eCVP

Electronic Comprehensive Validation Package

WO# 0702594

Air Toxics Ltd.

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

COMPREHENSIVE VALIDATION PACKAGE

Modified TO-15

INVENTORY SHEET

Work Order #: 0702594

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Comments:

Completed by:

Judy Lee	Judy Lee / Document Control	3/16/07
(Signature)	(Print Name & Title)	(Date)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0702594

Work Order Summary

CLIENT:	Mr. Brian McCarthy GEI Consultants, Inc. 455 Winding Brook Dr. Suite 201 Glastonbury, CT 06033	**BILL TO:**	Mr. Brian McCarthy GEI Consultants, Inc. 455 Winding Brook Dr. Suite 201 Glastonbury, CT 06033
PHONE:	860-368-5300	**P.O. #**	NR
FAX:	860-368-5307	**PROJECT #**	061140-8-1703 BayShore OU1 Southern Cell IRM Air Monit
DATE RECEIVED:	02/28/2007	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	03/12/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	UW-AMS-1	Modified TO-15	0.2 psi
02A	DW-AMS-3	Modified TO-15	0.0 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda D. Fruman DATE: 03/13/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
GEI Consultants, Inc.
Workorder# 0702594

Two 6 Liter Summa Canister samples were received on February 28, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Table 1

Client Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Sample Holding Time (Days)	Sample Extract Date Analyzed	Sample Extract Holding Time (Days)	Sample Condition
UW-AMS-1	0702594-01A	2/23/2007	2/28/2007	NA	14	3/ 9/2007	NA	Good
DW-AMS-3	0702594-02A	2/23/2007	2/28/2007	NA	14	3/ 9/2007	NA	Good
Lab Blank	0702594-03A	NA	NA	NA	NA	3/ 9/2007	NA	Good
CCV	0702594-04A	NA	NA	NA	NA	3/ 9/2007	NA	Good
LCS	0702594-05A	NA	NA	NA	NA	3/ 9/2007	NA	Good

Sample Results and Raw Data

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: UW-AMS-1

Lab ID#: 0702594-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.66	0.75	3.3	3.7
Carbon Disulfide	0.66	0.96	2.0	3.0

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: UW-AMS-1

Lab ID#: 0702594-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1030906**	**Date of Collection: 2/23/07**	
Dil. Factor:	**1.32**	**Date of Analysis: 3/9/07 01:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.66	0.75	3.3	3.7
Freon 114	0.66	Not Detected	4.6	Not Detected
Vinyl Chloride	0.66	Not Detected	1.7	Not Detected
Bromomethane	0.66	Not Detected	2.6	Not Detected
Chloroethane	0.66	Not Detected	1.7	Not Detected
Freon 11	0.66	Not Detected	3.7	Not Detected
1,1-Dichloroethene	0.66	Not Detected	2.6	Not Detected
Freon 113	0.66	Not Detected	5.0	Not Detected
Methylene Chloride	0.66	Not Detected	2.3	Not Detected
1,1-Dichloroethane	0.66	Not Detected	2.7	Not Detected
cis-1,2-Dichloroethene	0.66	Not Detected	2.6	Not Detected
Chloroform	0.66	Not Detected	3.2	Not Detected
1,1,1-Trichloroethane	0.66	Not Detected	3.6	Not Detected
Carbon Tetrachloride	0.66	Not Detected	4.2	Not Detected
Benzene	0.66	Not Detected	2.1	Not Detected
1,2-Dichloroethane	0.66	Not Detected	2.7	Not Detected
Trichloroethene	0.66	Not Detected	3.5	Not Detected
1,2-Dichloropropane	0.66	Not Detected	3.0	Not Detected
cis-1,3-Dichloropropene	0.66	Not Detected	3.0	Not Detected
Toluene	0.66	Not Detected	2.5	Not Detected
trans-1,3-Dichloropropene	0.66	Not Detected	3.0	Not Detected
1,1,2-Trichloroethane	0.66	Not Detected	3.6	Not Detected
Tetrachloroethene	0.66	Not Detected	4.5	Not Detected
1,2-Dibromoethane (EDB)	0.66	Not Detected	5.1	Not Detected
Chlorobenzene	0.66	Not Detected	3.0	Not Detected
Ethyl Benzene	0.66	Not Detected	2.9	Not Detected
m,p-Xylene	0.66	Not Detected	2.9	Not Detected
o-Xylene	0.66	Not Detected	2.9	Not Detected
Styrene	0.66	Not Detected	2.8	Not Detected
1,1,2,2-Tetrachloroethane	0.66	Not Detected	4.5	Not Detected
1,3,5-Trimethylbenzene	0.66	Not Detected	3.2	Not Detected
1,2,4-Trimethylbenzene	0.66	Not Detected	3.2	Not Detected
1,3-Dichlorobenzene	0.66	Not Detected	4.0	Not Detected
1,4-Dichlorobenzene	0.66	Not Detected	4.0	Not Detected
alpha-Chlorotoluene	0.66	Not Detected	3.4	Not Detected
1,2-Dichlorobenzene	0.66	Not Detected	4.0	Not Detected
1,3-Butadiene	0.66	Not Detected	1.5	Not Detected
Hexane	0.66	Not Detected	2.3	Not Detected
Cyclohexane	0.66	Not Detected	2.3	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: UW-AMS-1

Lab ID#: 0702594-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1030906**	**Date of Collection: 2/23/07**	
Dil. Factor:	**1.32**	**Date of Analysis: 3/9/07 01:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Heptane	0.66	Not Detected	2.7	Not Detected
Bromodichloromethane	0.66	Not Detected	4.4	Not Detected
Dibromochloromethane	0.66	Not Detected	5.6	Not Detected
Cumene	0.66	Not Detected	3.2	Not Detected
Propylbenzene	0.66	Not Detected	3.2	Not Detected
Chloromethane	2.6	Not Detected	5.4	Not Detected
1,2,4-Trichlorobenzene	2.6	Not Detected	20	Not Detected
Hexachlorobutadiene	2.6	Not Detected	28	Not Detected
Acetone	2.6	Not Detected	6.3	Not Detected
Carbon Disulfide	0.66	0.96	2.0	3.0
2-Propanol	2.6	Not Detected	6.5	Not Detected
trans-1,2-Dichloroethene	0.66	Not Detected	2.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.66	Not Detected	1.9	Not Detected
Tetrahydrofuran	0.66	Not Detected	1.9	Not Detected
1,4-Dioxane	2.6	Not Detected	9.5	Not Detected
4-Methyl-2-pentanone	0.66	Not Detected	2.7	Not Detected
2-Hexanone	2.6	Not Detected	11	Not Detected
Bromoform	0.66	Not Detected	6.8	Not Detected
4-Ethyltoluene	0.66	Not Detected	3.2	Not Detected
Ethanol	2.6	Not Detected	5.0	Not Detected
Methyl tert-butyl ether	0.66	Not Detected	2.4	Not Detected
3-Chloropropene	2.6	Not Detected	8.3	Not Detected
2,2,4-Trimethylpentane	0.66	Not Detected	3.1	Not Detected
Naphthalene	2.6	Not Detected	14	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-09mar.b/1030906.d
Lab Smp Id: 0702594-01A
Inj Date : 09-MAR-2007 13:24
Operator : sjr Inst ID: msd1.i
Smp Info : 200mL #4144
Misc Info : 0.2psi-5psi GEI
Comment :
Method : /chem/msd1.i/1-09mar.b/t14q126d.m
Meth Date : 09-Mar-2007 23:07 sruth Quant Type: ISTD
Cal Date : 08-MAR-2007 10:58 Cal File: 1030804.d
Als bottle: 1
Dil Factor: 1.32000
Integrator: HP RTE Compound Sublist: AT04.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.718 (1.000)	130	232094	25.0000		80.00- 120.00	100.00
12.718	12.718 (1.000)	128	186584			27.97- 127.97	80.39
12.718	12.718 (1.000)	49	703134			363.87- 463.87	302.95
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	920984	25.0000		80.00- 120.00	100.00
14.487	14.515 (1.000)	88	147087			0.00- 66.40	15.97
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	808774	25.0000		80.00- 120.00	100.00
19.768	19.768 (1.000)	82	457560			6.85- 106.85	56.57
$ 90 1,2-Dichloroethane-d4					CAS #: 17060-07-0		
13.796	13.796 (1.085)	65	462489	28.4225	28.422	80.00- 120.00	100.00
13.796	13.796 (1.085)	67	208589			0.62- 100.62	45.10
$ 113 Toluene-d8					CAS #: 2037-26-5		
17.141	17.142 (1.181)	98	892283	24.5752	24.575	80.00- 120.00	100.00
17.141	17.142 (1.181)	70	103118			0.00- 61.35	11.56

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.141	17.142 (1.181)	100	632885			19.43- 119.43	70.93
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.869	21.870 (1.106)	174	480963	23.7618	23.762	80.00- 120.00	100.00
21.869	21.870 (1.106)	95	707032			97.98- 197.98	147.00
21.869	21.870 (1.106)	176	468371			45.20- 145.20	97.38
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.893	4.893 (0.385)	85	22595	0.57146	0.7543	80.00- 120.00	100.00
4.893	4.893 (0.385)	87	7047			0.00- 81.56	31.19
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.737)	76	30976	0.72449	0.9563	80.00- 120.00	100.00

Report Date: 12-Mar-2007 16:01

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1030906.d
Lab Smp Id: 0702594-01A
Analysis Type: VOA
Quant Type: ISTD
Operator: sjr
Method File: /chem/msd1.i/1-09mar.b/t14q126d.m
Misc Info: 0.2psi-5psi GEI

Calibration Date: 09-MAR-2007
Calibration Time: 09:22
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	253228	151937	354519	232094	-8.35
96 1,4-Difluorobenze	1013989	608393	1419585	920984	-9.17
125 Chlorobenzene-d5	901482	540889	1262075	808774	-10.28

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Report Date: 12-Mar-2007 16:01

Air Toxics Ltd.

RECOVERY REPORT

Client Name: Client SDG: 1-09mar
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: 0702594-01A
Level: LOW Operator: sjr
Data Type: MS DATA SampleType: SAMPLE
SpikeList File: AT041502.spk Quant Type: ISTD
Sublist File: AT04.sub
Method File: /chem/msd1.i/1-09mar.b/t14q126d.m
Misc Info: 0.2psi-5psi GEI

SURROGATE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
$ 90 1,2-Dichloroethane	25.000	28.422	113.69	70-130
$ 113 Toluene-d8	25.000	24.575	98.30	70-130
$ 137 Bromofluorobenzene	25.000	23.762	95.05	70-130

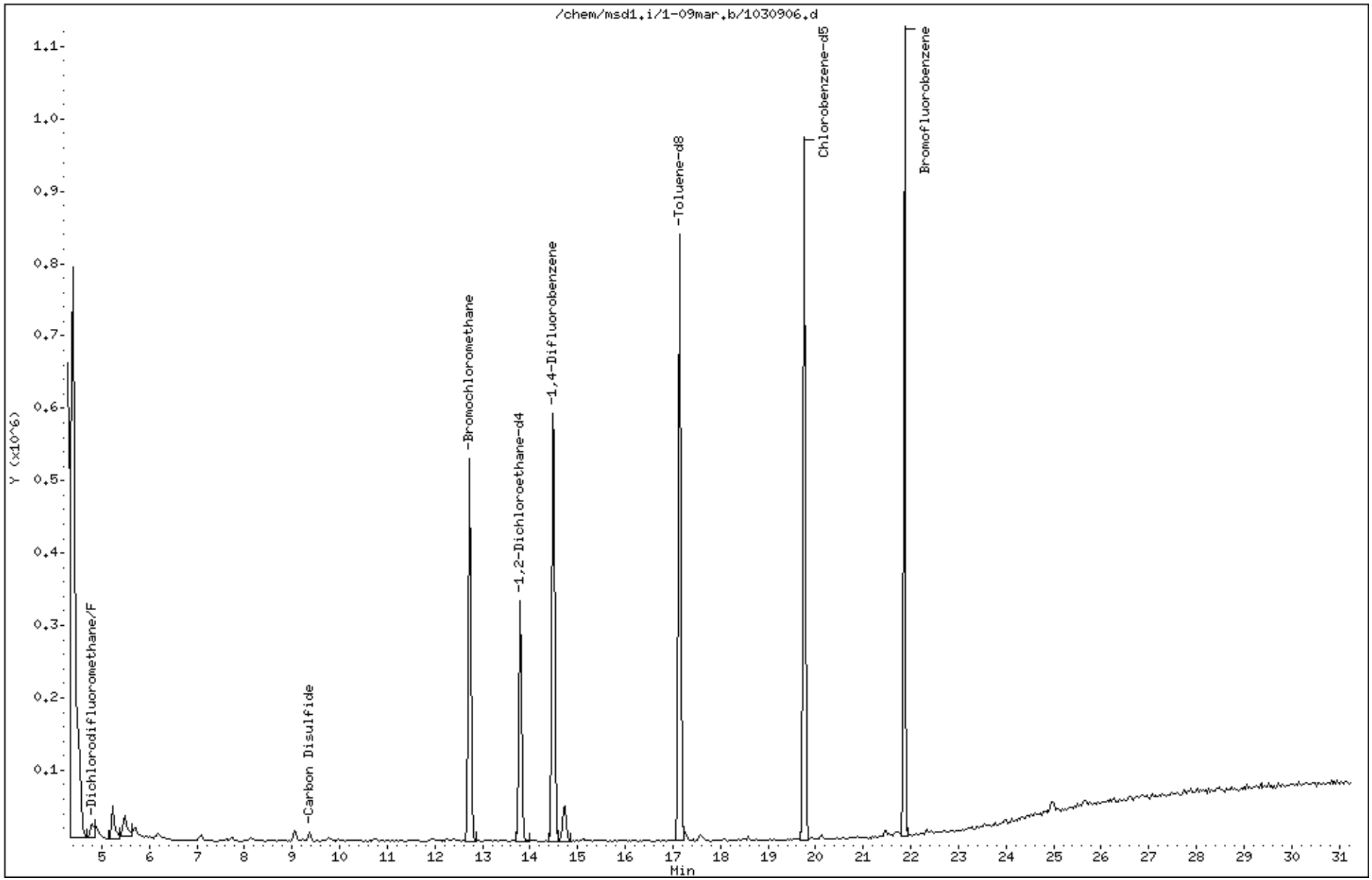
0013

Data File: /chem/msd1.i/1-09mar.b/1030906.d
Date : 09-MAR-2007 13:24
Client ID:
Sample Info: 200mL #4144

Instrument: msd1.i

Operator: sjr
Column diameter: 0.53

Column phase: RTx-624



Data File: /chem/msd1.i/1-09mar.b/1030906.d

Date : 09-MAR-2007 13:24

Client ID:

Instrument: msd1.i

Sample Info: 200mL #4144

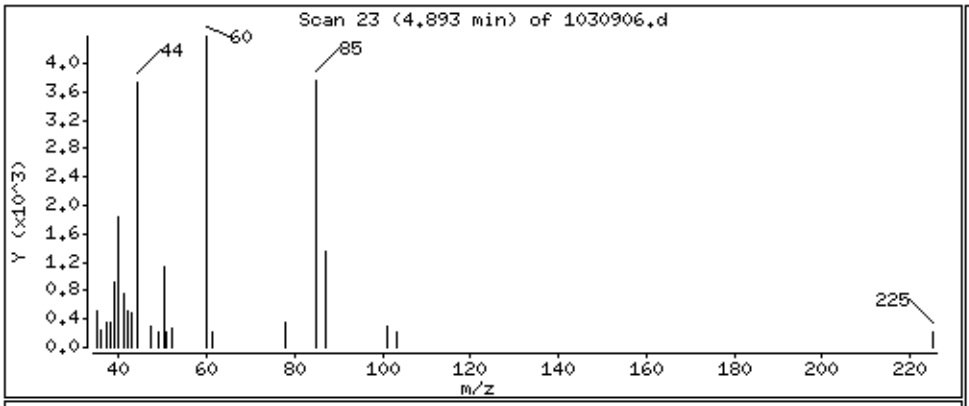
Operator: sjr

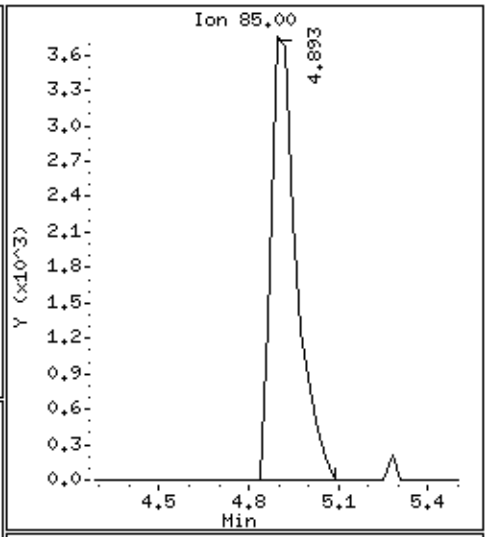
Column phase: RTx-624

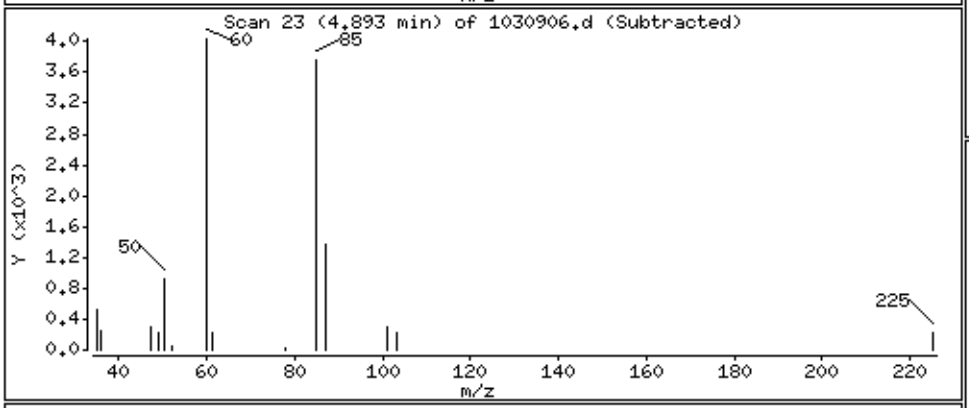
Column diameter: 0.53

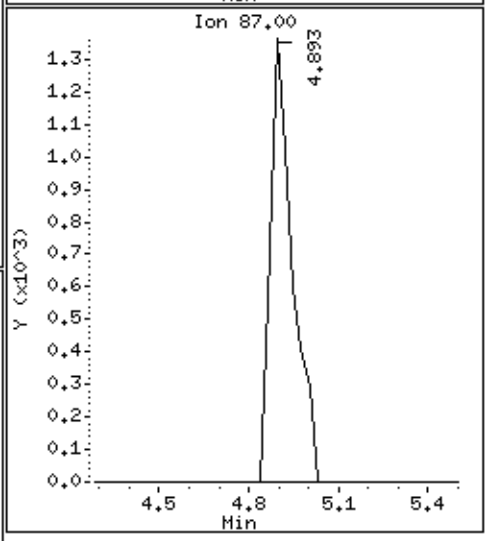
15 Dichlorodifluoromethane/Fr12

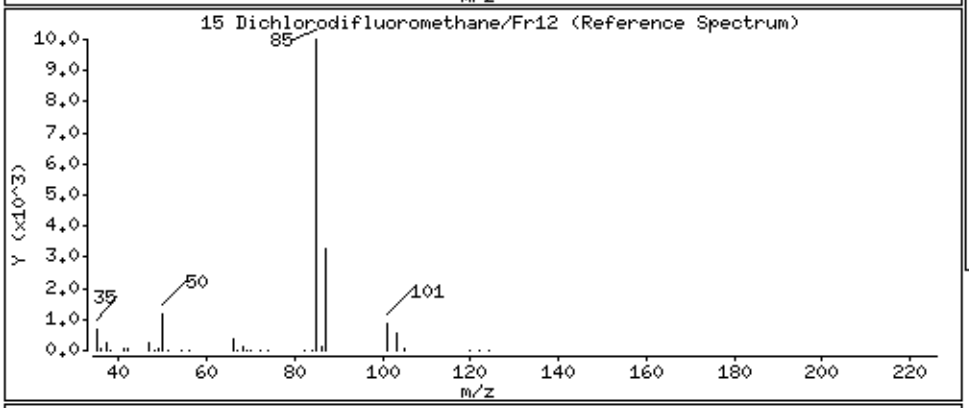
Concentration: 0.7543 PPBV

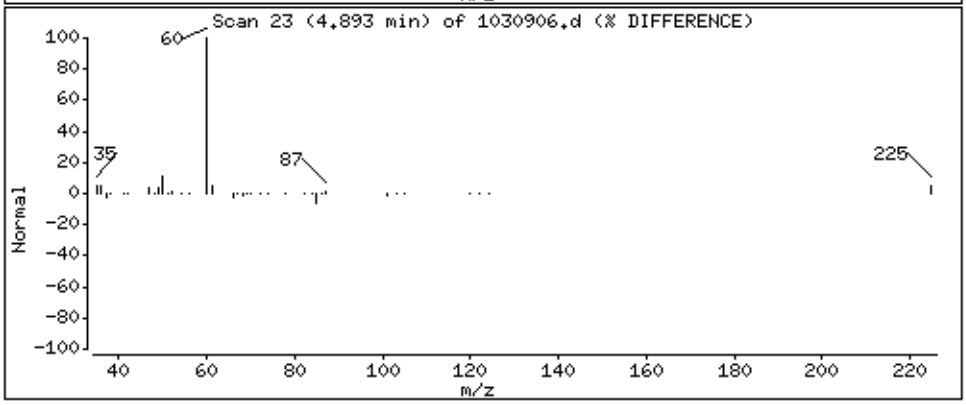












Data File: /chem/msd1.i/1-09mar.b/1030906.d

Date : 09-MAR-2007 13:24

Client ID:

Instrument: msd1.i

Sample Info: 200mL #4144

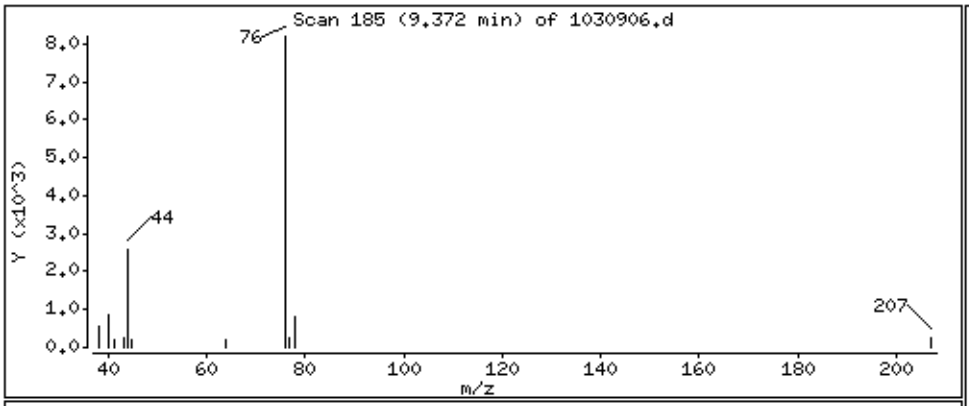
Operator: sjr

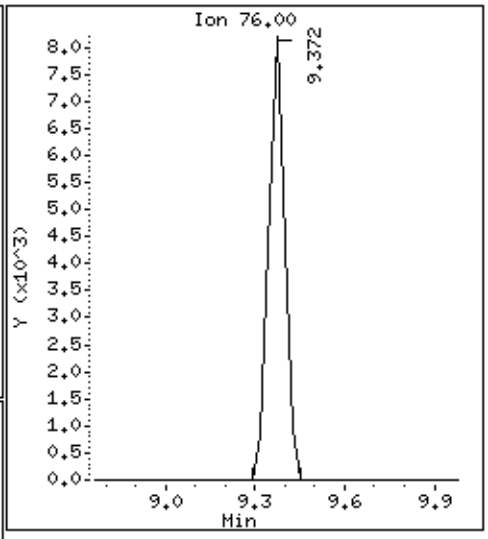
Column phase: RTx-624

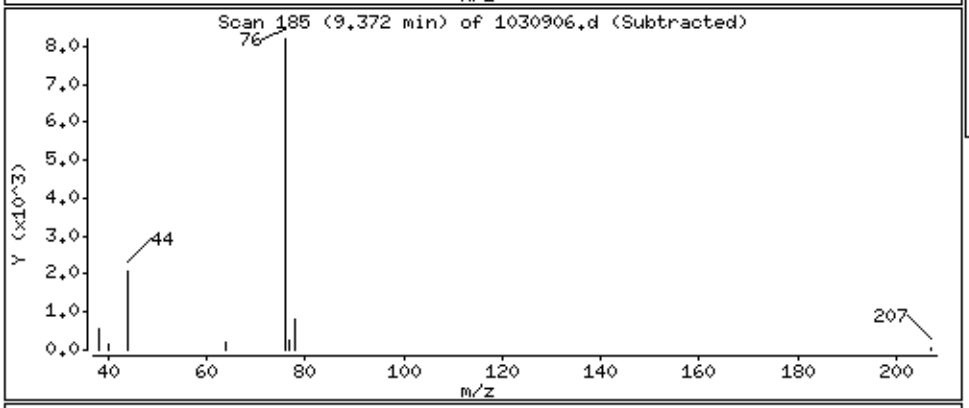
Column diameter: 0.53

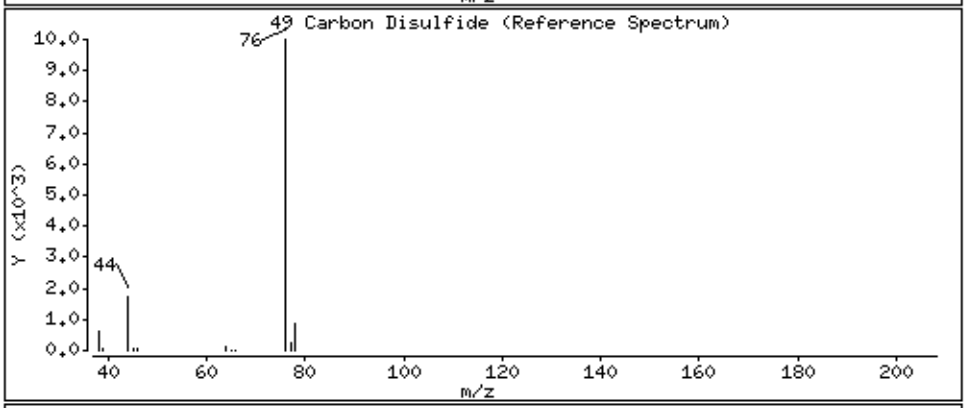
49 Carbon Disulfide

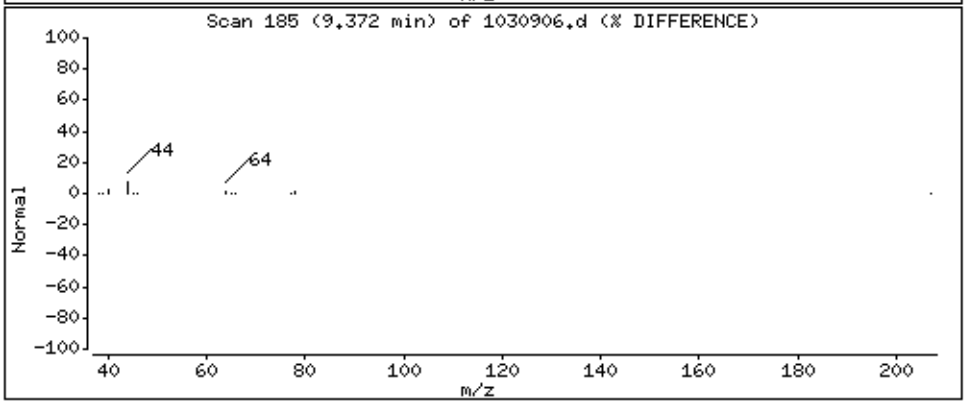
Concentration: 0.9563 PPBV











AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: DW-AMS-3

Lab ID#: 0702594-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.67	0.84	3.3	4.2
Carbon Disulfide	0.67	1.1	2.1	3.5

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: DW-AMS-3

Lab ID#: 0702594-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1030907**	**Date of Collection:**	**2/23/07**
Dil. Factor:	**1.34**	**Date of Analysis:**	**3/9/07 02:32 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.67	0.84	3.3	4.2
Freon 114	0.67	Not Detected	4.7	Not Detected
Vinyl Chloride	0.67	Not Detected	1.7	Not Detected
Bromomethane	0.67	Not Detected	2.6	Not Detected
Chloroethane	0.67	Not Detected	1.8	Not Detected
Freon 11	0.67	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.67	Not Detected	2.6	Not Detected
Freon 113	0.67	Not Detected	5.1	Not Detected
Methylene Chloride	0.67	Not Detected	2.3	Not Detected
1,1-Dichloroethane	0.67	Not Detected	2.7	Not Detected
cis-1,2-Dichloroethene	0.67	Not Detected	2.6	Not Detected
Chloroform	0.67	Not Detected	3.3	Not Detected
1,1,1-Trichloroethane	0.67	Not Detected	3.6	Not Detected
Carbon Tetrachloride	0.67	Not Detected	4.2	Not Detected
Benzene	0.67	Not Detected	2.1	Not Detected
1,2-Dichloroethane	0.67	Not Detected	2.7	Not Detected
Trichloroethene	0.67	Not Detected	3.6	Not Detected
1,2-Dichloropropane	0.67	Not Detected	3.1	Not Detected
cis-1,3-Dichloropropene	0.67	Not Detected	3.0	Not Detected
Toluene	0.67	Not Detected	2.5	Not Detected
trans-1,3-Dichloropropene	0.67	Not Detected	3.0	Not Detected
1,1,2-Trichloroethane	0.67	Not Detected	3.6	Not Detected
Tetrachloroethene	0.67	Not Detected	4.5	Not Detected
1,2-Dibromoethane (EDB)	0.67	Not Detected	5.1	Not Detected
Chlorobenzene	0.67	Not Detected	3.1	Not Detected
Ethyl Benzene	0.67	Not Detected	2.9	Not Detected
m,p-Xylene	0.67	Not Detected	2.9	Not Detected
o-Xylene	0.67	Not Detected	2.9	Not Detected
Styrene	0.67	Not Detected	2.8	Not Detected
1,1,2,2-Tetrachloroethane	0.67	Not Detected	4.6	Not Detected
1,3,5-Trimethylbenzene	0.67	Not Detected	3.3	Not Detected
1,2,4-Trimethylbenzene	0.67	Not Detected	3.3	Not Detected
1,3-Dichlorobenzene	0.67	Not Detected	4.0	Not Detected
1,4-Dichlorobenzene	0.67	Not Detected	4.0	Not Detected
alpha-Chlorotoluene	0.67	Not Detected	3.5	Not Detected
1,2-Dichlorobenzene	0.67	Not Detected	4.0	Not Detected
1,3-Butadiene	0.67	Not Detected	1.5	Not Detected
Hexane	0.67	Not Detected	2.4	Not Detected
Cyclohexane	0.67	Not Detected	2.3	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: DW-AMS-3

Lab ID#: 0702594-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1030907**	**Date of Collection: 2/23/07**	
Dil. Factor:	**1.34**	**Date of Analysis: 3/9/07 02:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Heptane	0.67	Not Detected	2.7	Not Detected
Bromodichloromethane	0.67	Not Detected	4.5	Not Detected
Dibromochloromethane	0.67	Not Detected	5.7	Not Detected
Cumene	0.67	Not Detected	3.3	Not Detected
Propylbenzene	0.67	Not Detected	3.3	Not Detected
Chloromethane	2.7	Not Detected	5.5	Not Detected
1,2,4-Trichlorobenzene	2.7	Not Detected	20	Not Detected
Hexachlorobutadiene	2.7	Not Detected	28	Not Detected
Acetone	2.7	Not Detected	6.4	Not Detected
Carbon Disulfide	0.67	1.1	2.1	3.5
2-Propanol	2.7	Not Detected	6.6	Not Detected
trans-1,2-Dichloroethene	0.67	Not Detected	2.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.67	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.67	Not Detected	2.0	Not Detected
1,4-Dioxane	2.7	Not Detected	9.6	Not Detected
4-Methyl-2-pentanone	0.67	Not Detected	2.7	Not Detected
2-Hexanone	2.7	Not Detected	11	Not Detected
Bromoform	0.67	Not Detected	6.9	Not Detected
4-Ethyltoluene	0.67	Not Detected	3.3	Not Detected
Ethanol	2.7	Not Detected	5.0	Not Detected
Methyl tert-butyl ether	0.67	Not Detected	2.4	Not Detected
3-Chloropropene	2.7	Not Detected	8.4	Not Detected
2,2,4-Trimethylpentane	0.67	Not Detected	3.1	Not Detected
Naphthalene	2.7	Not Detected	14	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-09mar.b/1030907.d
Lab Smp Id: 0702594-02A
Inj Date : 09-MAR-2007 14:32
Operator : sjr Inst ID: msd1.i
Smp Info : 200mL #12015
Misc Info : 0.0"Hg-5psi GEI
Comment :
Method : /chem/msd1.i/1-09mar.b/t14q126d.m
Meth Date : 09-Mar-2007 23:07 sruth Quant Type: ISTD
Cal Date : 08-MAR-2007 10:58 Cal File: 1030804.d
Als bottle: 1
Dil Factor: 1.34000
Integrator: HP RTE Compound Sublist: AT04.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				CONCENTRATIONS			
				ON-COL	FINAL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane						CAS #: 74-97-5	
12.718	12.718 (1.000)	130	195962	25.0000		80.00- 120.00	100.00
12.718	12.718 (1.000)	128	150292			27.97- 127.97	76.69
12.718	12.718 (1.000)	49	593835			363.87- 463.87	303.04
* 96 1,4-Difluorobenzene						CAS #: 540-36-3	
14.515	14.515 (1.000)	114	775809	25.0000		80.00- 120.00	100.00
14.515	14.515 (1.000)	88	124502			0.00- 66.40	16.05
* 125 Chlorobenzene-d5						CAS #: 3114-55-4	
19.768	19.768 (1.000)	117	686693	25.0000		80.00- 120.00	100.00
19.768	19.768 (1.000)	82	392664			6.85- 106.85	57.18
$ 90 1,2-Dichloroethane-d4						CAS #: 17060-07-0	
13.796	13.796 (1.085)	65	390442	28.4191	28.419	80.00- 120.00	100.00
13.796	13.796 (1.085)	67	177995			0.62- 100.62	45.59
$ 113 Toluene-d8						CAS #: 2037-26-5	
17.142	17.142 (1.181)	98	768123	25.1144	25.114	80.00- 120.00	100.00
17.142	17.142 (1.181)	70	88097			0.00- 61.35	11.47

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	CONCENTRATIONS FINAL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	528992			19.43- 119.43	68.87
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	417250	24.2788	24.279	80.00- 120.00	100.00
21.870	21.870 (1.106)	95	615386			97.98- 197.98	147.49
21.870	21.870 (1.106)	176	390901			45.20- 145.20	93.69
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.920	4.893 (0.387)	85	20916	0.62653	0.8396	80.00- 120.00	100.00
4.893	4.893 (0.385)	87	6498			0.00- 81.56	31.07
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.737)	76	30193	0.83639	1.121	80.00- 120.00	100.00

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1030907.d
Lab Smp Id: 0702594-02A
Analysis Type: VOA
Quant Type: ISTD
Operator: sjr
Method File: /chem/msd1.i/1-09mar.b/t14q126d.m
Misc Info: 0.0"Hg-5psi GEI

Calibration Date: 09-MAR-2007
Calibration Time: 09:22
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	253228	151937	354519	195962	-22.61
96 1,4-Difluorobenze	1013989	608393	1419585	775809	-23.49
125 Chlorobenzene-d5	901482	540889	1262075	686693	-23.83

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Report Date: 12-Mar-2007 16:02

Air Toxics Ltd.

RECOVERY REPORT

Client Name: Client SDG: 1-09mar
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: 0702594-02A
Level: LOW Operator: sjr
Data Type: MS DATA SampleType: SAMPLE
SpikeList File: AT041502.spk Quant Type: ISTD
Sublist File: AT04.sub
Method File: /chem/msd1.i/1-09mar.b/t14q126d.m
Misc Info: 0.0"Hg-5psi GEI

SURROGATE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
$ 90 1,2-Dichloroethane	25.000	28.419	113.68	70-130
$ 113 Toluene-d8	25.000	25.114	100.46	70-130
$ 137 Bromofluorobenzene	25.000	24.279	97.12	70-130

Data File: /chem/msd1.i/1-09mar.b/1030907.d

Date : 09-MAR-2007 14:32

Client ID:

Sample Info: 200mL #12015

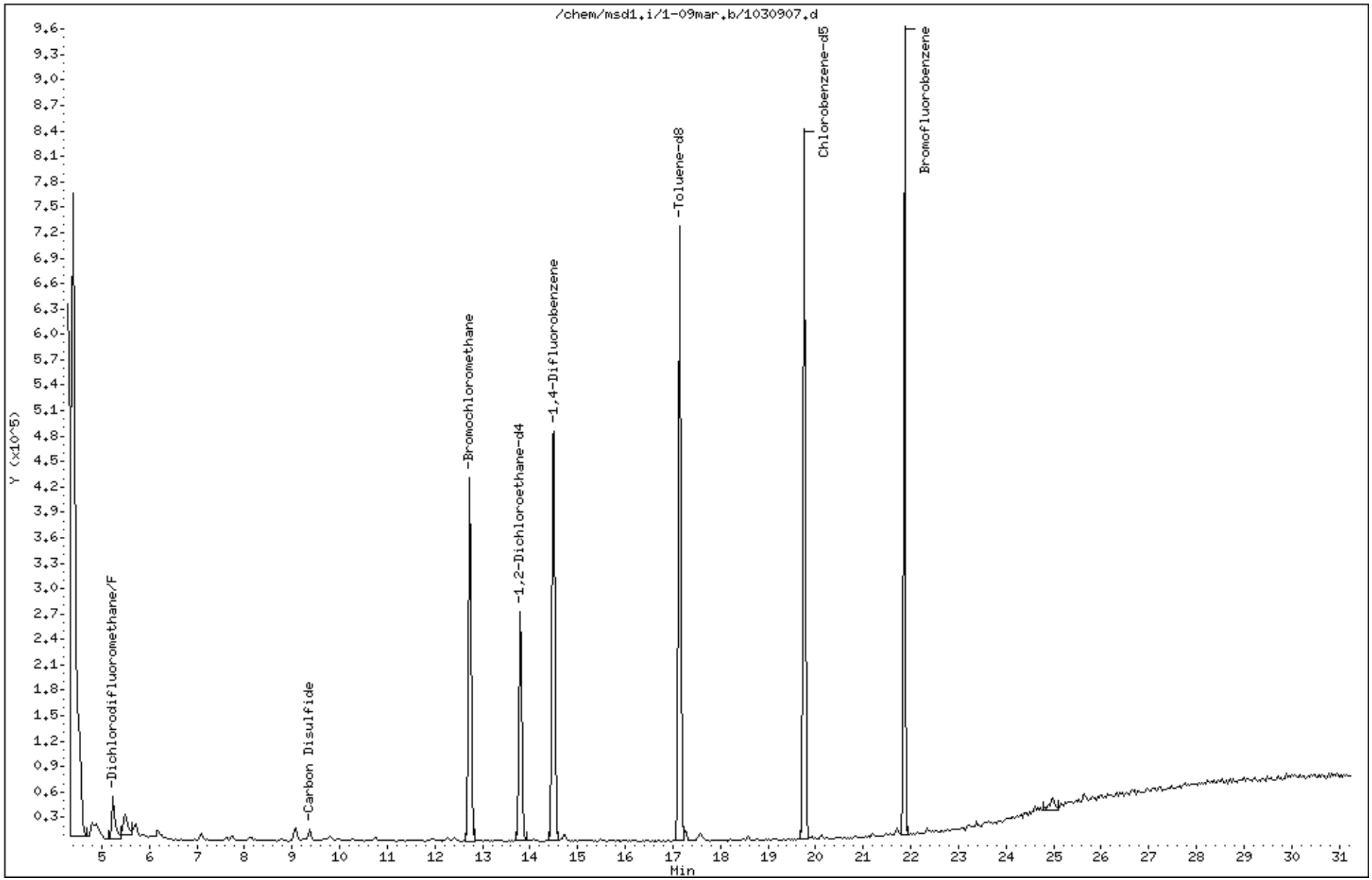
Column phase: RTx-624

Instrument: msd1.i

Operator: sjr

Column diameter: 0.53

0023



Data File: /chem/msd1.i/1-09mar.b/1030907.d

Date : 09-MAR-2007 14:32

Client ID:

Instrument: msd1.i

Sample Info: 200mL #12015

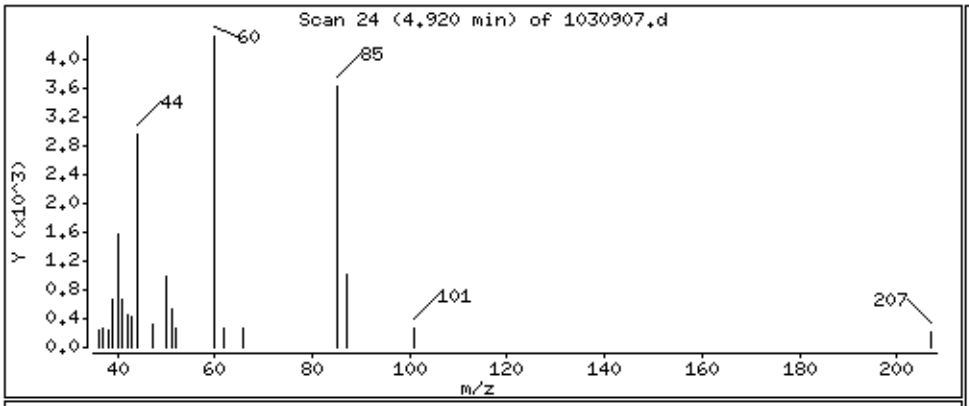
Operator: sjr

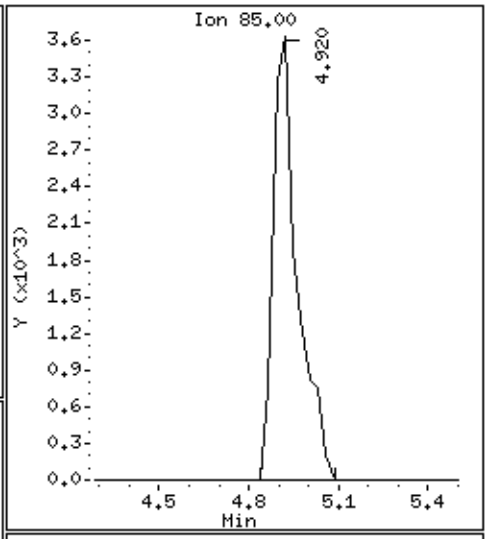
Column phase: RTx-624

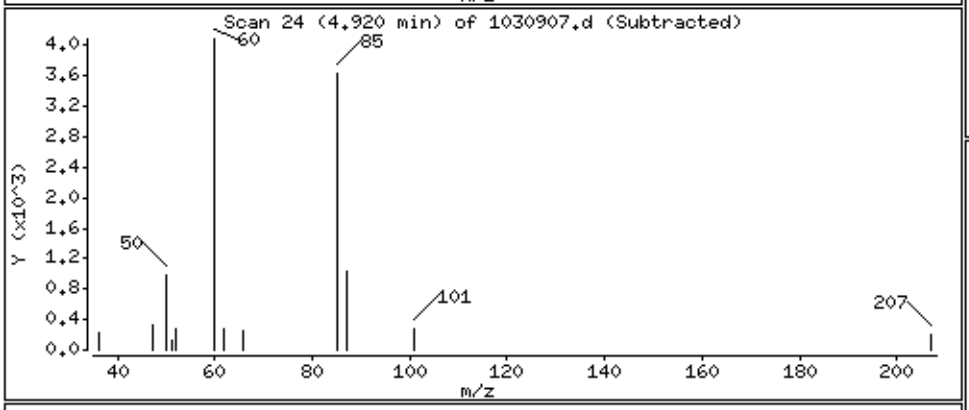
Column diameter: 0.53

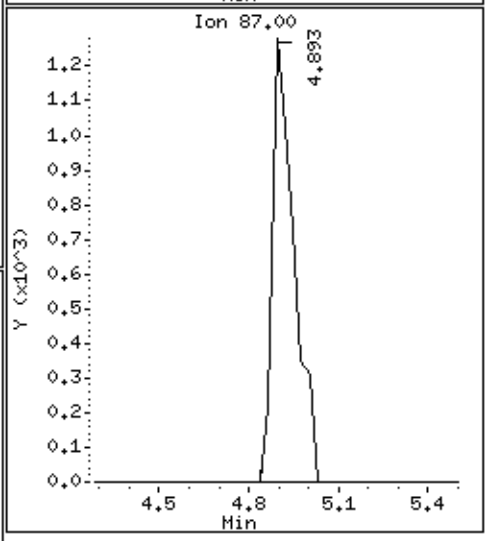
15 Dichlorodifluoromethane/Fr12

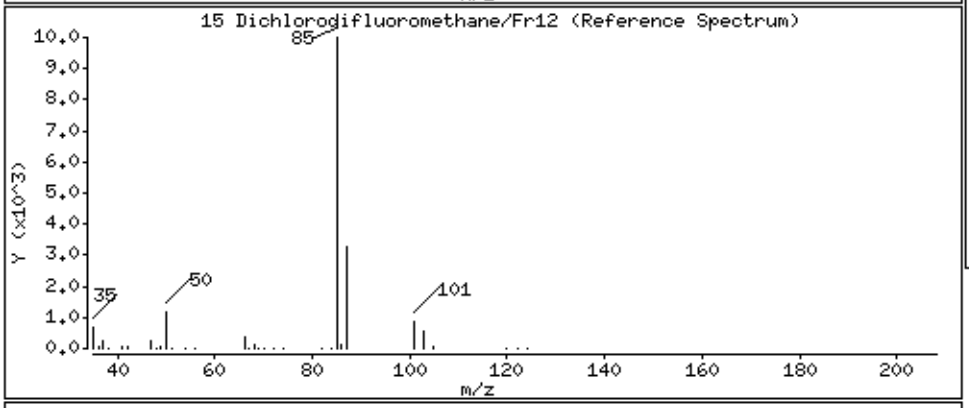
Concentration: 0.8396 PPBV

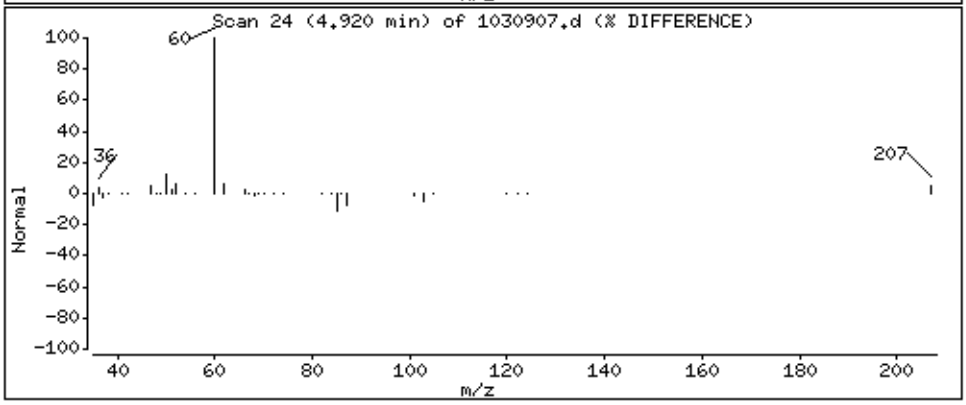












Data File: /chem/msd1.i/1-09mar.b/1030907.d

Date : 09-MAR-2007 14:32

Client ID:

Instrument: msd1.i

Sample Info: 200mL #12015

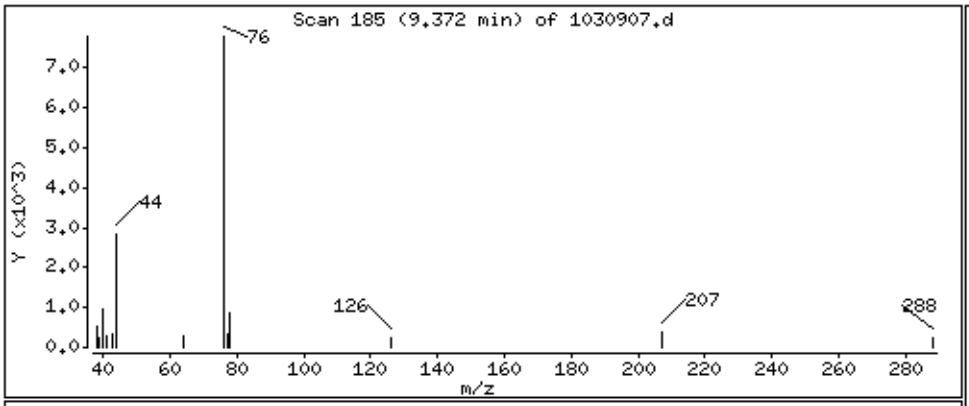
Operator: sjr

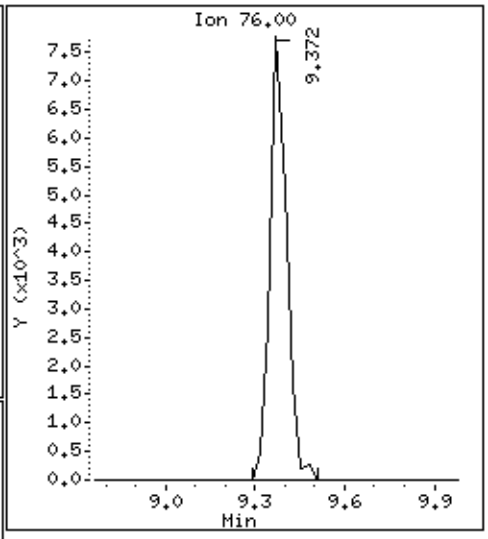
Column phase: RTx-624

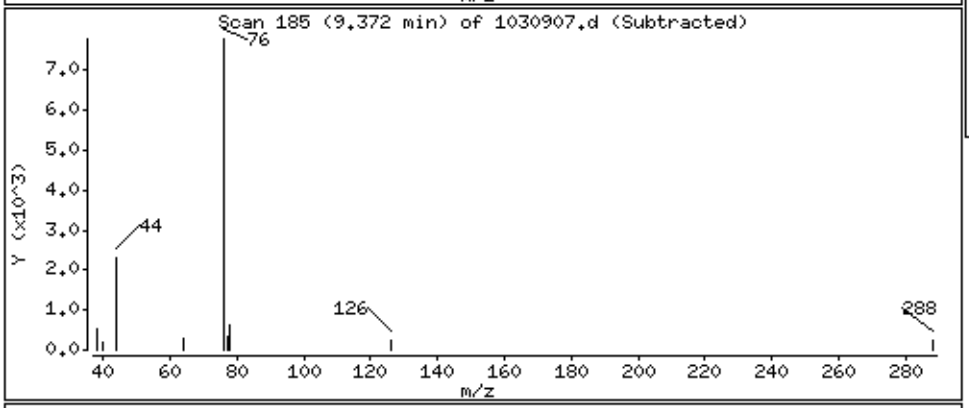
Column diameter: 0.53

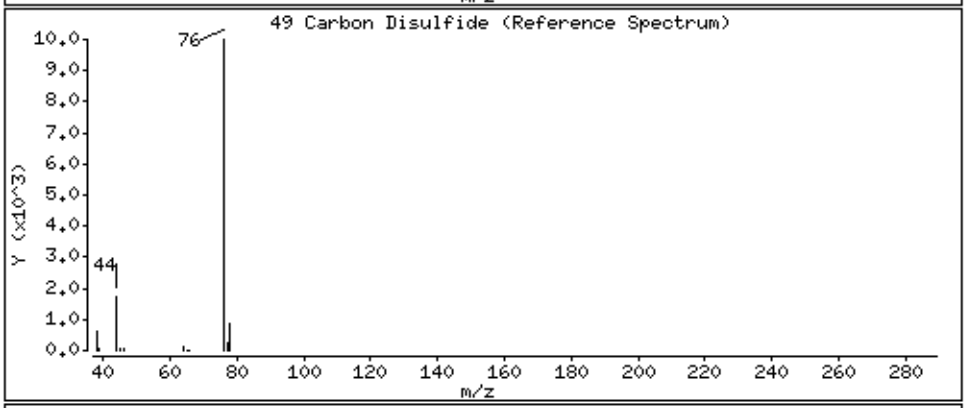
49 Carbon Disulfide

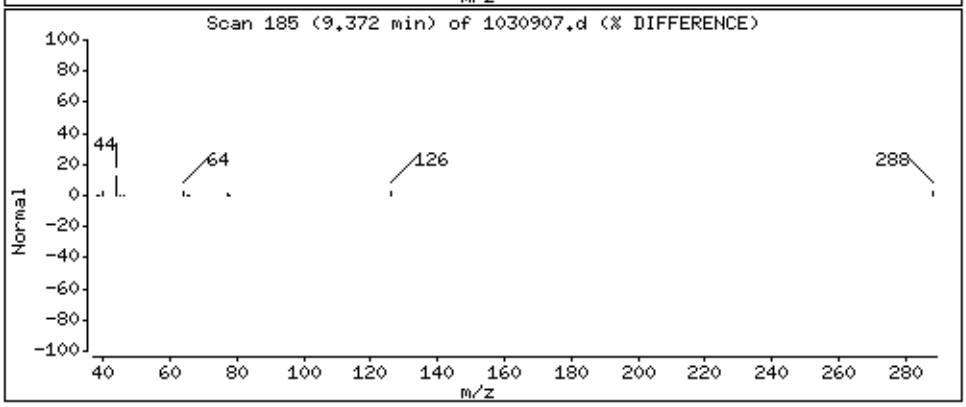
Concentration: 1.121 PPBV











QC Results and Raw Data

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0702594-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1030905**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/9/07 12:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0702594-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1030905**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/9/07 12:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Heptane	0.50	Not Detected	2.0	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Naphthalene	2.0	Not Detected	10	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-09mar.b/1030905.d
Lab Smp Id: Lab Blank Client Smp ID: Lab Blank
Inj Date : 09-MAR-2007 12:06
Operator : sjr Inst ID: msd1.i
Smp Info : 200mL #12941
Misc Info : Humid
Comment :
Method : /chem/msd1.i/1-09mar.b/t14q126d.m
Meth Date : 09-Mar-2007 23:07 sruth Quant Type: ISTD
Cal Date : 08-MAR-2007 10:58 Cal File: 1030804.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: AT04ENSR.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.718 (1.000)	130	232612	25.0000		80.00- 120.00	100.00
12.718	12.718 (1.000)	128	180919			27.97- 127.97	77.78
12.718	12.718 (1.000)	49	704146			363.87- 463.87	302.71
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	909115	25.0000		80.00- 120.00	100.00
14.487	14.515 (1.000)	88	145738			0.00- 66.40	16.03
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	815229	25.0000		80.00- 120.00	100.00
19.768	19.768 (1.000)	82	462728			6.85- 106.85	56.76
$ 90 1,2-Dichloroethane-d4					CAS #: 17060-07-0		
13.796	13.796 (1.085)	65	459693	28.1878	28.188	80.00- 120.00	100.00
13.796	13.796 (1.085)	67	207355			0.62- 100.62	45.11
$ 113 Toluene-d8					CAS #: 2037-26-5		
17.142	17.142 (1.181)	98	910102	25.3932	25.393	80.00- 120.00	100.00
17.142	17.142 (1.181)	70	105172			0.00- 61.35	11.56

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	CONCENTRATIONS FINAL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	620049			19.43- 119.43	68.13
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	479540	23.5039	23.504	80.00- 120.00	100.00
21.870	21.870 (1.106)	95	721642			97.98- 197.98	150.49
21.870	21.870 (1.106)	176	464420			45.20- 145.20	96.85

Report Date: 10-Mar-2007 08:36

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1030905.d
Lab Smp Id: Lab Blank
Analysis Type: VOA
Quant Type: ISTD
Operator: sjr
Method File: /chem/msd1.i/1-09mar.b/t14q126d.m
Misc Info: Humid

Calibration Date: 09-MAR-2007
Calibration Time: 09:22
Client Smp ID: Lab Blank
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	253228	151937	354519	232612	-8.14
96 1,4-Difluorobenze	1013989	608393	1419585	909115	-10.34
125 Chlorobenzene-d5	901482	540889	1262075	815229	-9.57

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Report Date: 10-Mar-2007 08:36

Air Toxics Ltd.

RECOVERY REPORT

Client Name: Client SDG: 1-09mar
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: Lab Blank Client Smp ID: Lab Blank
Level: LOW Operator: sjr
Data Type: MS DATA SampleType: SAMPLE
SpikeList File: AT041502.spk Quant Type: ISTD
Sublist File: AT04ENSR.sub
Method File: /chem/msd1.i/1-09mar.b/t14q126d.m
Misc Info: Humid

SURROGATE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
$ 90 1,2-Dichloroethane	25.000	28.188	112.75	70-130
$ 113 Toluene-d8	25.000	25.393	101.57	70-130
$ 137 Bromofluorobenzene	25.000	23.504	94.02	70-130

Data File: /chem/msd1.i/1-09mar.b/1030905.d

Date : 09-MAR-2007 12:06

Client ID: Lab Blank

Sample Info: 200mL #12941

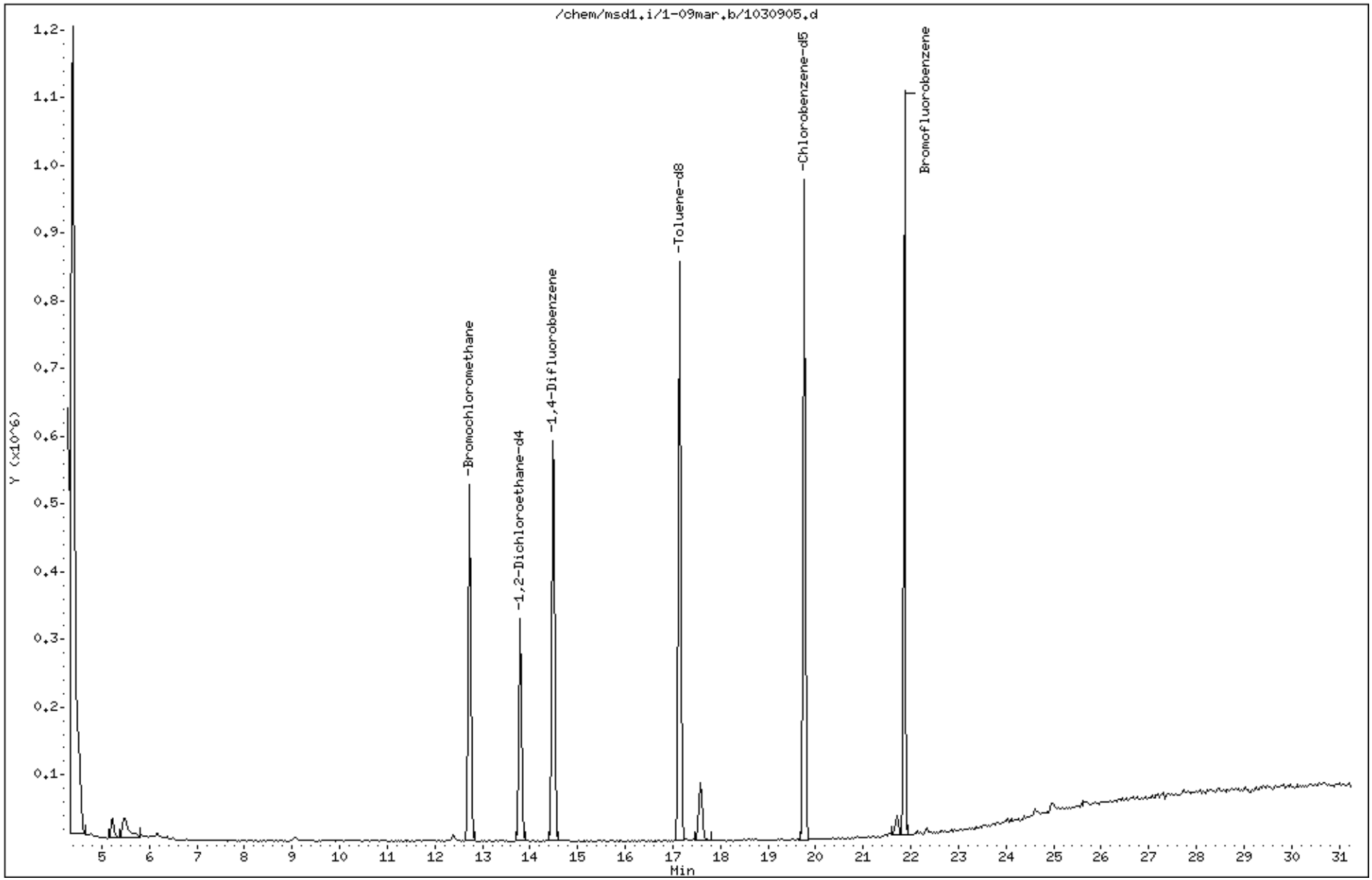
Column phase: RTx-624

Instrument: msd1.i

Operator: sjr

Column diameter: 0.53

0033



LEVEL-IV VALIDATABLE

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

SURROGATE RECOVERY FORM

Lab Name: AIR TOXICS LIMITED. SDG No.: 0702594

	CLIENT SAMPLE NO.	SURROGATE % RECOVERY								
		1,2-Dichloroethane-d4	#	Toluene-d8	#	4-Bromofluorobenzene	#		#	TOTAL OUT
01	UW-AMS-1	114		98		95				0
02	DW-AMS-3	114		100		97				0
03	Lab Blank	113		102		94				0
04	CCV	114		98		98				0
05	LCS	111		102		99				0
06										0
07										0
08										0
09										0
10										0
11										0
12										0
13										0
14										0
15										0
16										0
17										0
18										0
19										0
20										0
21										0
22										0
23										0
24										0

Surrogate Recovery Limits

1,2-Dichloroethane-d4 70 - 130
Toluene-d8 70 - 130
4-Bromofluorobenzene 70 - 130

* Designates values outside of QC limits

LEVEL-IV VALIDATABLE

Modified EPA Method TO-15 GC/MS Full Scan

INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: AIR TOXICS, LTD
SDG No: 0702594
Lab File ID: 1030902.d
Date Analyzed: 03/09/2007
Instrument ID: msd1.i
Time Analyzed: 09:22 AM

		Chlorobenzene-d5 Area	#	RT	#	1,4-Difluorobenzene Area	#	RT	#	Bromochloromethane Area	#	RT	#
	24-HOUR STD	901482		19.77		1013989		14.51		253228		12.72	
	UPPER LIMIT	1262075		20.10		1419585		14.84		354519		13.05	
	LOWER LIMIT	540889		19.44		608393		14.18		151937		12.39	
	CLIENT SAMPLE NO												
01	UW-AMS-1	808774		19.77		920984		14.51		232094		12.72	
02	DW-AMS-3	686693		19.77		775809		14.51		195962		12.72	
03	Lab Blank	815229		19.77		909115		14.51		232612		12.72	
04	CCV	901482		19.77		1013989		14.51		253228		12.72	
05	LCS	934933		19.77		1040924		14.51		261834		12.72	
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

'Area Upper Limit=+40% of internal standard area'
'Area Lower Limit=-40% of internal standard area'

RT Upper Limit=+0.33 minutes of internal standard RT
RT Lower Limit=-0.33 minutes of internal standard RT

* Designates values outside of QC limits

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 26-JAN-2007 18:21
End Cal Date : 08-MAR-2007 10:58
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Calibration File Names:
Level 1: /chem/msd1.i/1-26jana.b/1012609.d
Level 2: /chem/msd1.i/1-26jana.b/1012610.d
Level 3: /chem/msd1.i/1-08mar.b/1030802.d
Level 4: /chem/msd1.i/1-31jan.b/1013105.d
Level 5: /chem/msd1.i/1-08mar.b/1030803.d
Level 6: /chem/msd1.i/1-26jana.b/1012614.d
Level 7: /chem/msd1.i/1-08mar.b/1030804.d

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
1 Dimethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
2 Isobutylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
3 Acetaldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
4 2-Methyl-1-Butene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
5 Freon 143a	+++++	+++++	3.46857	3.22402	2.94657	+++++	3.66174	3.32522	9.308
6 Freon142b	+++++	+++++	3.47473	3.34677	3.81261	+++++	3.85376	3.62197	6.902
7 Propanal	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 26-JAN-2007 18:21
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Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	___ RRF	% RSD
	200.000 Level 7							
8 Freon 134a	+++++	+++++	1.41814	1.39520	1.55855	+++++		
	1.58685						1.48969	6.511
9 Freon 14	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
10 Freon 13	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
11 Bromoethane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
12 Propylene	+++++	+++++	2.02466	2.28352	2.13784	2.07431		
	2.22641						2.14935	4.949
13 Freon 152a	+++++	+++++	1.42456	1.13025	1.18263	+++++		
	1.23620						1.24341	10.317
14 Vinyl Fluoride	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
15 Dichlorodifluoromethane/Fr12	+++++	3.60473	3.88081	4.78559	4.47278	4.34970		
	4.46018						4.25896	10.196
16 Freon 22	+++++	+++++	4.54722	4.67098	4.83507	+++++		
	5.16857						4.80546	5.603
17 2,3-Dimethylbutane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++

Air Toxics Ltd.

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Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	___ RRF	% RSD
	200.000 Level 7							
18 Freon 114	+++++	2.42947	2.35005	2.79071	2.65142	2.59536		
	2.65586						2.57881	6.277
19 Chloromethane	+++++	+++++	2.30305	2.34480	2.26078	2.16257		
	2.25314						2.26487	3.000
20 Butane	+++++	+++++	0.28325	0.34456	0.32680	0.31130		
	0.33299						0.31978	7.408
21 Isobutane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
22 Vinyl Chloride	+++++	1.53952	1.80060	2.18807	2.06889	2.02400		
	2.10002						1.95352	12.318
23 1,3-Butadiene	+++++	1.09454	1.20708	1.62072	1.56332	1.53342		
	1.63696						1.44268	16.076
24 Methyl acetate	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
25 Chloroprene	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
26 Methanol	+++++	+++++	1.75473	1.53259	1.05855	+++++		
	1.07439						1.35506	25.491
27 Bromomethane	+++++	1.11011	1.08982	1.49038	1.46076	1.44800		
	1.54152						1.35676	14.859

Air Toxics Ltd.

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Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
28 2,4-Dimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
29 Isopentane	+++++	+++++	2.46316	3.26306	3.11094	3.02833	3.15082	3.00326	10.440
30 Chloroethane	+++++	1.00404	0.81733	0.99499	1.00725	1.00471	1.06330	0.98194	8.585
31 2-Butanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
32 Trichlorofluoromethane/Fr11	+++++	3.01292	3.33833	4.46592	4.25748	4.19684	4.34800	3.93658	15.373
33 Dichlorofluoromethane/Fr21	+++++	+++++	2.79412	2.74516	2.97039	+++++	3.13717	2.91171	6.139
34 1-Pentene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
35 3-Methyl-1-Hexene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
36 Vinyl Bromide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
37 Pentane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Air Toxics Ltd.

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Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
38 Methacrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
39 Ethanol	+++++	+++++	0.66802	0.97951	0.99766	1.02618	1.12085	0.95845	17.866
40 Ethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
41 Freon123a	+++++	+++++	1.74701	1.58386	1.76367	+++++	1.84688	1.73536	6.341
42 Freon123	+++++	+++++	0.88240	0.86069	0.96158	+++++	1.02412	0.93220	8.053
43 Acrolein	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
44 Freon 113	+++++	1.73545	1.80887	2.51520	2.36999	2.31483	2.39111	2.18924	15.095
45 1,1-Dichloroethene	+++++	2.32934	2.62351	3.57461	3.46809	3.42225	3.56552	3.16389	17.183
46 Acetone	+++++	+++++	0.70239	1.04045	0.99031	1.00638	1.06052	0.96001	15.275
47 2-Propanol	+++++	+++++	2.89885	4.57653	4.55629	4.56803	4.84300	4.28854	18.329

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 26-JAN-2007 18:21
End Cal Date : 08-MAR-2007 10:58
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Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	___ RRF	% RSD
	200.000 Level 7							
48 Ethyl acrylate	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
49 Carbon Disulfide	+++++	5.70363	3.93502	4.54358	4.37487	4.40629		
	4.66900						4.60540	12.869
50 Iodomethane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
51 3-Chloropropene	+++++	+++++	0.45900	0.72632	0.71305	0.70929		
	0.73771						0.66908	17.632
52 Acetonitrile	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
53 2-Methylpentane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
54 Cyclopentene	+++++	+++++	3.10905	+++++	3.14193	+++++		
	3.40348						3.21815	5.013
55 Cyclopentane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
56 Methylene Chloride	+++++	2.81330	2.60815	3.39476	3.24042	3.21765		
	3.44358						3.11964	10.730
57 tert-Butyl-Alcohol	+++++	+++++	2.16155	1.71713	2.46230	+++++		
	1.97180						2.07819	15.119

Air Toxics Ltd.

INITIAL CALIBRATION DATA

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Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
58 Freon143a	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
59 2,3,4-Trimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
60 MTBE	+++++	1.97968	2.04899	3.19183	3.18902	3.09628	3.07005	2.76264	21.070
61 trans-1,2-Dichloroethene	+++++	1.28566	1.20765	1.69882	1.62119	1.60122	1.62972	1.50738	13.672
62 Acrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
63 1-Hexene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
64 Pentanal	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
65 Hexane	+++++	2.35597	2.65893	3.52312	3.43413	3.36532	3.45476	3.13204	15.829
66 1-Propanol	+++++	+++++	0.43012	0.46768	0.58831	+++++	0.70459	0.54768	22.730
67 2,4,4-Trimethyl-1-pentene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 26-JAN-2007 18:21
End Cal Date : 08-MAR-2007 10:58
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
68 Isopropyl ether	+++++	+++++	8.24699	8.32322	9.60609	+++++	10.12973	9.07651	10.346
69 Vinyl Acetate	+++++	+++++	0.28223	0.33473	0.33429	0.34643	0.35217	0.32997	8.416
70 1,1-Dichloroethane	+++++	2.24413	2.74274	3.78301	3.66942	3.58482	3.69569	3.28664	19.396
71 2,4,4-Trimethyl-2-pentene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
72 t-Butylethyl Ether	+++++	+++++	4.42026	4.36434	5.68005	+++++	6.40270	5.21684	19.112
73 Butanal	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
74 Ethyl Acetate	+++++	+++++	0.73228	0.82136	0.97678	+++++	1.01981	0.88756	15.108
75 2-Butanone	+++++	0.34067	0.45093	0.75480	0.75553	0.75418	0.76130	0.63624	29.783
76 2,2-Dichloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
77 cis-1,2-Dichloroethene	+++++	1.89591	2.14568	3.08115	2.97172	2.89746	2.94503	2.65616	18.903

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 26-JAN-2007 18:21
End Cal Date : 08-MAR-2007 10:58
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	___ RRF	% RSD
	200.000 Level 7							
78 Methyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
79 Tetrahydrofuran	+++++	3.53011	2.33220	3.08686	2.98905	2.92693		
	3.00684						2.97866	12.892
81 Chloroform	2.51307	2.04178	2.47425	3.29377	3.18268	3.09480		
	3.13396						2.81919	16.822
82 2,3-Dimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
83 1,1,1-Trichloroethane	+++++	2.14801	2.53343	3.52909	3.39242	3.26327		
	3.25024						3.01941	18.183
84 Cyclohexane	+++++	1.54305	1.43465	2.05124	1.99875	1.93395		
	1.94874						1.81840	14.344
85 1-Bromo-2-Chloroethane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
86 Carbon Tetrachloride	+++++	1.89431	2.24093	3.37353	3.27291	3.16791		
	3.19821						2.85797	21.903
87 1,1-Dichloropropene	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
88 Isobutanol	+++++	+++++	0.42166	0.46954	0.65652	+++++		
	0.71949						0.56680	25.340

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 26-JAN-2007 18:21
End Cal Date : 08-MAR-2007 10:58
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
89 2,2,4-Trimethylpentane	+++++	6.57432	7.64949	10.71317	10.32308	10.21300	10.48952	9.32710	18.841
91 Benzene	1.16624	0.83898	0.85589	1.19494	1.10378	1.09549	1.11389	1.05275	13.750
92 tert-amyl-Methyl Ether	+++++	+++++	3.05724	2.79220	3.52710	+++++	3.90903	3.32139	14.928
93 1,2-Dichloroethane	+++++	0.47435	0.50531	0.73641	0.68207	0.67487	0.68041	0.62557	17.253
94 Heptane	+++++	0.27322	0.24981	0.36366	0.33791	0.33959	0.34210	0.31772	14.203
95 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
97 2-Heptanone	+++++	+++++	3.30624	3.94742	4.98641	+++++	5.85982	4.52497	24.917
98 1-Butanol	+++++	+++++	0.25524	0.33682	0.51253	+++++	0.57294	0.41938	35.370
99 trans-1,4-dichloro-2-butene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
100 Trichloroethene	+++++	0.34899	0.33728	0.49457	0.46218	0.45368	0.45236	0.42484	15.350

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 26-JAN-2007 18:21
End Cal Date : 08-MAR-2007 10:58
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
101 2-Pentanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
102 Methyl Cyclohexane	+++++	1.55573	1.85412	2.54076	2.47111	2.40664	2.42892	2.20954	18.316
103 Methyl Methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
104 1,2-Dichloropropane	+++++	0.38312	0.34974	0.49461	0.46427	0.45780	0.46299	0.43542	12.858
105 Alphamethylstyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
106 1,4-Dioxane	+++++	+++++	0.17476	0.27373	0.25884	0.26011	0.26378	0.24625	16.401
107 Dibromomethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
108 Bromodichloromethane	+++++	0.47205	0.51386	0.81958	0.77237	0.77061	0.77513	0.68727	22.144
109 Epichlorohydrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
110 Dodecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 26-JAN-2007 18:21
End Cal Date : 08-MAR-2007 10:58
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
111 cis-1,3-Dichloropropene	+++++	0.41772	0.43912	0.66179	0.62638	0.62113	0.62766	0.56563	19.000
112 4-Methyl-2-pentanone	+++++	0.23730	0.26310	0.48871	0.46947	0.47017	0.47776	0.40109	29.262
114 Octane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
115 Toluene	+++++	1.17880	0.89553	1.31484	1.23663	1.23436	1.23791	1.18301	12.456
116 trans-1,3-Dichloropropene	+++++	0.42252	0.43680	0.69661	0.66895	0.66862	0.69904	0.59876	21.996
117 Undecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
118 1,1,2-Trichloroethane	+++++	0.39075	0.36470	0.54094	0.51007	0.50282	0.51050	0.46996	15.556
119 Tetrachloroethene	+++++	0.47409	0.44177	0.60711	0.58159	0.56692	0.56872	0.54003	12.221
120 2-Hexanone	+++++	+++++	0.35944	0.70434	0.69732	0.71479	0.75519	0.64622	25.049
121 1,3-Dichloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 26-JAN-2007 18:21
End Cal Date : 08-MAR-2007 10:58
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
122 Butyl Acetate	+++++	+++++	0.55868	0.60755	0.75105	+++++	0.81024	0.68188	17.345
123 Dibromochloromethane	+++++	0.51727	0.48473	0.88664	0.87107	0.85267	0.86930	0.74695	25.583
124 1,2-Dibromoethane	+++++	0.51691	0.48303	0.81020	0.78481	0.77872	0.78714	0.69347	21.724
126 Chlorobenzene	+++++	0.97701	0.83921	1.17689	1.14256	1.13762	1.15567	1.07149	12.556
127 Nonane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
128 Ethyl Benzene	+++++	0.45695	0.45637	0.64529	0.62830	0.60705	0.62135	0.56922	15.469
129 1,1,1,2-Tetrachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
130 m,p-Xylene	1.09200	0.60524	0.56853	0.79320	0.76890	0.75300	0.74894	0.76140	22.248
131 o-Xylene	+++++	0.69110	0.56924	0.79433	0.78221	0.76971	0.77715	0.73062	11.935
132 Styrene	1.37287	0.78673	0.69491	1.17743	1.19616	1.22834	1.26786	1.10347	23.296

Air Toxics Ltd.

INITIAL CALIBRATION DATA

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Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
133 Bromoform	+++++	0.51567	0.46641	0.83064	0.84591	0.85116	0.85972	0.72825	25.354
134 alpha-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
135 Cumene	3.80891	2.26158	1.75120	2.37013	2.38441	2.39233	2.48557	2.49345	25.219
136 Cyclohexanone	+++++	+++++	0.85396	0.93942	1.15815	+++++	1.41788	1.09235	23.070
138 1,1,2,2-Tetrachloroethane	+++++	1.19270	0.90017	1.21666	1.23416	1.25145	1.30529	1.18340	12.156
139 Propylbenzene	+++++	2.78444	2.21394	3.05151	3.04866	3.11273	3.31192	2.92054	13.186
140 Bromobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
141 1,2,3-Trichloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
142 Decane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
143 Diisobutyl Ketone	+++++	+++++	2.00338	2.25969	2.62642	+++++	3.13859	2.50702	19.649

Air Toxics Ltd.

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Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
144 4-Ethyltoluene	+++++	2.39145	1.76367	2.36900	2.42563	2.48051	2.63444	2.34412	12.788
145 2-Chlorotoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
146 1,3,5-Trimethylbenzene	+++++	1.78795	1.40329	1.80147	1.83865	1.88567	2.00292	1.78666	11.374
147 4-Chlorotoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
148 beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
149 tert-Butylbenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
150 1,2,4-Trimethylbenzene	+++++	2.00125	1.37332	1.78862	1.86547	1.91743	2.06507	1.83519	13.427
151 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
152 sec-Butylbenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
153 bis(2-chloroethyl)ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Air Toxics Ltd.

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Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	200.000 Level 7	___ RRF	% RSD
154 D-Limonene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
155 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
156 1,3-Dichlorobenzene	+++++	1.28663	0.91341	1.19011	1.25221	1.30313	1.40729	1.22546	13.760
157 1,4-Dichlorobenzene	+++++	1.18133	0.91555	1.19145	1.26178	1.31263	1.42904	1.21530	14.199
158 1,2,3-Trimethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
159 alpha-Chlorotoluene	+++++	1.72281	1.40063	1.93233	2.09890	2.18762	2.48069	1.97050	19.143
160 Indan	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
161 Butylbenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
162 1,2-Dichlorobenzene	+++++	1.26183	0.90992	1.07206	1.15454	1.21224	1.36302	1.16227	13.582
163 Indene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Air Toxics Ltd.

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Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	___ RRF	% RSD	
	200.000 Level 7								
164 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	
165 Aniline	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	
166 Isooctyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	
167 1,2,4-Trichlorobenzene	+++++	+++++	0.38589	0.31035	0.38389	0.42630			
	0.58319						0.41792	24.266	
168 Hexachlorobutadiene	+++++	+++++	0.27758	0.26859	0.30345	0.32721			
	0.41095						0.31756	17.959	
169 Naphthalene	+++++	1.47013	0.83460	0.64948	0.90957	1.04793			
	1.50419						1.06932	32.587	<-
170 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	
171 1,3,5-Trichlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	
172 1,2,3-Trichlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	
173 Isooctyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	

Air Toxics Ltd.

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Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd1.i/1-08mar.b/t14q126d.m
Cal Date : 08-Mar-2007 11:29 sruth
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	2.000 Level 3	25.000 Level 4	50.000 Level 5	100.000 Level 6	___ RRF	% RSD
	200.000 Level 7							
203 Propane	+++++	+++++	1.11908	+++++	1.05960	+++++		
	1.03850						1.07239	3.896
$ 90 1,2-Dichloroethane-d4	1.69626	1.71117	1.74469	1.72433	1.81972	1.76736		
	1.80558						1.75273	2.684
$ 113 Toluene-d8	0.99750	0.97533	0.98396	0.98815	0.98090	0.99053		
	0.98271						0.98558	0.731
$ 137 Bromofluorobenzene	0.62463	0.60967	0.60384	0.62235	0.63060	0.63396		
	0.65465						0.62567	2.672

Calibration History

Method : /chem/msd1.i/1-08mar.b/t14q126d.m
Start Cal Date: 26-JAN-2007 18:21
End Cal Date : 08-MAR-2007 10:58

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JAN-2007 18:21	AFCEElow	/chem/msd1.i/1-26jana.b/1012609.d
Cal Level: 2 , Cal Amount: 0.50000		
26-JAN-2007 19:36	AT04low+ENSR	/chem/msd1.i/1-26jana.b/1012610.d
Cal Level: 3 , Cal Amount: 2.00000		
08-MAR-2007 09:25	sp1d	/chem/msd1.i/1-08mar.b/1030802.d
21-FEB-2007 16:48	sp1c	/chem/msd1.i/1-21feb.b/1022107.d
31-JAN-2007 12:41	sp22b	/chem/msd1.i/1-31jan.b/1013104.d
26-JAN-2007 20:20	AT04mdl+ENSR	/chem/msd1.i/1-26jana.b/1012611.d
Cal Level: 4 , Cal Amount: 25.00000		
31-JAN-2007 13:34	sp22b	/chem/msd1.i/1-31jan.b/1013105.d
26-JAN-2007 20:57	AT04mdl+ENSR	/chem/msd1.i/1-26jana.b/1012612.d
Cal Level: 5 , Cal Amount: 50.00000		
08-MAR-2007 10:11	sp1d	/chem/msd1.i/1-08mar.b/1030803.d
21-FEB-2007 17:34	sp1c	/chem/msd1.i/1-21feb.b/1022108.d
31-JAN-2007 14:14	sp22b	/chem/msd1.i/1-31jan.b/1013106.d
26-JAN-2007 21:34	AT04mdl+ENSR	/chem/msd1.i/1-26jana.b/1012613.d
Cal Level: 6 , Cal Amount: 100.00000		
26-JAN-2007 22:11	AT04mdl+ENSR	/chem/msd1.i/1-26jana.b/1012614.d
Cal Level: 7 , Cal Amount: 200.00000		

08-MAR-2007 10:58	sp1d	/chem/msd1.i/1-08mar.b/1030804.d
21-FEB-2007 19:05	sp1c	/chem/msd1.i/1-21feb.b/1022109.d
31-JAN-2007 15:04	sp22b	/chem/msd1.i/1-31jan.b/1013107.d
26-JAN-2007 23:23	AT04mdl+ENSR	/chem/msd1.i/1-26jana.b/1012615.d

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 5

Ccal Level: 5 , Ccal Amount: 50.000		
08-MAR-2007 10:11	sp1dCCV	/chem/msd1.i/1-08mar.b/1030803a.d
Ccal Level: 5 , Ccal Amount: 50.000		
08-MAR-2007 10:11	sp1d	/chem/msd1.i/1-08mar.b/1030803.d

Logbook #: 1465

0056

MSD-1

@ Air Toxics Ltd.

m/z	ION ABUNDANCE CRITERIA	% REL. ABUNDANCE
50	15.0 – 40.0% of mass 95	30.32
75	30.0 – 60.0% of mass 95	44.39
95	Base peak, 100.00% relative abundance	100.00
96	5.0 – 9.0% of mass 95	6.64
173	Less than 2.0% of mass 174	(0.65)[1]
174	Greater than 50.0% of mass 95	70.91
175	5.0 – 9.0% of mass 174	(6.72)[1]
176	Greater than 95.0% but less than 101.0% of mass 174	(95.48)[1]
177	5.0 – 9.0% of mass 176	(6.31)[2]

[1] - value in parenthesis is % mass 174   [2] - value in parenthesis is % mass 176

Verify 176/174 m/z Ratio: (1076906 / 1127829) x100 = 95.485

BFB Injection Date: 1/26/07
BFB Injection Time: 1706
BFB File ID: 1012607
Tekmar Purge Flow: 4.1 ml/min
Vacuum: 2.9 x10^-5

IS/S Std.#: 1487-24	Exp. Date: 4-15-07
BCM	304683
1,4-DFB	1208906
CB-d5	1081956

Verified CCV IS vs ICAL mid-point (- 40%D) CT initials

NOAH Cart #: N/A **File #:** N/A

Calculation Check:

ppbv of compound $= \frac{Area_{Sample}}{Area_{IS}} \times \frac{Conc._{IS}}{RRF} = \frac{(554437)}{(304683)} \times \frac{(25)}{(1.75273)} = 25.955$

Reported Result 25.956

File ID:	1012613
Compound:	1,2-DCA-d4
Initials:	CT

	Use	File #	Sample / Client Name	Can #	Pressure	Amt Loaded	DF	Loader Init.	Date Analyzed	Time Analyzed	Review Init.	Comments
1	✓	~~1012607~~ 1012607 (SKS 1/26/07)	BFB Tune Check	843-2986	50ng	2.0µl	1.00	SKS	1/26/07	1706	SKS	
2	✓	1012608	System Blank	35246	Humid	200ml	1.00	SKS	↓	1736	SKS	
3		09	ICAL Level 1	1408-364	0.2ppbv	0.2ml	1.00	SKS	↓	1821	SKS	t14 @ 126a.m
4		10	2	↓	0.5ppbv	0.5ml	1.00	SKS	↓	1936	SKS	
5		11	3	↓	2.0ppbv	2.0ml	1.00	SKS	↓	2020	SKS	
6		12	4	↓	25ppbv	25ml	1.00	SKS	↓	2057	SKS	
7		13	5	↓	50ppbv	50ml	1.00	SKS	↓	2134	SKS	50ppbv (CCV)
8		14	6	↓	100ppbv	100ml	1.00	SKS	↓	2211	SKS/BS	
9		15	7	↓	200ppbv	200ml	1.00	SKS	↓	2323	SKS/BS	

Signature [signature]   Date 1/26/07

~~1012616~~	~~ICAL LCS~~										
1012616	ICAL LCS	1408-363	50ppm	100mL	1.00		1/27/07	1104	BM/RJ	ICAL LCS
↓ 17	ICAL LCS 2nd Source(50ppb)	1408-342	50ppbv	50mL	1.00		1/27/07	1227	BM/RJ	↓ Naptha ↓

Comments: Flow controller verification
Nist flow meter S/N 200-7744 exp 7/28/07
flow controller S/N AA04143049
Actual 24.1 mL/min nominal 25.5 mL/min

Signature

1/29/07
Date

@ Air Toxics Ltd.

MSD-1

Logbook #: 1465 0058

m/z	ION ABUNDANCE CRITERIA	% REL. ABUNDANCE
50	15.0 – 40.0% of mass 95	32.47
75	30.0 – 60.0% of mass 95	45.01
95	Base peak, 100.00% relative abundance	100.00
96	5.0 – 9.0% of mass 95	6.40
173	Less than 2.0% of mass 174	(0.59)[1]
174	Greater than 50.0% of mass 95	69.35
175	5.0 – 9.0% of mass 174	(7.08)[1]
176	Greater than 95.0% but less than 101.0% of mass 174	(95.78)[1]
177	5.0 – 9.0% of mass 176	(6.53)[2]

[1] - *value in parenthesis is % mass 174* [2] - *value in parenthesis is % mass 176*

Verify 176/174 m/z Ratio: 1047741/1093909 × 100 = 95.78

BFB Injection Date: 1/31/07
BFB Injection Time: 0935
BFB File ID: ~~1013~~ 1013101
Tekmar Purge Flow: 11.0 mL/min
Vacuum: 3.0 × 10-5 torr

IS/S Std.#: 1487-24	Exp. Date: 4/5/07
BCM 307029	
1,4-DFB 1182681	
CB-d5 1024571	

Verified CCV IS vs ICAL mid-point (- 40%D) [initials] *initials*

NOAH Cart #: NA **File #:** NA

Calculation Check:

ppbv of compound $= \frac{Area_{Sample}}{Area_{IS}} \times \frac{Conc._{IS}}{RRF} = \frac{(553223)}{(307029)} \times \frac{(25)}{(1.75273)} = 25.70$

Reported Result 25.70

File ID:	1013108
Compound:	1,2-DCA-d4
Initials:	[initials]

	Use	File # 1013101	Sample / Client Name	Can #	Pressure	Amt Loaded	DF	Loader Init.	Date Analyzed	Time Analyzed	Review Init.	Comments
1	✓	~~1013101~~	BFB TUNE CHECK	843-2785	50ng	2.0mL	1.00	[initials]	1/31/07	0935	[initials]/C.T.	file# = 1013101
2	✗	1013102	Lab Blank	12941	Humid	200mL	1.00	[initials]	1/31/07	1008	[initials]/C.T.	
3	/	03	Lab Blank	↓	↓	↓	↓	↓	↓	1148	[initials]/C.T.	
4	/	04	ICAL Level 3 (200ppmv/1200ppbv)	1408-369	2/12 ppbv	2.0mL	1.00	[initials]	1/31/07	1241	C.T.	1149126b,w
5	✓	05	ICAL Level 4 ↓		8/48 ppbv	8.0mL	1.00	[initials]	1/31/07	1334	C.T.	sp22b
6	✓	06	ICAL level 5 ↓		50/300 ppbv	50mL	1.00	[initials]	1/31/07	1414	C.T.	
7	✓	07	ICAL level 7 ↓		200/1200 ppbv	200mL	1.00	[initials]	1/31/07	1504	C.T.	
8	✓	08	CCV-1 (200ppbv)	1408-364	~~20~~ 50ppbv	50mL	1.00	[initials]	1/31/07	1549	[initials]/C.T.	Naphth
9		~~09~~	~~LCS Spectra (100~~									

C Taylor
Signature

1-31-07
Date

@ Air Toxics Ltd.

MSD-1

Logbook #: 1465

0059

m/z	ION ABUNDANCE CRITERIA	% REL. ABUNDANCE
50	15.0 – 40.0% of mass 95	36.39
75	30.0 – 60.0% of mass 95	48.36
95	Base peak, 100.00% relative abundance	100.00
96	5.0 – 9.0% of mass 95	6.58
173	Less than 2.0% of mass 174	(0.64)[1]
174	Greater than 50.0% of mass 95	67.21
175	5.0 – 9.0% of mass 174	(6.86)[1]
176	Greater than 95.0% but less than 101.0% of mass 174	(95.94)[1]
177	5.0 – 9.0% of mass 176	(6.27)[2]

[1] - value in parenthesis is % mass 174
[2] - value in parenthesis is % mass 176

Verify 176/174 m/z Ratio: 679838 / 708642 × 100 = 95.94

BFB Injection Date: 2-21-07
BFB Injection Time: 0928
BFB File ID: 1022101
Tekmar Purge Flow: 11.0 mL/min
Vacuum: 3.0 × 10⁻⁵ torr

IS/S Std.#: 1487-24	Exp. Date: 4-5-07
BCM	257921
1,4-DFB	1012651
CB-d5	899288

Verified CCV IS vs ICAL mid-point (- 40%D) [initials] *initials*

NOAH Cart #: NA **File #:** NA

Calculation Check:

ppbv of compound $= \frac{Area_{Sample}}{Area_{IS}} \times \frac{Conc._{IS}}{RRF} = \frac{(489623)}{(257921)} \times \frac{(25)}{(1.75273)} = 27.07$

Reported Result 27.07

File ID: 1022102
Compound: 1,2-DCA-d4
Initials: [initials]

	Use	File #	Sample / Client Name	Can #	Pressure	Amt Loaded	DF	Loader Init.	Date Analyzed	Time Analyzed	Review Init.	Comments
1	✓	1022101	BFB TUNE CHECK	843-2910	50ng	2.0mL	1.00	[initials]	2-21-07	0928	C.T.	
2	✓	02	CCV-1 (200ppbv)	1408364	50ppbv	50mL	1.00	[initials]	↓	0947	C.T.	
3	X	03	LCS spectra (50ppbv)	1408-374A	50ppbv	200mL	1.00	[initials]	↓	1235	C.T.	
4	X	04	↓	↓	↓	↓	↓	↓	↓	1346	C.T.	
5	✓	05	LCS Spectra 50ppbv	1408-363A	50ppbv	200mL	1.00	[initials]	2-21-07	1442	[initials] C.T.	1,3-Butadiene 150↑, 1,4-Dioxane, No propylene
6	✓	06	Lab Blank	12941	Humid	200mL	1.00	[initials]	2-21-07	1555	[initials] C.T.	
7	✓	07	~~THI Std.~~ ICAL Level 3	1408-378	~~50~~ 2.0ppbv	2.0mL	1.00	[initials]	2-21-07	1648	[initials] C.T.	S/p/c T/490126C
8	✓	08	ICAL Level 5	↓	50ppbv	50mL	1.00	[initials]	2-21-07	1734	[initials] C.T.	CCV sp
9	✓	09	ICAL Level 7	↓	200ppbv	200mL	1.00	[initials]	2-21-07	1905	KR	s/p/c T190126C

Signature [signature]

Date 2-21-07

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MSD-1

Logbook #: 1465

0900

m/z	ION ABUNDANCE CRITERIA	% REL. ABUNDANCE
50	15.0 – 40.0% of mass 95	35.66
75	30.0 – 60.0% of mass 95	48.38
95	Base peak, 100.00% relative abundance	100
96	5.0 – 9.0% of mass 95	6.72
173	Less than 2.0% of mass 174	(0.72)[1]
174	Greater than 50.0% of mass 95	65.15
175	5.0 – 9.0% of mass 174	(6.73)[1]
176	Greater than 95.0% but less than 101.0% of mass 174	(97.36)[1]
177	5.0 – 9.0% of mass 176	(6.43)[2]

[1] - value in parenthesis is % mass 174

[2] - value in parenthesis is % mass 176

BFB Injection Date: 3/8/07

BFB Injection Time: 0834

BFB File ID: 1030801

Tekmar Purge Flow: 11.4mL/min

Vacuum: 4.2e-5

IS/S Std.#:	1487-24	Exp. Date: 4/5/07
BCM	251540	
1,4-DFB	979838	
CB-d5	872034	

Verified CCV IS vs ICAL mid-point (- 40%D) initials

Verify 176/174 m/z Ratio: 647805/665365 x 100 = 97.36

NOAH Cart #: NA **File #:** NA

Calculation Check:

ppbv of compound = $\frac{\text{Area}_{\text{Sample}}}{\text{Area}_{\text{IS}}} \times \frac{\text{Conc.}_{\text{IS}}}{\text{RRF}} = \frac{(499586)}{(251540)} \times \frac{(25)}{(1.75273)} = 28.329$

File ID:	1030805
Compound:	1,2-DCA-d4
Initials:	

Reported Result 28.329

	Use	File #	Sample / Client Name	Can #	Pressure	Amt Loaded	DF	Loader Init.	Date Analyzed	Time Analyzed	Review Init.	Comments
1	✓	1030801	BFB Tune Check	843-2910	50ng	2uL	1.00		3/8/07	0834	/CT	
2	✓	02	ICAL (200ppbv) Lvl 3		2ppbv	2mL				0925	/CT	t14g126d
3	✓	03	Lvl 5		50ppbv	50mL				1011	/CT	sp2dCCV
4	✓	04	Lvl 7		200ppbv	200mL				1058	/CT	
5	✓	05	CCV-1 (100ppbv)	1408-364A	50ppbv	100mL				1144	/CT	
6	✓	06	CCVsp (200ppbv)	1408-402		50mL				1240	/CT	sp22bCCV
7	✓	07	LCS-1 (200ppbv)	1408-386						1343	/CT	
8	✓	08	Lab blank	12941	Humid	200mL				1447	/CT	
9	✓	09	070313A-01A	1L Bag	—	50mL	400			1551	/CT	100x

Signature

3/8/07 Date

Initial Calibration Narrative

A seven point initial calibration was analyzed on MSD-1 on 01/26/2007.

The following compounds used either 0.2 ppbv as the lowest calibration concentration: Chloroform, Benzene, Styrene, and Cumene.

Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-26jana.b/1012616.d
Lab Smp Id: LCS-1 Client Smp ID: LCS-1
Inj Date : 27-JAN-2007 11:04
Operator : srs Inst ID: msd1.i
Smp Info : 100ml #1408-363
Misc Info : 100ppbv-50ppbv
Comment :
Method : /chem/msd1.i/1-26jana.b/t14q126a.m
Meth Date : 30-Jan-2007 14:41 ctaylor Quant Type: ISTD
Cal Date : 26-JAN-2007 23:23 Cal File: 1012615.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: Spectra.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.745 (1.000)	130	335482	25.0000		80.00- 120.00	100.00
12.718	12.745 (1.000)	128	257960			29.99- 129.99	76.89
12.718	12.718 (1.000)	49	1163155			304.09- 404.09	346.71
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	1267981	25.0000		80.00- 120.00	100.00
14.487	14.515 (1.000)	88	201518			0.00- 65.79	15.89
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	1114872	25.0000		80.00- 120.00	100.00
19.768	19.768 (1.000)	82	633557			6.18- 106.18	56.83
$ 90 1,2-Dichloroethane-d4					CAS #: 17060-07-0		
13.796	13.796 (1.085)	65	564816	24.0139	24.014	80.00- 120.00	100.00
13.796	13.796 (1.085)	67	301032			0.62- 100.62	53.30
$ 113 Toluene-d8					CAS #: 2037-26-5		
17.142	17.142 (1.181)	98	1247184	24.9497	24.950	80.00- 120.00	100.00
17.142	17.142 (1.181)	70	141912			0.00- 61.35	11.38

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	859065			19.43- 119.43	68.88
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	710571	25.4669	25.467	80.00- 120.00	100.00
21.870	21.870 (1.106)	95	1051391			95.84- 195.84	147.96
21.870	21.870 (1.106)	176	685792			47.57- 147.57	96.51
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.893	4.893 (0.385)	85	3109234	54.4027	54.403	80.00- 120.00	100.00
4.893	4.893 (0.385)	87	994217			0.00- 81.56	31.98
18 Freon 114					CAS #: 76-14-2		
5.252	5.225 (0.413)	135	2056937	59.4391	59.439	80.00- 120.00	100.00
5.252	5.225 (0.413)	137	637226			0.00- 82.72	30.98
19 Chloromethane					CAS #: 74-87-3		
5.446	5.446 (0.428)	50	1544168	50.8068	50.807	80.00- 120.00	100.00
5.446	5.446 (0.428)	52	460347			0.00- 83.46	29.81
22 Vinyl Chloride					CAS #: 75-01-4		
5.805	5.805 (0.456)	62	1563600	59.6457	59.646	80.00- 120.00	100.00
5.805	5.805 (0.456)	64	477686			0.00- 84.58	30.55
23 1,3-Butadiene					CAS #: 106-99-0		
5.861	5.861 (0.461)	54	1350523	69.7596	69.760	80.00- 120.00	100.00
5.861	5.833 (0.461)	39	1423344			73.02- 173.02	105.39
27 Bromomethane					CAS #: 74-83-9		
6.773	6.773 (0.533)	94	1016725	55.8431	55.843	80.00- 120.00	100.00
6.773	6.773 (0.533)	96	956413			46.62- 146.62	94.07
30 Chloroethane					CAS #: 75-00-3		
7.049	7.050 (0.554)	64	693809	52.6534	52.653	80.00- 120.00	100.00
7.049	7.050 (0.554)	49	272634			0.00- 87.81	39.30
7.049	7.050 (0.554)	66	204576			0.00- 78.40	29.49
32 Trichlorofluoromethane/Fr11					CAS #: 75-69-4		
7.602	7.603 (0.598)	101	2966392	56.1539	56.154	80.00- 120.00	100.00
7.602	7.603 (0.598)	103	1899909			14.91- 114.91	64.05
39 Ethanol					CAS #: 64-17-5		
8.100	8.073 (0.637)	45	646975	50.3026	50.303	80.00- 120.00	100.00
8.100	8.073 (0.637)	43	131467			0.00- 71.11	20.32
8.100	8.073 (0.637)	46	237711			0.00- 84.12	36.74

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
44 Freon 113					CAS #: 76-13-1		
8.791	8.791 (0.691)	151	1641406	55.8718	55.872	80.00- 120.00	100.00
8.791	8.791 (0.691)	153	1049002			14.39- 114.39	63.91
8.791	8.791 (0.691)	101	2228030			87.18- 187.18	135.74
45 1,1-Dichloroethene					CAS #: 75-35-4		
8.874	8.874 (0.698)	61	2408843	56.7359	56.736	80.00- 120.00	100.00
8.874	8.874 (0.698)	96	1131029			0.00- 96.86	46.95
8.874	8.874 (0.698)	98	718879			0.00- 79.36	29.84
46 Acetone					CAS #: 67-64-1		
9.040	9.040 (0.711)	58	712155	55.2802	55.280	80.00- 120.00	100.00
9.040	9.040 (0.711)	43	2824002			367.91- 467.91	396.54
47 2-Propanol					CAS #: 67-63-0		
9.206	9.234 (0.724)	45	3232727	56.1733	56.173	80.00- 120.00	100.00
9.206	9.234 (0.724)	43	632733			0.00- 71.57	19.57
9.234	9.234 (0.726)	59	96149			0.00- 53.29	2.97
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.737)	76	3260036	52.7504	52.750	80.00- 120.00	100.00
51 3-Chloropropene					CAS #: 107-05-1		
9.649	9.676 (0.759)	76	439279	48.9256	48.926	80.00- 120.00	100.00
9.649	9.649 (0.759)	41	2234656			464.51- 564.51	508.71
56 Methylene Chloride					CAS #: 75-09-2		
9.953	9.953 (0.783)	49	2195389	52.4418	52.442	80.00- 120.00	100.00
9.953	9.953 (0.783)	84	943924			0.00- 92.95	43.00
9.953	9.953 (0.783)	51	644416			0.00- 82.62	29.35
60 MTBE					CAS #: 1634-04-4		
10.312	10.312 (0.811)	73	1840095	49.6348	49.635	80.00- 120.00	100.00
10.312	10.312 (0.811)	57	565083			0.00- 81.18	30.71
10.312	10.312 (0.811)	41	653904			0.00- 89.80	35.54
61 trans-1,2-Dichloroethene					CAS #: 156-60-5		
10.395	10.395 (0.817)	96	1162290	57.4597	57.460	80.00- 120.00	100.00
10.395	10.395 (0.817)	61	2112643			130.18- 230.18	181.77
10.395	10.395 (0.817)	98	733349			10.41- 110.41	63.10
65 Hexane					CAS #: 110-54-3		
10.754	10.755 (0.846)	57	2424522	57.6859	57.686	80.00- 120.00	100.00
10.754	10.755 (0.846)	43	1835687			27.06- 127.06	75.71
10.754	10.755 (0.846)	86	246094			0.00- 60.38	10.15

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
70 1,1-Dichloroethane					CAS #: 75-34-3		
11.225	11.225 (0.883)	63	2491751	56.4968	56.497	80.00- 120.00	100.00
11.225	11.225 (0.883)	65	748354			0.00- 79.70	30.03
75 2-Butanone					CAS #: 78-93-3		
12.248	12.275 (0.963)	72	485534	56.8685	56.868	80.00- 120.00	100.00
12.248	12.275 (0.963)	43	3470326			659.03- 759.03	714.74
12.248	12.275 (0.963)	57	218810			0.00- 97.36	45.07
77 cis-1,2-Dichloroethene					CAS #: 156-59-2		
12.275	12.275 (0.965)	61	1881584	52.7886	52.789	80.00- 120.00	100.00
12.275	12.275 (0.965)	96	1093572			9.98- 109.98	58.12
12.275	12.275 (0.965)	98	700617			0.00- 87.47	37.24
79 Tetrahydrofuran					CAS #: 109-99-9		
12.718	12.718 (1.000)	42	2037641	50.9773	50.977	80.00- 120.00	100.00
12.718	12.718 (1.000)	71	462672			0.00- 73.00	22.71
12.718	12.718 (1.000)	72	501284			0.00- 75.03	24.60
81 Chloroform					CAS #: 67-66-3		
12.801	12.801 (1.007)	83	2083562	55.0749	55.075	80.00- 120.00	100.00
12.801	12.801 (1.007)	85	1344895			14.20- 114.20	64.55
83 1,1,1-Trichloroethane					CAS #: 71-55-6		
13.132	13.160 (1.033)	97	2137526	52.7546	52.754	80.00- 120.00	100.00
13.132	13.160 (1.033)	99	1358213			13.57- 113.57	63.54
84 Cyclohexane					CAS #: 110-82-7		
13.160	13.160 (1.035)	84	1366740	56.0103	56.010	80.00- 120.00	100.00
13.160	13.160 (1.035)	56	2310412			121.14- 221.14	169.05
13.160	13.160 (1.035)	41	1506192			61.43- 161.43	110.20
86 Carbon Tetrachloride					CAS #: 56-23-5		
13.409	13.409 (1.054)	119	2025712	52.8191	52.819	80.00- 120.00	100.00
13.409	13.409 (1.054)	117	2095346			54.17- 154.17	103.44
89 2,2,4-Trimethylpentane					CAS #: 540-84-1		
13.768	13.768 (1.083)	57	6684305	53.4048	53.405	80.00- 120.00	100.00
13.741	13.768 (1.080)	56	2299626			0.00- 85.19	34.40
13.768	13.768 (1.083)	41	2071860			0.00- 84.57	31.00
91 Benzene					CAS #: 71-43-2		
13.824	13.824 (0.952)	78	2859037	53.5455	53.546	80.00- 120.00	100.00
13.824	13.824 (0.952)	77	611262			0.00- 73.17	21.38
93 1,2-Dichloroethane					CAS #: 107-06-2		
13.934	13.962 (0.960)	62	1740385	54.8525	54.852	80.00- 120.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
93 1,2-Dichloroethane (continued)							
13.934	13.962 (0.960)	64	523188			0.00- 84.01	30.06
94 Heptane					CAS #: 142-82-5		
14.045	14.073 (0.968)	71	891312	55.3117	55.312	80.00- 120.00	100.00
14.045	14.073 (0.968)	43	2760436			258.41- 358.41	309.70
14.045	14.073 (0.968)	57	1244614			87.56- 187.56	139.64
100 Trichloroethene					CAS #: 79-01-6		
14.957	14.985 (1.030)	95	1154158	53.5629	53.563	80.00- 120.00	100.00
14.985	14.985 (1.032)	130	1107830			44.02- 144.02	95.99
14.957	14.985 (1.030)	97	735119			14.61- 114.61	63.69
104 1,2-Dichloropropane					CAS #: 78-87-5		
15.455	15.455 (1.065)	63	1206046	54.6112	54.611	80.00- 120.00	100.00
15.455	15.455 (1.065)	62	905405			24.57- 124.57	75.07
15.455	15.455 (1.065)	41	974053			30.92- 130.92	80.76
106 1,4-Dioxane					CAS #: 123-91-1		
15.593	15.593 (1.074)	88	625600	50.0906	50.090	80.00- 120.00	100.00
15.593	15.593 (1.074)	58	559789			38.39- 138.39	89.48
15.593	15.593 (1.074)	57	198922			0.00- 82.05	31.80
108 Bromodichloromethane					CAS #: 75-27-4		
15.897	15.897 (1.095)	83	1991321	57.1272	57.127	80.00- 120.00	100.00
15.897	15.897 (1.095)	85	1245589			14.23- 114.23	62.55
111 cis-1,3-Dichloropropene					CAS #: 10061-01-5		
16.699	16.699 (1.150)	75	1500985	52.3201	52.320	80.00- 120.00	100.00
16.699	16.699 (1.150)	77	477201			0.00- 81.10	31.79
16.699	16.699 (1.150)	39	1360787			39.01- 139.01	90.66
112 4-Methyl-2-pentanone					CAS #: 108-10-1		
16.893	16.920 (1.164)	58	1168200	57.4256	57.426	80.00- 120.00	100.00
16.893	16.920 (1.164)	43	3656452			266.86- 366.86	313.00
16.893	16.920 (1.164)	85	357442			0.00- 81.73	30.60
115 Toluene					CAS #: 108-88-3		
17.252	17.280 (1.189)	91	3025408	50.4223	50.422	80.00- 120.00	100.00
17.252	17.280 (1.189)	92	1925901			13.12- 113.12	63.66
116 trans-1,3-Dichloropropene					CAS #: 10061-02-6		
17.694	17.722 (0.895)	75	1579736	59.1628	59.163	80.00- 120.00	100.00
17.694	17.722 (0.895)	77	504519			0.00- 82.09	31.94
17.694	17.695 (0.895)	39	1362359			34.88- 134.88	86.24

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
118 1,1,2-Trichloroethane					CAS #: 79-00-5		
18.054	18.054 (0.913)	97	1141557	54.4688	54.469	80.00- 120.00	100.00
18.054	18.054 (0.913)	99	710372			12.53- 112.53	62.23
18.054	18.054 (0.913)	83	941716			32.62- 132.62	82.49
119 Tetrachloroethene					CAS #: 127-18-4		
18.220	18.220 (0.922)	166	1322946	54.9335	54.934	80.00- 120.00	100.00
18.220	18.220 (0.922)	129	1037653			28.42- 128.42	78.44
18.220	18.220 (0.922)	131	993341			24.67- 124.67	75.09
120 2-Hexanone					CAS #: 591-78-6		
18.386	18.386 (0.930)	58	1600004	55.5209	55.521	80.00- 120.00	100.00
18.386	18.386 (0.930)	43	3532415			174.08- 274.08	220.78
18.386	18.386 (0.930)	100	203286			0.00- 63.33	12.71
123 Dibromochloromethane					CAS #: 124-48-1		
18.745	18.745 (0.948)	129	1975185	59.2972	59.297	80.00- 120.00	100.00
18.745	18.745 (0.948)	127	1540066			28.74- 128.74	77.97
124 1,2-Dibromoethane					CAS #: 106-93-4		
19.022	19.022 (0.962)	107	1801136	58.2420	58.242	80.00- 120.00	100.00
19.022	19.022 (0.962)	109	1696052			43.23- 143.23	94.17
126 Chlorobenzene					CAS #: 108-90-7		
19.823	19.824 (1.003)	112	2641317	55.2771	55.277	80.00- 120.00	100.00
19.823	19.824 (1.003)	114	835241			0.00- 82.17	31.62
19.823	19.824 (1.003)	77	1516301			7.52- 107.52	57.41
128 Ethyl Benzene					CAS #: 100-41-4		
19.934	19.934 (1.008)	106	1414244	55.7136	55.714	80.00- 120.00	100.00
19.934	19.934 (1.008)	91	4462345			278.01- 378.01	315.53
130 m,p-Xylene					CAS #: 108-38-3		
20.128	20.128 (1.018)	106	1843660	54.2977	54.298	80.00- 120.00	100.00
20.128	20.128 (1.018)	91	3600982			160.43- 260.43	195.32
131 o-Xylene					CAS #: 95-47-6		
20.874	20.874 (1.056)	106	1787167	54.8512	54.851	80.00- 120.00	100.00
20.874	20.874 (1.056)	91	3734963			156.06- 256.06	208.99
132 Styrene					CAS #: 100-42-5		
20.902	20.902 (1.057)	104	2829045	57.4902	57.490	80.00- 120.00	100.00
20.902	20.902 (1.057)	78	1427659			0.92- 100.92	50.46
133 Bromoform					CAS #: 75-25-2		
21.317	21.317 (1.078)	173	1891563	58.2444	58.244	80.00- 120.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
133 Bromoform (continued)							
21.317	21.317 (1.078)	171	965861			1.41- 101.41	51.06
135 Cumene					CAS #: 98-82-8		
21.482	21.483 (1.087)	105	5372087	48.3123	48.312	80.00- 120.00	100.00
21.482	21.483 (1.087)	120	1417162			0.00- 74.93	26.38
21.482	21.483 (1.087)	51	814632			0.00- 67.07	15.16
138 1,1,2,2-Tetrachloroethane					CAS #: 79-34-5		
22.091	22.091 (1.117)	83	2900600	54.9630	54.963	80.00- 120.00	100.00
22.091	22.091 (1.117)	85	1879038			14.46- 114.46	64.78
139 Propylbenzene					CAS #: 103-65-1		
22.229	22.229 (1.124)	91	6917632	53.1141	53.114	80.00- 120.00	100.00
22.229	22.229 (1.124)	120	1539647			0.00- 72.02	22.26
22.229	22.229 (1.124)	105	243947			0.00- 54.30	3.53
144 4-Ethyltoluene					CAS #: 622-96-8		
22.423	22.423 (1.134)	105	5796652	55.4515	55.451	80.00- 120.00	100.00
22.423	22.423 (1.134)	120	1785930			0.00- 80.42	30.81
146 1,3,5-Trimethylbenzene					CAS #: 108-67-8		
22.533	22.533 (1.140)	105	4593673	57.6546	57.655	80.00- 120.00	100.00
22.533	22.533 (1.140)	120	2350740			0.00- 99.69	51.17
150 1,2,4-Trimethylbenzene					CAS #: 95-63-6		
23.224	23.225 (1.175)	105	4572588	55.8721	55.872	80.00- 120.00	100.00
23.224	23.225 (1.175)	120	2206468			0.00- 97.68	48.25
156 1,3-Dichlorobenzene					CAS #: 541-73-1		
23.833	23.833 (1.206)	146	3076957	56.3036	56.304	80.00- 120.00	100.00
23.833	23.833 (1.206)	148	1947534			12.59- 112.59	63.29
23.833	23.833 (1.206)	111	1273441			0.00- 90.49	41.39
157 1,4-Dichlorobenzene					CAS #: 106-46-7		
23.999	23.999 (1.214)	146	3167248	58.4406	58.440	80.00- 120.00	100.00
23.999	23.999 (1.214)	148	1994166			15.28- 115.28	62.96
23.999	23.999 (1.214)	111	1245074			0.00- 90.12	39.31
159 alpha-Chlorotoluene					CAS #: 100-44-7		
24.220	24.248 (1.225)	91	4975302	56.6186	56.618	80.00- 120.00	100.00
24.247	24.248 (1.227)	126	984413			0.00- 70.00	19.79
162 1,2-Dichlorobenzene					CAS #: 95-50-1		
24.690	24.690 (1.249)	146	2880612	55.5768	55.577	80.00- 120.00	100.00
24.690	24.690 (1.249)	148	1819733			13.35- 113.35	63.17

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	CONCENTRATIONS FINAL (PPBV)	TARGET RANGE	RATIO
162 1,2-Dichlorobenzene (continued)							
24.690	24.690 (1.249)	111	1218110			0.00- 93.38	42.29
167 1,2,4-Trichlorobenzene					CAS #: 120-82-1		
27.759	27.759 (1.404)	180	1067979	57.3034	57.303	80.00- 120.00	100.00
27.759	27.759 (1.404)	182	1011201			45.15- 145.15	94.68
168 Hexachlorobutadiene					CAS #: 87-68-3		
27.952	27.953 (1.414)	225	861274	60.8182	60.818	80.00- 120.00	100.00
27.952	27.953 (1.414)	223	540780			16.53- 116.53	62.79
29 Isopentane					CAS #: 78-78-4		
7.105	7.105 (0.559)	43	2340360	58.0711	58.071	80.00- 120.00	100.00
7.105	7.105 (0.559)	57	1351081			7.08- 107.08	57.73
20 Butane					CAS #: 106-97-8		
5.695	5.695 (0.448)	58	279098	65.0395	65.040	80.00- 120.00	100.00(R)
5.695	5.695 (0.448)	43	2786701			988.87-1088.87	998.47
102 Methyl Cyclohexane					CAS #: 108-87-2		
15.234	15.261 (1.198)	83	1598794	53.9213	53.921	80.00- 120.00	100.00
15.234	15.261 (1.198)	98	714740			0.00- 95.08	44.70
15.234	15.261 (1.198)	55	1980421			72.81- 172.81	123.87

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Report Date: 30-Jan-2007 14:43

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1012616.d
Lab Smp Id: LCS-1
Analysis Type: VOA
Quant Type: ISTD
Operator: srs
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 100ppbv-50ppbv

Calibration Date: 26-JAN-2007
Calibration Time: 21:34
Client Smp ID: LCS-1
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	304683	182810	426556	335482	10.11
96 1,4-Difluorobenze	1208906	725344	1692468	1267981	4.89
125 Chlorobenzene-d5	1081956	649174	1514738	1114872	3.04

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.75	12.42	13.08	12.72	-0.22
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Report Date: 30-Jan-2007 14:43

Air Toxics Ltd.

RECOVERY REPORT

Client Name: Client SDG: 1-26jana
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: LCS-1 Client Smp ID: LCS-1
Level: LOW Operator: srs
Data Type: MS DATA SampleType: LCS
SpikeList File: spectra.spk Quant Type: ISTD
Sublist File: Spectra.sub
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 100ppbv-50ppbv

SPIKE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
15 Dichlorodifluorome	50.000	54.403	108.81	70-130
18 Freon 114	50.000	59.439	118.88	70-130
19 Chloromethane	50.000	50.807	101.61	70-130
22 Vinyl Chloride	50.000	59.646	119.29	70-130
23 1,3-Butadiene	50.000	69.760	139.52	60-140
27 Bromomethane	50.000	55.843	111.69	70-130
30 Chloroethane	50.000	52.653	105.31	70-130
32 Trichlorofluoromet	50.000	56.154	112.31	70-130
39 Ethanol	50.000	50.303	100.61	60-140
44 Freon 113	50.000	55.872	111.74	70-130
45 1,1-Dichloroethene	50.000	56.736	113.47	70-130
46 Acetone	50.000	55.280	110.56	60-140
49 Carbon Disulfide	50.000	52.750	105.50	60-140
47 2-Propanol	50.000	56.173	112.35	60-140
56 Methylene Chloride	50.000	52.442	104.88	70-130
60 MTBE	50.000	49.635	99.27	60-140
61 trans-1,2-Dichloro	50.000	57.460	114.92	60-140
65 Hexane	50.000	57.686	115.37	60-140
70 1,1-Dichloroethane	50.000	56.497	112.99	70-130
77 cis-1,2-Dichloroet	50.000	52.789	105.58	70-130
75 2-Butanone	50.000	56.868	113.74	60-140
79 Tetrahydrofuran	50.000	50.977	101.95	60-140
81 Chloroform	50.000	55.075	110.15	70-130
84 Cyclohexane	50.000	56.010	112.02	60-140
83 1,1,1-Trichloroeth	50.000	52.754	105.51	70-130
86 Carbon Tetrachlori	50.000	52.819	105.64	70-130
91 Benzene	50.000	53.546	107.09	70-130
93 1,2-Dichloroethane	50.000	54.852	109.71	70-130
94 Heptane	50.000	55.312	110.62	60-140
100 Trichloroethene	50.000	53.563	107.13	70-130
104 1,2-Dichloropropan	50.000	54.611	109.22	70-130
106 1,4-Dioxane	50.000	50.090	100.18	60-140
108 Bromodichlorometha	50.000	57.127	114.25	60-140

SPIKE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
111 cis-1,3-Dichloropr	50.000	52.320	104.64	70-130
112 4-Methyl-2-pentano	50.000	57.426	114.85	60-140
115 Toluene	50.000	50.422	100.84	70-130
116 trans-1,3-Dichloro	50.000	59.163	118.33	70-130
118 1,1,2-Trichloroeth	50.000	54.469	108.94	70-130
119 Tetrachloroethene	50.000	54.934	109.87	70-130
120 2-Hexanone	50.000	55.521	111.04	60-140
123 Dibromochlorometha	50.000	59.297	118.59	60-140
124 1,2-Dibromoethane	50.000	58.242	116.48	70-130
126 Chlorobenzene	50.000	55.277	110.55	70-130
128 Ethyl Benzene	50.000	55.714	111.43	70-130
130 m,p-Xylene	50.000	54.298	108.60	70-130
131 o-Xylene	50.000	54.851	109.70	70-130
132 Styrene	50.000	57.490	114.98	70-130
133 Bromoform	50.000	58.244	116.49	60-140
138 1,1,2,2-Tetrachlor	50.000	54.963	109.93	70-130
144 4-Ethyltoluene	50.000	55.451	110.90	60-140
146 1,3,5-Trimethylben	50.000	57.655	115.31	70-130
150 1,2,4-Trimethylben	50.000	55.872	111.74	70-130
156 1,3-Dichlorobenzen	50.000	56.304	112.61	70-130
157 1,4-Dichlorobenzen	50.000	58.440	116.88	70-130
159 alpha-Chlorotoluen	50.000	56.618	113.24	70-130
162 1,2-Dichlorobenzen	50.000	55.577	111.15	70-130
167 1,2,4-Trichloroben	50.000	57.303	114.61	70-130
168 Hexachlorobutadien	50.000	60.818	121.64	70-130
139 Propylbenzene	50.000	53.114	106.23	60-140
135 Cumene	50.000	48.312	96.62	60-140
51 3-Chloropropene	50.000	48.926	97.85	60-140
89 2,2,4-Trimethylpen	50.000	53.405	106.81	60-140
29 Isopentane	50.000	58.071	116.14	70-130
20 Butane	50.000	65.040	130.08*	70-130
102 Methyl Cyclohexane	50.000	53.921	107.84	70-130

SURROGATE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
$ 90 1,2-Dichloroethane	25.000	24.014	96.06	70-130
$ 113 Toluene-d8	25.000	24.950	99.80	70-130
$ 137 Bromofluorobenzene	25.000	25.467	101.87	70-130

Data File: /chem/msd1.i/1-26jana.b/1012616.d

Date : 27-JAN-2007 11:04

Client ID: LCS-1

Sample Info: 100ml #1408-363

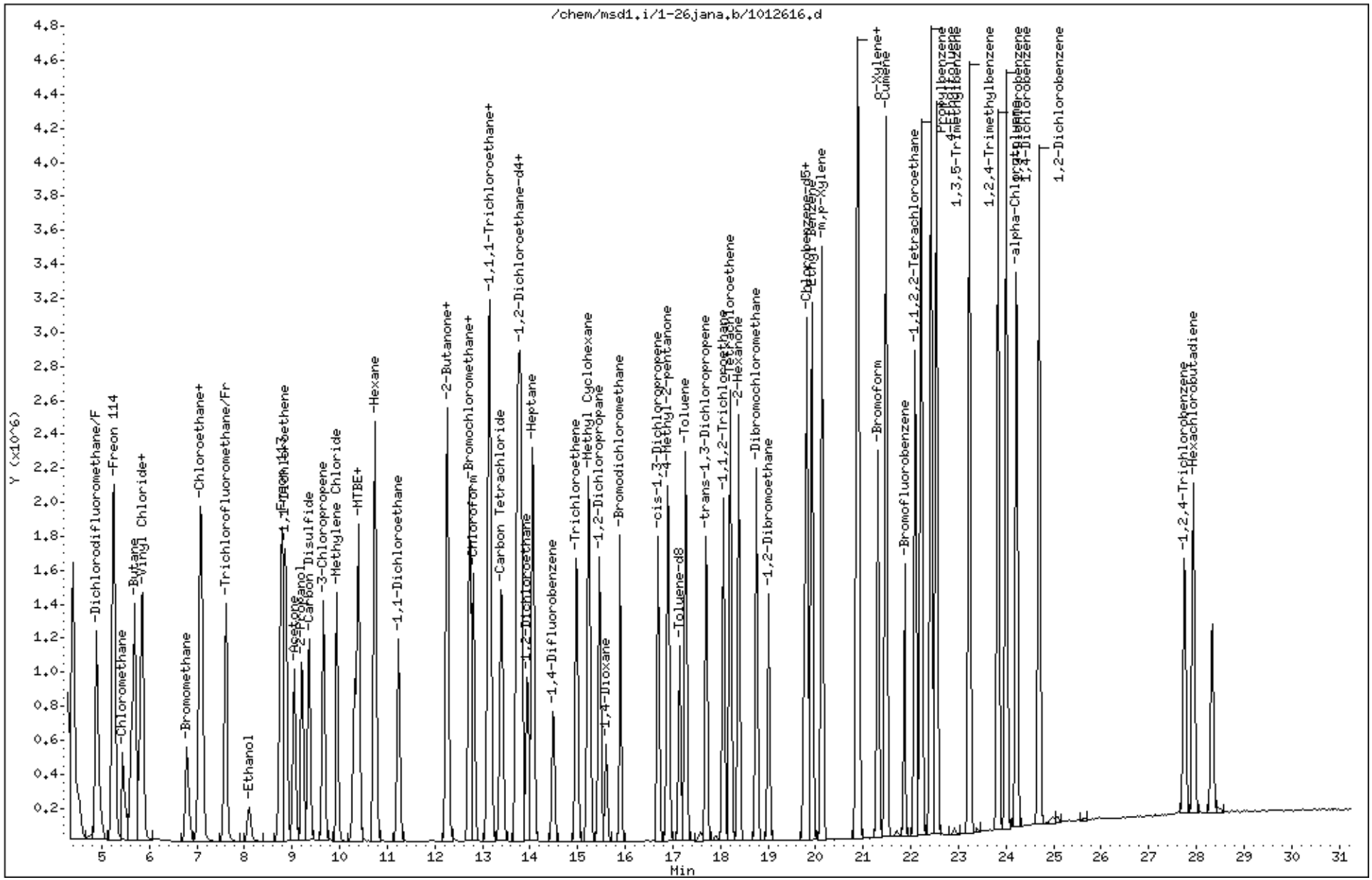
Column phase: RTx-624

Instrument: msd1.i

Operator: srs

Column diameter: 0.53

0073



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-26jana.b/1012617.d
Lab Smp Id: lcs Client Smp ID: X
Inj Date : 27-JAN-2007 12:27
Operator : srs Inst ID: msd1.i
Smp Info : 50ml #1408-342
Misc Info : 200ppbv-50ppbv
Comment :
Method : /chem/msd1.i/1-26jana.b/t14q126a.m
Meth Date : 30-Jan-2007 14:41 ctaylor Quant Type: ISTD
Cal Date : 26-JAN-2007 23:23 Cal File: 1012615.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: NaphPropLCS.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.745 (1.000)	130	322718	25.0000		80.00- 120.00	100.00
12.718	12.745 (1.000)	128	254021			29.99- 129.99	78.71
12.718	12.718 (1.000)	49	824471			304.09- 404.09	255.48
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	1256304	25.0000		80.00- 120.00	100.00
14.487	14.515 (1.000)	88	202854			0.00- 65.79	16.15
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	1111966	25.0000		80.00- 120.00	100.00
19.768	19.768 (1.000)	82	622451			6.18- 106.18	55.98
$ 90 1,2-Dichloroethane-d4					CAS #: 17060-07-0		
13.796	13.796 (1.085)	65	551306	24.3666	24.367	80.00- 120.00	100.00
13.796	13.796 (1.085)	67	259091			0.62- 100.62	47.00
$ 113 Toluene-d8					CAS #: 2037-26-5		
17.142	17.142 (1.181)	98	1203251	24.2945	24.294	80.00- 120.00	100.00
17.142	17.142 (1.181)	70	136757			0.00- 61.35	11.37

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	855714			19.43- 119.43	71.12
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	695874	25.0054	25.005	80.00- 120.00	100.00
21.870	21.870 (1.106)	95	1010982			95.84- 195.84	145.28
21.870	21.870 (1.106)	176	671196			47.57- 147.57	96.45
12 Propylene					CAS #: 115-07-1		
4.782	4.782 (0.376)	41	1510470	54.4405	54.440	80.00- 120.00	100.00
4.782	4.782 (0.376)	42	1075727			20.40- 120.40	71.22
4.782	4.782 (0.376)	39	1171172			28.43- 128.43	77.54
169 Naphthalene					CAS #: 91-20-3		
28.340	28.340 (1.434)	128	1536841	32.3126	32.312	80.00- 120.00	100.00(R)
28.340	28.340 (1.434)	127	187614			0.00- 67.34	12.21

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1012617.d
Lab Smp Id: lcs
Analysis Type: VOA
Quant Type: ISTD
Operator: srs
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 200ppbv-50ppbv

Calibration Date: 26-JAN-2007
Calibration Time: 21:34
Client Smp ID: X
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	304683	182810	426556	322718	5.92
96 1,4-Difluorobenze	1208906	725344	1692468	1256304	3.92
125 Chlorobenzene-d5	1081956	649174	1514738	1111966	2.77

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.75	12.42	13.08	12.72	-0.22
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Report Date: 30-Jan-2007 14:43

Air Toxics Ltd.

RECOVERY REPORT

Client Name: Client SDG: 1-26jana
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: lcs Client Smp ID: X
Level: LOW Operator: srs
Data Type: MS DATA SampleType: LCS
SpikeList File: NaphPropLCS.spk Quant Type: ISTD
Sublist File: NaphPropLCS.sub
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 200ppbv-50ppbv

SPIKE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
12 Propylene	50.000	54.440	108.88	70-130
169 Naphthalene	50.000	32.312	64.63*	70-130

SURROGATE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
$ 90 1,2-Dichloroethane	25.000	24.367	97.47	70-130
$ 113 Toluene-d8	25.000	24.294	97.18	70-130
$ 137 Bromofluorobenzene	25.000	25.005	100.02	70-130

Data File: /chem/msd1.i/1-26jana.b/1012617.d

Date : 27-JAN-2007 12:27

Client ID: X

Sample Info: 50ml #1408-342

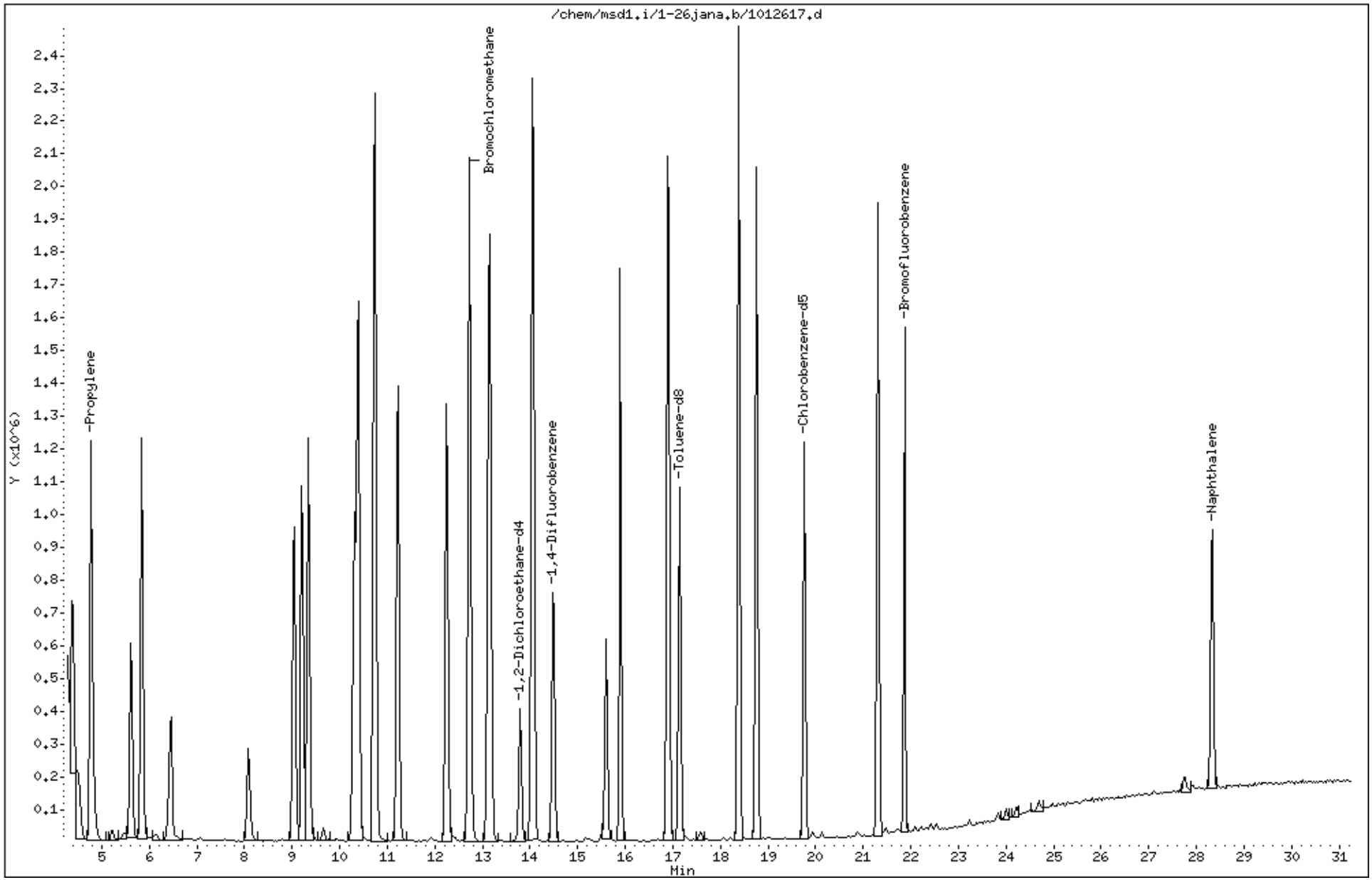
Column phase: RTx-624

Instrument: msd1.i

Operator: srs

Column diameter: 0.53

0078



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-26jana.b/1012609.d
Lab Smp Id: ICAL Client Smp ID: Level 1
Inj Date : 26-JAN-2007 18:21
Operator : srs Inst ID: msd1.i
Smp Info : 0.2mL #1408-364
Misc Info : 200ppbv -> 0.2ppbv
Comment :
Method : /chem/msd1.i/1-26jana.b/t14q126a.m
Meth Date : 30-Jan-2007 14:45 ctaylor Quant Type: ISTD
Cal Date : 26-JAN-2007 18:21 Cal File: 1012609.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: AFCEElow.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane					CAS #: 74-97-5		
12.745	12.745 (1.000)	130	314357	25.0000		50.00- 150.00	100.00
12.745	12.745 (1.000)	128	239191			28.02- 128.02	76.09
12.718	12.718 (1.000)	49	782623			259.08- 359.08	248.96
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	1185217	25.0000		50.00- 150.00	100.00
14.515	14.515 (1.000)	88	192117			0.00- 66.12	16.21
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	1077211	25.0000		50.00- 150.00	100.00
19.768	19.768 (1.000)	82	607429			6.18- 106.18	56.39
$ 90 1,2-Dichloroethane-d4					CAS #: 17060-07-0		
13.796	13.796 (1.082)	65	533230	25.0000	24.194	50.00- 150.00	100.00
13.824	13.824 (1.085)	67	248753			0.62- 100.62	46.65
$ 113 Toluene-d8					CAS #: 2037-26-5		
17.141	17.141 (1.181)	98	1182256	25.0000	25.302	50.00- 150.00	100.00
17.141	17.141 (1.181)	70	133197			0.00- 61.35	11.27

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.141	17.141 (1.181)	100	810622			19.43- 119.43	68.57
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	672858	25.0000	24.958	50.00- 150.00	100.00
21.870	21.870 (1.106)	95	976791			96.95- 196.95	145.17
21.870	21.870 (1.106)	176	646802			47.20- 147.20	96.13
81 Chloroform					CAS #: 67-66-3		
12.801	12.801 (1.004)	83	6320	0.20000	0.1783	50.00- 150.00	100.00(a)
12.801	12.801 (1.004)	85	4089			14.20- 114.20	64.70
91 Benzene					CAS #: 71-43-2		
13.824	13.824 (0.952)	78	11058	0.20000	0.2216	50.00- 150.00	100.00(a)
13.824	13.824 (0.952)	77	3196			0.00- 73.17	28.90
130 m,p-Xylene					CAS #: 108-38-3		
20.128	20.128 (1.018)	106	18821	0.40000	0.5737	50.00- 150.00	100.00
20.128	20.128 (1.018)	91	43805			160.43- 260.43	232.75
132 Styrene					CAS #: 100-42-5		
20.902	20.902 (1.057)	104	11831	0.20000	0.2488	50.00- 150.00	100.00(a)
20.902	20.902 (1.057)	78	8004			6.83- 106.83	67.65
135 Cumene					CAS #: 98-82-8		
21.482	21.482 (1.087)	105	32824	0.20000	0.3055	50.00- 150.00	100.00(a)
21.482	21.482 (1.087)	120	6981			0.00- 74.93	21.27
21.482	21.482 (1.087)	51	6538			0.00- 67.07	19.92

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Report Date: 30-Jan-2007 14:45

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1012609.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: srs
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 200ppbv -> 0.2ppbv

Calibration Date: 26-JAN-2007
Calibration Time: 21:34
Client Smp ID: Level 1
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	304683	182810	426556	314357	3.18
96 1,4-Difluorobenze	1208906	725344	1692468	1185217	-1.96
125 Chlorobenzene-d5	1081956	649174	1514738	1077211	-0.44

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.75	12.42	13.08	12.75	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

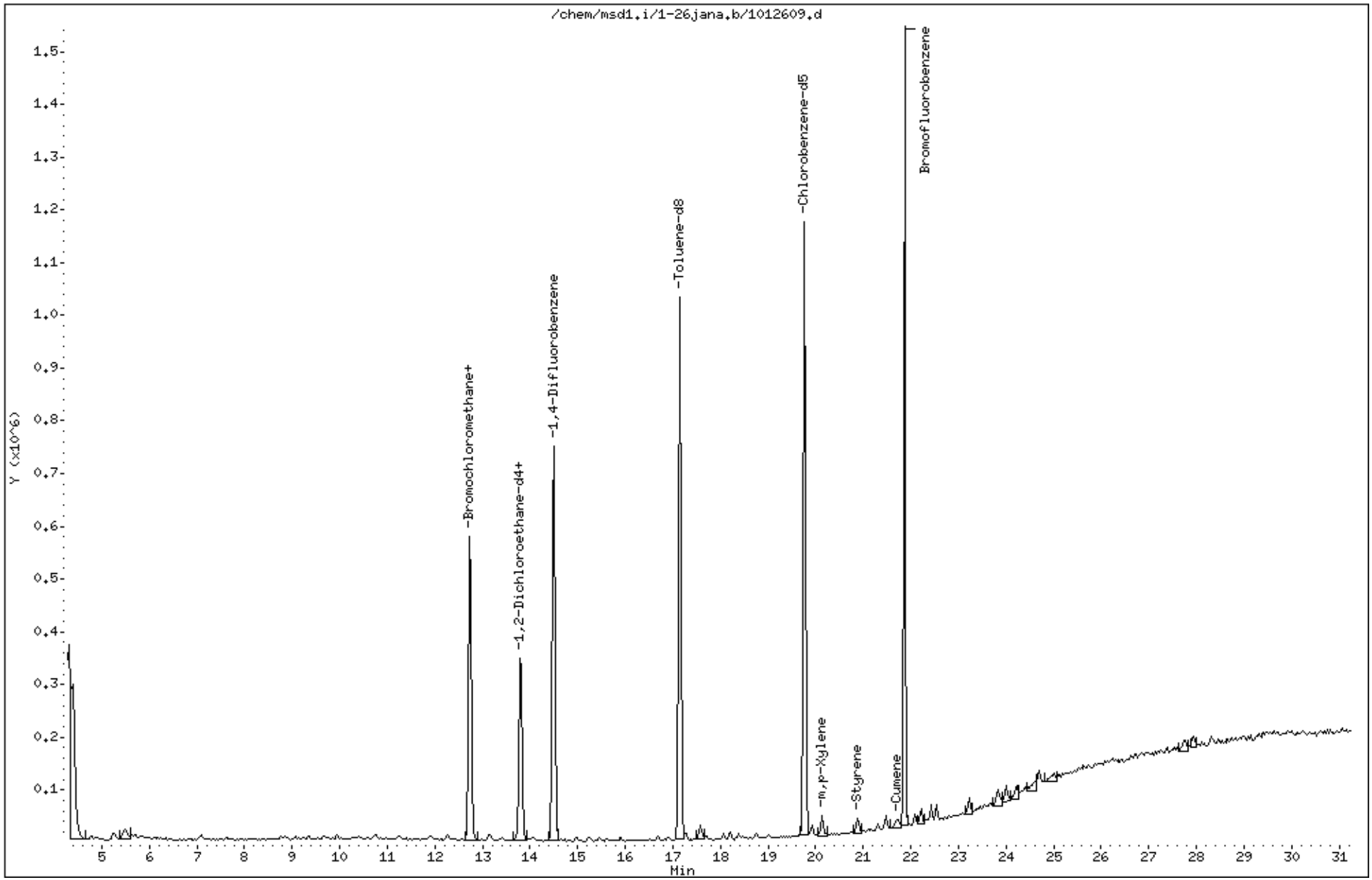
0082

Data File: /chem/msd1.i/1-26jana.b/1012609.d
Date : 26-JAN-2007 18:21
Client ID: Level 1
Sample Info: 0.2mL #1408-364

Instrument: msd1.i

Operator: srs
Column diameter: 0.53

Column phase: RTx-624



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-26jana.b/1012610.d
Lab Smp Id: ICAL Client Smp ID: Level 2
Inj Date : 26-JAN-2007 19:36
Operator : srs Inst ID: msd1.i
Smp Info : 0.5mL #1408-364
Misc Info : 200ppbv -> 0.5ppbv
Comment :
Method : /chem/msd1.i/1-26jana.b/t14q126a.m
Meth Date : 30-Jan-2007 14:46 ctaylor Quant Type: ISTD
Cal Date : 26-JAN-2007 19:36 Cal File: 1012610.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: AT04low+ENSR.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane						CAS #: 74-97-5	
12.718	12.718 (1.000)	130	311591	25.0000		50.00- 150.00	100.00
12.718	12.718 (1.000)	128	241779			28.02- 128.02	77.59
12.718	12.718 (1.000)	49	780951			259.08- 359.08	250.63
* 96 1,4-Difluorobenzene						CAS #: 540-36-3	
14.515	14.515 (1.000)	114	1173392	25.0000		50.00- 150.00	100.00
14.515	14.515 (1.000)	88	188956			0.00- 66.12	16.10
* 125 Chlorobenzene-d5						CAS #: 3114-55-4	
19.768	19.768 (1.000)	117	1090721	25.0000		50.00- 150.00	100.00
19.768	19.768 (1.000)	82	609289			6.18- 106.18	55.86
$ 90 1,2-Dichloroethane-d4						CAS #: 17060-07-0	
13.796	13.796 (1.085)	65	533186	25.0000	24.407	50.00- 150.00	100.00
13.796	13.796 (1.085)	67	256865			0.62- 100.62	48.18
$ 113 Toluene-d8						CAS #: 2037-26-5	
17.142	17.142 (1.181)	98	1144440	25.0000	24.740	50.00- 150.00	100.00
17.142	17.142 (1.181)	70	131557			0.00- 61.35	11.50

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	813800			19.43- 119.43	71.11
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	664985	25.0000	24.361	50.00- 150.00	100.00
21.870	21.870 (1.106)	95	989983			96.95- 196.95	148.87
21.870	21.870 (1.106)	176	640763			47.20- 147.20	96.36
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.893	4.893 (0.385)	85	22464	0.50000	0.4232	50.00- 150.00	100.00(a)
4.893	4.893 (0.385)	87	6899			0.00- 81.56	30.71
18 Freon 114					CAS #: 76-14-2		
5.252	5.252 (0.413)	135	15140	0.50000	0.4710	50.00- 150.00	100.00(a)
5.252	5.252 (0.413)	137	4300			0.00- 80.61	28.40
22 Vinyl Chloride					CAS #: 75-01-4		
5.805	5.805 (0.456)	62	9594	0.50000	0.3940	50.00- 150.00	100.00(a)
5.805	5.805 (0.456)	64	4926			0.00- 84.58	51.34
23 1,3-Butadiene					CAS #: 106-99-0		
5.861	5.861 (0.461)	54	6821	0.50000	0.3793	50.00- 150.00	100.00(a)
5.861	5.861 (0.461)	39	10239			73.02- 173.02	150.11
27 Bromomethane					CAS #: 74-83-9		
6.773	6.773 (0.533)	94	6918	0.50000	0.4091	50.00- 150.00	100.00(a)
6.801	6.801 (0.535)	96	6212			44.65- 144.65	89.79
30 Chloroethane					CAS #: 75-00-3		
7.050	7.050 (0.554)	64	6257	0.50000	0.5112	50.00- 150.00	100.00
7.050	7.050 (0.554)	49	1765			0.00- 87.81	28.21
0.000	1.000 (0.000)	66	0			0.00- 78.40	0.00
32 Trichlorofluoromethane/Fr11					CAS #: 75-69-4		
7.603	7.603 (0.598)	101	18776	0.50000	0.3827	50.00- 150.00	100.00(a)
7.603	7.603 (0.598)	103	11321			13.64- 113.64	60.30
44 Freon 113					CAS #: 76-13-1		
8.791	8.791 (0.691)	151	10815	0.50000	0.3964	50.00- 150.00	100.00(a)
8.791	8.791 (0.691)	153	7613			15.50- 115.50	70.39
8.791	8.791 (0.691)	101	14821			86.76- 186.76	137.04
45 1,1-Dichloroethene					CAS #: 75-35-4		
8.874	8.874 (0.698)	61	14516	0.50000	0.3681	50.00- 150.00	100.00(a)
8.874	8.874 (0.698)	96	8895			1.71- 101.71	61.28
8.874	8.874 (0.698)	98	3407			0.00- 78.25	23.47

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.737)	76	35544	0.50000	0.6192	50.00- 150.00	100.00
56 Methylene Chloride					CAS #: 75-09-2		
9.953	9.953 (0.783)	49	17532	0.50000	0.4509	50.00- 150.00	100.00(a)
9.953	9.953 (0.783)	84	9162			0.00- 95.37	52.26
9.953	9.953 (0.783)	51	7397			0.00- 82.62	42.19
60 MTBE					CAS #: 1634-04-4		
10.312	10.312 (0.811)	73	12337	0.50000	0.3583	50.00- 150.00	100.00(a)
10.312	10.312 (0.811)	57	5049			0.00- 83.12	40.93
10.312	10.312 (0.811)	41	5526			0.00- 89.80	44.79
61 trans-1,2-Dichloroethene					CAS #: 156-60-5		
10.395	10.395 (0.817)	96	8012	0.50000	0.4264	50.00- 150.00	100.00(a)
10.395	10.395 (0.817)	61	11030			122.08- 222.08	137.67
10.395	10.395 (0.817)	98	3955			10.41- 110.41	49.36
65 Hexane					CAS #: 110-54-3		
10.755	10.755 (0.846)	57	14682	0.50000	0.3761	50.00- 150.00	100.00(a)
10.755	10.755 (0.846)	43	12385			27.06- 127.06	84.35
10.755	10.755 (0.846)	86	1766			0.00- 60.38	12.03
70 1,1-Dichloroethane					CAS #: 75-34-3		
11.225	11.225 (0.883)	63	13985	0.50000	0.3414	50.00- 150.00	100.00(a)
11.225	11.225 (0.883)	65	4590			0.00- 80.72	32.82
75 2-Butanone					CAS #: 78-93-3		
12.248	12.248 (0.963)	72	2123	0.50000	0.2677	50.00- 150.00	100.00(a)
12.275	12.275 (0.965)	43	17595			686.92- 786.92	828.78
12.275	12.275 (0.965)	57	1036			0.00- 97.36	48.80
77 cis-1,2-Dichloroethene					CAS #: 156-59-2		
12.275	12.275 (0.965)	61	11815	0.50000	0.3569	50.00- 150.00	100.00(a)
12.275	12.275 (0.965)	96	6086			9.60- 109.60	51.51
12.275	12.275 (0.965)	98	3848			0.00- 86.30	32.57
79 Tetrahydrofuran					CAS #: 109-99-9		
12.718	12.718 (1.000)	42	21999	0.50000	0.5926	50.00- 150.00	100.00
12.745	12.745 (1.002)	71	4882			0.00- 72.67	22.19
12.718	12.718 (1.000)	72	5633			0.00- 75.03	25.61
81 Chloroform					CAS #: 67-66-3		
12.801	12.801 (1.007)	83	12724	0.50000	0.3621	50.00- 150.00	100.00(a)
12.801	12.801 (1.007)	85	8032			14.20- 114.20	63.12

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
83 1,1,1-Trichloroethane					CAS #: 71-55-6		
13.132	13.132 (1.033)	97	13386	0.50000	0.3557	50.00- 150.00	100.00(a)
13.132	13.132 (1.033)	99	6635			10.00- 110.00	49.57
84 Cyclohexane					CAS #: 110-82-7		
13.188	13.188 (1.037)	84	9616	0.50000	0.4243	50.00- 150.00	100.00(a)
13.160	13.160 (1.035)	56	14315			118.94- 218.94	148.87
13.160	13.160 (1.035)	41	12654			67.13- 167.13	131.59
86 Carbon Tetrachloride					CAS #: 56-23-5		
13.409	13.409 (1.054)	119	11805	0.50000	0.3314	50.00- 150.00	100.00(a)
13.381	13.381 (1.052)	117	11063			50.79- 150.79	93.71
91 Benzene					CAS #: 71-43-2		
13.824	13.824 (0.952)	78	19689	0.50000	0.3985	50.00- 150.00	100.00(a)
13.824	13.824 (0.952)	77	4686			0.00- 73.17	23.80
89 2,2,4-Trimethylpentane					CAS #: 540-84-1		
13.768	13.768 (1.083)	57	40970	0.50000	0.3524	50.00- 150.00	100.00(a)
13.768	13.768 (1.083)	56	15649			0.00- 85.19	38.20
13.768	13.768 (1.083)	41	18066			0.00- 84.57	44.10
93 1,2-Dichloroethane					CAS #: 107-06-2		
13.934	13.934 (0.960)	62	11132	0.50000	0.3791	50.00- 150.00	100.00(a)
13.962	13.962 (0.962)	64	5440			0.00- 84.01	48.87
94 Heptane					CAS #: 142-82-5		
14.073	14.073 (0.970)	71	6412	0.50000	0.4300	50.00- 150.00	100.00(a)
14.045	14.045 (0.968)	43	19037			258.41- 358.41	296.90
14.073	14.073 (0.970)	57	7880			87.56- 187.56	122.89
100 Trichloroethene					CAS #: 79-01-6		
14.957	14.957 (1.030)	95	8190	0.50000	0.4107	50.00- 150.00	100.00(a)
14.957	14.957 (1.030)	130	7684			45.44- 145.44	93.82
14.957	14.957 (1.030)	97	5411			15.24- 115.24	66.07
104 1,2-Dichloropropane					CAS #: 78-87-5		
15.455	15.455 (1.065)	63	8991	0.50000	0.4399	50.00- 150.00	100.00(a)
15.455	15.455 (1.065)	62	5783			22.51- 122.51	64.32
15.455	15.455 (1.065)	41	9929			38.81- 138.81	110.43
108 Bromodichloromethane					CAS #: 75-27-4		
15.897	15.897 (1.095)	83	11078	0.50000	0.3434	50.00- 150.00	100.00(a)
15.897	15.897 (1.095)	85	7062			14.33- 114.33	63.75
111 cis-1,3-Dichloropropene					CAS #: 10061-01-5		
16.699	16.699 (1.150)	75	9803	0.50000	0.3692	50.00- 150.00	100.00(a)

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
111 cis-1,3-Dichloropropene (continued)							
16.699	16.699 (1.150)	77	3249			0.00- 81.90	33.14
16.699	16.699 (1.150)	39	10705			44.47- 144.47	109.20
112 4-Methyl-2-pentanone					CAS #: 108-10-1		
16.893	16.893 (1.164)	58	5569	0.50000	0.2958	50.00- 150.00	100.00(a)
16.893	16.893 (1.164)	43	19844			266.86- 366.86	356.33
16.893	16.893 (1.164)	85	1826			0.00- 81.73	32.79
115 Toluene					CAS #: 108-88-3		
17.252	17.252 (1.189)	91	27664	0.50000	0.4982	50.00- 150.00	100.00(a)
17.252	17.252 (1.189)	92	13890			11.01- 111.01	50.21
116 trans-1,3-Dichloropropene					CAS #: 10061-02-6		
17.722	17.722 (0.896)	75	9217	0.50000	0.3528	50.00- 150.00	100.00(a)
17.722	17.722 (0.896)	77	3551			0.00- 83.01	38.53
17.695	17.695 (0.895)	39	11820			46.26- 146.26	128.24
118 1,1,2-Trichloroethane					CAS #: 79-00-5		
18.054	18.054 (0.913)	97	8524	0.50000	0.4157	50.00- 150.00	100.00(a)
18.054	18.054 (0.913)	99	5397			13.51- 113.51	63.32
18.054	18.054 (0.913)	83	5905			30.15- 130.15	69.27
119 Tetrachloroethene					CAS #: 127-18-4		
18.220	18.220 (0.922)	166	10342	0.50000	0.4389	50.00- 150.00	100.00(a)
18.220	18.220 (0.922)	129	7520			27.01- 127.01	72.71
18.220	18.220 (0.922)	131	6657			22.81- 122.81	64.37
123 Dibromochloromethane					CAS #: 124-48-1		
18.745	18.745 (0.948)	129	11284	0.50000	0.3462	50.00- 150.00	100.00(a)
18.745	18.745 (0.948)	127	9016			28.74- 128.74	79.90
124 1,2-Dibromoethane					CAS #: 106-93-4		
19.022	19.022 (0.962)	107	11276	0.50000	0.3727	50.00- 150.00	100.00(a)
19.022	19.022 (0.962)	109	11460			46.70- 146.70	101.63
126 Chlorobenzene					CAS #: 108-90-7		
19.824	19.824 (1.003)	112	21313	0.50000	0.4559	50.00- 150.00	100.00(a)
19.824	19.824 (1.003)	114	6768			0.00- 81.87	31.76
19.824	19.824 (1.003)	77	22306			19.98- 119.98	104.66
128 Ethyl Benzene					CAS #: 100-41-4		
19.934	19.934 (1.008)	106	9968	0.50000	0.4014	50.00- 150.00	100.00(a)
19.934	19.934 (1.008)	91	38044			278.01- 378.01	381.66
130 m,p-Xylene					CAS #: 108-38-3		
20.128	20.128 (1.018)	106	26406	1.00000	0.7949	50.00- 150.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
130 m,p-Xylene (continued)							
20.128	20.128 (1.018)	91	62952			160.43- 260.43	238.40
131 o-Xylene					CAS #: 95-47-6		
20.874	20.874 (1.056)	106	15076	0.50000	0.4730	50.00- 150.00	100.00(a)
20.874	20.874 (1.056)	91	31608			154.94- 254.94	209.66
132 Styrene					CAS #: 100-42-5		
20.902	20.902 (1.057)	104	17162	0.50000	0.3565	50.00- 150.00	100.00(a)
20.902	20.902 (1.057)	78	11019			6.83- 106.83	64.21
133 Bromoform					CAS #: 75-25-2		
21.317	21.317 (1.078)	173	11249	0.50000	0.3540	50.00- 150.00	100.00(a)
21.317	21.317 (1.078)	171	6364			2.03- 102.03	56.57
135 Cumene					CAS #: 98-82-8		
21.483	21.483 (1.087)	105	49335	0.50000	0.4535	50.00- 150.00	100.00(a)
21.483	21.483 (1.087)	120	10931			0.00- 74.93	22.16
21.483	21.483 (1.087)	51	10461			0.00- 67.07	21.20
138 1,1,2,2-Tetrachloroethane					CAS #: 79-34-5		
22.091	22.091 (1.117)	83	26018	0.50000	0.5039	50.00- 150.00	100.00
22.091	22.091 (1.117)	85	15967			13.14- 113.14	61.37
139 Propylbenzene					CAS #: 103-65-1		
22.229	22.229 (1.124)	91	60741	0.50000	0.4767	50.00- 150.00	100.00(a)
22.229	22.229 (1.124)	120	13614			0.00- 72.02	22.41
22.229	22.229 (1.124)	105	4132			0.00- 54.30	6.80
144 4-Ethyltoluene					CAS #: 622-96-8		
22.423	22.423 (1.134)	105	52168	0.50000	0.5101	50.00- 150.00	100.00
22.423	22.423 (1.134)	120	15991			0.00- 80.37	30.65
146 1,3,5-Trimethylbenzene					CAS #: 108-67-8		
22.533	22.533 (1.140)	105	39003	0.50000	0.5004	50.00- 150.00	100.00
22.533	22.533 (1.140)	120	18438			0.00- 99.69	47.27
150 1,2,4-Trimethylbenzene					CAS #: 95-63-6		
23.224	23.224 (1.175)	105	43656	0.50000	0.5452	50.00- 150.00	100.00
23.224	23.224 (1.175)	120	20720			0.00- 97.68	47.46
156 1,3-Dichlorobenzene					CAS #: 541-73-1		
23.833	23.833 (1.206)	146	28067	0.50000	0.5250	50.00- 150.00	100.00
23.833	23.833 (1.206)	148	16808			12.59- 112.59	59.89
23.833	23.833 (1.206)	111	10964			0.00- 90.49	39.06

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
157 1,4-Dichlorobenzene					CAS #: 106-46-7		
23.999	23.999 (1.214)	146	25770	0.50000	0.4860	50.00- 150.00	100.00(a)
23.999	23.999 (1.214)	148	18633			15.28- 115.28	72.31
23.999	23.999 (1.214)	111	11224			0.00- 90.12	43.55
159 alpha-Chlorotoluene					CAS #: 100-44-7		
24.220	24.220 (1.225)	91	37582	0.50000	0.4372	50.00- 150.00	100.00(a)
24.248	24.248 (1.227)	126	7998			0.00- 70.00	21.28
162 1,2-Dichlorobenzene					CAS #: 95-50-1		
24.690	24.690 (1.249)	146	27526	0.50000	0.5428	50.00- 150.00	100.00
24.690	24.690 (1.249)	148	18618			14.21- 114.21	67.64
24.690	24.690 (1.249)	111	10822			0.00- 92.31	39.32
169 Naphthalene					CAS #: 91-20-3		
28.340	28.340 (1.434)	128	16035	0.25000	0.3437	50.00- 150.00	100.00
28.284	28.284 (1.431)	127	3669			0.00- 67.34	22.88
102 Methyl Cyclohexane					CAS #: 108-87-2		
15.234	15.234 (1.198)	83	9695	0.50000	0.3520	50.00- 150.00	100.00(a)
15.234	15.234 (1.198)	98	4612			0.00- 95.08	47.57
15.234	15.234 (1.198)	55	13245			72.81- 172.81	136.62

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1012610.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: srs
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 200ppbv -> 0.5ppbv

Calibration Date: 26-JAN-2007
Calibration Time: 21:34
Client Smp ID: Level 2
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	304683	182810	426556	311591	2.27
96 1,4-Difluorobenze	1208906	725344	1692468	1173392	-2.94
125 Chlorobenzene-d5	1081956	649174	1514738	1090721	0.81

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.75	12.42	13.08	12.72	-0.22
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Data File: /chem/msd1.i/1-26jana.b/1012610.d

Date : 26-JAN-2007 19:36

Client ID: Level 2

Sample Info: 0.5mL #1408-364

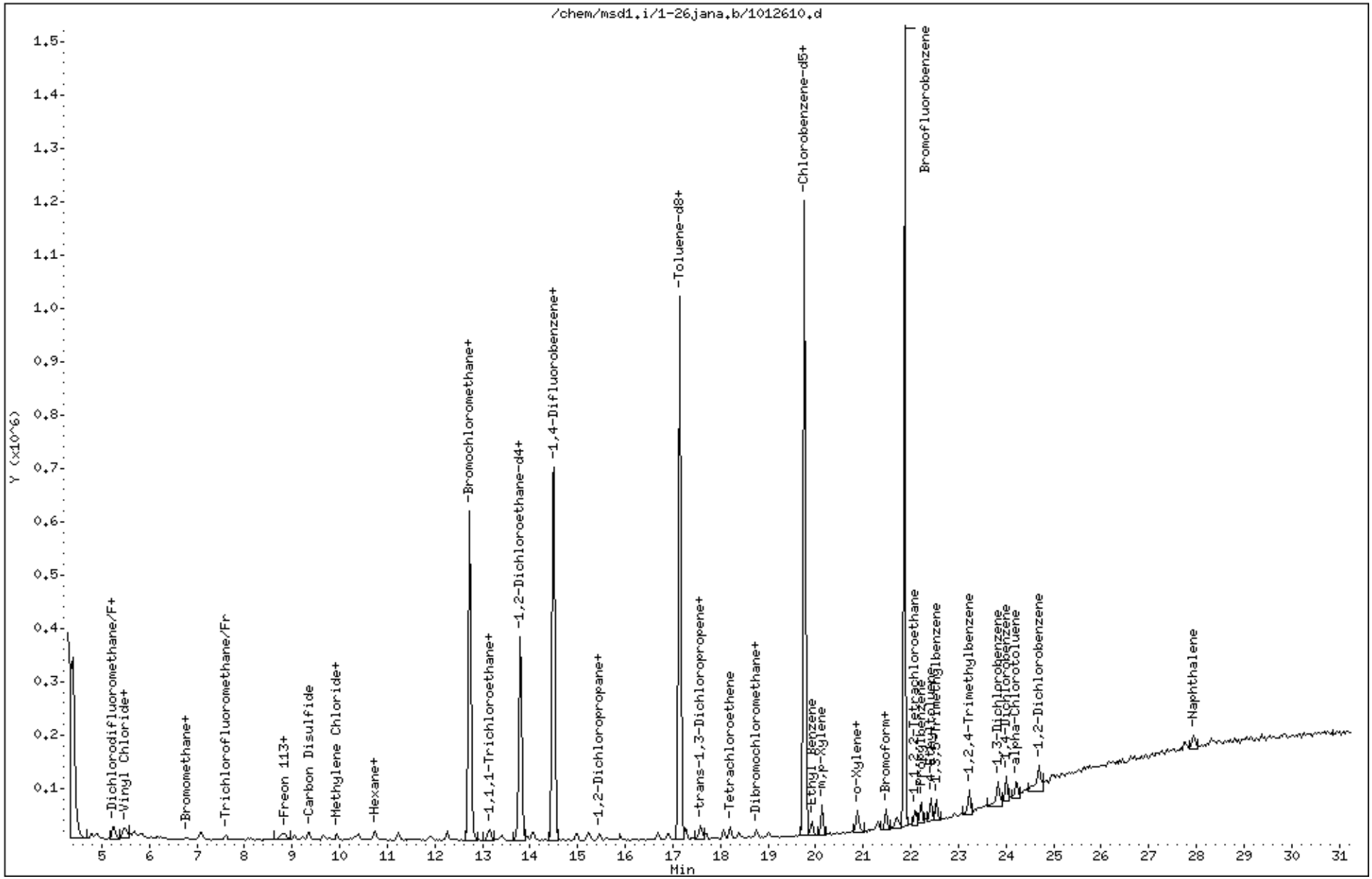
Column phase: RTx-624

Instrument: msd1.i

Operator: srs

Column diameter: 0.53

0091



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-08mar.b/1030802.d
Lab Smp Id: ICAL Client Smp ID: Level 3
Inj Date : 08-MAR-2007 09:25
Operator : sjr Inst ID: msd1.i
Smp Info : 2mL #1290-54
Misc Info : 200ppbv-2ppbv
Comment :
Method : /chem/msd1.i/1-08mar.b/t14q126d.m
Meth Date : 08-Mar-2007 11:29 sruth Quant Type: ISTD
Cal Date : 08-MAR-2007 09:25 Cal File: 1030802.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: sp1d.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.718 (1.000)	130	254041	25.0000		50.00- 150.00	100.00
12.718	12.718 (1.000)	128	195614			27.22- 127.22	77.00
12.718	12.718 (1.000)	49	757336			249.35- 349.35	298.12
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	997324	25.0000		50.00- 150.00	100.00
14.515	14.515 (1.000)	88	159834			0.00- 66.15	16.03
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	920627	25.0000		50.00- 150.00	100.00
19.768	19.768 (1.000)	82	541109			6.85- 106.85	58.78
54 Cyclopentene					CAS #: 142-29-0		
9.732	9.732 (0.765)	67	63186	2.00000	1.989	50.00- 150.00	100.00(a)
9.732	9.732 (0.765)	68	24070			0.00- 88.90	38.09
9.732	9.732 (0.765)	53	19101			0.00- 80.86	30.23

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1030802.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: sjr
Method File: /chem/msd1.i/1-08mar.b/t14q126d.m
Misc Info: 200ppbv-2ppbv

Calibration Date: 08-MAR-2007
Calibration Time: 10:11
Client Smp ID: Level 3
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	255558	153335	357781	254041	-0.59
96 1,4-Difluorobenze	999525	599715	1399335	997324	-0.22
125 Chlorobenzene-d5	904091	542455	1265727	920627	1.83

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

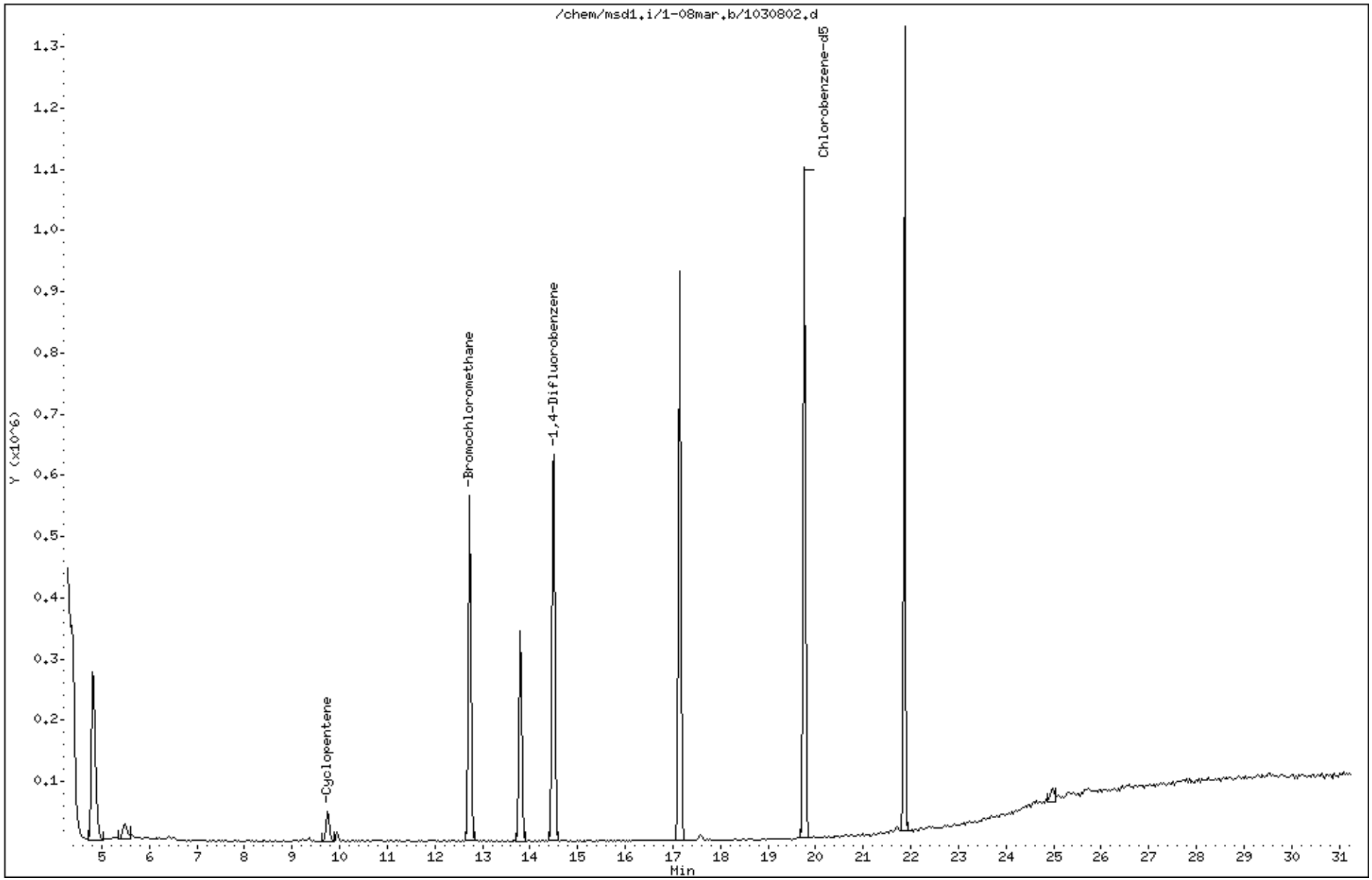
0095

Data File: /chem/msd1.i/1-08mar.b/1030802.d
Date : 08-MAR-2007 09:25
Client ID: Level 3
Sample Info: 2mL #1443-8

Instrument: msd1.i

Operator: sjr
Column diameter: 0.53

Column phase: RTx-624



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-21feb.b/1022107.d
Lab Smp Id: ICAL Client Smp ID: Level 3
Inj Date : 21-FEB-2007 16:48
Operator : srs Inst ID: msd1.i
Smp Info : 2.0mL #1408-378
Misc Info : 200ppbv-2.0ppbv
Comment :
Method : /chem/msd1.i/1-21feb.b/t14q126c.m
Meth Date : 21-Feb-2007 20:26 ctaylor Quant Type: ISTD
Cal Date : 21-FEB-2007 16:48 Cal File: 1022107.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: sp1c.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE		RATIO
==	====== ========	====	========	=======	=======	==========		=====
* 80 Bromochloromethane					CAS #: 74-97-5			
12.718	12.718 (1.000)	130	225889	25.0000		50.00-	150.00	100.00
12.718	12.718 (1.000)	128	172846			27.37-	127.37	76.52
12.718	12.718 (1.000)	49	660602			243.21-	343.21	292.45
* 96 1,4-Difluorobenzene					CAS #: 540-36-3			
14.515	14.515 (1.000)	114	880441	25.0000		50.00-	150.00	100.00
14.487	14.487 (1.000)	88	148409			0.00-	66.25	16.86
* 125 Chlorobenzene-d5					CAS #: 3114-55-4			
19.768	19.768 (1.000)	117	772926	25.0000		50.00-	150.00	100.00
19.768	19.768 (1.000)	82	453379			6.65-	106.65	58.66
203 Propane					CAS #: 74-98-6			
4.782	4.782 (0.376)	43	20223	2.00000	2.000	50.00-	150.00	100.00
4.395	4.395 (0.346)	45	19027			44.09-	144.09	94.09
4.782	4.782 (0.376)	41	10567			2.25-	102.25	52.25

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1022107.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: srs
Method File: /chem/msd1.i/1-21feb.b/t14q126c.m
Misc Info: 200ppbv-2.0ppbv

Calibration Date: 21-FEB-2007
Calibration Time: 09:47
Client Smp ID: Level 3
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	257921	154753	361089	225889	-12.42
96 1,4-Difluorobenze	1012651	607591	1417711	880441	-13.06
125 Chlorobenzene-d5	899288	539573	1259003	772926	-14.05

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.52	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Data File: /chem/msd1.i/1-21feb.b/1022107.d

Date : 21-FEB-2007 16:48

Client ID: Level 3

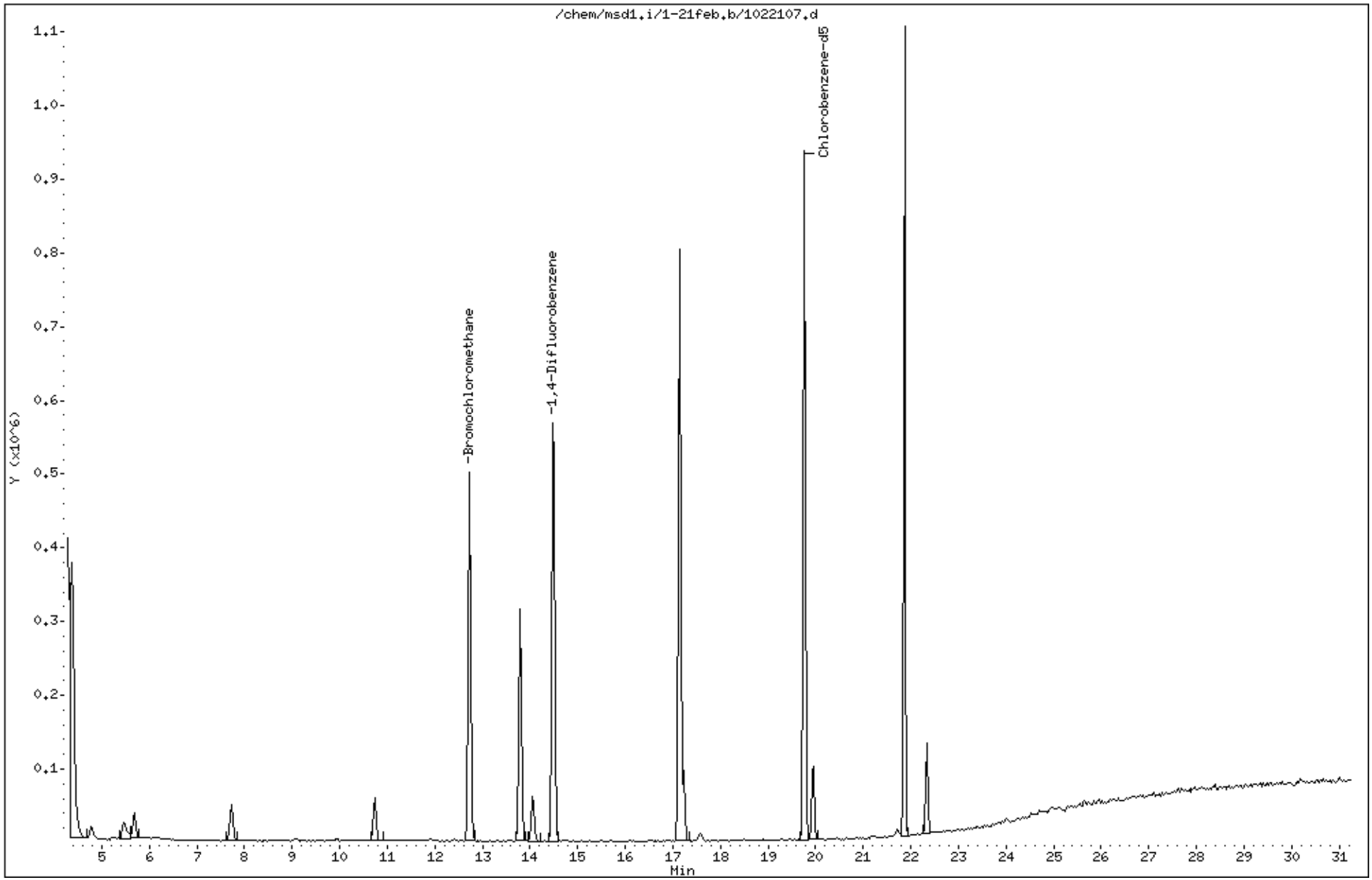
Sample Info: 2.0mL #1408-378

Column phase: RTx-624

Instrument: msd1.i

Operator: srs

Column diameter: 0.53



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-31jan.b/1013104.d
Lab Smp Id: ICAL Client Smp ID: Level 3
Inj Date : 31-JAN-2007 12:41
Operator : dm Inst ID: msd1.i
Smp Info : 2.0mL #1408-369
Misc Info : 200ppbv/1200ppbv-2.0ppbv/12ppbv
Comment :
Method : /chem/msd1.i/1-31jan.b/t14q126b.m
Meth Date : 31-Jan-2007 19:00 ctaylor Quant Type: ISTD
Cal Date : 31-JAN-2007 12:41 Cal File: 1013104.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: sp22b.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
* 80 Bromochloromethane					CAS #: 74-97-5		
12.730	12.730 (1.000)	130	300005	25.0000		50.00- 150.00	100.00
12.730	12.730 (1.000)	128	238537			27.87- 127.87	79.51
12.730	12.730 (1.000)	49	802119			239.03- 339.03	267.37
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.500	14.500 (1.000)	114	1160513	25.0000		50.00- 150.00	100.00
14.500	14.500 (1.000)	88	185621			0.00- 66.10	15.99
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.781	19.781 (1.000)	117	1055173	25.0000		50.00- 150.00	100.00
19.781	19.781 (1.000)	82	588931			6.18- 106.18	55.81
97 2-Heptanone					CAS #: 110-43-0		
21.025	21.025 (1.652)	58	79351	2.00000	1.461	50.00- 150.00	100.00(a)
21.025	21.025 (1.652)	43	146015			138.74- 238.74	184.01
143 Diisobutyl Ketone					CAS #: 108-83-8		
22.712	22.712 (1.148)	57	169113	2.00000	1.598	50.00- 150.00	100.00(a)
22.712	22.712 (1.148)	85	99076			8.78- 108.78	58.59

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
143 Diisobutyl Ketone (continued)							
0.000	1.000 (0.000)	0	0			0.00- 50.00	0.00
88 Isobutanol					CAS #: 78-83-1		
13.477	13.477 (0.929)	43	39147	2.00000	1.488	50.00- 150.00	100.00(a)
13.477	13.477 (0.929)	41	26826			23.38- 123.38	68.53
0.000	1.000 (0.000)	0	0			0.00- 50.00	0.00
98 1-Butanol					CAS #: 71-36-3		
14.693	14.693 (1.013)	56	23697	2.00000	1.217	50.00- 150.00	100.00(a)
14.693	14.693 (1.013)	41	21528			38.85- 138.85	90.85
14.693	14.693 (1.013)	43	15491			15.20- 115.20	65.37
26 Methanol					CAS #: 67-56-1		
6.425	6.425 (0.505)	31	252686	12.0000	15.539	50.00- 150.00	100.00(a)
6.425	6.425 (0.505)	32	185608			23.66- 123.66	73.45
66 1-Propanol					CAS #: 71-23-8		
11.265	11.265 (0.885)	42	10323	2.00000	1.571	50.00- 150.00	100.00(a)
11.265	11.265 (0.885)	59	9095			39.82- 139.82	88.10
11.265	11.265 (0.885)	41	12194			36.80- 136.80	118.12
57 tert-Butyl-Alcohol					CAS #: 75-65-0		
10.021	10.021 (0.787)	59	51878	2.00000	2.080	50.00- 150.00	100.00
10.021	10.021 (0.787)	41	14988			0.00- 78.89	28.89
9.993	9.993 (0.785)	57	6410			0.00- 62.36	12.36
72 t-Butylethyl Ether					CAS #: 637-92-3		
11.790	11.790 (0.926)	59	106088	2.00000	1.695	50.00- 150.00	100.00(a)
11.790	11.790 (0.926)	87	33252			0.00- 79.85	31.34
11.790	11.790 (0.926)	41	31122			0.00- 74.29	29.34
92 tert-amyl-Methyl Ether					CAS #: 994-05-8		
13.892	13.892 (1.091)	73	73375	2.00000	1.841	50.00- 150.00	100.00(a)
13.892	13.892 (1.091)	87	14912			0.00- 73.16	20.32
13.892	13.892 (1.091)	55	27872			0.00- 87.31	37.99
68 Isopropyl ether					CAS #: 108-20-3		
11.154	11.154 (0.876)	45	197931	2.00000	1.817	50.00- 150.00	100.00(a)
11.154	11.154 (0.876)	87	26868			0.00- 64.11	13.57
11.127	11.127 (0.874)	59	16258			0.00- 58.25	8.21
74 Ethyl Acetate					CAS #: 141-78-6		
12.260	12.260 (0.963)	45	17575	2.00000	1.650	50.00- 150.00	100.00(a)
12.260	12.260 (0.963)	61	12278			21.17- 121.17	69.86
12.260	12.260 (0.963)	43	132220			664.57- 764.57	752.32

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
122 Butyl Acetate					CAS #: 123-86-4		
18.509	18.509 (1.276)	56	51868	2.00000	1.639	50.00- 150.00	100.00(a)
18.509	18.509 (1.276)	73	13810			0.00- 73.20	26.63
18.509	18.509 (1.276)	43	143601			233.74- 333.74	276.86
136 Cyclohexanone					CAS #: 108-94-1		
21.799	21.799 (1.102)	55	72086	2.00000	1.564	50.00- 150.00	100.00(a)
21.827	21.827 (1.103)	98	22187			0.00- 80.95	30.78
21.827	21.827 (1.103)	42	59271			32.54- 132.54	82.22
5 Freon 143a					CAS #: 420-46-2		
4.510	4.510 (0.354)	69	83247	2.00000	2.086	50.00- 150.00	100.00
4.510	4.510 (0.354)	65	25166			0.00- 81.05	30.23
4.510	4.510 (0.354)	64	7212			0.00- 60.72	8.66
6 Freon142b					CAS #: 75-68-3		
5.355	5.355 (0.421)	65	83395	2.00000	1.919	50.00- 150.00	100.00(a)
5.355	5.355 (0.421)	45	30784			0.00- 85.46	36.91
5.355	5.355 (0.421)	85	9531			0.00- 61.23	11.43
8 Freon 134a					CAS #: 811-97-2		
4.651	4.651 (0.365)	83	34036	2.00000	1.904	50.00- 150.00	100.00(a)
4.651	4.651 (0.365)	69	42200			67.80- 167.80	123.99
4.651	4.651 (0.365)	63	6197			0.00- 63.77	18.21
13 Freon 152a					CAS #: 75-37-6		
4.820	4.820 (0.379)	65	34190	2.00000	2.291	50.00- 150.00	100.00
4.820	4.820 (0.379)	51	98859			229.86- 329.86	289.15
4.820	4.820 (0.379)	47	20809			12.50- 112.50	60.86
16 Freon 22					CAS #: 75-45-6		
4.960	4.960 (0.390)	51	109135	2.00000	1.892	50.00- 150.00	100.00(a)
4.960	4.960 (0.390)	67	10338			0.00- 59.45	9.47
5.355	5.355 (0.421)	85	9531			0.00- 53.53	8.73
33 Dichlorofluoromethane/Fr21					CAS #: 75-43-4		
7.579	7.579 (0.595)	67	67060	2.00000	1.919	50.00- 150.00	100.00(a)
7.579	7.579 (0.595)	69	18394			0.00- 78.40	27.43
7.579	7.579 (0.595)	35	7368			0.00- 60.34	10.99
41 Freon123a					CAS #: 354-23-4		
8.389	8.389 (0.659)	67	41929	2.00000	2.013	50.00- 150.00	100.00
8.389	8.389 (0.659)	117	24150			13.21- 113.21	57.60
42 Freon123					CAS #: 306-83-2		
8.528	8.528 (0.670)	83	21178	2.00000	1.893	50.00- 150.00	100.00(a)

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
42 Freon123 (continued)							
8.555	8.555 (0.672)	133	5255			0.00- 72.11	24.81
8.528	8.528 (0.670)	85	13490			17.70- 117.70	63.70

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1013104.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: dm
Method File: /chem/msd1.i/1-31jan.b/t14q126b.m
Misc Info: 200ppbv/1200ppbv-2.0ppbv/12ppbv

Calibration Date: 31-JAN-2007
Calibration Time: 14:14
Client Smp ID: Level 3
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	298832	179299	418365	300005	0.39
96 1,4-Difluorobenze	1146350	687810	1604890	1160513	1.24
125 Chlorobenzene-d5	1026572	615943	1437201	1055173	2.79

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.73	12.40	13.06	12.73	0.00
96 1,4-Difluorobenze	14.50	14.17	14.83	14.50	0.00
125 Chlorobenzene-d5	19.78	19.45	20.11	19.78	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

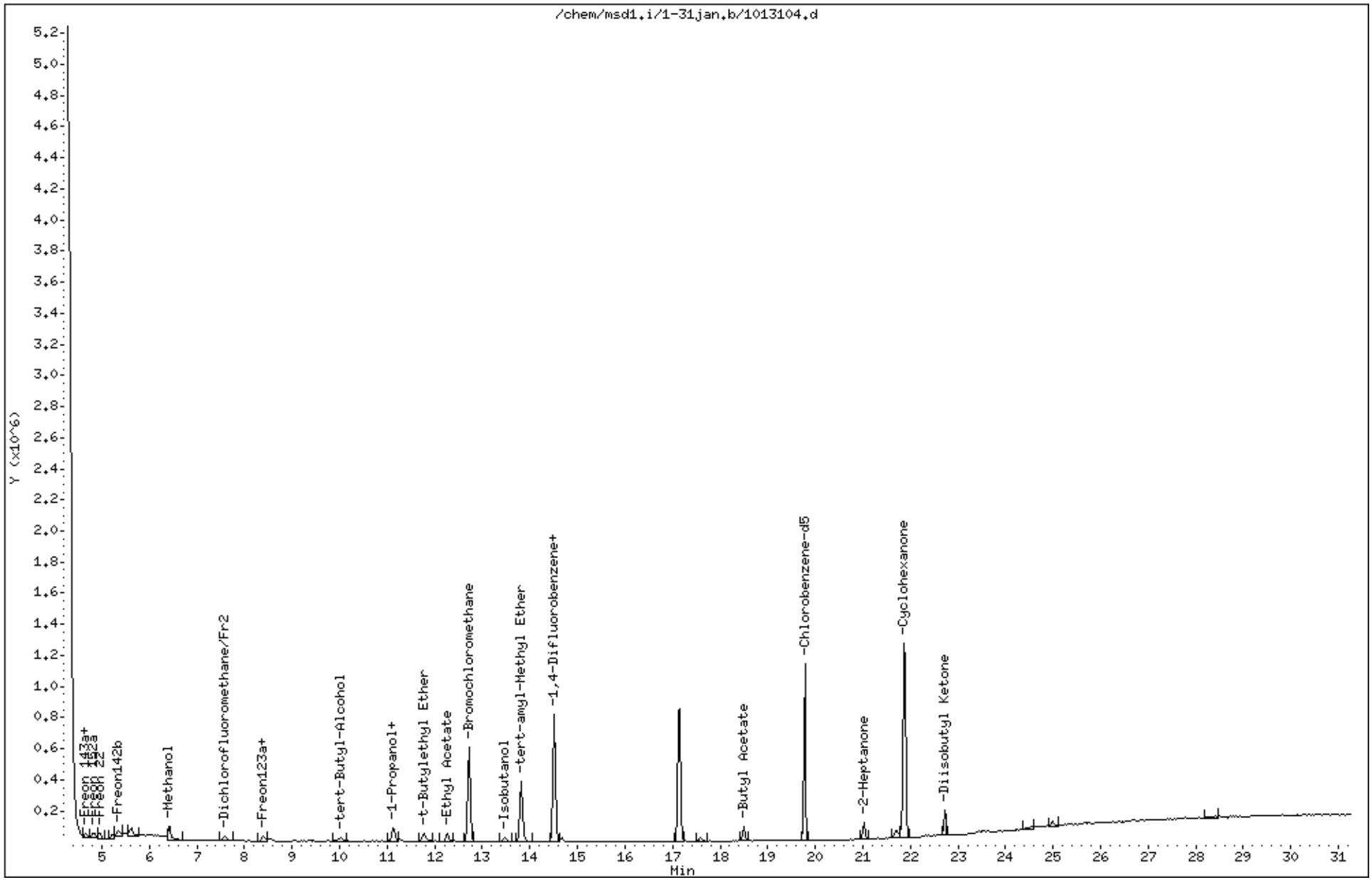
0104

Data File: /chem/msd1.i/1-31jan.b/1013104.d
Date : 31-JAN-2007 12:41
Client ID: Level 3
Sample Info: 2.0mL #1408-369

Instrument: msd1.i

Operator: dm
Column diameter: 0.53

Column phase: RTx-624



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-26jana.b/1012611.d
Lab Smp Id: ICAL Client Smp ID: Level 3
Inj Date : 26-JAN-2007 20:20
Operator : srs Inst ID: msd1.i
Smp Info : 2.0mL #1408-364
Misc Info : 200ppbv -> 2.0ppbv
Comment :
Method : /chem/msd1.i/1-26jana.b/t14q126a.m
Meth Date : 30-Jan-2007 14:46 ctaylor Quant Type: ISTD
Cal Date : 26-JAN-2007 20:20 Cal File: 1012611.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: AT04mdl+ENSR.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane						CAS #: 74-97-5	
12.718	12.718 (1.000)	130	306669	25.0000		50.00- 150.00	100.00
12.718	12.718 (1.000)	128	245495			28.02- 128.02	80.05
12.718	12.718 (1.000)	49	797502			259.08- 359.08	260.05
* 96 1,4-Difluorobenzene						CAS #: 540-36-3	
14.515	14.515 (1.000)	114	1190133	25.0000		50.00- 150.00	100.00
14.515	14.515 (1.000)	88	194161			0.00- 66.12	16.31
* 125 Chlorobenzene-d5						CAS #: 3114-55-4	
19.768	19.768 (1.000)	117	1087285	25.0000		50.00- 150.00	100.00
19.768	19.768 (1.000)	82	604531			6.18- 106.18	55.60
$ 90 1,2-Dichloroethane-d4						CAS #: 17060-07-0	
13.796	13.796 (1.085)	65	535041	25.0000	24.885	50.00- 150.00	100.00
13.796	13.796 (1.085)	67	254004			0.62- 100.62	47.47
$ 113 Toluene-d8						CAS #: 2037-26-5	
17.142	17.142 (1.181)	98	1171038	25.0000	24.959	50.00- 150.00	100.00
17.142	17.142 (1.181)	70	130004			0.00- 61.35	11.10

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	814995			19.43- 119.43	69.60
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	656544	25.0000	24.128	50.00- 150.00	100.00
21.870	21.870 (1.106)	95	982516			96.95- 196.95	149.65
21.870	21.870 (1.106)	176	647678			47.20- 147.20	98.65
12 Propylene					CAS #: 115-07-1		
4.810	4.810 (0.378)	41	49672	2.00000	1.884	50.00- 150.00	100.00(a)
4.810	4.810 (0.378)	42	33866			20.40- 120.40	68.18
4.810	4.810 (0.378)	39	40581			28.43- 128.43	81.70
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.893	4.893 (0.385)	85	95210	2.00000	1.822	50.00- 150.00	100.00
4.920	4.920 (0.387)	87	29925			0.00- 81.56	31.43
18 Freon 114					CAS #: 76-14-2		
5.252	5.252 (0.413)	135	57655	2.00000	1.822	50.00- 150.00	100.00
5.252	5.252 (0.413)	137	16646			0.00- 80.61	28.87
19 Chloromethane					CAS #: 74-87-3		
5.473	5.473 (0.430)	50	56502	2.00000	2.034	50.00- 150.00	100.00
5.473	5.473 (0.430)	52	23722			0.00- 83.46	41.98
22 Vinyl Chloride					CAS #: 75-01-4		
5.805	5.805 (0.456)	62	44175	2.00000	1.843	50.00- 150.00	100.00
5.805	5.805 (0.456)	64	13842			0.00- 84.58	31.33
23 1,3-Butadiene					CAS #: 106-99-0		
5.861	5.861 (0.461)	54	29614	2.00000	1.673	50.00- 150.00	100.00
5.861	5.861 (0.461)	39	41170			73.02- 173.02	139.02
27 Bromomethane					CAS #: 74-83-9		
6.801	6.801 (0.535)	94	26737	2.00000	1.606	50.00- 150.00	100.00
6.801	6.801 (0.535)	96	26419			44.65- 144.65	98.81
30 Chloroethane					CAS #: 75-00-3		
7.049	7.049 (0.554)	64	20052	2.00000	1.665	50.00- 150.00	100.00
7.049	7.049 (0.554)	49	8017			0.00- 87.81	39.98
7.049	7.049 (0.554)	66	4572			0.00- 78.40	22.80
32 Trichlorofluoromethane/Fr11					CAS #: 75-69-4		
7.602	7.602 (0.598)	101	81901	2.00000	1.696	50.00- 150.00	100.00
7.602	7.602 (0.598)	103	51941			13.64- 113.64	63.42

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
39 Ethanol					CAS #: 64-17-5		
8.100	8.100 (0.637)	45	16389	2.00000	1.394	50.00- 150.00	100.00(a)
8.100	8.100 (0.637)	43	3468			0.00- 71.11	21.16
8.100	8.100 (0.637)	46	4621			0.00- 84.12	28.20
44 Freon 113					CAS #: 76-13-1		
8.791	8.791 (0.691)	151	44378	2.00000	1.652	50.00- 150.00	100.00
8.791	8.791 (0.691)	153	29516			15.50- 115.50	66.51
8.791	8.791 (0.691)	101	62200			86.76- 186.76	140.16
45 1,1-Dichloroethene					CAS #: 75-35-4		
8.874	8.874 (0.698)	61	64364	2.00000	1.658	50.00- 150.00	100.00
8.874	8.874 (0.698)	96	36698			1.71- 101.71	57.02
8.874	8.874 (0.698)	98	18718			0.00- 78.25	29.08
46 Acetone					CAS #: 67-64-1		
9.040	9.040 (0.711)	58	17232	2.00000	1.463	50.00- 150.00	100.00(a)
9.040	9.040 (0.711)	43	77813			367.91- 467.91	451.56
47 2-Propanol					CAS #: 67-63-0		
9.234	9.234 (0.726)	45	71119	2.00000	1.352	50.00- 150.00	100.00(a)
9.234	9.234 (0.726)	43	18536			0.00- 71.57	26.06
9.234	9.234 (0.726)	59	2868			0.00- 53.29	4.03
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.737)	76	96540	2.00000	1.709	50.00- 150.00	100.00
51 3-Chloropropene					CAS #: 107-05-1		
9.649	9.649 (0.759)	76	11261	2.00000	1.372	50.00- 150.00	100.00(a)
9.649	9.649 (0.759)	41	62595			464.51- 564.51	555.86
56 Methylene Chloride					CAS #: 75-09-2		
9.953	9.953 (0.783)	49	63987	2.00000	1.672	50.00- 150.00	100.00
9.953	9.953 (0.783)	84	29216			0.00- 95.37	45.66
9.953	9.953 (0.783)	51	21208			0.00- 82.62	33.14
60 MTBE					CAS #: 1634-04-4		
10.340	10.340 (0.813)	73	50269	2.00000	1.483	50.00- 150.00	100.00
10.340	10.340 (0.813)	57	15836			0.00- 83.12	31.50
10.340	10.340 (0.813)	41	23053			0.00- 89.80	45.86
61 trans-1,2-Dichloroethene					CAS #: 156-60-5		
10.395	10.395 (0.817)	96	29628	2.00000	1.602	50.00- 150.00	100.00
10.395	10.395 (0.817)	61	53454			122.08- 222.08	180.42
10.395	10.395 (0.817)	98	18597			10.41- 110.41	62.77

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
65 Hexane					CAS #: 110-54-3		
10.755	10.755 (0.846)	57	65233	2.00000	1.698	50.00- 150.00	100.00
10.755	10.755 (0.846)	43	48230			27.06- 127.06	73.93
10.755	10.755 (0.846)	86	5801			0.00- 60.38	8.89
69 Vinyl Acetate					CAS #: 108-05-4		
11.225	11.225 (0.883)	86	6924	2.00000	1.711	50.00- 150.00	100.00(a)
11.225	11.225 (0.883)	43	109024			1878.23-1978.23	1574.58
70 1,1-Dichloroethane					CAS #: 75-34-3		
11.225	11.225 (0.883)	63	67289	2.00000	1.669	50.00- 150.00	100.00
11.225	11.225 (0.883)	65	20903			0.00- 80.72	31.06
75 2-Butanone					CAS #: 78-93-3		
12.275	12.275 (0.965)	72	11063	2.00000	1.418	50.00- 150.00	100.00
12.275	12.275 (0.965)	43	80353			686.92- 786.92	726.32
12.275	12.275 (0.965)	57	5809			0.00- 97.36	52.51
77 cis-1,2-Dichloroethene					CAS #: 156-59-2		
12.275	12.275 (0.965)	61	52641	2.00000	1.616	50.00- 150.00	100.00
12.275	12.275 (0.965)	96	35436			9.60- 109.60	67.32
12.275	12.275 (0.965)	98	19178			0.00- 86.30	36.43
79 Tetrahydrofuran					CAS #: 109-99-9		
12.718	12.718 (1.000)	42	57217	2.00000	1.566	50.00- 150.00	100.00
12.745	12.745 (1.002)	71	12422			0.00- 72.67	21.71
12.745	12.745 (1.002)	72	14225			0.00- 75.03	24.86
81 Chloroform					CAS #: 67-66-3		
12.801	12.801 (1.007)	83	60702	2.00000	1.755	50.00- 150.00	100.00
12.801	12.801 (1.007)	85	38553			14.20- 114.20	63.51
83 1,1,1-Trichloroethane					CAS #: 71-55-6		
13.160	13.160 (1.035)	97	62154	2.00000	1.678	50.00- 150.00	100.00
13.160	13.160 (1.035)	99	36867			10.00- 110.00	59.32
84 Cyclohexane					CAS #: 110-82-7		
13.160	13.160 (1.035)	84	35197	2.00000	1.578	50.00- 150.00	100.00
13.160	13.160 (1.035)	56	63264			118.94- 218.94	179.74
13.160	13.160 (1.035)	41	42355			67.13- 167.13	120.34
86 Carbon Tetrachloride					CAS #: 56-23-5		
13.409	13.409 (1.054)	119	54978	2.00000	1.568	50.00- 150.00	100.00
13.409	13.409 (1.054)	117	53848			50.79- 150.79	97.94
91 Benzene					CAS #: 71-43-2		
13.824	13.824 (0.952)	78	81490	2.00000	1.626	50.00- 150.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
91 Benzene (continued)							
13.824	13.824 (0.952)	77	17927			0.00- 73.17	22.00
89 2,2,4-Trimethylpentane					CAS #: 540-84-1		
13.768	13.768 (1.083)	57	187669	2.00000	1.640	50.00- 150.00	100.00
13.768	13.768 (1.083)	56	65703			0.00- 85.19	35.01
13.741	13.741 (1.080)	41	66237			0.00- 84.57	35.29
93 1,2-Dichloroethane					CAS #: 107-06-2		
13.962	13.962 (0.962)	62	48111	2.00000	1.616	50.00- 150.00	100.00
13.962	13.962 (0.962)	64	15208			0.00- 84.01	31.61
94 Heptane					CAS #: 142-82-5		
14.072	14.072 (0.970)	71	23785	2.00000	1.572	50.00- 150.00	100.00
14.072	14.072 (0.970)	43	74530			258.41- 358.41	313.35
14.072	14.072 (0.970)	57	35484			87.56- 187.56	149.19
100 Trichloroethene					CAS #: 79-01-6		
14.985	14.985 (1.032)	95	32113	2.00000	1.588	50.00- 150.00	100.00
14.985	14.985 (1.032)	130	31849			45.44- 145.44	99.18
14.985	14.985 (1.032)	97	21304			15.24- 115.24	66.34
104 1,2-Dichloropropane					CAS #: 78-87-5		
15.455	15.455 (1.065)	63	33299	2.00000	1.606	50.00- 150.00	100.00
15.455	15.455 (1.065)	62	24184			22.51- 122.51	72.63
15.455	15.455 (1.065)	41	29231			38.81- 138.81	87.78
106 1,4-Dioxane					CAS #: 123-91-1		
15.593	15.593 (1.074)	88	16639	2.00000	1.419	50.00- 150.00	100.00(a)
15.593	15.593 (1.074)	58	14921			38.27- 138.27	89.67
15.593	15.593 (1.074)	57	5554			0.00- 82.05	33.38
108 Bromodichloromethane					CAS #: 75-27-4		
15.897	15.897 (1.095)	83	48925	2.00000	1.495	50.00- 150.00	100.00
15.897	15.897 (1.095)	85	32158			14.33- 114.33	65.73
111 cis-1,3-Dichloropropene					CAS #: 10061-01-5		
16.699	16.699 (1.150)	75	41809	2.00000	1.553	50.00- 150.00	100.00
16.699	16.699 (1.150)	77	13411			0.00- 81.90	32.08
16.699	16.699 (1.150)	39	38744			44.47- 144.47	92.67
112 4-Methyl-2-pentanone					CAS #: 108-10-1		
16.920	16.920 (1.166)	58	25050	2.00000	1.312	50.00- 150.00	100.00
16.920	16.920 (1.166)	43	78908			266.86- 366.86	315.00
16.920	16.920 (1.166)	85	8590			0.00- 81.73	34.29

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
115 Toluene					CAS #: 108-88-3		
17.252	17.252 (1.189)	91	85264	2.00000	1.514	50.00- 150.00	100.00
17.252	17.252 (1.189)	92	55266			11.01- 111.01	64.82
116 trans-1,3-Dichloropropene					CAS #: 10061-02-6		
17.695	17.695 (0.895)	75	37994	2.00000	1.459	50.00- 150.00	100.00
17.722	17.722 (0.896)	77	11797			0.00- 83.01	31.05
17.695	17.695 (0.895)	39	37000			46.26- 146.26	97.38
118 1,1,2-Trichloroethane					CAS #: 79-00-5		
18.054	18.054 (0.913)	97	31723	2.00000	1.552	50.00- 150.00	100.00
18.054	18.054 (0.913)	99	21343			13.51- 113.51	67.28
18.054	18.054 (0.913)	83	26988			30.15- 130.15	85.07
119 Tetrachloroethene					CAS #: 127-18-4		
18.220	18.220 (0.922)	166	38426	2.00000	1.636	50.00- 150.00	100.00
18.220	18.220 (0.922)	129	29283			27.01- 127.01	76.21
18.220	18.220 (0.922)	131	28900			22.81- 122.81	75.21
120 2-Hexanone					CAS #: 591-78-6		
18.386	18.386 (0.930)	58	31265	2.00000	1.112	50.00- 150.00	100.00(a)
18.386	18.386 (0.930)	43	71838			174.47- 274.47	229.77
18.386	18.386 (0.930)	100	4507			0.00- 63.33	14.42
123 Dibromochloromethane					CAS #: 124-48-1		
18.745	18.745 (0.948)	129	42163	2.00000	1.298	50.00- 150.00	100.00
18.745	18.745 (0.948)	127	33921			28.74- 128.74	80.45
124 1,2-Dibromoethane					CAS #: 106-93-4		
19.022	19.022 (0.962)	107	42015	2.00000	1.393	50.00- 150.00	100.00
19.022	19.022 (0.962)	109	42646			46.70- 146.70	101.50
126 Chlorobenzene					CAS #: 108-90-7		
19.824	19.824 (1.003)	112	72997	2.00000	1.566	50.00- 150.00	100.00
19.824	19.824 (1.003)	114	22350			0.00- 81.87	30.62
19.824	19.824 (1.003)	77	52736			19.98- 119.98	72.24
128 Ethyl Benzene					CAS #: 100-41-4		
19.934	19.934 (1.008)	106	39696	2.00000	1.603	50.00- 150.00	100.00
19.934	19.934 (1.008)	91	124236			278.01- 378.01	312.97
130 m,p-Xylene					CAS #: 108-38-3		
20.128	20.128 (1.018)	106	98904	4.00000	2.987	50.00- 150.00	100.00
20.128	20.128 (1.018)	91	194599			160.43- 260.43	196.76
131 o-Xylene					CAS #: 95-47-6		
20.874	20.874 (1.056)	106	49514	2.00000	1.558	50.00- 150.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
131 o-Xylene (continued)							
20.874	20.874 (1.056)	91	96579			154.94- 254.94	195.05
132 Styrene					CAS #: 100-42-5		
20.902	20.902 (1.057)	104	60445	2.00000	1.259	50.00- 150.00	100.00
20.902	20.902 (1.057)	78	34140			6.83- 106.83	56.48
133 Bromoform					CAS #: 75-25-2		
21.317	21.317 (1.078)	173	40570	2.00000	1.281	50.00- 150.00	100.00
21.317	21.317 (1.078)	171	20053			2.03- 102.03	49.43
135 Cumene					CAS #: 98-82-8		
21.482	21.482 (1.087)	105	152324	2.00000	1.405	50.00- 150.00	100.00(a)
21.482	21.482 (1.087)	120	40544			0.00- 74.93	26.62
21.482	21.482 (1.087)	51	25653			0.00- 67.07	16.84
138 1,1,2,2-Tetrachloroethane					CAS #: 79-34-5		
22.091	22.091 (1.117)	83	78299	2.00000	1.521	50.00- 150.00	100.00
22.091	22.091 (1.117)	85	48341			13.14- 113.14	61.74
139 Propylbenzene					CAS #: 103-65-1		
22.229	22.229 (1.124)	91	192575	2.00000	1.516	50.00- 150.00	100.00
22.229	22.229 (1.124)	120	41863			0.00- 72.02	21.74
22.229	22.229 (1.124)	105	7671			0.00- 54.30	3.98
144 4-Ethyltoluene					CAS #: 622-96-8		
22.423	22.423 (1.134)	105	153409	2.00000	1.505	50.00- 150.00	100.00
22.423	22.423 (1.134)	120	45935			0.00- 80.37	29.94
146 1,3,5-Trimethylbenzene					CAS #: 108-67-8		
22.533	22.533 (1.140)	105	122062	2.00000	1.571	50.00- 150.00	100.00
22.533	22.533 (1.140)	120	61027			0.00- 99.69	50.00
150 1,2,4-Trimethylbenzene					CAS #: 95-63-6		
23.224	23.224 (1.175)	105	119455	2.00000	1.497	50.00- 150.00	100.00
23.224	23.224 (1.175)	120	57357			0.00- 97.68	48.02
156 1,3-Dichlorobenzene					CAS #: 541-73-1		
23.833	23.833 (1.206)	146	79451	2.00000	1.491	50.00- 150.00	100.00
23.833	23.833 (1.206)	148	49987			12.59- 112.59	62.92
23.833	23.833 (1.206)	111	32481			0.00- 90.49	40.88
157 1,4-Dichlorobenzene					CAS #: 106-46-7		
23.999	23.999 (1.214)	146	79637	2.00000	1.507	50.00- 150.00	100.00
23.999	23.999 (1.214)	148	51068			15.28- 115.28	64.13
23.999	23.999 (1.214)	111	31751			0.00- 90.12	39.87

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
159 alpha-Chlorotoluene					CAS #: 100-44-7		
24.247	24.247 (1.227)	91	121831	2.00000	1.422	50.00- 150.00	100.00
24.247	24.247 (1.227)	126	25186			0.00- 70.00	20.67
162 1,2-Dichlorobenzene					CAS #: 95-50-1		
24.690	24.690 (1.249)	146	79147	2.00000	1.566	50.00- 150.00	100.00
24.690	24.690 (1.249)	148	50441			14.21- 114.21	63.73
24.690	24.690 (1.249)	111	35066			0.00- 92.31	44.30
167 1,2,4-Trichlorobenzene					CAS #: 120-82-1		
27.759	27.759 (1.404)	180	33566	2.00000	1.847	50.00- 150.00	100.00(a)
27.759	27.759 (1.404)	182	28738			42.29- 142.29	85.62
168 Hexachlorobutadiene					CAS #: 87-68-3		
27.952	27.952 (1.414)	225	24145	2.00000	1.748	50.00- 150.00	100.00(a)
27.952	27.952 (1.414)	223	18679			16.53- 116.53	77.36
169 Naphthalene					CAS #: 91-20-3		
28.340	28.340 (1.434)	128	36298	1.00000	0.7805	50.00- 150.00	100.00(a)
28.312	28.312 (1.432)	127	9302			0.00- 67.34	25.63
29 Isopentane					CAS #: 78-78-4		
7.105	7.105 (0.559)	43	60430	2.00000	1.640	50.00- 150.00	100.00
7.105	7.105 (0.559)	57	34565			7.08- 107.08	57.20
20 Butane					CAS #: 106-97-8		
5.695	5.695 (0.448)	58	6949	2.00000	1.772	50.00- 150.00	100.00
5.695	5.695 (0.448)	43	73265			988.87-1088.87	1054.32
102 Methyl Cyclohexane					CAS #: 108-87-2		
15.234	15.234 (1.198)	83	45488	2.00000	1.678	50.00- 150.00	100.00
15.261	15.261 (1.200)	98	20228			0.00- 95.08	44.47
15.234	15.234 (1.198)	55	52336			72.81- 172.81	115.05

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1012611.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: srs
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 200ppbv -> 2.0ppbv

Calibration Date: 26-JAN-2007
Calibration Time: 21:34
Client Smp ID: Level 3
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	304683	182810	426556	306669	0.65
96 1,4-Difluorobenze	1208906	725344	1692468	1190133	-1.55
125 Chlorobenzene-d5	1081956	649174	1514738	1087285	0.49

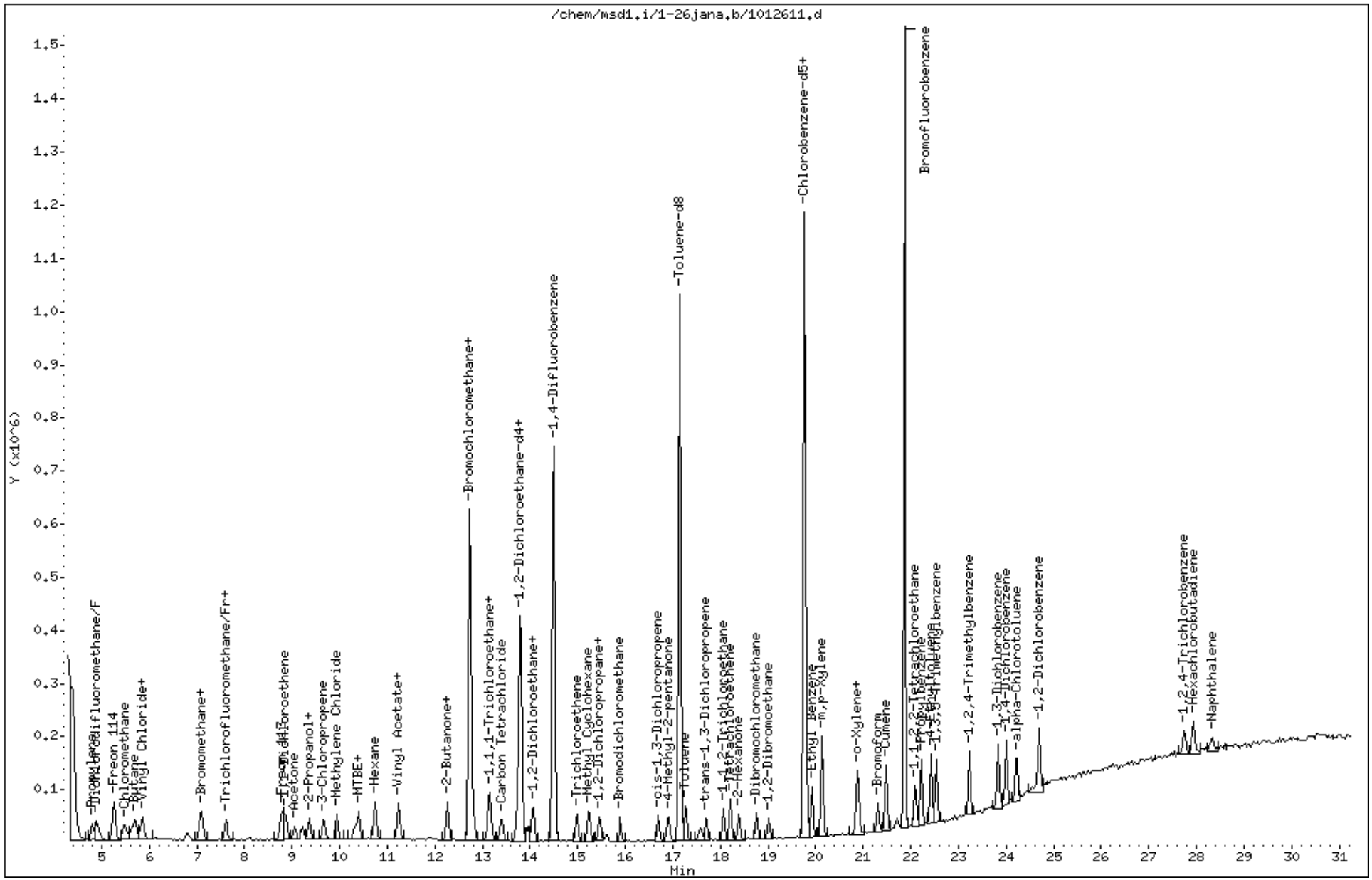
		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.75	12.42	13.08	12.72	-0.22
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Data File: /chem/msd1.i/1-26jana.b/1012611.d
Date : 26-JAN-2007 20:20
Client ID: Level 3
Sample Info: 2.0mL #1408-364

Instrument: msd1.i
Operator: srs
Column diameter: 0.53

Column phase: RTx-624



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-31jan.b/1013105.d
Lab Smp Id: ICAL Client Smp ID: Level 4
Inj Date : 31-JAN-2007 13:34
Operator : dm Inst ID: msd1.i
Smp Info : 8.0mL #1408-369
Misc Info : 200ppbv/1200ppbv-8.0ppbv/48ppbv
Comment :
Method : /chem/msd1.i/1-31jan.b/t14q126b.m
Meth Date : 31-Jan-2007 19:00 ctaylor Quant Type: ISTD
Cal Date : 31-JAN-2007 13:34 Cal File: 1013105.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: sp22b.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE		RATIO
==	====== ========	====	========	=======	=======	==========		=====
* 80 Bromochloromethane					CAS #: 74-97-5			
12.730	12.730 (1.000)	130	305401	25.0000		50.00- 150.00		100.00
12.730	12.730 (1.000)	128	244981			27.87- 127.87		80.22
12.730	12.730 (1.000)	49	812764			239.03- 339.03		266.13
* 96 1,4-Difluorobenzene					CAS #: 540-36-3			
14.500	14.500 (1.000)	114	1175927	25.0000		50.00- 150.00		100.00
14.500	14.500 (1.000)	88	189379			0.00- 66.10		16.10
* 125 Chlorobenzene-d5					CAS #: 3114-55-4			
19.781	19.781 (1.000)	117	1071274	25.0000		50.00- 150.00		100.00
19.781	19.781 (1.000)	82	601599			6.18- 106.18		56.16
97 2-Heptanone					CAS #: 110-43-0			
21.025	21.025 (1.652)	58	385775	8.00000	6.979	50.00- 150.00		100.00
21.025	21.025 (1.652)	43	735669			138.74- 238.74		190.70
143 Diisobutyl Ketone					CAS #: 108-83-8			
22.712	22.712 (1.148)	57	774640	8.00000	7.211	50.00- 150.00		100.00
22.712	22.712 (1.148)	85	457515			8.78- 108.78		59.06

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
143 Diisobutyl Ketone (continued)							
0.000	1.000 (0.000)	0	0			0.00- 50.00	0.00
88 Isobutanol					CAS #: 78-83-1		
13.477	13.477 (0.929)	43	176688	8.00000	6.627	50.00- 150.00	100.00
13.477	13.477 (0.929)	41	139140			23.38- 123.38	78.75
0.000	1.000 (0.000)	0	0			0.00- 50.00	0.00
98 1-Butanol					CAS #: 71-36-3		
14.694	14.694 (1.013)	56	126746	8.00000	6.425	50.00- 150.00	100.00
14.694	14.694 (1.013)	41	116766			38.85- 138.85	92.13
14.694	14.694 (1.013)	43	83241			15.20- 115.20	65.68
26 Methanol					CAS #: 67-56-1		
6.425	6.425 (0.505)	31	898664	48.0000	54.288	50.00- 150.00	100.00
6.425	6.425 (0.505)	32	664245			23.66- 123.66	73.91
66 1-Propanol					CAS #: 71-23-8		
11.265	11.265 (0.885)	42	45706	8.00000	6.832	50.00- 150.00	100.00
11.265	11.265 (0.885)	59	39501			39.82- 139.82	86.42
11.265	11.265 (0.885)	41	29614			36.80- 136.80	64.79
57 tert-Butyl-Alcohol					CAS #: 75-65-0		
10.021	10.021 (0.787)	59	167812	8.00000	6.610	50.00- 150.00	100.00
10.021	10.021 (0.787)	41	47843			0.00- 78.89	28.51
10.021	10.021 (0.787)	57	18159			0.00- 62.36	10.82
72 t-Butylethyl Ether					CAS #: 637-92-3		
11.790	11.790 (0.926)	59	426520	8.00000	6.693	50.00- 150.00	100.00
11.790	11.790 (0.926)	87	123489			0.00- 79.85	28.95
11.790	11.790 (0.926)	41	91238			0.00- 74.29	21.39
92 tert-amyl-Methyl Ether					CAS #: 994-05-8		
13.892	13.892 (1.091)	73	272877	8.00000	6.725	50.00- 150.00	100.00
13.892	13.892 (1.091)	87	68740			0.00- 73.16	25.19
13.892	13.892 (1.091)	55	102519			0.00- 87.31	37.57
68 Isopropyl ether					CAS #: 108-20-3		
11.154	11.154 (0.876)	45	813414	8.00000	7.336	50.00- 150.00	100.00
11.154	11.154 (0.876)	87	116976			0.00- 64.11	14.38
11.154	11.154 (0.876)	59	68536			0.00- 58.25	8.43
74 Ethyl Acetate					CAS #: 141-78-6		
12.260	12.260 (0.963)	45	80270	8.00000	7.403	50.00- 150.00	100.00
12.260	12.260 (0.963)	61	57697			21.17- 121.17	71.88
12.260	12.260 (0.963)	43	554313			664.57- 764.57	690.56

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
122 Butyl Acetate					CAS #: 123-86-4		
18.509	18.509 (1.276)	56	228620	8.00000	7.128	50.00- 150.00	100.00
18.509	18.509 (1.276)	73	50164			0.00- 73.20	21.94
18.509	18.509 (1.276)	43	656297			233.74- 333.74	287.07
136 Cyclohexanone					CAS #: 108-94-1		
21.827	21.827 (1.103)	55	322041	8.00000	6.880	50.00- 150.00	100.00
21.827	21.827 (1.103)	98	101512			0.00- 80.95	31.52
21.827	21.827 (1.103)	42	270966			32.54- 132.54	84.14
5 Freon 143a					CAS #: 420-46-2		
4.510	4.510 (0.354)	69	315078	8.00000	7.756	50.00- 150.00	100.00
4.538	4.538 (0.356)	65	97835			0.00- 81.05	31.05
4.538	4.538 (0.356)	64	33765			0.00- 60.72	10.72
6 Freon142b					CAS #: 75-68-3		
5.383	5.383 (0.423)	65	327074	8.00000	7.392	50.00- 150.00	100.00
5.383	5.383 (0.423)	45	112369			0.00- 85.46	34.36
5.383	5.383 (0.423)	85	35888			0.00- 61.23	10.97
8 Freon 134a					CAS #: 811-97-2		
4.679	4.679 (0.368)	83	136351	8.00000	7.493	50.00- 150.00	100.00
4.679	4.679 (0.368)	69	150599			67.80- 167.80	110.45
4.679	4.679 (0.368)	63	16573			0.00- 63.77	12.15
13 Freon 152a					CAS #: 75-37-6		
4.820	4.820 (0.379)	65	110457	8.00000	7.272	50.00- 150.00	100.00
4.820	4.820 (0.379)	51	286312			229.86- 329.86	259.21
4.820	4.820 (0.379)	47	73487			12.50- 112.50	66.53
16 Freon 22					CAS #: 75-45-6		
4.960	4.960 (0.390)	51	456487	8.00000	7.776	50.00- 150.00	100.00
4.960	4.960 (0.390)	67	43116			0.00- 59.45	9.45
4.989	4.989 (0.392)	85	4364			0.00- 53.53	0.96
33 Dichlorofluoromethane/Fr21					CAS #: 75-43-4		
7.608	7.608 (0.598)	67	268280	8.00000	7.542	50.00- 150.00	100.00
7.608	7.608 (0.598)	69	77588			0.00- 78.40	28.92
7.608	7.608 (0.598)	35	26995			0.00- 60.34	10.06
41 Freon123a					CAS #: 354-23-4		
8.417	8.417 (0.661)	67	154788	8.00000	7.302	50.00- 150.00	100.00
8.417	8.417 (0.661)	117	101978			13.21- 113.21	65.88
42 Freon123					CAS #: 306-83-2		
8.555	8.555 (0.672)	83	84114	8.00000	7.386	50.00- 150.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
42 Freon123 (continued)							
8.583	8.583 (0.674)	133	18715			0.00- 72.11	22.25
8.555	8.555 (0.672)	85	57510			17.70- 117.70	68.37

Report Date: 31-Jan-2007 19:00

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1013105.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: dm
Method File: /chem/msd1.i/1-31jan.b/t14q126b.m
Misc Info: 200ppbv/1200ppbv-8.0ppbv/48ppbv

Calibration Date: 31-JAN-2007
Calibration Time: 14:14
Client Smp ID: Level 4
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	298832	179299	418365	305401	2.20
96 1,4-Difluorobenze	1146350	687810	1604890	1175927	2.58
125 Chlorobenzene-d5	1026572	615943	1437201	1071274	4.35

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.73	12.40	13.06	12.73	0.00
96 1,4-Difluorobenze	14.50	14.17	14.83	14.50	0.00
125 Chlorobenzene-d5	19.78	19.45	20.11	19.78	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Data File: /chem/msd1.i/1-31jan.b/1013105.d

Date : 31-JAN-2007 13:34

Client ID: Level 4

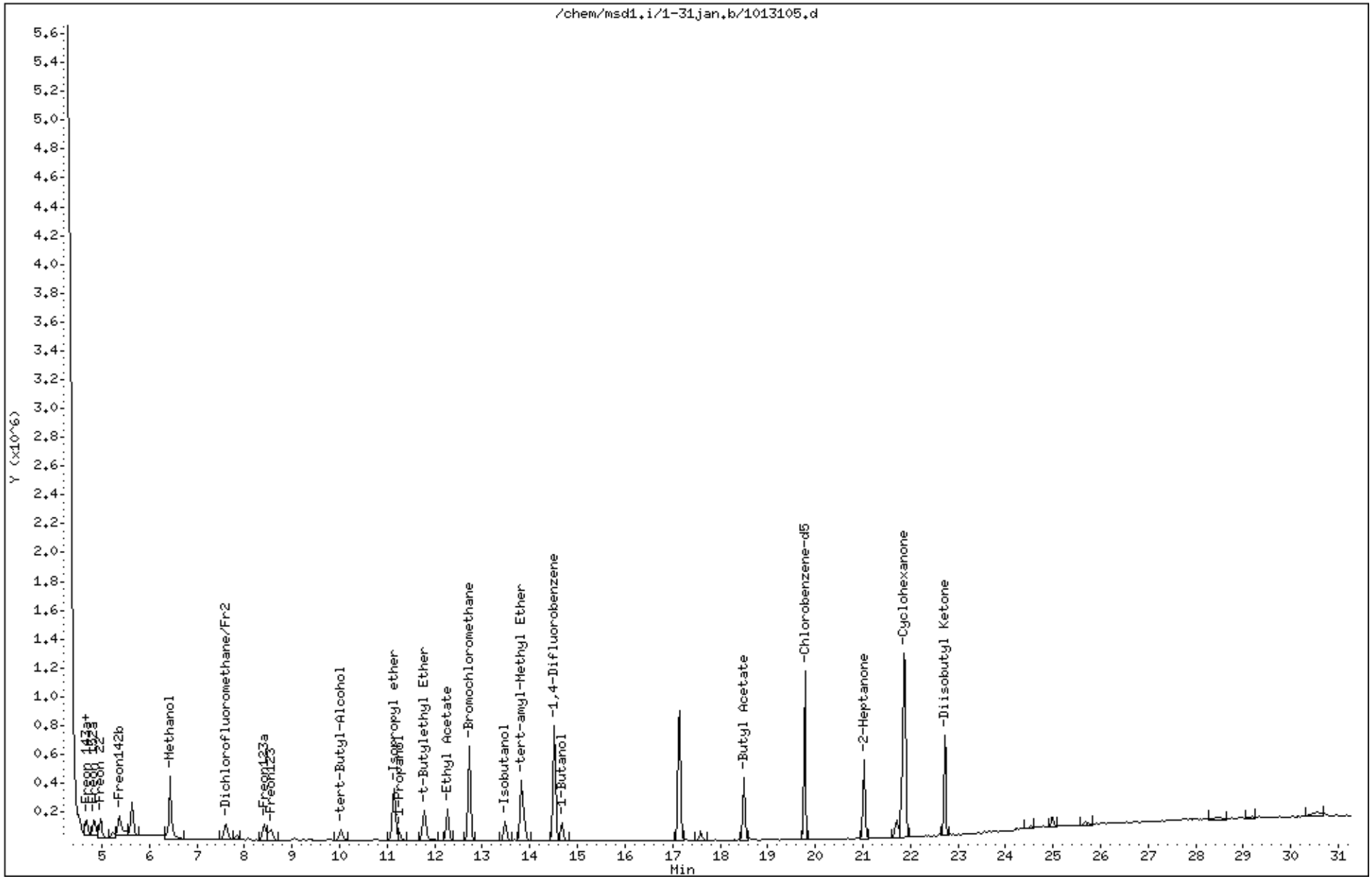
Sample Info: 8.0mL #1408-369

Column phase: RTx-624

Instrument: msd1.i

Operator: dm

Column diameter: 0.53



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-26jana.b/1012612.d
Lab Smp Id: ICAL Client Smp ID: Level 4
Inj Date : 26-JAN-2007 20:57
Operator : srs Inst ID: msd1.i
Smp Info : 25mL #1408-364
Misc Info : 200ppbv -> 25ppbv
Comment :
Method : /chem/msd1.i/1-26jana.b/t14q126a.m
Meth Date : 30-Jan-2007 14:46 ctaylor Quant Type: ISTD
Cal Date : 26-JAN-2007 20:57 Cal File: 1012612.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: AT04mdl+ENSR.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.718 (1.000)	130	313130	25.0000		50.00- 150.00	100.00
12.718	12.718 (1.000)	128	241467			28.02- 128.02	77.11
12.718	12.718 (1.000)	49	941135			259.08- 359.08	300.56
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	1191178	25.0000		50.00- 150.00	100.00
14.515	14.515 (1.000)	88	193507			0.00- 66.12	16.25
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	1082361	25.0000		50.00- 150.00	100.00
19.768	19.768 (1.000)	82	608836			6.18- 106.18	56.25
$ 90 1,2-Dichloroethane-d4					CAS #: 17060-07-0		
13.796	13.796 (1.085)	65	539938	25.0000	24.595	50.00- 150.00	100.00
13.796	13.796 (1.085)	67	268835			0.62- 100.62	49.79
$ 113 Toluene-d8					CAS #: 2037-26-5		
17.142	17.142 (1.181)	98	1177067	25.0000	25.065	50.00- 150.00	100.00
17.142	17.142 (1.181)	70	134320			0.00- 61.35	11.41

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	809547			19.43- 119.43	68.78
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	673608	25.0000	24.867	50.00- 150.00	100.00
21.870	21.870 (1.106)	95	980814			96.95- 196.95	145.61
21.870	21.870 (1.106)	176	650774			47.20- 147.20	96.61
12 Propylene					CAS #: 115-07-1		
4.782	4.782 (0.376)	41	715038	25.0000	26.561	50.00- 150.00	100.00
4.782	4.782 (0.376)	42	501339			20.40- 120.40	70.11
4.782	4.782 (0.376)	39	551386			28.43- 128.43	77.11
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.893	4.893 (0.385)	85	1498513	25.0000	28.091	50.00- 150.00	100.00
4.893	4.893 (0.385)	87	468481			0.00- 81.56	31.26
18 Freon 114					CAS #: 76-14-2		
5.225	5.225 (0.411)	135	873856	25.0000	27.054	50.00- 150.00	100.00
5.225	5.225 (0.411)	137	275094			0.00- 80.61	31.48
19 Chloromethane					CAS #: 74-87-3		
5.446	5.446 (0.428)	50	734228	25.0000	25.882	50.00- 150.00	100.00
5.446	5.446 (0.428)	52	232653			0.00- 83.46	31.69
22 Vinyl Chloride					CAS #: 75-01-4		
5.805	5.805 (0.456)	62	685150	25.0000	28.002	50.00- 150.00	100.00
5.805	5.805 (0.456)	64	210470			0.00- 84.58	30.72
23 1,3-Butadiene					CAS #: 106-99-0		
5.861	5.861 (0.461)	54	507495	25.0000	28.085	50.00- 150.00	100.00
5.861	5.861 (0.461)	39	557814			73.02- 173.02	109.92
27 Bromomethane					CAS #: 74-83-9		
6.773	6.773 (0.533)	94	466683	25.0000	27.462	50.00- 150.00	100.00
6.773	6.773 (0.533)	96	438006			44.65- 144.65	93.86
30 Chloroethane					CAS #: 75-00-3		
7.050	7.050 (0.554)	64	311562	25.0000	25.332	50.00- 150.00	100.00
7.022	7.022 (0.552)	49	126347			0.00- 87.81	40.55
7.022	7.022 (0.552)	66	94923			0.00- 78.40	30.47
32 Trichlorofluoromethane/Fr11					CAS #: 75-69-4		
7.602	7.602 (0.598)	101	1398412	25.0000	28.362	50.00- 150.00	100.00
7.602	7.602 (0.598)	103	905008			13.64- 113.64	64.72

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
39 Ethanol					CAS #: 64-17-5		
8.073	8.073 (0.635)	45	306715	25.0000	25.550	50.00- 150.00	100.00
8.073	8.073 (0.635)	43	66451			0.00- 71.11	21.67
8.073	8.073 (0.635)	46	110383			0.00- 84.12	35.99
44 Freon 113					CAS #: 76-13-1		
8.791	8.791 (0.691)	151	787585	25.0000	28.722	50.00- 150.00	100.00
8.791	8.791 (0.691)	153	488183			15.50- 115.50	61.98
8.791	8.791 (0.691)	101	1050928			86.76- 186.76	133.44
45 1,1-Dichloroethene					CAS #: 75-35-4		
8.874	8.874 (0.698)	61	1119317	25.0000	28.245	50.00- 150.00	100.00
8.874	8.874 (0.698)	96	521146			1.71- 101.71	46.56
8.874	8.874 (0.698)	98	331332			0.00- 78.25	29.60
46 Acetone					CAS #: 67-64-1		
9.040	9.040 (0.711)	58	325797	25.0000	27.095	50.00- 150.00	100.00
9.040	9.040 (0.711)	43	1312660			367.91- 467.91	402.91
47 2-Propanol					CAS #: 67-63-0		
9.234	9.234 (0.726)	45	1433050	25.0000	26.679	50.00- 150.00	100.00
9.234	9.234 (0.726)	43	295120			0.00- 71.57	20.59
9.234	9.234 (0.726)	59	44628			0.00- 53.29	3.11
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.737)	76	1422731	25.0000	24.664	50.00- 150.00	100.00
51 3-Chloropropene					CAS #: 107-05-1		
9.676	9.676 (0.761)	76	227433	25.0000	27.139	50.00- 150.00	100.00
9.649	9.649 (0.759)	41	1140783			464.51- 564.51	501.59
56 Methylene Chloride					CAS #: 75-09-2		
9.953	9.953 (0.783)	49	1063000	25.0000	27.205	50.00- 150.00	100.00
9.953	9.953 (0.783)	84	456548			0.00- 95.37	42.95
9.953	9.953 (0.783)	51	313494			0.00- 82.62	29.49
60 MTBE					CAS #: 1634-04-4		
10.312	10.312 (0.811)	73	999458	25.0000	28.884	50.00- 150.00	100.00
10.312	10.312 (0.811)	57	304290			0.00- 83.12	30.45
10.312	10.312 (0.811)	41	365339			0.00- 89.80	36.55
61 trans-1,2-Dichloroethene					CAS #: 156-60-5		
10.395	10.395 (0.817)	96	531950	25.0000	28.175	50.00- 150.00	100.00
10.395	10.395 (0.817)	61	955766			122.08- 222.08	179.67
10.395	10.395 (0.817)	98	337209			10.41- 110.41	63.39

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
65 Hexane					CAS #: 110-54-3		
10.755	10.755 (0.846)	57	1103196	25.0000	28.122	50.00- 150.00	100.00
10.755	10.755 (0.846)	43	848624			27.06- 127.06	76.92
10.755	10.755 (0.846)	86	114950			0.00- 60.38	10.42
69 Vinyl Acetate					CAS #: 108-05-4		
11.225	11.225 (0.883)	86	104813	25.0000	25.360	50.00- 150.00	100.00
11.225	11.225 (0.883)	43	2192235			1878.23-1978.23	2091.57
70 1,1-Dichloroethane					CAS #: 75-34-3		
11.225	11.225 (0.883)	63	1184575	25.0000	28.776	50.00- 150.00	100.00
11.225	11.225 (0.883)	65	357332			0.00- 80.72	30.17
75 2-Butanone					CAS #: 78-93-3		
12.275	12.275 (0.965)	72	236351	25.0000	29.659	50.00- 150.00	100.00
12.275	12.275 (0.965)	43	1705974			686.92- 786.92	721.80
12.275	12.275 (0.965)	57	108199			0.00- 97.36	45.78
77 cis-1,2-Dichloroethene					CAS #: 156-59-2		
12.275	12.275 (0.965)	61	964801	25.0000	29.000	50.00- 150.00	100.00
12.275	12.275 (0.965)	96	580066			9.60- 109.60	60.12
12.275	12.275 (0.965)	98	360832			0.00- 86.30	37.40
79 Tetrahydrofuran					CAS #: 109-99-9		
12.718	12.718 (1.000)	42	966587	25.0000	25.908	50.00- 150.00	100.00
12.718	12.718 (1.000)	71	221496			0.00- 72.67	22.92
12.718	12.718 (1.000)	72	240449			0.00- 75.03	24.88
81 Chloroform					CAS #: 67-66-3		
12.801	12.801 (1.007)	83	1031378	25.0000	29.208	50.00- 150.00	100.00
12.801	12.801 (1.007)	85	668628			14.20- 114.20	64.83
83 1,1,1-Trichloroethane					CAS #: 71-55-6		
13.160	13.160 (1.035)	97	1105063	25.0000	29.220	50.00- 150.00	100.00
13.160	13.160 (1.035)	99	704787			10.00- 110.00	63.78
84 Cyclohexane					CAS #: 110-82-7		
13.160	13.160 (1.035)	84	642306	25.0000	28.201	50.00- 150.00	100.00
13.160	13.160 (1.035)	56	1108945			118.94- 218.94	172.65
13.160	13.160 (1.035)	41	719662			67.13- 167.13	112.04
86 Carbon Tetrachloride					CAS #: 56-23-5		
13.409	13.409 (1.054)	119	1056353	25.0000	29.510	50.00- 150.00	100.00
13.409	13.409 (1.054)	117	1095770			50.79- 150.79	103.73
91 Benzene					CAS #: 71-43-2		
13.824	13.824 (0.952)	78	1423392	25.0000	28.377	50.00- 150.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
91 Benzene (continued)							
13.824	13.824 (0.952)	77	307878			0.00- 73.17	21.63
89 2,2,4-Trimethylpentane					CAS #: 540-84-1		
13.768	13.768 (1.083)	57	3354614	25.0000	28.715	50.00- 150.00	100.00
13.768	13.768 (1.083)	56	1158544			0.00- 85.19	34.54
13.768	13.768 (1.083)	41	1055947			0.00- 84.57	31.48
93 1,2-Dichloroethane					CAS #: 107-06-2		
13.962	13.962 (0.962)	62	877192	25.0000	29.429	50.00- 150.00	100.00
13.962	13.962 (0.962)	64	261078			0.00- 84.01	29.76
94 Heptane					CAS #: 142-82-5		
14.072	14.072 (0.970)	71	433184	25.0000	28.615	50.00- 150.00	100.00
14.072	14.072 (0.970)	43	1368928			258.41- 358.41	316.02
14.072	14.072 (0.970)	57	611882			87.56- 187.56	141.25
100 Trichloroethene					CAS #: 79-01-6		
14.985	14.985 (1.032)	95	589124	25.0000	29.103	50.00- 150.00	100.00
14.985	14.985 (1.032)	130	555955			45.44- 145.44	94.37
14.985	14.985 (1.032)	97	378562			15.24- 115.24	64.26
104 1,2-Dichloropropane					CAS #: 78-87-5		
15.455	15.455 (1.065)	63	589167	25.0000	28.398	50.00- 150.00	100.00
15.455	15.455 (1.065)	62	447551			22.51- 122.51	75.96
15.455	15.455 (1.065)	41	490587			38.81- 138.81	83.27
106 1,4-Dioxane					CAS #: 123-91-1		
15.593	15.593 (1.074)	88	326066	25.0000	27.791	50.00- 150.00	100.00
15.593	15.593 (1.074)	58	286983			38.27- 138.27	88.01
15.593	15.593 (1.074)	57	107154			0.00- 82.05	32.86
108 Bromodichloromethane					CAS #: 75-27-4		
15.897	15.897 (1.095)	83	976260	25.0000	29.813	50.00- 150.00	100.00
15.897	15.897 (1.095)	85	621699			14.33- 114.33	63.68
111 cis-1,3-Dichloropropene					CAS #: 10061-01-5		
16.699	16.699 (1.150)	75	788312	25.0000	29.250	50.00- 150.00	100.00
16.699	16.699 (1.150)	77	247416			0.00- 81.90	31.39
16.699	16.699 (1.150)	39	717749			44.47- 144.47	91.05
112 4-Methyl-2-pentanone					CAS #: 108-10-1		
16.920	16.920 (1.166)	58	582146	25.0000	30.462	50.00- 150.00	100.00
16.920	16.920 (1.166)	43	1770312			266.86- 366.86	304.10
16.920	16.920 (1.166)	85	179457			0.00- 81.73	30.83

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
115 Toluene					CAS #: 108-88-3		
17.280	17.280 (1.190)	91	1566210	25.0000	27.786	50.00- 150.00	100.00
17.280	17.280 (1.190)	92	1003676			11.01- 111.01	64.08
116 trans-1,3-Dichloropropene					CAS #: 10061-02-6		
17.722	17.722 (0.896)	75	753987	25.0000	29.086	50.00- 150.00	100.00
17.722	17.722 (0.896)	77	238565			0.00- 83.01	31.64
17.695	17.695 (0.895)	39	641857			46.26- 146.26	85.13
118 1,1,2-Trichloroethane					CAS #: 79-00-5		
18.054	18.054 (0.913)	97	585494	25.0000	28.776	50.00- 150.00	100.00
18.054	18.054 (0.913)	99	366136			13.51- 113.51	62.53
18.054	18.054 (0.913)	83	476565			30.15- 130.15	81.40
119 Tetrachloroethene					CAS #: 127-18-4		
18.220	18.220 (0.922)	166	657108	25.0000	28.105	50.00- 150.00	100.00
18.220	18.220 (0.922)	129	520778			27.01- 127.01	79.25
18.220	18.220 (0.922)	131	491531			22.81- 122.81	74.80
120 2-Hexanone					CAS #: 591-78-6		
18.386	18.386 (0.930)	58	762354	25.0000	27.249	50.00- 150.00	100.00
18.386	18.386 (0.930)	43	1690363			174.47- 274.47	221.73
18.386	18.386 (0.930)	100	96009			0.00- 63.33	12.59
123 Dibromochloromethane					CAS #: 124-48-1		
18.745	18.745 (0.948)	129	959668	25.0000	29.676	50.00- 150.00	100.00
18.745	18.745 (0.948)	127	750364			28.74- 128.74	78.19
124 1,2-Dibromoethane					CAS #: 106-93-4		
19.022	19.022 (0.962)	107	876930	25.0000	29.208	50.00- 150.00	100.00
19.022	19.022 (0.962)	109	824315			46.70- 146.70	94.00
126 Chlorobenzene					CAS #: 108-90-7		
19.824	19.824 (1.003)	112	1273815	25.0000	27.459	50.00- 150.00	100.00
19.824	19.824 (1.003)	114	419045			0.00- 81.87	32.90
19.824	19.824 (1.003)	77	743827			19.98- 119.98	58.39
128 Ethyl Benzene					CAS #: 100-41-4		
19.934	19.934 (1.008)	106	698435	25.0000	28.341	50.00- 150.00	100.00
19.934	19.934 (1.008)	91	2191528			278.01- 378.01	313.78
130 m,p-Xylene					CAS #: 108-38-3		
20.128	20.128 (1.018)	106	1717068	50.0000	52.088	50.00- 150.00	100.00
20.128	20.128 (1.018)	91	3399865			160.43- 260.43	198.00
131 o-Xylene					CAS #: 95-47-6		
20.874	20.874 (1.056)	106	859749	25.0000	27.180	50.00- 150.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
131 o-Xylene (continued)							
20.874	20.874 (1.056)	91	1775529			154.94- 254.94	206.52
132 Styrene					CAS #: 100-42-5		
20.902	20.902 (1.057)	104	1274402	25.0000	26.676	50.00- 150.00	100.00
20.902	20.902 (1.057)	78	664763			6.83- 106.83	52.16
133 Bromoform					CAS #: 75-25-2		
21.317	21.317 (1.078)	173	899048	25.0000	28.515	50.00- 150.00	100.00
21.317	21.317 (1.078)	171	459536			2.03- 102.03	51.11
135 Cumene					CAS #: 98-82-8		
21.483	21.483 (1.087)	105	2565336	25.0000	23.764	50.00- 150.00	100.00
21.483	21.483 (1.087)	120	693909			0.00- 74.93	27.05
21.483	21.483 (1.087)	51	384916			0.00- 67.07	15.00
138 1,1,2,2-Tetrachloroethane					CAS #: 79-34-5		
22.091	22.091 (1.117)	83	1316862	25.0000	25.702	50.00- 150.00	100.00
22.091	22.091 (1.117)	85	850443			13.14- 113.14	64.58
139 Propylbenzene					CAS #: 103-65-1		
22.229	22.229 (1.124)	91	3302838	25.0000	26.121	50.00- 150.00	100.00
22.229	22.229 (1.124)	120	728247			0.00- 72.02	22.05
22.229	22.229 (1.124)	105	117916			0.00- 54.30	3.57
144 4-Ethyltoluene					CAS #: 622-96-8		
22.423	22.423 (1.134)	105	2564110	25.0000	25.265	50.00- 150.00	100.00
22.423	22.423 (1.134)	120	778621			0.00- 80.37	30.37
146 1,3,5-Trimethylbenzene					CAS #: 108-67-8		
22.533	22.533 (1.140)	105	1949836	25.0000	25.207	50.00- 150.00	100.00
22.533	22.533 (1.140)	120	979018			0.00- 99.69	50.21
150 1,2,4-Trimethylbenzene					CAS #: 95-63-6		
23.224	23.224 (1.175)	105	1935935	25.0000	24.366	50.00- 150.00	100.00
23.224	23.224 (1.175)	120	931901			0.00- 97.68	48.14
156 1,3-Dichlorobenzene					CAS #: 541-73-1		
23.833	23.833 (1.206)	146	1288125	25.0000	24.279	50.00- 150.00	100.00
23.833	23.833 (1.206)	148	819250			12.59- 112.59	63.60
23.833	23.833 (1.206)	111	516471			0.00- 90.49	40.09
157 1,4-Dichlorobenzene					CAS #: 106-46-7		
23.999	23.999 (1.214)	146	1289583	25.0000	24.509	50.00- 150.00	100.00
23.999	23.999 (1.214)	148	818285			15.28- 115.28	63.45
23.999	23.999 (1.214)	111	495228			0.00- 90.12	38.40

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
159 alpha-Chlorotoluene					CAS #: 100-44-7		
24.247	24.247 (1.227)	91	2091476	25.0000	24.516	50.00- 150.00	100.00
24.247	24.247 (1.227)	126	403918			0.00- 70.00	19.31
162 1,2-Dichlorobenzene					CAS #: 95-50-1		
24.690	24.690 (1.249)	146	1160354	25.0000	23.060	50.00- 150.00	100.00
24.690	24.690 (1.249)	148	736287			14.21- 114.21	63.45
24.690	24.690 (1.249)	111	492885			0.00- 92.31	42.48
167 1,2,4-Trichlorobenzene					CAS #: 120-82-1		
27.759	27.759 (1.404)	180	335912	25.0000	18.565	50.00- 150.00	100.00
27.759	27.759 (1.404)	182	318048			42.29- 142.29	94.68
168 Hexachlorobutadiene					CAS #: 87-68-3		
27.952	27.952 (1.414)	225	290716	25.0000	21.145	50.00- 150.00	100.00
27.952	27.952 (1.414)	223	180680			16.53- 116.53	62.15
169 Naphthalene					CAS #: 91-20-3		
28.340	28.340 (1.434)	128	351484	12.5000	7.592	50.00- 150.00	100.00
28.340	28.340 (1.434)	127	47444			0.00- 67.34	13.50
29 Isopentane					CAS #: 78-78-4		
7.105	7.105 (0.559)	43	1021761	25.0000	27.162	50.00- 150.00	100.00
7.105	7.105 (0.559)	57	578390			7.08- 107.08	56.61
20 Butane					CAS #: 106-97-8		
5.695	5.695 (0.448)	58	107891	25.0000	26.937	50.00- 150.00	100.00
5.695	5.695 (0.448)	43	1106755			988.87-1088.87	1025.81
102 Methyl Cyclohexane					CAS #: 108-87-2		
15.261	15.261 (1.200)	83	795588	25.0000	28.748	50.00- 150.00	100.00
15.261	15.261 (1.200)	98	355247			0.00- 95.08	44.65
15.261	15.261 (1.200)	55	958033			72.81- 172.81	120.42

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1012612.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: srs
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 200ppbv -> 25ppbv

Calibration Date: 26-JAN-2007
Calibration Time: 21:34
Client Smp ID: Level 4
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	304683	182810	426556	313130	2.77
96 1,4-Difluorobenze	1208906	725344	1692468	1191178	-1.47
125 Chlorobenzene-d5	1081956	649174	1514738	1082361	0.04

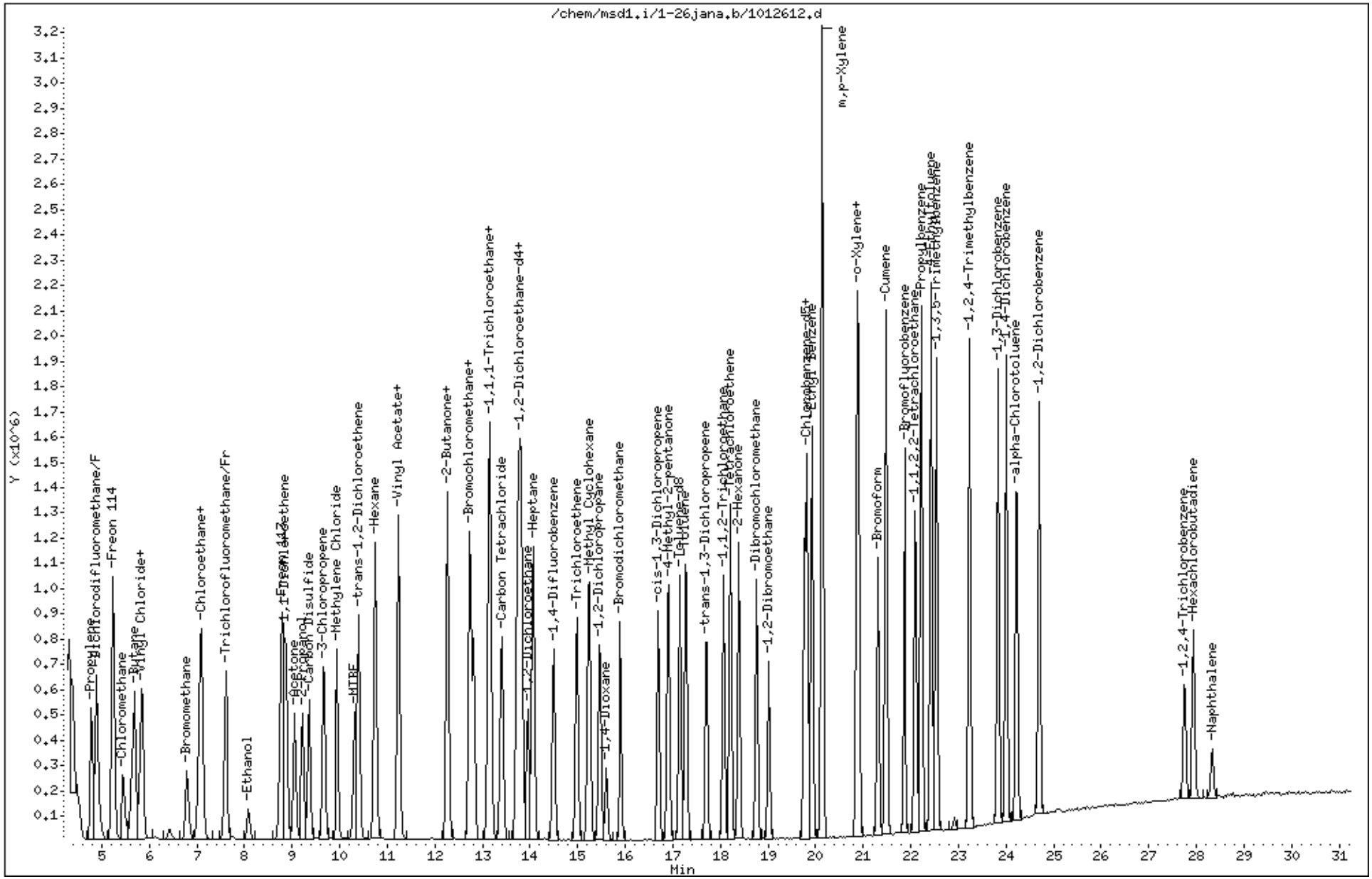
		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.75	12.42	13.08	12.72	-0.22
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Data File: /chem/msd1.i/1-26jana.b/1012612.d
Date : 26-JAN-2007 20:57
Client ID: Level 4
Sample Info: 25mL #1408-364

Instrument: msd1.i
Operator: srs
Column diameter: 0.53

Column phase: RTx-624



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AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-08mar.b/1030803.d
Lab Smp Id: ICAL Client Smp ID: Level 5
Inj Date : 08-MAR-2007 10:11
Operator : sjr Inst ID: msd1.i
Smp Info : 50mL #1290-54
Misc Info : 200ppbv-50ppbv
Comment :
Method : /chem/msd1.i/1-08mar.b/t14q126d.m
Meth Date : 08-Mar-2007 10:37 sruth Quant Type: ISTD
Cal Date : 08-MAR-2007 10:11 Cal File: 1030803.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: sp1d.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.718 (1.000)	130	255558	25.0000		80.00- 120.00	100.00
12.745	12.745 (1.000)	128	192055			25.15- 125.15	75.15
12.718	12.718 (1.000)	49	746352			242.05- 342.05	292.05
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	999525	25.0000		80.00- 120.00	100.00
14.515	14.515 (1.000)	88	164200			0.00- 66.43	16.43
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	904091	25.0000		80.00- 120.00	100.00
19.768	19.768 (1.000)	82	514835			6.83- 106.83	56.95
54 Cyclopentene					CAS #: 142-29-0		
9.759	9.759 (0.767)	67	1605890	50.0000	50.000	80.00- 120.00	100.00
9.759	9.759 (0.767)	68	637533			0.00- 89.70	39.70
9.759	9.759 (0.767)	53	505635			0.00- 81.49	31.49

Report Date: 08-Mar-2007 10:41

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1030803.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: sjr
Method File: /chem/msd1.i/1-08mar.b/t14q126d.m
Misc Info: 200ppbv-50ppbv

Calibration Date: 08-MAR-2007
Calibration Time: 10:11
Client Smp ID: Level 5
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	255558	153335	357781	255558	0.00
96 1,4-Difluorobenze	999525	599715	1399335	999525	0.00
125 Chlorobenzene-d5	904091	542455	1265727	904091	0.00

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

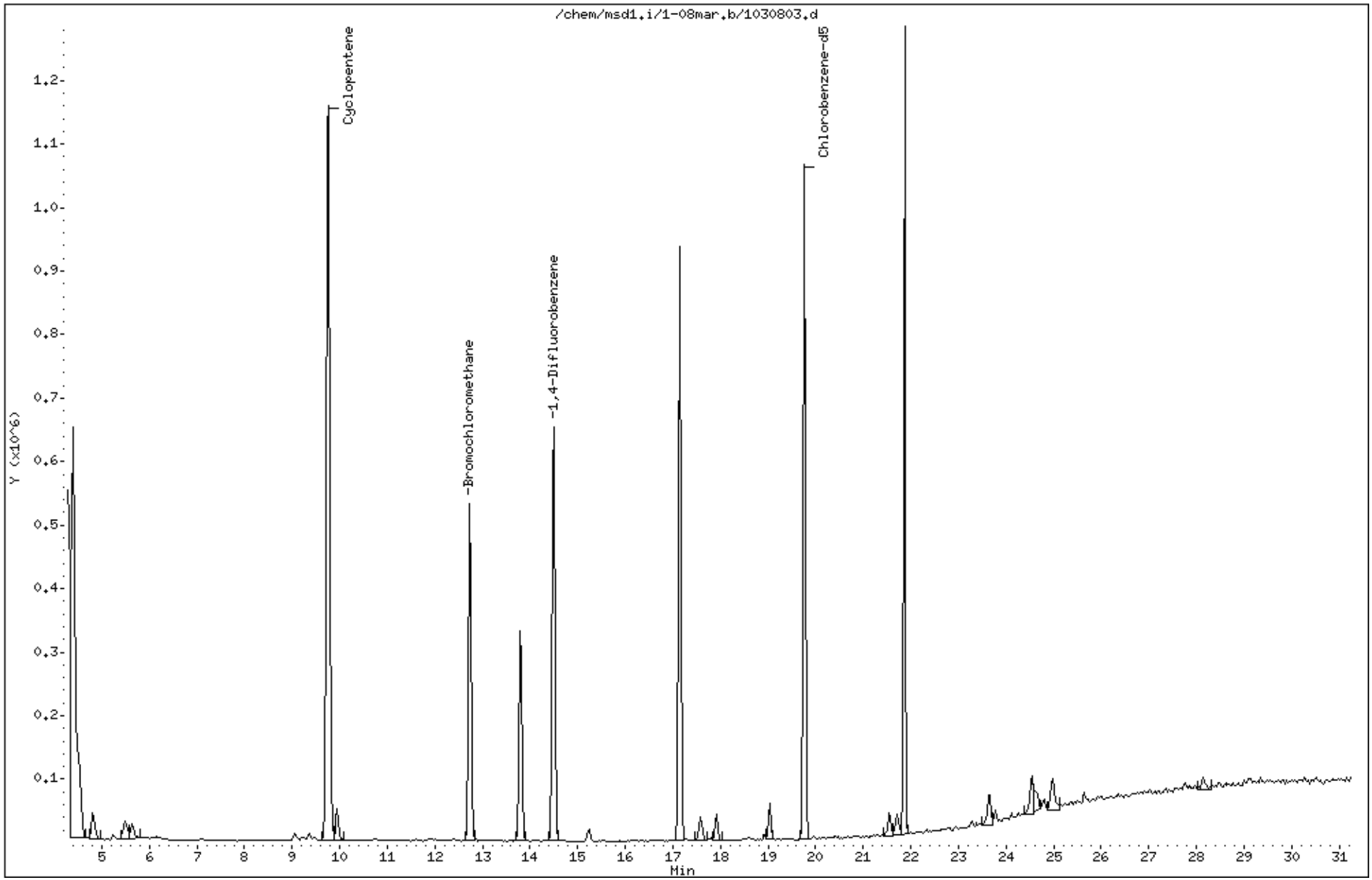
0133

Data File: /chem/msd1.i/1-08mar.b/1030803.d
Date : 08-MAR-2007 10:11
Client ID: Level 5
Sample Info: 50mL #1443-8

Column phase: RTx-624

Instrument: msd1.i

Operator: sjr
Column diameter: 0.53



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-21feb.b/1022108.d
Lab Smp Id: ICAL Client Smp ID: level 5
Inj Date : 21-FEB-2007 17:34
Operator : dm Inst ID: msd1.i
Smp Info : 50mL #1408-378
Misc Info : 200ppbv-50ppbv
Comment :
Method : /chem/msd1.i/1-21feb.b/t14q126c.m
Meth Date : 21-Feb-2007 20:26 ctaylor Quant Type: ISTD
Cal Date : 21-FEB-2007 17:34 Cal File: 1022108.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: sp1c.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.718 (1.000)	130	219817	25.0000		80.00- 120.00	100.00
12.718	12.718 (1.000)	128	173675			29.01- 129.01	79.01
12.718	12.718 (1.000)	49	656728			248.76- 348.76	298.76
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	894349	25.0000		80.00- 120.00	100.00
14.487	14.487 (1.000)	88	146887			0.00- 66.42	16.42
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	775099	25.0000		80.00- 120.00	100.00
19.768	19.768 (1.000)	82	447059			6.95- 106.95	57.68
203 Propane					CAS #: 74-98-6		
4.782	4.782 (0.376)	43	465834	50.0000	48.635	80.00- 120.00	100.00
4.782	4.782 (0.376)	45	14375			0.00- 98.59	3.09
4.782	4.782 (0.376)	41	254191			3.41- 103.41	54.57

Report Date: 21-Feb-2007 20:26

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1022108.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: dm
Method File: /chem/msd1.i/1-21feb.b/t14q126c.m
Misc Info: 200ppbv-50ppbv

Calibration Date: 21-FEB-2007
Calibration Time: 17:34
Client Smp ID: level 5
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	219817	131890	307744	219817	0.00
96 1,4-Difluorobenze	894349	536609	1252089	894349	0.00
125 Chlorobenzene-d5	775099	465059	1085139	775099	0.00

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

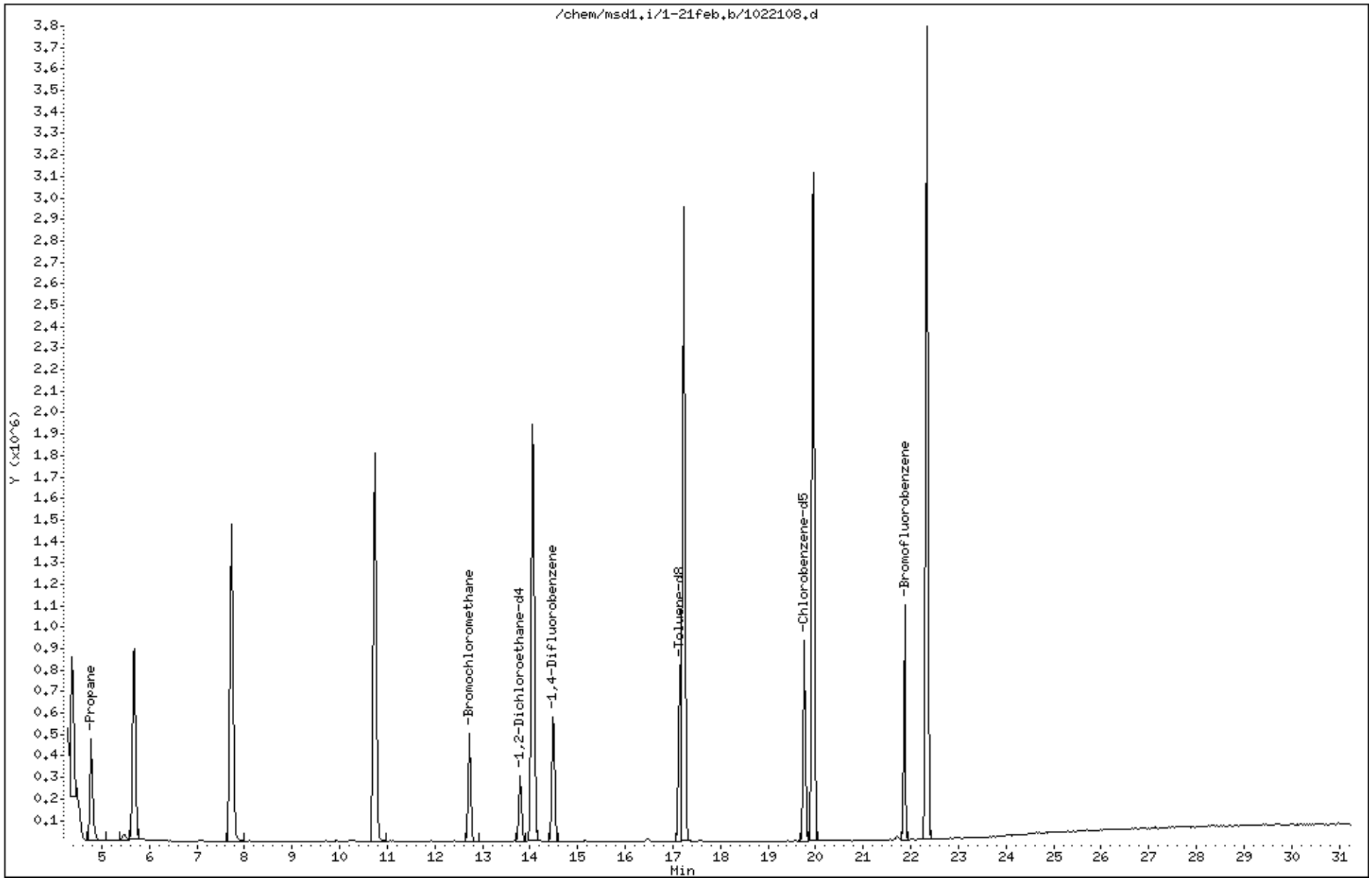
0136

Data File: /chem/msd1.i/1-21feb.b/1022108.d
Date : 21-FEB-2007 17:34
Client ID: level 5
Sample Info: 50mL #1408-378

Column phase: RTx-624

Instrument: msd1.i

Operator: dm
Column diameter: 0.53



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-31jan.b/1013106.d
Lab Smp Id: ICAL Client Smp ID: Level 5
Inj Date : 31-JAN-2007 14:14
Operator : dm Inst ID: msd1.i
Smp Info : 50mL #1408-369
Misc Info : 200ppbv/1200ppbv-50ppbv/300ppbv
Comment :
Method : /chem/msd1.i/1-31jan.b/t14q126b.m
Meth Date : 31-Jan-2007 19:00 ctaylor Quant Type: ISTD
Cal Date : 31-JAN-2007 14:14 Cal File: 1013106.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: sp22b.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane					CAS #: 74-97-5		
12.730	12.730 (1.000)	130	298832	25.0000		80.00- 120.00	100.00
12.730	12.730 (1.000)	128	228721			26.54- 126.54	76.54
12.730	12.730 (1.000)	49	779607			210.88- 310.88	260.88
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.500	14.500 (1.000)	114	1146350	25.0000		80.00- 120.00	100.00
14.500	14.500 (1.000)	88	185111			0.00- 66.15	16.15
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.781	19.781 (1.000)	117	1026572	25.0000		80.00- 120.00	100.00
19.781	19.781 (1.000)	82	573624			6.18- 106.18	55.88
97 2-Heptanone					CAS #: 110-43-0		
21.025	21.025 (1.652)	58	2980199	50.0000	55.099	80.00- 120.00	100.00
21.025	21.025 (1.652)	43	5707360			138.74- 238.74	191.51
143 Diisobutyl Ketone					CAS #: 108-83-8		
22.712	22.712 (1.148)	57	5392410	50.0000	52.381	80.00- 120.00	100.00
22.712	22.712 (1.148)	85	3165104			8.70- 108.70	58.70

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
143 Diisobutyl Ketone (continued)							
0.000	1.000 (0.000)	0	0			0.00- 50.00	0.00
88 Isobutanol					CAS #: 78-83-1		
13.477	13.477 (0.929)	43	1505210	50.0000	57.914	80.00- 120.00	100.00
13.477	13.477 (0.929)	41	1096617			23.38- 123.38	72.85
0.000	1.000 (0.000)	0	0			0.00- 50.00	0.00
98 1-Butanol					CAS #: 71-36-3		
14.693	14.693 (1.013)	56	1175070	50.0000	61.105	80.00- 120.00	100.00
14.693	14.693 (1.013)	41	981995			38.85- 138.85	83.57
14.693	14.693 (1.013)	43	758622			15.20- 115.20	64.56
26 Methanol					CAS #: 67-56-1		
6.425	6.425 (0.505)	31	3795947	300.000	234.35	80.00- 120.00	100.00
6.425	6.425 (0.505)	32	2794571			23.62- 123.62	73.62
66 1-Propanol					CAS #: 71-23-8		
11.265	11.265 (0.885)	42	351614	50.0000	53.710	80.00- 120.00	100.00
11.265	11.265 (0.885)	59	333746			39.82- 139.82	94.92
11.265	11.265 (0.885)	41	272451			36.80- 136.80	77.49
57 tert-Butyl-Alcohol					CAS #: 75-65-0		
10.021	10.021 (0.787)	59	1471630	50.0000	59.241	80.00- 120.00	100.00
10.021	10.021 (0.787)	41	386918			0.00- 78.89	26.29
10.021	10.021 (0.787)	57	153968			0.00- 62.36	10.46
72 t-Butylethyl Ether					CAS #: 637-92-3		
11.790	11.790 (0.926)	59	3394761	50.0000	54.440	80.00- 120.00	100.00
11.790	11.790 (0.926)	87	993447			0.00- 79.85	29.26
11.790	11.790 (0.926)	41	751706			0.00- 74.29	22.14
92 tert-amyl-Methyl Ether					CAS #: 994-05-8		
13.892	13.892 (1.091)	73	2108022	50.0000	53.097	80.00- 120.00	100.00
13.892	13.892 (1.091)	87	505362			0.00- 73.16	23.97
13.892	13.892 (1.091)	55	766688			0.00- 87.31	36.37
68 Isopropyl ether					CAS #: 108-20-3		
11.154	11.154 (0.876)	45	5741213	50.0000	52.917	80.00- 120.00	100.00
11.154	11.154 (0.876)	87	825425			0.00- 64.11	14.38
11.154	11.154 (0.876)	59	466140			0.00- 58.25	8.12
74 Ethyl Acetate					CAS #: 141-78-6		
12.260	12.260 (0.963)	45	583788	50.0000	55.026	80.00- 120.00	100.00
12.260	12.260 (0.963)	61	419057			21.17- 121.17	71.78
12.260	12.260 (0.963)	43	4091345			664.57- 764.57	700.83

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
122 Butyl Acetate					CAS #: 123-86-4		
18.509	18.509 (1.276)	56	1721930	50.0000	55.072	80.00- 120.00	100.00
18.509	18.509 (1.276)	73	362124			0.00- 71.03	21.03
18.509	18.509 (1.276)	43	4947134			237.30- 337.30	287.30
136 Cyclohexanone					CAS #: 108-94-1		
21.827	21.827 (1.103)	55	2377839	50.0000	53.012	80.00- 120.00	100.00
21.827	21.827 (1.103)	98	734207			0.00- 80.95	30.88
21.799	21.799 (1.102)	42	1958573			32.54- 132.54	82.37
5 Freon 143a					CAS #: 420-46-2		
4.510	4.510 (0.354)	69	1761057	50.0000	44.306	80.00- 120.00	100.00
4.510	4.510 (0.354)	65	702919			0.00- 81.05	39.91
4.510	4.510 (0.354)	64	188436			0.00- 60.72	10.70
6 Freon142b					CAS #: 75-68-3		
5.355	5.355 (0.421)	65	2278657	50.0000	52.632	80.00- 120.00	100.00
5.355	5.355 (0.421)	45	800286			0.00- 85.46	35.12
5.383	5.383 (0.423)	85	256916			0.00- 61.23	11.27
8 Freon 134a					CAS #: 811-97-2		
4.651	4.651 (0.365)	83	931488	50.0000	52.311	80.00- 120.00	100.00
4.651	4.651 (0.365)	69	1017098			67.80- 167.80	109.19
4.651	4.651 (0.365)	63	113508			0.00- 63.77	12.19
13 Freon 152a					CAS #: 75-37-6		
4.819	4.819 (0.379)	65	706813	50.0000	47.556	80.00- 120.00	100.00
4.819	4.819 (0.379)	51	2015681			229.86- 329.86	285.18
4.819	4.819 (0.379)	47	407817			12.50- 112.50	57.70
16 Freon 22					CAS #: 75-45-6		
4.960	4.960 (0.390)	51	2889748	50.0000	50.308	80.00- 120.00	100.00
4.960	4.960 (0.390)	67	272658			0.00- 59.45	9.44
4.960	4.960 (0.390)	85	26295			0.00- 53.53	0.91
33 Dichlorofluoromethane/Fr21					CAS #: 75-43-4		
7.579	7.579 (0.595)	67	1775297	50.0000	51.008	80.00- 120.00	100.00
7.579	7.579 (0.595)	69	512004			0.00- 78.40	28.84
7.579	7.579 (0.595)	35	177006			0.00- 60.34	9.97
41 Freon123a					CAS #: 354-23-4		
8.417	8.417 (0.661)	67	1054082	50.0000	50.816	80.00- 120.00	100.00
8.417	8.417 (0.661)	117	697196			13.21- 113.21	66.14
42 Freon123					CAS #: 306-83-2		
8.555	8.555 (0.672)	83	574704	50.0000	51.576	80.00- 120.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
42 Freon123 (continued)							
8.555	8.555 (0.672)	133	110792			0.00- 72.11	19.28
8.555	8.555 (0.672)	85	408208			17.70- 117.70	71.03

Report Date: 31-Jan-2007 19:00

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1013106.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: dm
Method File: /chem/msd1.i/1-31jan.b/t14q126b.m
Misc Info: 200ppbv/1200ppbv-50ppbv/300ppbv

Calibration Date: 31-JAN-2007
Calibration Time: 14:14
Client Smp ID: Level 5
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	298832	179299	418365	298832	0.00
96 1,4-Difluorobenze	1146350	687810	1604890	1146350	0.00
125 Chlorobenzene-d5	1026572	615943	1437201	1026572	0.00

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.73	12.40	13.06	12.73	0.00
96 1,4-Difluorobenze	14.50	14.17	14.83	14.50	0.00
125 Chlorobenzene-d5	19.78	19.45	20.11	19.78	0.00

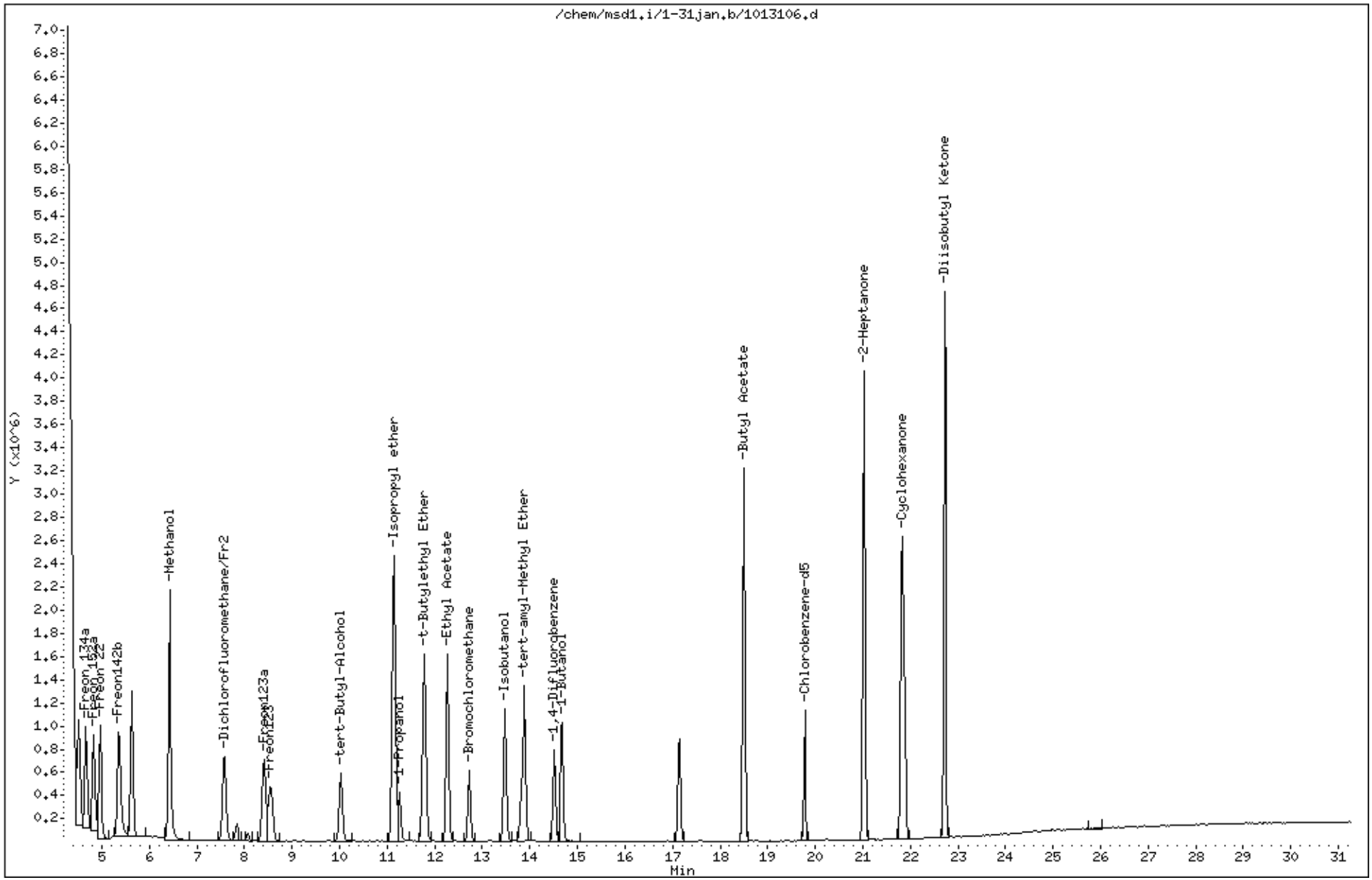
AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

0142

Data File: /chem/msd1.i/1-31jan.b/1013106.d
Date : 31-JAN-2007 14:14
Client ID: Level 5
Sample Info: 50mL #1408-369

Instrument: msd1.i
Operator: dm
Column diameter: 0.53

Column phase: RTx-624



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-26jana.b/1012613.d
Lab Smp Id: ICAL Client Smp ID: Level 5
Inj Date : 26-JAN-2007 21:34
Operator : srs Inst ID: msd1.i
Smp Info : 50mL #1408-364
Misc Info : 200ppbv -> 50ppbv
Comment :
Method : /chem/msd1.i/1-26jana.b/t14q126a.m
Meth Date : 30-Jan-2007 14:46 ctaylor Quant Type: ISTD
Cal Date : 26-JAN-2007 21:34 Cal File: 1012613.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: AT04mdl+ENSR.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
* 80 Bromochloromethane					CAS #: 74-97-5		
12.745	12.745 (1.000)	130	304683	25.0000		80.00- 120.00	100.00
12.745	12.745 (1.000)	128	243702			29.99- 129.99	79.99
12.718	12.718 (1.000)	49	1078862			304.09- 404.09	354.09
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	1208906	25.0000		80.00- 120.00	100.00
14.515	14.515 (1.000)	88	190919			0.00- 65.79	15.79
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	1081956	25.0000		80.00- 120.00	100.00
19.768	19.768 (1.000)	82	605652			6.18- 106.18	55.98
$ 90 1,2-Dichloroethane-d4					CAS #: 17060-07-0		
13.796	13.796 (1.082)	65	554437	25.0000	25.956	80.00- 120.00	100.00
13.796	13.796 (1.082)	67	287289			0.62- 100.62	51.82
$ 113 Toluene-d8					CAS #: 2037-26-5		
17.142	17.142 (1.181)	98	1185815	25.0000	24.881	80.00- 120.00	100.00
17.142	17.142 (1.181)	70	136709			0.00- 61.35	11.53

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	818049			19.43- 119.43	68.99
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	682277	25.0000	25.197	80.00- 120.00	100.00
21.870	21.870 (1.106)	95	995037			95.84- 195.84	145.84
21.870	21.870 (1.106)	176	665698			47.57- 147.57	97.57
12 Propylene					CAS #: 115-07-1		
4.782	4.782 (0.375)	41	1302728	50.0000	49.732	80.00- 120.00	100.00
4.782	4.782 (0.375)	42	940545			20.40- 120.40	72.20
4.782	4.782 (0.375)	39	1010038			28.43- 128.43	77.53
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.893	4.893 (0.384)	85	2725562	50.0000	52.510	80.00- 120.00	100.00
4.893	4.893 (0.384)	87	875401			0.00- 81.56	32.12
18 Freon 114					CAS #: 76-14-2		
5.225	5.225 (0.410)	135	1615686	50.0000	51.408	80.00- 120.00	100.00
5.225	5.225 (0.410)	137	528643			0.00- 82.72	32.72
19 Chloromethane					CAS #: 74-87-3		
5.446	5.446 (0.427)	50	1377643	50.0000	49.910	80.00- 120.00	100.00
5.446	5.446 (0.427)	52	411548			0.00- 83.46	29.87
22 Vinyl Chloride					CAS #: 75-01-4		
5.805	5.805 (0.455)	62	1260711	50.0000	52.953	80.00- 120.00	100.00
5.805	5.805 (0.455)	64	373211			0.00- 84.58	29.60
23 1,3-Butadiene					CAS #: 106-99-0		
5.861	5.861 (0.460)	54	952635	50.0000	54.181	80.00- 120.00	100.00
5.833	5.833 (0.458)	39	1025177			73.02- 173.02	107.61
27 Bromomethane					CAS #: 74-83-9		
6.773	6.773 (0.531)	94	890139	50.0000	53.832	80.00- 120.00	100.00
6.773	6.773 (0.531)	96	860022			46.62- 146.62	96.62
30 Chloroethane					CAS #: 75-00-3		
7.050	7.050 (0.553)	64	613786	50.0000	51.289	80.00- 120.00	100.00
7.050	7.050 (0.553)	49	250092			0.00- 87.81	40.75
7.050	7.050 (0.553)	66	178211			0.00- 78.40	29.03
32 Trichlorofluoromethane/Fr11					CAS #: 75-69-4		
7.603	7.603 (0.596)	101	2594361	50.0000	54.076	80.00- 120.00	100.00
7.603	7.603 (0.596)	103	1683889			14.91- 114.91	64.91

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
39 Ethanol					CAS #: 64-17-5		
8.073	8.073 (0.633)	45	607940	50.0000	52.046	80.00- 120.00	100.00
8.073	8.073 (0.633)	43	125451			0.00- 71.11	20.64
8.073	8.073 (0.633)	46	220832			0.00- 84.12	36.32
44 Freon 113					CAS #: 76-13-1		
8.791	8.791 (0.690)	151	1444192	50.0000	54.128	80.00- 120.00	100.00
8.791	8.791 (0.690)	153	929947			14.39- 114.39	64.39
8.791	8.791 (0.690)	101	1981119			87.18- 187.18	137.18
45 1,1-Dichloroethene					CAS #: 75-35-4		
8.874	8.874 (0.696)	61	2113335	50.0000	54.807	80.00- 120.00	100.00
8.874	8.874 (0.696)	96	990412			0.00- 96.86	46.86
8.874	8.874 (0.696)	98	620475			0.00- 79.36	29.36
46 Acetone					CAS #: 67-64-1		
9.040	9.040 (0.709)	58	603459	50.0000	51.578	80.00- 120.00	100.00
9.040	9.040 (0.709)	43	2503082			367.91- 467.91	414.79
47 2-Propanol					CAS #: 67-63-0		
9.234	9.234 (0.724)	45	2776450	50.0000	53.122	80.00- 120.00	100.00
9.234	9.234 (0.724)	43	555122			0.00- 71.57	19.99
9.234	9.234 (0.724)	59	83601			0.00- 53.29	3.01
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.735)	76	2665895	50.0000	47.497	80.00- 120.00	100.00
51 3-Chloropropene					CAS #: 107-05-1		
9.676	9.676 (0.759)	76	434510	50.0000	53.286	80.00- 120.00	100.00
9.649	9.649 (0.757)	41	2177857			464.51- 564.51	501.22
56 Methylene Chloride					CAS #: 75-09-2		
9.953	9.953 (0.781)	49	1974599	50.0000	51.936	80.00- 120.00	100.00
9.953	9.953 (0.781)	84	848090			0.00- 92.95	42.95
9.953	9.953 (0.781)	51	577393			0.00- 82.62	29.24
60 MTBE					CAS #: 1634-04-4		
10.312	10.312 (0.809)	73	1943278	50.0000	57.717	80.00- 120.00	100.00
10.312	10.312 (0.809)	57	605828			0.00- 81.18	31.18
10.312	10.312 (0.809)	41	700235			0.00- 89.80	36.03
61 trans-1,2-Dichloroethene					CAS #: 156-60-5		
10.395	10.395 (0.816)	96	987899	50.0000	53.775	80.00- 120.00	100.00
10.395	10.395 (0.816)	61	1779985			130.18- 230.18	180.18
10.395	10.395 (0.816)	98	631161			10.41- 110.41	63.89

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
65 Hexane					CAS #: 110-54-3		
10.755	10.755 (0.844)	57	2092643	50.0000	54.823	80.00- 120.00	100.00
10.755	10.755 (0.844)	43	1571046			27.06- 127.06	75.07
10.755	10.755 (0.844)	86	213476			0.00- 60.38	10.20
69 Vinyl Acetate					CAS #: 108-05-4		
11.225	11.225 (0.881)	86	203705	50.0000	50.655	80.00- 120.00	100.00
11.225	11.225 (0.881)	43	4190934			1878.23-1978.23	2057.35
70 1,1-Dichloroethane					CAS #: 75-34-3		
11.225	11.225 (0.881)	63	2236021	50.0000	55.823	80.00- 120.00	100.00
11.225	11.225 (0.881)	65	664072			0.00- 79.70	29.70
75 2-Butanone					CAS #: 78-93-3		
12.275	12.275 (0.963)	72	460395	50.0000	59.375	80.00- 120.00	100.00
12.275	12.275 (0.963)	43	3264359			659.03- 759.03	709.03
12.275	12.275 (0.963)	57	206701			0.00- 97.36	44.90
77 cis-1,2-Dichloroethene					CAS #: 156-59-2		
12.275	12.275 (0.963)	61	1810866	50.0000	55.940	80.00- 120.00	100.00
12.275	12.275 (0.963)	96	1086206			9.98- 109.98	59.98
12.275	12.275 (0.963)	98	678462			0.00- 87.47	37.47
79 Tetrahydrofuran					CAS #: 109-99-9		
12.718	12.718 (0.998)	42	1821427	50.0000	50.174	80.00- 120.00	100.00
12.718	12.718 (0.998)	71	418870			0.00- 73.00	23.00
12.718	12.718 (0.998)	72	451576			0.00- 75.03	24.79
81 Chloroform					CAS #: 67-66-3		
12.801	12.801 (1.004)	83	1939417	50.0000	56.447	80.00- 120.00	100.00
12.801	12.801 (1.004)	85	1245188			14.20- 114.20	64.20
83 1,1,1-Trichloroethane					CAS #: 71-55-6		
13.160	13.160 (1.033)	97	2067225	50.0000	56.177	80.00- 120.00	100.00
13.160	13.160 (1.033)	99	1314133			13.57- 113.57	63.57
84 Cyclohexane					CAS #: 110-82-7		
13.160	13.160 (1.033)	84	1217968	50.0000	54.959	80.00- 120.00	100.00
13.160	13.160 (1.033)	56	2084482			121.14- 221.14	171.14
13.160	13.160 (1.033)	41	1357206			61.43- 161.43	111.43
86 Carbon Tetrachloride					CAS #: 56-23-5		
13.409	13.409 (1.052)	119	1994401	50.0000	57.259	80.00- 120.00	100.00
13.409	13.409 (1.052)	117	2077622			54.17- 154.17	104.17
91 Benzene					CAS #: 71-43-2		
13.824	13.824 (0.952)	78	2668738	50.0000	52.424	80.00- 120.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
91 Benzene (continued)							
13.824	13.824 (0.952)	77	567540			0.00- 73.17	21.27
89 2,2,4-Trimethylpentane					CAS #: 540-84-1		
13.768	13.768 (1.080)	57	6290531	50.0000	55.339	80.00- 120.00	100.00
13.768	13.768 (1.080)	56	2152671			0.00- 85.19	34.22
13.768	13.768 (1.080)	41	1977796			0.00- 84.57	31.44
93 1,2-Dichloroethane					CAS #: 107-06-2		
13.962	13.962 (0.962)	62	1649112	50.0000	54.516	80.00- 120.00	100.00
13.962	13.962 (0.962)	64	488006			0.00- 84.01	29.59
94 Heptane					CAS #: 142-82-5		
14.073	14.073 (0.970)	71	816997	50.0000	53.177	80.00- 120.00	100.00
14.073	14.073 (0.970)	43	2530642			258.41- 358.41	309.75
14.073	14.073 (0.970)	57	1128803			87.56- 187.56	138.16
100 Trichloroethene					CAS #: 79-01-6		
14.985	14.985 (1.032)	95	1117454	50.0000	54.394	80.00- 120.00	100.00
14.985	14.985 (1.032)	130	1050609			44.02- 144.02	94.02
14.985	14.985 (1.032)	97	722039			14.61- 114.61	64.61
104 1,2-Dichloropropane					CAS #: 78-87-5		
15.455	15.455 (1.065)	63	1122510	50.0000	53.312	80.00- 120.00	100.00
15.455	15.455 (1.065)	62	837091			24.57- 124.57	74.57
15.455	15.455 (1.065)	41	908378			30.92- 130.92	80.92
106 1,4-Dioxane					CAS #: 123-91-1		
15.593	15.593 (1.074)	88	625824	50.0000	52.557	80.00- 120.00	100.00
15.593	15.593 (1.074)	58	553152			38.39- 138.39	88.39
15.593	15.593 (1.074)	57	191622			0.00- 82.05	30.62
108 Bromodichloromethane					CAS #: 75-27-4		
15.897	15.897 (1.095)	83	1867453	50.0000	56.192	80.00- 120.00	100.00
15.897	15.897 (1.095)	85	1199408			14.23- 114.23	64.23
111 cis-1,3-Dichloropropene					CAS #: 10061-01-5		
16.699	16.699 (1.150)	75	1514470	50.0000	55.370	80.00- 120.00	100.00
16.699	16.699 (1.150)	77	470989			0.00- 81.10	31.10
16.699	16.699 (1.150)	39	1348061			39.01- 139.01	89.01
112 4-Methyl-2-pentanone					CAS #: 108-10-1		
16.920	16.920 (1.166)	58	1135102	50.0000	58.525	80.00- 120.00	100.00
16.920	16.920 (1.166)	43	3441559			266.86- 366.86	303.19
16.920	16.920 (1.166)	85	341022			0.00- 81.73	30.04

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
115 Toluene					CAS #: 108-88-3		
17.280	17.280 (1.190)	91	2989944	50.0000	52.266	80.00- 120.00	100.00
17.280	17.280 (1.190)	92	1887270			13.12- 113.12	63.12
116 trans-1,3-Dichloropropene					CAS #: 10061-02-6		
17.722	17.722 (0.896)	75	1447550	50.0000	55.862	80.00- 120.00	100.00
17.722	17.722 (0.896)	77	464556			0.00- 82.09	32.09
17.695	17.695 (0.895)	39	1228632			34.88- 134.88	84.88
118 1,1,2-Trichloroethane					CAS #: 79-00-5		
18.054	18.054 (0.913)	97	1103750	50.0000	54.267	80.00- 120.00	100.00
18.054	18.054 (0.913)	99	690167			12.53- 112.53	62.53
18.054	18.054 (0.913)	83	911937			32.62- 132.62	82.62
119 Tetrachloroethene					CAS #: 127-18-4		
18.220	18.220 (0.922)	166	1258512	50.0000	53.848	80.00- 120.00	100.00
18.220	18.220 (0.922)	129	986912			28.42- 128.42	78.42
18.220	18.220 (0.922)	131	939725			24.67- 124.67	74.67
120 2-Hexanone					CAS #: 591-78-6		
18.386	18.386 (0.930)	58	1508949	50.0000	53.954	80.00- 120.00	100.00
18.386	18.386 (0.930)	43	3381319			174.08- 274.08	224.08
18.386	18.386 (0.930)	100	202229			0.00- 63.33	13.40
123 Dibromochloromethane					CAS #: 124-48-1		
18.745	18.745 (0.948)	129	1884911	50.0000	58.308	80.00- 120.00	100.00
18.745	18.745 (0.948)	127	1449547			28.74- 128.74	76.90
124 1,2-Dibromoethane					CAS #: 106-93-4		
19.022	19.022 (0.962)	107	1698256	50.0000	56.586	80.00- 120.00	100.00
19.022	19.022 (0.962)	109	1583264			43.23- 143.23	93.23
126 Chlorobenzene					CAS #: 108-90-7		
19.824	19.824 (1.003)	112	2472407	50.0000	53.316	80.00- 120.00	100.00
19.824	19.824 (1.003)	114	795283			0.00- 82.17	32.17
19.824	19.824 (1.003)	77	1422232			7.52- 107.52	57.52
128 Ethyl Benzene					CAS #: 100-41-4		
19.934	19.934 (1.008)	106	1359587	50.0000	55.190	80.00- 120.00	100.00
19.934	19.934 (1.008)	91	4236994			278.01- 378.01	311.64
130 m,p-Xylene					CAS #: 108-38-3		
20.128	20.128 (1.018)	106	3327673	100.000	100.98	80.00- 120.00	100.00
20.128	20.128 (1.018)	91	6606116			160.43- 260.43	198.52
131 o-Xylene					CAS #: 95-47-6		
20.874	20.874 (1.056)	106	1692633	50.0000	53.530	80.00- 120.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
131 o-Xylene (continued)							
20.874	20.874 (1.056)	91	3487838			156.06- 256.06	206.06
132 Styrene					CAS #: 100-42-5		
20.902	20.902 (1.057)	104	2588392	50.0000	54.200	80.00- 120.00	100.00
20.902	20.902 (1.057)	78	1317970			0.92- 100.92	50.92
133 Bromoform					CAS #: 75-25-2		
21.317	21.317 (1.078)	173	1830482	50.0000	58.078	80.00- 120.00	100.00
21.317	21.317 (1.078)	171	941105			1.41- 101.41	51.41
135 Cumene					CAS #: 98-82-8		
21.483	21.483 (1.087)	105	5159656	50.0000	47.814	80.00- 120.00	100.00
21.483	21.483 (1.087)	120	1362296			0.00- 74.93	26.40
21.483	21.483 (1.087)	51	762079			0.00- 67.07	14.77
138 1,1,2,2-Tetrachloroethane					CAS #: 79-34-5		
22.091	22.091 (1.117)	83	2670605	50.0000	52.144	80.00- 120.00	100.00
22.091	22.091 (1.117)	85	1721602			14.46- 114.46	64.46
139 Propylbenzene					CAS #: 103-65-1		
22.229	22.229 (1.124)	91	6597040	50.0000	52.194	80.00- 120.00	100.00
22.229	22.229 (1.124)	120	1456577			0.00- 72.02	22.08
22.229	22.229 (1.124)	105	237918			0.00- 54.30	3.61
144 4-Ethyltoluene					CAS #: 622-96-8		
22.423	22.423 (1.134)	105	5248847	50.0000	51.739	80.00- 120.00	100.00
22.423	22.423 (1.134)	120	1596515			0.00- 80.42	30.42
146 1,3,5-Trimethylbenzene					CAS #: 108-67-8		
22.533	22.533 (1.140)	105	3978671	50.0000	51.455	80.00- 120.00	100.00
22.533	22.533 (1.140)	120	2014079			0.00- 99.69	50.62
150 1,2,4-Trimethylbenzene					CAS #: 95-63-6		
23.225	23.225 (1.175)	105	4036714	50.0000	50.825	80.00- 120.00	100.00
23.225	23.225 (1.175)	120	1913697			0.00- 97.68	47.41
156 1,3-Dichlorobenzene					CAS #: 541-73-1		
23.833	23.833 (1.206)	146	2709682	50.0000	51.091	80.00- 120.00	100.00
23.833	23.833 (1.206)	148	1720361			12.59- 112.59	63.49
23.833	23.833 (1.206)	111	1122436			0.00- 90.49	41.42
157 1,4-Dichlorobenzene					CAS #: 106-46-7		
23.999	23.999 (1.214)	146	2730382	50.0000	51.912	80.00- 120.00	100.00
23.999	23.999 (1.214)	148	1727488			15.28- 115.28	63.27
23.999	23.999 (1.214)	111	1070048			0.00- 90.12	39.19

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
159 alpha-Chlorotoluene					CAS #: 100-44-7		
24.248	24.248 (1.227)	91	4541842	50.0000	53.258	80.00- 120.00	100.00
24.248	24.248 (1.227)	126	876053			0.00- 70.00	19.29
162 1,2-Dichlorobenzene					CAS #: 95-50-1		
24.690	24.690 (1.249)	146	2498332	50.0000	49.668	80.00- 120.00	100.00
24.690	24.690 (1.249)	148	1582618			13.35- 113.35	63.35
24.690	24.690 (1.249)	111	1083740			0.00- 93.38	43.38
167 1,2,4-Trichlorobenzene					CAS #: 120-82-1		
27.759	27.759 (1.404)	180	830712	50.0000	45.929	80.00- 120.00	100.00
27.759	27.759 (1.404)	182	790430			45.15- 145.15	95.15
168 Hexachlorobutadiene					CAS #: 87-68-3		
27.953	27.953 (1.414)	225	656635	50.0000	47.778	80.00- 120.00	100.00
27.953	27.953 (1.414)	223	413787			16.53- 116.53	63.02
169 Naphthalene					CAS #: 91-20-3		
28.340	28.340 (1.434)	128	984118	25.0000	21.265	80.00- 120.00	100.00
28.340	28.340 (1.434)	127	120306			0.00- 67.34	12.22
29 Isopentane					CAS #: 78-78-4		
7.105	7.105 (0.557)	43	1895704	50.0000	51.793	80.00- 120.00	100.00
7.105	7.105 (0.557)	57	1080120			7.08- 107.08	56.98
20 Butane					CAS #: 106-97-8		
5.695	5.695 (0.447)	58	199143	50.0000	51.098	80.00- 120.00	100.00
5.695	5.695 (0.447)	43	2048544			988.87-1088.87	1028.68
102 Methyl Cyclohexane					CAS #: 108-87-2		
15.261	15.261 (1.197)	83	1505811	50.0000	55.919	80.00- 120.00	100.00
15.261	15.261 (1.197)	98	664477			0.00- 95.08	44.13
15.261	15.261 (1.197)	55	1806153			72.81- 172.81	119.95

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1012613.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: srs
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 200ppbv -> 50ppbv

Calibration Date: 26-JAN-2007
Calibration Time: 21:34
Client Smp ID: Level 5
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	304683	182810	426556	304683	0.00
96 1,4-Difluorobenze	1208906	725344	1692468	1208906	0.00
125 Chlorobenzene-d5	1081956	649174	1514738	1081956	0.00

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.75	12.42	13.08	12.75	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

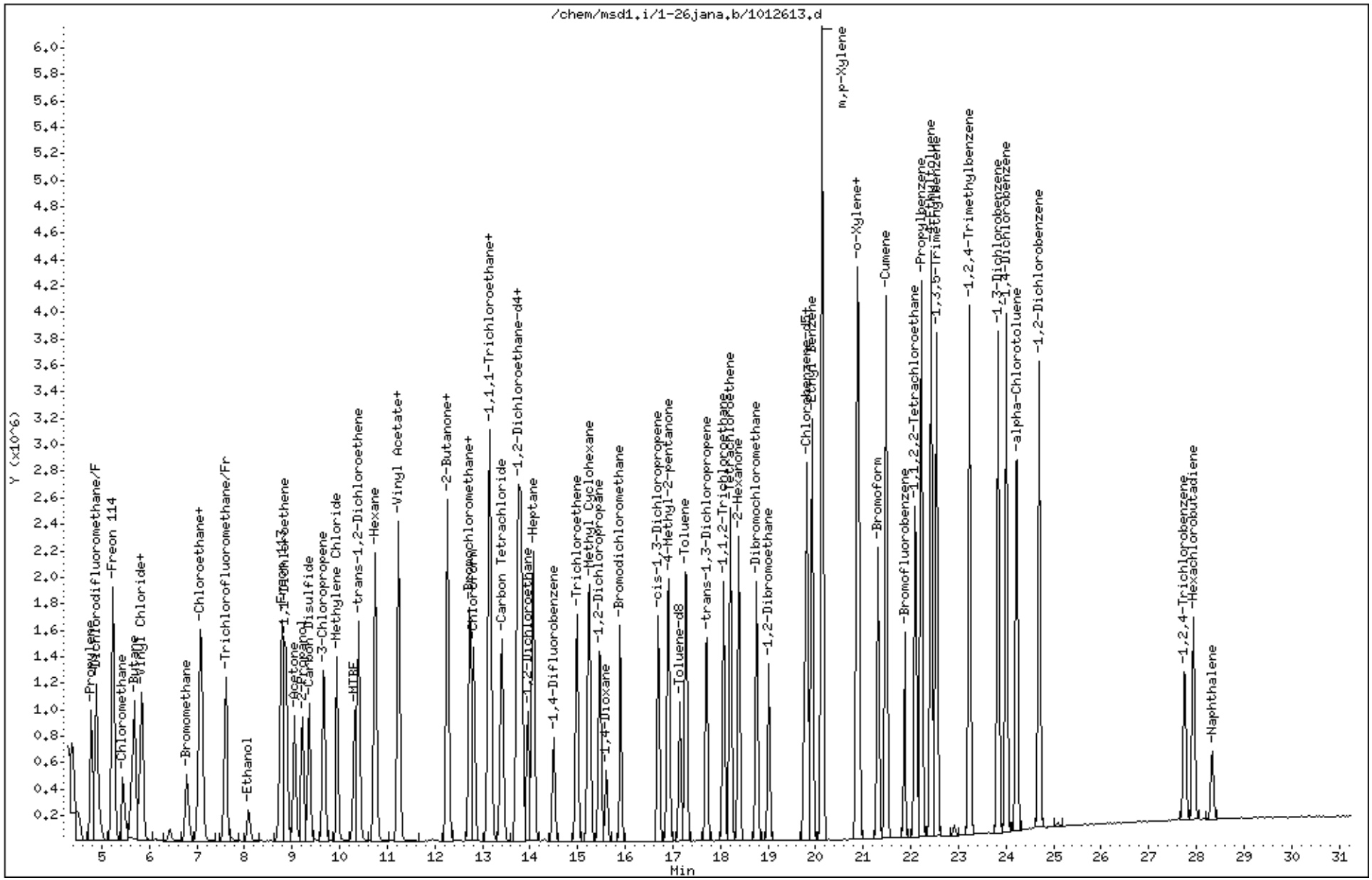
AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

0152

Data File: /chem/msd1.i/1-26jana.b/1012613.d
Date : 26-JAN-2007 21:34
Client ID: Level 5
Sample Info: 50mL #1408-364

Instrument: msd1.i
Operator: srs
Column diameter: 0.53

Column phase: RTx-624



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-26jana.b/1012614.d
Lab Smp Id: ICAL Client Smp ID: Level 6
Inj Date : 26-JAN-2007 22:11
Operator : srs Inst ID: msd1.i
Smp Info : 100mL #1408-364
Misc Info : 200ppbv -> 100ppbv
Comment :
Method : /chem/msd1.i/1-26jana.b/t14q126a.m
Meth Date : 30-Jan-2007 14:46 ctaylor Quant Type: ISTD
Cal Date : 26-JAN-2007 22:11 Cal File: 1012614.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: AT04mdl+ENSR.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane					CAS #: 74-97-5		
12.745	12.745 (1.000)	130	304801	25.0000		50.00- 150.00	100.00
12.745	12.745 (1.000)	128	235531			28.02- 128.02	77.27
12.718	12.718 (1.000)	49	1341689			259.08- 359.08	440.19
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	1183766	25.0000		50.00- 150.00	100.00
14.515	14.515 (1.000)	88	190006			0.00- 66.12	16.05
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	1066270	25.0000		50.00- 150.00	100.00
19.768	19.768 (1.000)	82	607500			6.18- 106.18	56.97
$ 90 1,2-Dichloroethane-d4					CAS #: 17060-07-0		
13.796	13.796 (1.082)	65	538693	25.0000	25.209	50.00- 150.00	100.00
13.796	13.796 (1.082)	67	322114			0.62- 100.62	59.80
$ 113 Toluene-d8					CAS #: 2037-26-5		
17.142	17.142 (1.181)	98	1172561	25.0000	25.126	50.00- 150.00	100.00
17.142	17.142 (1.181)	70	132152			0.00- 61.35	11.27

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	815710			19.43- 119.43	69.57
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	675970	25.0000	25.331	50.00- 150.00	100.00
21.870	21.870 (1.106)	95	990607			96.95- 196.95	146.55
21.870	21.870 (1.106)	176	661854			47.20- 147.20	97.91
12 Propylene					CAS #: 115-07-1		
4.782	4.782 (0.375)	41	2529001	100.000	96.509	50.00- 150.00	100.00
4.782	4.782 (0.375)	42	1798780			20.40- 120.40	71.13
4.782	4.782 (0.375)	39	1956731			28.43- 128.43	77.37
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.893	4.893 (0.384)	85	5303169	100.000	102.13	50.00- 150.00	100.00
4.893	4.893 (0.384)	87	1711250			0.00- 81.56	32.27
18 Freon 114					CAS #: 76-14-2		
5.252	5.252 (0.412)	135	3164279	100.000	100.64	50.00- 150.00	100.00
5.252	5.252 (0.412)	137	998419			0.00- 80.61	31.55
19 Chloromethane					CAS #: 74-87-3		
5.473	5.473 (0.429)	50	2636620	100.000	95.483	50.00- 150.00	100.00
5.473	5.473 (0.429)	52	798494			0.00- 83.46	30.28
22 Vinyl Chloride					CAS #: 75-01-4		
5.805	5.805 (0.455)	62	2467673	100.000	103.61	50.00- 150.00	100.00
5.805	5.805 (0.455)	64	737851			0.00- 84.58	29.90
23 1,3-Butadiene					CAS #: 106-99-0		
5.861	5.861 (0.460)	54	1869556	100.000	106.29	50.00- 150.00	100.00
5.861	5.861 (0.460)	39	2027310			73.02- 173.02	108.44
27 Bromomethane					CAS #: 74-83-9		
6.773	6.773 (0.531)	94	1765413	100.000	106.72	50.00- 150.00	100.00
6.773	6.773 (0.531)	96	1662273			44.65- 144.65	94.16
30 Chloroethane					CAS #: 75-00-3		
7.049	7.049 (0.553)	64	1224947	100.000	102.32	50.00- 150.00	100.00
7.049	7.049 (0.553)	49	484706			0.00- 87.81	39.57
7.049	7.049 (0.553)	66	365452			0.00- 78.40	29.83
32 Trichlorofluoromethane/Fr11					CAS #: 75-69-4		
7.602	7.602 (0.596)	101	5116800	100.000	106.61	50.00- 150.00	100.00
7.602	7.602 (0.596)	103	3319374			13.64- 113.64	64.87

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
39 Ethanol					CAS #: 64-17-5		
8.100	8.100 (0.636)	45	1251127	100.000	107.07	50.00- 150.00	100.00
8.100	8.100 (0.636)	43	262296			0.00- 71.11	20.96
8.100	8.100 (0.636)	46	450229			0.00- 84.12	35.99
44 Freon 113					CAS #: 76-13-1		
8.791	8.791 (0.690)	151	2822254	100.000	105.74	50.00- 150.00	100.00
8.791	8.791 (0.690)	153	1812812			15.50- 115.50	64.23
8.791	8.791 (0.690)	101	3837958			86.76- 186.76	135.99
45 1,1-Dichloroethene					CAS #: 75-35-4		
8.874	8.874 (0.696)	61	4172425	100.000	108.17	50.00- 150.00	100.00
8.874	8.874 (0.696)	96	1954275			1.71- 101.71	46.84
8.874	8.874 (0.696)	98	1241768			0.00- 78.25	29.76
46 Acetone					CAS #: 67-64-1		
9.040	9.040 (0.709)	58	1226985	100.000	104.83	50.00- 150.00	100.00
9.040	9.040 (0.709)	43	4937285			367.91- 467.91	402.39
47 2-Propanol					CAS #: 67-63-0		
9.234	9.234 (0.724)	45	5569364	100.000	106.52	50.00- 150.00	100.00
9.234	9.234 (0.724)	43	1092920			0.00- 71.57	19.62
9.234	9.234 (0.724)	59	166102			0.00- 53.29	2.98
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.735)	76	5372164	100.000	95.677	50.00- 150.00	100.00
51 3-Chloropropene					CAS #: 107-05-1		
9.676	9.676 (0.759)	76	864767	100.000	106.01	50.00- 150.00	100.00
9.649	9.649 (0.757)	41	4318362			464.51- 564.51	499.37
56 Methylene Chloride					CAS #: 75-09-2		
9.953	9.953 (0.781)	49	3922969	100.000	103.14	50.00- 150.00	100.00
9.953	9.953 (0.781)	84	1687528			0.00- 95.37	43.02
9.953	9.953 (0.781)	51	1139215			0.00- 82.62	29.04
60 MTBE					CAS #: 1634-04-4		
10.312	10.312 (0.809)	73	3774996	100.000	112.08	50.00- 150.00	100.00
10.312	10.312 (0.809)	57	1190561			0.00- 83.12	31.54
10.312	10.312 (0.809)	41	1350344			0.00- 89.80	35.77
61 trans-1,2-Dichloroethene					CAS #: 156-60-5		
10.395	10.395 (0.816)	96	1952211	100.000	106.22	50.00- 150.00	100.00
10.395	10.395 (0.816)	61	3562490			122.08- 222.08	182.48
10.395	10.395 (0.816)	98	1223120			10.41- 110.41	62.65

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
65 Hexane					CAS #: 110-54-3		
10.754	10.754 (0.844)	57	4103008	100.000	107.45	50.00- 150.00	100.00
10.754	10.754 (0.844)	43	3078551			27.06- 127.06	75.03
10.754	10.754 (0.844)	86	425647			0.00- 60.38	10.37
69 Vinyl Acetate					CAS #: 108-05-4		
11.225	11.225 (0.881)	86	422363	100.000	104.99	50.00- 150.00	100.00
11.225	11.225 (0.881)	43	8402639			1878.23-1978.23	1989.44
70 1,1-Dichloroethane					CAS #: 75-34-3		
11.225	11.225 (0.881)	63	4370632	100.000	109.07	50.00- 150.00	100.00
11.225	11.225 (0.881)	65	1303690			0.00- 80.72	29.83
75 2-Butanone					CAS #: 78-93-3		
12.275	12.275 (0.963)	72	919504	100.000	118.54	50.00- 150.00	100.00
12.275	12.275 (0.963)	43	6424379			686.92- 786.92	698.68
12.275	12.275 (0.963)	57	411898			0.00- 97.36	44.80
77 cis-1,2-Dichloroethene					CAS #: 156-59-2		
12.275	12.275 (0.963)	61	3532589	100.000	109.08	50.00- 150.00	100.00
12.275	12.275 (0.963)	96	2087017			9.60- 109.60	59.08
12.275	12.275 (0.963)	98	1328759			0.00- 86.30	37.61
79 Tetrahydrofuran					CAS #: 109-99-9		
12.718	12.718 (0.998)	42	3568530	100.000	98.263	50.00- 150.00	100.00
12.718	12.718 (0.998)	71	839025			0.00- 72.67	23.51
12.718	12.718 (0.998)	72	892553			0.00- 75.03	25.01
81 Chloroform					CAS #: 67-66-3		
12.801	12.801 (1.004)	83	3773193	100.000	109.78	50.00- 150.00	100.00
12.801	12.801 (1.004)	85	2446809			14.20- 114.20	64.85
83 1,1,1-Trichloroethane					CAS #: 71-55-6		
13.160	13.160 (1.033)	97	3978597	100.000	108.08	50.00- 150.00	100.00
13.160	13.160 (1.033)	99	2537128			10.00- 110.00	63.77
84 Cyclohexane					CAS #: 110-82-7		
13.160	13.160 (1.033)	84	2357876	100.000	106.35	50.00- 150.00	100.00
13.160	13.160 (1.033)	56	4063008			118.94- 218.94	172.32
13.160	13.160 (1.033)	41	2599488			67.13- 167.13	110.25
86 Carbon Tetrachloride					CAS #: 56-23-5		
13.409	13.409 (1.052)	119	3862327	100.000	110.84	50.00- 150.00	100.00
13.409	13.409 (1.052)	117	4030814			50.79- 150.79	104.36
91 Benzene					CAS #: 71-43-2		
13.824	13.824 (0.952)	78	5187226	100.000	104.06	50.00- 150.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
91 Benzene (continued)							
13.824	13.824 (0.952)	77	1111619			0.00- 73.17	21.43
89 2,2,4-Trimethylpentane					CAS #: 540-84-1		
13.768	13.768 (1.080)	57	12451727	100.000	109.50	50.00- 150.00	100.00
13.768	13.768 (1.080)	56	4231963			0.00- 85.19	33.99
13.768	13.768 (1.080)	41	3802862			0.00- 84.57	30.54
93 1,2-Dichloroethane					CAS #: 107-06-2		
13.962	13.962 (0.962)	62	3195572	100.000	107.88	50.00- 150.00	100.00
13.962	13.962 (0.962)	64	966055			0.00- 84.01	30.23
94 Heptane					CAS #: 142-82-5		
14.072	14.072 (0.970)	71	1607984	100.000	106.88	50.00- 150.00	100.00
14.072	14.072 (0.970)	43	4920805			258.41- 358.41	306.02
14.072	14.072 (0.970)	57	2191647			87.56- 187.56	136.30
100 Trichloroethene					CAS #: 79-01-6		
14.985	14.985 (1.032)	95	2148201	100.000	106.79	50.00- 150.00	100.00
14.985	14.985 (1.032)	130	2058594			45.44- 145.44	95.83
14.985	14.985 (1.032)	97	1394709			15.24- 115.24	64.92
104 1,2-Dichloropropane					CAS #: 78-87-5		
15.455	15.455 (1.065)	63	2167733	100.000	105.14	50.00- 150.00	100.00
15.455	15.455 (1.065)	62	1627490			22.51- 122.51	75.08
15.455	15.455 (1.065)	41	1769733			38.81- 138.81	81.64
106 1,4-Dioxane					CAS #: 123-91-1		
15.593	15.593 (1.074)	88	1231653	100.000	105.63	50.00- 150.00	100.00
15.593	15.593 (1.074)	58	1071782			38.27- 138.27	87.02
15.593	15.593 (1.074)	57	385792			0.00- 82.05	31.32
108 Bromodichloromethane					CAS #: 75-27-4		
15.897	15.897 (1.095)	83	3648896	100.000	112.13	50.00- 150.00	100.00
15.897	15.897 (1.095)	85	2344542			14.33- 114.33	64.25
111 cis-1,3-Dichloropropene					CAS #: 10061-01-5		
16.699	16.699 (1.150)	75	2941075	100.000	109.81	50.00- 150.00	100.00
16.699	16.699 (1.150)	77	934900			0.00- 81.90	31.79
16.699	16.699 (1.150)	39	2659789			44.47- 144.47	90.44
112 4-Methyl-2-pentanone					CAS #: 108-10-1		
16.920	16.920 (1.166)	58	2226297	100.000	117.22	50.00- 150.00	100.00
16.920	16.920 (1.166)	43	6805337			266.86- 366.86	305.68
16.920	16.920 (1.166)	85	683498			0.00- 81.73	30.70

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
115 Toluene					CAS #: 108-88-3		
17.280	17.280 (1.190)	91	5844754	100.000	104.34	50.00- 150.00	100.00
17.280	17.280 (1.190)	92	3672390			11.01- 111.01	62.83
116 trans-1,3-Dichloropropene					CAS #: 10061-02-6		
17.722	17.722 (0.896)	75	2851724	100.000	111.67	50.00- 150.00	100.00
17.722	17.722 (0.896)	77	905556			0.00- 83.01	31.75
17.694	17.694 (0.895)	39	2443371			46.26- 146.26	85.68
118 1,1,2-Trichloroethane					CAS #: 79-00-5		
18.054	18.054 (0.913)	97	2144556	100.000	106.99	50.00- 150.00	100.00
18.054	18.054 (0.913)	99	1327092			13.51- 113.51	61.88
18.054	18.054 (0.913)	83	1766395			30.15- 130.15	82.37
119 Tetrachloroethene					CAS #: 127-18-4		
18.220	18.220 (0.922)	166	2417942	100.000	104.98	50.00- 150.00	100.00
18.220	18.220 (0.922)	129	1897079			27.01- 127.01	78.46
18.220	18.220 (0.922)	131	1813195			22.81- 122.81	74.99
120 2-Hexanone					CAS #: 591-78-6		
18.386	18.386 (0.930)	58	3048657	100.000	110.61	50.00- 150.00	100.00
18.386	18.386 (0.930)	43	6777290			174.47- 274.47	222.30
18.386	18.386 (0.930)	100	393533			0.00- 63.33	12.91
123 Dibromochloromethane					CAS #: 124-48-1		
18.745	18.745 (0.948)	129	3636693	100.000	114.15	50.00- 150.00	100.00
18.745	18.745 (0.948)	127	2845014			28.74- 128.74	78.23
124 1,2-Dibromoethane					CAS #: 106-93-4		
19.022	19.022 (0.962)	107	3321291	100.000	112.29	50.00- 150.00	100.00
19.022	19.022 (0.962)	109	3093467			46.70- 146.70	93.14
126 Chlorobenzene					CAS #: 108-90-7		
19.823	19.823 (1.003)	112	4852042	100.000	106.17	50.00- 150.00	100.00
19.823	19.823 (1.003)	114	1547778			0.00- 81.87	31.90
19.823	19.823 (1.003)	77	2770498			19.98- 119.98	57.10
128 Ethyl Benzene					CAS #: 100-41-4		
19.934	19.934 (1.008)	106	2589120	100.000	106.65	50.00- 150.00	100.00
19.934	19.934 (1.008)	91	8285873			278.01- 378.01	320.03
130 m,p-Xylene					CAS #: 108-38-3		
20.128	20.128 (1.018)	106	6423215	200.000	197.79	50.00- 150.00	100.00
20.128	20.128 (1.018)	91	12726429			160.43- 260.43	198.13
131 o-Xylene					CAS #: 95-47-6		
20.874	20.874 (1.056)	106	3282879	100.000	105.35	50.00- 150.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
131 o-Xylene (continued)							
20.874	20.874 (1.056)	91	6808588			154.94- 254.94	207.40
132 Styrene					CAS #: 100-42-5		
20.902	20.902 (1.057)	104	5238983	100.000	111.32	50.00- 150.00	100.00
20.902	20.902 (1.057)	78	2596346			6.83- 106.83	49.56
133 Bromoform					CAS #: 75-25-2		
21.317	21.317 (1.078)	173	3630260	100.000	116.88	50.00- 150.00	100.00
21.317	21.317 (1.078)	171	1873608			2.03- 102.03	51.61
135 Cumene					CAS #: 98-82-8		
21.482	21.482 (1.087)	105	10203460	100.000	95.944	50.00- 150.00	100.00
21.482	21.482 (1.087)	120	2662867			0.00- 74.93	26.10
21.482	21.482 (1.087)	51	1497272			0.00- 67.07	14.67
138 1,1,2,2-Tetrachloroethane					CAS #: 79-34-5		
22.091	22.091 (1.117)	83	5337543	100.000	105.75	50.00- 150.00	100.00
22.091	22.091 (1.117)	85	3393053			13.14- 113.14	63.57
139 Propylbenzene					CAS #: 103-65-1		
22.229	22.229 (1.124)	91	13276050	100.000	106.58	50.00- 150.00	100.00
22.229	22.229 (1.124)	120	2897932			0.00- 72.02	21.83
22.229	22.229 (1.124)	105	467555			0.00- 54.30	3.52
144 4-Ethyltoluene					CAS #: 622-96-8		
22.423	22.423 (1.134)	105	10579567	100.000	105.82	50.00- 150.00	100.00
22.423	22.423 (1.134)	120	3221835			0.00- 80.37	30.45
146 1,3,5-Trimethylbenzene					CAS #: 108-67-8		
22.533	22.533 (1.140)	105	8042528	100.000	105.54	50.00- 150.00	100.00
22.533	22.533 (1.140)	120	4047870			0.00- 99.69	50.33
150 1,2,4-Trimethylbenzene					CAS #: 95-63-6		
23.224	23.224 (1.175)	105	8178013	100.000	104.48	50.00- 150.00	100.00
23.224	23.224 (1.175)	120	3873336			0.00- 97.68	47.36
156 1,3-Dichlorobenzene					CAS #: 541-73-1		
23.833	23.833 (1.206)	146	5557956	100.000	106.34	50.00- 150.00	100.00
23.833	23.833 (1.206)	148	3504262			12.59- 112.59	63.05
23.833	23.833 (1.206)	111	2279300			0.00- 90.49	41.01
157 1,4-Dichlorobenzene					CAS #: 106-46-7		
23.999	23.999 (1.214)	146	5598481	100.000	108.01	50.00- 150.00	100.00
23.999	23.999 (1.214)	148	3540905			15.28- 115.28	63.25
23.999	23.999 (1.214)	111	2215572			0.00- 90.12	39.57

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
159 alpha-Chlorotoluene					CAS #: 100-44-7		
24.247	24.247 (1.227)	91	9330368	100.000	111.02	50.00- 150.00	100.00
24.247	24.247 (1.227)	126	1813608			0.00- 70.00	19.44
162 1,2-Dichlorobenzene					CAS #: 95-50-1		
24.690	24.690 (1.249)	146	5170314	100.000	104.30	50.00- 150.00	100.00
24.690	24.690 (1.249)	148	3252304			14.21- 114.21	62.90
24.690	24.690 (1.249)	111	2175123			0.00- 92.31	42.07
167 1,2,4-Trichlorobenzene					CAS #: 120-82-1		
27.759	27.759 (1.404)	180	1818194	100.000	102.00	50.00- 150.00	100.00
27.759	27.759 (1.404)	182	1704108			42.29- 142.29	93.73
168 Hexachlorobutadiene					CAS #: 87-68-3		
27.952	27.952 (1.414)	225	1395580	100.000	103.04	50.00- 150.00	100.00
27.952	27.952 (1.414)	223	887489			16.53- 116.53	63.59
169 Naphthalene					CAS #: 91-20-3		
28.340	28.340 (1.434)	128	2234744	50.0000	49.000	50.00- 150.00	100.00
28.340	28.340 (1.434)	127	279156			0.00- 67.34	12.49
29 Isopentane					CAS #: 78-78-4		
7.105	7.105 (0.557)	43	3692152	100.000	100.83	50.00- 150.00	100.00
7.105	7.105 (0.557)	57	2124142			7.08- 107.08	57.53
20 Butane					CAS #: 106-97-8		
5.695	5.695 (0.447)	58	379534	100.000	97.347	50.00- 150.00	100.00
5.695	5.695 (0.447)	43	3972447			988.87-1088.87	1046.66
102 Methyl Cyclohexane					CAS #: 108-87-2		
15.261	15.261 (1.197)	83	2934180	100.000	108.92	50.00- 150.00	100.00
15.261	15.261 (1.197)	98	1308113			0.00- 95.08	44.58
15.261	15.261 (1.197)	55	3580724			72.81- 172.81	122.03

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1012614.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: srs
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 200ppbv -> 100ppbv

Calibration Date: 26-JAN-2007
Calibration Time: 21:34
Client Smp ID: Level 6
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	304683	182810	426556	304801	0.04
96 1,4-Difluorobenze	1208906	725344	1692468	1183766	-2.08
125 Chlorobenzene-d5	1081956	649174	1514738	1066270	-1.45

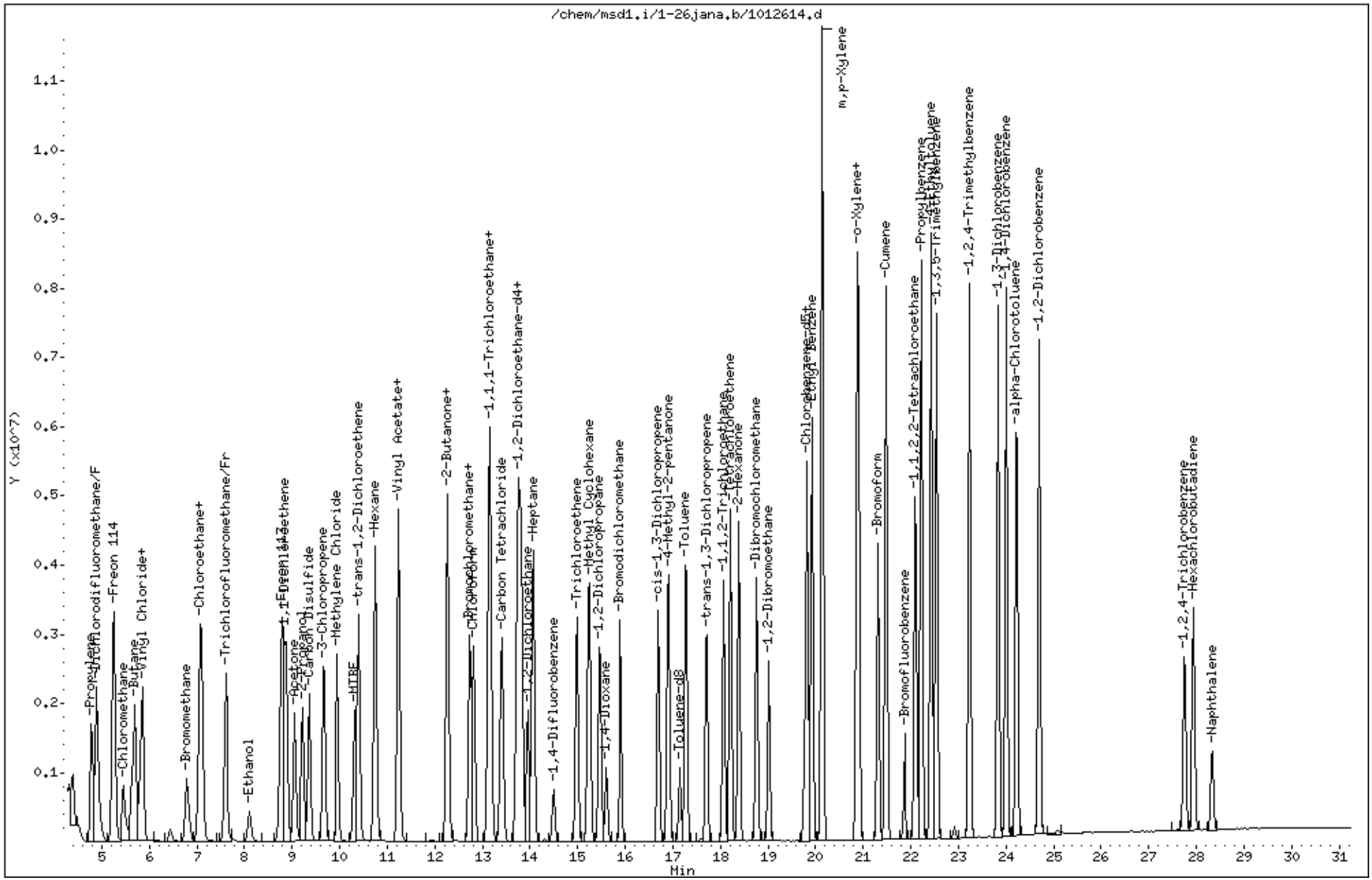
		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.75	12.42	13.08	12.75	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Data File: /chem/msd1.i/1-26jana.b/1012614.d
Date : 26-JAN-2007 22:11
Client ID: Level 6
Sample Info: 100mL #1408-364

Instrument: msd1.i
Operator: srs
Column diameter: 0.53

Column phase: RTx-624



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-08mar.b/1030804.d
Lab Smp Id: ICAL Client Smp ID: Level 7
Inj Date : 08-MAR-2007 10:58
Operator : sjr Inst ID: msd1.i
Smp Info : 200mL #1290-54
Misc Info : 200ppbv-200ppbv
Comment :
Method : /chem/msd1.i/1-08mar.b/t14q126d.m
Meth Date : 08-Mar-2007 11:29 sruth Quant Type: ISTD
Cal Date : 08-MAR-2007 10:58 Cal File: 1030804.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: sp1d.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.718 (1.000)	130	252902	25.0000		50.00- 150.00	100.00
12.718	12.718 (1.000)	128	194390			27.22- 127.22	76.86
12.718	12.718 (1.000)	49	752361			249.35- 349.35	297.49
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	966676	25.0000		50.00- 150.00	100.00
14.515	14.515 (1.000)	88	155489			0.00- 66.15	16.08
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	866421	25.0000		50.00- 150.00	100.00
19.768	19.768 (1.000)	82	501523			6.85- 106.85	57.88
54 Cyclopentene					CAS #: 142-29-0		
9.732	9.732 (0.765)	67	6885982	200.000	211.52	50.00- 150.00	100.00(A)
9.732	9.732 (0.765)	68	2668023			0.00- 88.85	38.75
9.732	9.732 (0.765)	53	2198405			0.00- 81.21	31.93

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1030804.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: sjr
Method File: /chem/msd1.i/1-08mar.b/t14q126d.m
Misc Info: 200ppbv-200ppbv

Calibration Date: 08-MAR-2007
Calibration Time: 10:11
Client Smp ID: Level 7
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	255558	153335	357781	252902	-1.04
96 1,4-Difluorobenze	999525	599715	1399335	966676	-3.29
125 Chlorobenzene-d5	904091	542455	1265727	866421	-4.17

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Data File: /chem/msd1.i/1-08mar.b/1030804.d

Date : 08-MAR-2007 10:58

Client ID: Level 7

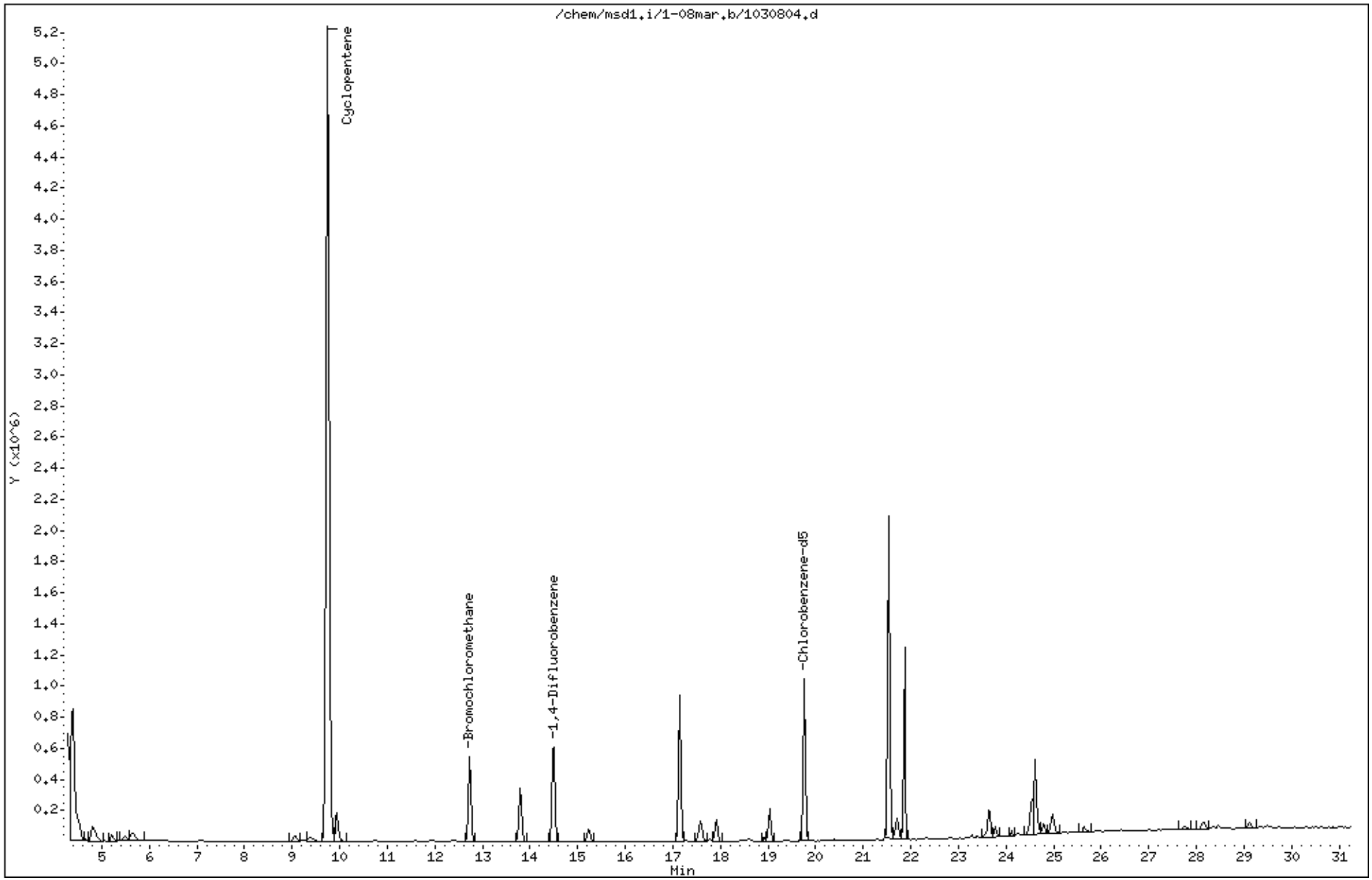
Sample Info: 200mL #1443-8

Column phase: RTx-624

Instrument: msd1.i

Operator: sjr

Column diameter: 0.53



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-21feb.b/1022109.d
Lab Smp Id: ICAL Client Smp ID: level 7
Inj Date : 21-FEB-2007 19:05
Operator : dm Inst ID: msd1.i
Smp Info : 200mL #1408-378
Misc Info : 200ppbv-200ppbv
Comment :
Method : /chem/msd1.i/1-21feb.b/t14q126c.m
Meth Date : 21-Feb-2007 20:26 ctaylor Quant Type: ISTD
Cal Date : 21-FEB-2007 19:05 Cal File: 1022109.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: sp1c.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.718 (1.000)	130	223809	25.0000		50.00- 150.00	100.00
12.718	12.718 (1.000)	128	166238			27.78- 127.78	74.28
12.718	12.718 (1.000)	49	640209			249.52- 349.52	286.05
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	871896	25.0000		50.00- 150.00	100.00
14.515	14.515 (1.000)	88	144425			0.00- 66.29	16.56
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	777136	25.0000		50.00- 150.00	100.00
19.768	19.768 (1.000)	82	443663			6.95- 106.95	57.09
203 Propane					CAS #: 74-98-6		
4.810	4.810 (0.378)	43	1859405	200.000	193.68	50.00- 150.00	100.00
4.810	4.810 (0.378)	45	56748			0.00- 83.41	3.05
4.810	4.810 (0.378)	41	1004923			3.62- 103.62	54.05

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1022109.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: dm
Method File: /chem/msd1.i/1-21feb.b/t14q126c.m
Misc Info: 200ppbv-200ppbv

Calibration Date: 21-FEB-2007
Calibration Time: 17:34
Client Smp ID: level 7
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	219817	131890	307744	223809	1.82
96 1,4-Difluorobenze	894349	536609	1252089	871896	-2.51
125 Chlorobenzene-d5	775099	465059	1085139	777136	0.26

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

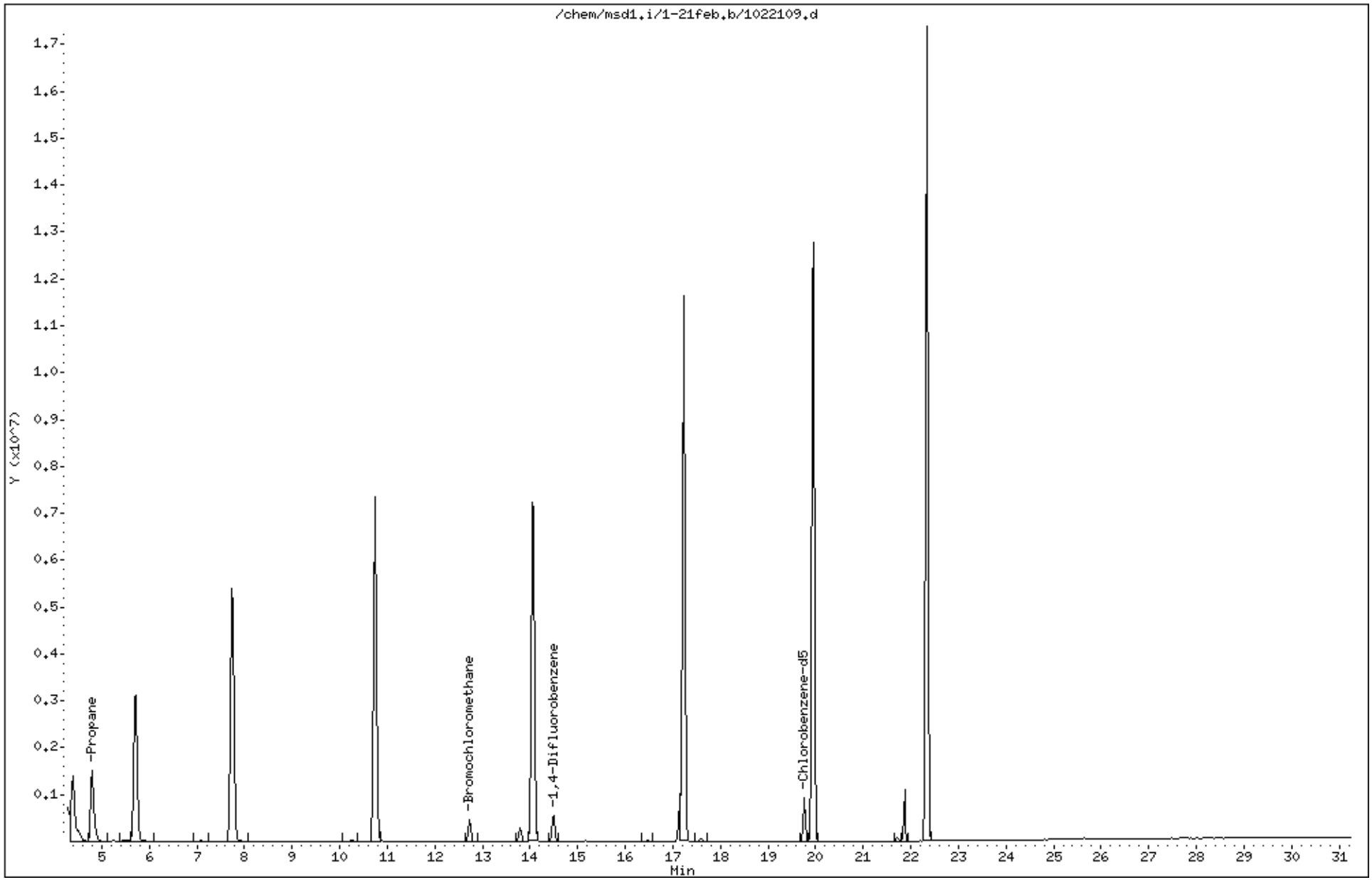
0169

Data File: /chem/msd1.i/1-21feb.b/1022109.d
Date : 21-FEB-2007 19:05
Client ID: level 7
Sample Info: 200mL #1408-378

Column phase: RTx-624

Instrument: msd1.i

Operator: dm
Column diameter: 0.53



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-31jan.b/1013107.d
Lab Smp Id: ICAL Client Smp ID: Level 7
Inj Date : 31-JAN-2007 15:04
Operator : dm Inst ID: msd1.i
Smp Info : 200mL #1408-369
Misc Info : 200ppbv/1200ppbv-200ppbv/1200ppbv
Comment :
Method : /chem/msd1.i/1-31jan.b/t14q126b.m
Meth Date : 31-Jan-2007 19:00 ctaylor Quant Type: ISTD
Cal Date : 31-JAN-2007 15:04 Cal File: 1013107.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: sp22b.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane						CAS #: 74-97-5	
12.730	12.730 (1.000)	130	281783	25.0000		50.00- 150.00	100.00
12.730	12.730 (1.000)	128	220625			27.87- 127.87	78.30
12.730	12.730 (1.000)	49	761507			239.03- 339.03	270.25
* 96 1,4-Difluorobenzene						CAS #: 540-36-3	
14.500	14.500 (1.000)	114	1088581	25.0000		50.00- 150.00	100.00
14.500	14.500 (1.000)	88	172157			0.00- 66.10	15.81
* 125 Chlorobenzene-d5						CAS #: 3114-55-4	
19.781	19.781 (1.000)	117	976689	25.0000		50.00- 150.00	100.00
19.781	19.781 (1.000)	82	560897			6.18- 106.18	57.43
97 2-Heptanone						CAS #: 110-43-0	
21.025	21.025 (1.652)	58	13209585	200.000	259.00	50.00- 150.00	100.00(A)
21.025	21.025 (1.652)	43	25762559			138.74- 238.74	195.03
143 Diisobutyl Ketone						CAS #: 108-83-8	
22.712	22.712 (1.148)	57	24523409	200.000	250.38	50.00- 150.00	100.00(A)
22.712	22.712 (1.148)	85	14159468			8.78- 108.78	57.74

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
143 Diisobutyl Ketone (continued)							
0.000	1.000 (0.000)	0	0			0.00- 50.00	0.00
88 Isobutanol					CAS #: 78-83-1		
13.477	13.477 (0.929)	43	6265770	200.000	253.88	50.00- 150.00	100.00(A)
13.477	13.477 (0.929)	41	4561189			23.38- 123.38	72.80
0.000	1.000 (0.000)	0	0			0.00- 50.00	0.00
98 1-Butanol					CAS #: 71-36-3		
14.666	14.666 (1.011)	56	4989492	200.000	273.23	50.00- 150.00	100.00(A)
14.666	14.666 (1.011)	41	4194920			38.85- 138.85	84.08
14.666	14.666 (1.011)	43	3244836			15.20- 115.20	65.03
26 Methanol					CAS #: 67-56-1		
6.425	6.425 (0.505)	31	14531686	1200.00	951.44	50.00- 150.00	100.00
6.425	6.425 (0.505)	32	10350437			23.66- 123.66	71.23
66 1-Propanol					CAS #: 71-23-8		
11.265	11.265 (0.885)	42	1588333	200.000	257.30	50.00- 150.00	100.00(A)
11.265	11.265 (0.885)	59	1367492			39.82- 139.82	86.10
11.265	11.265 (0.885)	41	1040401			36.80- 136.80	65.50
57 tert-Butyl-Alcohol					CAS #: 75-65-0		
10.021	10.021 (0.787)	59	4444959	200.000	189.76	50.00- 150.00	100.00
9.993	9.993 (0.785)	41	1101092			0.00- 78.89	24.77
10.021	10.021 (0.787)	57	472698			0.00- 62.36	10.63
72 t-Butylethyl Ether					CAS #: 637-92-3		
11.790	11.790 (0.926)	59	14433386	200.000	245.46	50.00- 150.00	100.00(A)
11.790	11.790 (0.926)	87	4174220			0.00- 79.85	28.92
11.790	11.790 (0.926)	41	3058552			0.00- 74.29	21.19
92 tert-amyl-Methyl Ether					CAS #: 994-05-8		
13.892	13.892 (1.091)	73	8811990	200.000	235.38	50.00- 150.00	100.00(A)
13.892	13.892 (1.091)	87	2075579			0.00- 73.16	23.55
13.892	13.892 (1.091)	55	3082329			0.00- 87.31	34.98
68 Isopropyl ether					CAS #: 108-20-3		
11.127	11.127 (0.874)	45	22835081	200.000	223.21	50.00- 150.00	100.00(A)
11.154	11.154 (0.876)	87	3141671			0.00- 64.11	13.76
11.127	11.127 (0.874)	59	1890909			0.00- 58.25	8.28
74 Ethyl Acetate					CAS #: 141-78-6		
12.260	12.260 (0.963)	45	2298917	200.000	229.80	50.00- 150.00	100.00(A)
12.260	12.260 (0.963)	61	1658643			21.17- 121.17	72.15
12.260	12.260 (0.963)	43	16537961			664.57- 764.57	719.38

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
122 Butyl Acetate					CAS #: 123-86-4		
18.509	18.509 (1.276)	56	7056108	200.000	237.65	50.00- 150.00	100.00(A)
18.509	18.509 (1.276)	73	1428309			0.00- 73.20	20.24
18.509	18.509 (1.276)	43	20747938			233.74- 333.74	294.04
136 Cyclohexanone					CAS #: 108-94-1		
21.799	21.799 (1.102)	55	11078602	200.000	259.60	50.00- 150.00	100.00(A)
21.827	21.827 (1.103)	98	3393572			0.00- 80.95	30.63
21.799	21.799 (1.102)	42	9022527			32.54- 132.54	81.44
5 Freon 143a					CAS #: 420-46-2		
4.510	4.510 (0.354)	69	8254527	200.000	220.24	50.00- 150.00	100.00(A)
4.510	4.510 (0.354)	65	2619719			0.00- 81.05	31.74
4.510	4.510 (0.354)	64	741279			0.00- 60.72	8.98
6 Freon142b					CAS #: 75-68-3		
5.355	5.355 (0.421)	65	8687399	200.000	212.80	50.00- 150.00	100.00
5.355	5.355 (0.421)	45	2995911			0.00- 85.46	34.49
5.355	5.355 (0.421)	85	978460			0.00- 61.23	11.26
8 Freon 134a					CAS #: 811-97-2		
4.651	4.651 (0.365)	83	3577173	200.000	213.04	50.00- 150.00	100.00(A)
4.651	4.651 (0.365)	69	4563694			67.80- 167.80	127.58
4.651	4.651 (0.365)	63	447858			0.00- 63.77	12.52
13 Freon 152a					CAS #: 75-37-6		
4.820	4.820 (0.379)	65	2786714	200.000	198.84	50.00- 150.00	100.00
4.820	4.820 (0.379)	51	7967677			229.86- 329.86	285.92
4.820	4.820 (0.379)	47	1808485			12.50- 112.50	64.90
16 Freon 22					CAS #: 75-45-6		
4.960	4.960 (0.390)	51	11651332	200.000	215.11	50.00- 150.00	100.00(A)
4.960	4.960 (0.390)	67	1051883			0.00- 59.45	9.03
4.960	4.960 (0.390)	85	105425			0.00- 53.53	0.90
33 Dichlorofluoromethane/Fr21					CAS #: 75-43-4		
7.579	7.579 (0.595)	67	7072014	200.000	215.49	50.00- 150.00	100.00(A)
7.579	7.579 (0.595)	69	2047082			0.00- 78.40	28.95
7.579	7.579 (0.595)	35	695401			0.00- 60.34	9.83
41 Freon123a					CAS #: 354-23-4		
8.389	8.389 (0.659)	67	4163358	200.000	212.85	50.00- 150.00	100.00(A)
8.389	8.389 (0.659)	117	2732485			13.21- 113.21	65.63
42 Freon123					CAS #: 306-83-2		
8.555	8.555 (0.672)	83	2308639	200.000	219.72	50.00- 150.00	100.00(A)

					AMOUNTS			
					CAL-AMT	ON-COL		
RT	EXP RT	(REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	======	========	====	========	=======	=======	============	=====
42 Freon123 (continued)								
8.555	8.555	(0.672)	133	434803			0.00- 72.11	18.83
8.555	8.555	(0.672)	85	1546789			17.70- 117.70	67.00

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 31-Jan-2007 19:00

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1013107.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: dm
Method File: /chem/msd1.i/1-31jan.b/t14q126b.m
Misc Info: 200ppbv/1200ppbv-200ppbv/1200ppbv

Calibration Date: 31-JAN-2007
Calibration Time: 14:14
Client Smp ID: Level 7
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	298832	179299	418365	281783	-5.71
96 1,4-Difluorobenze	1146350	687810	1604890	1088581	-5.04
125 Chlorobenzene-d5	1026572	615943	1437201	976689	-4.86

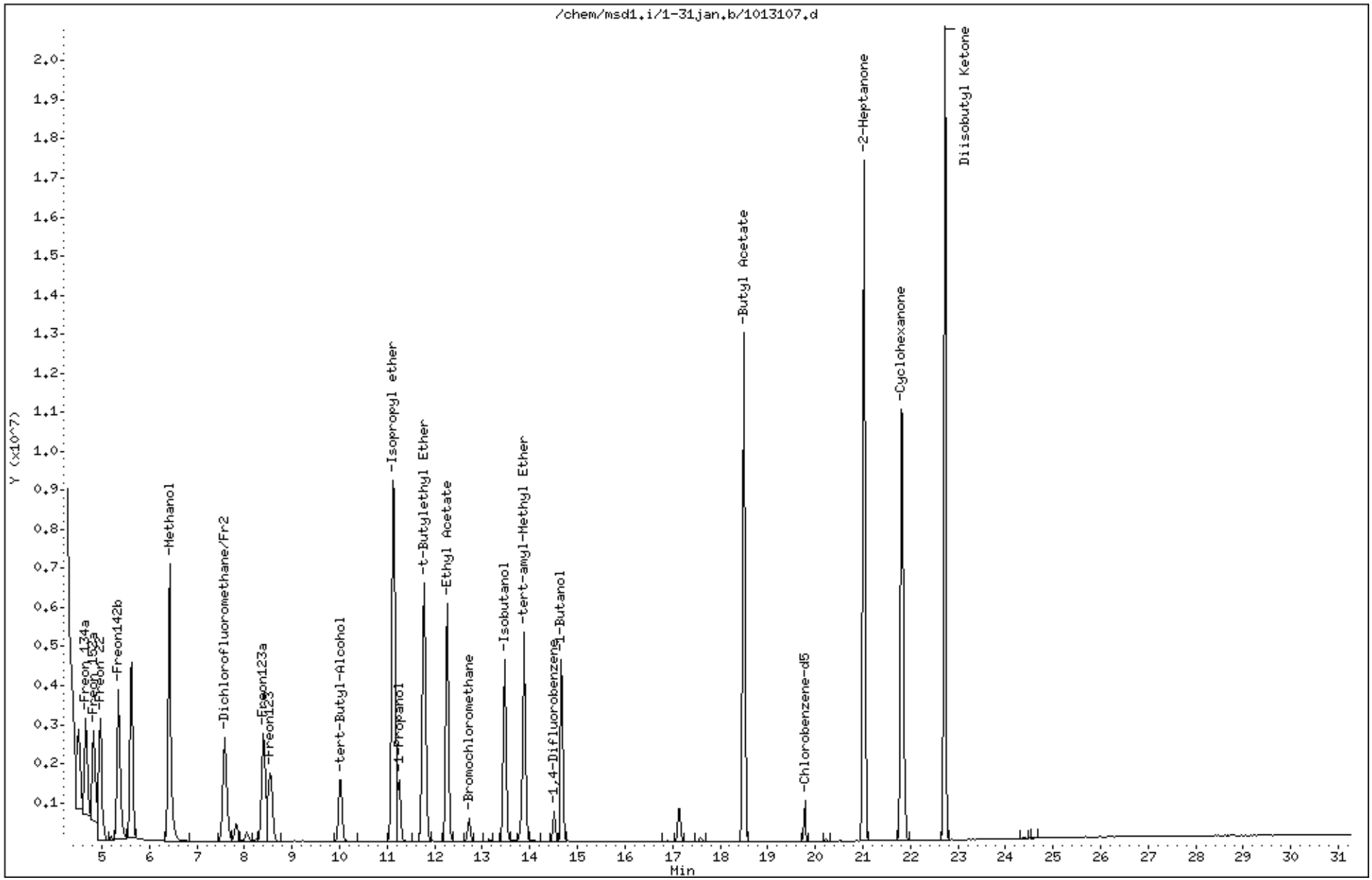
		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.73	12.40	13.06	12.73	0.00
96 1,4-Difluorobenze	14.50	14.17	14.83	14.50	0.00
125 Chlorobenzene-d5	19.78	19.45	20.11	19.78	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Data File: /chem/msd1.i/1-31jan.b/1013107.d
Date : 31-JAN-2007 15:04
Client ID: Level 7
Sample Info: 200mL #1408-369

Instrument: msd1.i
Operator: dm
Column diameter: 0.53

Column phase: RTx-624



Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-26jana.b/1012615.d
Lab Smp Id: ICAL Client Smp ID: Level 7
Inj Date : 26-JAN-2007 23:23
Operator : srs Inst ID: msd1.i
Smp Info : 200mL #1408-364
Misc Info : 200ppbv -> 200ppbv
Comment :
Method : /chem/msd1.i/1-26jana.b/t14q126a.m
Meth Date : 30-Jan-2007 14:46 ctaylor Quant Type: ISTD
Cal Date : 26-JAN-2007 23:23 Cal File: 1012615.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: AT04mdl+ENSR.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE		RATIO
==	====== ========	====	========	=======	=======	==========		=====
* 80 Bromochloromethane					CAS #: 74-97-5			
12.718	12.718 (1.000)	130	303505	25.0000		50.00- 150.00		100.00
12.718	12.718 (1.000)	128	236233			28.02- 128.02		77.83
12.718	12.718 (1.000)	49	787880			259.08- 359.08		259.59
* 96 1,4-Difluorobenzene					CAS #: 540-36-3			
14.515	14.515 (1.000)	114	1182238	25.0000		50.00- 150.00		100.00
14.515	14.515 (1.000)	88	185212			0.00- 66.12		15.67
* 125 Chlorobenzene-d5					CAS #: 3114-55-4			
19.768	19.768 (1.000)	117	1041712	25.0000		50.00- 150.00		100.00
19.768	19.768 (1.000)	82	592710			6.18- 106.18		56.90
$ 90 1,2-Dichloroethane-d4					CAS #: 17060-07-0			
13.796	13.796 (1.085)	65	548002	25.0000	25.754	50.00- 150.00		100.00
13.796	13.796 (1.085)	67	385111			0.62- 100.62		70.28
$ 113 Toluene-d8					CAS #: 2037-26-5			
17.142	17.142 (1.181)	98	1161799	25.0000	24.927	50.00- 150.00		100.00
17.142	17.142 (1.181)	70	131115			0.00- 61.35		11.29

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	803556			19.43- 119.43	69.16
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	681955	25.0000	26.158	50.00- 150.00	100.00
21.870	21.870 (1.106)	95	1002072			96.95- 196.95	146.94
21.870	21.870 (1.106)	176	642933			47.20- 147.20	94.28
12 Propylene					CAS #: 115-07-1		
4.810	4.810 (0.378)	41	5405818	200.000	207.17	50.00- 150.00	100.00(A)
4.810	4.810 (0.378)	42	3817660			20.40- 120.40	70.62
4.810	4.810 (0.378)	39	4123622			28.43- 128.43	76.28
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.893	4.893 (0.385)	85	10829485	200.000	209.45	50.00- 150.00	100.00(A)
4.893	4.893 (0.385)	87	3468769			0.00- 81.56	32.03
18 Freon 114					CAS #: 76-14-2		
5.252	5.252 (0.413)	135	6448543	200.000	205.98	50.00- 150.00	100.00(A)
5.252	5.252 (0.413)	137	2037877			0.00- 80.61	31.60
19 Chloromethane					CAS #: 74-87-3		
5.474	5.474 (0.430)	50	5470713	200.000	198.96	50.00- 150.00	100.00
5.474	5.474 (0.430)	52	1648632			0.00- 83.46	30.14
22 Vinyl Chloride					CAS #: 75-01-4		
5.805	5.805 (0.456)	62	5098928	200.000	215.00	50.00- 150.00	100.00(A)
5.805	5.805 (0.456)	64	1532483			0.00- 84.58	30.06
23 1,3-Butadiene					CAS #: 106-99-0		
5.861	5.861 (0.461)	54	3974616	200.000	226.93	50.00- 150.00	100.00(A)
5.861	5.861 (0.461)	39	4283006			73.02- 173.02	107.76
27 Bromomethane					CAS #: 74-83-9		
6.773	6.773 (0.533)	94	3742863	200.000	227.23	50.00- 150.00	100.00(A)
6.773	6.773 (0.533)	96	3523978			44.65- 144.65	94.15
30 Chloroethane					CAS #: 75-00-3		
7.050	7.050 (0.554)	64	2581732	200.000	216.57	50.00- 150.00	100.00(A)
7.050	7.050 (0.554)	49	1024802			0.00- 87.81	39.69
7.050	7.050 (0.554)	66	770758			0.00- 78.40	29.85
32 Trichlorofluoromethane/Fr11					CAS #: 75-69-4		
7.603	7.603 (0.598)	101	10557115	200.000	220.90	50.00- 150.00	100.00(A)
7.603	7.603 (0.598)	103	6824175			13.64- 113.64	64.64

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
39 Ethanol					CAS #: 64-17-5		
8.100	8.100 (0.637)	45	2721461	200.000	233.89	50.00- 150.00	100.00(A)
8.100	8.100 (0.637)	43	570696			0.00- 71.11	20.97
8.100	8.100 (0.637)	46	1005524			0.00- 84.12	36.95
44 Freon 113					CAS #: 76-13-1		
8.792	8.792 (0.691)	151	5805715	200.000	218.44	50.00- 150.00	100.00(A)
8.792	8.792 (0.691)	153	3695427			15.50- 115.50	63.65
8.792	8.792 (0.691)	101	7849663			86.76- 186.76	135.21
45 1,1-Dichloroethene					CAS #: 75-35-4		
8.874	8.874 (0.698)	61	8657234	200.000	225.39	50.00- 150.00	100.00(A)
8.874	8.874 (0.698)	96	4070016			1.71- 101.71	47.01
8.874	8.874 (0.698)	98	2598924			0.00- 78.25	30.02
46 Acetone					CAS #: 67-64-1		
9.040	9.040 (0.711)	58	2574982	200.000	220.94	50.00- 150.00	100.00(A)
9.040	9.040 (0.711)	43	10464879			367.91- 467.91	406.41
47 2-Propanol					CAS #: 67-63-0		
9.234	9.234 (0.726)	45	11759008	200.000	225.86	50.00- 150.00	100.00(A)
9.234	9.234 (0.726)	43	2297081			0.00- 71.57	19.53
9.234	9.234 (0.726)	59	356122			0.00- 53.29	3.03
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.737)	76	11336508	200.000	202.76	50.00- 150.00	100.00(A)
51 3-Chloropropene					CAS #: 107-05-1		
9.676	9.676 (0.761)	76	1791195	200.000	220.52	50.00- 150.00	100.00(A)
9.649	9.649 (0.759)	41	8930090			464.51- 564.51	498.55
56 Methylene Chloride					CAS #: 75-09-2		
9.953	9.953 (0.783)	49	8361149	200.000	220.77	50.00- 150.00	100.00(A)
9.953	9.953 (0.783)	84	3601117			0.00- 95.37	43.07
9.953	9.953 (0.783)	51	2453898			0.00- 82.62	29.35
60 MTBE					CAS #: 1634-04-4		
10.312	10.312 (0.811)	73	7454210	200.000	222.25	50.00- 150.00	100.00(A)
10.312	10.312 (0.811)	57	2303649			0.00- 83.12	30.90
10.312	10.312 (0.811)	41	2646148			0.00- 89.80	35.50
61 trans-1,2-Dichloroethene					CAS #: 156-60-5		
10.395	10.395 (0.817)	96	3957025	200.000	216.23	50.00- 150.00	100.00(A)
10.395	10.395 (0.817)	61	7275810			122.08- 222.08	183.87
10.395	10.395 (0.817)	98	2508366			10.41- 110.41	63.39

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
65 Hexane					CAS #: 110-54-3		
10.755	10.755 (0.846)	57	8388284	200.000	220.61	50.00- 150.00	100.00(A)
10.755	10.755 (0.846)	43	6285595			27.06- 127.06	74.93
10.755	10.755 (0.846)	86	869890			0.00- 60.38	10.37
69 Vinyl Acetate					CAS #: 108-05-4		
11.225	11.225 (0.883)	86	855090	200.000	213.46	50.00- 150.00	100.00(A)
11.225	11.225 (0.883)	43	17481140			1878.23-1978.23	2044.36
70 1,1-Dichloroethane					CAS #: 75-34-3		
11.225	11.225 (0.883)	63	8973278	200.000	224.89	50.00- 150.00	100.00(A)
11.225	11.225 (0.883)	65	2640686			0.00- 80.72	29.43
75 2-Butanone					CAS #: 78-93-3		
12.275	12.275 (0.965)	72	1848456	200.000	239.31	50.00- 150.00	100.00(A)
12.248	12.248 (0.963)	43	13263254			686.92- 786.92	717.53
12.248	12.248 (0.963)	57	850599			0.00- 97.36	46.02
77 cis-1,2-Dichloroethene					CAS #: 156-59-2		
12.275	12.275 (0.965)	61	7150662	200.000	221.75	50.00- 150.00	100.00(A)
12.275	12.275 (0.965)	96	4207887			9.60- 109.60	58.85
12.275	12.275 (0.965)	98	2657001			0.00- 86.30	37.16
79 Tetrahydrofuran					CAS #: 109-99-9		
12.718	12.718 (1.000)	42	7300723	200.000	201.89	50.00- 150.00	100.00(A)
12.718	12.718 (1.000)	71	1703418			0.00- 72.67	23.33
12.718	12.718 (1.000)	72	1830573			0.00- 75.03	25.07
81 Chloroform					CAS #: 67-66-3		
12.801	12.801 (1.007)	83	7609388	200.000	222.33	50.00- 150.00	100.00(A)
12.801	12.801 (1.007)	85	4906187			14.20- 114.20	64.48
83 1,1,1-Trichloroethane					CAS #: 71-55-6		
13.133	13.133 (1.033)	97	7891708	200.000	215.29	50.00- 150.00	100.00(A)
13.133	13.133 (1.033)	99	5040058			10.00- 110.00	63.87
84 Cyclohexane					CAS #: 110-82-7		
13.160	13.160 (1.035)	84	4731627	200.000	214.34	50.00- 150.00	100.00(A)
13.160	13.160 (1.035)	56	8181088			118.94- 218.94	172.90
13.160	13.160 (1.035)	41	5236353			67.13- 167.13	110.67
86 Carbon Tetrachloride					CAS #: 56-23-5		
13.409	13.409 (1.054)	119	7765383	200.000	223.81	50.00- 150.00	100.00(A)
13.409	13.409 (1.054)	117	8107527			50.79- 150.79	104.41
91 Benzene					CAS #: 71-43-2		
13.824	13.824 (0.952)	78	10535101	200.000	211.62	50.00- 150.00	100.00(A)

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
91 Benzene (continued)							
13.824	13.824 (0.952)	77	2283903			0.00- 73.17	21.68
89 2,2,4-Trimethylpentane					CAS #: 540-84-1		
13.768	13.768 (1.083)	57	25468986	200.000	224.92	50.00- 150.00	100.00(A)
13.768	13.768 (1.083)	56	8605445			0.00- 85.19	33.79
13.768	13.768 (1.083)	41	7703513			0.00- 84.57	30.25
93 1,2-Dichloroethane					CAS #: 107-06-2		
13.962	13.962 (0.962)	62	6435231	200.000	217.53	50.00- 150.00	100.00(A)
13.962	13.962 (0.962)	64	1912345			0.00- 84.01	29.72
94 Heptane					CAS #: 142-82-5		
14.073	14.073 (0.970)	71	3235584	200.000	215.35	50.00- 150.00	100.00(A)
14.045	14.045 (0.968)	43	10010158			258.41- 358.41	309.38
14.073	14.073 (0.970)	57	4477877			87.56- 187.56	138.39
100 Trichloroethene					CAS #: 79-01-6		
14.957	14.957 (1.030)	95	4278366	200.000	212.95	50.00- 150.00	100.00(A)
14.985	14.985 (1.032)	130	4092934			45.44- 145.44	95.67
14.985	14.985 (1.032)	97	2771119			15.24- 115.24	64.77
104 1,2-Dichloropropane					CAS #: 78-87-5		
15.455	15.455 (1.065)	63	4378870	200.000	212.66	50.00- 150.00	100.00(A)
15.455	15.455 (1.065)	62	3291149			22.51- 122.51	75.16
15.455	15.455 (1.065)	41	3582162			38.81- 138.81	81.81
106 1,4-Dioxane					CAS #: 123-91-1		
15.593	15.593 (1.074)	88	2494804	200.000	214.24	50.00- 150.00	100.00(A)
15.593	15.593 (1.074)	58	2200472			38.27- 138.27	88.20
15.593	15.593 (1.074)	57	788560			0.00- 82.05	31.61
108 Bromodichloromethane					CAS #: 75-27-4		
15.897	15.897 (1.095)	83	7331126	200.000	225.57	50.00- 150.00	100.00(A)
15.897	15.897 (1.095)	85	4708845			14.33- 114.33	64.23
111 cis-1,3-Dichloropropene					CAS #: 10061-01-5		
16.699	16.699 (1.150)	75	5936348	200.000	221.93	50.00- 150.00	100.00(A)
16.699	16.699 (1.150)	77	1861823			0.00- 81.90	31.36
16.699	16.699 (1.150)	39	5385254			44.47- 144.47	90.72
112 4-Methyl-2-pentanone					CAS #: 108-10-1		
16.893	16.893 (1.164)	58	4518600	200.000	238.23	50.00- 150.00	100.00(A)
16.893	16.893 (1.164)	43	14005611			266.86- 366.86	309.95
16.920	16.920 (1.166)	85	1375559			0.00- 81.73	30.44

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
115 Toluene					CAS #: 108-88-3		
17.252	17.252 (1.189)	91	11707989	200.000	209.28	50.00- 150.00	100.00(A)
17.252	17.252 (1.189)	92	7328498			11.01- 111.01	62.59
116 trans-1,3-Dichloropropene					CAS #: 10061-02-6		
17.695	17.695 (0.895)	75	5825575	200.000	233.50	50.00- 150.00	100.00(A)
17.695	17.695 (0.895)	77	1818569			0.00- 83.01	31.22
17.695	17.695 (0.895)	39	4975737			46.26- 146.26	85.41
118 1,1,2-Trichloroethane					CAS #: 79-00-5		
18.054	18.054 (0.913)	97	4254356	200.000	217.25	50.00- 150.00	100.00(A)
18.054	18.054 (0.913)	99	2654096			13.51- 113.51	62.39
18.054	18.054 (0.913)	83	3528963			30.15- 130.15	82.95
119 Tetrachloroethene					CAS #: 127-18-4		
18.220	18.220 (0.922)	166	4739578	200.000	210.63	50.00- 150.00	100.00(A)
18.220	18.220 (0.922)	129	3712891			27.01- 127.01	78.34
18.220	18.220 (0.922)	131	3551280			22.81- 122.81	74.93
120 2-Hexanone					CAS #: 591-78-6		
18.386	18.386 (0.930)	58	6293518	200.000	233.72	50.00- 150.00	100.00(A)
18.386	18.386 (0.930)	43	13995283			174.47- 274.47	222.38
18.386	18.386 (0.930)	100	795538			0.00- 63.33	12.64
123 Dibromochloromethane					CAS #: 124-48-1		
18.745	18.745 (0.948)	129	7244451	200.000	232.76	50.00- 150.00	100.00(A)
18.745	18.745 (0.948)	127	5600158			28.74- 128.74	77.30
124 1,2-Dibromoethane					CAS #: 106-93-4		
19.022	19.022 (0.962)	107	6559768	200.000	227.02	50.00- 150.00	100.00(A)
19.022	19.022 (0.962)	109	6174778			46.70- 146.70	94.13
126 Chlorobenzene					CAS #: 108-90-7		
19.824	19.824 (1.003)	112	9631015	200.000	215.71	50.00- 150.00	100.00(A)
19.824	19.824 (1.003)	114	3070138			0.00- 81.87	31.88
19.824	19.824 (1.003)	77	5519836			19.98- 119.98	57.31
128 Ethyl Benzene					CAS #: 100-41-4		
19.934	19.934 (1.008)	106	5178182	200.000	218.32	50.00- 150.00	100.00(A)
19.934	19.934 (1.008)	91	16759226			278.01- 378.01	323.65
130 m,p-Xylene					CAS #: 108-38-3		
20.128	20.128 (1.018)	106	12482929	400.000	393.45	50.00- 150.00	100.00
20.128	20.128 (1.018)	91	25094231			160.43- 260.43	201.03
131 o-Xylene					CAS #: 95-47-6		
20.874	20.874 (1.056)	106	6476558	200.000	212.74	50.00- 150.00	100.00(A)

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
131 o-Xylene (continued)							
20.874	20.874 (1.056)	91	13497403			154.94- 254.94	208.40
132 Styrene					CAS #: 100-42-5		
20.902	20.902 (1.057)	104	10565921	200.000	229.79	50.00- 150.00	100.00(A)
20.902	20.902 (1.057)	78	5200696			6.83- 106.83	49.22
133 Bromoform					CAS #: 75-25-2		
21.317	21.317 (1.078)	173	7164656	200.000	236.10	50.00- 150.00	100.00(A)
21.317	21.317 (1.078)	171	3680718			2.03- 102.03	51.37
135 Cumene					CAS #: 98-82-8		
21.483	21.483 (1.087)	105	20713963	200.000	199.37	50.00- 150.00	100.00
21.483	21.483 (1.087)	120	5391341			0.00- 74.93	26.03
21.483	21.483 (1.087)	51	3004069			0.00- 67.07	14.50
138 1,1,2,2-Tetrachloroethane					CAS #: 79-34-5		
22.091	22.091 (1.117)	83	10877857	200.000	220.60	50.00- 150.00	100.00(A)
22.091	22.091 (1.117)	85	6936111			13.14- 113.14	63.76
139 Propylbenzene					CAS #: 103-65-1		
22.229	22.229 (1.124)	91	27600504	200.000	226.80	50.00- 150.00	100.00(A)
22.229	22.229 (1.124)	120	5936754			0.00- 72.02	21.51
22.229	22.229 (1.124)	105	961702			0.00- 54.30	3.48
144 4-Ethyltoluene					CAS #: 622-96-8		
22.423	22.423 (1.134)	105	21954626	200.000	224.77	50.00- 150.00	100.00(A)
22.423	22.423 (1.134)	120	6555076			0.00- 80.37	29.86
146 1,3,5-Trimethylbenzene					CAS #: 108-67-8		
22.533	22.533 (1.140)	105	16691729	200.000	224.21	50.00- 150.00	100.00(A)
22.533	22.533 (1.140)	120	8397317			0.00- 99.69	50.31
150 1,2,4-Trimethylbenzene					CAS #: 95-63-6		
23.225	23.225 (1.175)	105	17209689	200.000	225.05	50.00- 150.00	100.00(A)
23.225	23.225 (1.175)	120	8121696			0.00- 97.68	47.19
156 1,3-Dichlorobenzene					CAS #: 541-73-1		
23.833	23.833 (1.206)	146	11727935	200.000	229.67	50.00- 150.00	100.00(A)
23.833	23.833 (1.206)	148	7422132			12.59- 112.59	63.29
23.833	23.833 (1.206)	111	4750354			0.00- 90.49	40.50
157 1,4-Dichlorobenzene					CAS #: 106-46-7		
23.999	23.999 (1.214)	146	11909212	200.000	235.18	50.00- 150.00	100.00(A)
23.999	23.999 (1.214)	148	7524657			15.28- 115.28	63.18
23.999	23.999 (1.214)	111	4646250			0.00- 90.12	39.01

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
159 alpha-Chlorotoluene					CAS #: 100-44-7		
24.220	24.220 (1.225)	91	20673293	200.000	251.78	50.00- 150.00	100.00(A)
24.248	24.248 (1.227)	126	3882183			0.00- 70.00	18.78
162 1,2-Dichlorobenzene					CAS #: 95-50-1		
24.690	24.690 (1.249)	146	11358981	200.000	234.54	50.00- 150.00	100.00(A)
24.690	24.690 (1.249)	148	7136444			14.21- 114.21	62.83
24.690	24.690 (1.249)	111	4797370			0.00- 92.31	42.23
167 1,2,4-Trichlorobenzene					CAS #: 120-82-1		
27.759	27.759 (1.404)	180	4860088	200.000	279.09	50.00- 150.00	100.00(A)
27.759	27.759 (1.404)	182	4553170			42.29- 142.29	93.68
168 Hexachlorobutadiene					CAS #: 87-68-3		
27.953	27.953 (1.414)	225	3424749	200.000	258.82	50.00- 150.00	100.00(A)
27.953	27.953 (1.414)	223	2173592			16.53- 116.53	63.47
169 Naphthalene					CAS #: 91-20-3		
28.340	28.340 (1.434)	128	6267735	100.000	140.67	50.00- 150.00	100.00(A)
28.340	28.340 (1.434)	127	778568			0.00- 67.34	12.42
29 Isopentane					CAS #: 78-78-4		
7.077	7.077 (0.556)	43	7650320	200.000	209.83	50.00- 150.00	100.00(A)
7.077	7.077 (0.556)	57	4416526			7.08- 107.08	57.73
20 Butane					CAS #: 106-97-8		
5.722	5.722 (0.450)	58	808523	200.000	208.26	50.00- 150.00	100.00(A)
5.722	5.722 (0.450)	43	8463469			988.87-1088.87	1046.78
102 Methyl Cyclohexane					CAS #: 108-87-2		
15.234	15.234 (1.198)	83	5897512	200.000	219.86	50.00- 150.00	100.00(A)
15.261	15.261 (1.200)	98	2594886			0.00- 95.08	44.00
15.234	15.234 (1.198)	55	7210005			72.81- 172.81	122.26

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1012615.d
Lab Smp Id: ICAL
Analysis Type: VOA
Quant Type: ISTD
Operator: srs
Method File: /chem/msd1.i/1-26jana.b/t14q126a.m
Misc Info: 200ppbv -> 200ppbv

Calibration Date: 26-JAN-2007
Calibration Time: 21:34
Client Smp ID: Level 7
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	304683	182810	426556	303505	-0.39
96 1,4-Difluorobenze	1208906	725344	1692468	1182238	-2.21
125 Chlorobenzene-d5	1081956	649174	1514738	1041712	-3.72

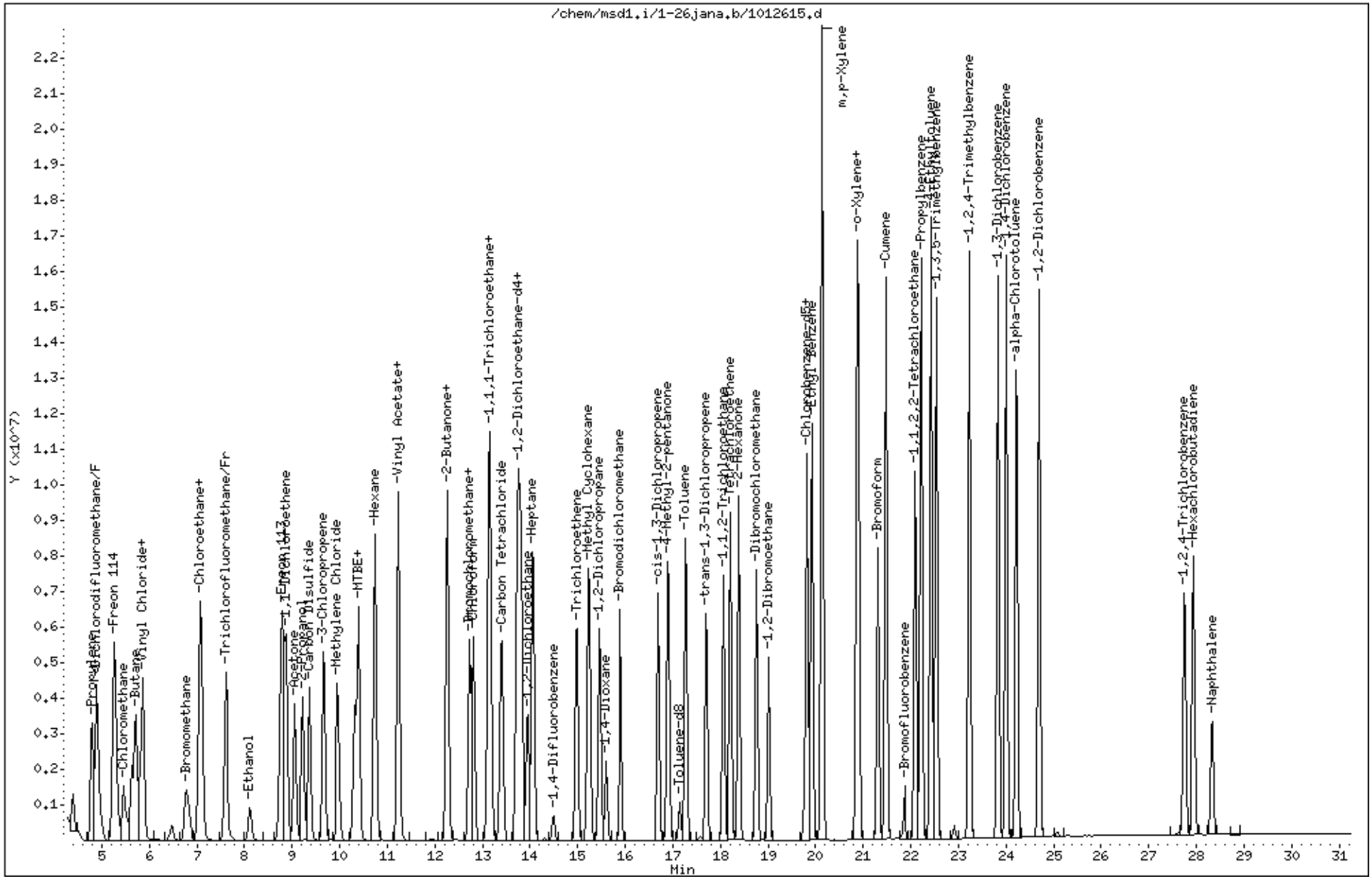
		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.75	12.42	13.08	12.72	-0.22
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Data File: /chem/msd1.i/1-26jana.b/1012615.d
Date : 26-JAN-2007 23:23
Client ID: Level 7
Sample Info: 200mL #1408-364

Instrument: msd1.i
Operator: srs
Column diameter: 0.53

Column phase: RTx-624



0185

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0702594-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1030902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/9/07 09:22 AM**	

Compound	%Recovery
Freon 12	113
Freon 114	105
Vinyl Chloride	110
Bromomethane	102
Chloroethane	99
Freon 11	108
1,1-Dichloroethene	110
Freon 113	102
Methylene Chloride	111
1,1-Dichloroethane	106
cis-1,2-Dichloroethene	111
Chloroform	111
1,1,1-Trichloroethane	110
Carbon Tetrachloride	114
Benzene	99
1,2-Dichloroethane	116
Trichloroethene	105
1,2-Dichloropropane	106
cis-1,3-Dichloropropene	106
Toluene	98
trans-1,3-Dichloropropene	109
1,1,2-Trichloroethane	105
Tetrachloroethene	101
1,2-Dibromoethane (EDB)	108
Chlorobenzene	100
Ethyl Benzene	101
m,p-Xylene	94
o-Xylene	98
Styrene	97
1,1,2,2-Tetrachloroethane	96
1,3,5-Trimethylbenzene	95
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	93
1,4-Dichlorobenzene	94
alpha-Chlorotoluene	96
1,2-Dichlorobenzene	93
1,3-Butadiene	119
Hexane	104
Cyclohexane	102

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0702594-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1030902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/9/07 09:22 AM**	

Compound	%Recovery
Heptane	103
Bromodichloromethane	112
Dibromochloromethane	110
Cumene	88
Propylbenzene	95
Chloromethane	128
1,2,4-Trichlorobenzene	112
Hexachlorobutadiene	112
Acetone	103
Carbon Disulfide	89
2-Propanol	114
trans-1,2-Dichloroethene	98
2-Butanone (Methyl Ethyl Ketone)	108
Tetrahydrofuran	112
1,4-Dioxane	99
4-Methyl-2-pentanone	120
2-Hexanone	111
Bromoform	108
4-Ethyltoluene	95
Ethanol	112
Methyl tert-butyl ether	105
3-Chloropropene	96
2,2,4-Trimethylpentane	116
Naphthalene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics Ltd.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd1.i Injection Date: 09-MAR-2007 09:22
Lab File ID: 1030902.d Init. Cal. Date(s): 26-JAN-2007 08-MAR-2007
Analysis Type: AIR Init. Cal. Times: 18:21 10:58
Lab Sample ID: CCV-1 Quant Type: ISTD
Method: /var/chem/msd1.i/1-09mar.b/t14q126d.m

COMPOUND	RRF / AMOUNT	RF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 90 1,2-Dichloroethane-d4	1.75273	2.00707	0.010	-14.51114	30.00000	Averaged
$ 113 Toluene-d8	0.98558	0.96927	0.010	1.65470	30.00000	Averaged
$ 137 Bromofluorobenzene	0.62567	0.61682	0.010	1.41391	30.00000	Averaged
12 Propylene	2.14935	2.73106	0.010	-27.06457	30.00000	Averaged
15 Dichlorodifluoromethane/Fr1	4.25896	4.80182	0.010	-12.74611	30.00000	Averaged
18 Freon 114	2.57881	2.70441	0.010	-4.87028	30.00000	Averaged
19 Chloromethane	2.26487	2.88842	0.010	-27.53149	30.00000	Averaged
22 Vinyl Chloride	1.95352	2.14604	0.010	-9.85527	30.00000	Averaged
23 1,3-Butadiene	1.44268	1.71556	0.010	-18.91521	30.00000	Averaged
27 Bromomethane	1.35676	1.39010	0.010	-2.45675	30.00000	Averaged
30 Chloroethane	0.98194	0.97563	0.010	0.64211	30.00000	Averaged
32 Trichlorofluoromethane/Fr11	3.93658	4.27047	0.010	-8.48167	30.00000	Averaged
39 Ethanol	0.95845	1.07767	0.010	-12.43966	30.00000	Averaged
44 Freon 113	2.18924	2.23298	0.010	-1.99790	30.00000	Averaged
45 1,1-Dichloroethene	3.16389	3.46706	0.010	-9.58228	30.00000	Averaged
46 Acetone	0.96001	0.98646	0.010	-2.75535	30.00000	Averaged
47 2-Propanol	4.28854	4.86844	0.010	-13.52198	30.00000	Averaged
49 Carbon Disulfide	4.60540	4.08731	0.010	11.24956	30.00000	Averaged
51 3-Chloropropene	0.66908	0.64399	0.010	3.74950	30.00000	Averaged
56 Methylene Chloride	3.11964	3.46130	0.010	-10.95197	30.00000	Averaged
60 MTBE	2.76264	2.89599	0.010	-4.82688	30.00000	Averaged
61 trans-1,2-Dichloroethene	1.50738	1.47949	0.010	1.84994	30.00000	Averaged
65 Hexane	3.13204	3.26965	0.010	-4.39353	30.00000	Averaged
69 Vinyl Acetate	0.32997	0.30896	0.010	6.36773	30.00000	Averaged
70 1,1-Dichloroethane	3.28664	3.47455	0.010	-5.71768	30.00000	Averaged
75 2-Butanone	0.63624	0.68587	0.010	-7.80148	30.00000	Averaged
77 cis-1,2-Dichloroethene	2.65616	2.95031	0.010	-11.07436	30.00000	Averaged
79 Tetrahydrofuran	2.97866	3.33187	0.010	-11.85775	30.00000	Averaged
81 Chloroform	2.81919	3.12712	0.010	-10.92287	30.00000	Averaged
83 1,1,1-Trichloroethane	3.01941	3.32935	0.010	-10.26478	30.00000	Averaged
84 Cyclohexane	1.81840	1.85719	0.010	-2.13318	30.00000	Averaged
86 Carbon Tetrachloride	2.85797	3.24963	0.010	-13.70427	30.00000	Averaged
89 2,2,4-Trimethylpentane	9.32710	10.79423	0.010	-15.72976	30.00000	Averaged
91 Benzene	1.05275	1.04049	0.010	1.16404	30.00000	Averaged
93 1,2-Dichloroethane	0.62557	0.72273	0.010	-15.53102	30.00000	Averaged

Air Toxics Ltd.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd1.i Injection Date: 09-MAR-2007 09:22
Lab File ID: 1030902.d Init. Cal. Date(s): 26-JAN-2007 08-MAR-2007
Analysis Type: AIR Init. Cal. Times: 18:21 10:58
Lab Sample ID: CCV-1 Quant Type: ISTD
Method: /var/chem/msd1.i/1-09mar.b/t14q126d.m

COMPOUND	RRF / AMOUNT	RF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
94 Heptane	0.31772	0.32820	0.010	-3.29835	30.00000	Averaged
100 Trichloroethene	0.42484	0.44814	0.010	-5.48307	30.00000	Averaged
104 1,2-Dichloropropane	0.43542	0.46235	0.010	-6.18465	30.00000	Averaged
106 1,4-Dioxane	0.24625	0.24398	0.010	0.91851	30.00000	Averaged
108 Bromodichloromethane	0.68727	0.76854	0.010	-11.82599	30.00000	Averaged
111 cis-1,3-Dichloropropene	0.56563	0.60203	0.010	-6.43381	30.00000	Averaged
112 4-Methyl-2-pentanone	0.40109	0.48146	0.010	-20.03933	30.00000	Averaged
115 Toluene	1.18301	1.16537	0.010	1.49098	30.00000	Averaged
116 trans-1,3-Dichloropropene	0.59876	0.65555	0.010	-9.48553	30.00000	Averaged
118 1,1,2-Trichloroethane	0.46996	0.49527	0.010	-5.38413	30.00000	Averaged
119 Tetrachloroethene	0.54003	0.54521	0.010	-0.95807	30.00000	Averaged
120 2-Hexanone	0.64622	0.71776	0.010	-11.07089	30.00000	Averaged
123 Dibromochloromethane	0.74695	0.82517	0.010	-10.47200	30.00000	Averaged
124 1,2-Dibromoethane	0.69347	0.74860	0.010	-7.95089	30.00000	Averaged
126 Chlorobenzene	1.07149	1.07190	0.010	-0.03747	30.00000	Averaged
128 Ethyl Benzene	0.56922	0.57580	0.010	-1.15564	30.00000	Averaged
130 m,p-Xylene	0.76140	0.71513	0.010	6.07691	30.00000	Averaged
131 o-Xylene	0.73062	0.71421	0.010	2.24601	30.00000	Averaged
132 Styrene	1.10347	1.07319	0.010	2.74398	30.00000	Averaged
133 Bromoform	0.72825	0.78615	0.010	-7.94997	30.00000	Averaged
135 Cumene	2.49345	2.18778	0.010	12.25884	30.00000	Averaged
138 1,1,2,2-Tetrachloroethane	1.18340	1.13313	0.010	4.24792	30.00000	Averaged
139 Propylbenzene	2.92054	2.76952	0.010	5.17080	30.00000	Averaged
144 4-Ethyltoluene	2.34412	2.22820	0.010	4.94483	30.00000	Averaged
146 1,3,5-Trimethylbenzene	1.78666	1.69447	0.010	5.15971	30.00000	Averaged
150 1,2,4-Trimethylbenzene	1.83519	1.72079	0.010	6.23399	30.00000	Averaged
156 1,3-Dichlorobenzene	1.22546	1.13813	0.010	7.12643	30.00000	Averaged
157 1,4-Dichlorobenzene	1.21530	1.14119	0.010	6.09753	30.00000	Averaged
159 alpha-Chlorotoluene	1.97050	1.89150	0.010	4.00883	30.00000	Averaged
162 1,2-Dichlorobenzene	1.16227	1.08162	0.010	6.93847	30.00000	Averaged
167 1,2,4-Trichlorobenzene	0.41792	0.46872	0.010	-12.15392	30.00000	Averaged
168 Hexachlorobutadiene	0.31756	0.35712	0.010	-12.45820	30.00000	Averaged
29 Isopentane	3.00326	3.41090	0.010	-13.57316	30.00000	Averaged
20 Butane	0.31978	0.34407	0.010	-7.59469	30.00000	Averaged
102 Methyl Cyclohexane	2.20954	2.38577	0.010	-7.97551	30.00000	Averaged
169 Naphthalene	1.06932	1.11414	0.010	-4.19150	30.00000	Averaged

Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-09mar.b/1030902.d
Lab Smp Id: CCV-1 Client Smp ID: CCV-1
Inj Date : 09-MAR-2007 09:22
Operator : sjr Inst ID: msd1.i
Smp Info : 100mL #1408-364A
Misc Info : 100ppbv-50ppbv
Comment :
Method : /var/chem/msd1.i/1-09mar.b/t14q126d.m
Meth Date : 09-Mar-2007 09:41 sruth Quant Type: ISTD
Cal Date : 08-MAR-2007 10:58 Cal File: 1030804.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: AT04ENSR.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
==	====== ========	====	========	=======	=======	==========	=====
* 80 Bromochloromethane						CAS #: 74-97-5	
12.718	12.718 (1.000)	130	253228	25.0000		80.00- 120.00	100.00
12.718	12.718 (1.000)	128	197431			27.97- 127.97	77.97
12.718	12.718 (1.000)	49	1048038			363.87- 463.87	413.87
* 96 1,4-Difluorobenzene						CAS #: 540-36-3	
14.515	14.515 (1.000)	114	1013989	25.0000		80.00- 120.00	100.00
14.487	14.487 (1.000)	88	166248			0.00- 66.40	16.40
* 125 Chlorobenzene-d5						CAS #: 3114-55-4	
19.768	19.768 (1.000)	117	901482	25.0000		80.00- 120.00	100.00
19.768	19.768 (1.000)	82	517833			6.85- 106.85	57.44
$ 90 1,2-Dichloroethane-d4						CAS #: 17060-07-0	
13.796	13.796 (1.085)	65	508246	25.0000	28.628	80.00- 120.00	100.00
13.796	13.796 (1.085)	67	259840			0.62- 100.62	51.12
$ 113 Toluene-d8						CAS #: 2037-26-5	
17.142	17.142 (1.181)	98	982834	25.0000	24.586	80.00- 120.00	100.00
17.142	17.142 (1.181)	70	118530			0.00- 61.35	12.06

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	AMOUNTS ON-COL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	696079			19.43- 119.43	70.82
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	556056	25.0000	24.646	80.00- 120.00	100.00
21.870	21.870 (1.106)	95	822855			97.98- 197.98	147.98
21.870	21.870 (1.106)	176	529385			45.20- 145.20	95.20
12 Propylene					CAS #: 115-07-1		
4.810	4.810 (0.378)	41	1383161	50.0000	63.532	80.00- 120.00	100.00
4.810	4.810 (0.378)	42	979106			20.40- 120.40	70.79
4.810	4.810 (0.378)	39	1077717			28.43- 128.43	77.92
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.893	4.893 (0.385)	85	2431909	50.0000	56.373	80.00- 120.00	100.00
4.893	4.893 (0.385)	87	783308			0.00- 81.56	32.21
18 Freon 114					CAS #: 76-14-2		
5.252	5.252 (0.413)	135	1369664	50.0000	52.435	80.00- 120.00	100.00
5.252	5.252 (0.413)	137	440298			0.00- 82.15	32.15
19 Chloromethane					CAS #: 74-87-3		
5.473	5.473 (0.430)	50	1462859	50.0000	63.766	80.00- 120.00	100.00
5.473	5.473 (0.430)	52	443611			0.00- 83.46	30.32
22 Vinyl Chloride					CAS #: 75-01-4		
5.805	5.805 (0.456)	62	1086875	50.0000	54.928	80.00- 120.00	100.00
5.805	5.805 (0.456)	64	326918			0.00- 84.58	30.08
23 1,3-Butadiene					CAS #: 106-99-0		
5.861	5.861 (0.461)	54	868856	50.0000	59.458	80.00- 120.00	100.00
5.861	5.861 (0.461)	39	1075271			73.02- 173.02	123.76
27 Bromomethane					CAS #: 74-83-9		
6.801	6.801 (0.535)	94	704023	50.0000	51.228	80.00- 120.00	100.00
6.801	6.801 (0.535)	96	665268			44.50- 144.50	94.50
30 Chloroethane					CAS #: 75-00-3		
7.049	7.049 (0.554)	64	494115	50.0000	49.679	80.00- 120.00	100.00
7.049	7.049 (0.554)	49	230986			0.00- 87.81	46.75
7.049	7.049 (0.554)	66	144457			0.00- 78.40	29.24
32 Trichlorofluoromethane/Fr11					CAS #: 75-69-4		
7.602	7.602 (0.598)	101	2162804	50.0000	54.241	80.00- 120.00	100.00
7.602	7.602 (0.598)	103	1392848			14.40- 114.40	64.40

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
39 Ethanol					CAS #: 64-17-5		
8.100	8.100 (0.637)	45	545794	50.0000	56.220	80.00- 120.00	100.00
8.100	8.100 (0.637)	43	124799			0.00- 71.11	22.87
8.100	8.100 (0.637)	46	200583			0.00- 84.12	36.75
44 Freon 113					CAS #: 76-13-1		
8.791	8.791 (0.691)	151	1130907	50.0000	50.999	80.00- 120.00	100.00
8.791	8.791 (0.691)	153	717409			13.44- 113.44	63.44
8.791	8.791 (0.691)	101	1529583			85.25- 185.25	135.25
45 1,1-Dichloroethene					CAS #: 75-35-4		
8.874	8.874 (0.698)	61	1755913	50.0000	54.791	80.00- 120.00	100.00
8.874	8.874 (0.698)	96	764875			0.00- 93.56	43.56
8.874	8.874 (0.698)	98	487619			0.00- 77.77	27.77
46 Acetone					CAS #: 67-64-1		
9.040	9.040 (0.711)	58	499599	50.0000	51.378	80.00- 120.00	100.00
9.040	9.040 (0.711)	43	2377665			367.91- 467.91	475.91
47 2-Propanol					CAS #: 67-63-0		
9.234	9.234 (0.726)	45	2465650	50.0000	56.761	80.00- 120.00	100.00
9.234	9.234 (0.726)	43	530311			0.00- 71.57	21.51
9.234	9.234 (0.726)	59	68400			0.00- 53.29	2.77
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.737)	76	2070043	50.0000	44.375	80.00- 120.00	100.00
51 3-Chloropropene					CAS #: 107-05-1		
9.676	9.676 (0.761)	76	326152	50.0000	48.125	80.00- 120.00	100.00
9.649	9.649 (0.759)	41	1935182			464.51- 564.51	593.34
56 Methylene Chloride					CAS #: 75-09-2		
9.953	9.953 (0.783)	49	1752998	50.0000	55.476	80.00- 120.00	100.00
9.953	9.953 (0.783)	84	650848			0.00- 87.13	37.13
9.953	9.953 (0.783)	51	509750			0.00- 82.62	29.08
60 MTBE					CAS #: 1634-04-4		
10.312	10.312 (0.811)	73	1466692	50.0000	52.413	80.00- 120.00	100.00
10.312	10.312 (0.811)	57	473943			0.00- 82.31	32.31
10.312	10.312 (0.811)	41	637981			0.00- 89.80	43.50
61 trans-1,2-Dichloroethene					CAS #: 156-60-5		
10.395	10.395 (0.817)	96	749297	50.0000	49.075	80.00- 120.00	100.00
10.395	10.395 (0.817)	61	1446115			143.00- 243.00	193.00
10.395	10.395 (0.817)	98	476192			10.41- 110.41	63.55

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
65 Hexane					CAS #: 110-54-3		
10.755	10.755 (0.846)	57	1655932	50.0000	52.197	80.00- 120.00	100.00
10.755	10.755 (0.846)	43	1409995			27.06- 127.06	85.15
10.755	10.755 (0.846)	86	161996			0.00- 60.38	9.78
69 Vinyl Acetate					CAS #: 108-05-4		
11.225	11.225 (0.883)	86	156473	50.0000	46.816	80.00- 120.00	100.00
11.225	11.225 (0.883)	43	3724101			1878.23-1978.23	2380.03
70 1,1-Dichloroethane					CAS #: 75-34-3		
11.225	11.225 (0.883)	63	1759709	50.0000	52.859	80.00- 120.00	100.00
11.225	11.225 (0.883)	65	526677			0.00- 79.93	29.93
75 2-Butanone					CAS #: 78-93-3		
12.275	12.275 (0.965)	72	347364	50.0000	53.901	80.00- 120.00	100.00
12.248	12.248 (0.963)	43	3041711			825.66- 925.66	875.66
12.248	12.248 (0.963)	57	175835			0.00- 97.36	50.62
77 cis-1,2-Dichloroethene					CAS #: 156-59-2		
12.275	12.275 (0.965)	61	1494203	50.0000	55.537	80.00- 120.00	100.00
12.275	12.275 (0.965)	96	810043			4.21- 104.21	54.21
12.275	12.275 (0.965)	98	520011			0.00- 84.80	34.80
79 Tetrahydrofuran					CAS #: 109-99-9		
12.718	12.718 (1.000)	42	1687444	50.0000	55.929	80.00- 120.00	100.00
12.718	12.718 (1.000)	71	328337			0.00- 69.46	19.46
12.718	12.718 (1.000)	72	354661			0.00- 75.03	21.02
81 Chloroform					CAS #: 67-66-3		
12.801	12.801 (1.007)	83	1583750	50.0000	55.461	80.00- 120.00	100.00
12.801	12.801 (1.007)	85	1009419			13.74- 113.74	63.74
83 1,1,1-Trichloroethane					CAS #: 71-55-6		
13.160	13.160 (1.035)	97	1686167	50.0000	55.132	80.00- 120.00	100.00
13.132	13.132 (1.033)	99	1083950			14.28- 114.28	64.28
84 Cyclohexane					CAS #: 110-82-7		
13.160	13.160 (1.035)	84	940583	50.0000	51.066	80.00- 120.00	100.00
13.160	13.160 (1.035)	56	1774040			138.61- 238.61	188.61
13.160	13.160 (1.035)	41	1327788			91.17- 191.17	141.17
86 Carbon Tetrachloride					CAS #: 56-23-5		
13.409	13.409 (1.054)	119	1645795	50.0000	56.852	80.00- 120.00	100.00
13.409	13.409 (1.054)	117	1691441			52.77- 152.77	102.77
89 2,2,4-Trimethylpentane					CAS #: 540-84-1		
13.768	13.768 (1.083)	57	5466801	50.0000	57.865	80.00- 120.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
89 2,2,4-Trimethylpentane (continued)							
13.768	13.768 (1.083)	56	1885471			0.00- 85.19	34.49
13.768	13.768 (1.083)	41	1986858			0.00- 84.57	36.34
91 Benzene					CAS #: 71-43-2		
13.824	13.824 (0.952)	78	2110095	50.0000	49.418	80.00- 120.00	100.00
13.824	13.824 (0.952)	77	456556			0.00- 73.17	21.64
93 1,2-Dichloroethane					CAS #: 107-06-2		
13.962	13.962 (0.962)	62	1465675	50.0000	57.766	80.00- 120.00	100.00
13.962	13.962 (0.962)	64	442254			0.00- 84.01	30.17
94 Heptane					CAS #: 142-82-5		
14.072	14.072 (0.970)	71	665575	50.0000	51.649	80.00- 120.00	100.00
14.072	14.072 (0.970)	43	2510441			258.41- 358.41	377.18
14.072	14.072 (0.970)	57	1000813			87.56- 187.56	150.37
100 Trichloroethene					CAS #: 79-01-6		
14.985	14.985 (1.032)	95	908813	50.0000	52.742	80.00- 120.00	100.00
14.985	14.985 (1.032)	130	843438			42.81- 142.81	92.81
14.985	14.985 (1.032)	97	588080			14.71- 114.71	64.71
104 1,2-Dichloropropane					CAS #: 78-87-5		
15.455	15.455 (1.065)	63	937636	50.0000	53.092	80.00- 120.00	100.00
15.455	15.455 (1.065)	62	708884			25.60- 125.60	75.60
15.455	15.455 (1.065)	41	969405			53.39- 153.39	103.39
106 1,4-Dioxane					CAS #: 123-91-1		
15.593	15.593 (1.074)	88	494793	50.0000	49.541	80.00- 120.00	100.00
15.593	15.593 (1.074)	58	482969			47.61- 147.61	97.61
15.593	15.593 (1.074)	57	175840			0.00- 82.05	35.54
108 Bromodichloromethane					CAS #: 75-27-4		
15.897	15.897 (1.095)	83	1558589	50.0000	55.913	80.00- 120.00	100.00
15.897	15.897 (1.095)	85	1000305			14.18- 114.18	64.18
111 cis-1,3-Dichloropropene					CAS #: 10061-01-5		
16.699	16.699 (1.150)	75	1220894	50.0000	53.217	80.00- 120.00	100.00
16.699	16.699 (1.150)	77	376684			0.00- 80.85	30.85
16.699	16.699 (1.150)	39	1421056			66.39- 166.39	116.39
112 4-Methyl-2-pentanone					CAS #: 108-10-1		
16.893	16.893 (1.164)	58	976396	50.0000	60.020	80.00- 120.00	100.00
16.893	16.893 (1.164)	43	3465828			266.86- 366.86	354.96
16.920	16.920 (1.166)	85	275202			0.00- 81.73	28.19

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
115 Toluene					CAS #: 108-88-3		
17.252	17.252 (1.189)	91	2363351	50.0000	49.254	80.00- 120.00	100.00
17.252	17.252 (1.189)	92	1508346			13.82- 113.82	63.82
116 trans-1,3-Dichloropropene					CAS #: 10061-02-6		
17.695	17.695 (0.895)	75	1181937	50.0000	54.743	80.00- 120.00	100.00
17.695	17.695 (0.895)	77	377112			0.00- 81.91	31.91
17.695	17.695 (0.895)	39	1284691			58.69- 158.69	108.69
118 1,1,2-Trichloroethane					CAS #: 79-00-5		
18.054	18.054 (0.913)	97	892950	50.0000	52.692	80.00- 120.00	100.00
18.054	18.054 (0.913)	99	547808			11.35- 111.35	61.35
18.054	18.054 (0.913)	83	733621			32.16- 132.16	82.16
119 Tetrachloroethene					CAS #: 127-18-4		
18.220	18.220 (0.922)	166	982987	50.0000	50.479	80.00- 120.00	100.00
18.220	18.220 (0.922)	129	780035			29.35- 129.35	79.35
18.220	18.220 (0.922)	131	754576			26.76- 126.76	76.76
120 2-Hexanone					CAS #: 591-78-6		
18.386	18.386 (0.930)	58	1294096	50.0000	55.535	80.00- 120.00	100.00
18.386	18.386 (0.930)	43	3337125			207.87- 307.87	257.87
18.386	18.386 (0.930)	100	153908			0.00- 63.33	11.89
123 Dibromochloromethane					CAS #: 124-48-1		
18.745	18.745 (0.948)	129	1487744	50.0000	55.236	80.00- 120.00	100.00
18.745	18.745 (0.948)	127	1161741			28.74- 128.74	78.09
124 1,2-Dibromoethane					CAS #: 106-93-4		
19.022	19.022 (0.962)	107	1349704	50.0000	53.975	80.00- 120.00	100.00
19.022	19.022 (0.962)	109	1273265			44.34- 144.34	94.34
126 Chlorobenzene					CAS #: 108-90-7		
19.824	19.824 (1.003)	112	1932590	50.0000	50.019	80.00- 120.00	100.00
19.824	19.824 (1.003)	114	609876			0.00- 81.56	31.56
19.824	19.824 (1.003)	77	1147880			9.40- 109.40	59.40
128 Ethyl Benzene					CAS #: 100-41-4		
19.934	19.934 (1.008)	106	1038139	50.0000	50.578	80.00- 120.00	100.00
19.934	19.934 (1.008)	91	3313752			278.01- 378.01	319.20
130 m,p-Xylene					CAS #: 108-38-3		
20.128	20.128 (1.018)	106	2578717	100.000	93.923	80.00- 120.00	100.00
20.128	20.128 (1.018)	91	5202559			160.43- 260.43	201.75
131 o-Xylene					CAS #: 95-47-6		
20.874	20.874 (1.056)	106	1287702	50.0000	48.877	80.00- 120.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
131 o-Xylene (continued)							
20.874	20.874 (1.056)	91	2716862			160.99- 260.99	210.99
132 Styrene					CAS #: 100-42-5		
20.902	20.902 (1.057)	104	1934927	50.0000	48.628	80.00- 120.00	100.00
20.902	20.902 (1.057)	78	1045366			4.03- 104.03	54.03
133 Bromoform					CAS #: 75-25-2		
21.317	21.317 (1.078)	173	1417396	50.0000	53.975	80.00- 120.00	100.00
21.317	21.317 (1.078)	171	739646			2.18- 102.18	52.18
135 Cumene					CAS #: 98-82-8		
21.482	21.482 (1.087)	105	3944485	50.0000	43.870	80.00- 120.00	100.00
21.482	21.482 (1.087)	120	1029001			0.00- 74.93	26.09
21.482	21.482 (1.087)	51	694482			0.00- 67.07	17.61
138 1,1,2,2-Tetrachloroethane					CAS #: 79-34-5		
22.091	22.091 (1.117)	83	2042997	50.0000	47.876	80.00- 120.00	100.00
22.091	22.091 (1.117)	85	1315661			14.40- 114.40	64.40
139 Propylbenzene					CAS #: 103-65-1		
22.229	22.229 (1.124)	91	4993345	50.0000	47.415	80.00- 120.00	100.00
22.229	22.229 (1.124)	120	1118920			0.00- 72.02	22.41
22.229	22.229 (1.124)	105	181486			0.00- 54.30	3.63
144 4-Ethyltoluene					CAS #: 622-96-8		
22.423	22.423 (1.134)	105	4017369	50.0000	47.528	80.00- 120.00	100.00
22.423	22.423 (1.134)	120	1223864			0.00- 80.46	30.46
146 1,3,5-Trimethylbenzene					CAS #: 108-67-8		
22.533	22.533 (1.140)	105	3055068	50.0000	47.420	80.00- 120.00	100.00
22.533	22.533 (1.140)	120	1527005			0.00- 99.69	49.98
150 1,2,4-Trimethylbenzene					CAS #: 95-63-6		
23.224	23.224 (1.175)	105	3102519	50.0000	46.883	80.00- 120.00	100.00
23.224	23.224 (1.175)	120	1484977			0.00- 97.68	47.86
156 1,3-Dichlorobenzene					CAS #: 541-73-1		
23.833	23.833 (1.206)	146	2052010	50.0000	46.437	80.00- 120.00	100.00
23.833	23.833 (1.206)	148	1326050			12.59- 112.59	64.62
23.833	23.833 (1.206)	111	857628			0.00- 90.49	41.79
157 1,4-Dichlorobenzene					CAS #: 106-46-7		
23.999	23.999 (1.214)	146	2057533	50.0000	46.951	80.00- 120.00	100.00
23.999	23.999 (1.214)	148	1300215			15.28- 115.28	63.19
23.999	23.999 (1.214)	111	812153			0.00- 90.12	39.47

RT	EXP RT (REL RT)	MASS	RESPONSE	AMOUNTS CAL-AMT (PPBV)	ON-COL (PPBV)	TARGET RANGE	RATIO
159 alpha-Chlorotoluene					CAS #: 100-44-7		
24.220	24.220 (1.225)	91	3410310	50.0000	47.996	80.00- 120.00	100.00
24.247	24.247 (1.227)	126	655967			0.00- 70.00	19.23
162 1,2-Dichlorobenzene					CAS #: 95-50-1		
24.690	24.690 (1.249)	146	1950129	50.0000	46.531	80.00- 120.00	100.00
24.690	24.690 (1.249)	148	1229013			13.02- 113.02	63.02
24.690	24.690 (1.249)	111	833556			0.00- 92.74	42.74
167 1,2,4-Trichlorobenzene					CAS #: 120-82-1		
27.731	27.731 (1.403)	180	845082	50.0000	56.077	80.00- 120.00	100.00
27.731	27.731 (1.403)	182	789969			43.48- 143.48	93.48
168 Hexachlorobutadiene					CAS #: 87-68-3		
27.952	27.952 (1.414)	225	643874	50.0000	56.229	80.00- 120.00	100.00
27.952	27.952 (1.414)	223	401068			16.53- 116.53	62.29
29 Isopentane					CAS #: 78-78-4		
7.105	7.105 (0.559)	43	1727471	50.0000	56.786	80.00- 120.00	100.00
7.105	7.105 (0.559)	57	902369			7.08- 107.08	52.24
20 Butane					CAS #: 106-97-8		
5.695	5.695 (0.448)	58	174254	50.0000	53.797	80.00- 120.00	100.00
5.695	5.695 (0.448)	43	2056972			988.87-1088.87	1180.44
102 Methyl Cyclohexane					CAS #: 108-87-2		
15.261	15.261 (1.200)	83	1208286	50.0000	53.988	80.00- 120.00	100.00
15.261	15.261 (1.200)	98	543783			0.00- 95.08	45.00
15.234	15.234 (1.198)	55	1659546			72.81- 172.81	137.35
169 Naphthalene					CAS #: 91-20-3		
28.312	28.312 (1.432)	128	1004374	25.0000	26.048	80.00- 120.00	100.00
28.340	28.340 (1.434)	127	123306			0.00- 67.34	12.28

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1030902.d
Lab Smp Id: CCV-1
Analysis Type: VOA
Quant Type: ISTD
Operator: sjr
Method File: /var/chem/msd1.i/1-09mar.b/t14q126d.m
Misc Info: 100ppbv-50ppbv

Calibration Date: 09-MAR-2007
Calibration Time: 09:22
Client Smp ID: CCV-1
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	253228	151937	354519	253228	0.00
96 1,4-Difluorobenze	1013989	608393	1419585	1013989	0.00
125 Chlorobenzene-d5	901482	540889	1262075	901482	0.00

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

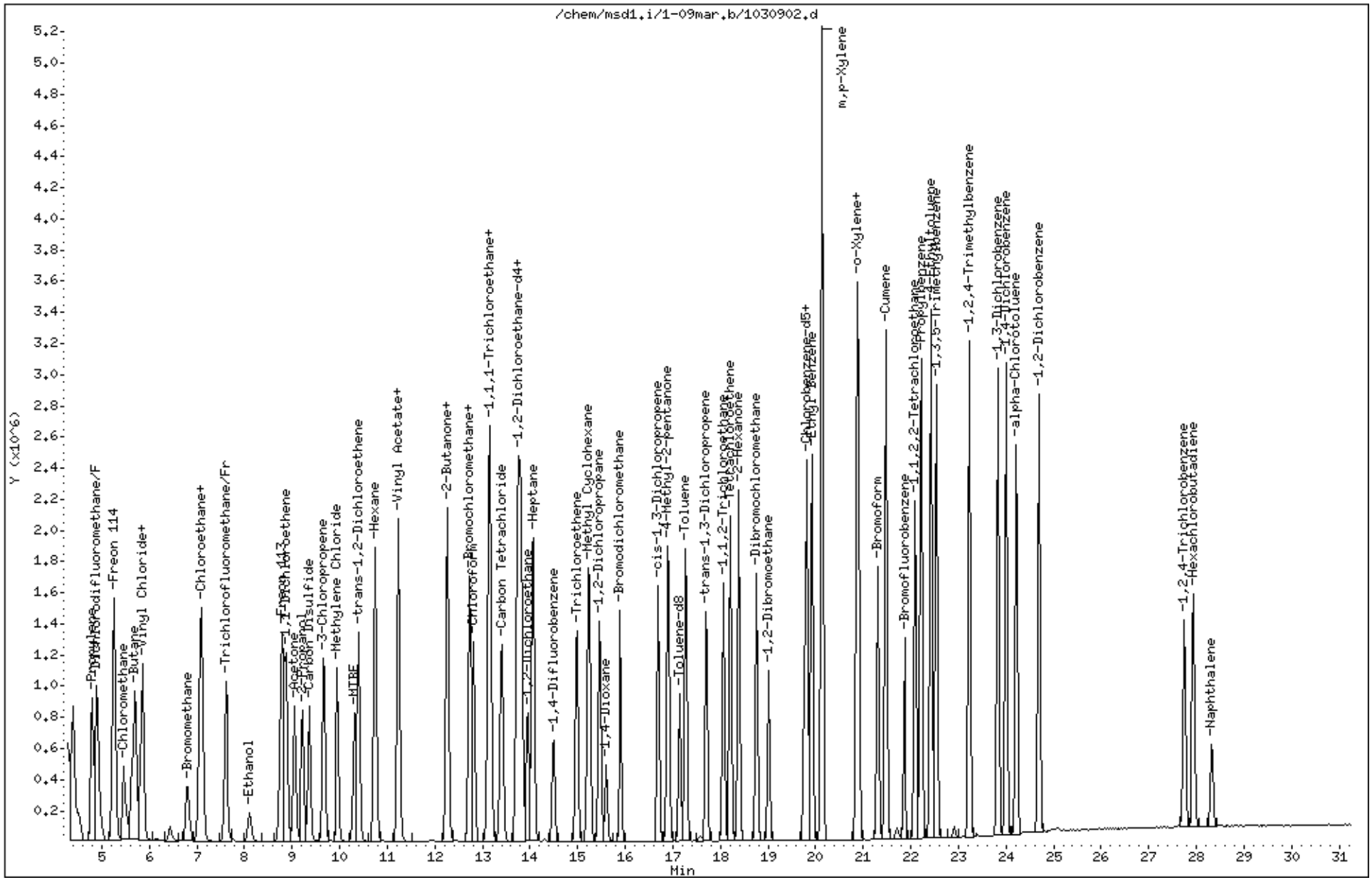
AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

0199

Data File: /chem/msd1.i/1-09mar.b/1030902.d
Date : 09-MAR-2007 09:22
Client ID: CCV-1
Sample Info: 100mL #1408-364A

Instrument: msd1.i
Operator: sjr
Column diameter: 0.53

Column phase: RTx-624



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0702594-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1030903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/9/07 09:59 AM**	

Compound	%Recovery
Freon 12	111
Freon 114	108
Vinyl Chloride	110
Bromomethane	112
Chloroethane	100
Freon 11	113
1,1-Dichloroethene	119
Freon 113	109
Methylene Chloride	116
1,1-Dichloroethane	117
cis-1,2-Dichloroethene	113
Chloroform	120
1,1,1-Trichloroethane	116
Carbon Tetrachloride	115
Benzene	110
1,2-Dichloroethane	124
Trichloroethene	113
1,2-Dichloropropane	116
cis-1,3-Dichloropropene	109
Toluene	108
trans-1,3-Dichloropropene	121
1,1,2-Trichloroethane	111
Tetrachloroethene	112
1,2-Dibromoethane (EDB)	114
Chlorobenzene	108
Ethyl Benzene	108
m,p-Xylene	104
o-Xylene	107
Styrene	110
1,1,2,2-Tetrachloroethane	101
1,3,5-Trimethylbenzene	107
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	100
1,4-Dichlorobenzene	101
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	96
1,3-Butadiene	136
Hexane	117
Cyclohexane	113

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0702594-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1030903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/9/07 09:59 AM**	

Compound	%Recovery
Heptane	114
Bromodichloromethane	120
Dibromochloromethane	119
Cumene	89
Propylbenzene	98
Chloromethane	123
1,2,4-Trichlorobenzene	96
Hexachlorobutadiene	103
Acetone	115
Carbon Disulfide	100
2-Propanol	129
trans-1,2-Dichloroethene	115
2-Butanone (Methyl Ethyl Ketone)	117
Tetrahydrofuran	118
1,4-Dioxane	105
4-Methyl-2-pentanone	129
2-Hexanone	119
Bromoform	112
4-Ethyltoluene	102
Ethanol	120
Methyl tert-butyl ether	131
3-Chloropropene	102
2,2,4-Trimethylpentane	119
Naphthalene	75

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	99	70-130

Report Date: 09-Mar-2007 11:34

Air Toxics Ltd.

RECOVERY REPORT

Client Name: Client SDG: 1-09mar
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: LCS-1 Client Smp ID: LCS-1
Level: LOW Operator: sjr
Data Type: MS DATA SampleType: LCS
SpikeList File: 2926spectra.spk Quant Type: ISTD
Sublist File: 2926Spectra.sub
Method File: /var/chem/msd1.i/1-09mar.b/t14q126d.m
Misc Info: 200ppbv-50ppbv

SPIKE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
15 Dichlorodifluorome	50.000	55.350	110.70	70-130
18 Freon 114	50.000	54.087	108.17	70-130
19 Chloromethane	50.000	61.452	122.90	70-130
22 Vinyl Chloride	50.000	55.148	110.30	70-130
23 1,3-Butadiene	50.000	67.881	135.76	60-140
27 Bromomethane	50.000	55.965	111.93	70-130
30 Chloroethane	50.000	50.115	100.23	70-130
32 Trichlorofluoromet	50.000	56.420	112.84	70-130
39 Ethanol	50.000	60.258	120.52	60-140
44 Freon 113	50.000	54.615	109.23	70-130
45 1,1-Dichloroethene	50.000	59.553	119.11	70-130
46 Acetone	50.000	57.555	115.11	60-140
49 Carbon Disulfide	50.000	50.117	100.23	60-140
47 2-Propanol	50.000	64.306	128.61	60-140
56 Methylene Chloride	50.000	57.824	115.65	70-130
60 MTBE	50.000	65.596	131.19	60-140
61 trans-1,2-Dichloro	50.000	57.367	114.73	60-140
65 Hexane	50.000	58.378	116.76	60-140
70 1,1-Dichloroethane	50.000	58.644	117.29	70-130
77 cis-1,2-Dichloroet	50.000	56.403	112.81	70-130
75 2-Butanone	50.000	58.555	117.11	60-140
79 Tetrahydrofuran	50.000	59.155	118.31	60-140
81 Chloroform	50.000	59.991	119.98	70-130
84 Cyclohexane	50.000	56.509	113.02	60-140
83 1,1,1-Trichloroeth	50.000	57.973	115.95	70-130
86 Carbon Tetrachlori	50.000	57.650	115.30	70-130
91 Benzene	50.000	54.926	109.85	70-130
93 1,2-Dichloroethane	50.000	62.031	124.06	70-130
94 Heptane	50.000	57.230	114.46	60-140
100 Trichloroethene	50.000	56.469	112.94	70-130
104 1,2-Dichloropropan	50.000	58.248	116.50	70-130
106 1,4-Dioxane	50.000	52.740	105.48	60-140
108 Bromodichlorometha	50.000	59.985	119.97	60-140

SPIKE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
111 cis-1,3-Dichloropr	50.000	54.696	109.39	70-130
112 4-Methyl-2-pentano	50.000	64.378	128.76	60-140
115 Toluene	50.000	54.120	108.24	70-130
116 trans-1,3-Dichloro	50.000	60.354	120.71	70-130
118 1,1,2-Trichloroeth	50.000	55.528	111.06	70-130
119 Tetrachloroethene	50.000	56.009	112.02	70-130
120 2-Hexanone	50.000	59.440	118.88	60-140
123 Dibromochlorometha	50.000	59.347	118.69	60-140
124 1,2-Dibromoethane	50.000	57.214	114.43	70-130
126 Chlorobenzene	50.000	54.251	108.50	70-130
128 Ethyl Benzene	50.000	54.278	108.56	70-130
130 m,p-Xylene	50.000	52.240	104.48	70-130
131 o-Xylene	50.000	53.419	106.84	70-130
132 Styrene	50.000	54.840	109.68	70-130
133 Bromoform	50.000	55.899	111.80	60-140
138 1,1,2,2-Tetrachlor	50.000	50.576	101.15	70-130
144 4-Ethyltoluene	50.000	50.885	101.77	60-140
146 1,3,5-Trimethylben	50.000	53.451	106.90	70-130
150 1,2,4-Trimethylben	50.000	50.781	101.56	70-130
156 1,3-Dichlorobenzen	50.000	49.792	99.58	70-130
157 1,4-Dichlorobenzen	50.000	50.725	101.45	70-130
159 alpha-Chlorotoluen	50.000	51.541	103.08	70-130
162 1,2-Dichlorobenzen	50.000	48.052	96.10	70-130
167 1,2,4-Trichloroben	50.000	48.208	96.42	70-130
168 Hexachlorobutadien	50.000	51.601	103.20	70-130
139 Propylbenzene	50.000	49.110	98.22	60-140
135 Cumene	50.000	44.737	89.47	60-140
51 3-Chloropropene	50.000	51.196	102.39	60-140
89 2,2,4-Trimethylpen	50.000	59.504	119.01	60-140
29 Isopentane	50.000	58.579	117.16	70-130
20 Butane	50.000	62.105	124.21	70-130
102 Methyl Cyclohexane	50.000	59.090	118.18	70-130
12 Propylene	50.000	58.382	116.76	60-140
169 Naphthalene	25.000	18.699	74.80	60-140

SURROGATE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
$ 90 1,2-Dichloroethane	25.000	27.765	111.06	70-130
$ 113 Toluene-d8	25.000	25.384	101.54	70-130
$ 137 Bromofluorobenzene	25.000	24.739	98.96	70-130

Air Toxics Ltd.

AMBIENT AIR METHOD TO14

Data file : /chem/msd1.i/1-09mar.b/1030903.d
Lab Smp Id: LCS-1 Client Smp ID: LCS-1
Inj Date : 09-MAR-2007 09:59
Operator : sjr Inst ID: msd1.i
Smp Info : 50mL #1408-386
Misc Info : 200ppbv-50ppbv
Comment :
Method : /var/chem/msd1.i/1-09mar.b/t14q126d.m
Meth Date : 09-Mar-2007 09:41 sruth Quant Type: ISTD
Cal Date : 08-MAR-2007 10:58 Cal File: 1030804.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2926Spectra.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(PPBV)	(PPBV)	TARGET RANGE	RATIO
* 80 Bromochloromethane					CAS #: 74-97-5		
12.718	12.718 (1.000)	130	261834	25.0000		80.00- 120.00	100.00
12.718	12.718 (1.000)	128	204219			27.97- 127.97	78.00
12.718	12.718 (1.000)	49	1104665			363.87- 463.87	421.90
* 96 1,4-Difluorobenzene					CAS #: 540-36-3		
14.515	14.515 (1.000)	114	1040924	25.0000		80.00- 120.00	100.00
14.515	14.487 (1.000)	88	170658			0.00- 66.40	16.39
* 125 Chlorobenzene-d5					CAS #: 3114-55-4		
19.768	19.768 (1.000)	117	934933	25.0000		80.00- 120.00	100.00
19.768	19.768 (1.000)	82	527115			6.85- 106.85	56.38
$ 90 1,2-Dichloroethane-d4					CAS #: 17060-07-0		
13.796	13.796 (1.085)	65	509679	27.7649	27.765	80.00- 120.00	100.00
13.796	13.796 (1.085)	67	260252			0.62- 100.62	51.06
$ 113 Toluene-d8					CAS #: 2037-26-5		
17.142	17.142 (1.181)	98	1041684	25.3842	25.384	80.00- 120.00	100.00
17.142	17.142 (1.181)	70	121959			0.00- 61.35	11.71

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	CONCENTRATIONS FINAL (PPBV)	TARGET RANGE	RATIO
$ 113 Toluene-d8 (continued)							
17.142	17.142 (1.181)	100	717877			19.43- 119.43	68.92
$ 137 Bromofluorobenzene					CAS #: 460-00-4		
21.870	21.870 (1.106)	174	578858	24.7392	24.739	80.00- 120.00	100.00
21.870	21.870 (1.106)	95	869588			97.98- 197.98	150.22
21.870	21.870 (1.106)	176	564358			45.20- 145.20	97.50
15 Dichlorodifluoromethane/Fr12					CAS #: 75-71-8		
4.893	4.893 (0.385)	85	2468949	55.3506	55.350	80.00- 120.00	100.00
4.893	4.893 (0.385)	87	789157			0.00- 81.56	31.96
18 Freon 114					CAS #: 76-14-2		
5.225	5.252 (0.411)	135	1460822	54.0868	54.087	80.00- 120.00	100.00
5.225	5.252 (0.411)	137	455171			0.00- 82.15	31.16
19 Chloromethane					CAS #: 74-87-3		
5.446	5.473 (0.428)	50	1457700	61.4524	61.452	80.00- 120.00	100.00
5.446	5.473 (0.428)	52	434405			0.00- 83.46	29.80
22 Vinyl Chloride					CAS #: 75-01-4		
5.805	5.805 (0.456)	62	1128316	55.1477	55.148	80.00- 120.00	100.00
5.805	5.805 (0.456)	64	336933			0.00- 84.58	29.86
23 1,3-Butadiene					CAS #: 106-99-0		
5.861	5.861 (0.461)	54	1025655	67.8807	67.881	80.00- 120.00	100.00
5.833	5.861 (0.459)	39	1258245			73.02- 173.02	122.68
27 Bromomethane					CAS #: 74-83-9		
6.773	6.801 (0.533)	94	795262	55.9654	55.965	80.00- 120.00	100.00
6.773	6.801 (0.533)	96	748729			44.50- 144.50	94.15
30 Chloroethane					CAS #: 75-00-3		
7.050	7.049 (0.554)	64	515388	50.1146	50.115	80.00- 120.00	100.00
7.050	7.049 (0.554)	49	237638			0.00- 87.81	46.11
7.050	7.049 (0.554)	66	157485			0.00- 78.40	30.56
32 Trichlorofluoromethane/Fr11					CAS #: 75-69-4		
7.603	7.602 (0.598)	101	2326155	56.4201	56.420	80.00- 120.00	100.00
7.603	7.602 (0.598)	103	1511188			14.40- 114.40	64.97
39 Ethanol					CAS #: 64-17-5		
8.073	8.100 (0.635)	45	604875	60.2576	60.258	80.00- 120.00	100.00
8.073	8.100 (0.635)	43	139512			0.00- 71.11	23.06
8.073	8.100 (0.635)	46	231983			0.00- 84.12	38.35

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
44 Freon 113					CAS #: 76-13-1		
8.791	8.791 (0.691)	151	1252254	54.6151	54.615	80.00- 120.00	100.00
8.791	8.791 (0.691)	153	797531			13.44- 113.44	63.69
8.791	8.791 (0.691)	101	1708901			85.25- 185.25	136.47
45 1,1-Dichloroethene					CAS #: 75-35-4		
8.874	8.874 (0.698)	61	1973382	59.5531	59.553	80.00- 120.00	100.00
8.874	8.874 (0.698)	96	863152			0.00- 93.56	43.74
8.874	8.874 (0.698)	98	545699			0.00- 77.77	27.65
46 Acetone					CAS #: 67-64-1		
9.040	9.040 (0.711)	58	578688	57.5550	57.555	80.00- 120.00	100.00
9.040	9.040 (0.711)	43	2664442			367.91- 467.91	460.43
47 2-Propanol					CAS #: 67-63-0		
9.206	9.234 (0.724)	45	2888319	64.3057	64.306	80.00- 120.00	100.00
9.206	9.234 (0.724)	43	590419			0.00- 71.57	20.44
9.234	9.234 (0.726)	59	80851			0.00- 53.29	2.80
49 Carbon Disulfide					CAS #: 75-15-0		
9.372	9.372 (0.737)	76	2417342	50.1170	50.117	80.00- 120.00	100.00
51 3-Chloropropene					CAS #: 107-05-1		
9.649	9.676 (0.759)	76	358755	51.1961	51.196	80.00- 120.00	100.00
9.649	9.649 (0.759)	41	2104541			464.51- 564.51	586.62
56 Methylene Chloride					CAS #: 75-09-2		
9.953	9.953 (0.783)	49	1889282	57.8237	57.824	80.00- 120.00	100.00
9.953	9.953 (0.783)	84	722363			0.00- 87.13	38.23
9.953	9.953 (0.783)	51	552221			0.00- 82.62	29.23
60 MTBE					CAS #: 1634-04-4		
10.312	10.312 (0.811)	73	1897957	65.5958	65.596	80.00- 120.00	100.00
10.312	10.312 (0.811)	57	611903			0.00- 82.31	32.24
10.312	10.312 (0.811)	41	785679			0.00- 89.80	41.40
61 trans-1,2-Dichloroethene					CAS #: 156-60-5		
10.395	10.395 (0.817)	96	905671	57.3671	57.367	80.00- 120.00	100.00
10.395	10.395 (0.817)	61	1754930			143.00- 243.00	193.77
10.395	10.395 (0.817)	98	565319			10.41- 110.41	62.42
65 Hexane					CAS #: 110-54-3		
10.755	10.755 (0.846)	57	1914987	58.3785	58.378	80.00- 120.00	100.00
10.755	10.755 (0.846)	43	1609393			27.06- 127.06	84.04
10.755	10.755 (0.846)	86	187432			0.00- 60.38	9.79

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
70 1,1-Dichloroethane					CAS #: 75-34-3		
11.225	11.225 (0.883)	63	2018644	58.6438	58.644	80.00- 120.00	100.00
11.225	11.225 (0.883)	65	591063			0.00- 79.93	29.28
75 2-Butanone					CAS #: 78-93-3		
12.275	12.275 (0.965)	72	390182	58.5548	58.555	80.00- 120.00	100.00
12.248	12.248 (0.963)	43	3337956			825.66- 925.66	855.49
12.248	12.248 (0.963)	57	194720			0.00- 97.36	49.90
77 cis-1,2-Dichloroethene					CAS #: 156-59-2		
12.275	12.275 (0.965)	61	1569060	56.4026	56.403	80.00- 120.00	100.00
12.275	12.275 (0.965)	96	877440			4.21- 104.21	55.92
12.275	12.275 (0.965)	98	555844			0.00- 84.80	35.43
79 Tetrahydrofuran					CAS #: 109-99-9		
12.718	12.718 (1.000)	42	1845451	59.1555	59.155	80.00- 120.00	100.00
12.718	12.718 (1.000)	71	368380			0.00- 69.46	19.96
12.718	12.718 (1.000)	72	392822			0.00- 75.03	21.29
81 Chloroform					CAS #: 67-66-3		
12.801	12.801 (1.007)	83	1771319	59.9911	59.991	80.00- 120.00	100.00
12.801	12.801 (1.007)	85	1130608			13.74- 113.74	63.83
83 1,1,1-Trichloroethane					CAS #: 71-55-6		
13.132	13.160 (1.033)	97	1833300	57.9730	57.973	80.00- 120.00	100.00
13.132	13.132 (1.033)	99	1177171			14.28- 114.28	64.21
84 Cyclohexane					CAS #: 110-82-7		
13.160	13.160 (1.035)	84	1076193	56.5087	56.509	80.00- 120.00	100.00
13.160	13.160 (1.035)	56	1952855			138.61- 238.61	181.46
13.160	13.160 (1.035)	41	1465540			91.17- 191.17	136.18
86 Carbon Tetrachloride					CAS #: 56-23-5		
13.409	13.409 (1.054)	119	1725595	57.6495	57.650	80.00- 120.00	100.00
13.409	13.409 (1.054)	117	1779907			52.77- 152.77	103.15
89 2,2,4-Trimethylpentane					CAS #: 540-84-1		
13.768	13.768 (1.083)	57	5812741	59.5043	59.504	80.00- 120.00	100.00
13.768	13.768 (1.083)	56	2023157			0.00- 85.19	34.81
13.768	13.768 (1.083)	41	2061305			0.00- 84.57	35.46
91 Benzene					CAS #: 71-43-2		
13.824	13.824 (0.952)	78	2407585	54.9261	54.926	80.00- 120.00	100.00
13.824	13.824 (0.952)	77	506046			0.00- 73.17	21.02
93 1,2-Dichloroethane					CAS #: 107-06-2		
13.962	13.962 (0.962)	62	1615716	62.0312	62.031	80.00- 120.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	CONCENTRATIONS FINAL (PPBV)	TARGET RANGE	RATIO
93 1,2-Dichloroethane (continued)							
13.962	13.962 (0.962)	64	486235			0.00- 84.01	30.09
94 Heptane					CAS #: 142-82-5		
14.072	14.072 (0.970)	71	757090	57.2306	57.230	80.00- 120.00	100.00
14.045	14.072 (0.968)	43	2809302			258.41- 358.41	371.07
14.072	14.072 (0.970)	57	1113317			87.56- 187.56	147.05
100 Trichloroethene					CAS #: 79-01-6		
14.985	14.985 (1.032)	95	998890	56.4690	56.469	80.00- 120.00	100.00
14.985	14.985 (1.032)	130	928729			42.81- 142.81	92.98
14.985	14.985 (1.032)	97	637167			14.71- 114.71	63.79
104 1,2-Dichloropropane					CAS #: 78-87-5		
15.455	15.455 (1.065)	63	1056016	58.2482	58.248	80.00- 120.00	100.00
15.455	15.455 (1.065)	62	802665			25.60- 125.60	76.01
15.455	15.455 (1.065)	41	1061892			53.39- 153.39	100.56
106 1,4-Dioxane					CAS #: 123-91-1		
15.593	15.593 (1.074)	88	540741	52.7403	52.740	80.00- 120.00	100.00
15.593	15.593 (1.074)	58	516246			47.61- 147.61	95.47
15.593	15.593 (1.074)	57	192468			0.00- 82.05	35.59
108 Bromodichloromethane					CAS #: 75-27-4		
15.897	15.897 (1.095)	83	1716525	59.9854	59.985	80.00- 120.00	100.00
15.897	15.897 (1.095)	85	1086781			14.18- 114.18	63.31
111 cis-1,3-Dichloropropene					CAS #: 10061-01-5		
16.699	16.699 (1.150)	75	1288150	54.6956	54.696	80.00- 120.00	100.00
16.699	16.699 (1.150)	77	407735			0.00- 80.85	31.65
16.699	16.699 (1.150)	39	1430701			66.39- 166.39	111.07
112 4-Methyl-2-pentanone					CAS #: 108-10-1		
16.893	16.893 (1.164)	58	1075121	64.3782	64.378	80.00- 120.00	100.00
16.893	16.893 (1.164)	43	3670428			266.86- 366.86	341.40
16.920	16.920 (1.166)	85	305951			0.00- 81.73	28.46
115 Toluene					CAS #: 108-88-3		
17.252	17.252 (1.189)	91	2665783	54.1199	54.120	80.00- 120.00	100.00
17.252	17.252 (1.189)	92	1717360			13.82- 113.82	64.42
116 trans-1,3-Dichloropropene					CAS #: 10061-02-6		
17.695	17.695 (0.895)	75	1351434	60.3537	60.354	80.00- 120.00	100.00
17.695	17.695 (0.895)	77	433815			0.00- 81.91	32.10
17.695	17.695 (0.895)	39	1435204			58.69- 158.69	106.20

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
118 1,1,2-Trichloroethane					CAS #: 79-00-5		
18.054	18.054 (0.913)	97	975929	55.5281	55.528	80.00- 120.00	100.00
18.054	18.054 (0.913)	99	597447			11.35- 111.35	61.22
18.054	18.054 (0.913)	83	796280			32.16- 132.16	81.59
119 Tetrachloroethene					CAS #: 127-18-4		
18.220	18.220 (0.922)	166	1131151	56.0093	56.009	80.00- 120.00	100.00
18.220	18.220 (0.922)	129	902479			29.35- 129.35	79.78
18.220	18.220 (0.922)	131	868091			26.76- 126.76	76.74
120 2-Hexanone					CAS #: 591-78-6		
18.386	18.386 (0.930)	58	1436488	59.4405	59.440	80.00- 120.00	100.00
18.386	18.386 (0.930)	43	3584579			207.87- 307.87	249.54
18.386	18.386 (0.930)	100	171963			0.00- 63.33	11.97
123 Dibromochloromethane					CAS #: 124-48-1		
18.745	18.745 (0.948)	129	1657775	59.3466	59.347	80.00- 120.00	100.00
18.745	18.745 (0.948)	127	1289933			28.74- 128.74	77.81
124 1,2-Dibromoethane					CAS #: 106-93-4		
19.022	19.022 (0.962)	107	1483778	57.2141	57.214	80.00- 120.00	100.00
19.022	19.022 (0.962)	109	1398695			44.34- 144.34	94.27
126 Chlorobenzene					CAS #: 108-90-7		
19.824	19.824 (1.003)	112	2173881	54.2507	54.251	80.00- 120.00	100.00
19.824	19.824 (1.003)	114	698236			0.00- 81.56	32.12
19.824	19.824 (1.003)	77	1288516			9.40- 109.40	59.27
128 Ethyl Benzene					CAS #: 100-41-4		
19.934	19.934 (1.008)	106	1155423	54.2778	54.278	80.00- 120.00	100.00
19.934	19.934 (1.008)	91	3689046			278.01- 378.01	319.28
130 m,p-Xylene					CAS #: 108-38-3		
20.128	20.128 (1.018)	106	1487500	52.2399	52.240	80.00- 120.00	100.00
20.128	20.128 (1.018)	91	2988620			160.43- 260.43	200.92
131 o-Xylene					CAS #: 95-47-6		
20.874	20.874 (1.056)	106	1459578	53.4187	53.419	80.00- 120.00	100.00
20.874	20.874 (1.056)	91	3057923			160.99- 260.99	209.51
132 Styrene					CAS #: 100-42-5		
20.902	20.902 (1.057)	104	2263070	54.8399	54.840	80.00- 120.00	100.00
20.902	20.902 (1.057)	78	1195944			4.03- 104.03	52.85
133 Bromoform					CAS #: 75-25-2		
21.317	21.317 (1.078)	173	1522381	55.8986	55.899	80.00- 120.00	100.00

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
133 Bromoform (continued)							
21.317	21.317 (1.078)	171	769084			2.18- 102.18	50.52
135 Cumene					CAS #: 98-82-8		
21.483	21.482 (1.087)	105	4171679	44.7374	44.737	80.00- 120.00	100.00
21.483	21.482 (1.087)	120	1107123			0.00- 74.93	26.54
21.483	21.482 (1.087)	51	749961			0.00- 67.07	17.98
138 1,1,2,2-Tetrachloroethane					CAS #: 79-34-5		
22.091	22.091 (1.117)	83	2238287	50.5758	50.576	80.00- 120.00	100.00
22.091	22.091 (1.117)	85	1457959			14.40- 114.40	65.14
139 Propylbenzene					CAS #: 103-65-1		
22.229	22.229 (1.124)	91	5363815	49.1101	49.110	80.00- 120.00	100.00
22.229	22.229 (1.124)	120	1179530			0.00- 72.02	21.99
22.229	22.229 (1.124)	105	198960			0.00- 54.30	3.71
144 4-Ethyltoluene					CAS #: 622-96-8		
22.423	22.423 (1.134)	105	4460740	50.8847	50.885	80.00- 120.00	100.00
22.423	22.423 (1.134)	120	1370815			0.00- 80.46	30.73
146 1,3,5-Trimethylbenzene					CAS #: 108-67-8		
22.533	22.533 (1.140)	105	3571418	53.4514	53.451	80.00- 120.00	100.00
22.533	22.533 (1.140)	120	1801539			0.00- 99.69	50.44
150 1,2,4-Trimethylbenzene					CAS #: 95-63-6		
23.224	23.224 (1.175)	105	3485165	50.7810	50.781	80.00- 120.00	100.00
23.224	23.224 (1.175)	120	1656562			0.00- 97.68	47.53
156 1,3-Dichlorobenzene					CAS #: 541-73-1		
23.833	23.833 (1.206)	146	2281925	49.7921	49.792	80.00- 120.00	100.00
23.833	23.833 (1.206)	148	1443689			12.59- 112.59	63.27
23.833	23.833 (1.206)	111	954345			0.00- 90.49	41.82
157 1,4-Dichlorobenzene					CAS #: 106-46-7		
23.999	23.999 (1.214)	146	2305382	50.7247	50.725	80.00- 120.00	100.00
23.999	23.999 (1.214)	148	1468052			15.28- 115.28	63.68
23.999	23.999 (1.214)	111	914055			0.00- 90.12	39.65
159 alpha-Chlorotoluene					CAS #: 100-44-7		
24.220	24.220 (1.225)	91	3798094	51.5406	51.541	80.00- 120.00	100.00
24.247	24.247 (1.227)	126	731414			0.00- 70.00	19.26
162 1,2-Dichlorobenzene					CAS #: 95-50-1		
24.690	24.690 (1.249)	146	2088603	48.0518	48.052	80.00- 120.00	100.00
24.690	24.690 (1.249)	148	1322924			13.02- 113.02	63.34

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	FINAL (PPBV)	TARGET RANGE	RATIO
162 1,2-Dichlorobenzene (continued)							
24.690	24.690 (1.249)	111	904953			0.00- 92.74	43.33
167 1,2,4-Trichlorobenzene					CAS #: 120-82-1		
27.731	27.731 (1.403)	180	753453	48.2079	48.208	80.00- 120.00	100.00
27.731	27.731 (1.403)	182	705894			43.48- 143.48	93.69
168 Hexachlorobutadiene					CAS #: 87-68-3		
27.953	27.952 (1.414)	225	612801	51.6008	51.601	80.00- 120.00	100.00
27.953	27.952 (1.414)	223	392901			16.53- 116.53	64.12
29 Isopentane					CAS #: 78-78-4		
7.077	7.105 (0.556)	43	1842569	58.5793	58.579	80.00- 120.00	100.00
7.077	7.105 (0.556)	57	965733			7.08- 107.08	52.41
20 Butane					CAS #: 106-97-8		
5.695	5.695 (0.448)	58	208000	62.1051	62.105	80.00- 120.00	100.00
5.695	5.695 (0.448)	43	2370175			988.87-1088.87	1139.51
102 Methyl Cyclohexane					CAS #: 108-87-2		
15.261	15.261 (1.200)	83	1367417	59.0898	59.090	80.00- 120.00	100.00
15.261	15.261 (1.200)	98	590834			0.00- 95.08	43.21
15.234	15.234 (1.198)	55	1842744			72.81- 172.81	134.76
12 Propylene					CAS #: 115-07-1		
4.782	4.810 (0.376)	41	1314232	58.3821	58.382	80.00- 120.00	100.00
4.782	4.810 (0.376)	42	926402			20.40- 120.40	70.49
4.782	4.810 (0.376)	39	1028432			28.43- 128.43	78.25
169 Naphthalene					CAS #: 91-20-3		
28.312	28.312 (1.432)	128	747761	18.6989	18.699	80.00- 120.00	100.00
28.340	28.340 (1.434)	127	91726			0.00- 67.34	12.27

Air Toxics Ltd.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: msd1.i
Lab File ID: 1030903.d
Lab Smp Id: LCS-1
Analysis Type: VOA
Quant Type: ISTD
Operator: sjr
Method File: /var/chem/msd1.i/1-09mar.b/t14q126d.m
Misc Info: 200ppbv-50ppbv

Calibration Date: 09-MAR-2007
Calibration Time: 09:22
Client Smp ID: LCS-1
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	253228	151937	354519	261834	3.40
96 1,4-Difluorobenze	1013989	608393	1419585	1040924	2.66
125 Chlorobenzene-d5	901482	540889	1262075	934933	3.71

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
80 Bromochloromethan	12.72	12.39	13.05	12.72	0.00
96 1,4-Difluorobenze	14.51	14.18	14.84	14.51	0.00
125 Chlorobenzene-d5	19.77	19.44	20.10	19.77	0.00

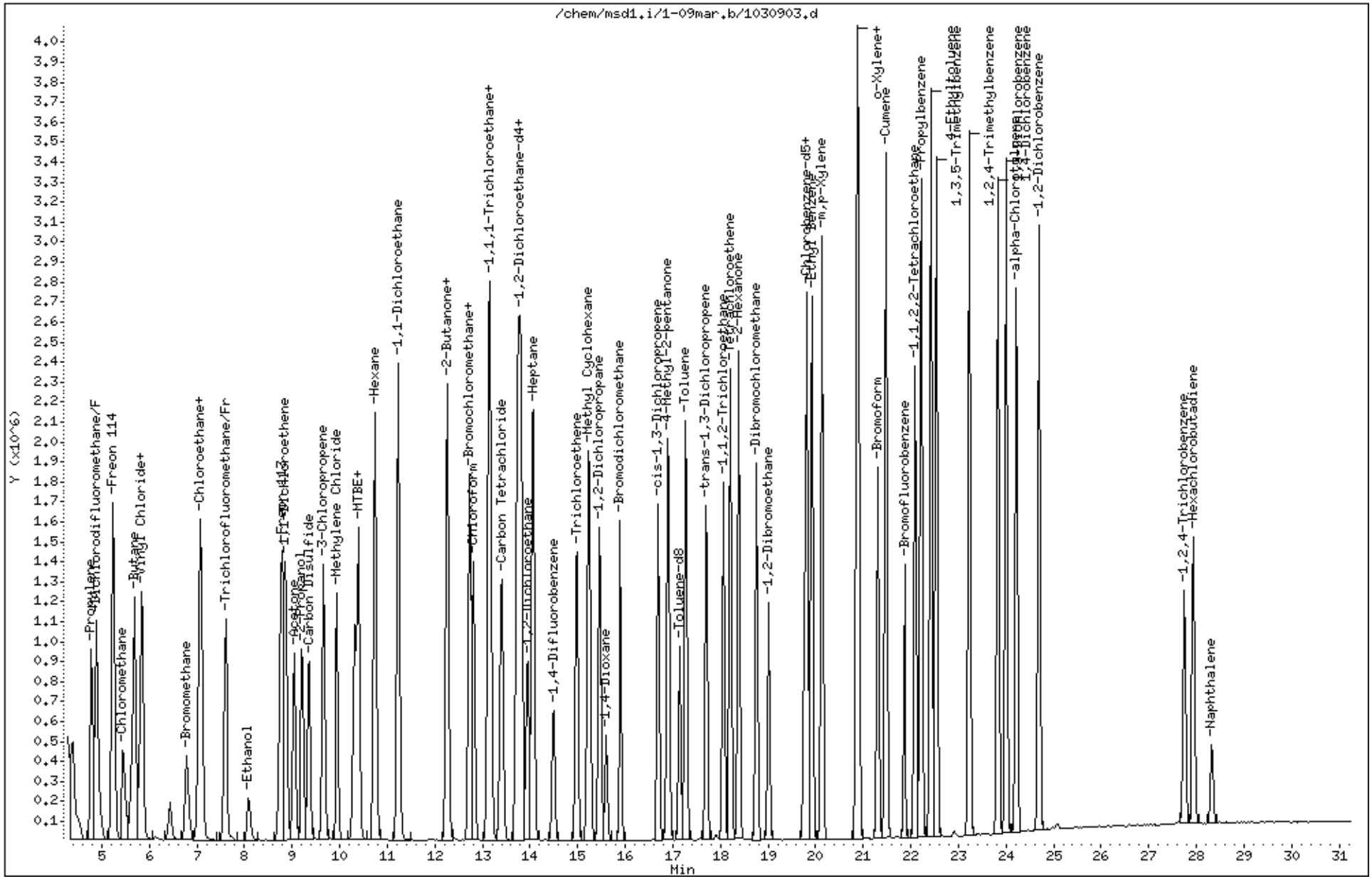
AREA UPPER LIMIT = + 40% of internal standard area.
AREA LOWER LIMIT = - 40% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

0213

Data File: /chem/msd1.i/1-09mar.b/1030903.d
Date : 09-MAR-2007 09:59
Client ID: LCS-1
Sample Info: 50mL #1408-386

Instrument: msd1.i
Operator: sjr
Column diameter: 0.53

Column phase: RTx-624



Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

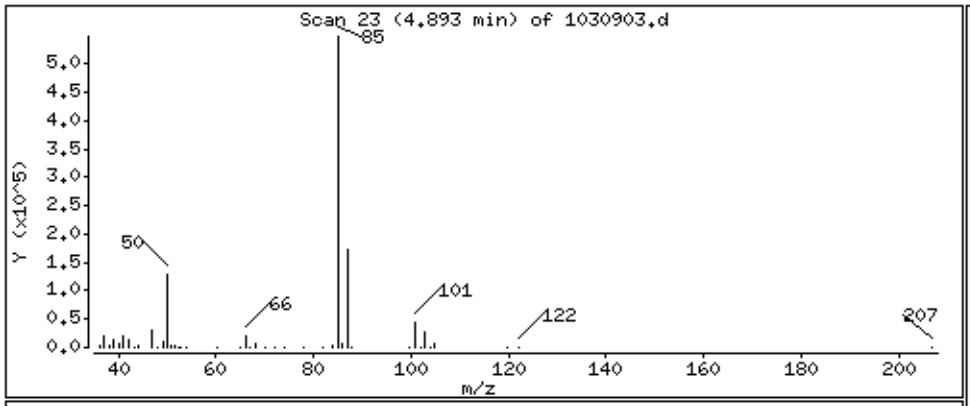
Operator: sjr

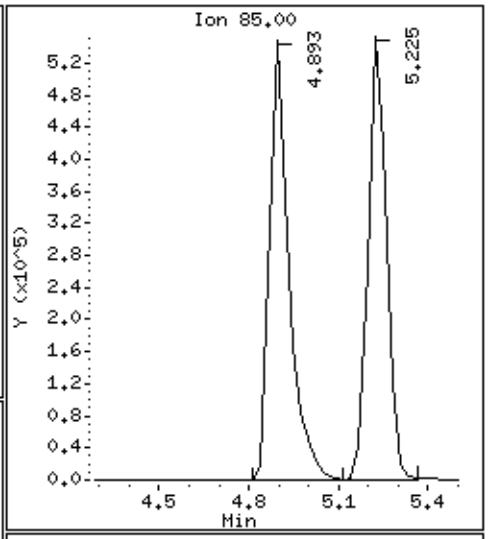
Column phase: RTx-624

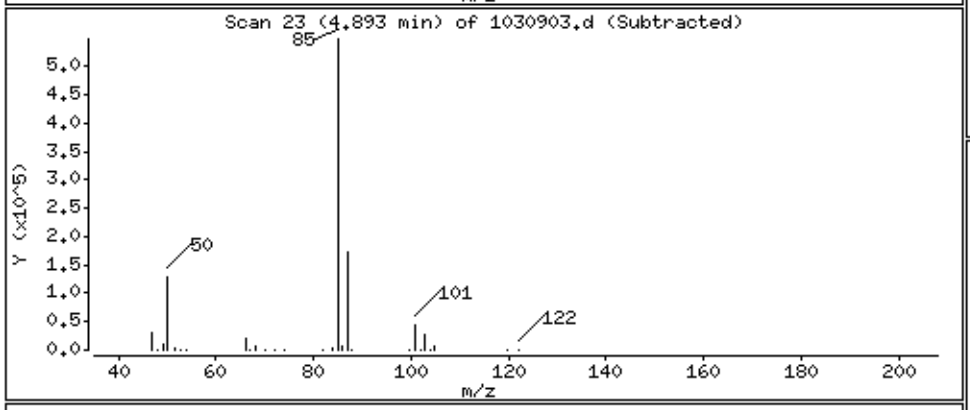
Column diameter: 0.53

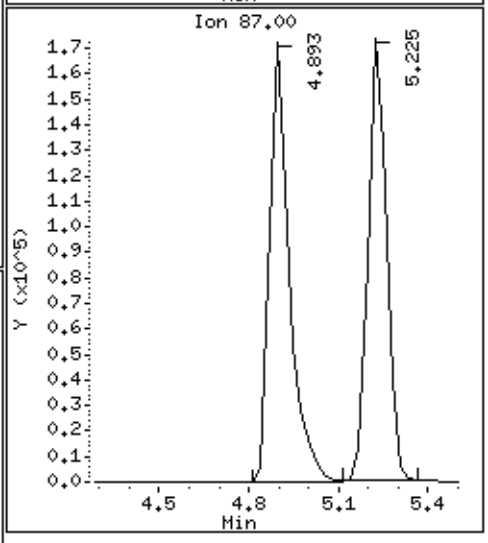
15 Dichlorodifluoromethane/Fr12

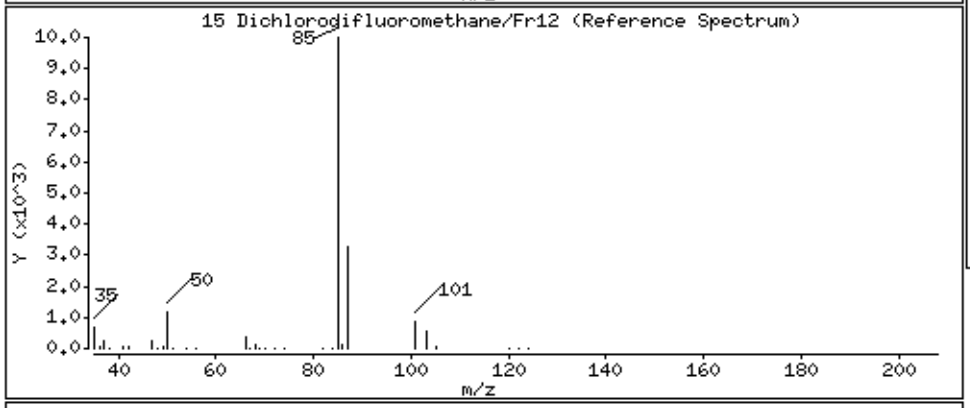
Concentration: 55.350 PPBV

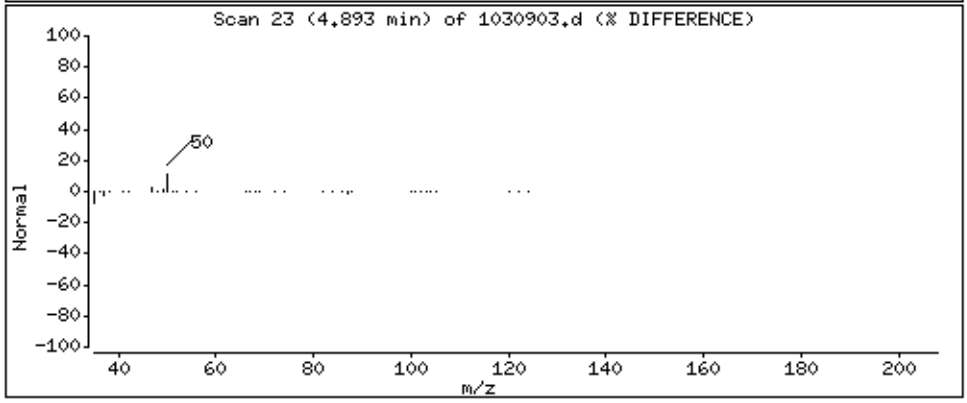












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

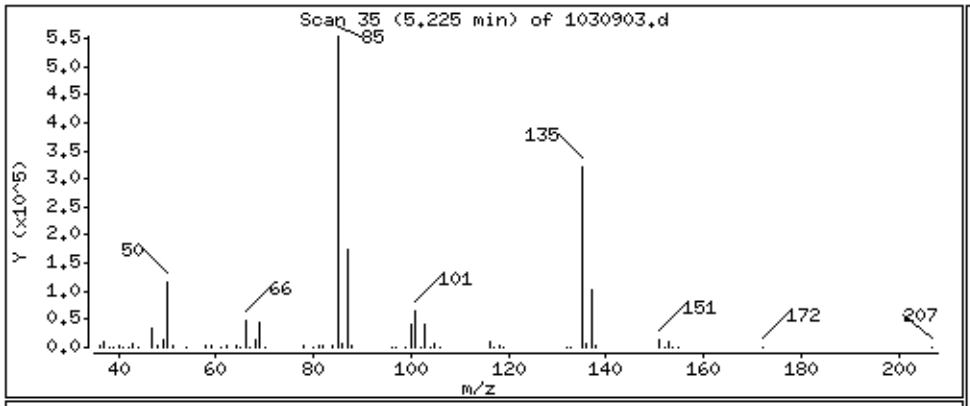
Operator: sjr

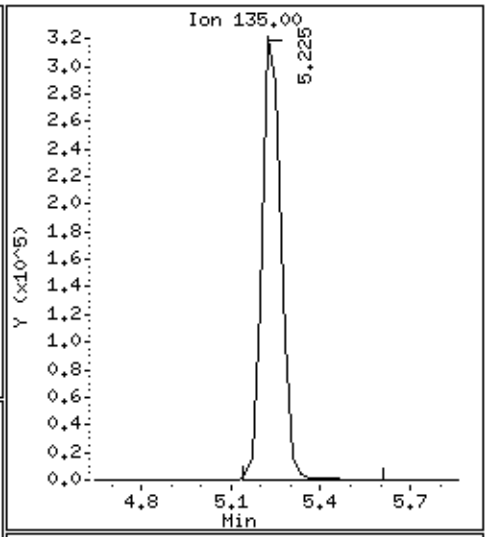
Column phase: RTx-624

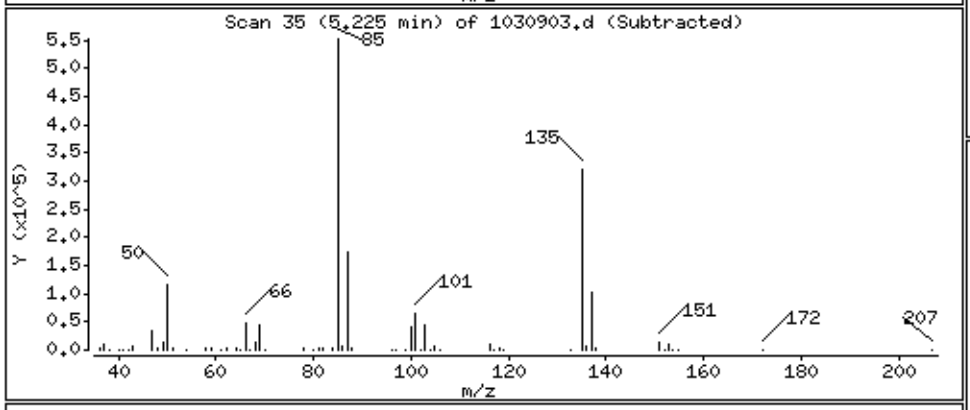
Column diameter: 0.53

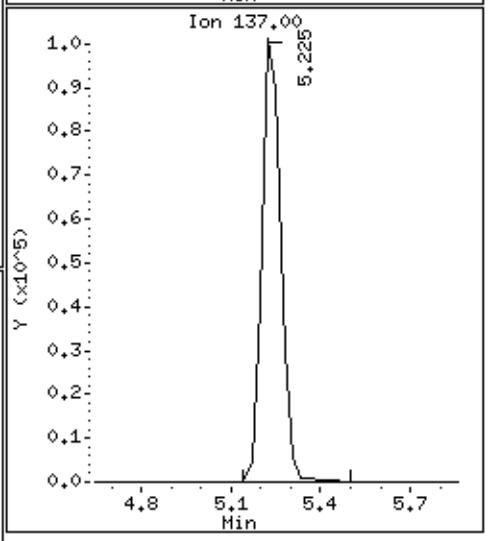
18 Freon 114

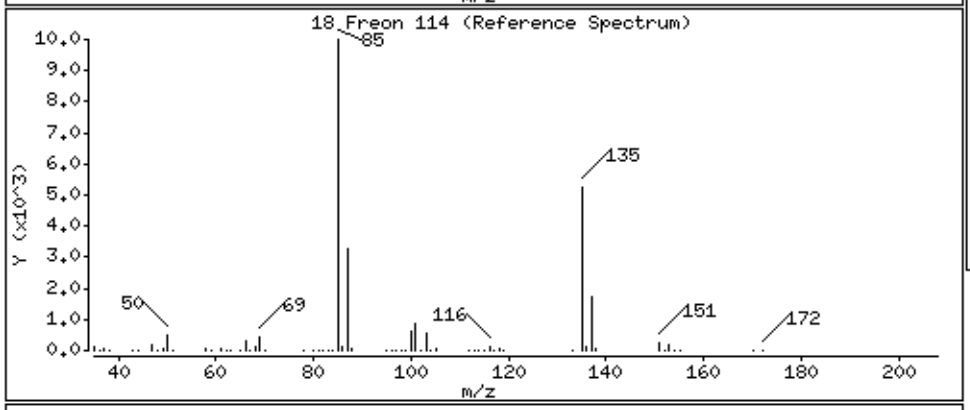
Concentration: 54.087 PPBV

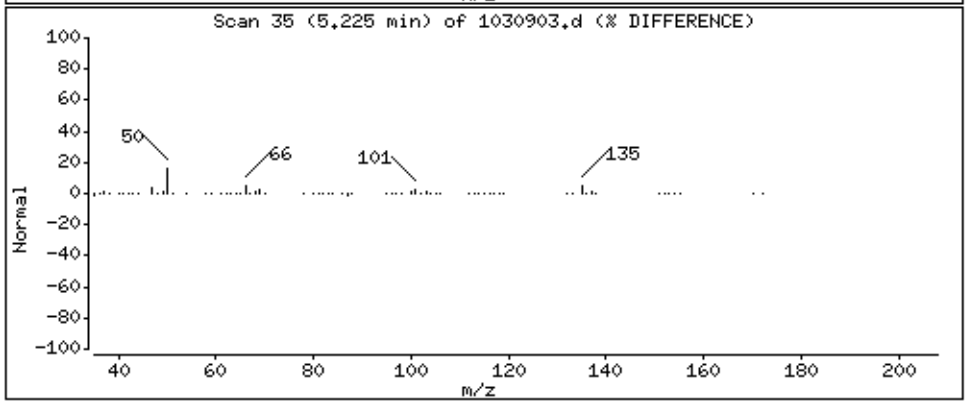












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

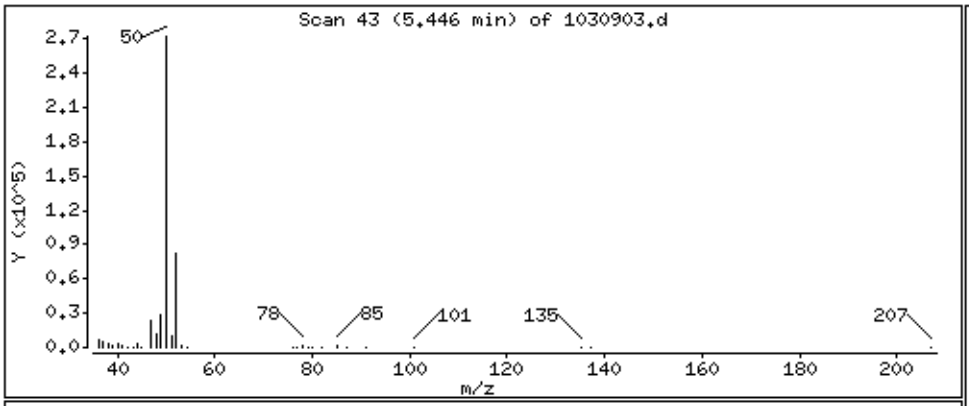
Operator: sjr

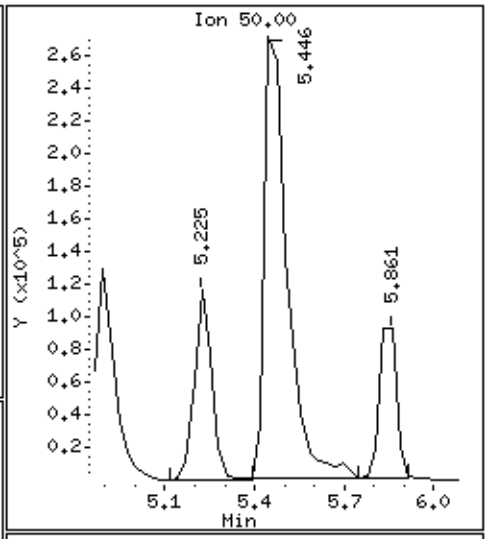
Column phase: RTx-624

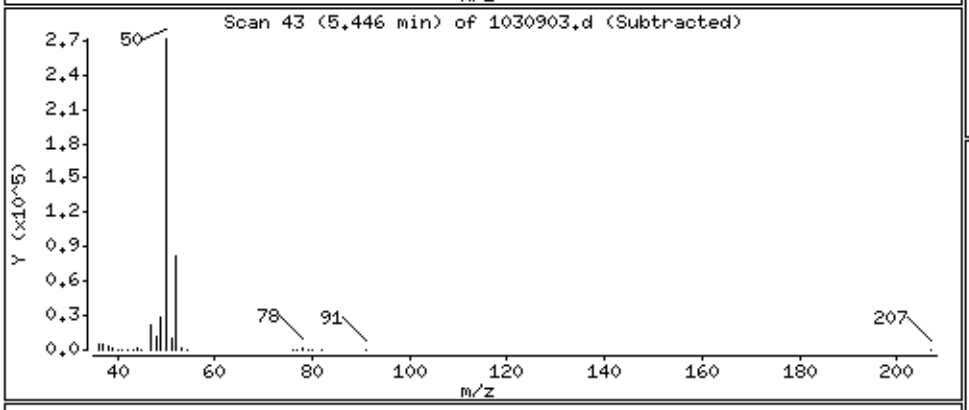
Column diameter: 0.53

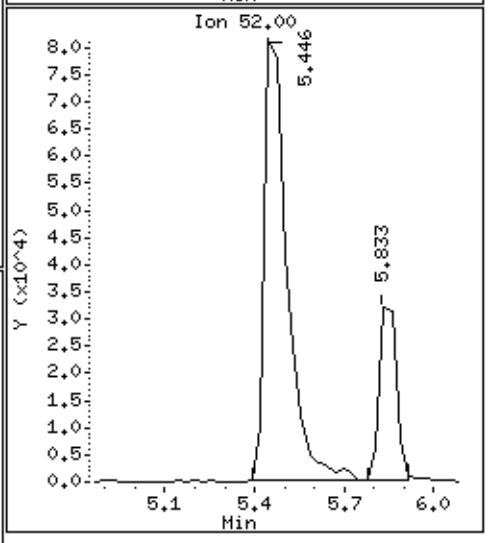
19 Chloromethane

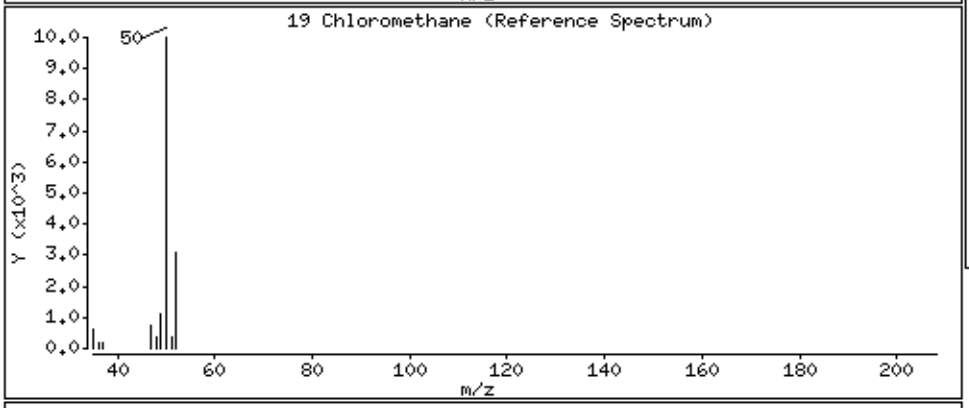
Concentration: 61.452 PPBV

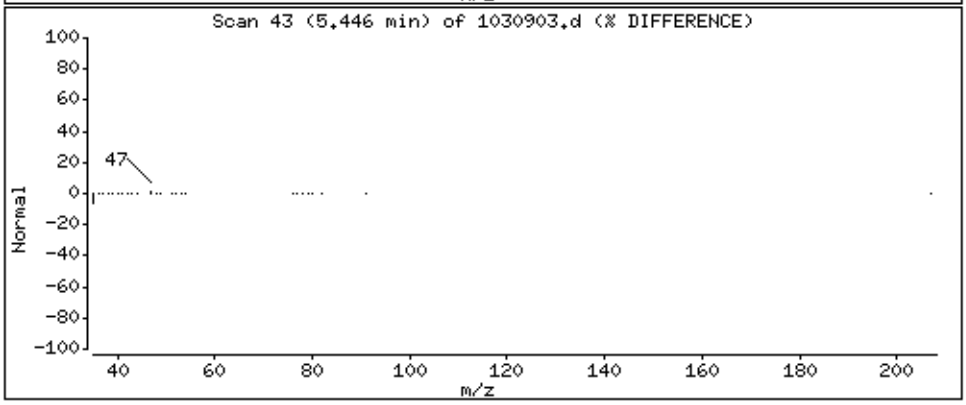












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

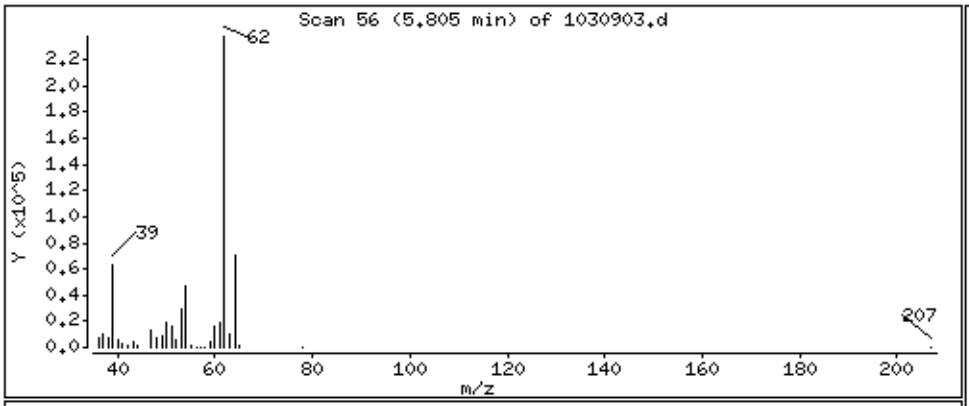
Operator: sjr

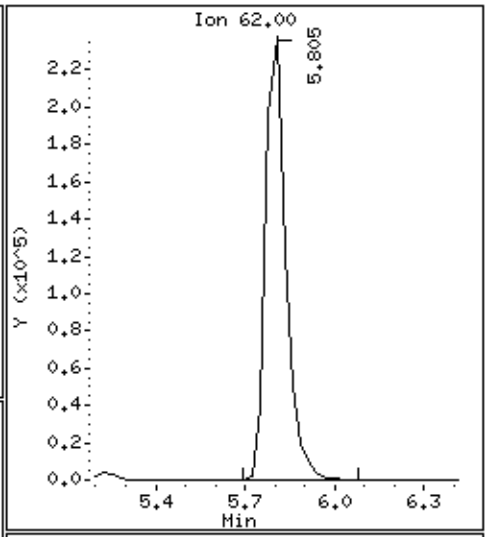
Column phase: RTx-624

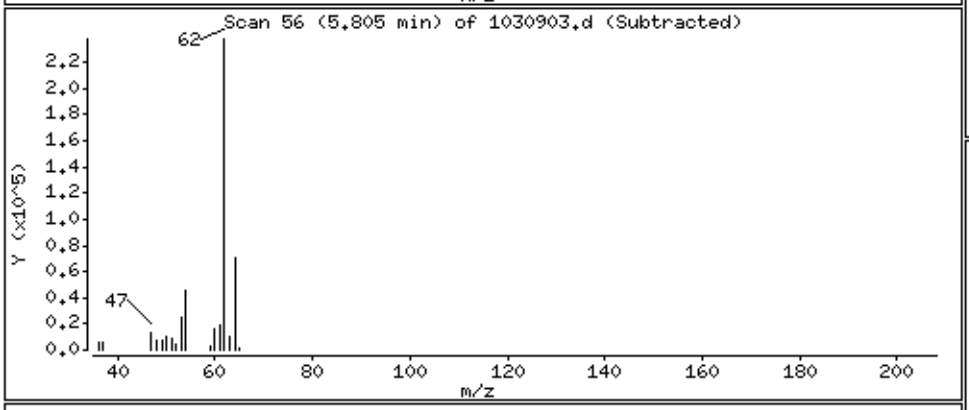
Column diameter: 0.53

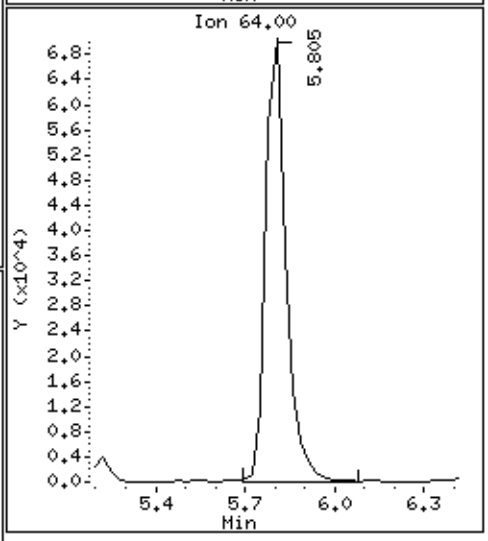
22 Vinyl Chloride

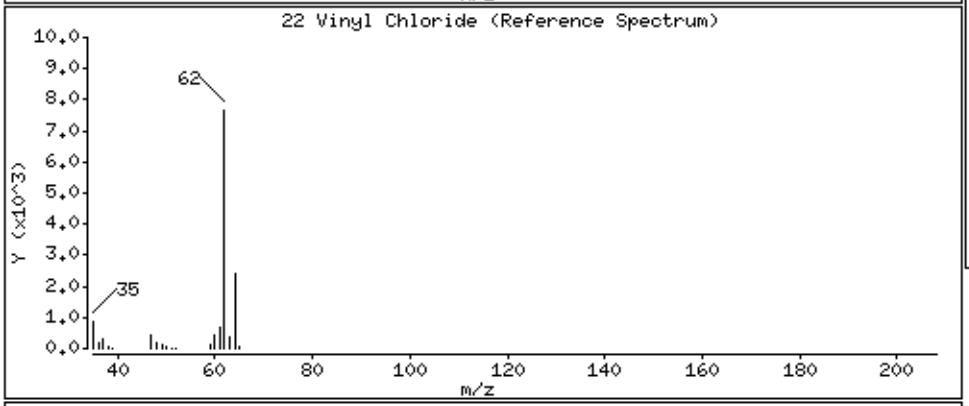
Concentration: 55.148 PPBV

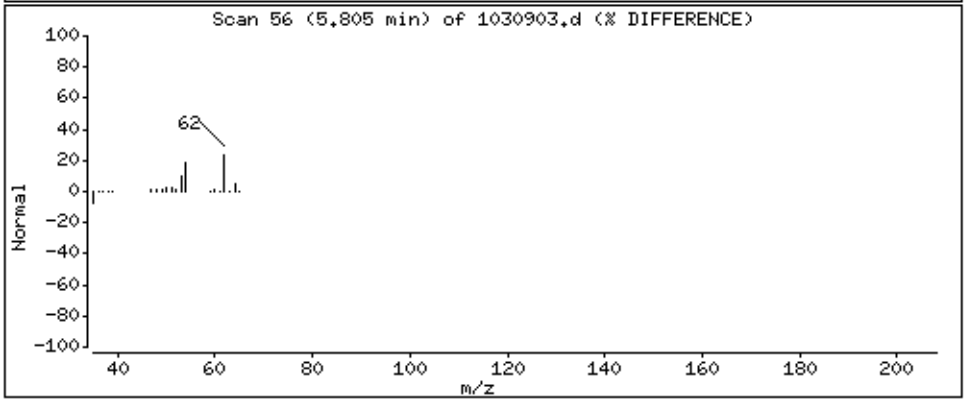












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

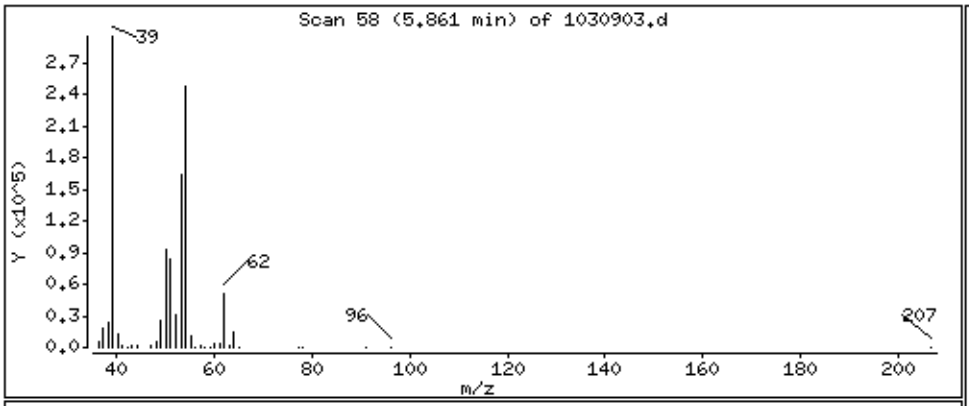
Operator: sjr

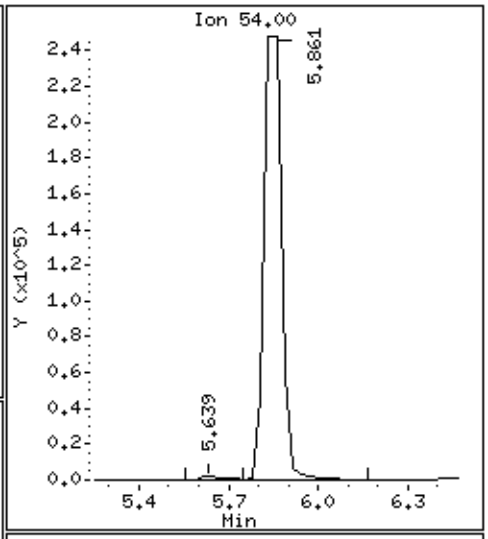
Column phase: RTx-624

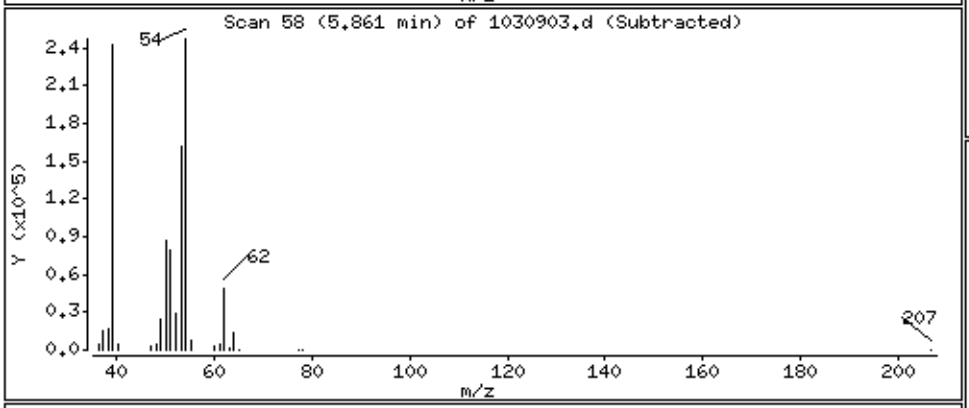
Column diameter: 0.53

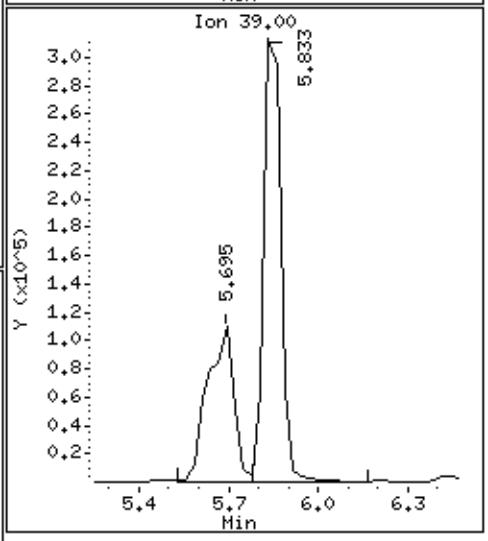
23 1,3-Butadiene

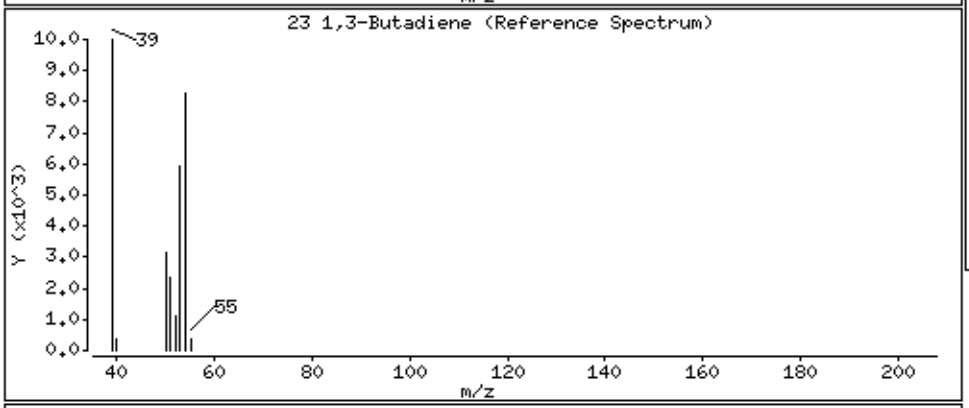
Concentration: 67.881 PPBV

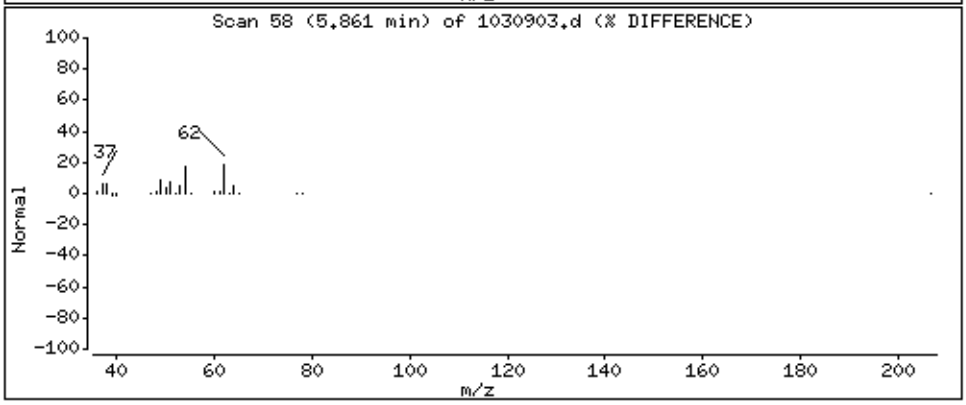












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

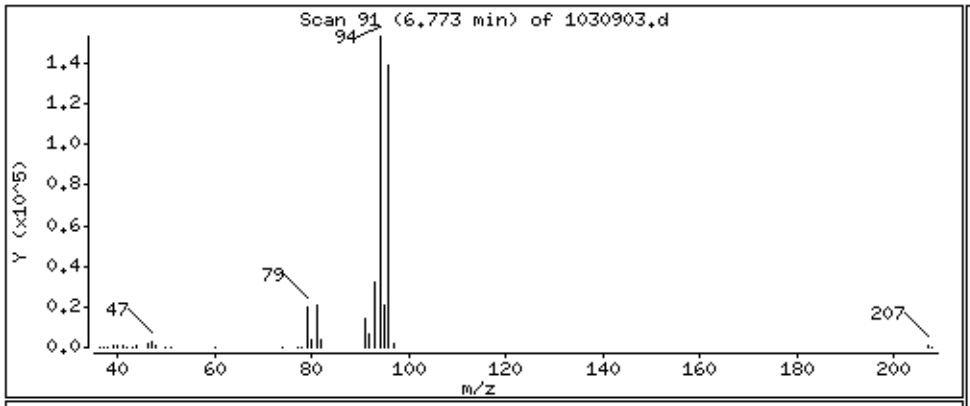
Client ID: LCS-1 Instrument: msd1.i

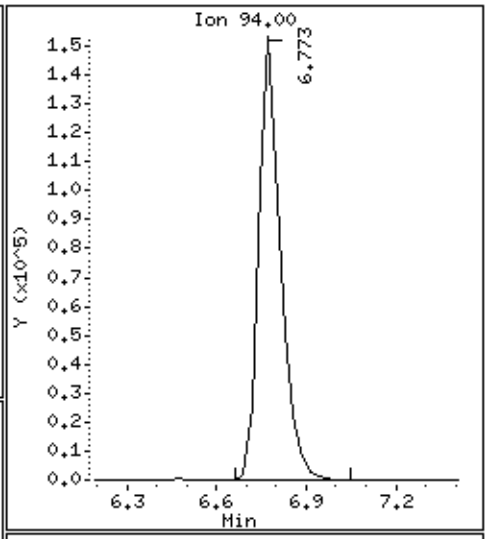
Sample Info: 50mL #1408-386

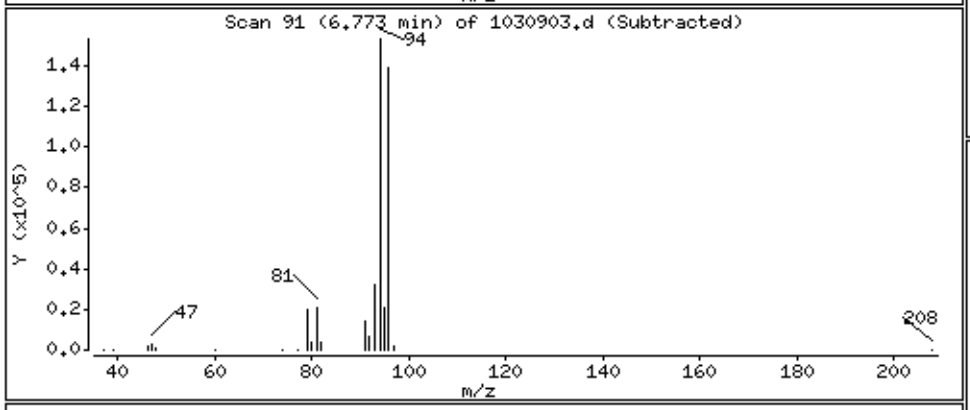
Operator: sjr

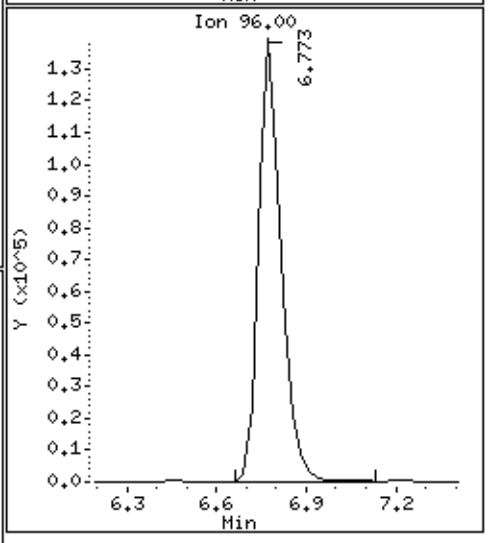
Column phase: RTx-624 Column diameter: 0.53

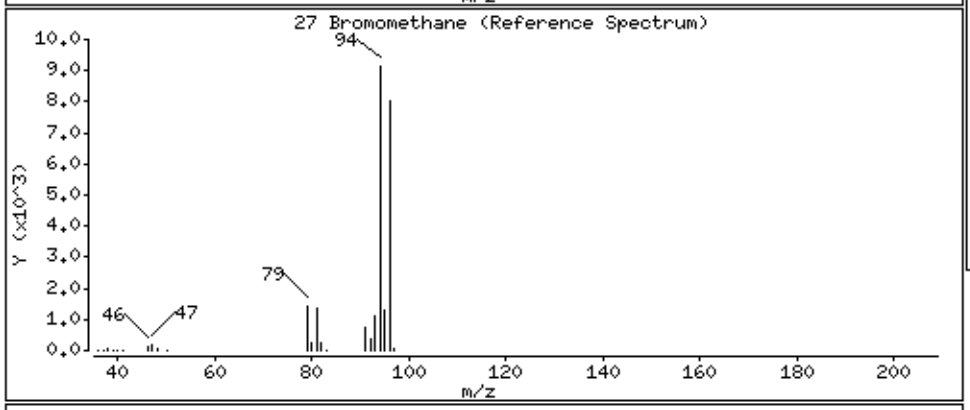
27 Bromomethane Concentration: 55.965 PPBV

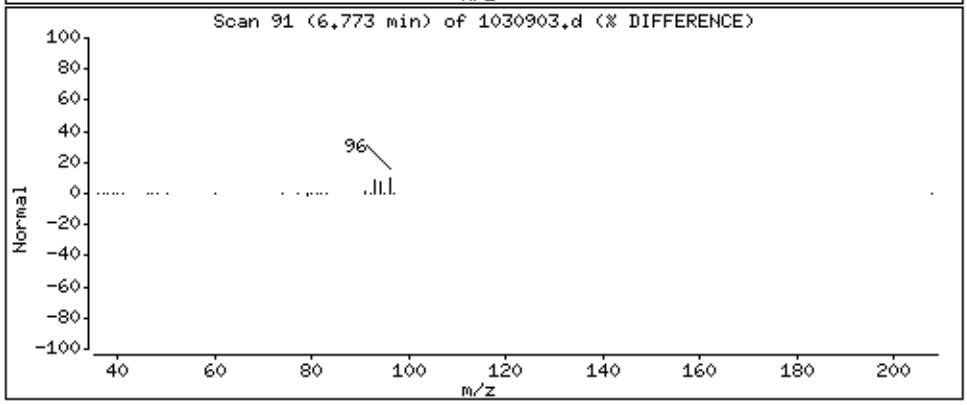












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

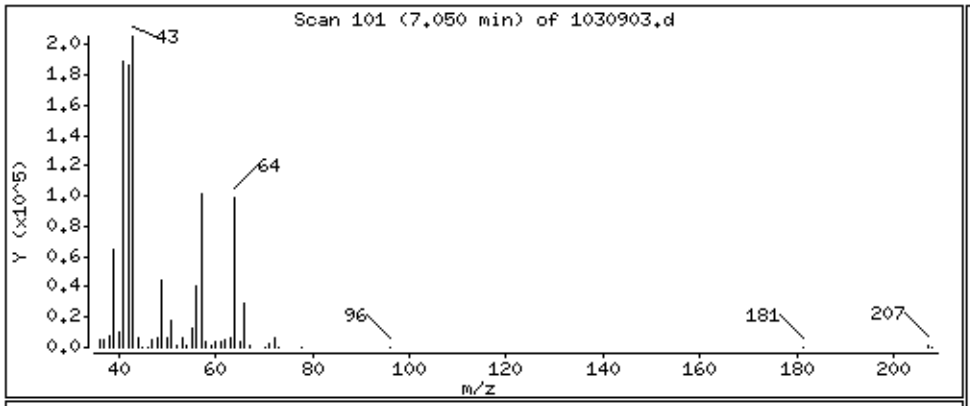
Operator: sjr

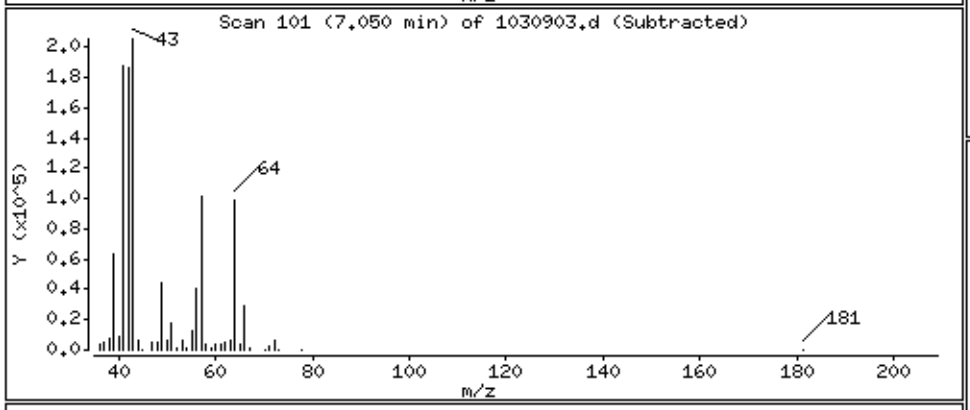
Column phase: RTx-624

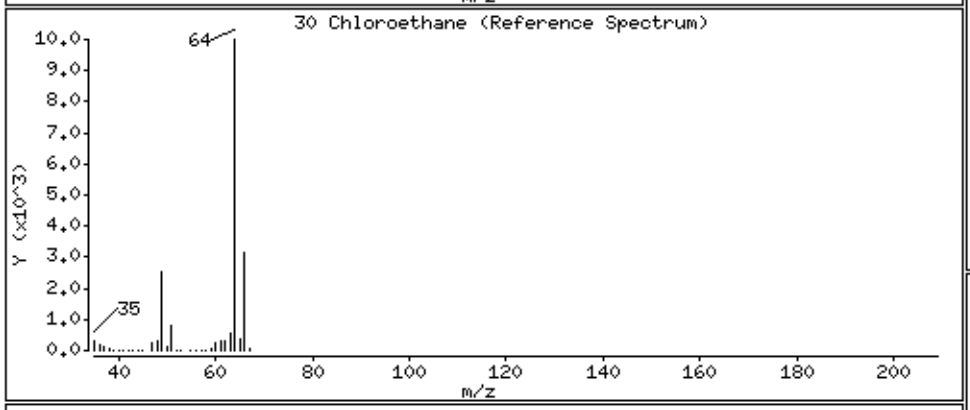
Column diameter: 0.53

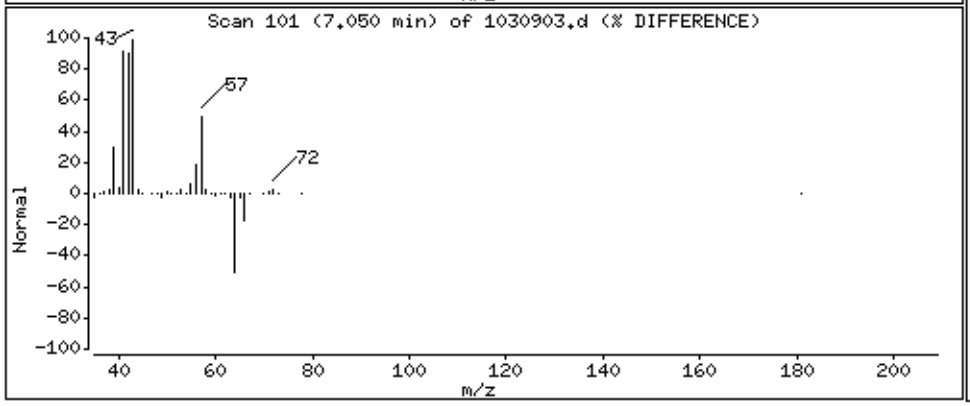
30 Chloroethane

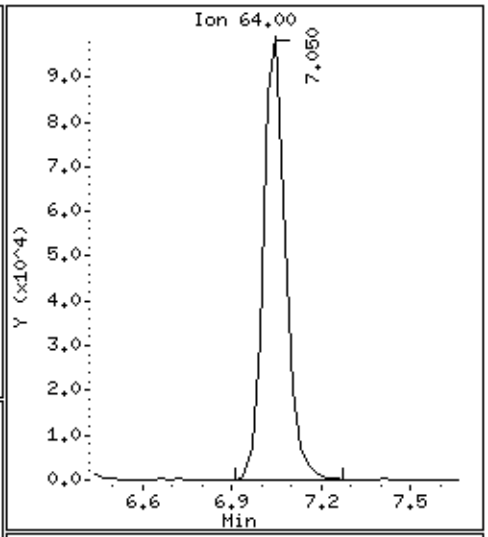
Concentration: 50.115 PPBV

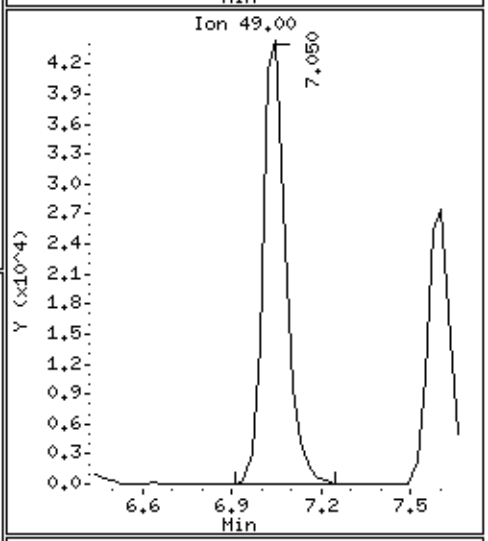


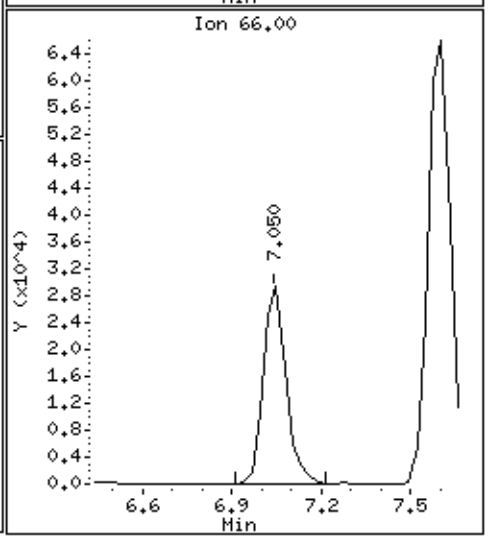












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

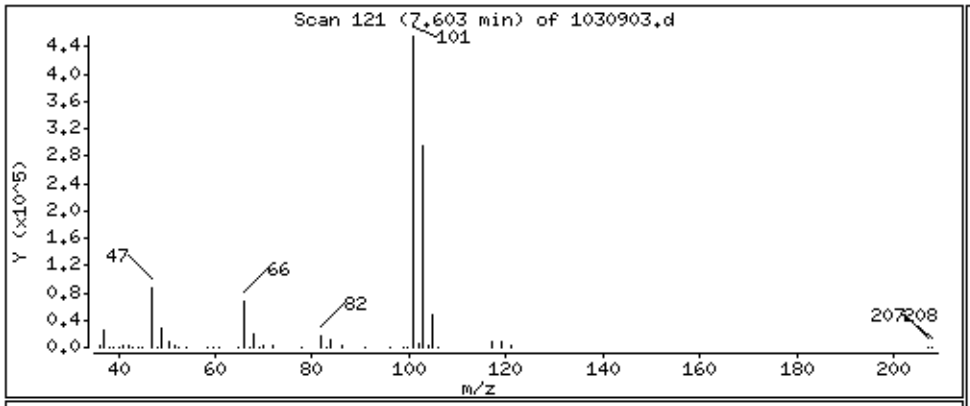
Operator: sjr

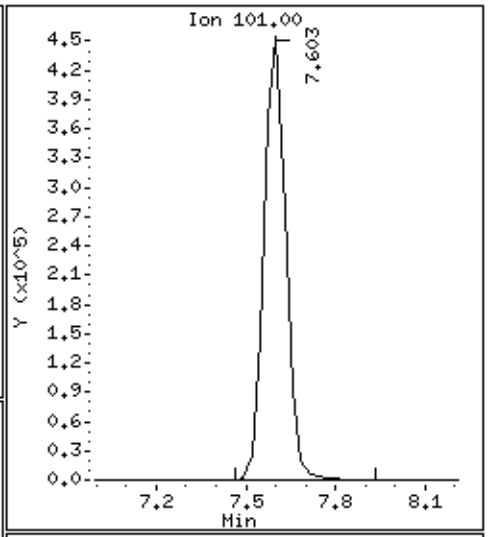
Column phase: RTx-624

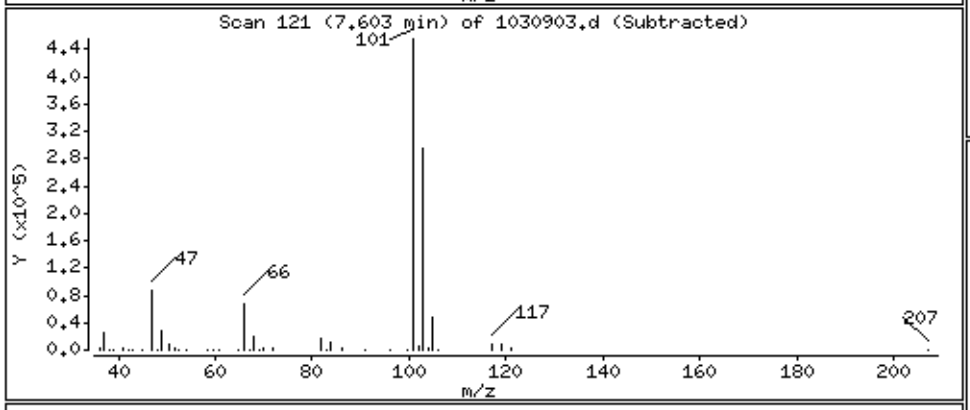
Column diameter: 0.53

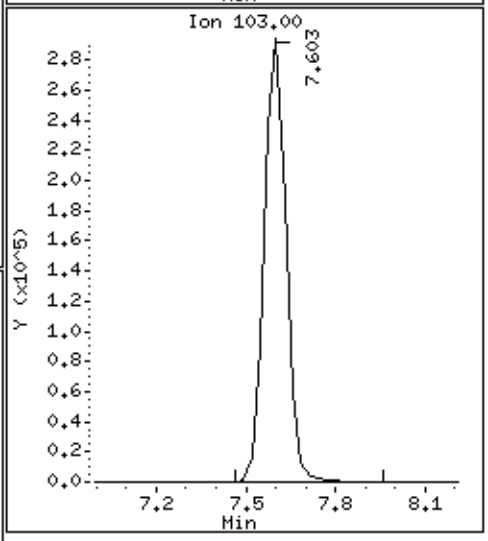
32 Trichlorofluoromethane/Fr11

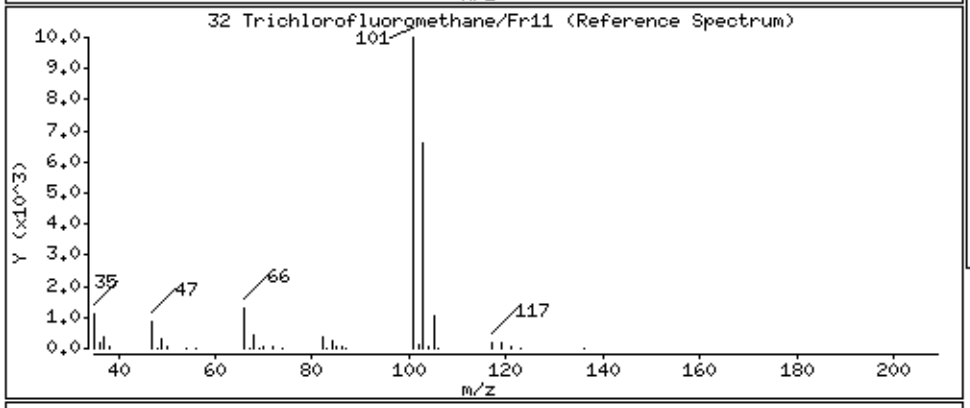
Concentration: 56.420 PPBV

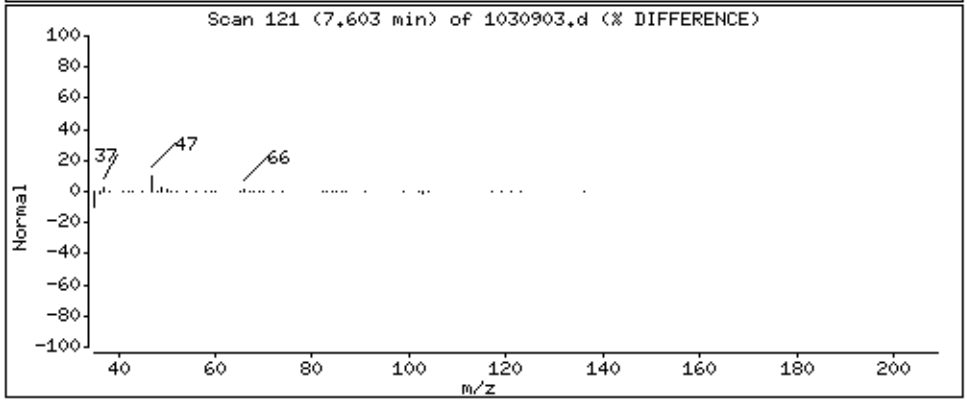












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

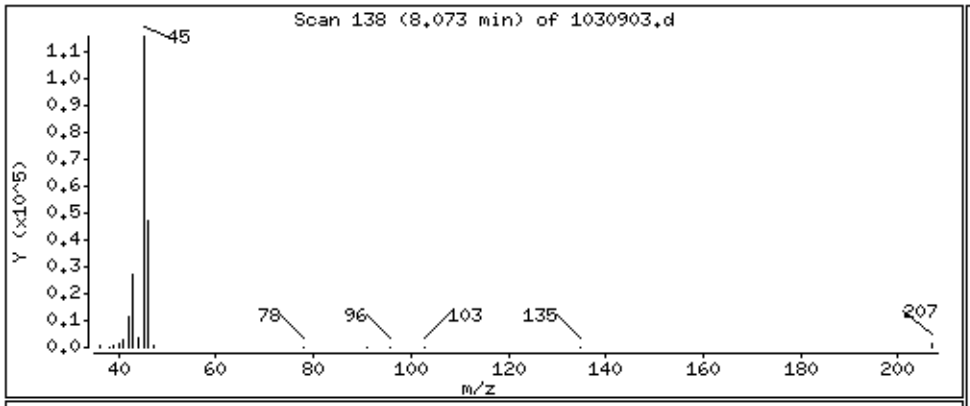
Operator: sjr

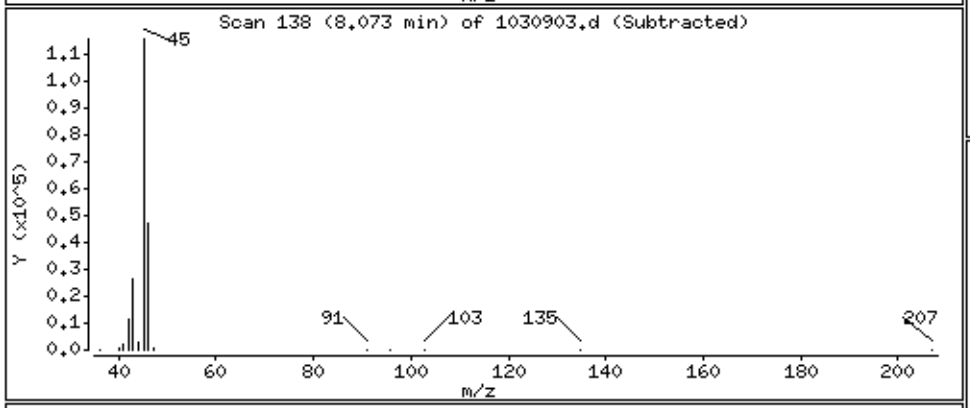
Column phase: RTx-624

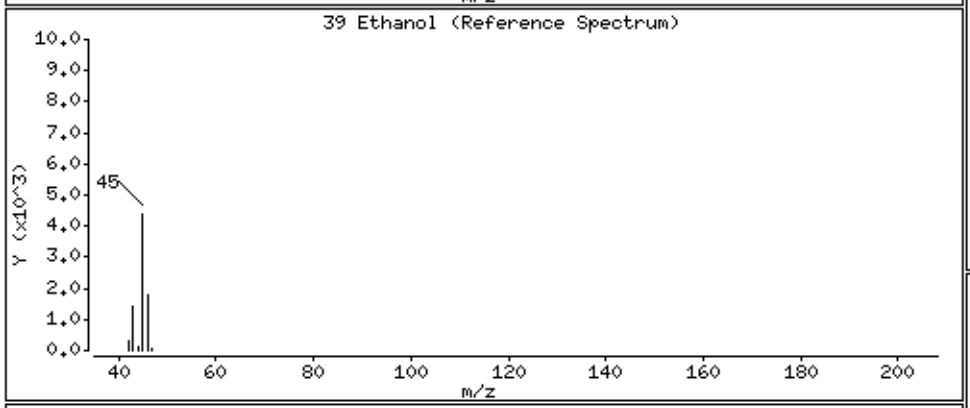
Column diameter: 0.53

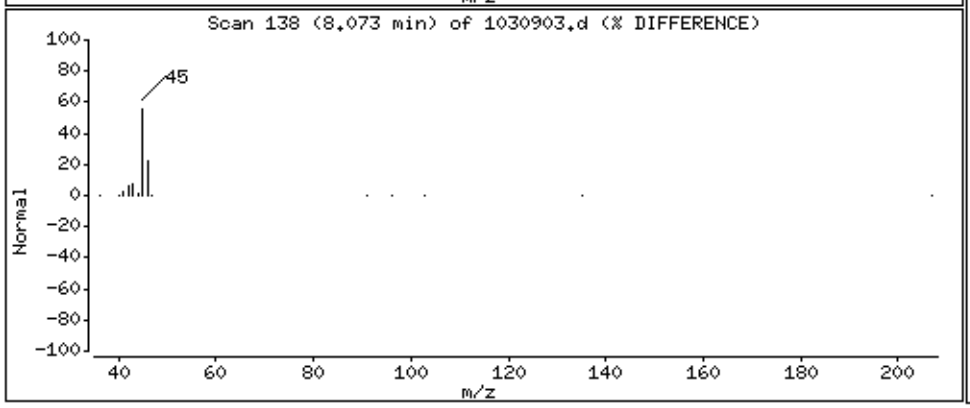
39 Ethanol

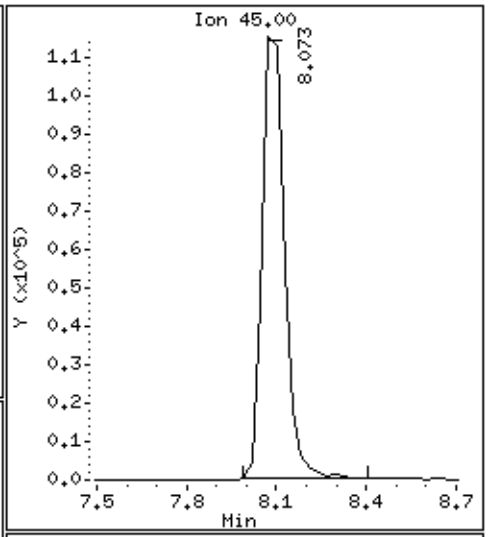
Concentration: 60.258 PPBV

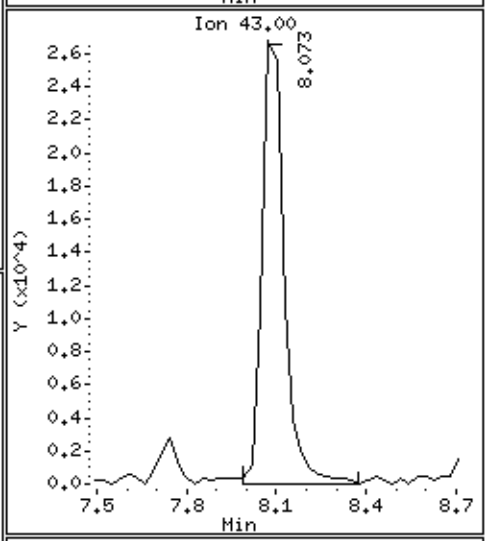


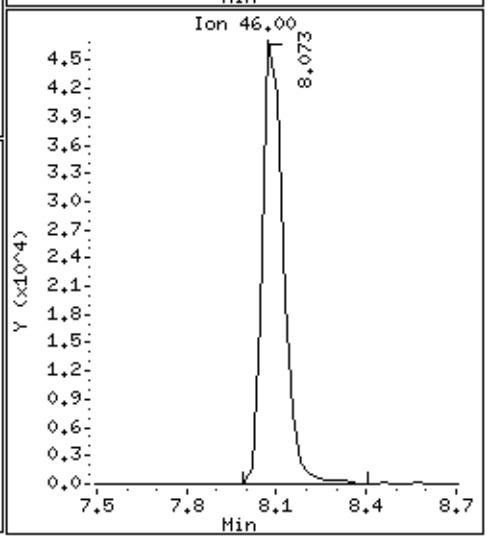












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

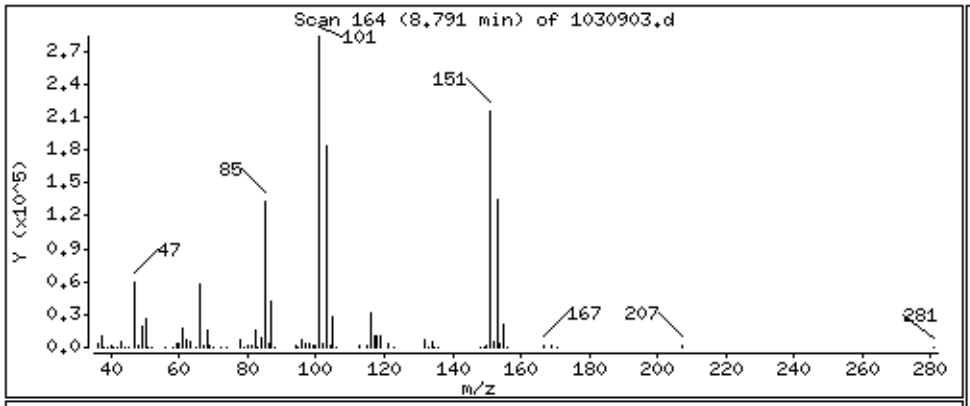
Operator: sjr

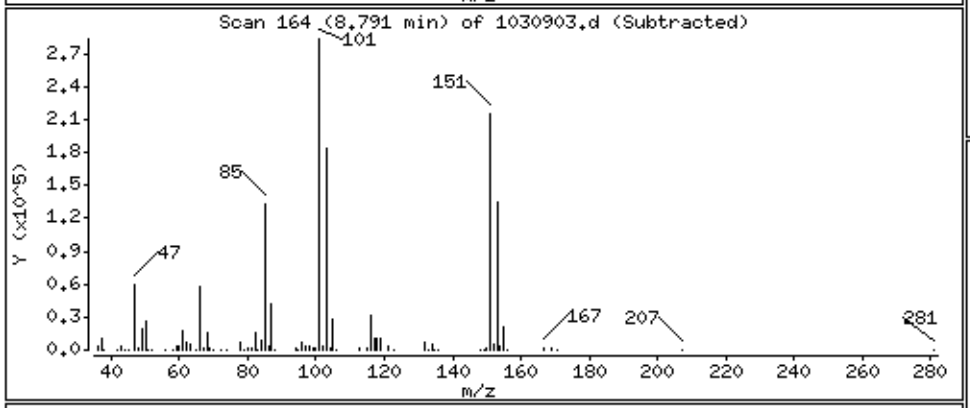
Column phase: RTx-624

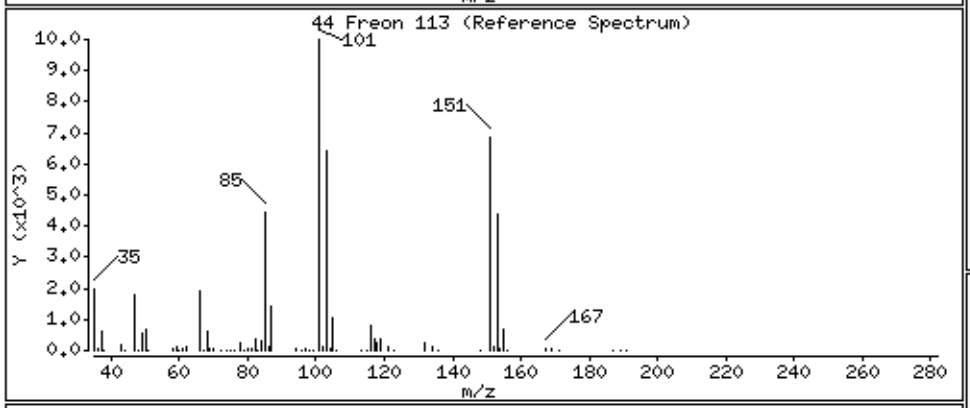
Column diameter: 0.53

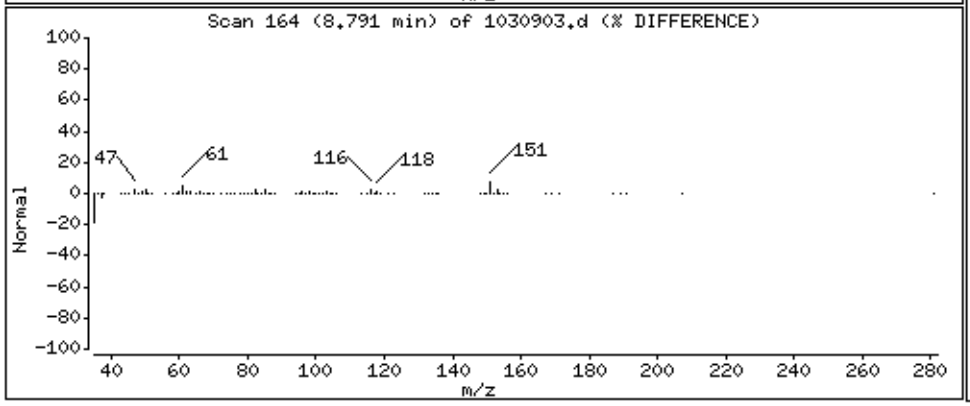
44 Freon 113

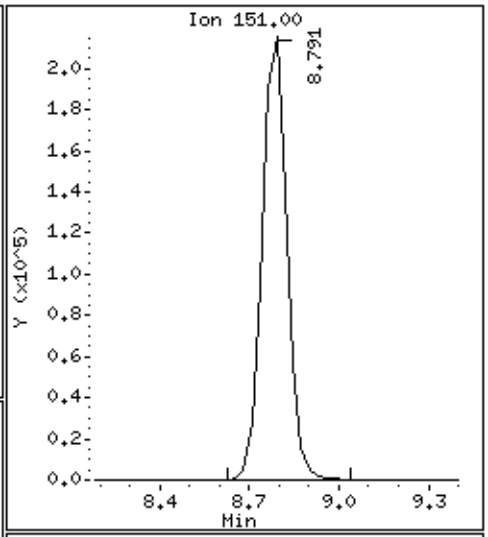
Concentration: 54.615 PPBV

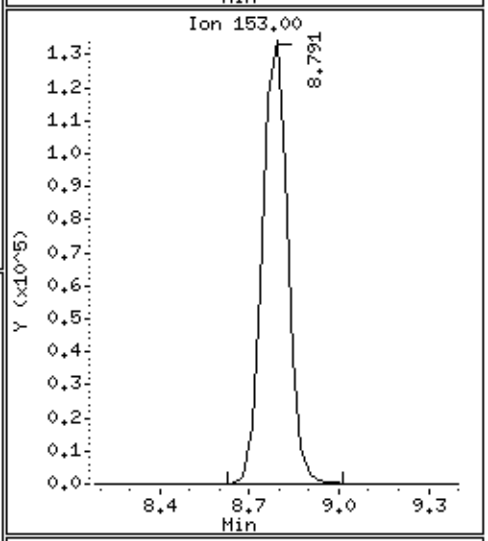


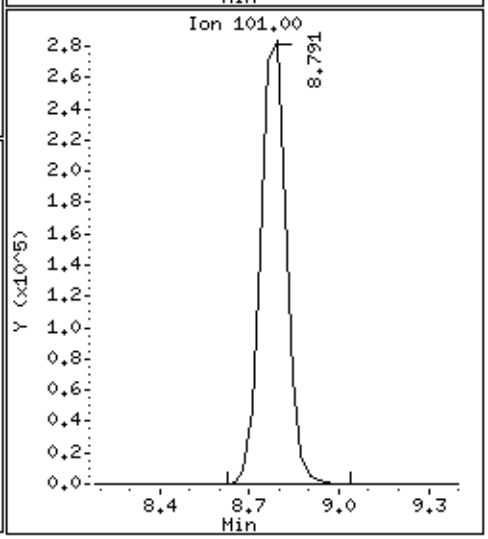












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

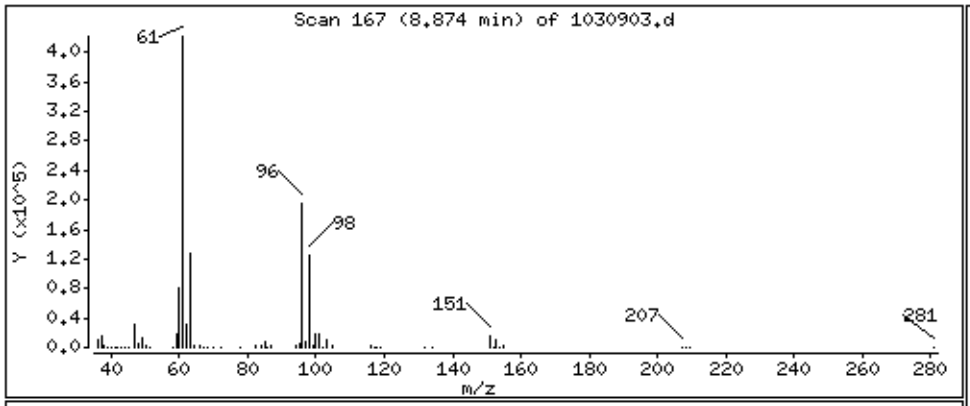
Operator: sjr

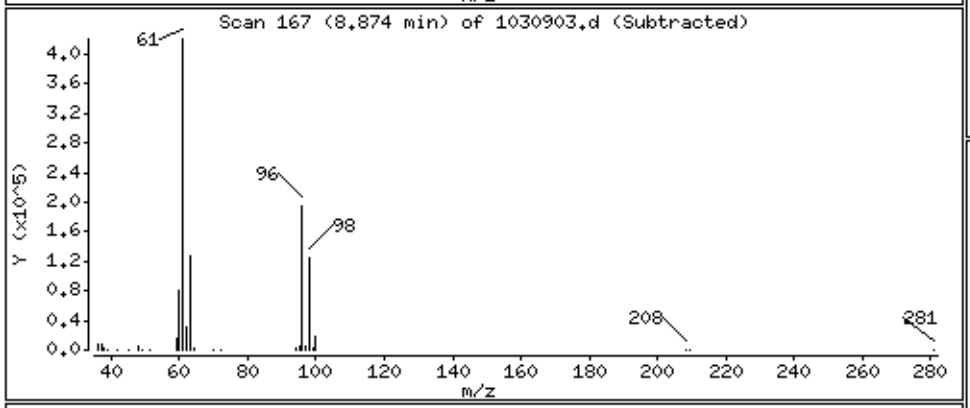
Column phase: RTx-624

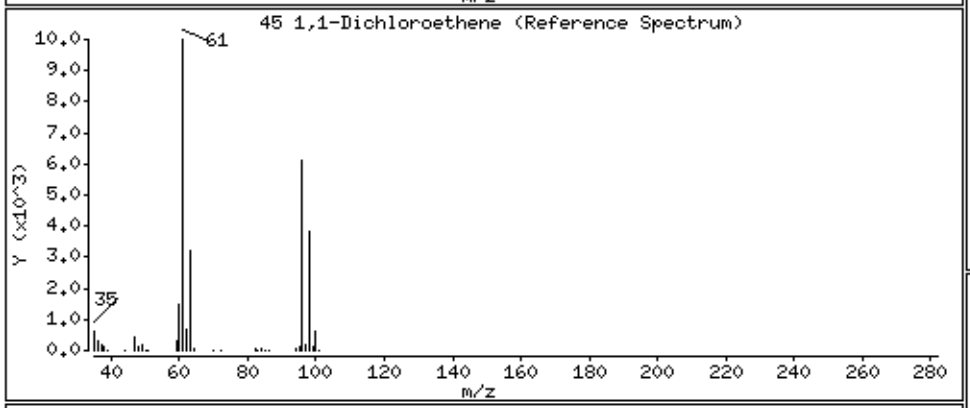
Column diameter: 0.53

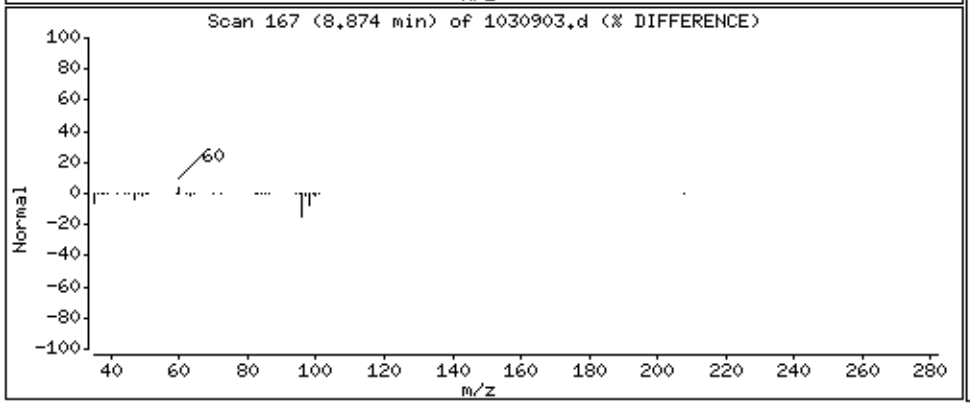
45 1,1-Dichloroethene

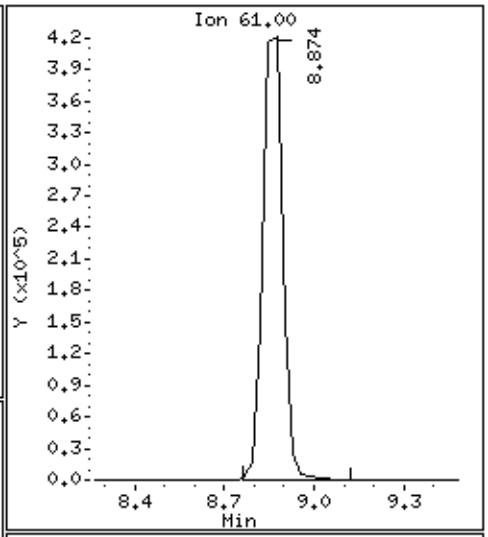
Concentration: 59.553 PPBV

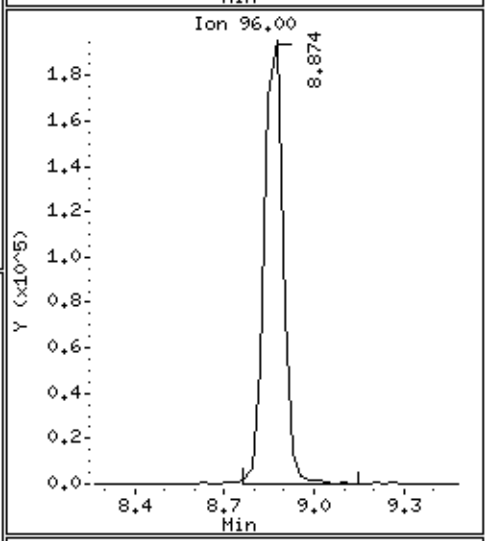


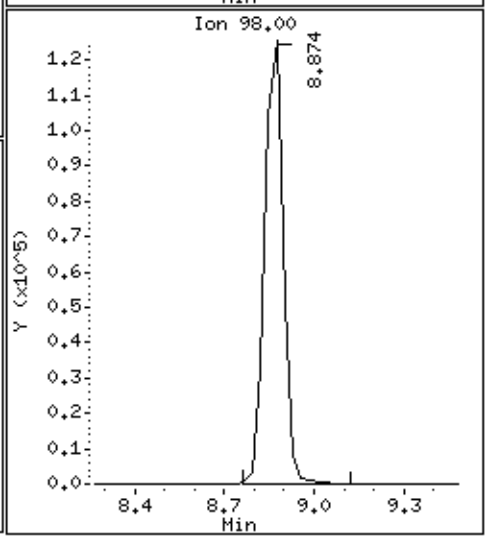












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

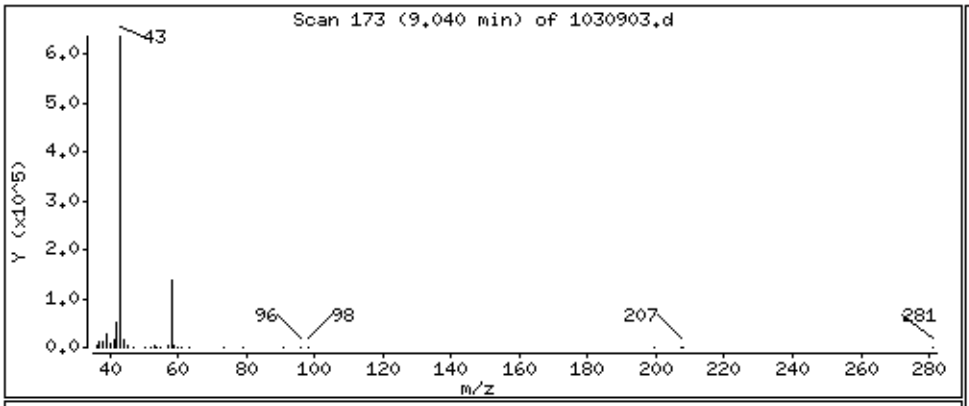
Operator: sjr

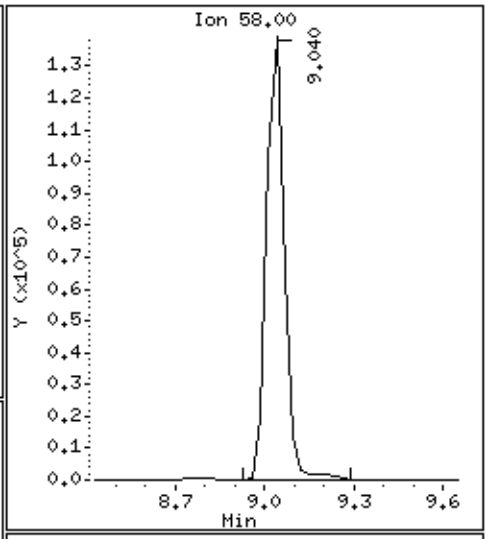
Column phase: RTx-624

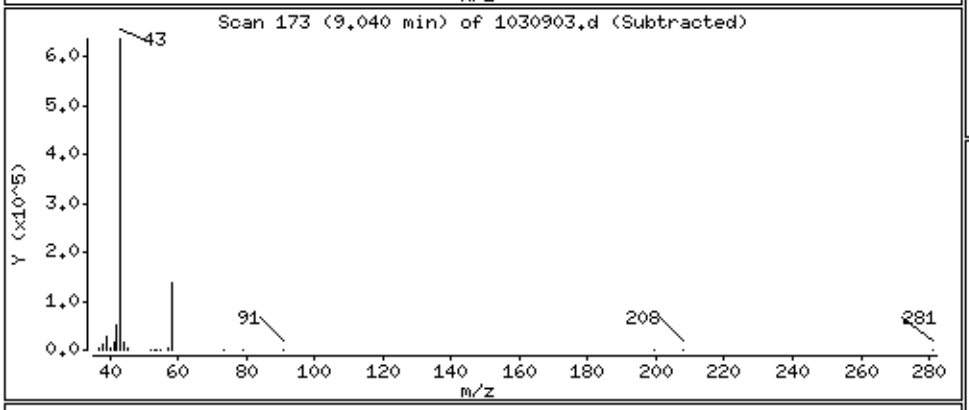
Column diameter: 0.53

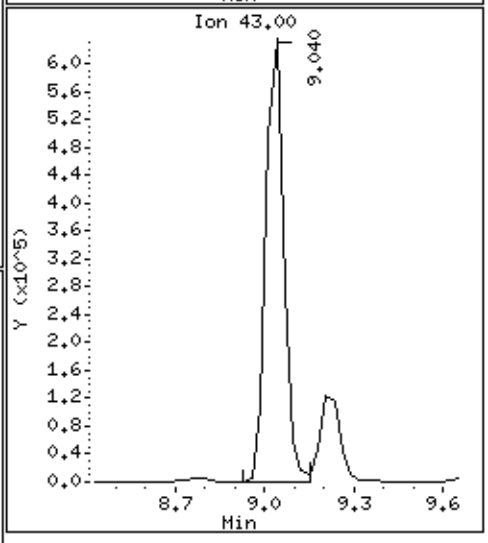
46 Acetone

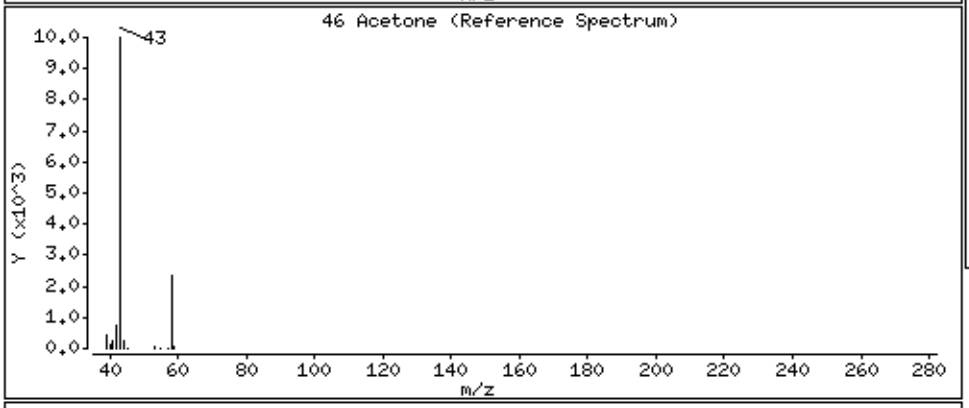
Concentration: 57.555 PPBV

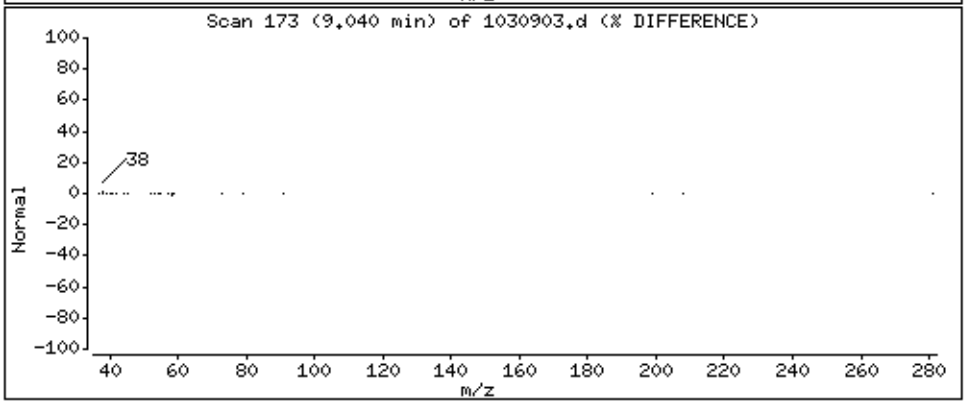












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

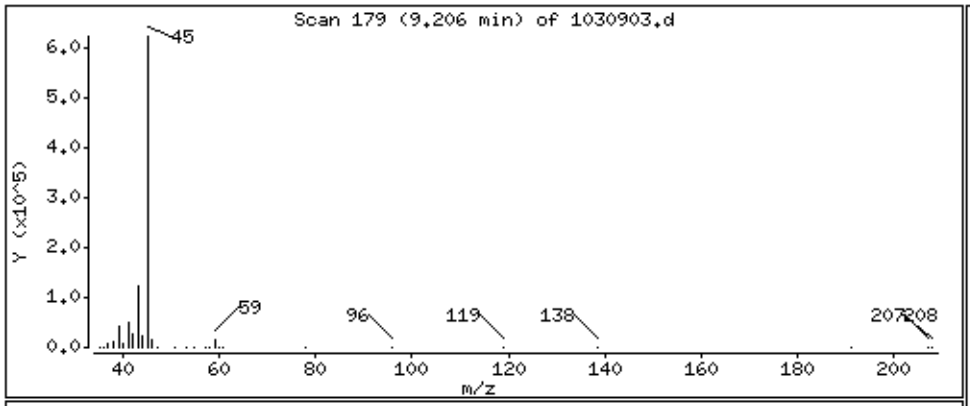
Operator: sjr

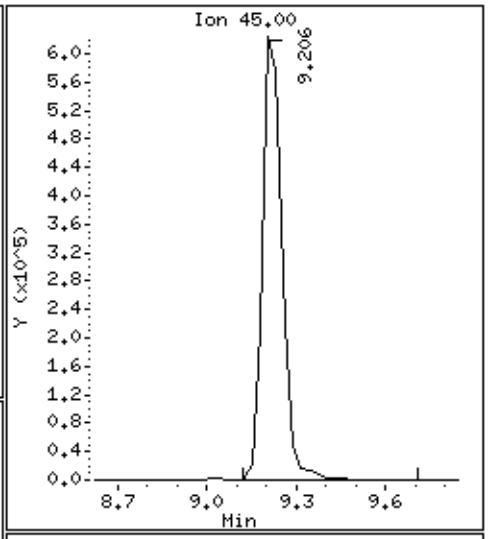
Column phase: RTx-624

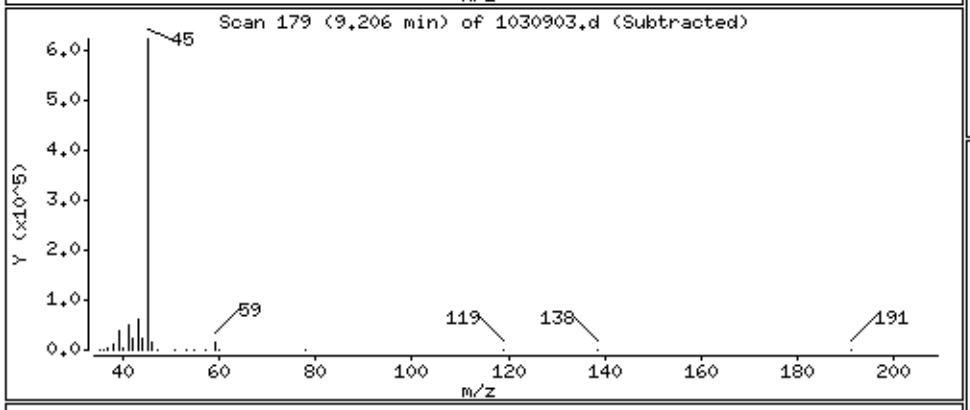
Column diameter: 0.53

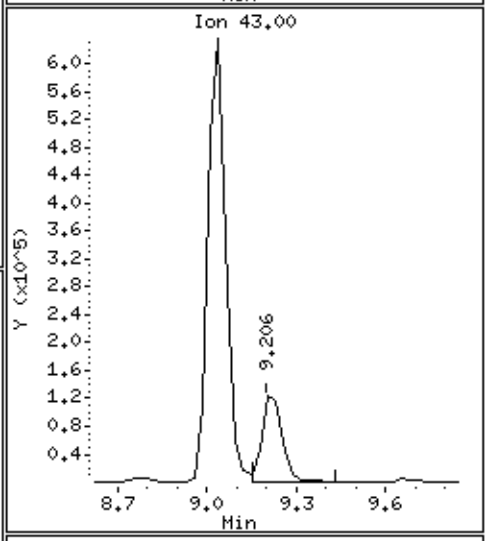
47 2-Propanol

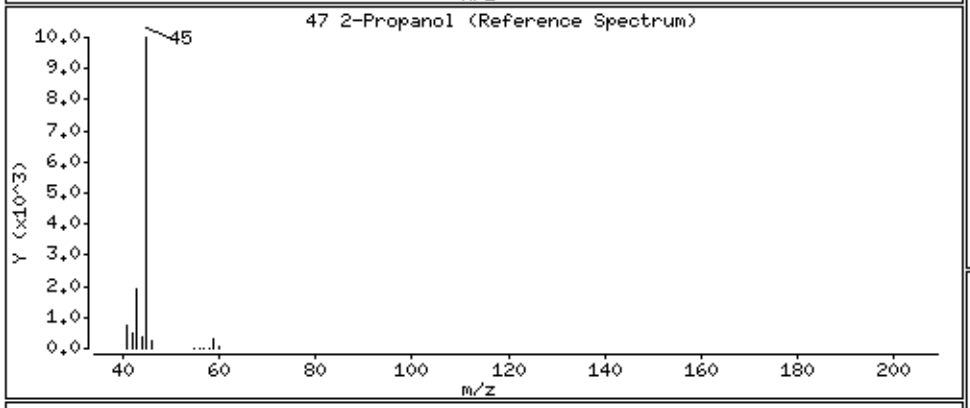
Concentration: 64.306 PPBV

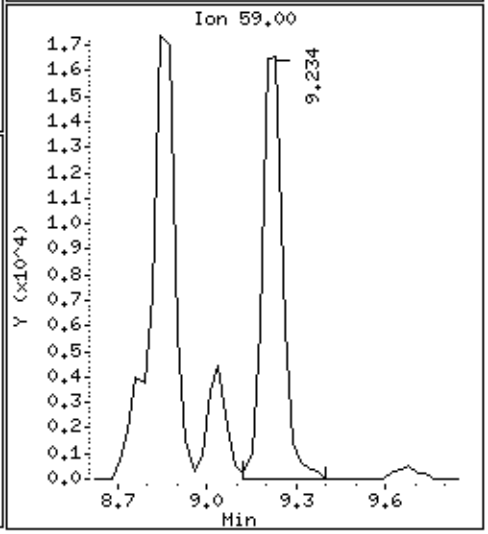


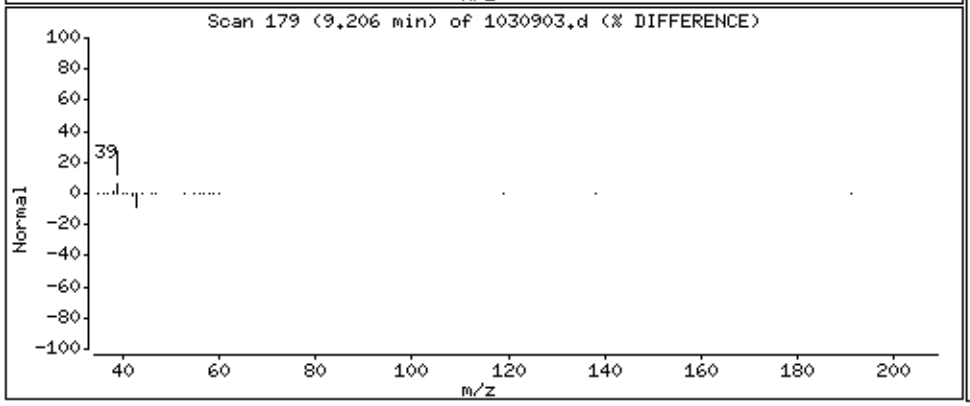












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

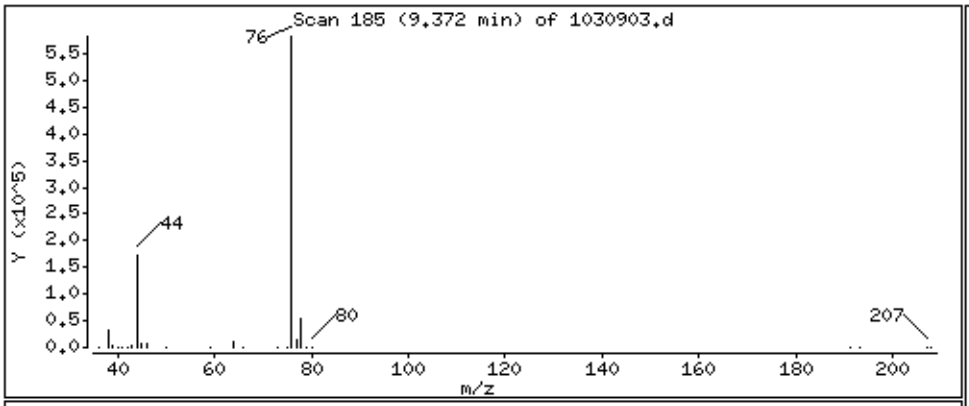
Operator: sjr

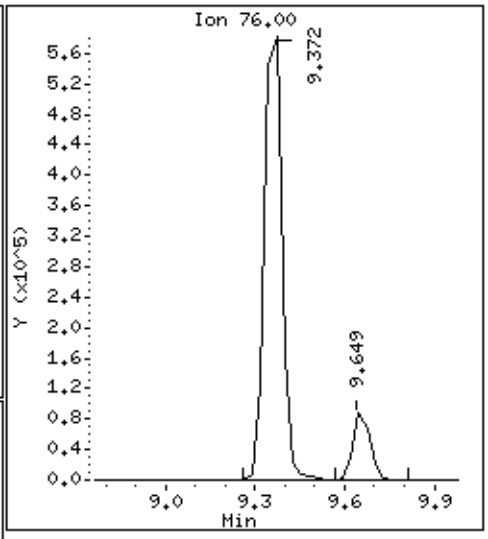
Column phase: RTx-624

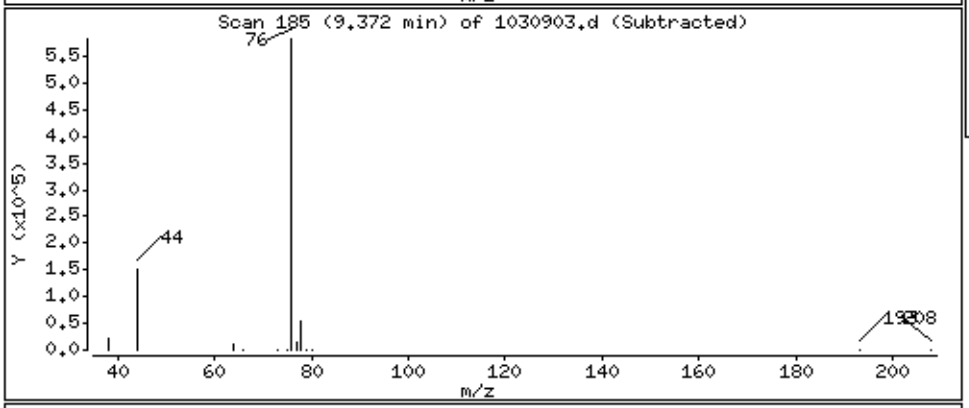
Column diameter: 0.53

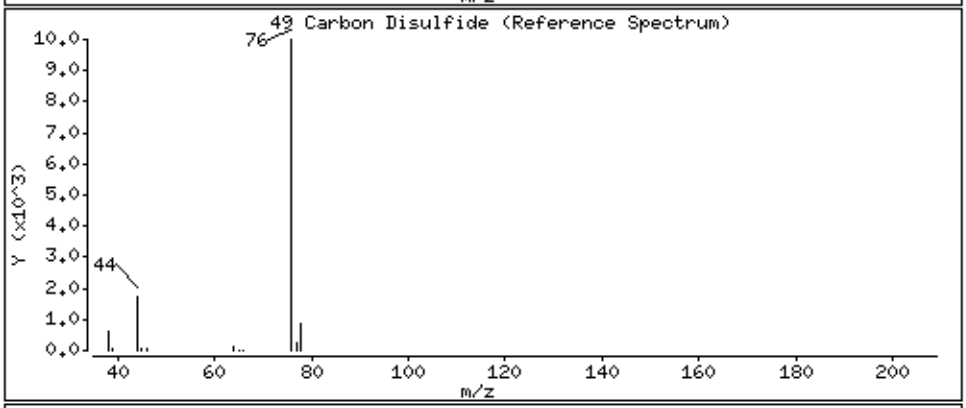
49 Carbon Disulfide

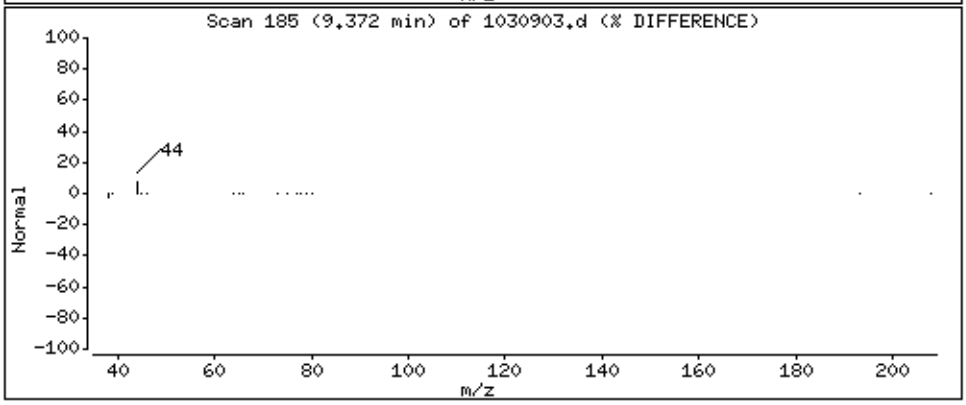
Concentration: 50.117 PPBV











Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

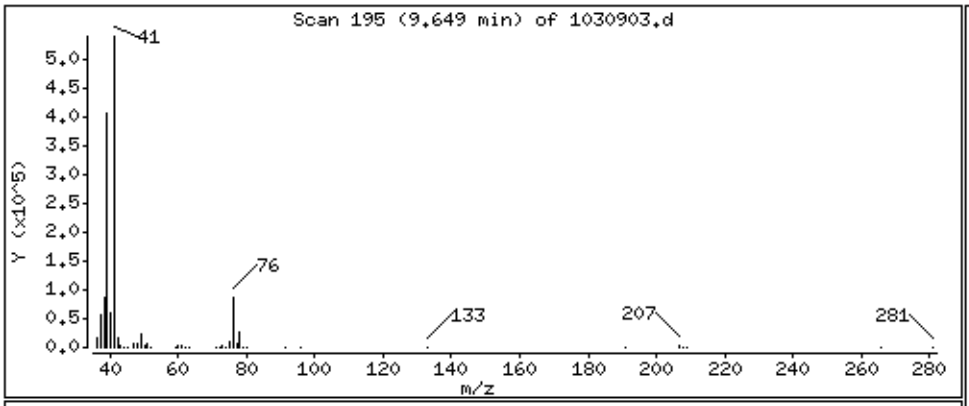
Operator: sjr

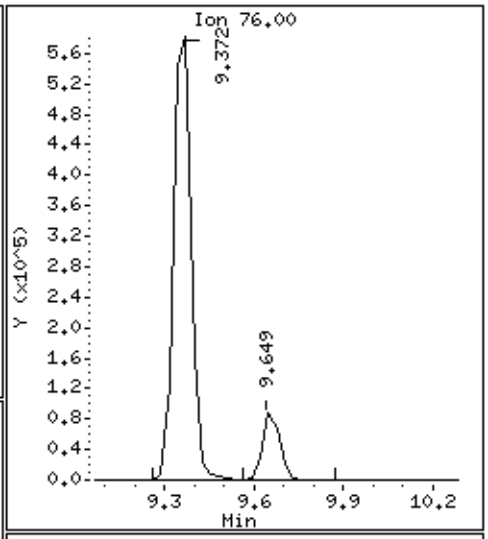
Column phase: RTx-624

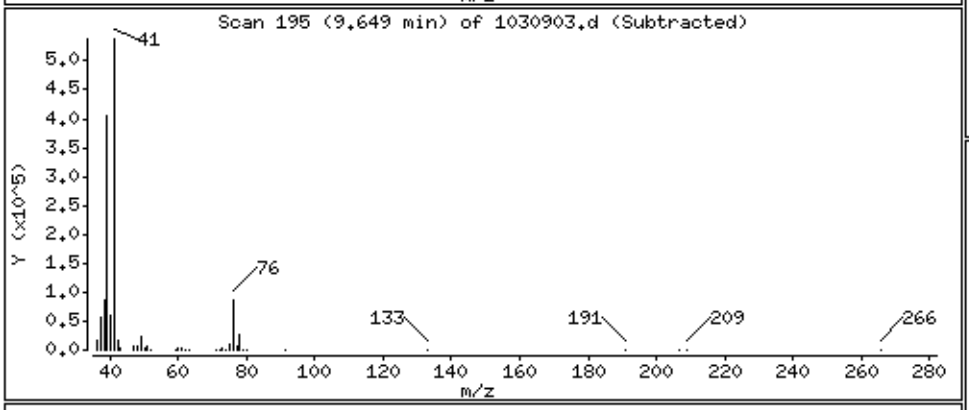
Column diameter: 0.53

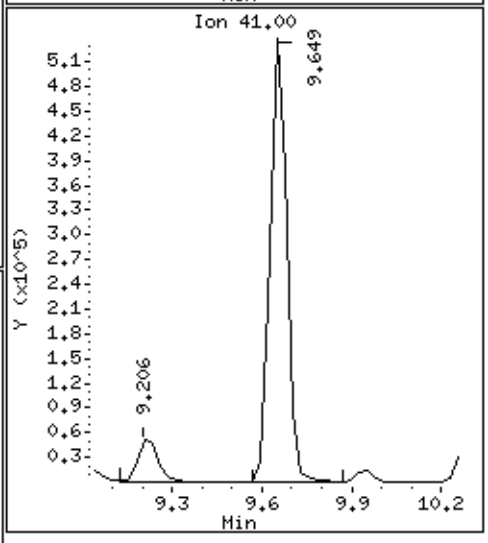
51 3-Chloropropene

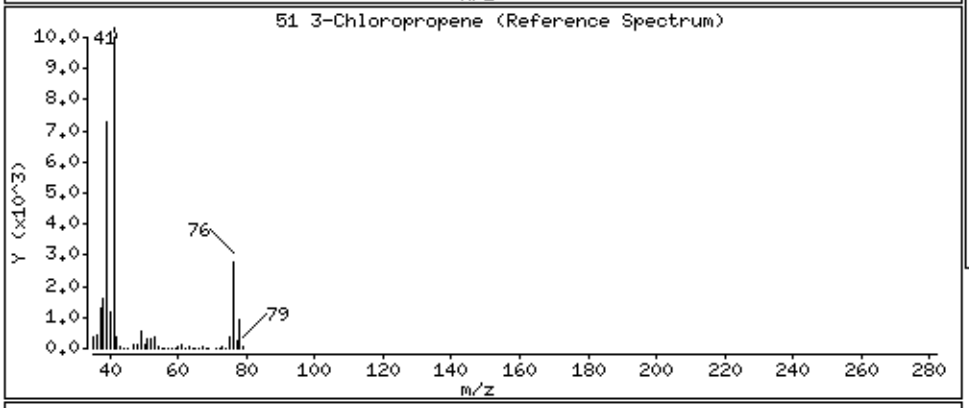
Concentration: 51.196 PPBV

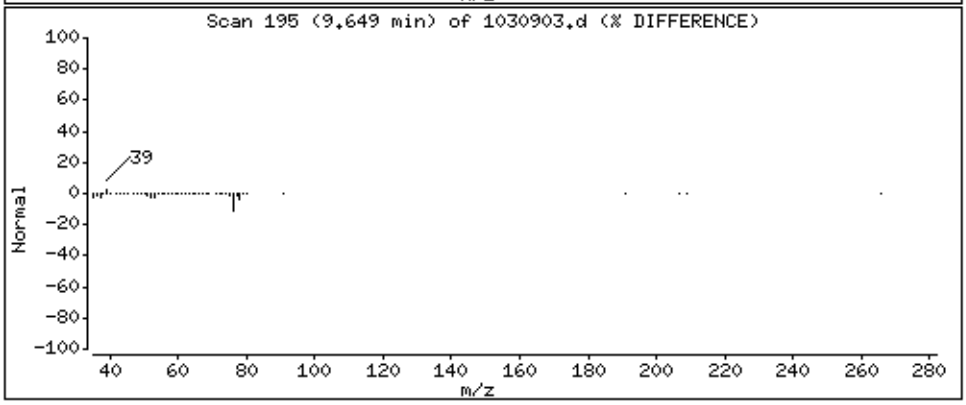












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

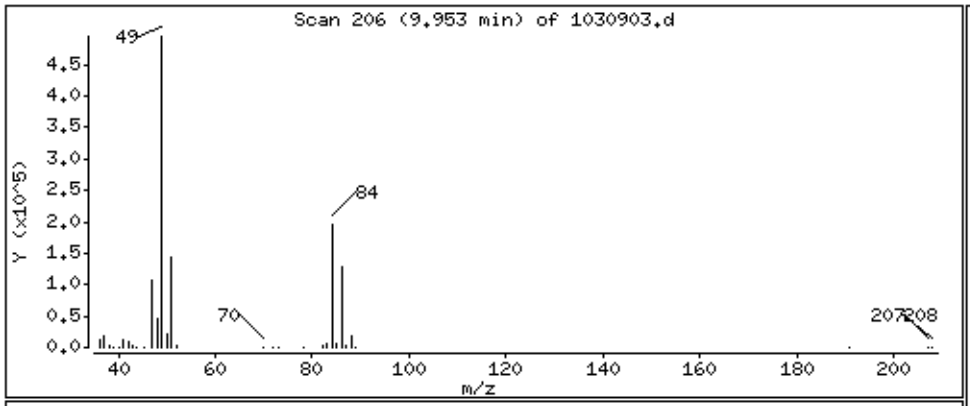
Operator: sjr

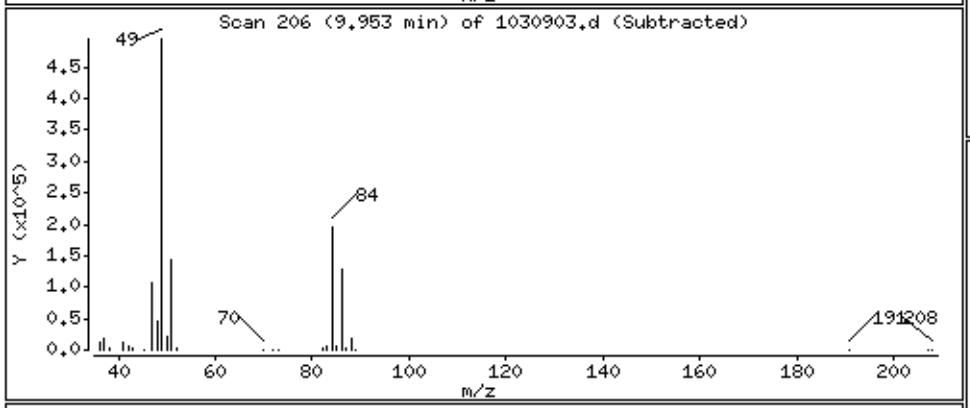
Column phase: RTx-624

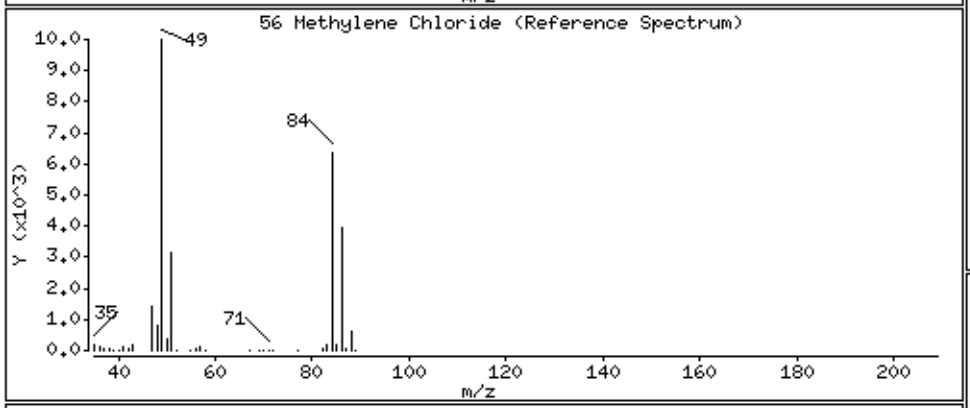
Column diameter: 0.53

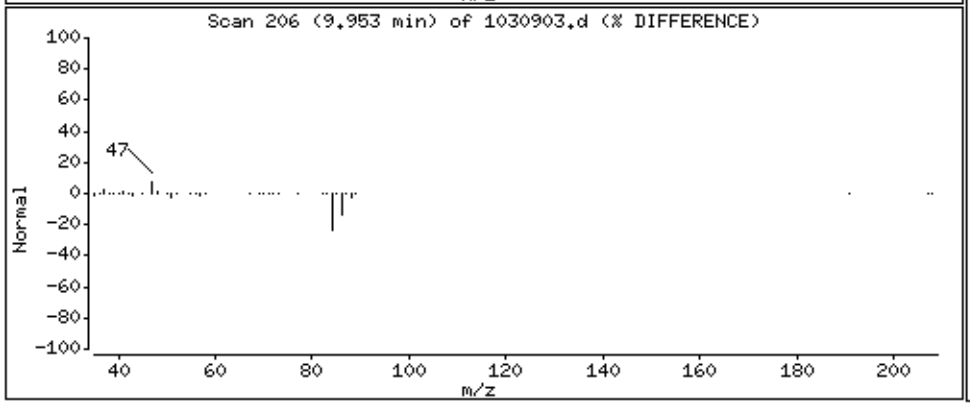
56 Methylene Chloride

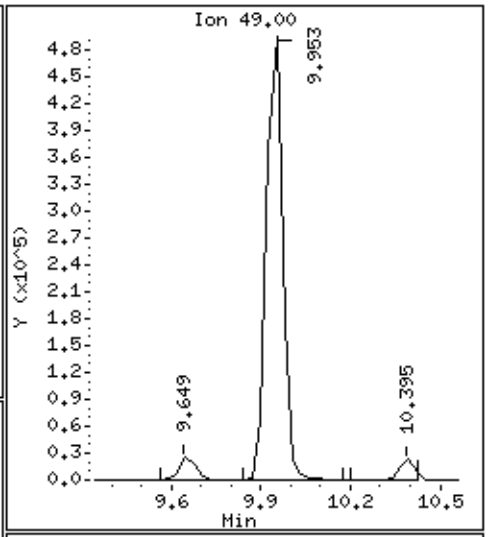
Concentration: 57.824 PPBV

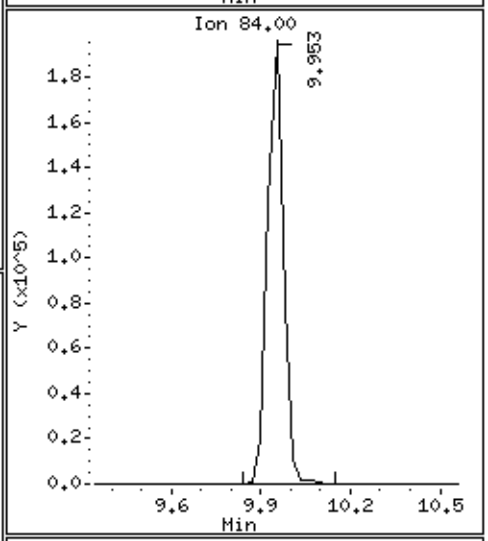


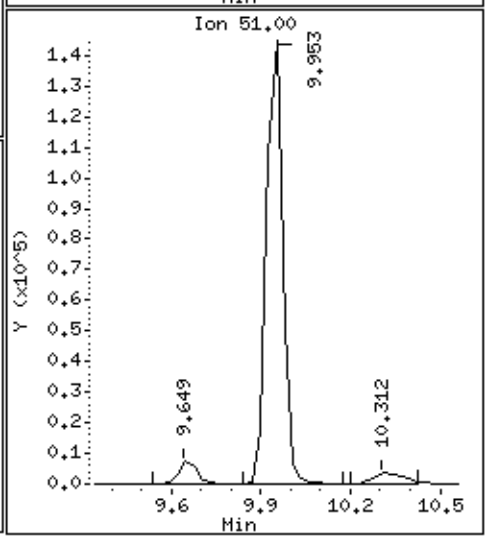












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

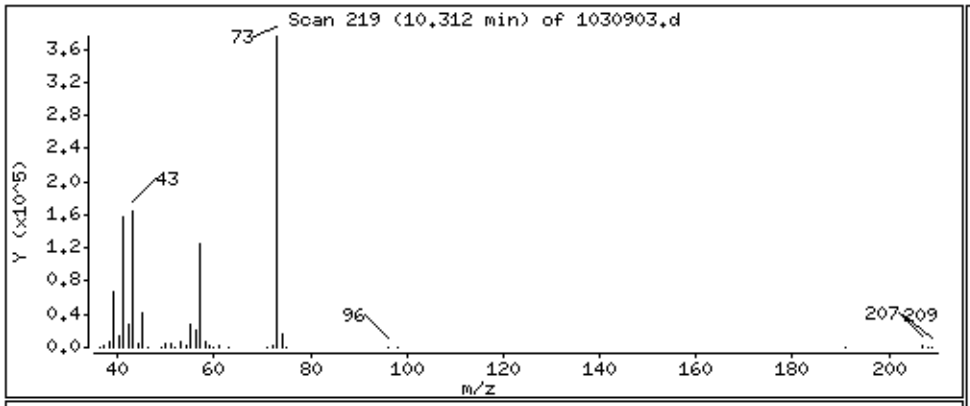
Operator: sjr

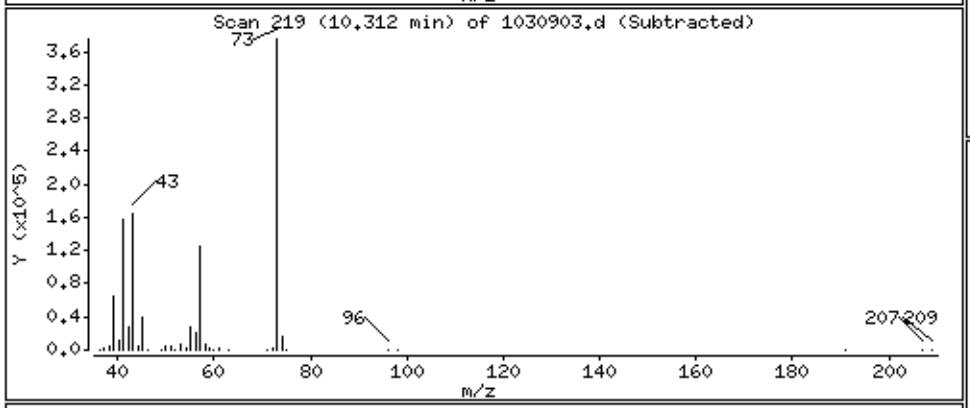
Column phase: RTx-624

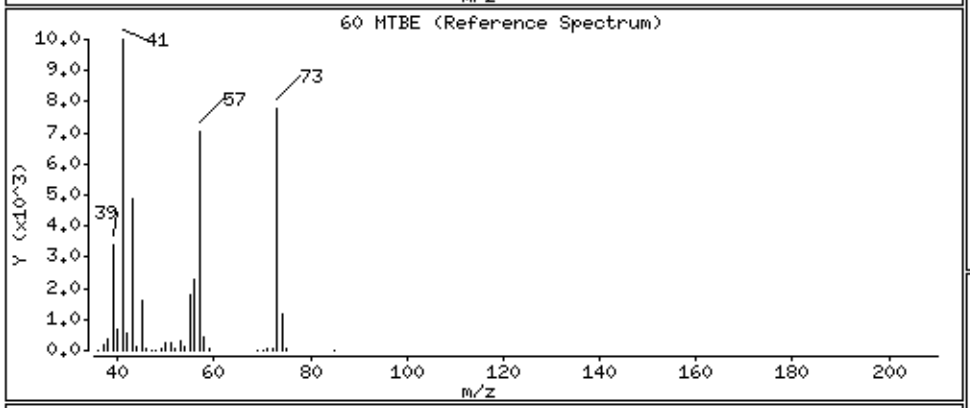
Column diameter: 0.53

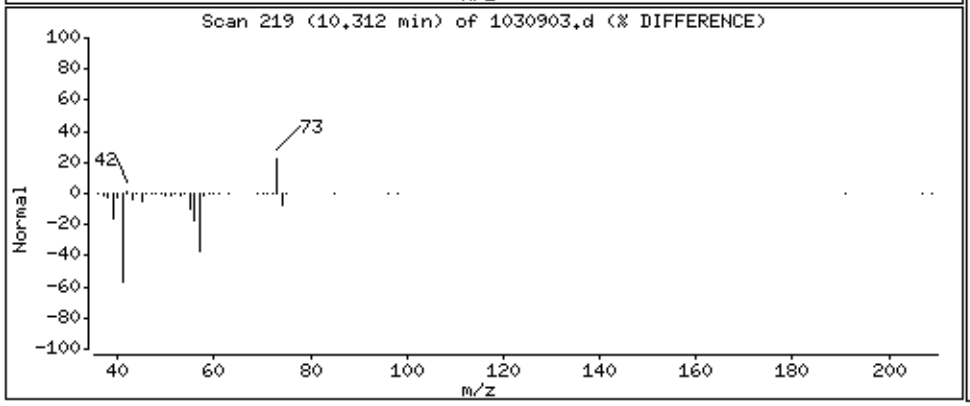
60 MTBE

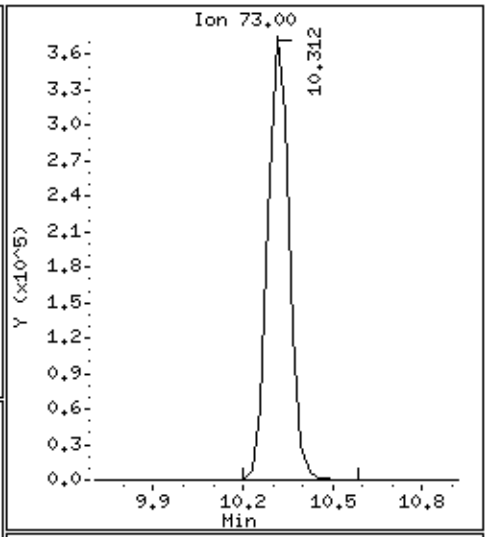
Concentration: 65.596 PPBV

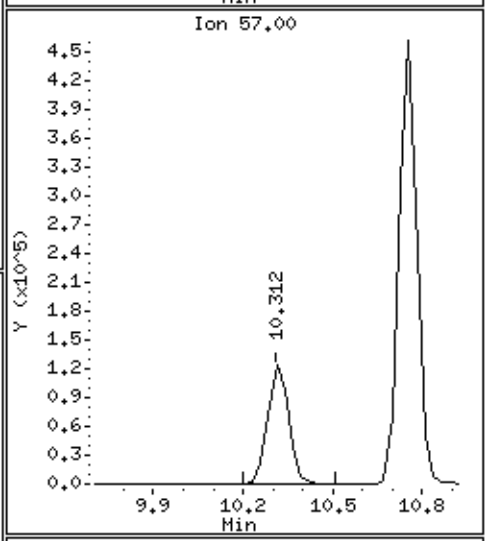


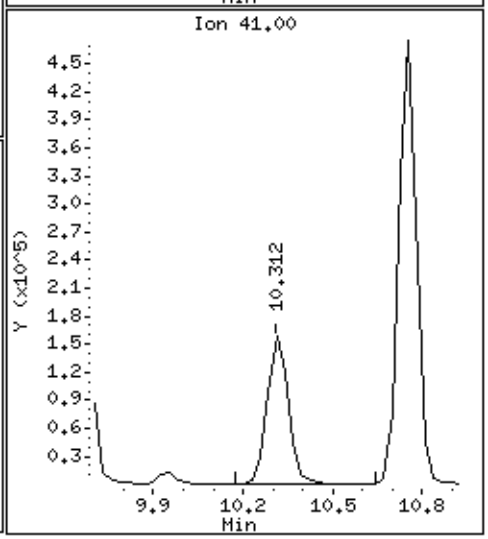












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

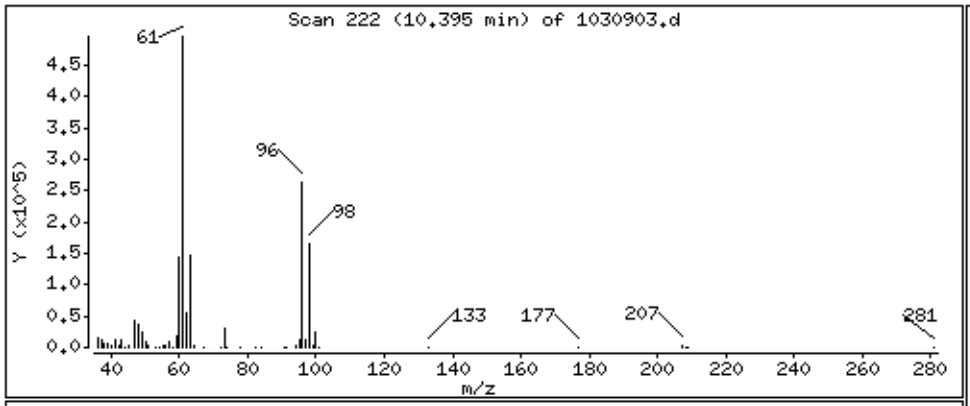
Operator: sjr

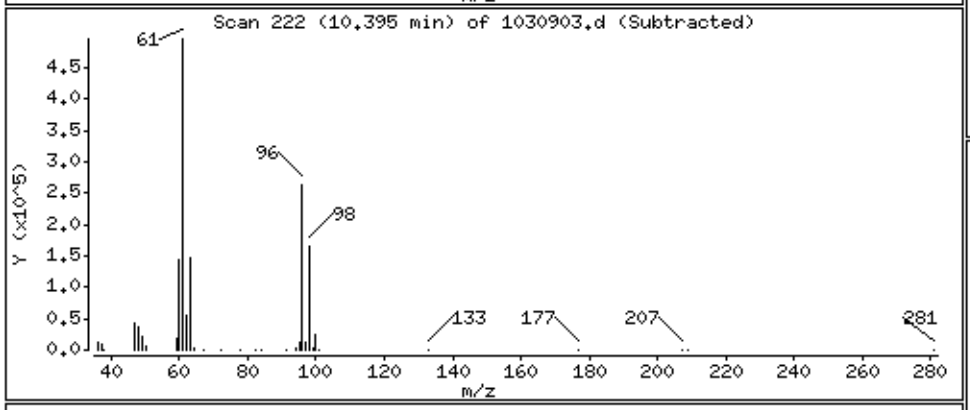
Column phase: RTx-624

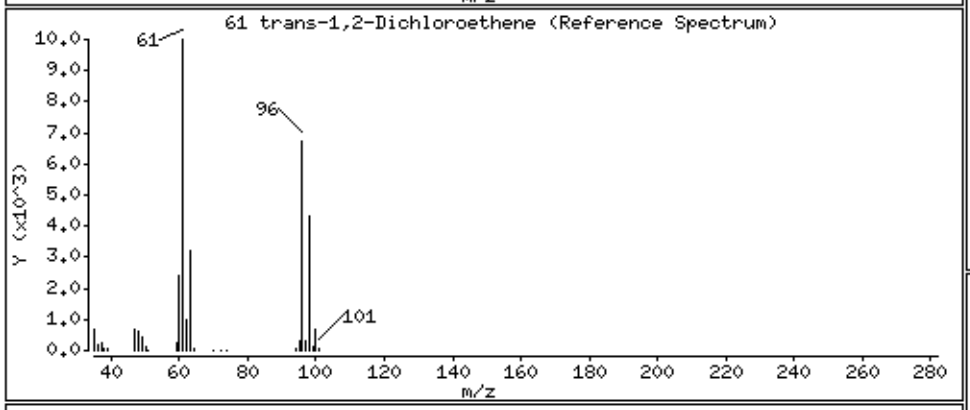
Column diameter: 0.53

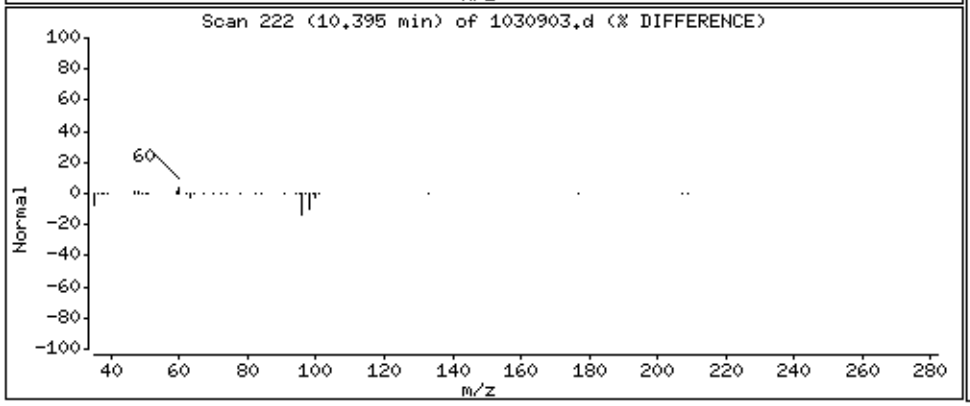
61 trans-1,2-Dichloroethene

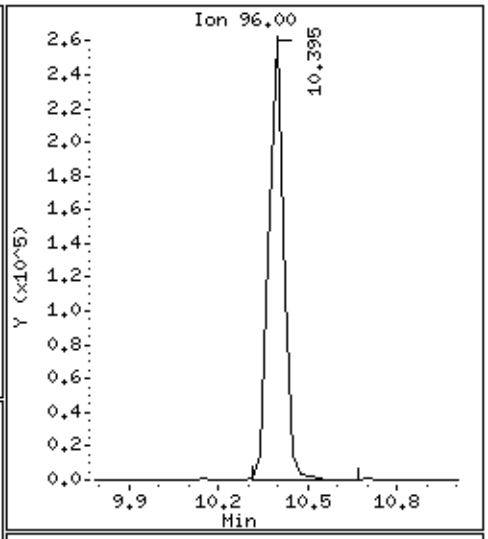
Concentration: 57.367 PPBV

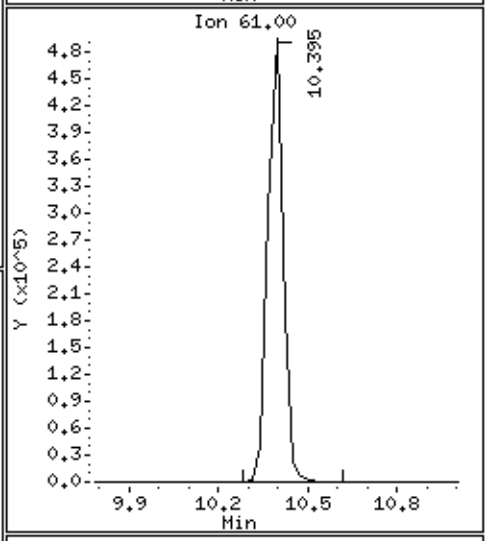


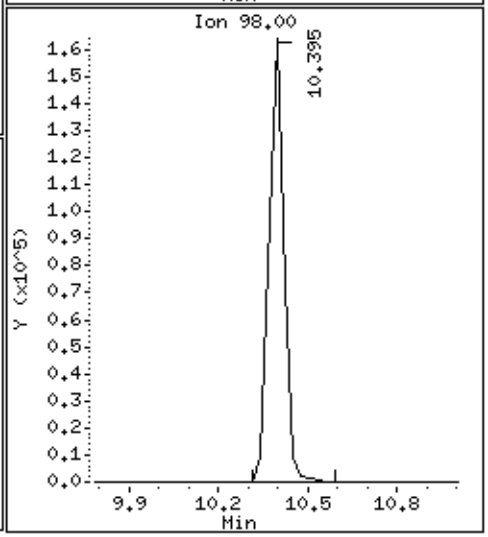












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

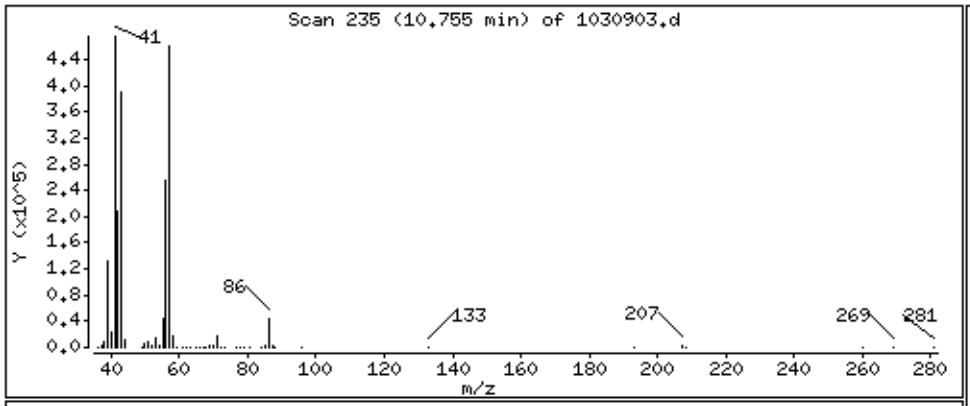
Client ID: LCS-1 Instrument: msd1.i

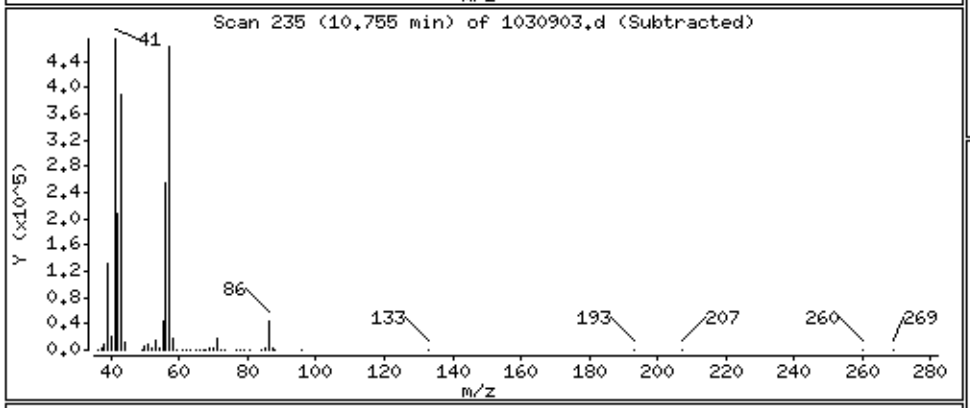
Sample Info: 50mL #1408-386

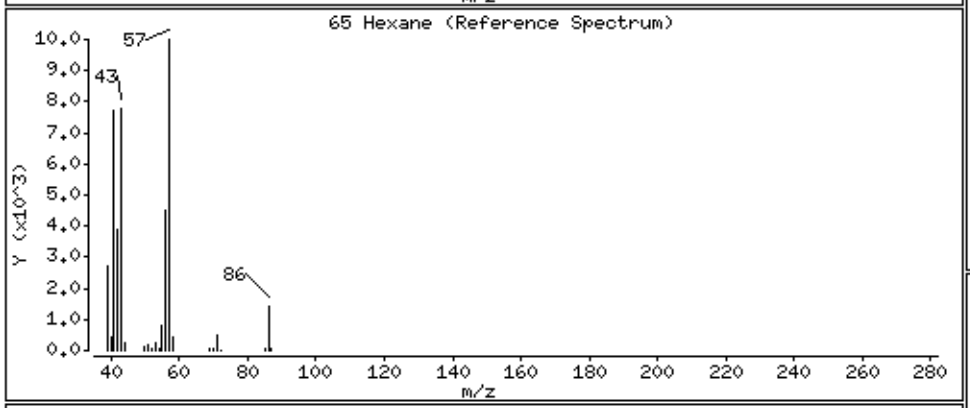
Operator: sjr

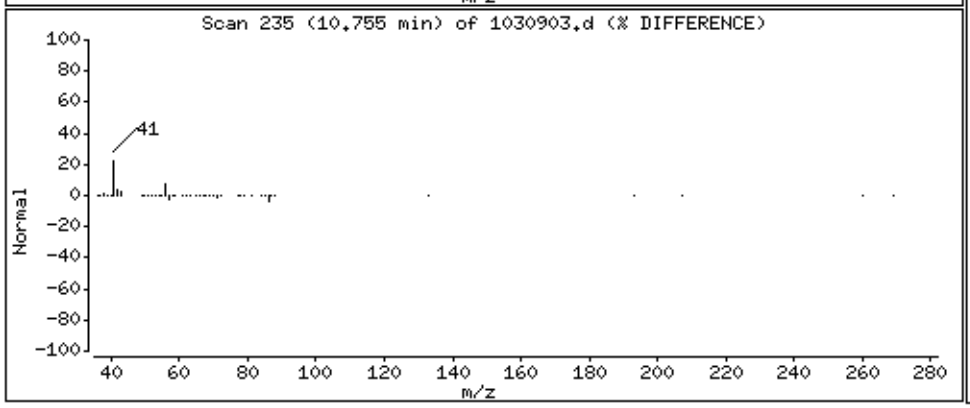
Column phase: RTx-624 Column diameter: 0.53

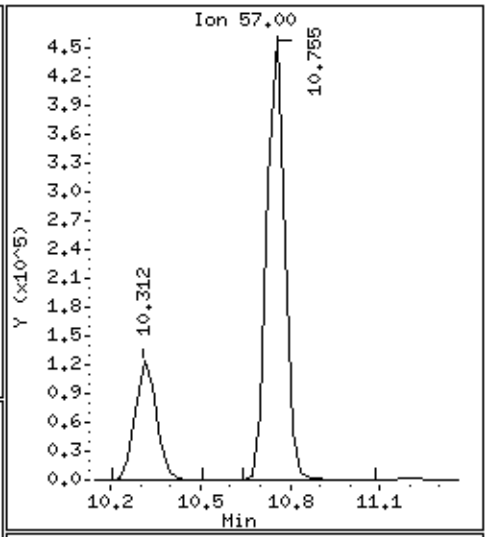
65 Hexane Concentration: 58.378 PPBV

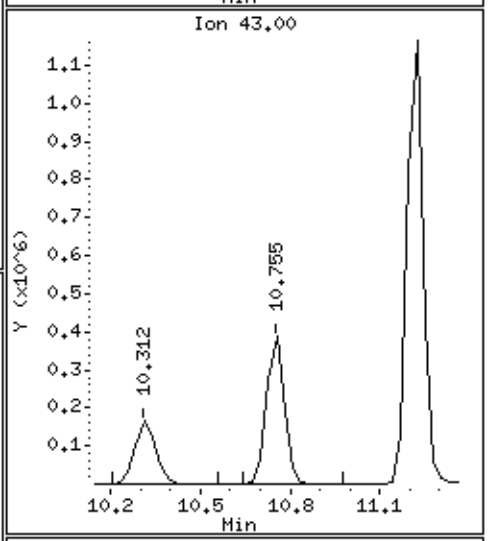


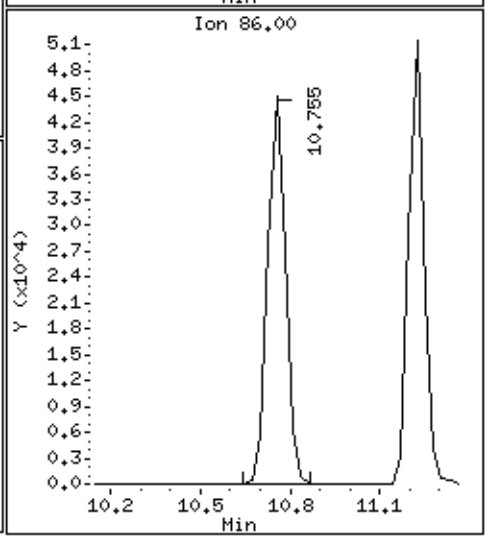












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

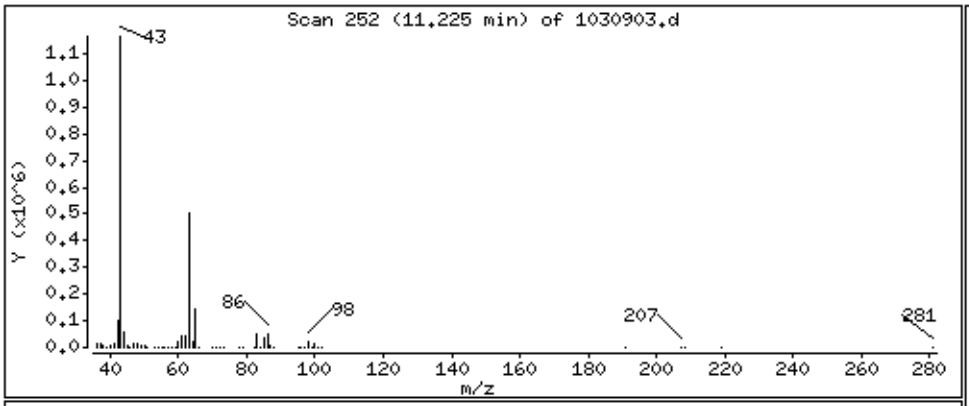
Operator: sjr

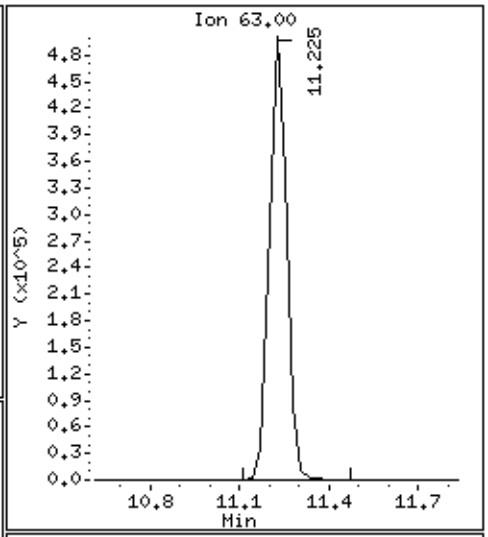
Column phase: RTx-624

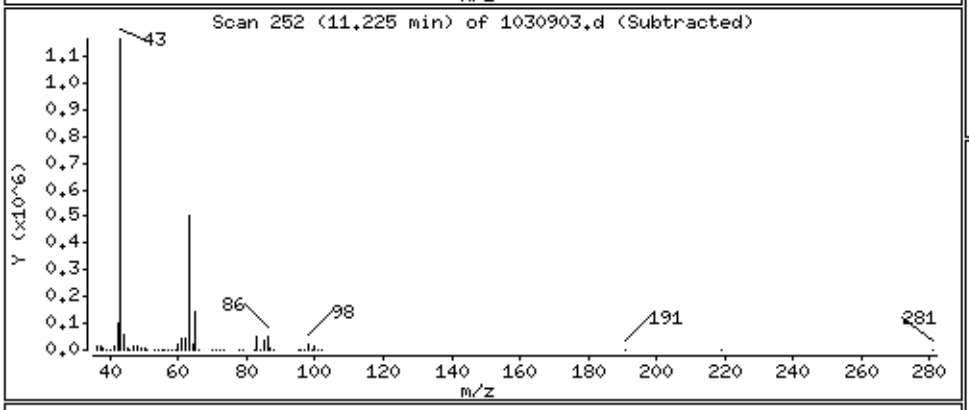
Column diameter: 0.53

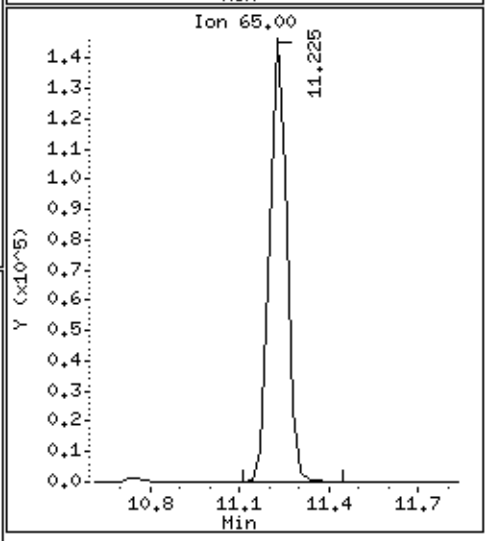
70 1,1-Dichloroethane

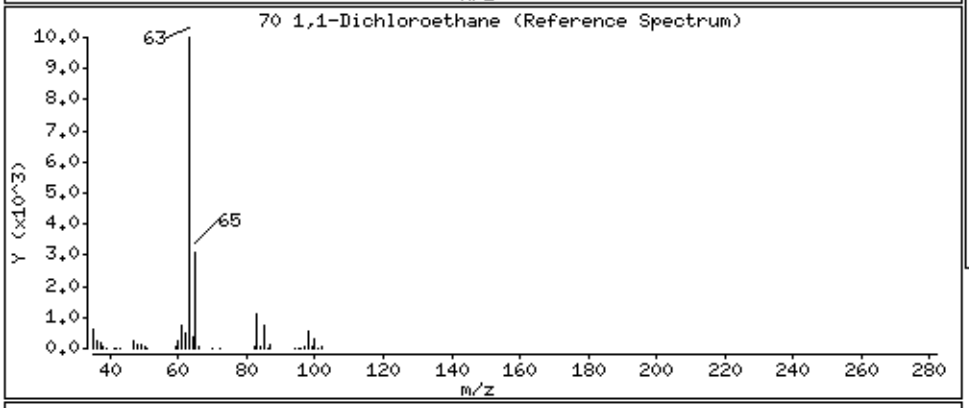
Concentration: 58.644 PPBV

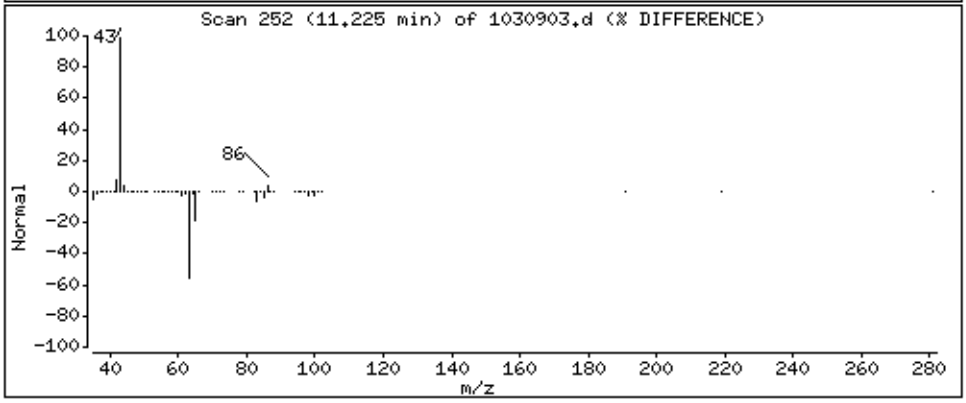












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

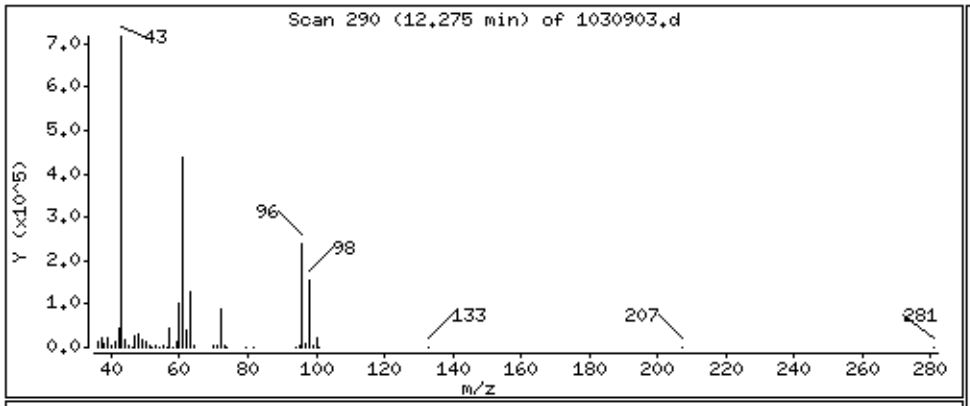
Operator: sjr

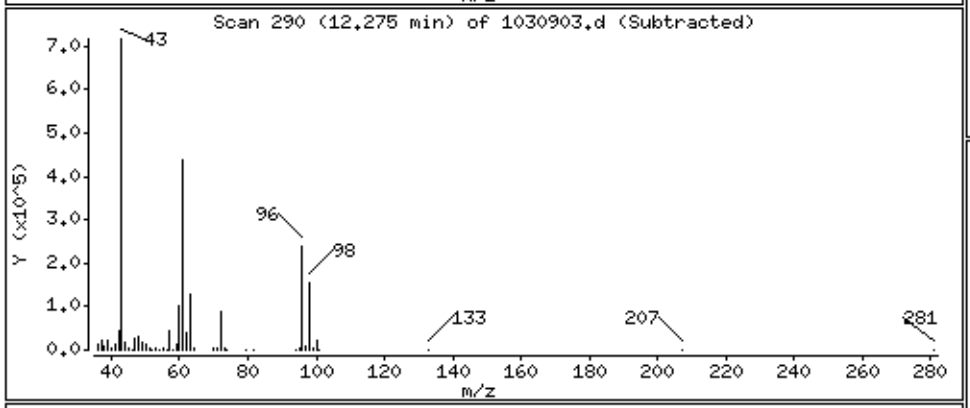
Column phase: RTx-624

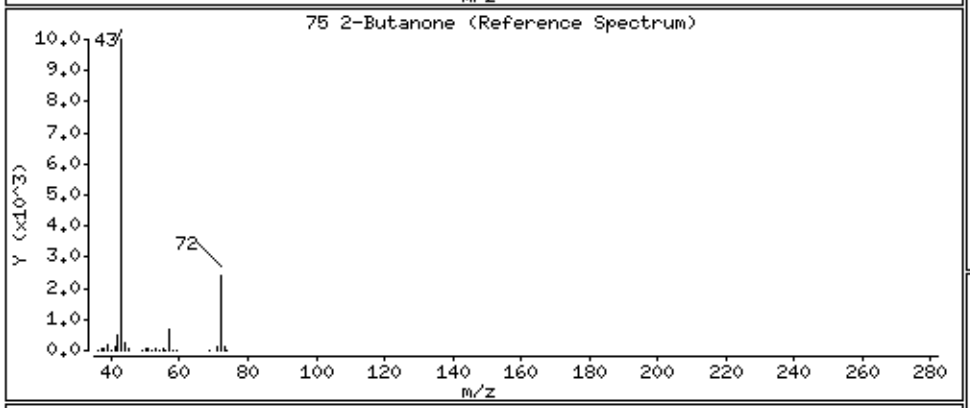
Column diameter: 0.53

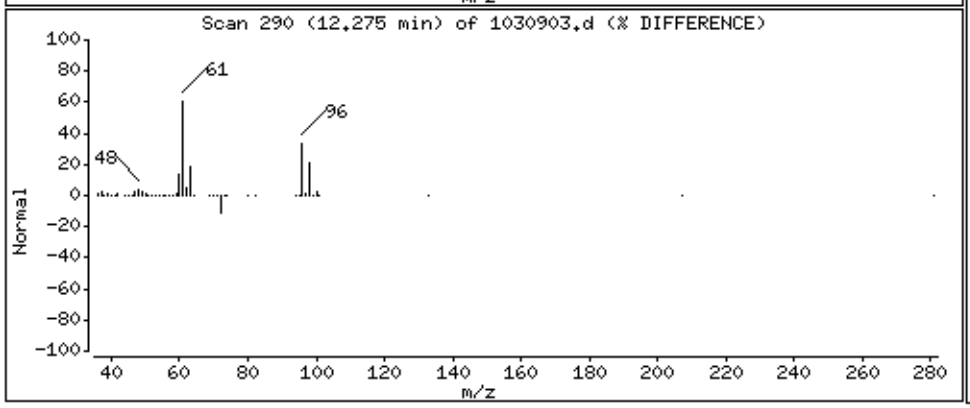
75 2-Butanone

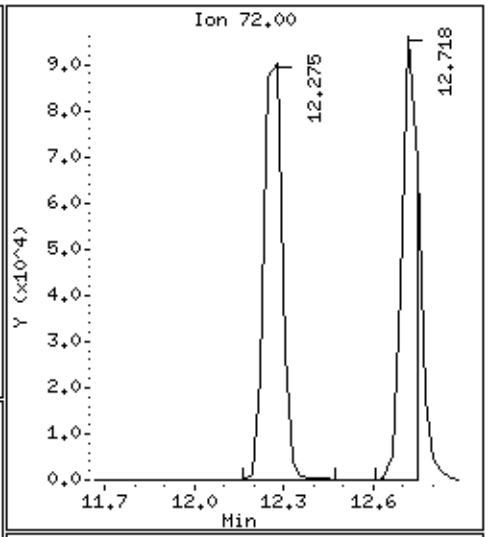
Concentration: 58.555 PPBV

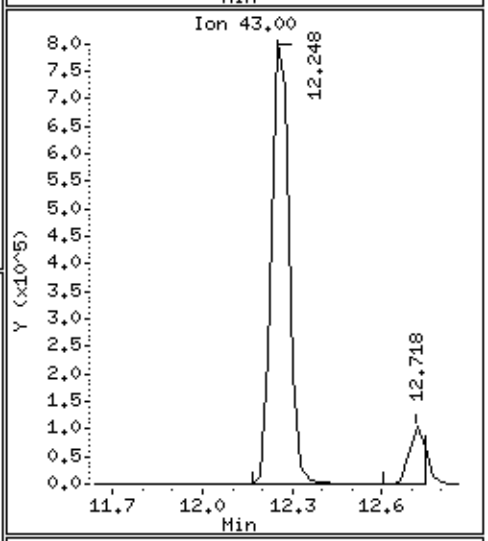


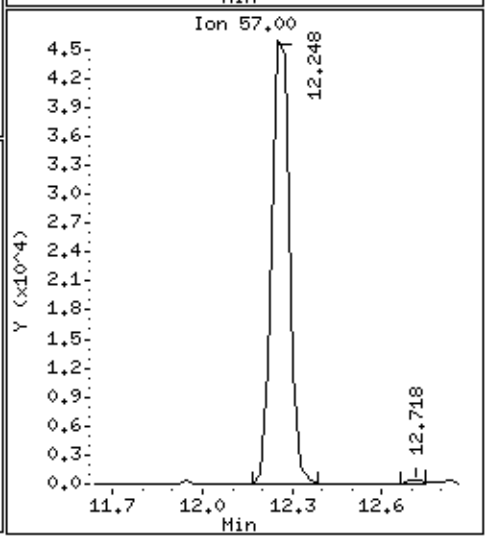












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

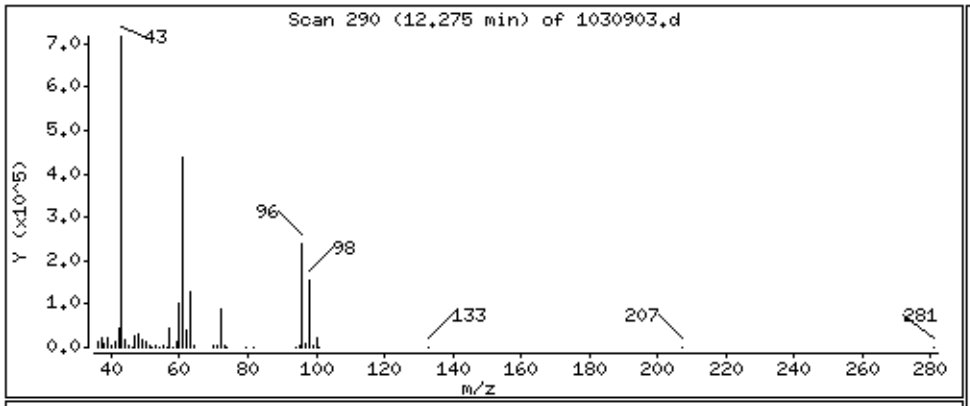
Operator: sjr

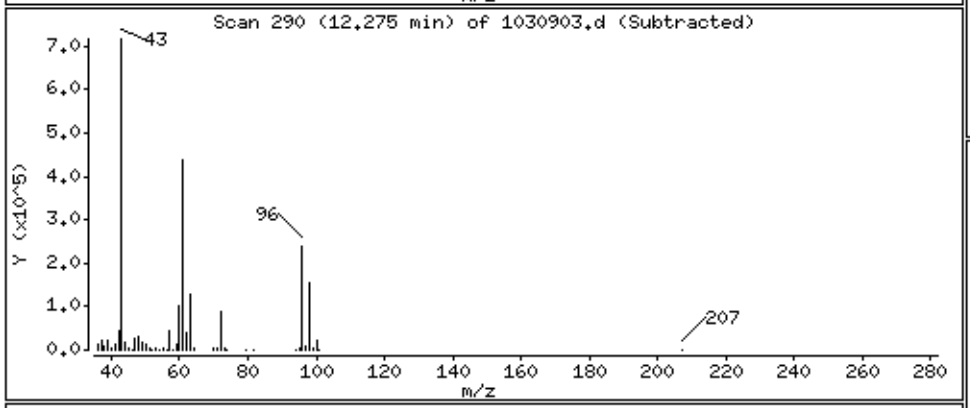
Column phase: RTx-624

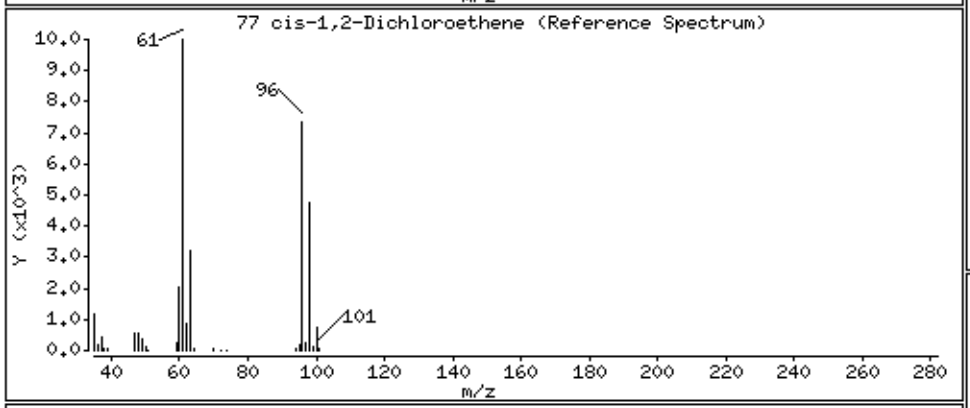
Column diameter: 0.53

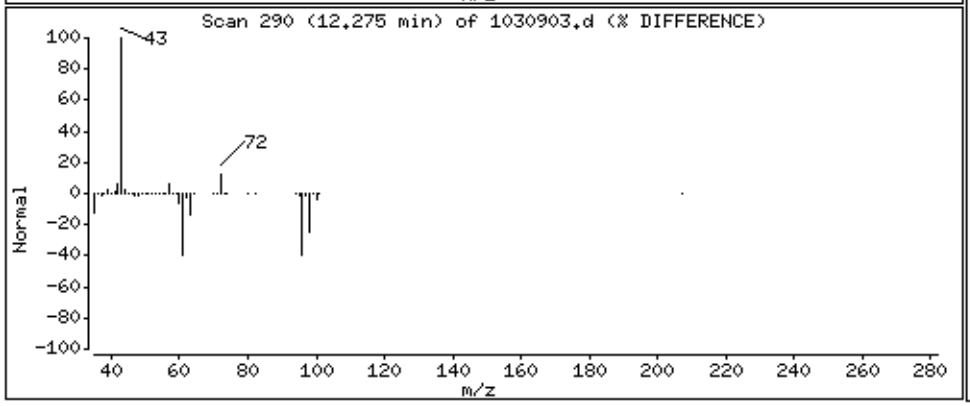
77 cis-1,2-Dichloroethene

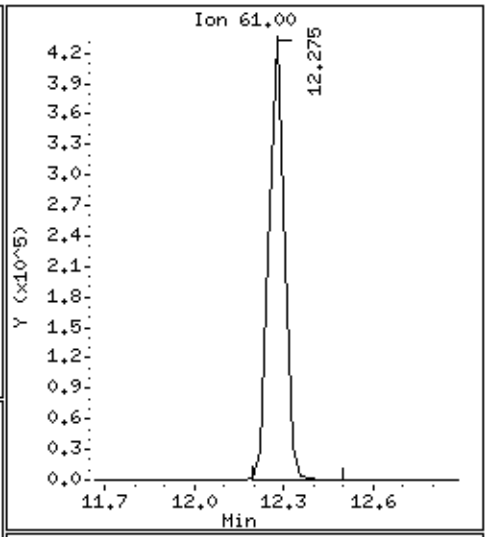
Concentration: 56.403 PPBV

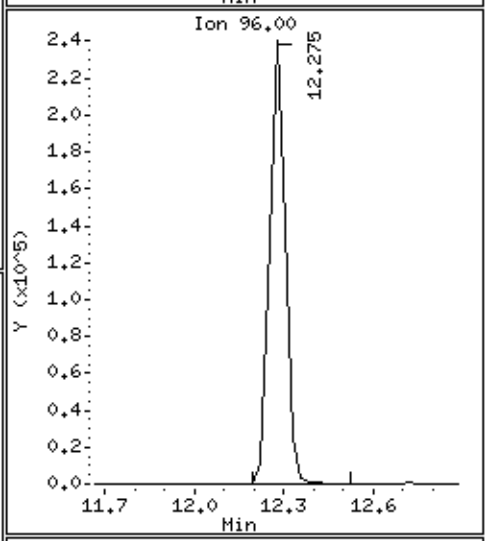


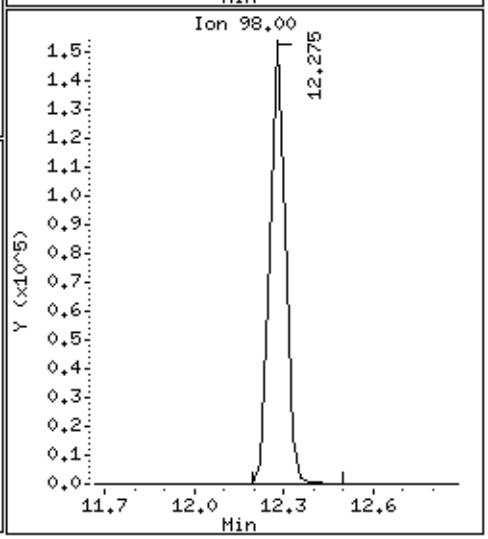












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

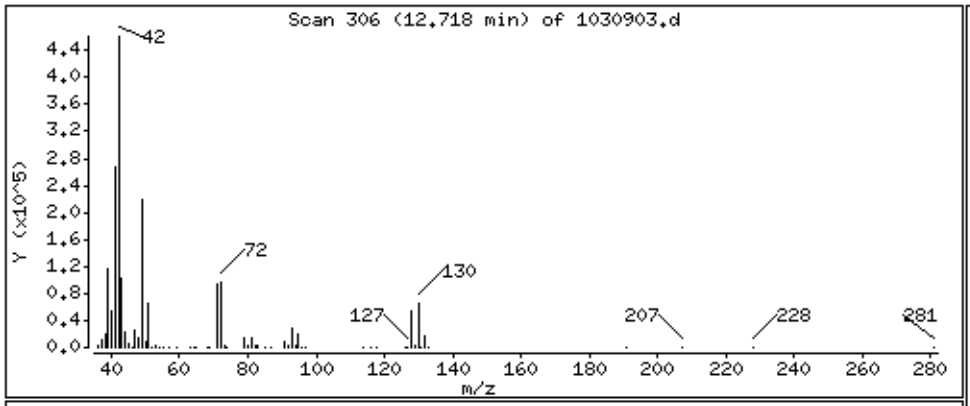
Operator: sjr

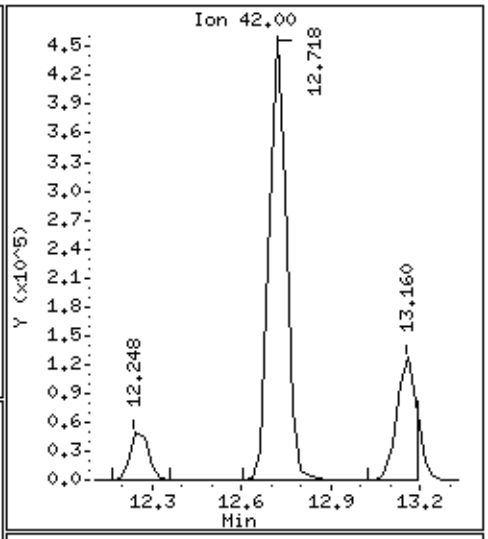
Column phase: RTx-624

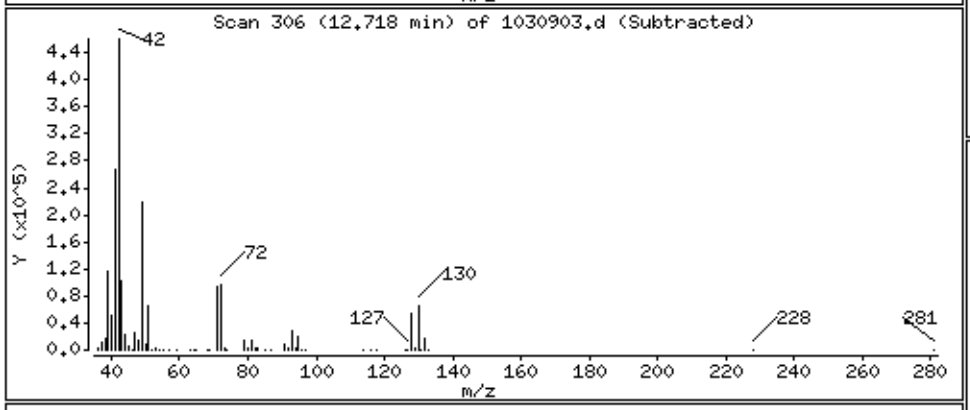
Column diameter: 0.53

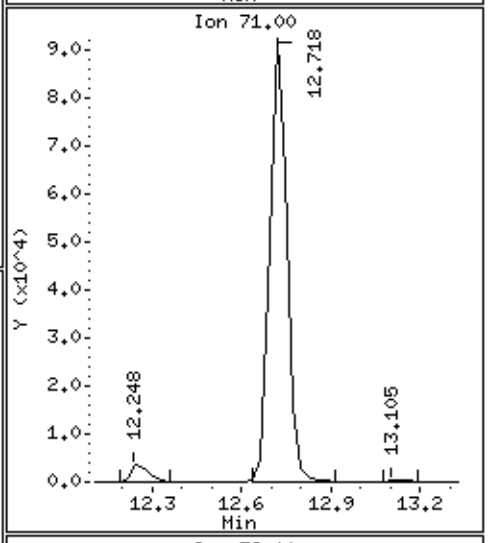
79 Tetrahydrofuran

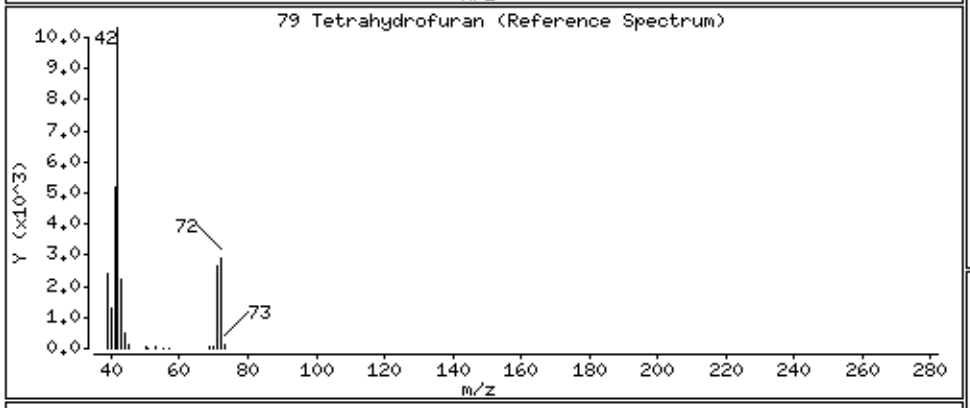
Concentration: 59.155 PPBV

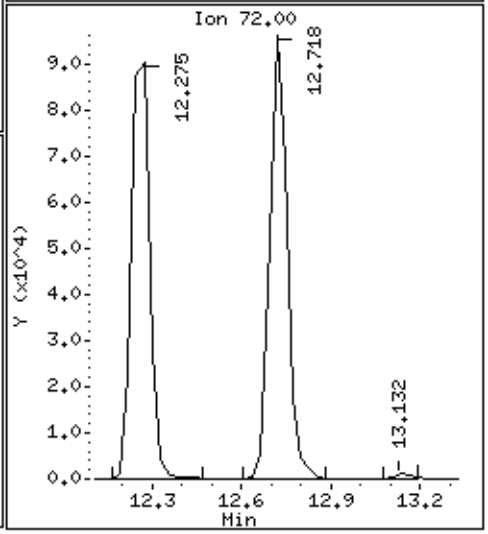


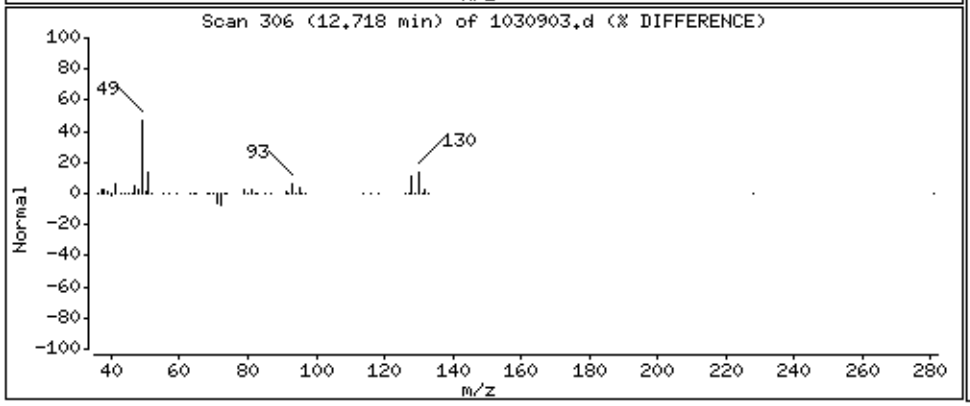












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

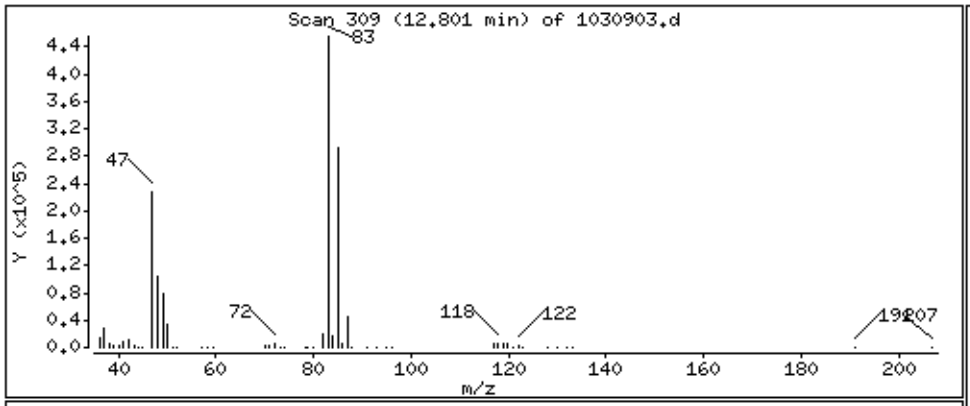
Operator: sjr

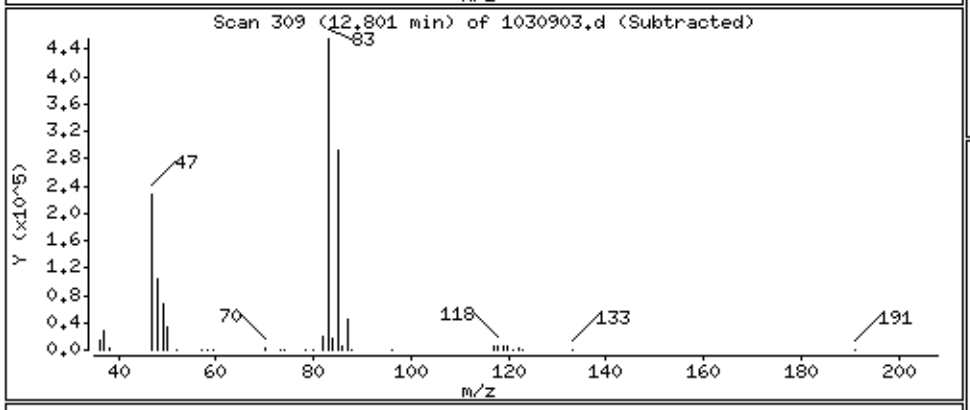
Column phase: RTx-624

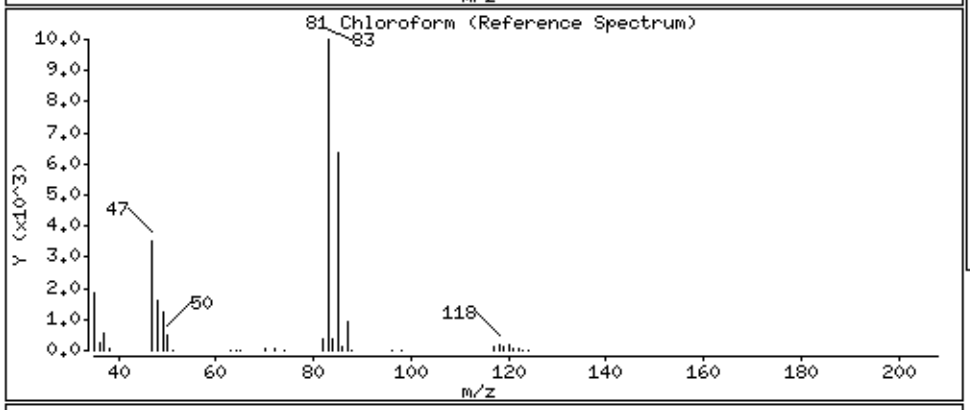
Column diameter: 0.53

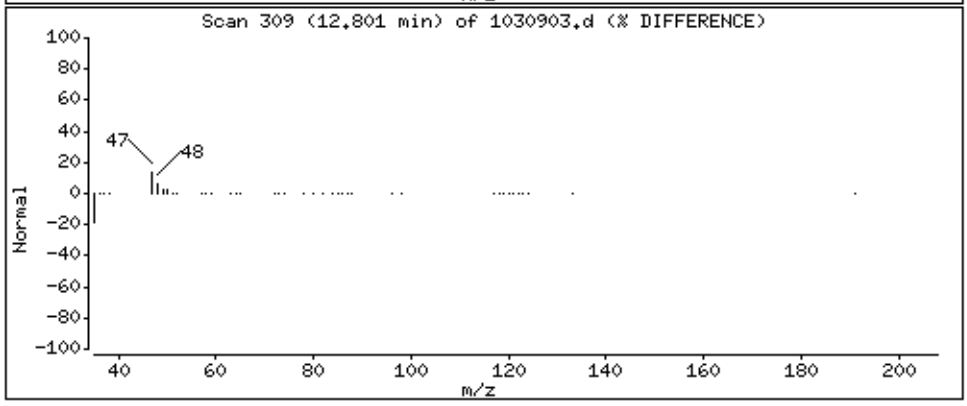
81 Chloroform

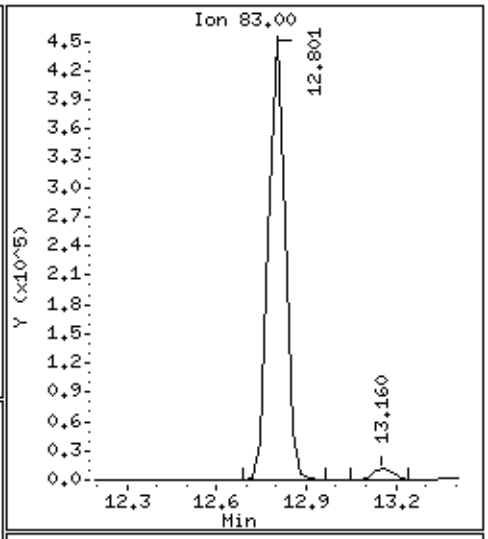
Concentration: 59.991 PPBV

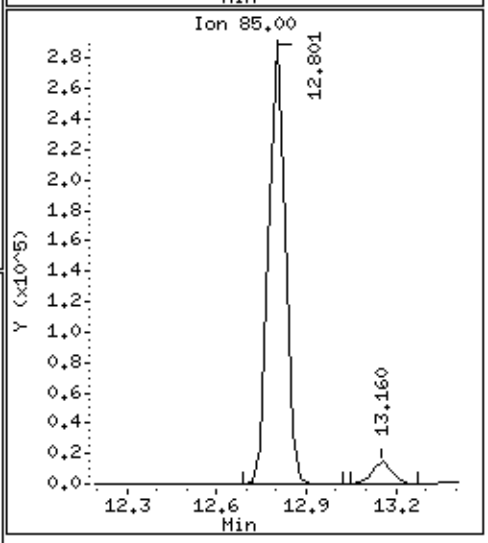












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

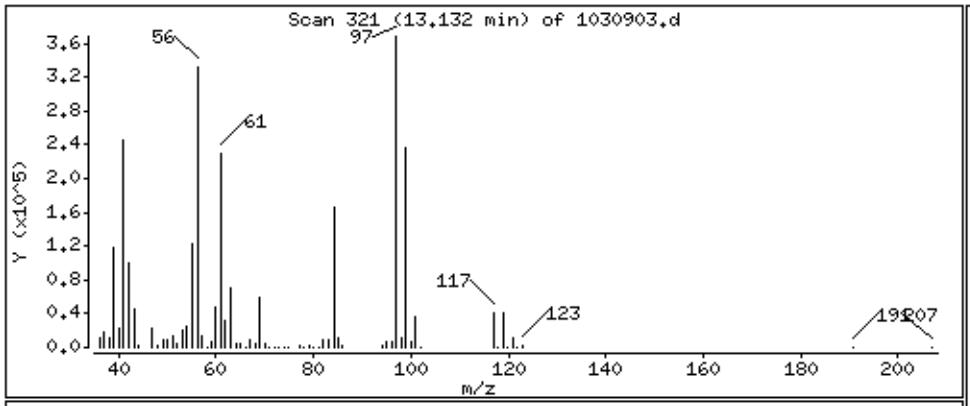
Client ID: LCS-1 Instrument: msd1.i

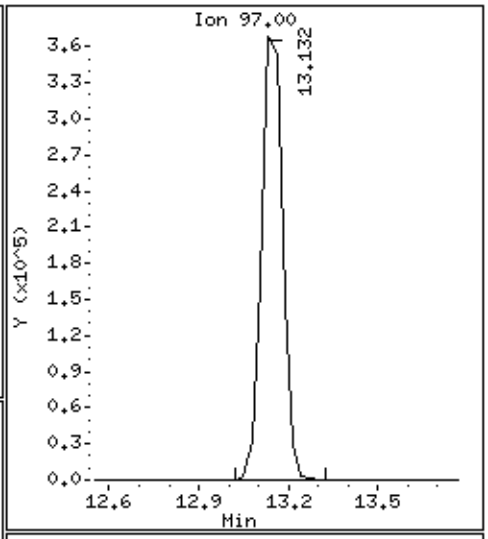
Sample Info: 50mL #1408-386

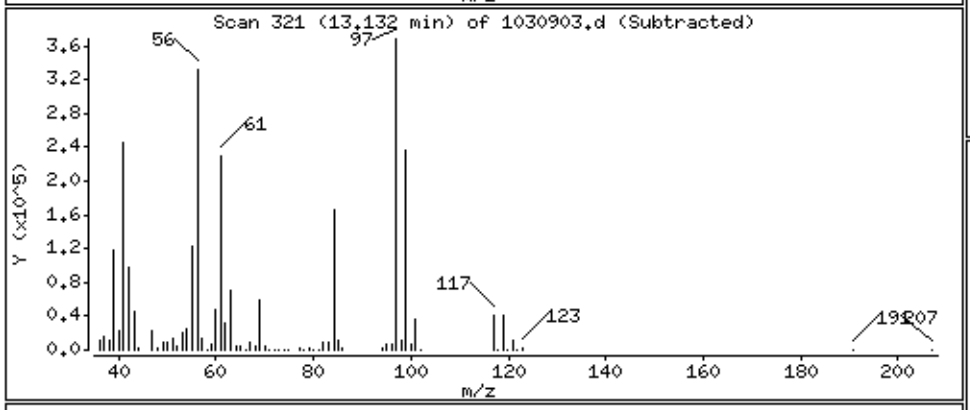
Operator: sjr

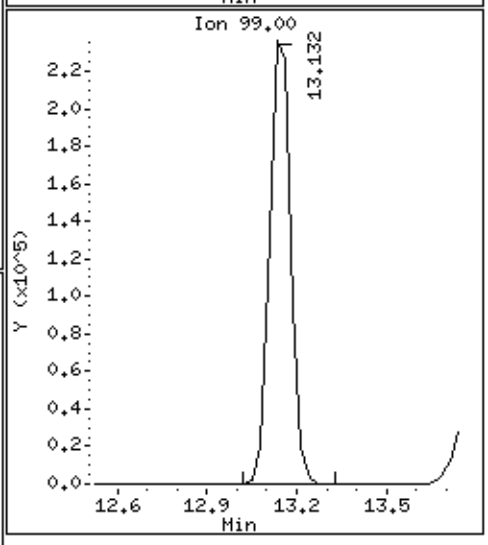
Column phase: RTx-624 Column diameter: 0.53

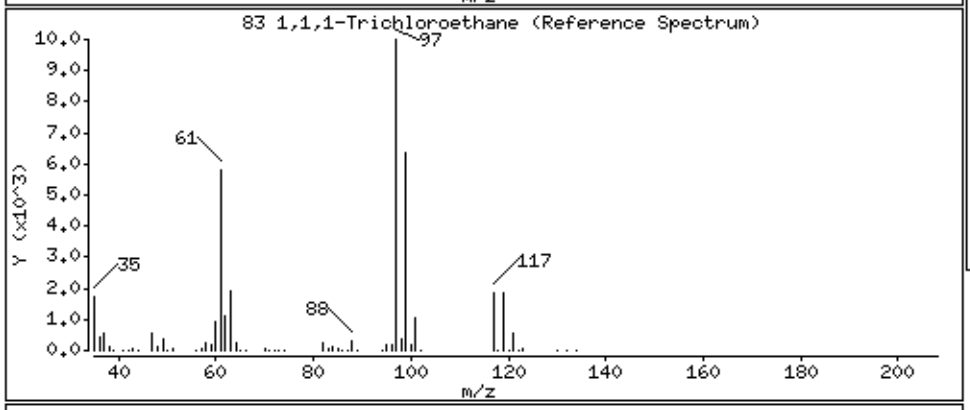
83 1,1,1-Trichloroethane Concentration: 57.973 PPBV

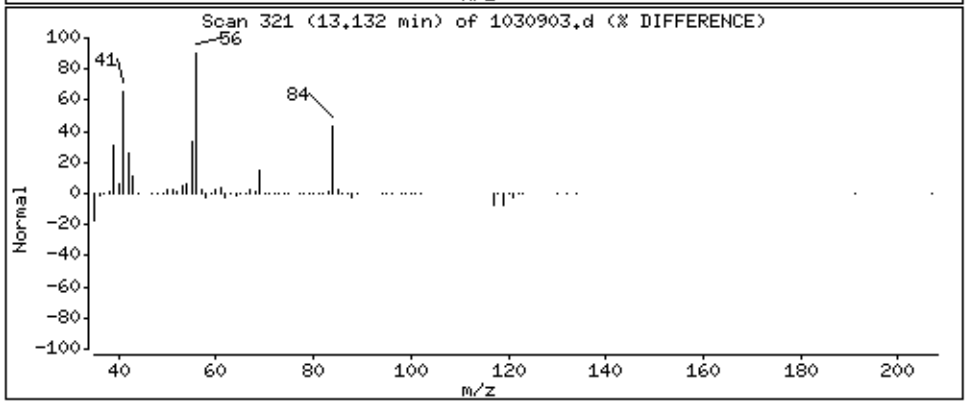












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

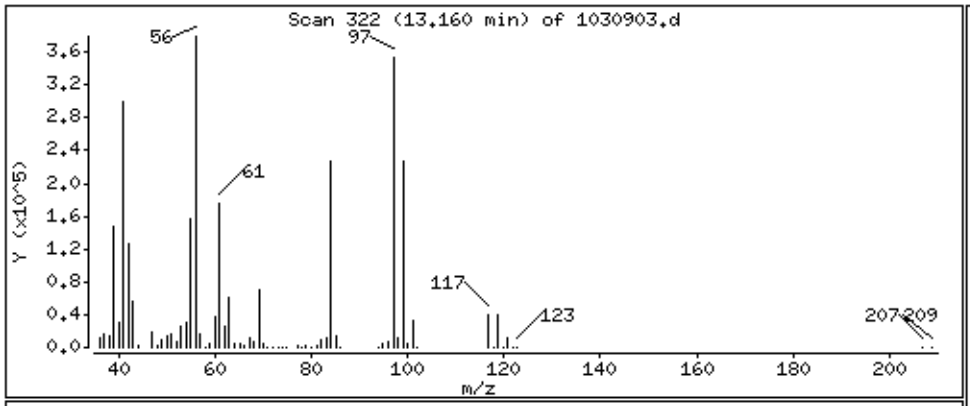
Operator: sjr

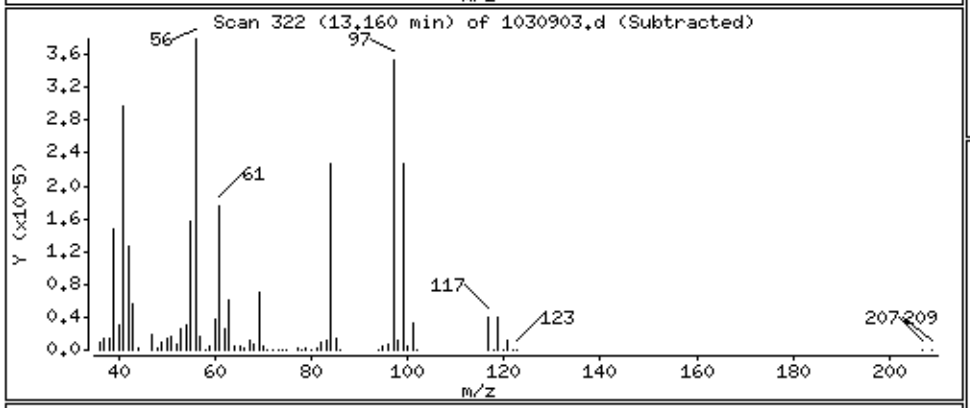
Column phase: RTx-624

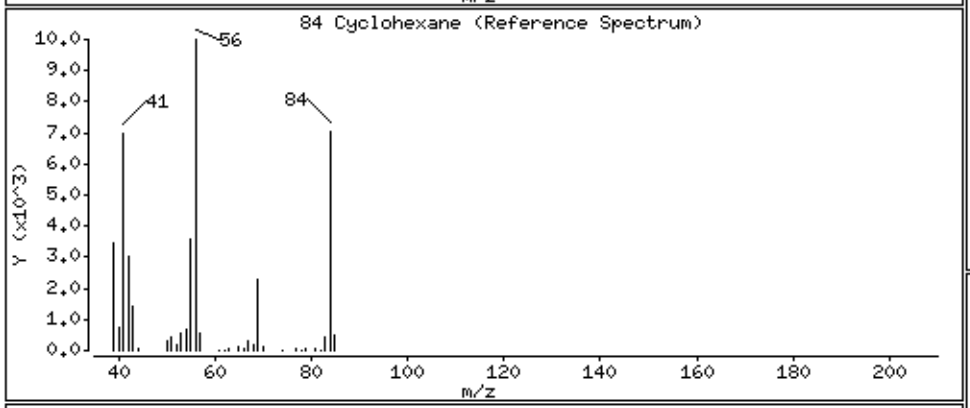
Column diameter: 0.53

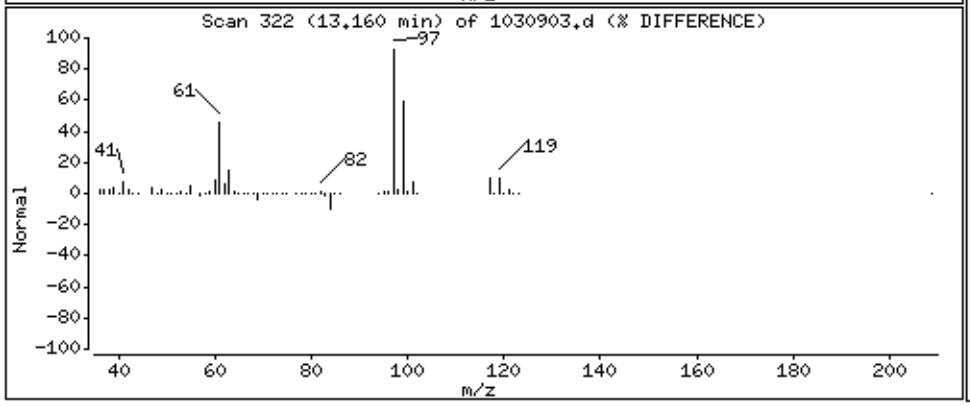
84 Cyclohexane

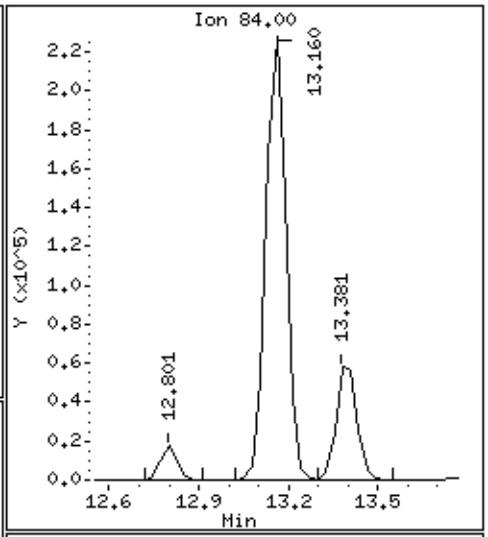
Concentration: 56.509 PPBV

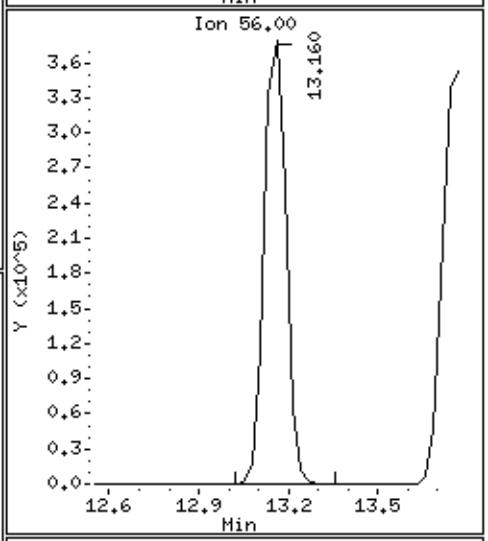


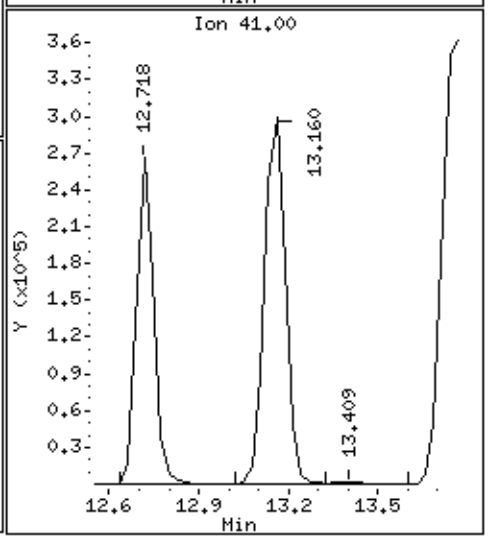












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

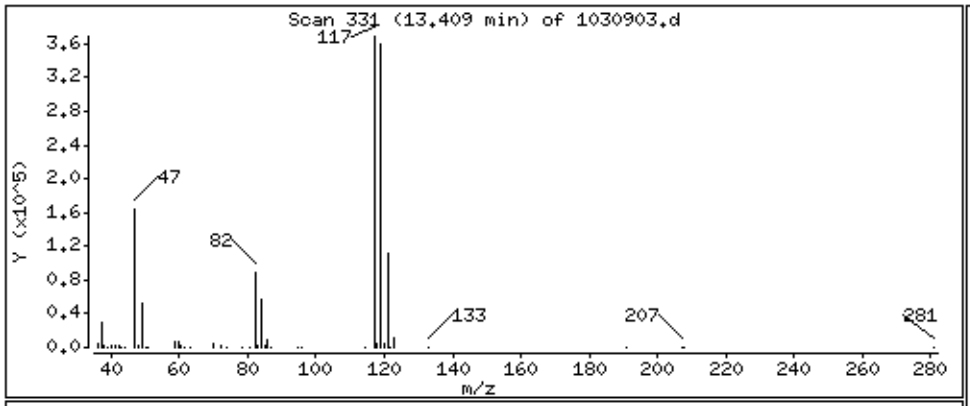
Operator: sjr

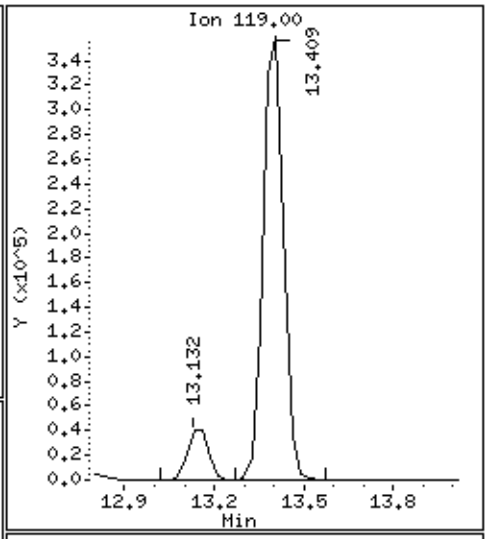
Column phase: RTx-624

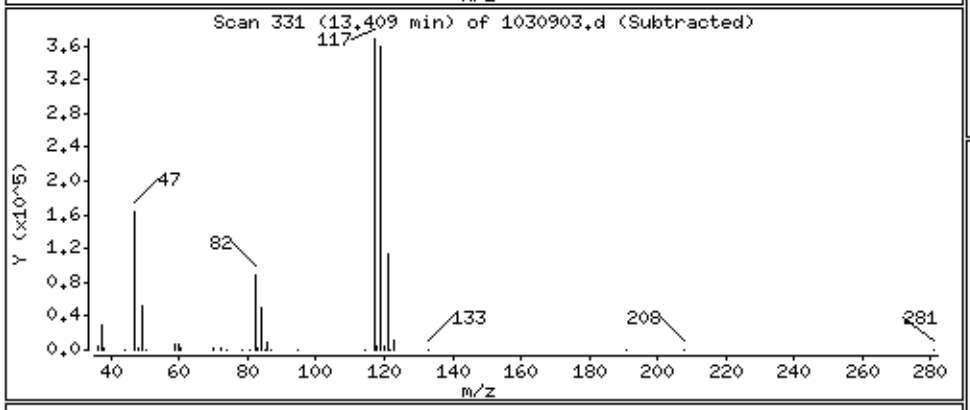
Column diameter: 0.53

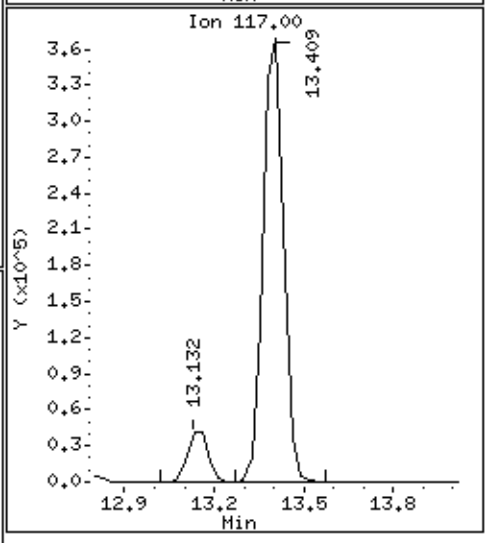
86 Carbon Tetrachloride

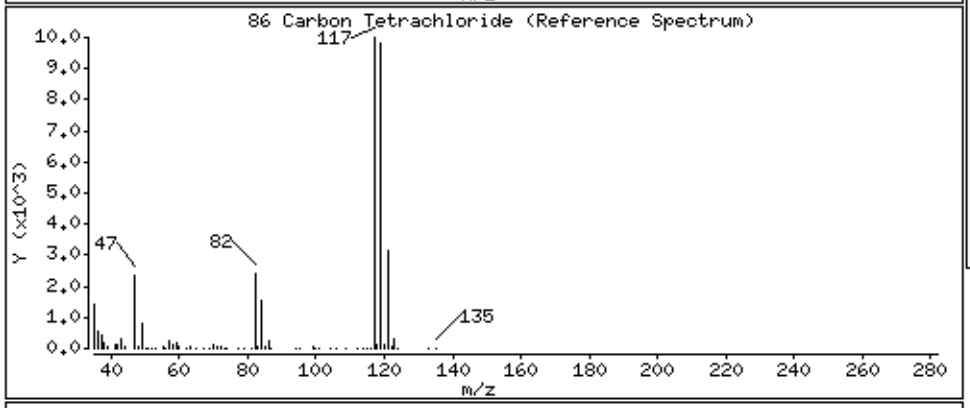
Concentration: 57.650 PPBV

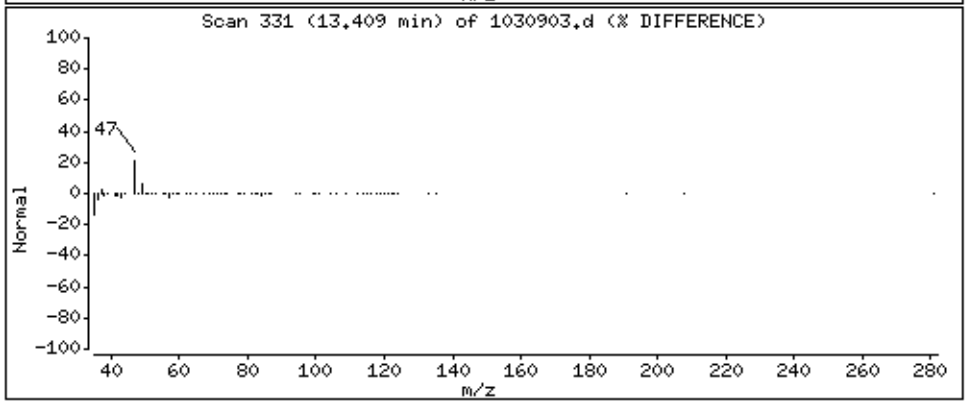












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

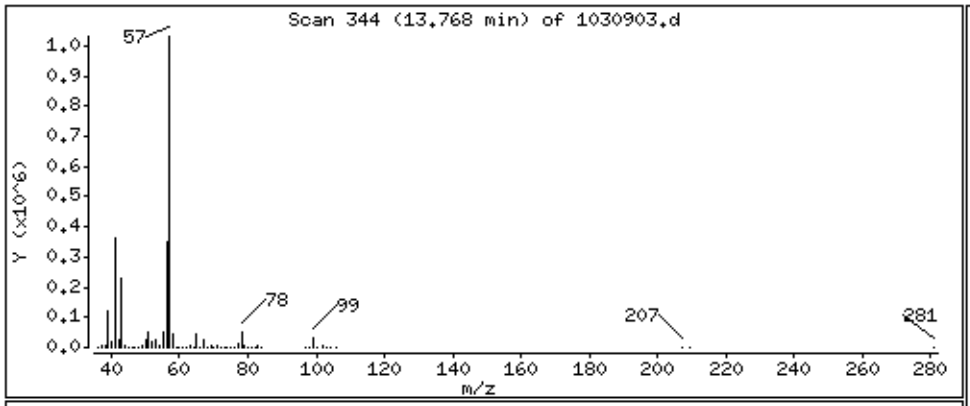
Operator: sjr

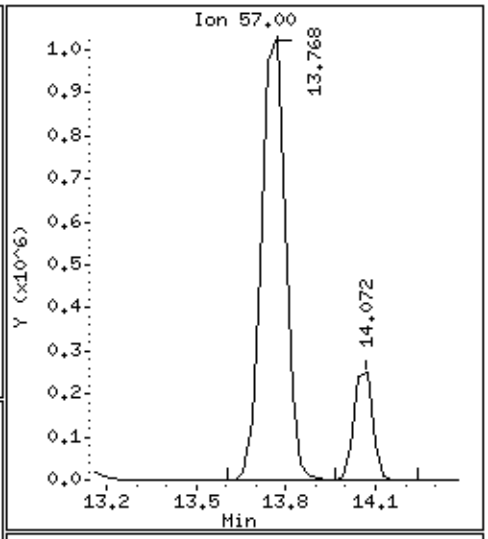
Column phase: RTx-624

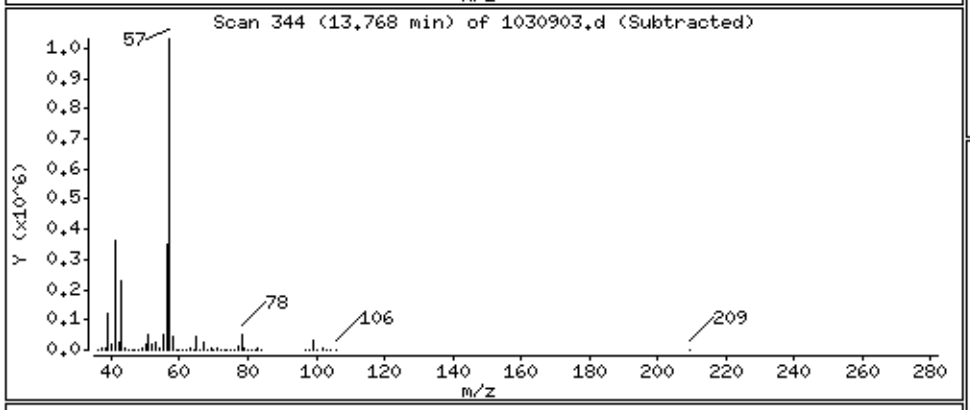
Column diameter: 0.53

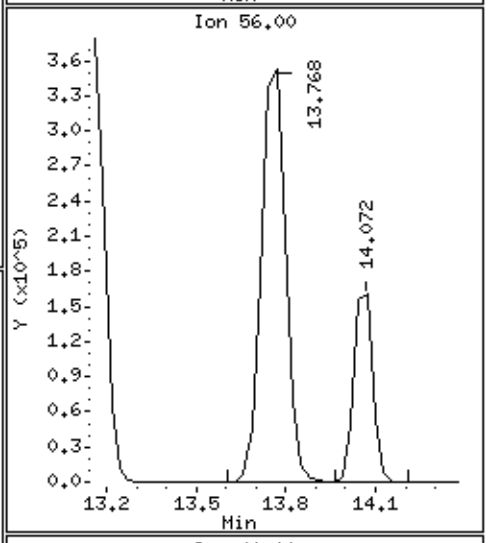
89 2,2,4-Trimethylpentane

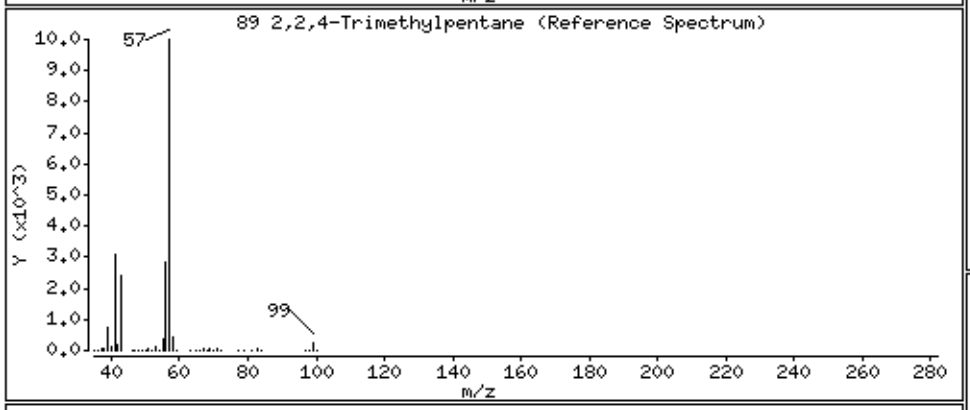
Concentration: 59.504 PPBV

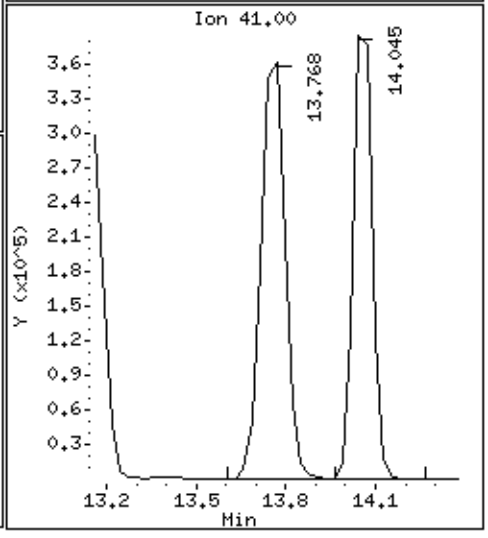


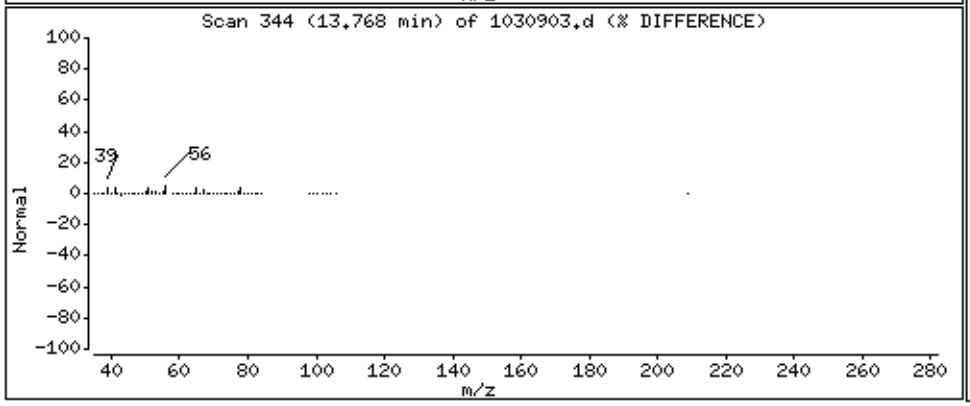












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

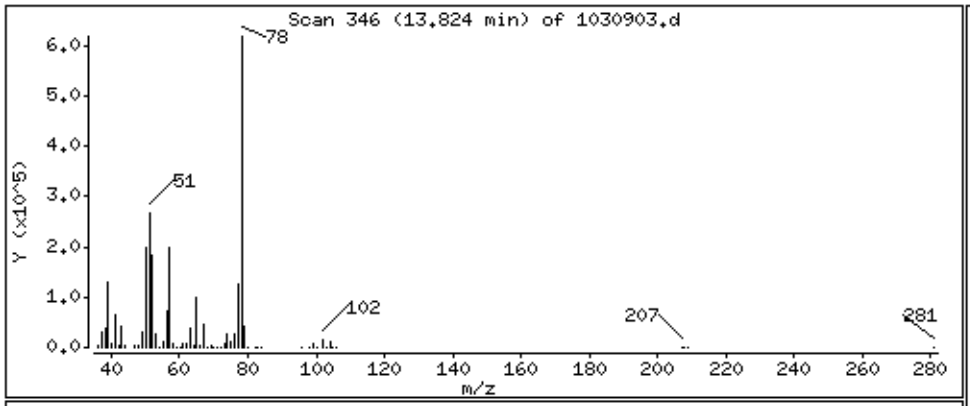
Operator: sjr

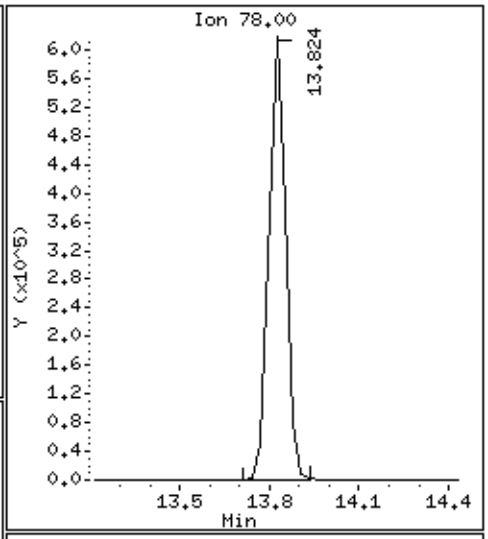
Column phase: RTx-624

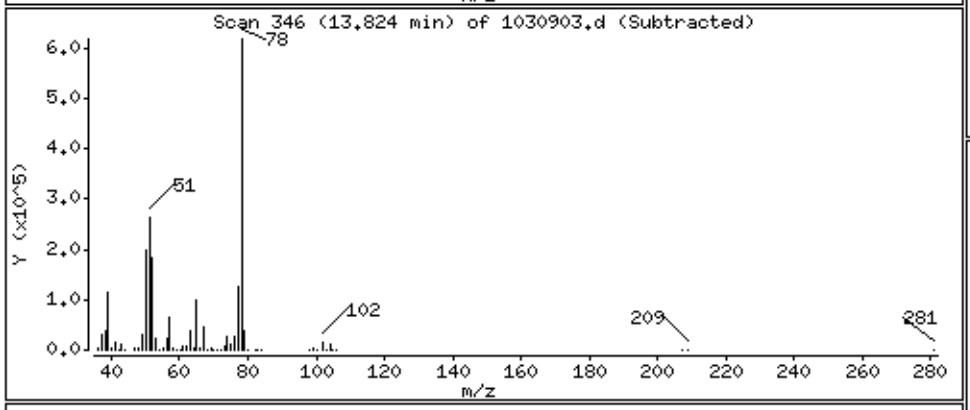
Column diameter: 0.53

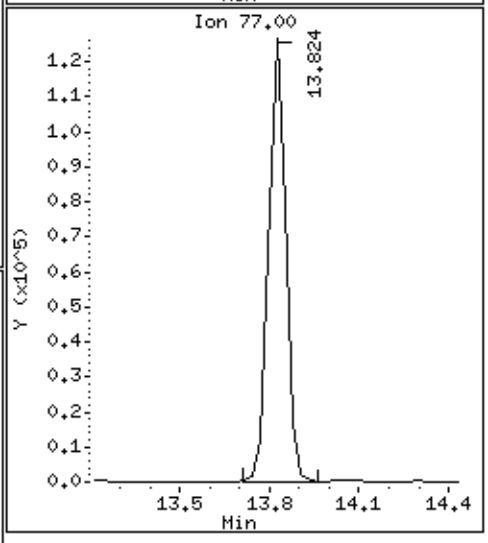
91 Benzene

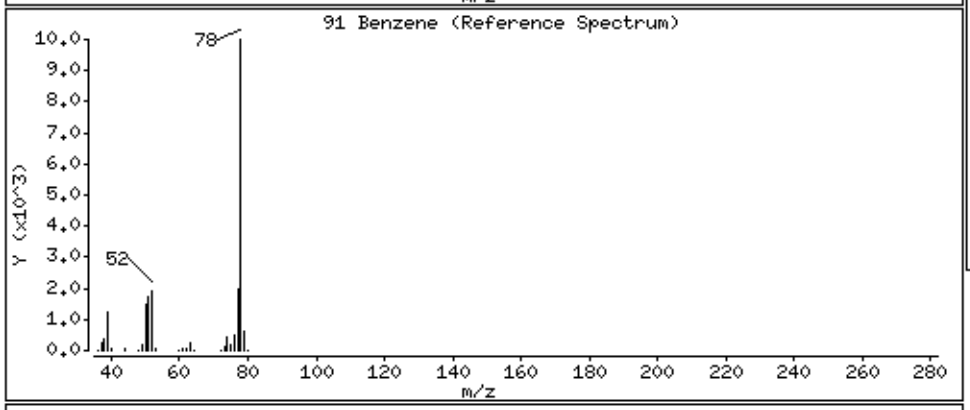
Concentration: 54.926 PPBV

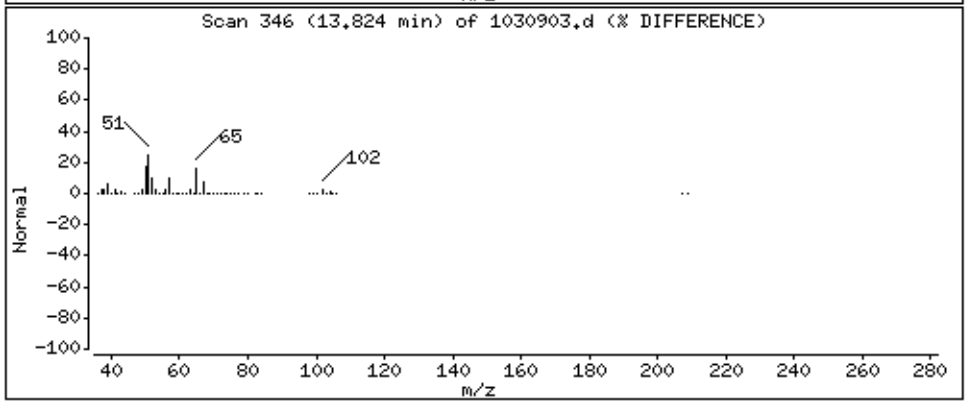












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

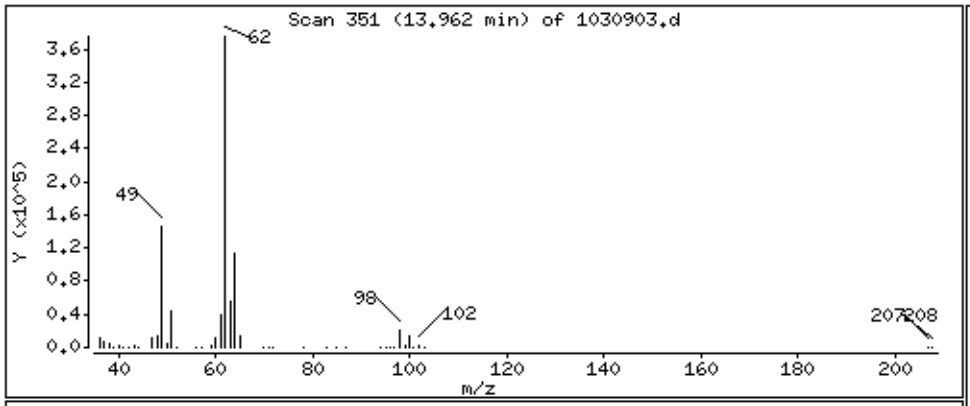
Operator: sjr

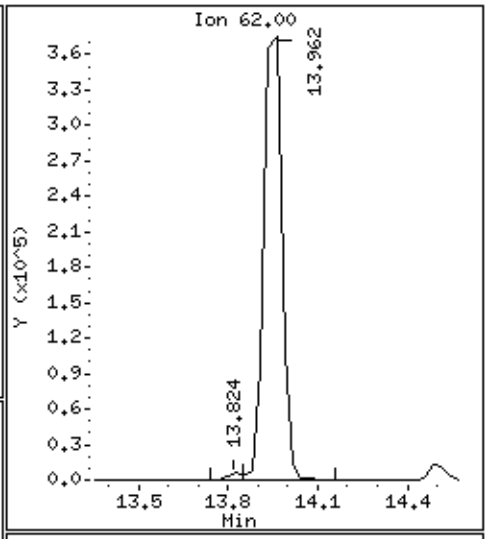
Column phase: RTx-624

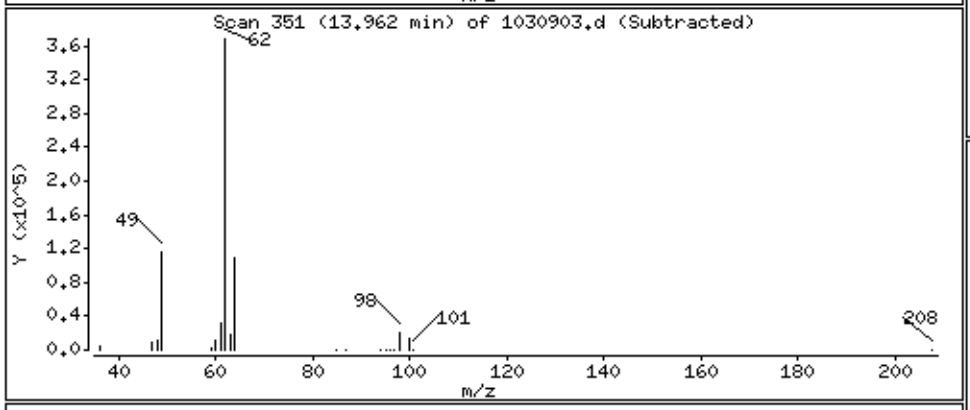
Column diameter: 0.53

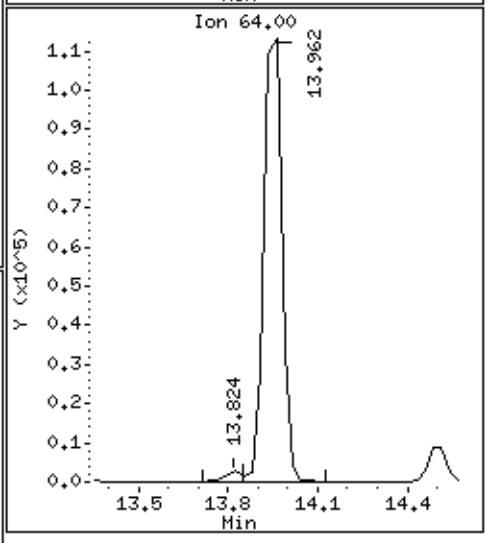
93 1,2-Dichloroethane

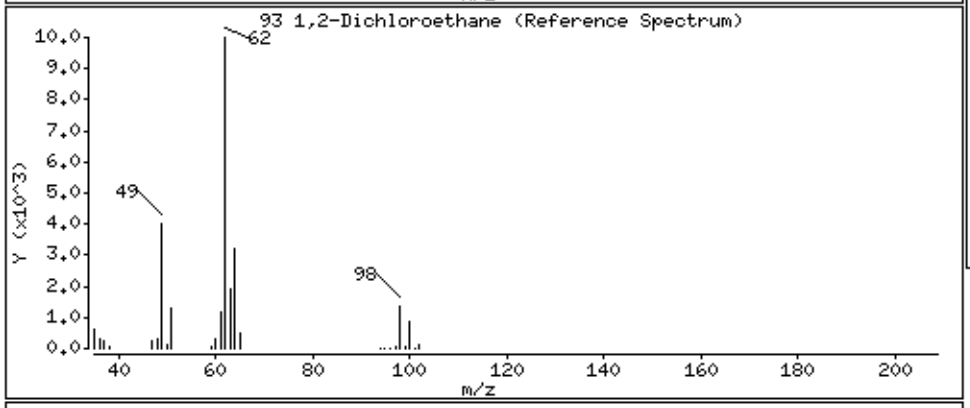
Concentration: 62.031 PPBV

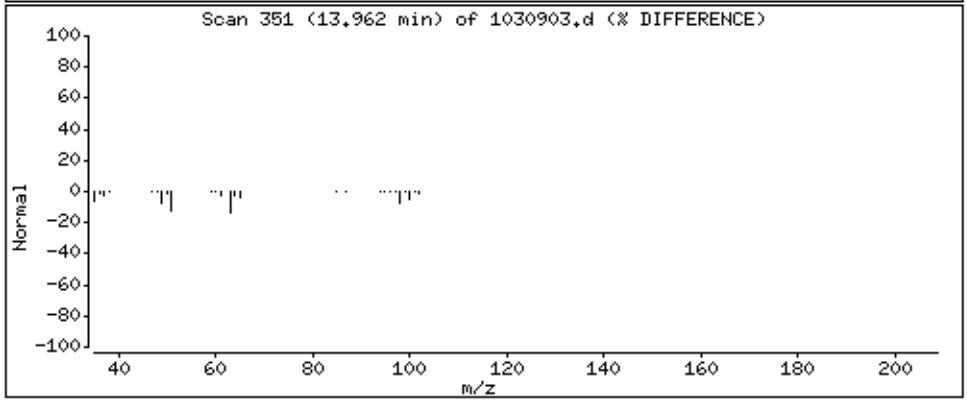












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

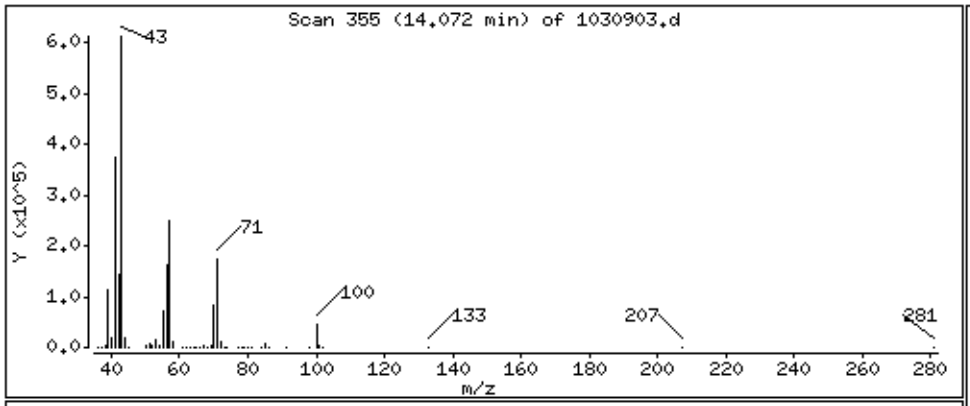
Operator: sjr

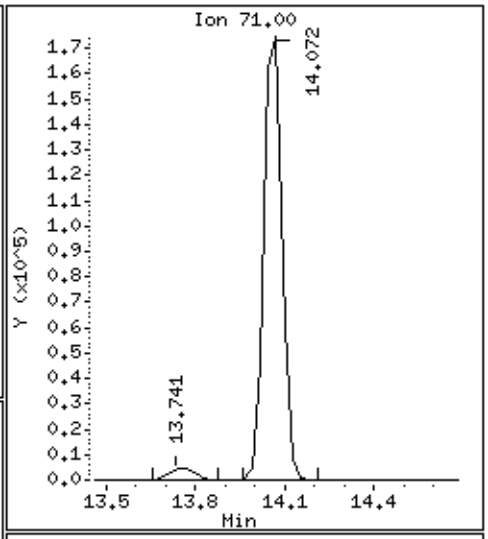
Column phase: RTx-624

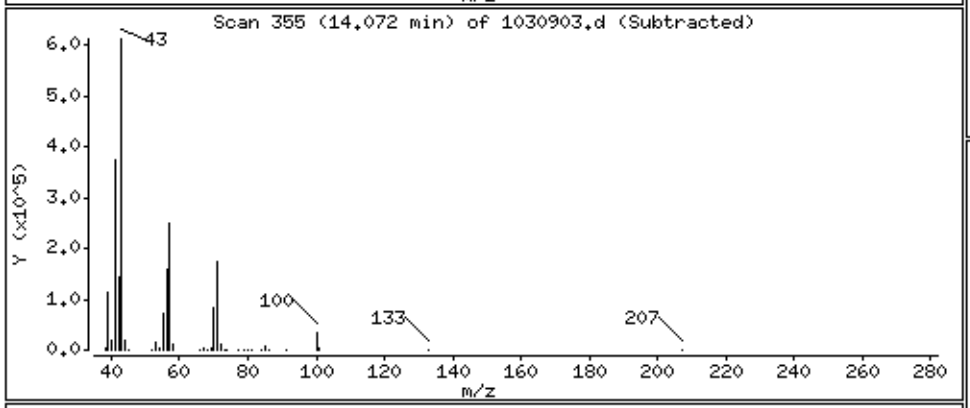
Column diameter: 0.53

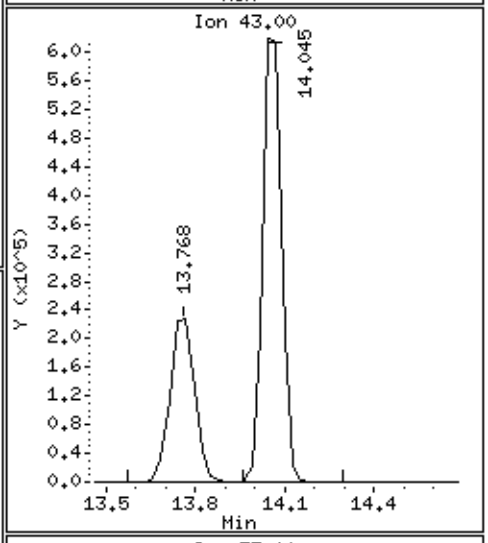
94 Heptane

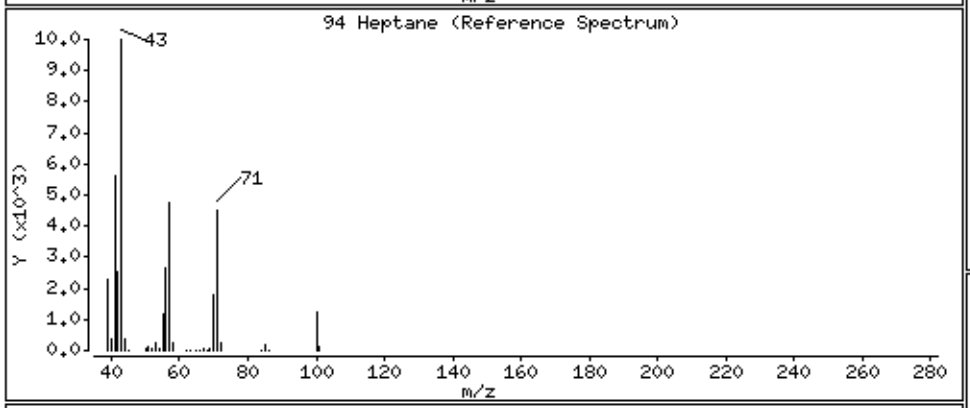
Concentration: 57.230 PPBV

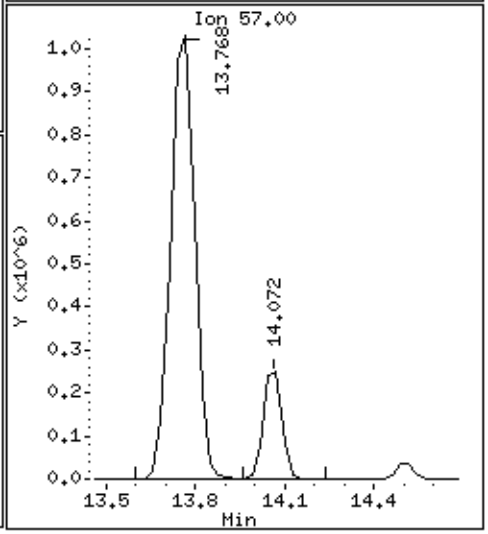


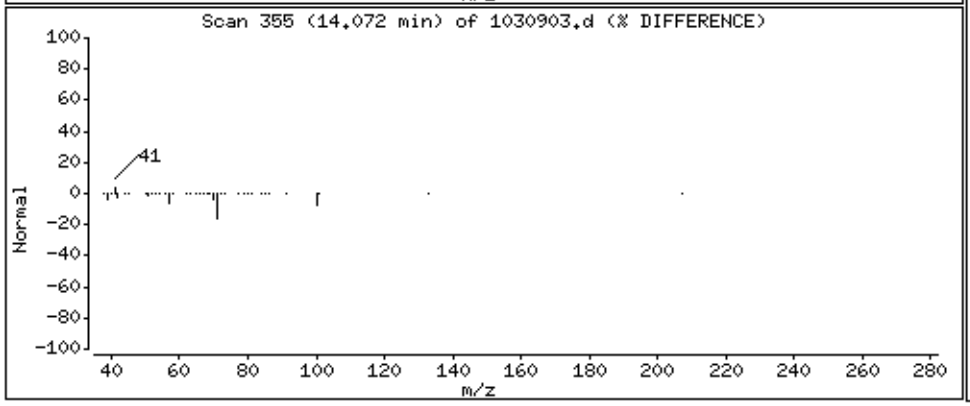












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

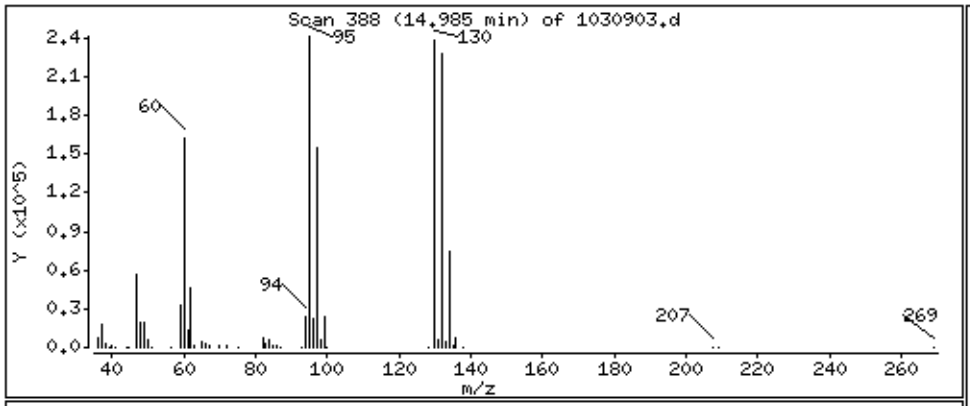
Operator: sjr

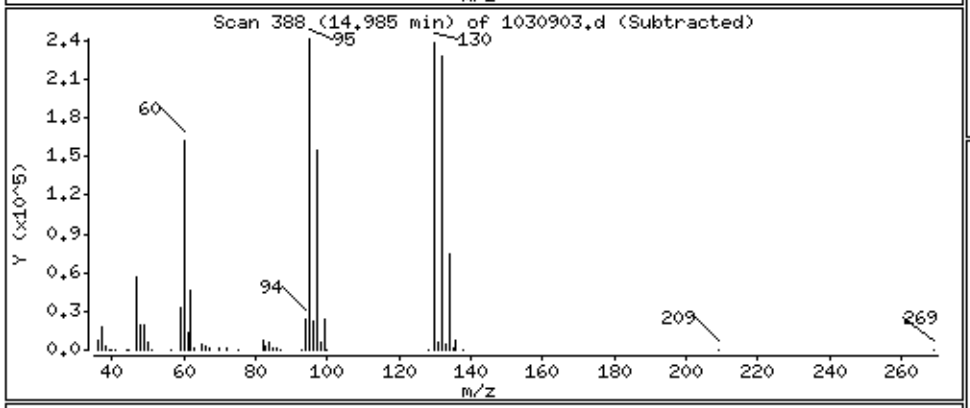
Column phase: RTx-624

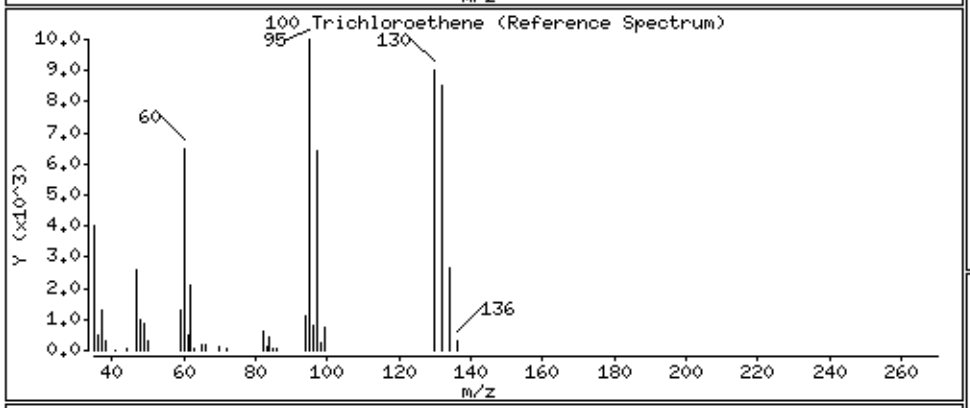
Column diameter: 0.53

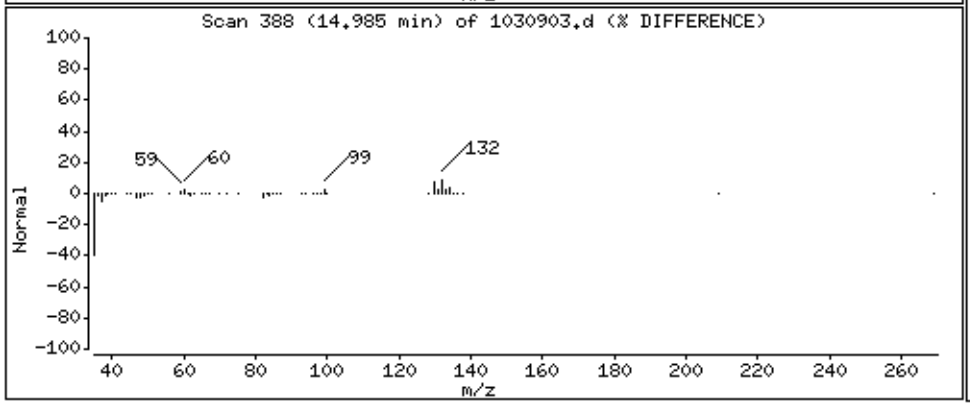
100 Trichloroethene

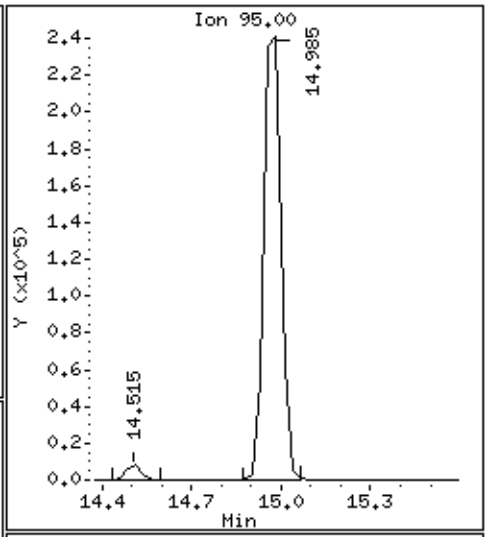
Concentration: 56.469 PPBV

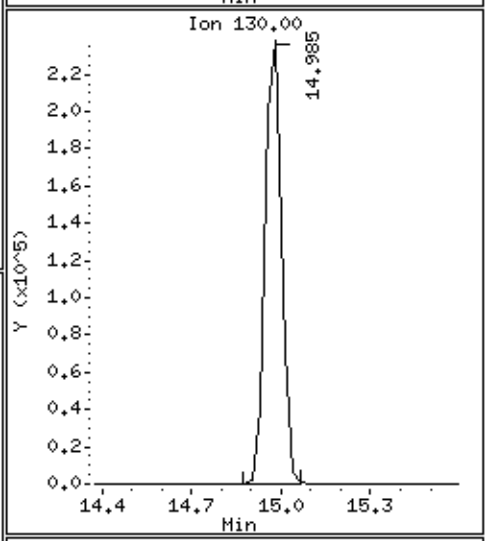


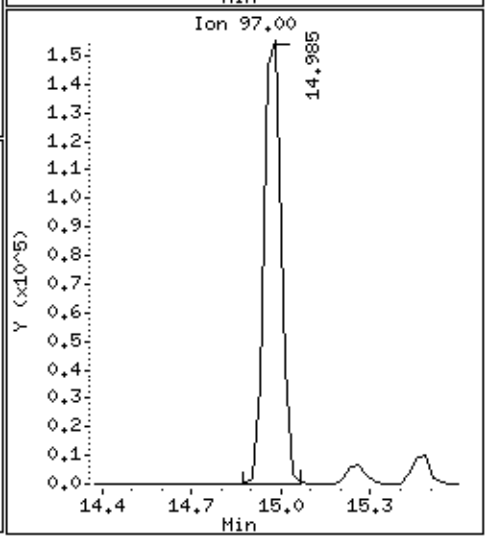












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

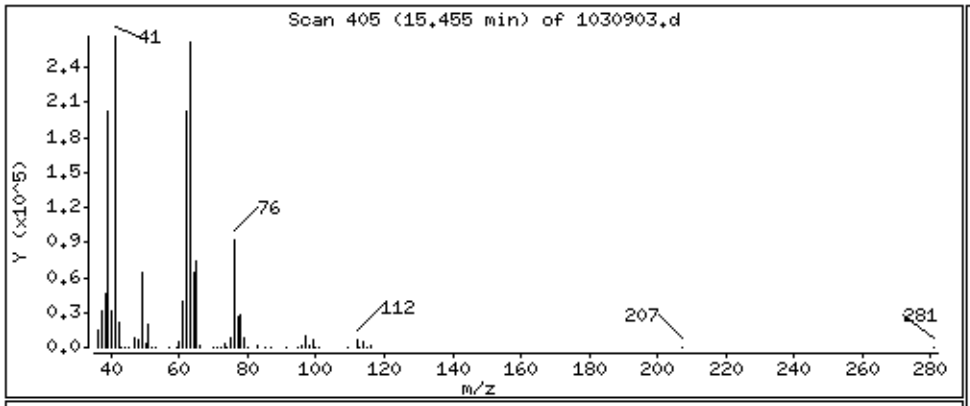
Operator: sjr

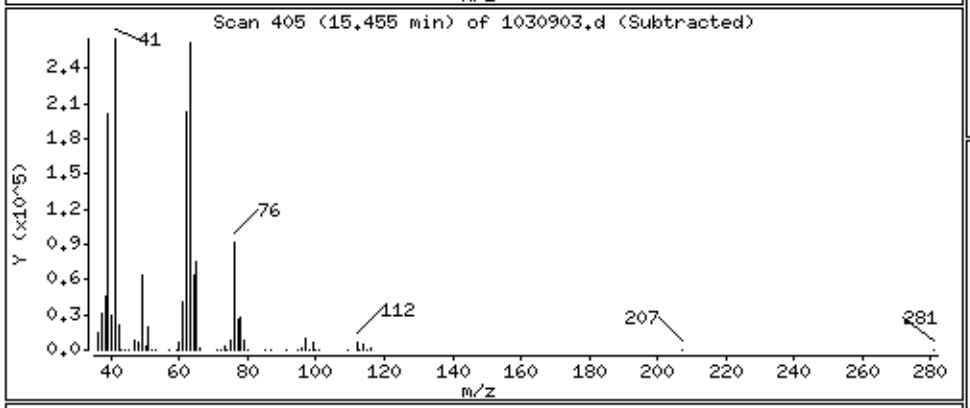
Column phase: RTx-624

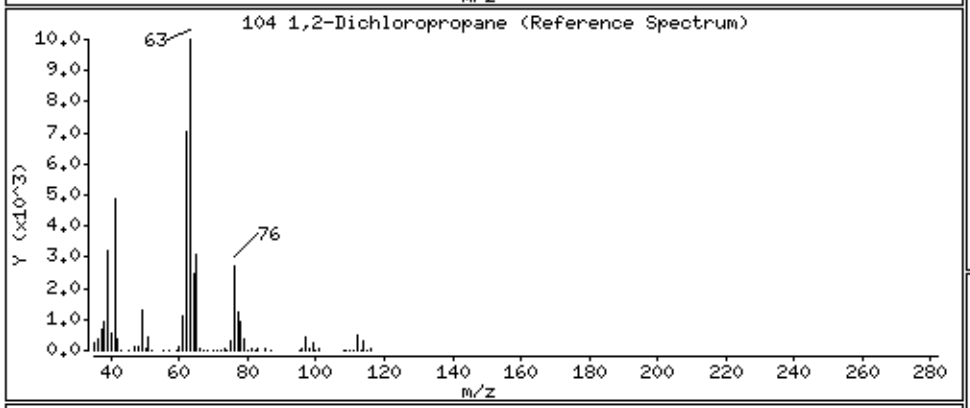
Column diameter: 0.53

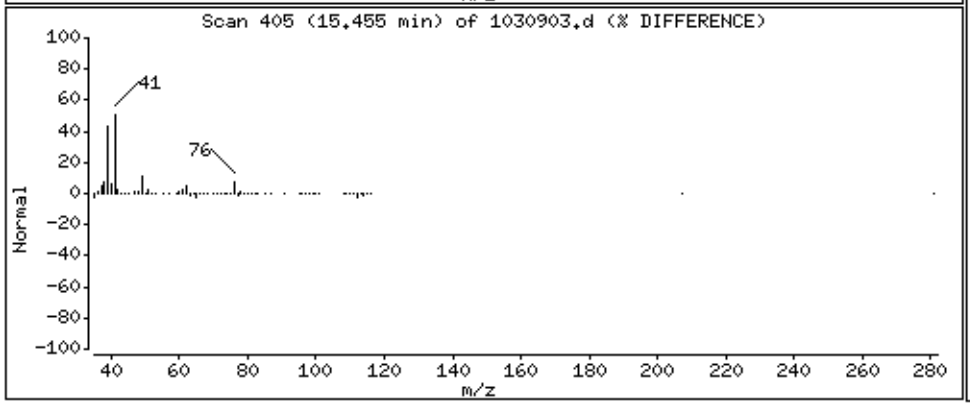
104 1,2-Dichloropropane

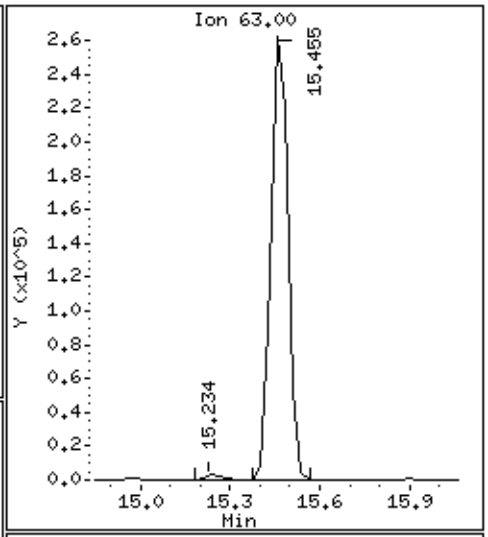
Concentration: 58.248 PPBV

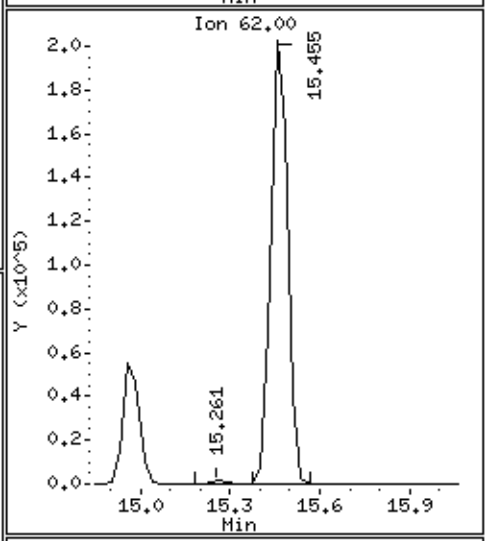


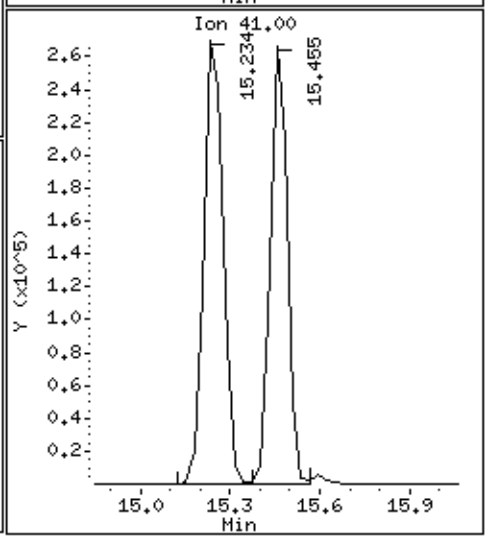












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

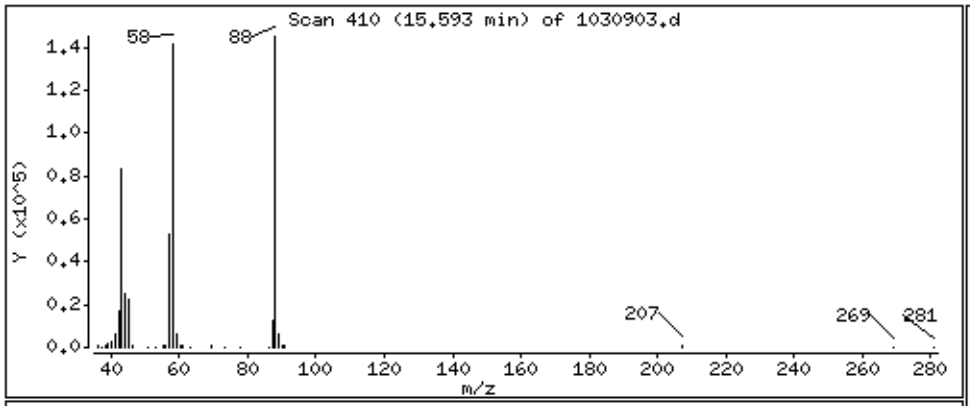
Operator: sjr

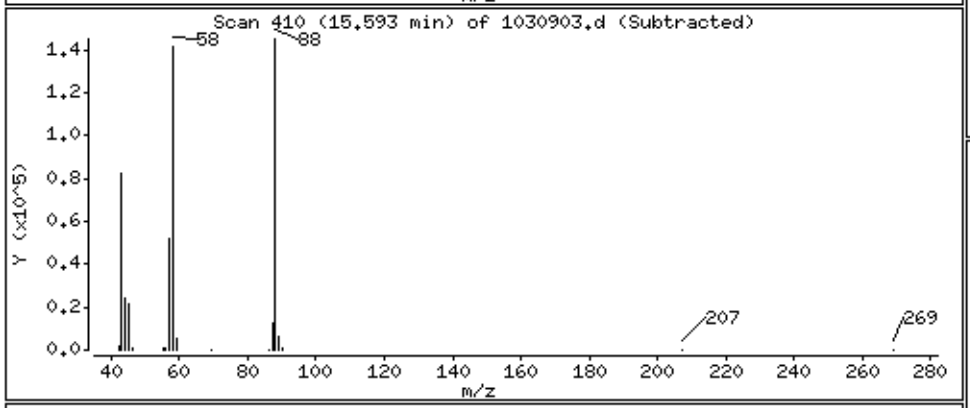
Column phase: RTx-624

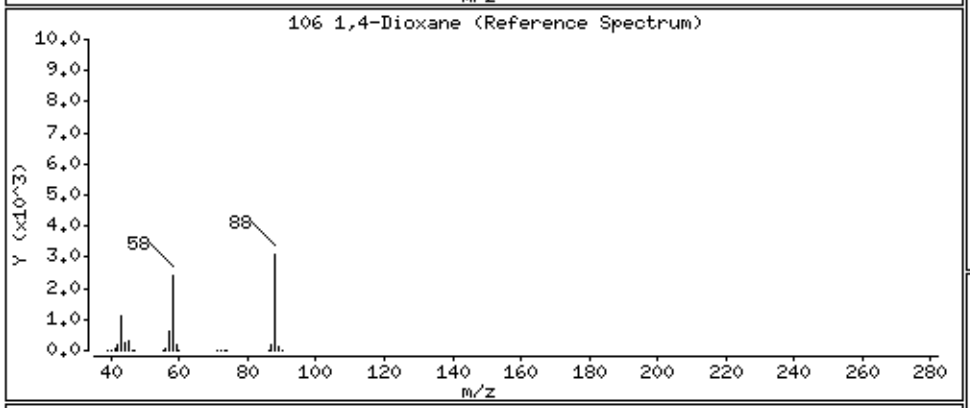
Column diameter: 0.53

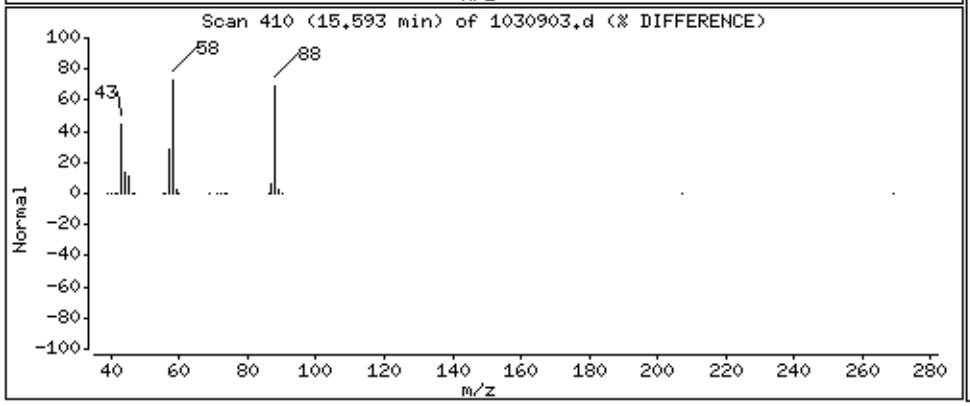
106 1,4-Dioxane

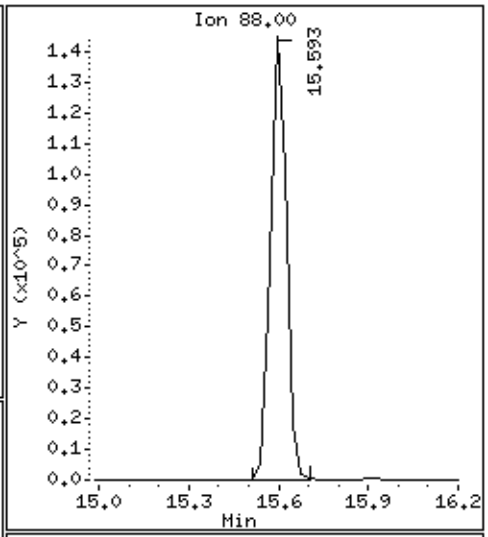
Concentration: 52.740 PPBV

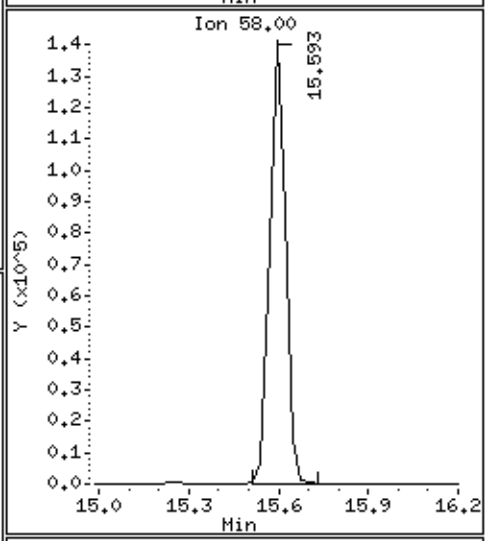


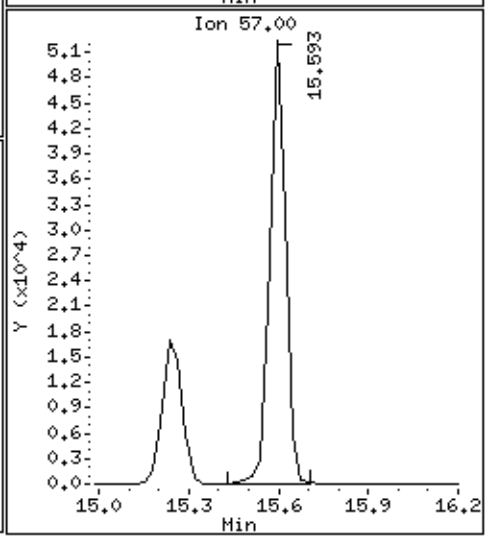












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

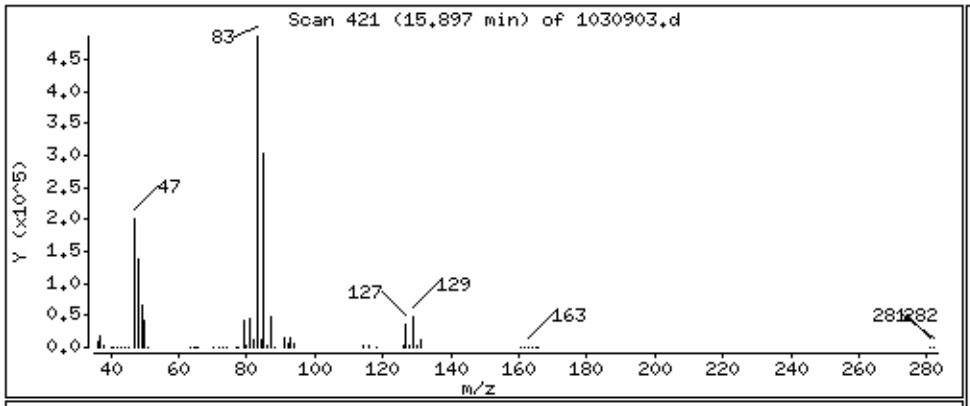
Operator: sjr

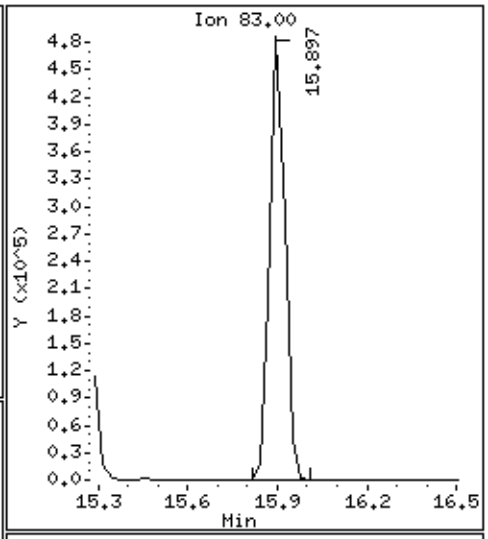
Column phase: RTx-624

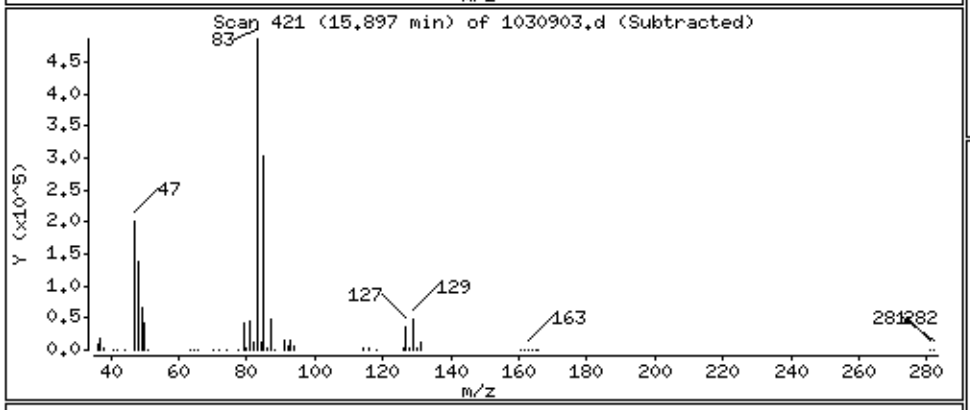
Column diameter: 0.53

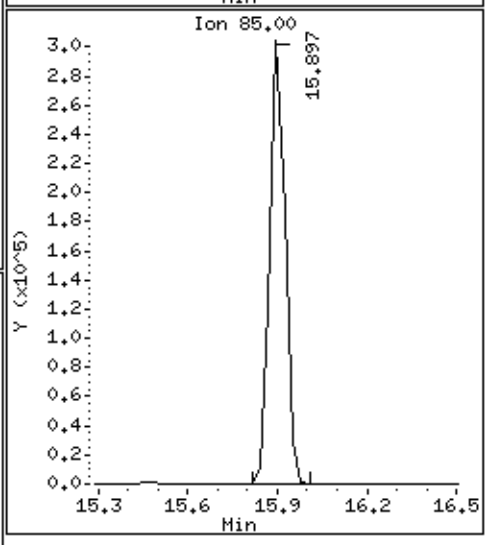
108 Bromodichloromethane

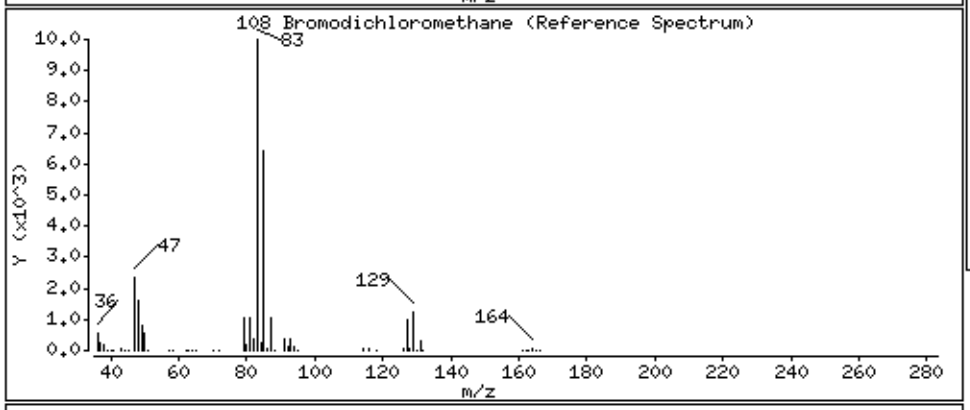
Concentration: 59.985 PPBV

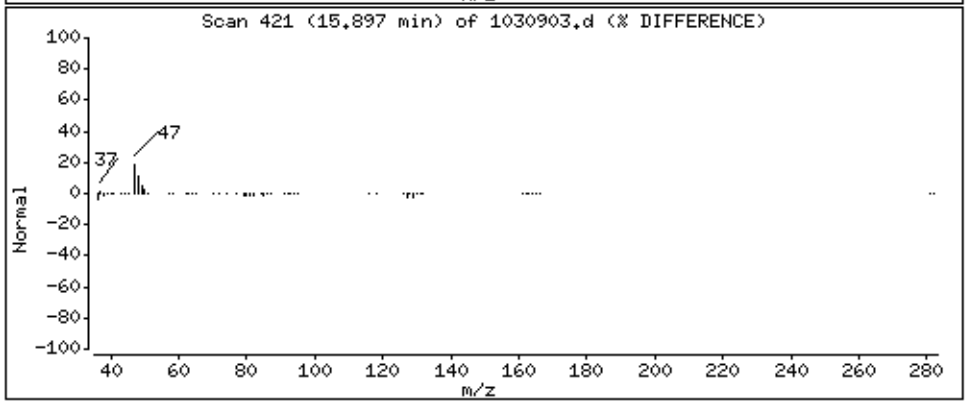












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

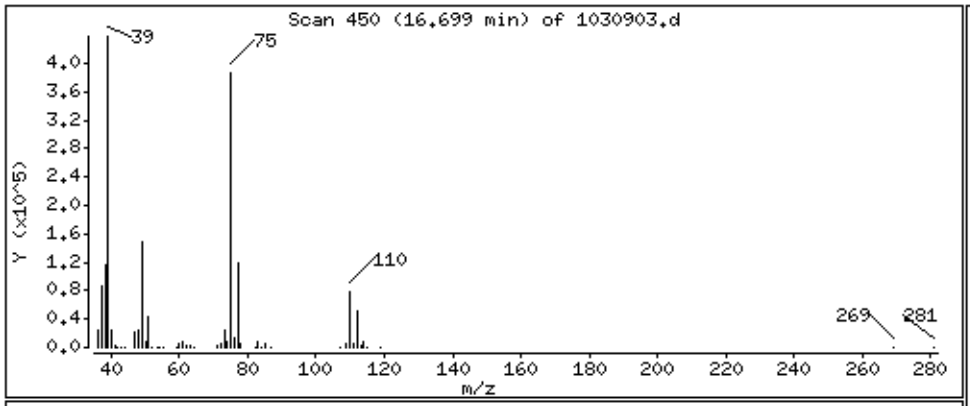
Operator: sjr

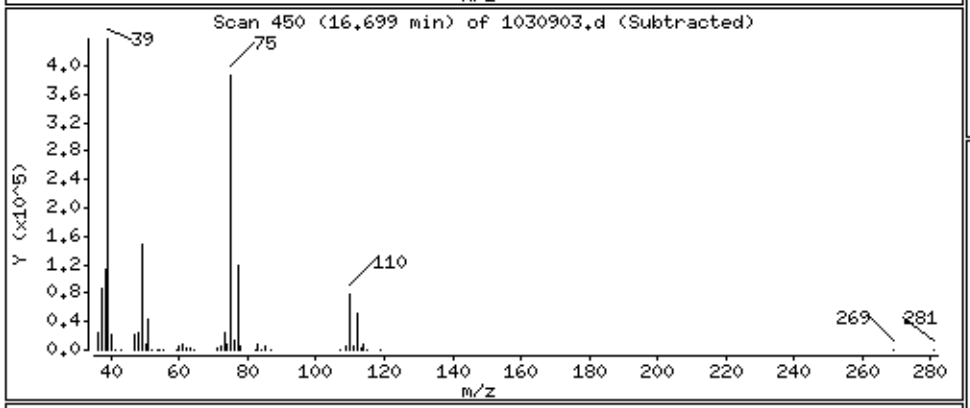
Column phase: RTx-624

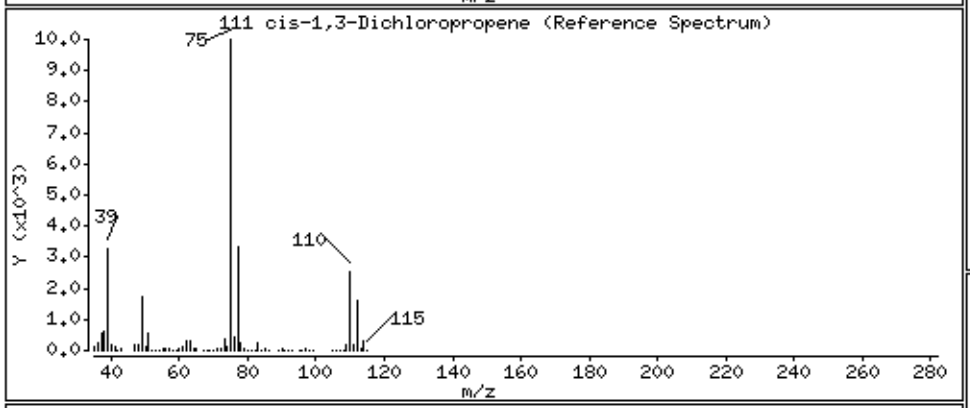
Column diameter: 0.53

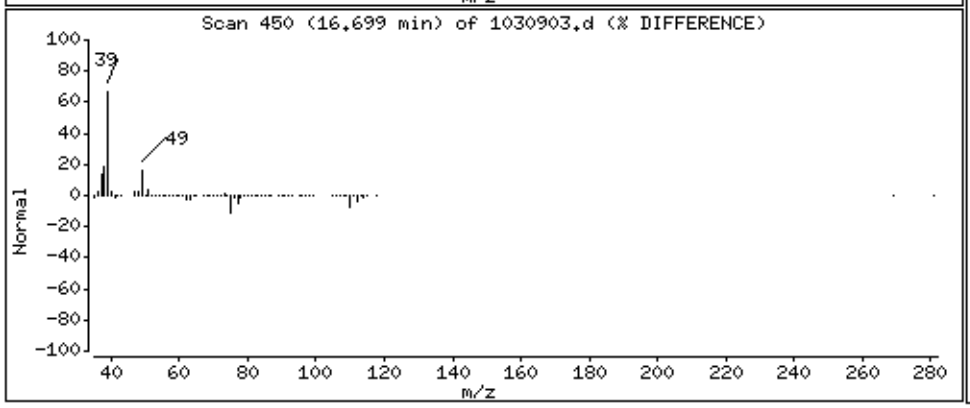
111 cis-1,3-Dichloropropene

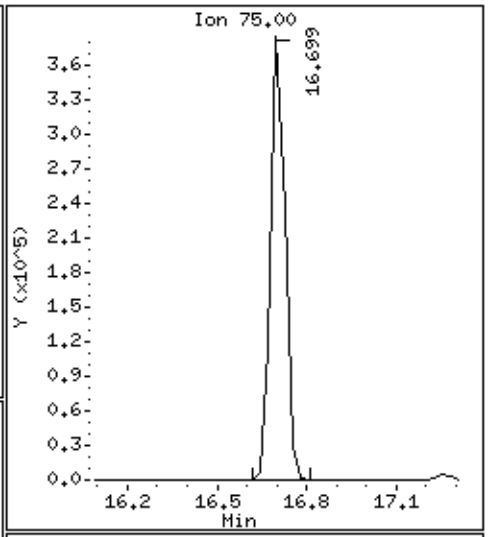
Concentration: 54.696 PPBV

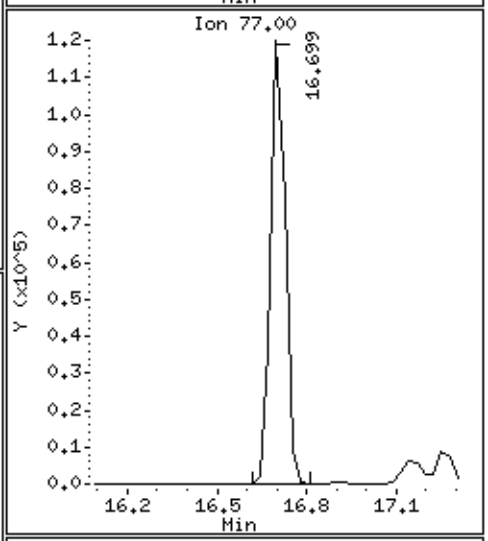


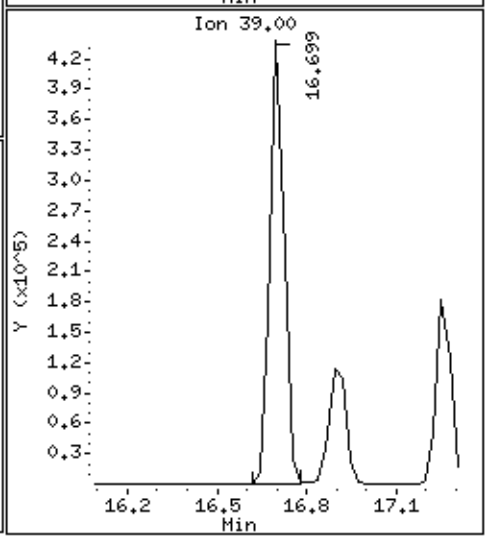












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

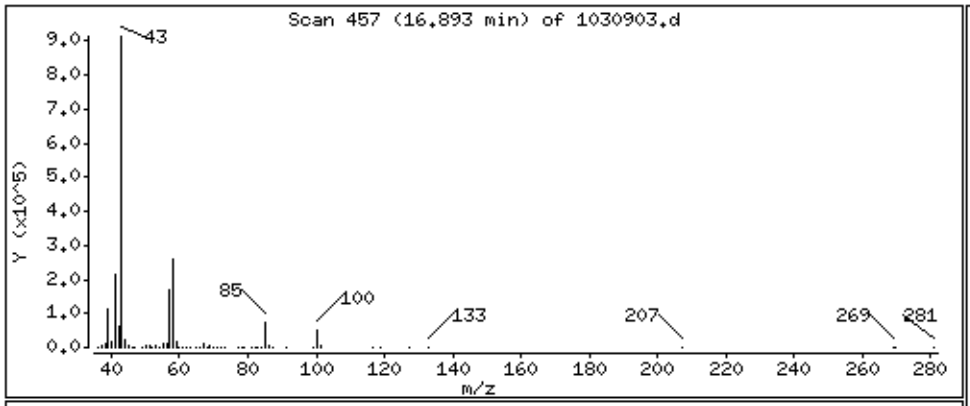
Operator: sjr

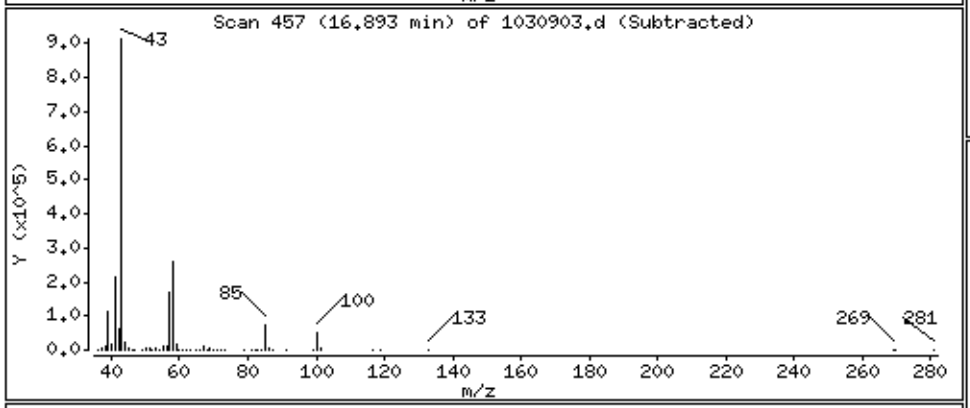
Column phase: RTx-624

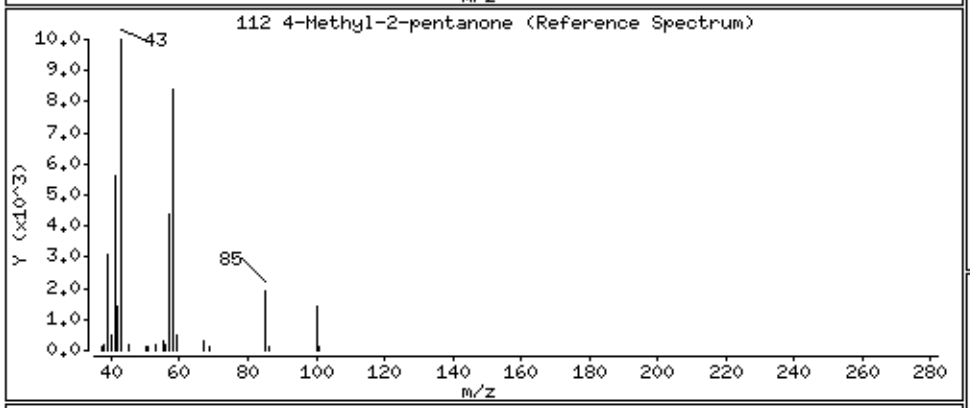
Column diameter: 0.53

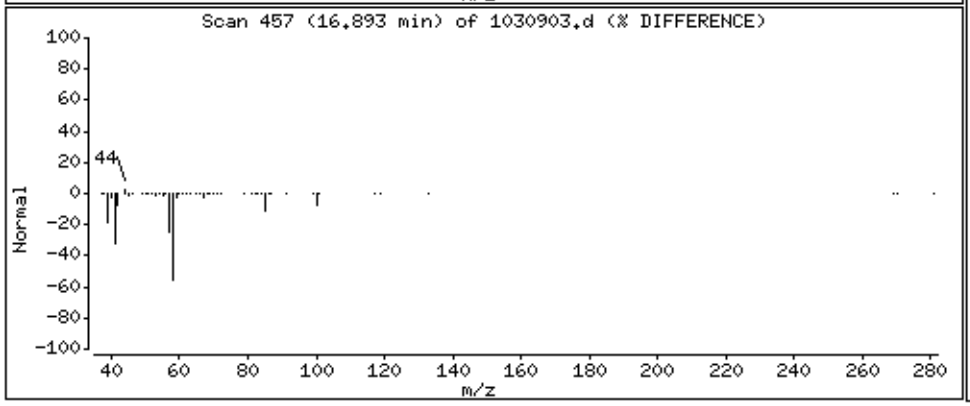
112 4-Methyl-2-pentanone

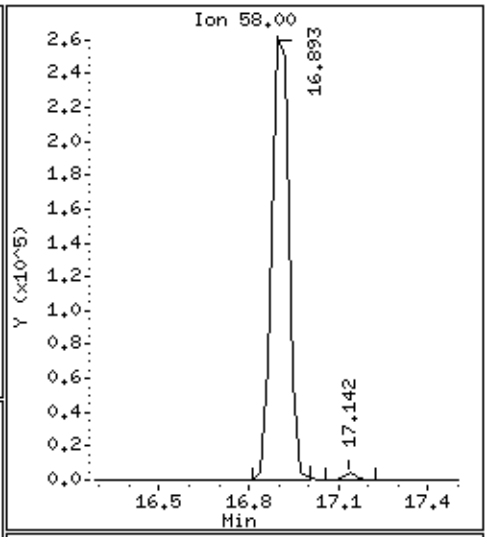
Concentration: 64.378 PPBV

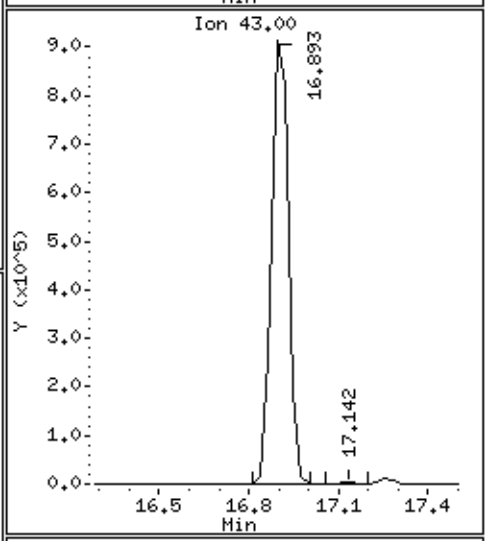


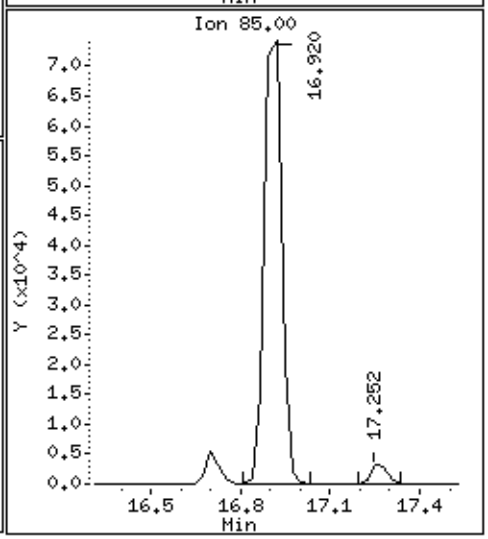












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

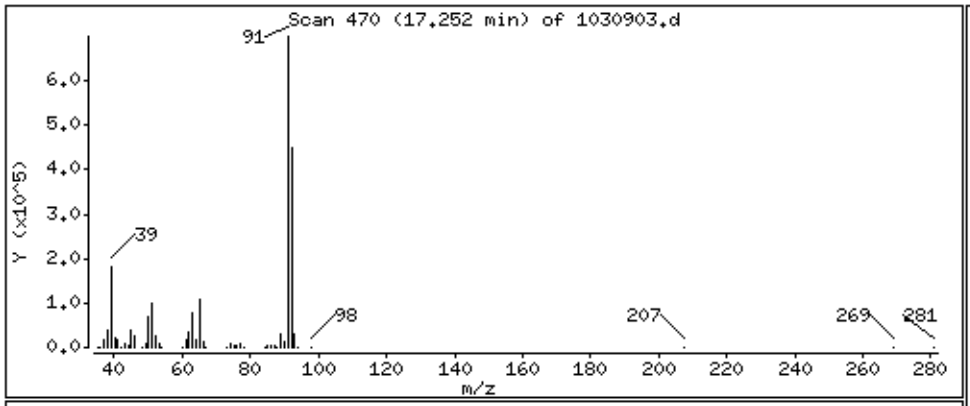
Operator: sjr

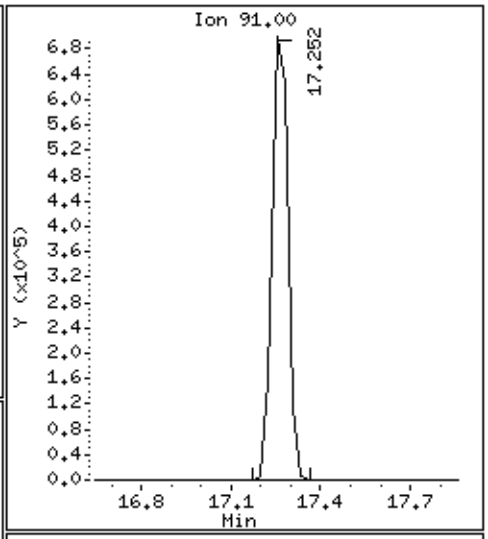
Column phase: RTx-624

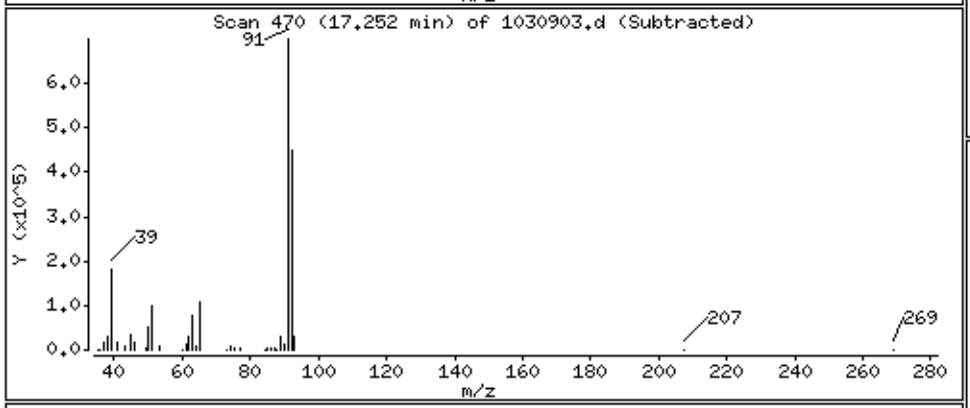
Column diameter: 0.53

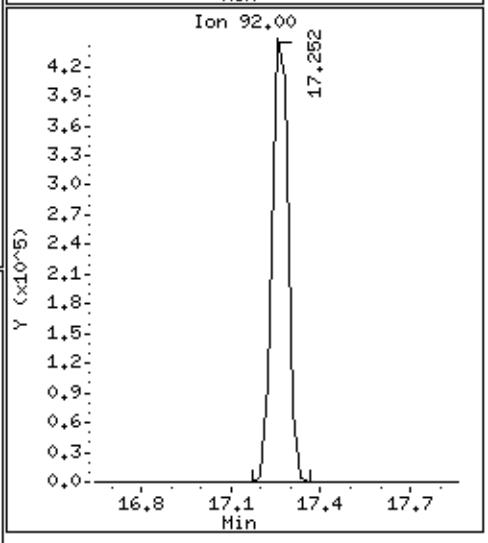
115 Toluene

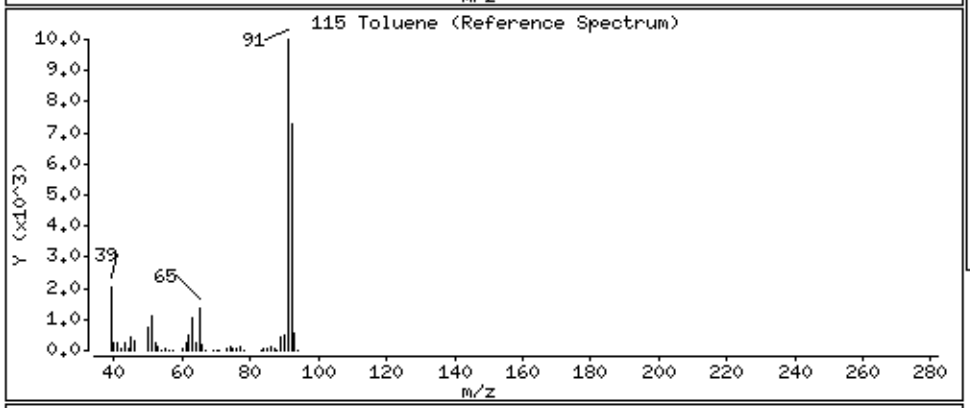
Concentration: 54.120 PPBV

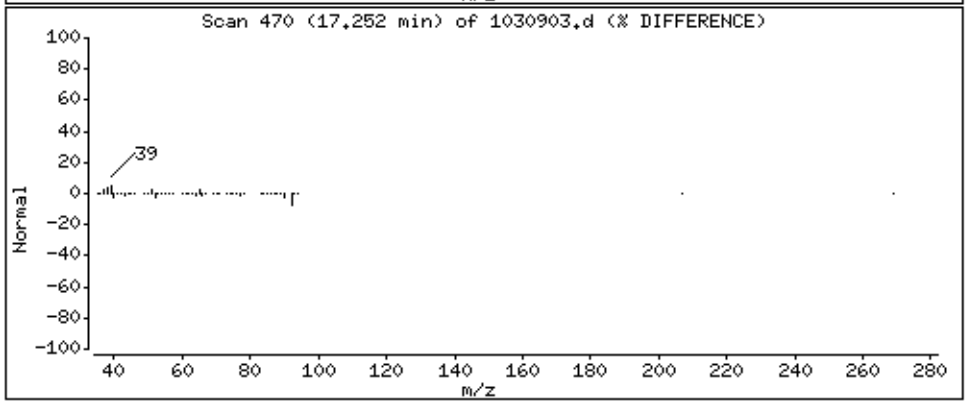












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

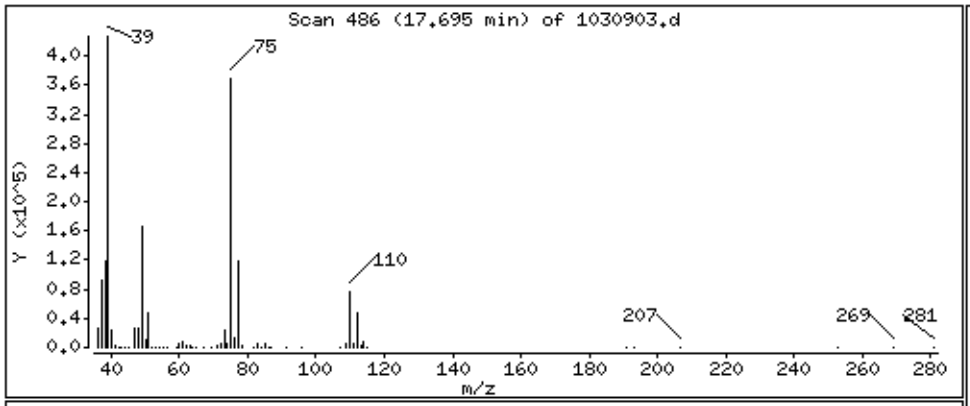
Operator: sjr

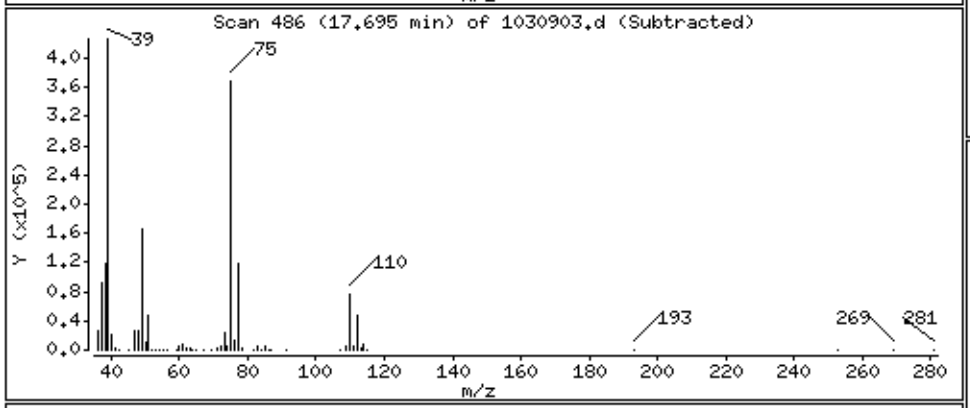
Column phase: RTx-624

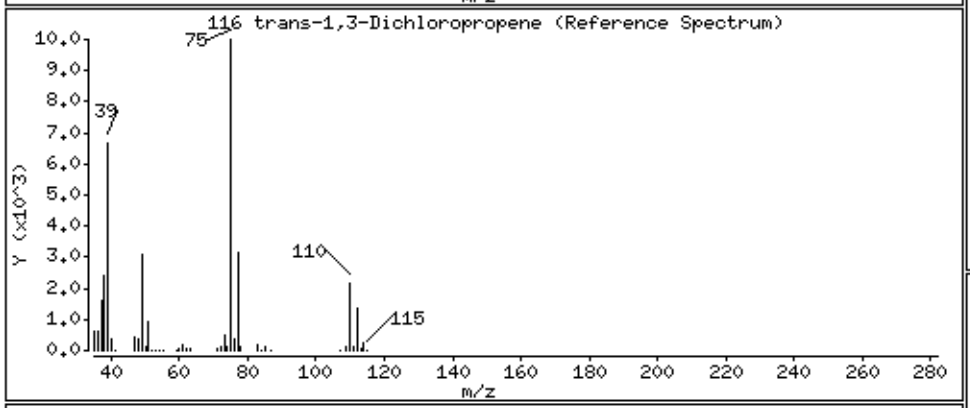
Column diameter: 0.53

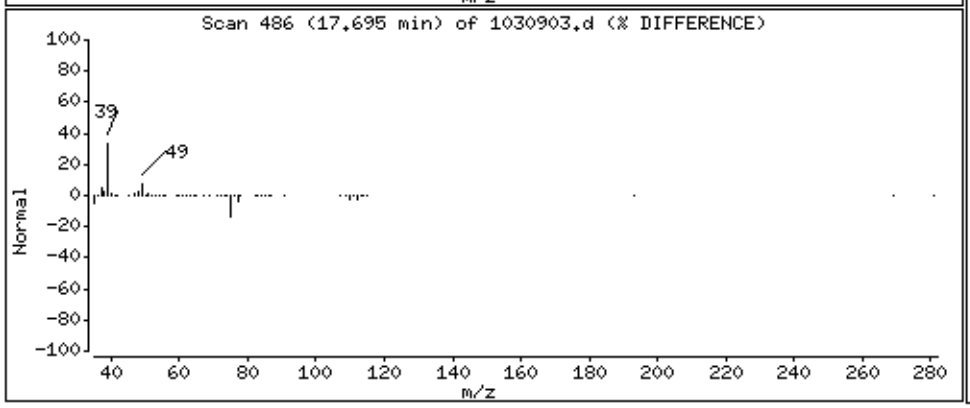
116 trans-1,3-Dichloropropene

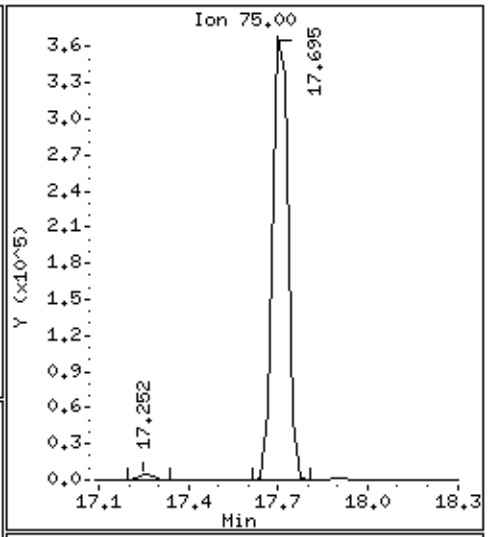
Concentration: 60.354 PPBV

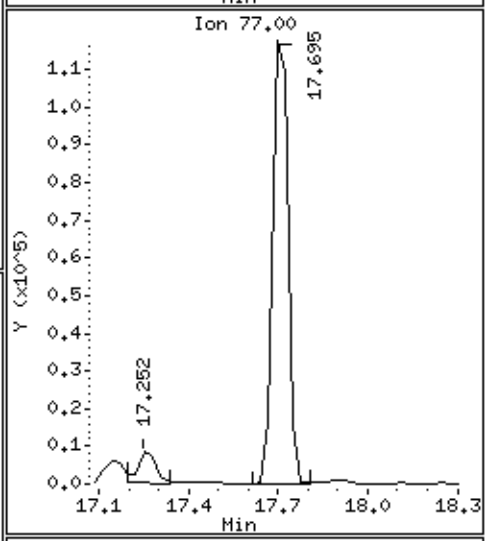


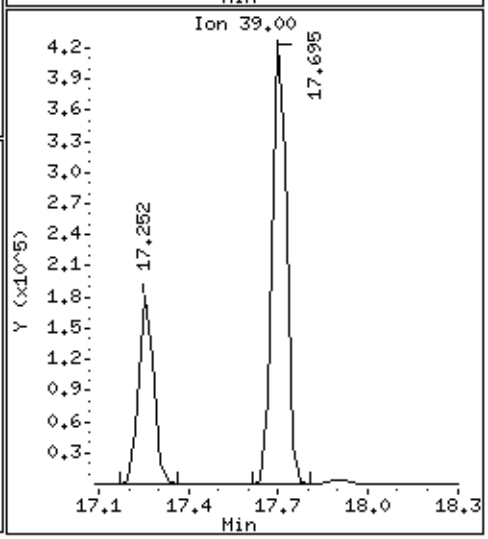












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

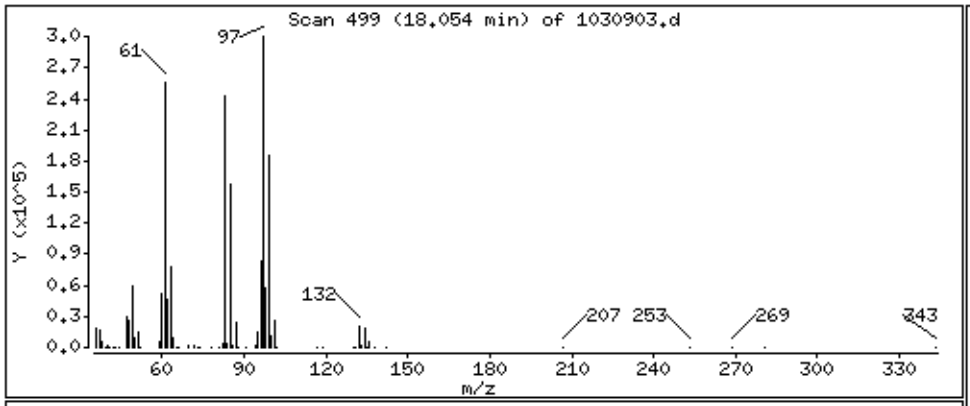
Operator: sjr

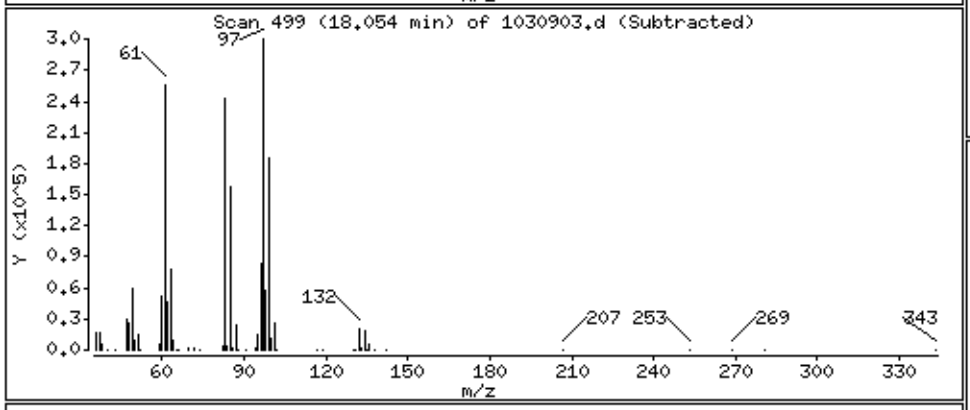
Column phase: RTx-624

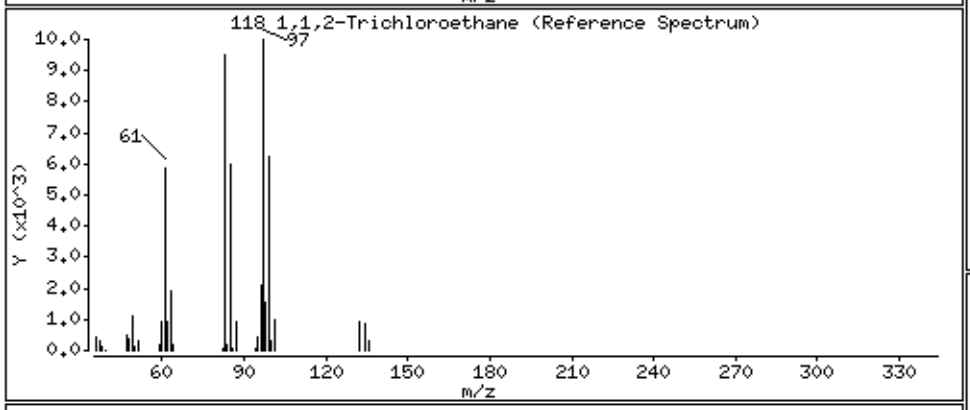
Column diameter: 0.53

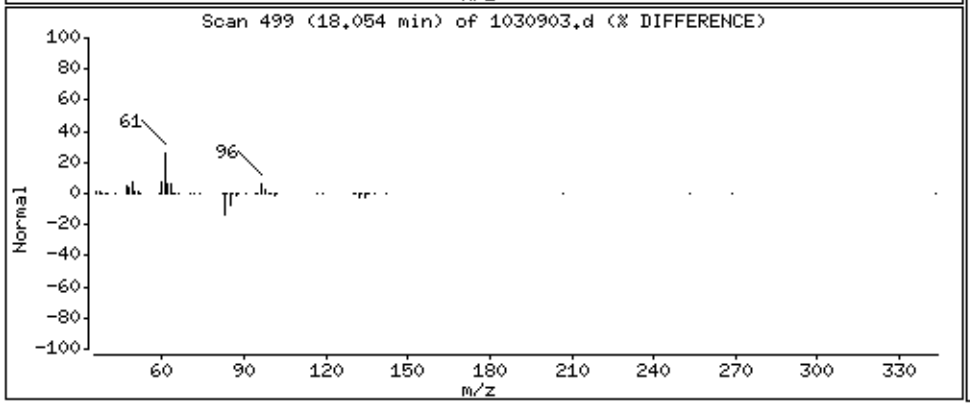
118 1,1,2-Trichloroethane

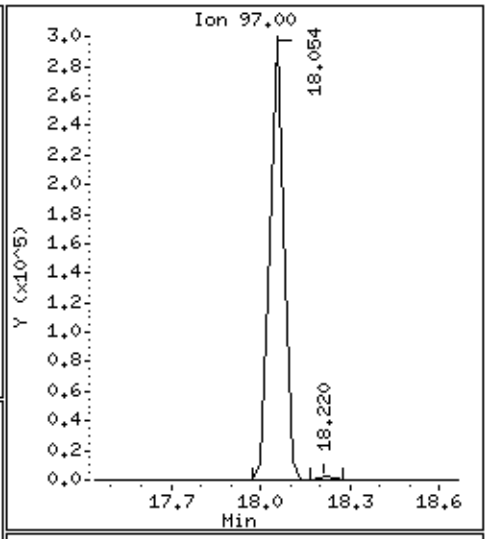
Concentration: 55.528 PPBV

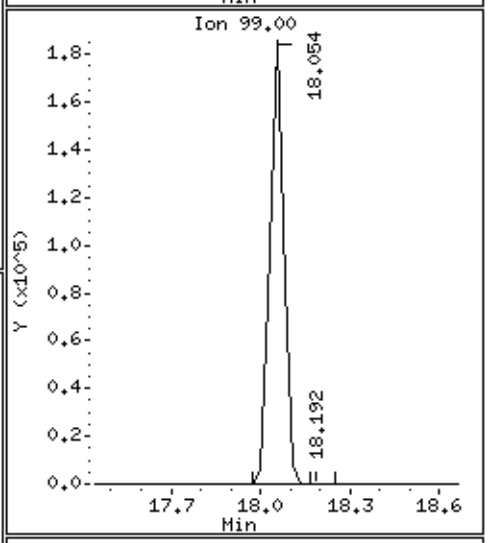


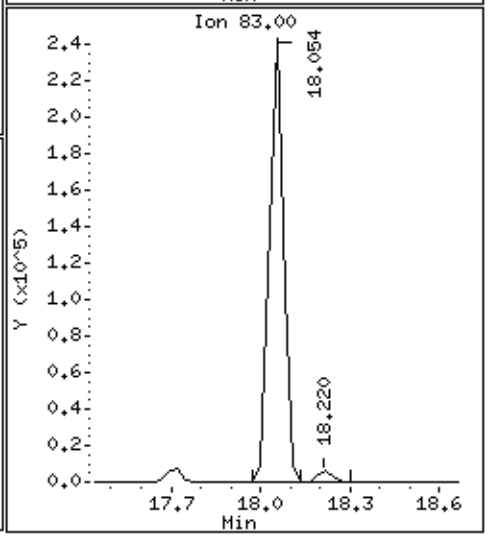












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

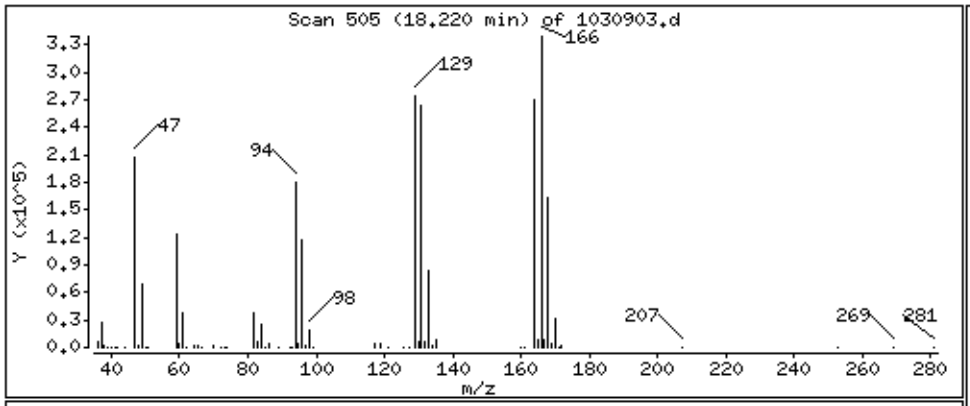
Operator: sjr

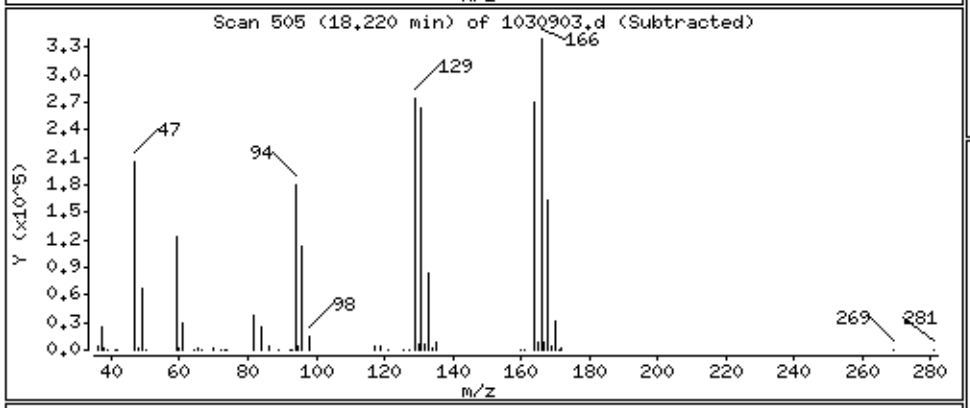
Column phase: RTx-624

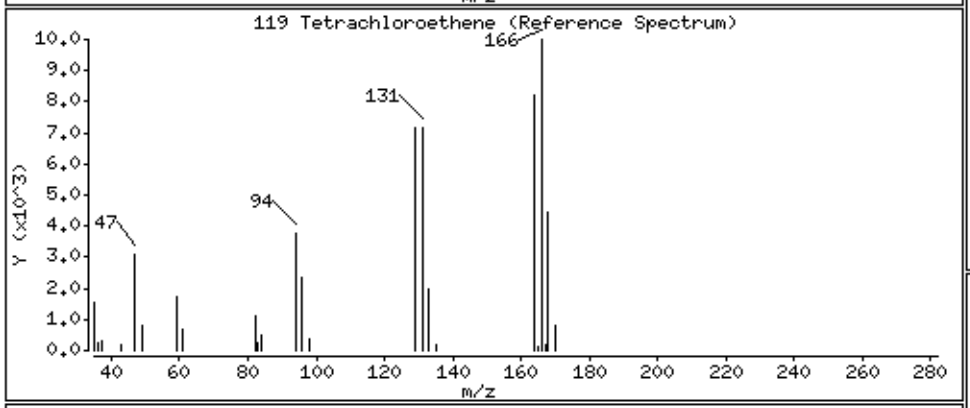
Column diameter: 0.53

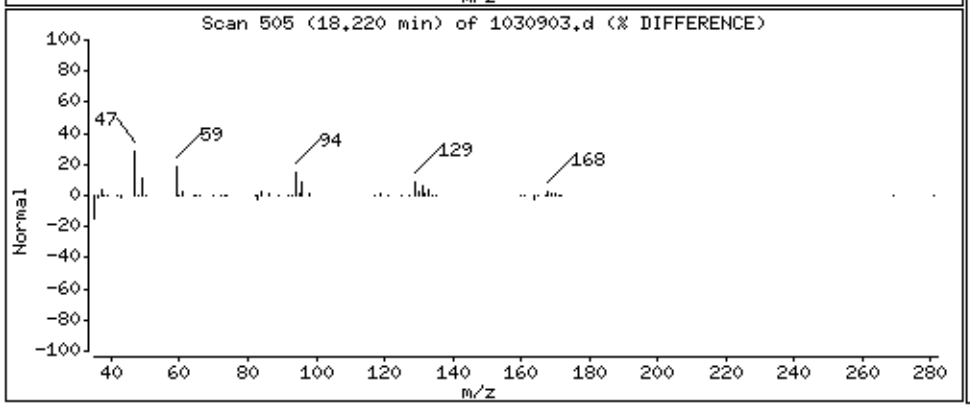
119 Tetrachloroethene

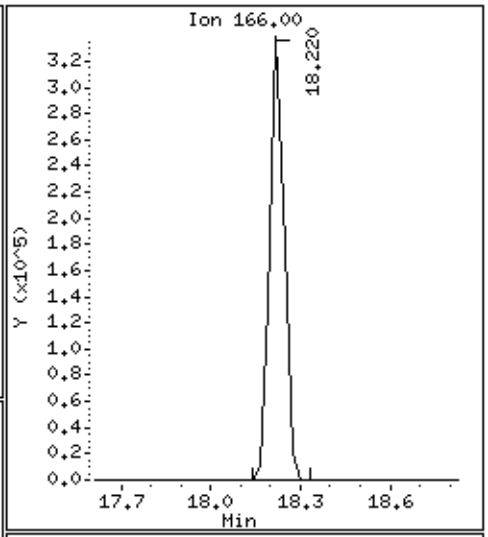
Concentration: 56.009 PPBV

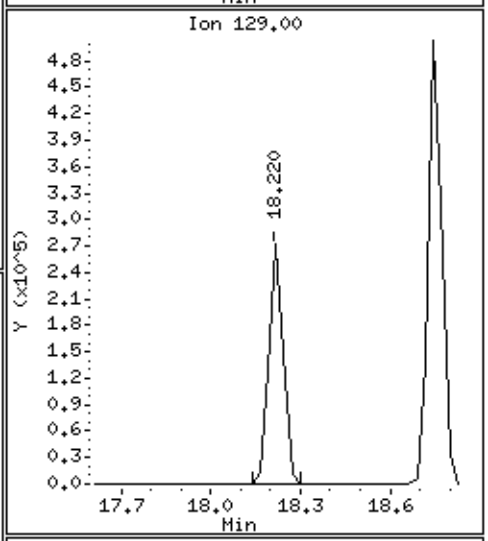


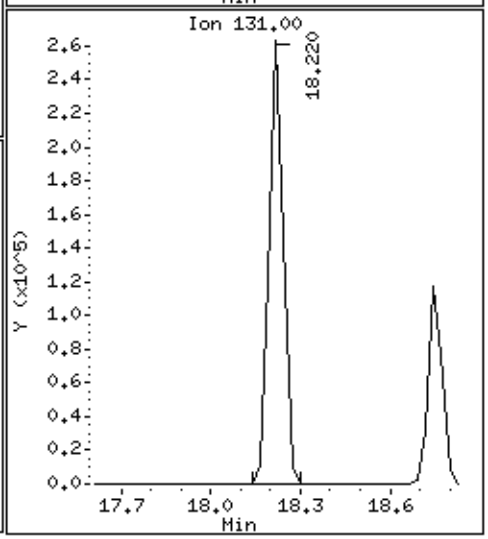












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

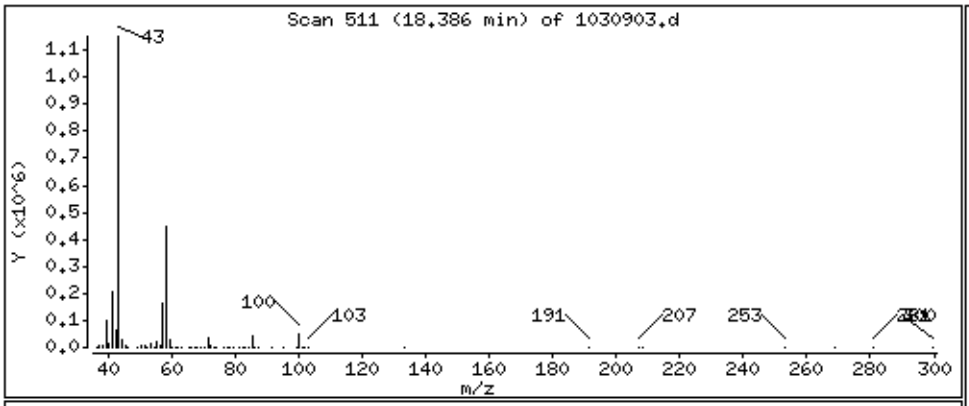
Operator: sjr

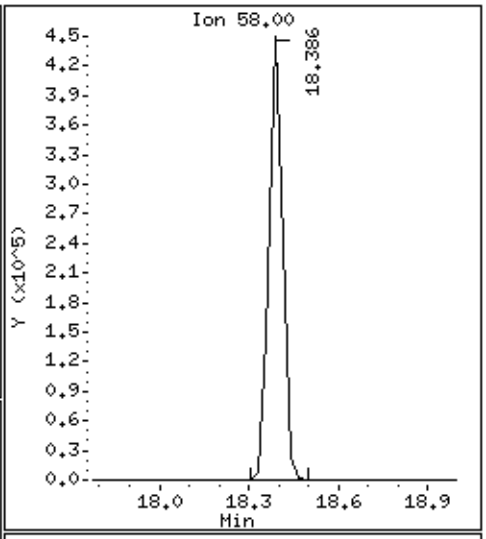
Column phase: RTx-624

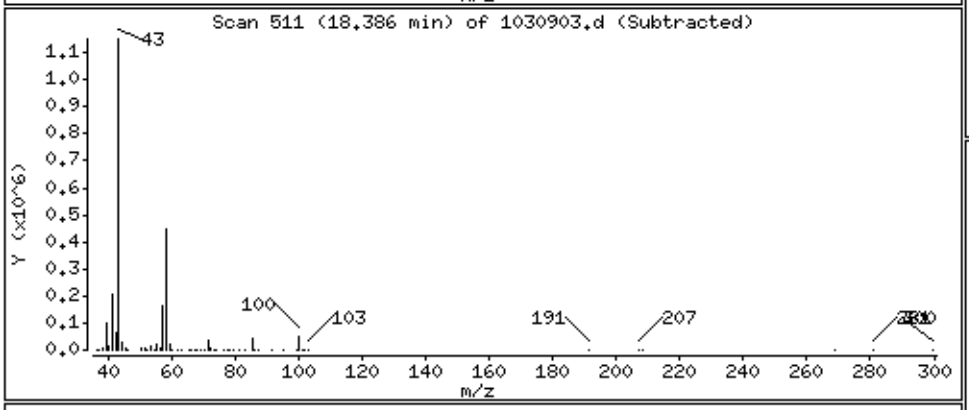
Column diameter: 0.53

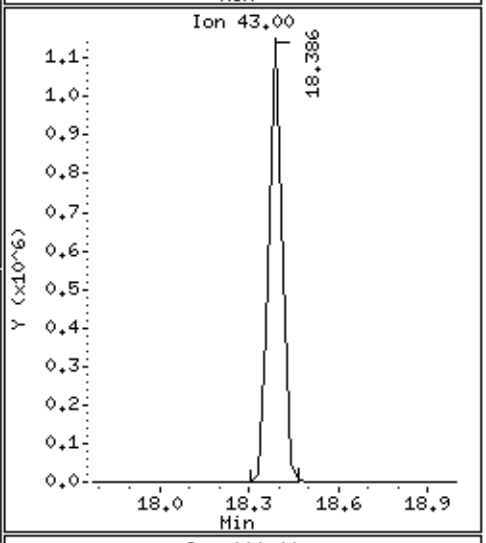
120 2-Hexanone

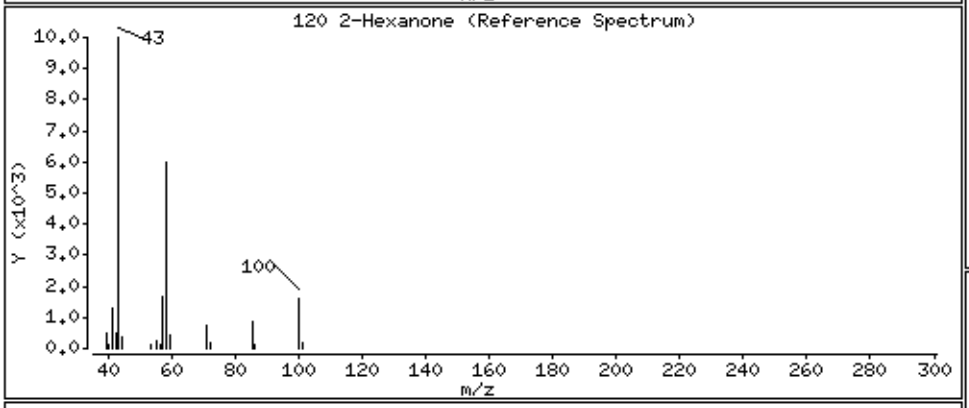
Concentration: 59.440 PPBV

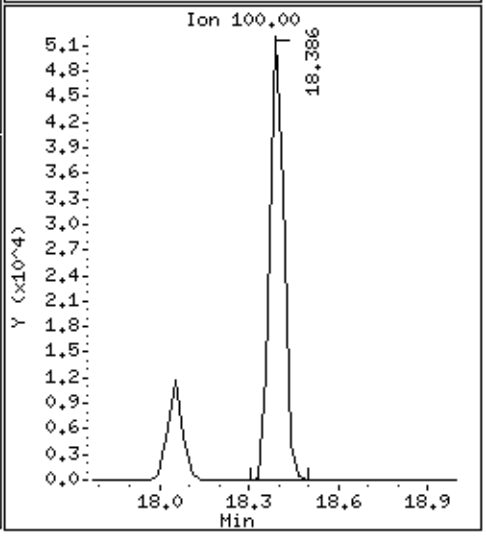


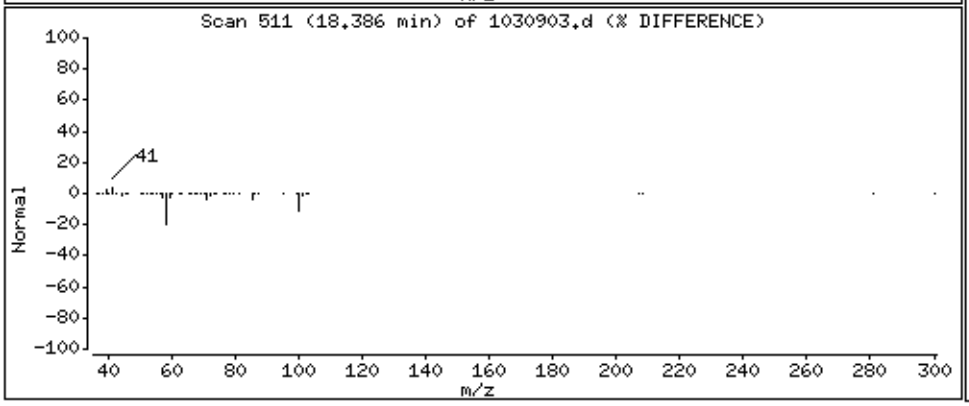












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

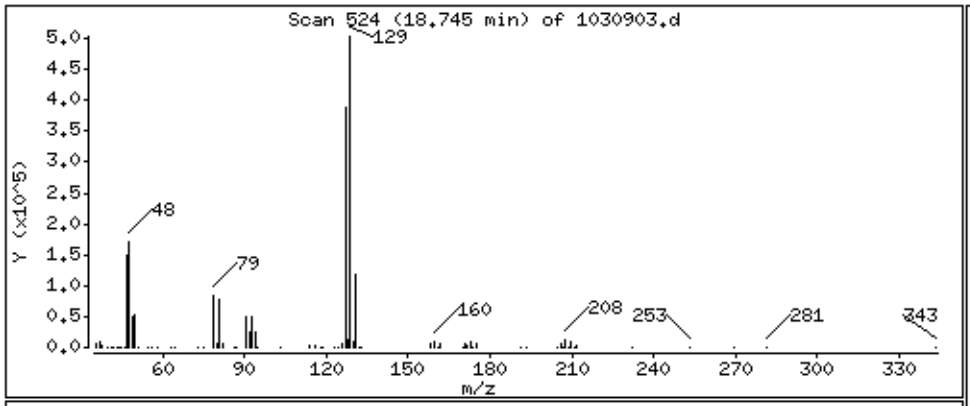
Operator: sjr

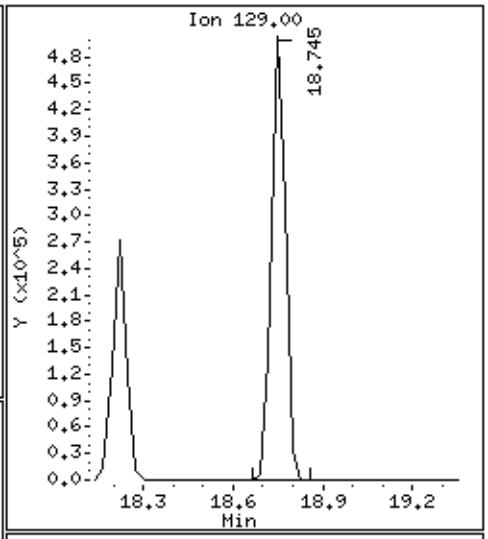
Column phase: RTx-624

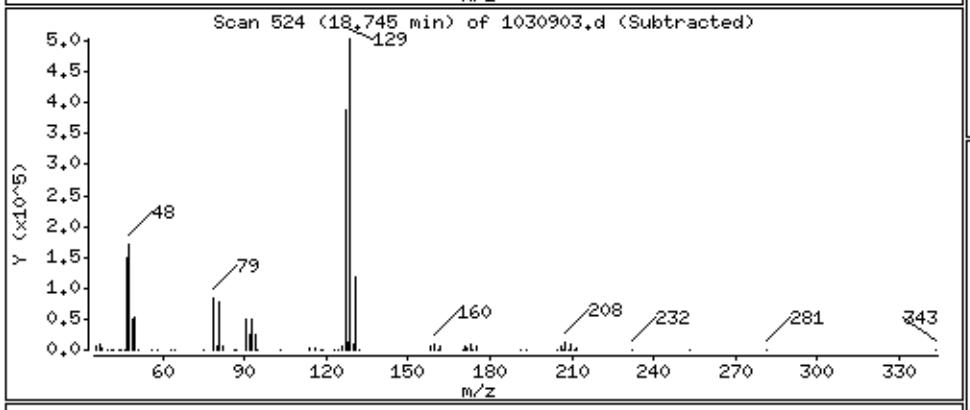
Column diameter: 0.53

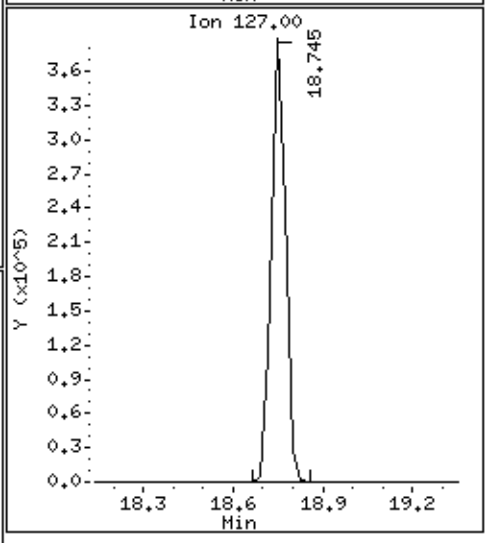
123 Dibromochloromethane

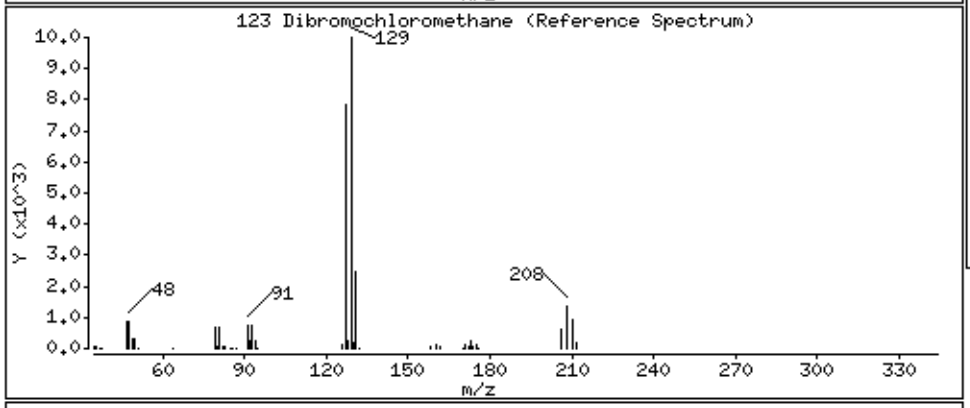
Concentration: 59.347 PPBV

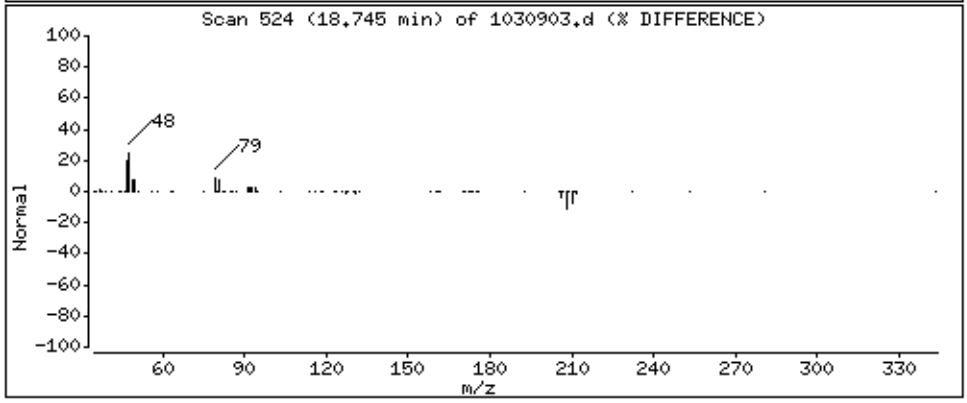












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

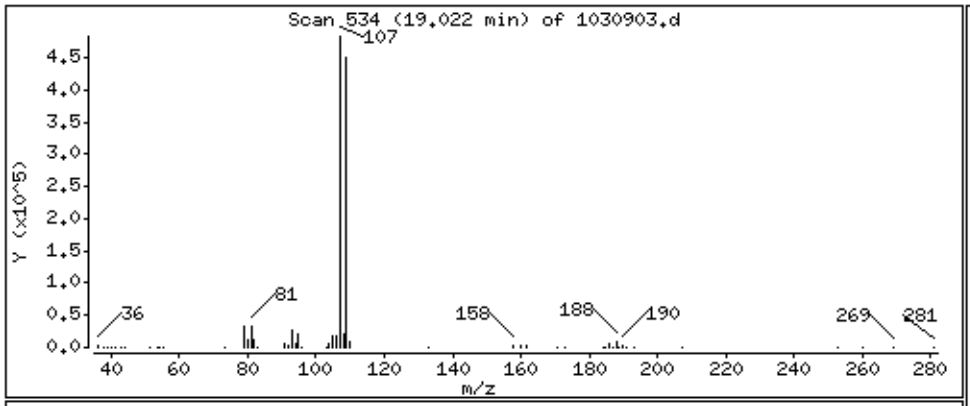
Operator: sjr

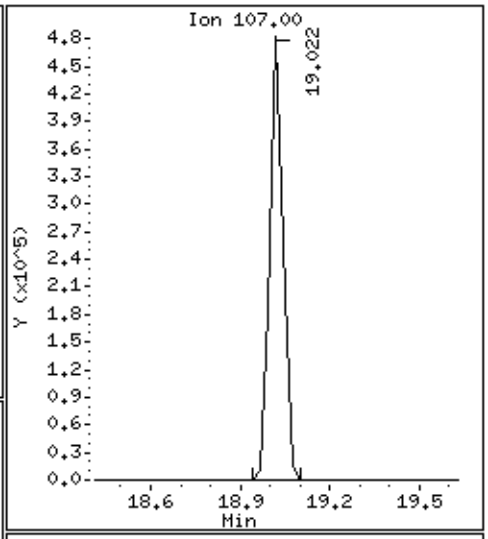
Column phase: RTx-624

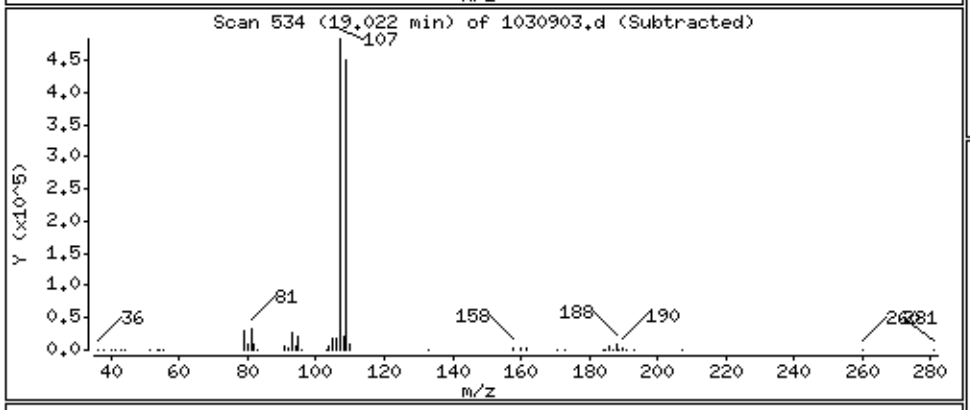
Column diameter: 0.53

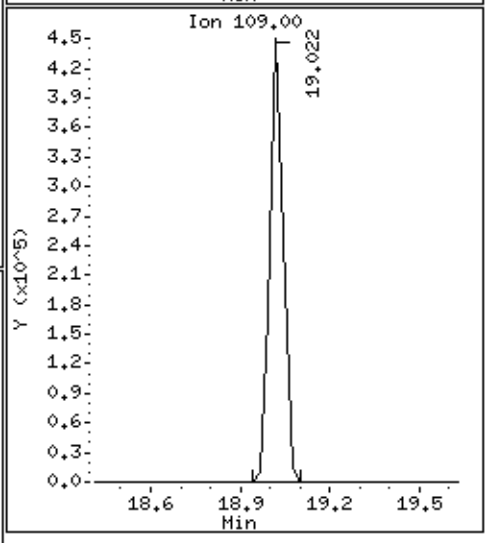
124 1,2-Dibromoethane

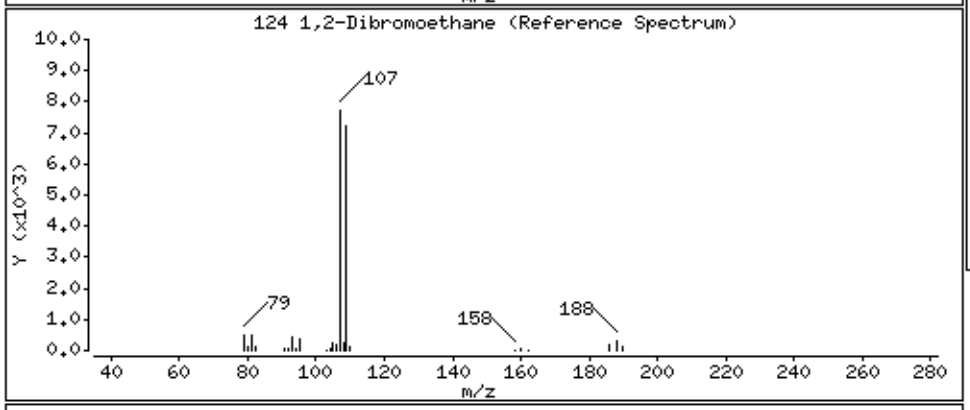
Concentration: 57.214 PPBV

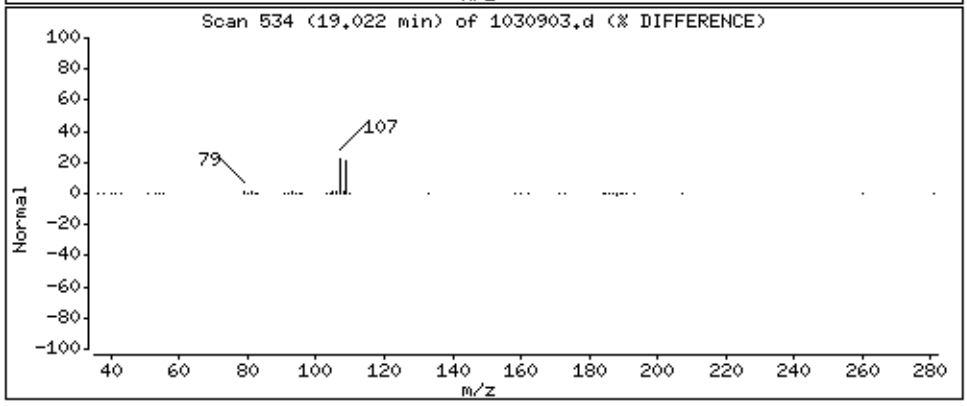












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

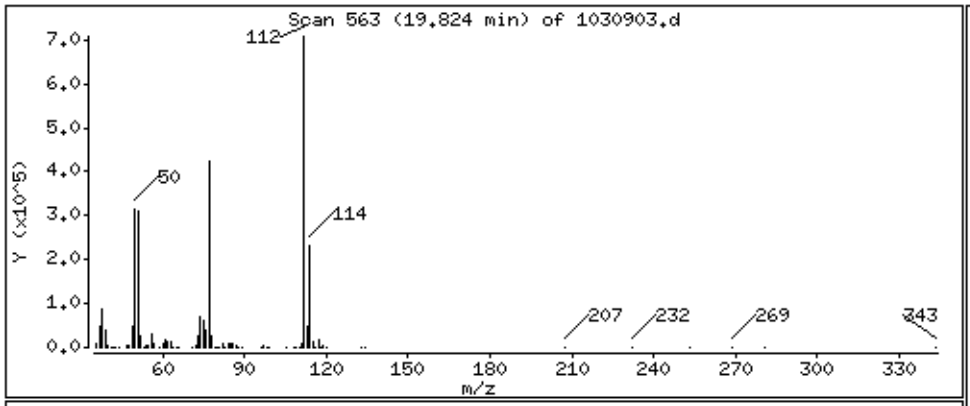
Operator: sjr

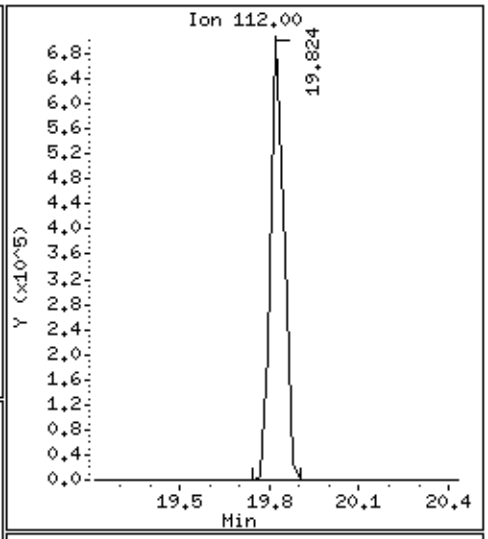
Column phase: RTx-624

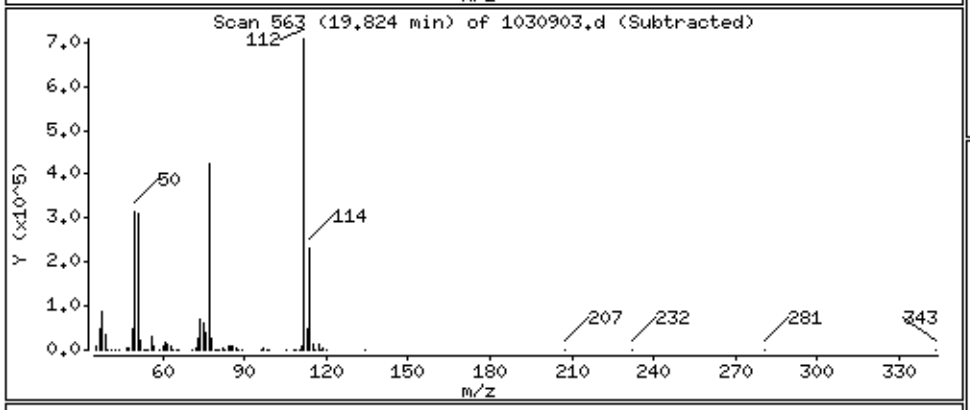
Column diameter: 0.53

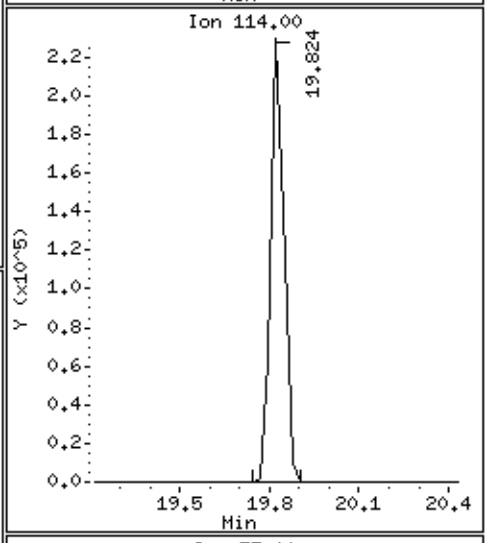
126 Chlorobenzene

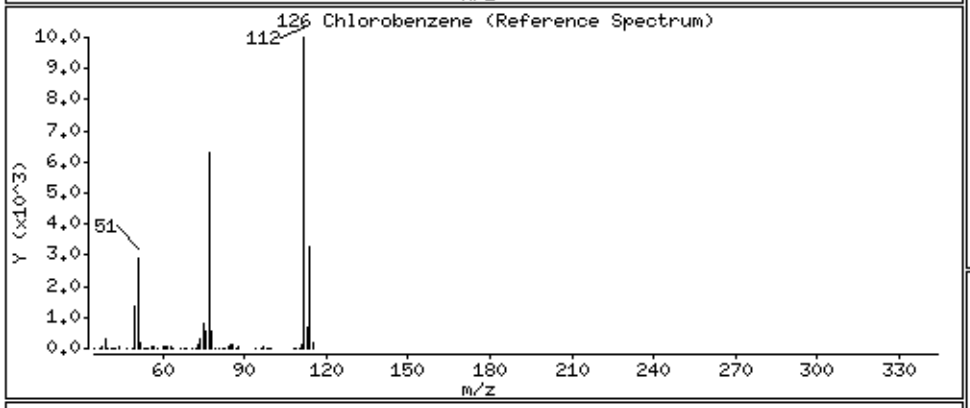
Concentration: 54.251 PPBV

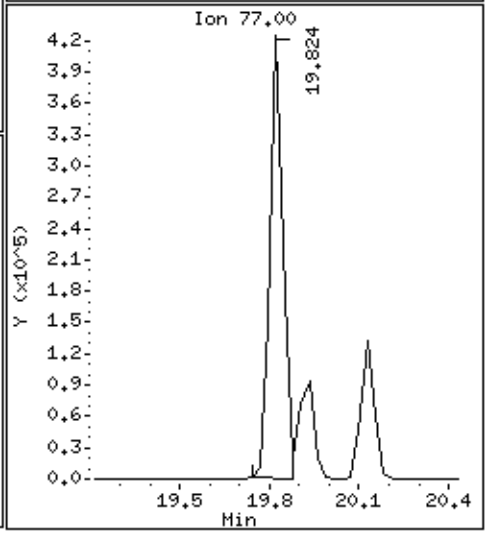


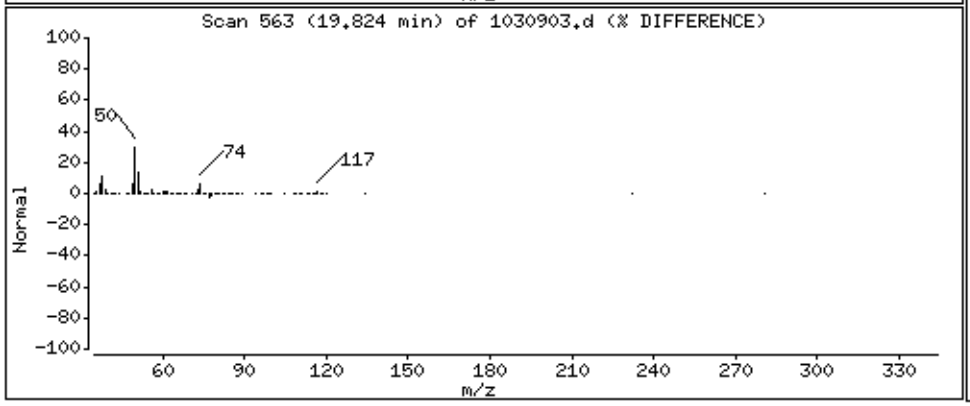












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

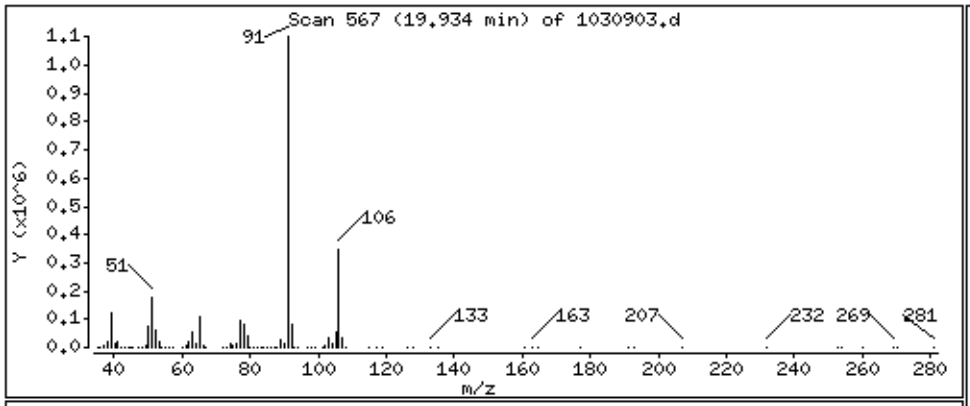
Operator: sjr

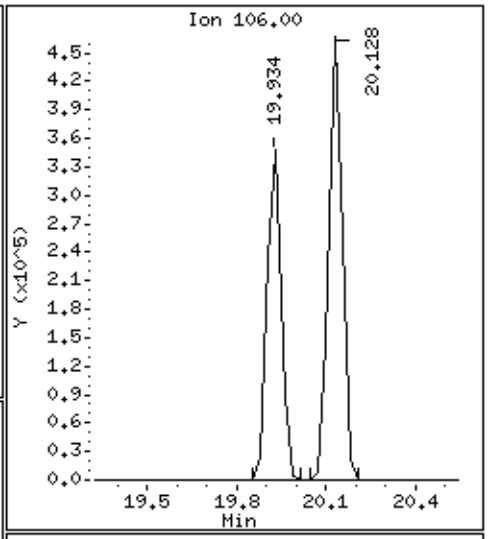
Column phase: RTx-624

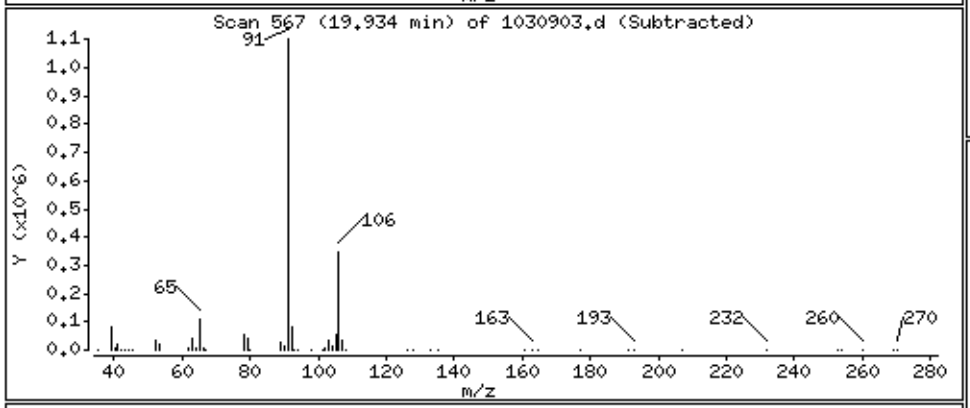
Column diameter: 0.53

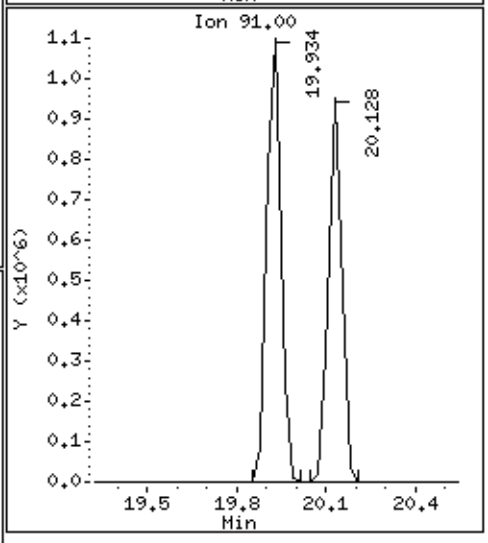
128 Ethyl Benzene

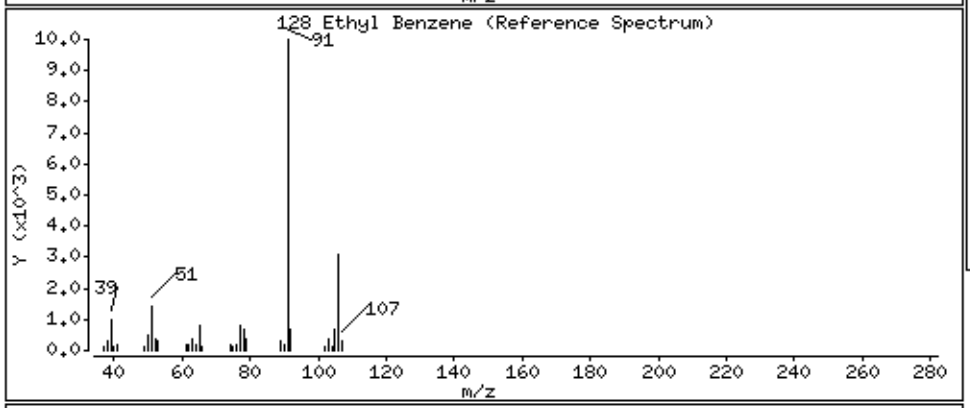
Concentration: 54.278 PPBV

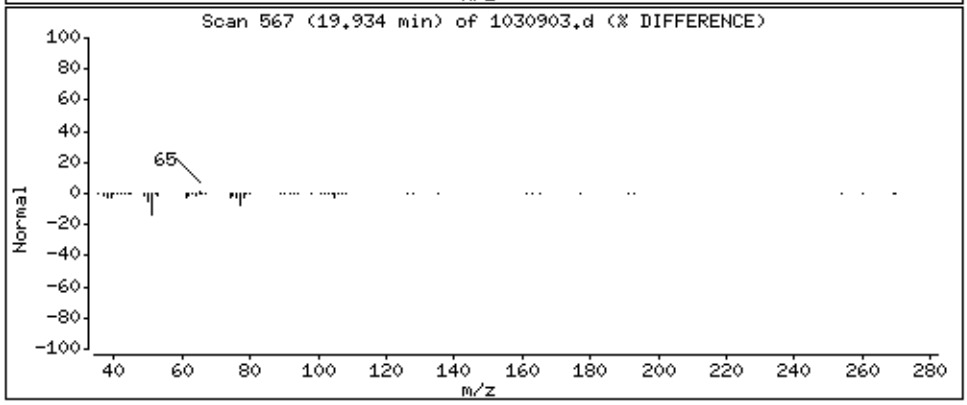












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

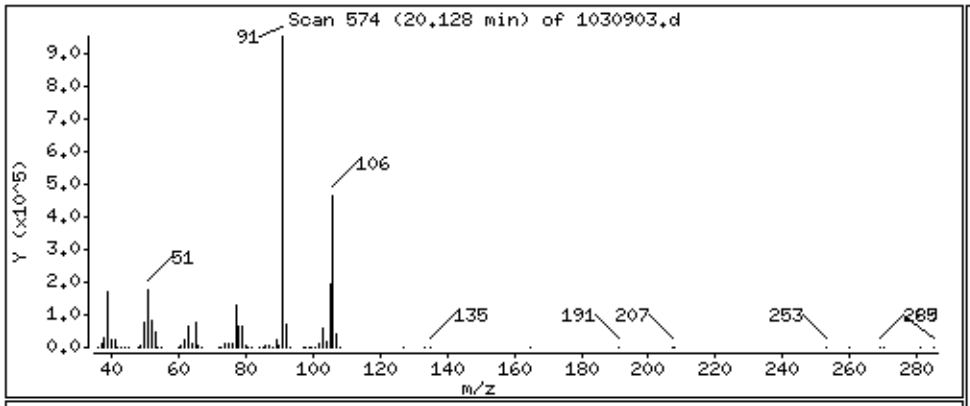
Operator: sjr

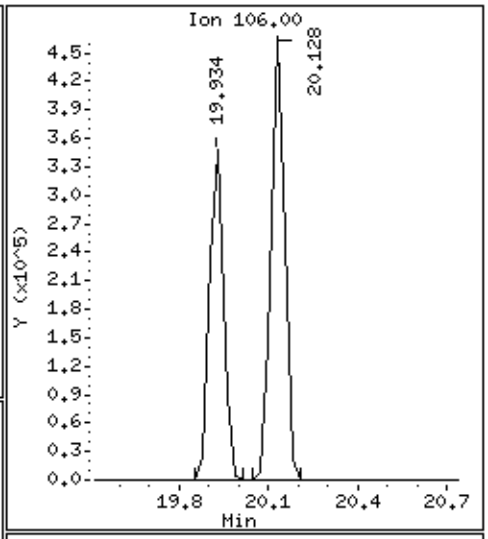
Column phase: RTx-624

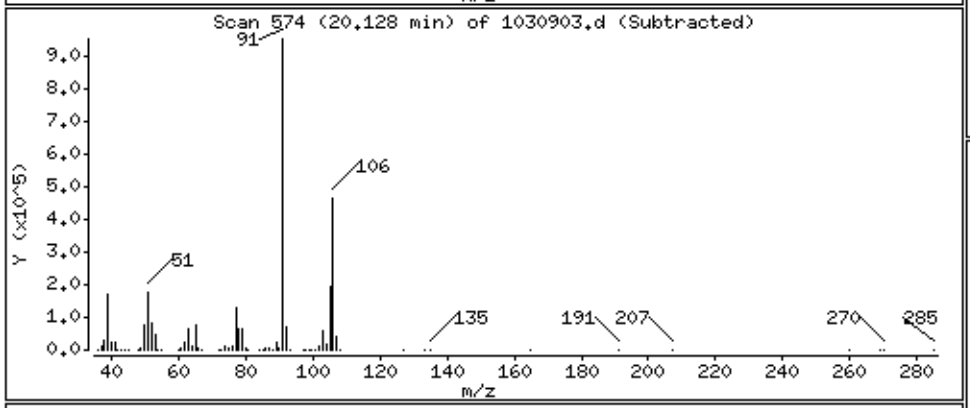
Column diameter: 0.53

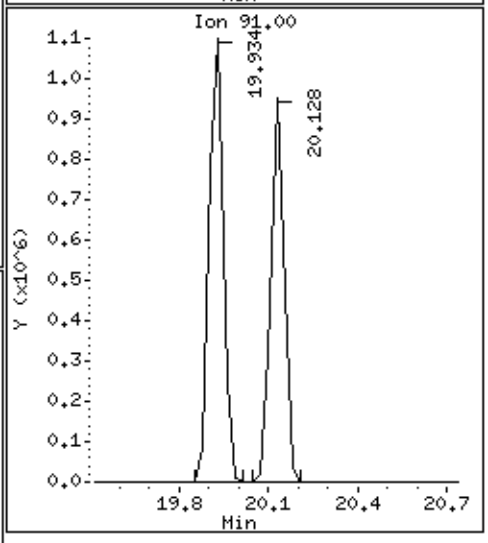
130 m,p-Xylene

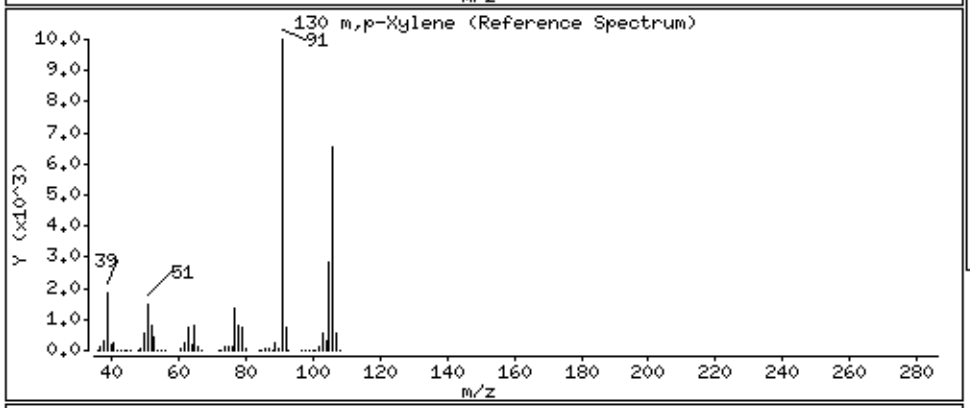
Concentration: 52.240 PPBV

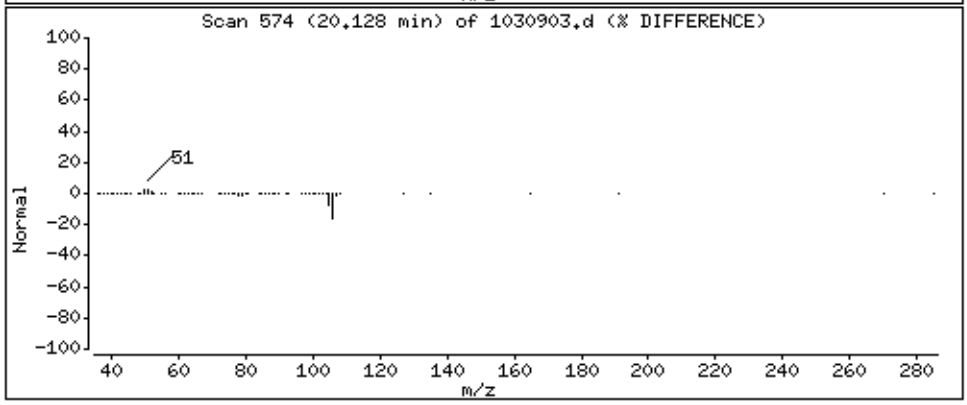












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

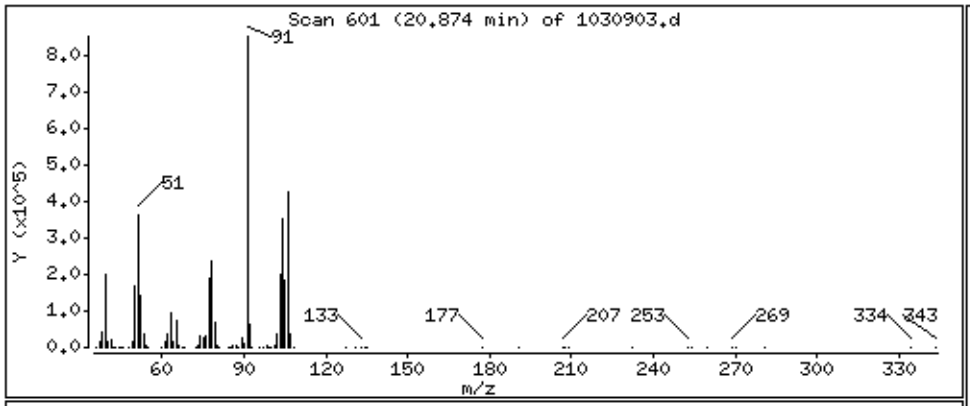
Client ID: LCS-1 Instrument: msd1.i

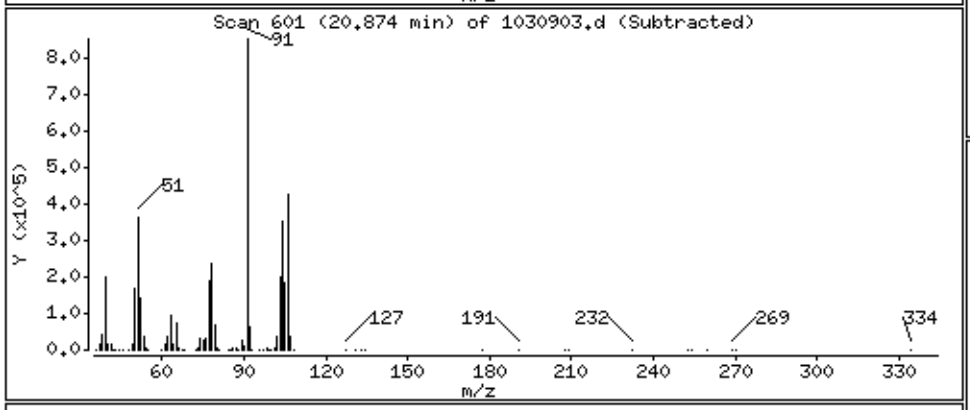
Sample Info: 50mL #1408-386

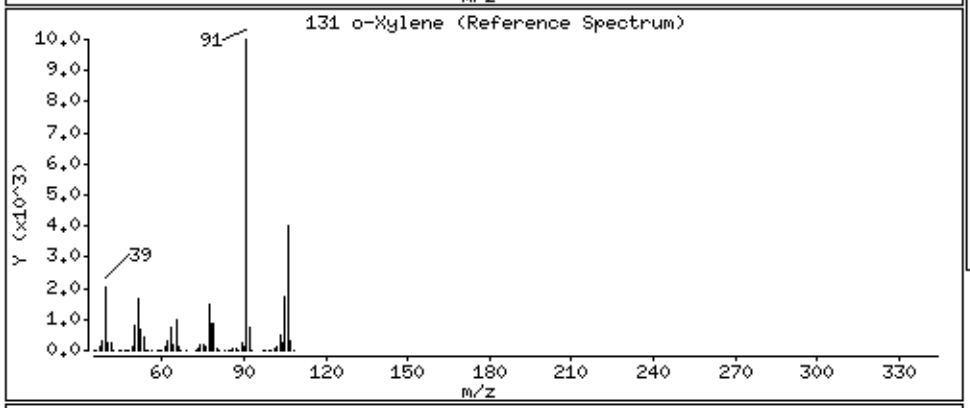
Operator: sjr

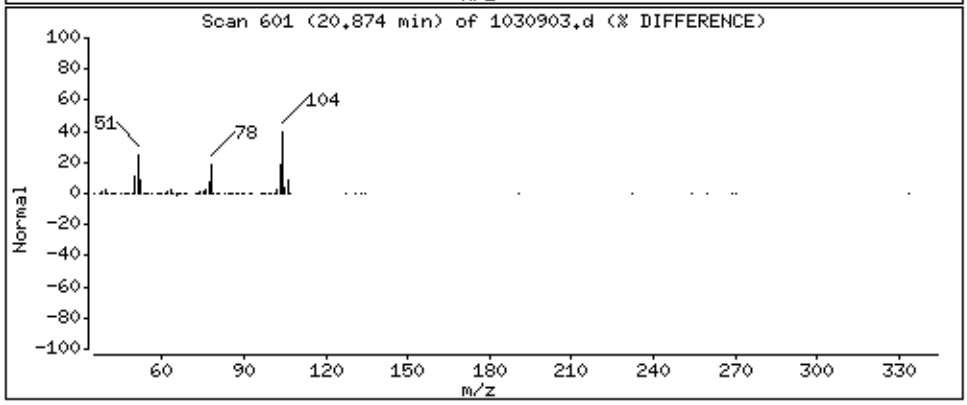
Column phase: RTx-624 Column diameter: 0.53

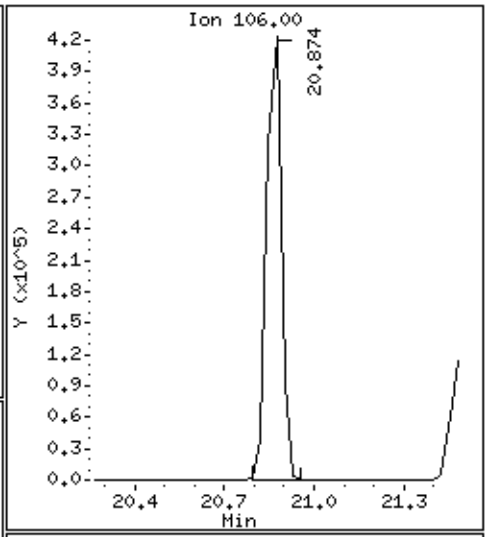
131 o-Xylene Concentration: 53.419 PPBV

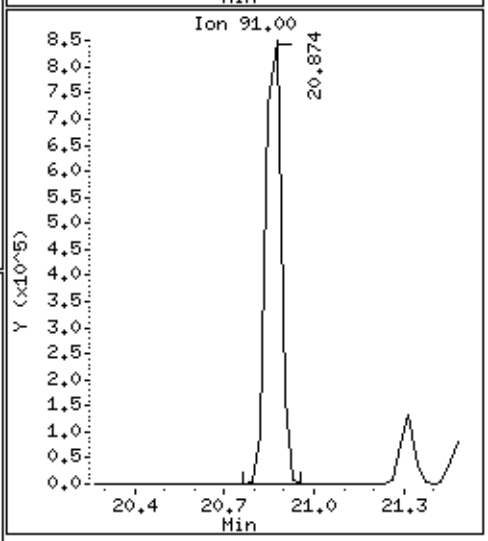












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

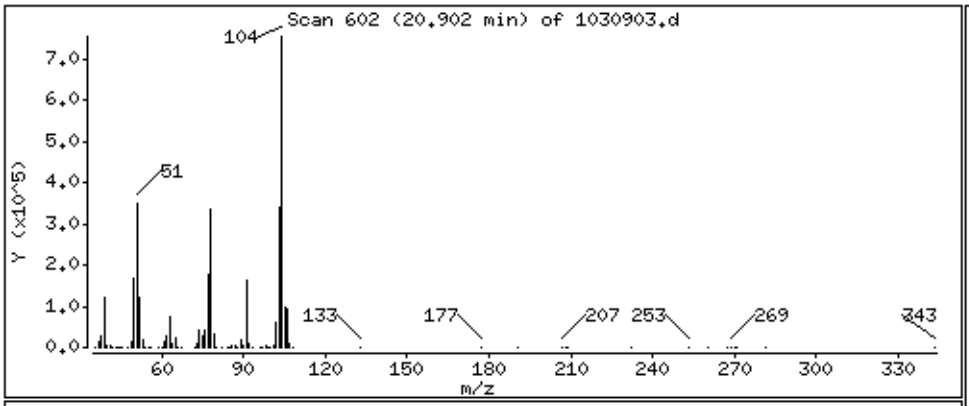
Operator: sjr

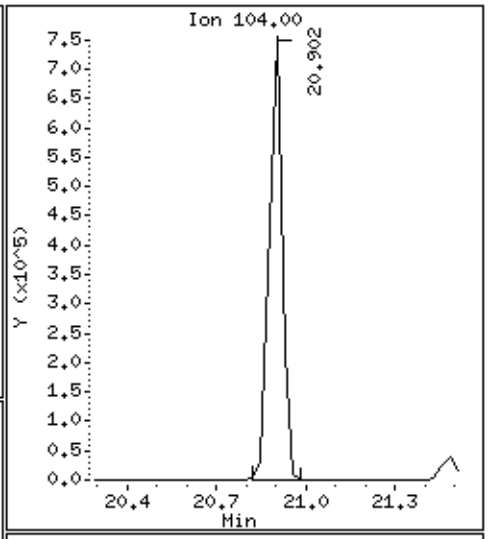
Column phase: RTx-624

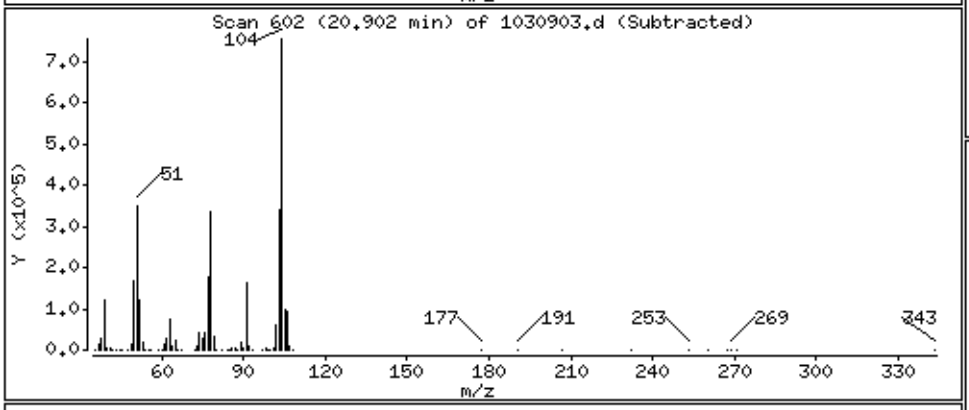
Column diameter: 0.53

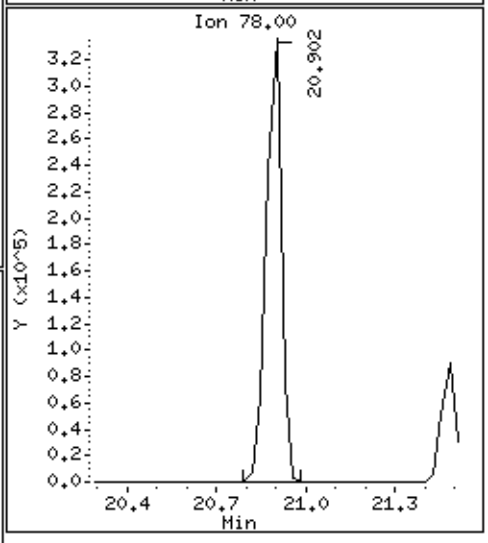
132 Styrene

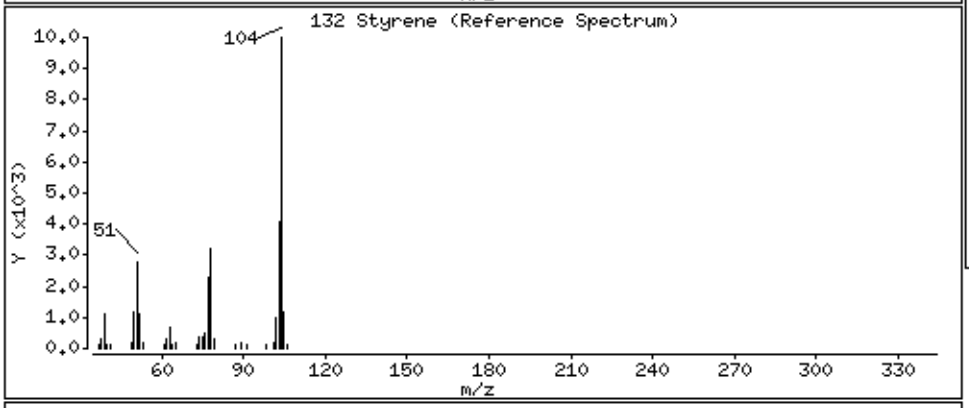
Concentration: 54.840 PPBV

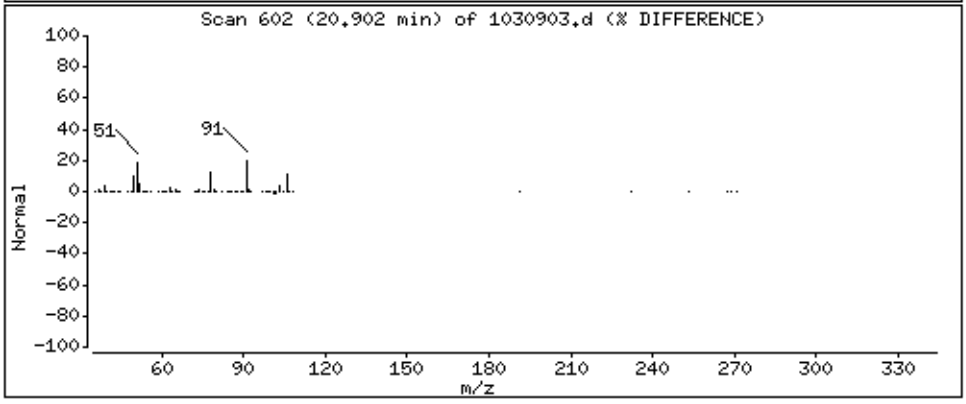












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

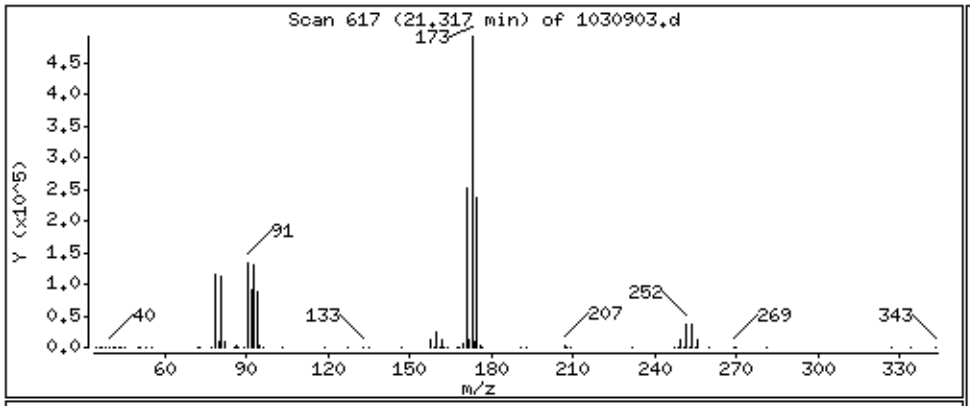
Operator: sjr

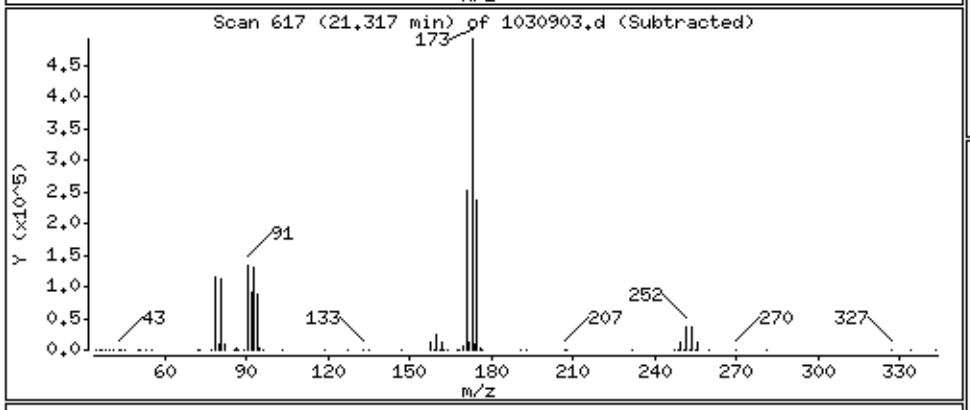
Column phase: RTx-624

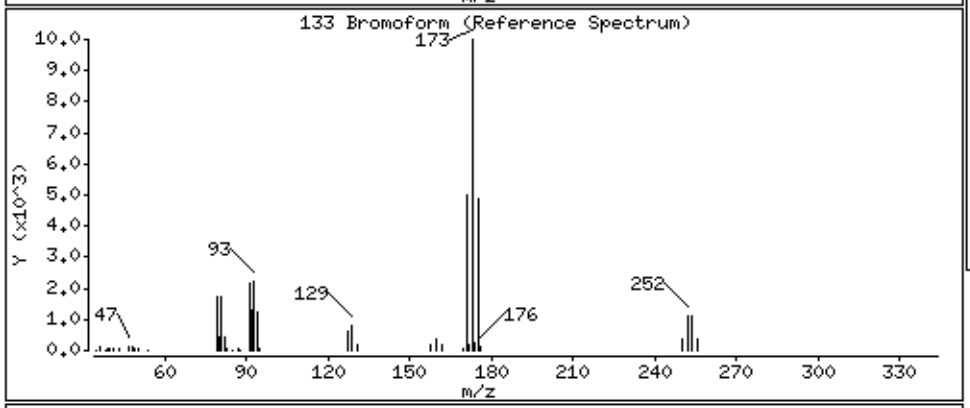
Column diameter: 0.53

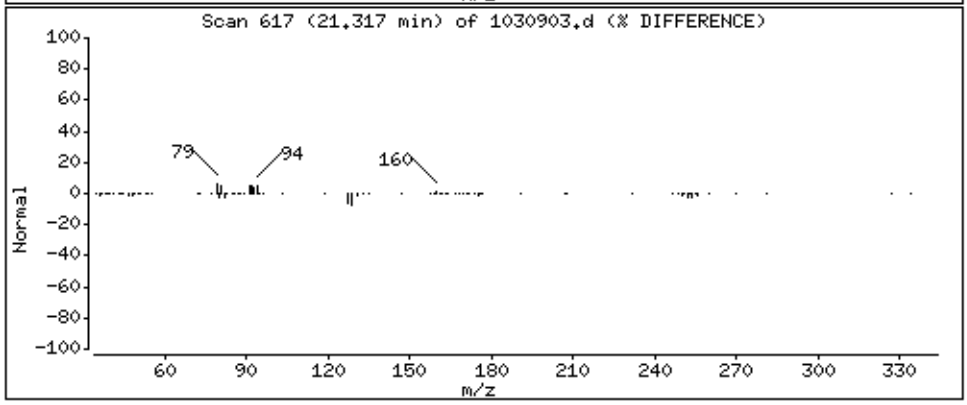
133 Bromoform

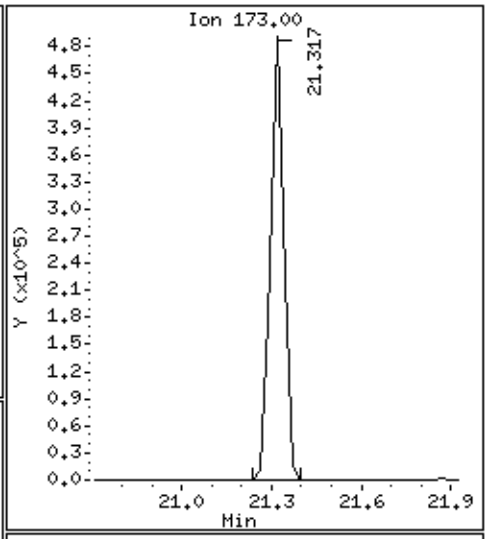
Concentration: 55.899 PPBV

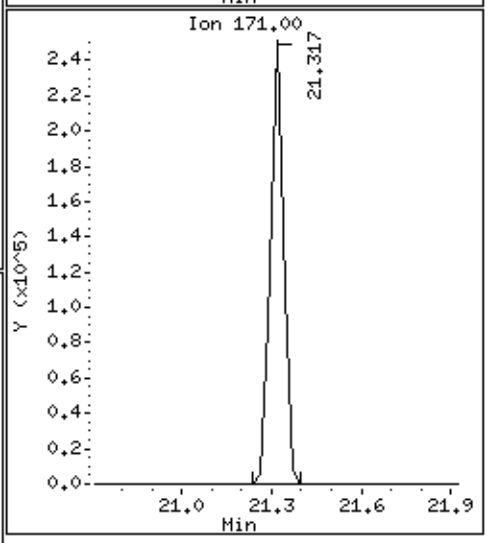












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

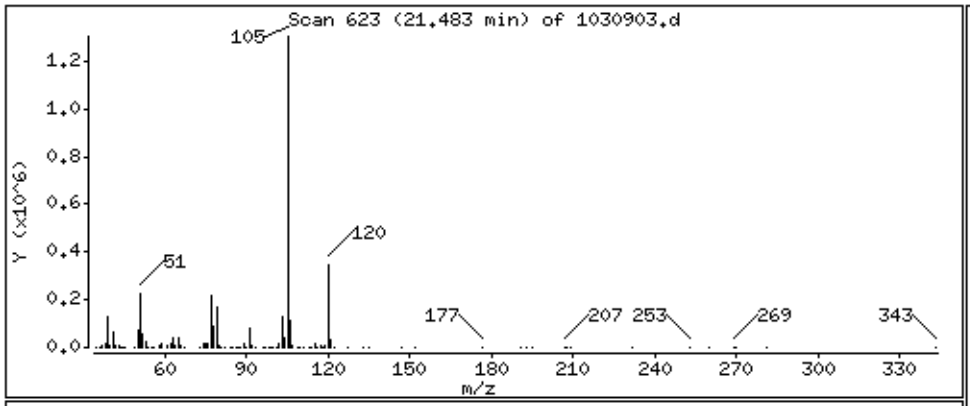
Operator: sjr

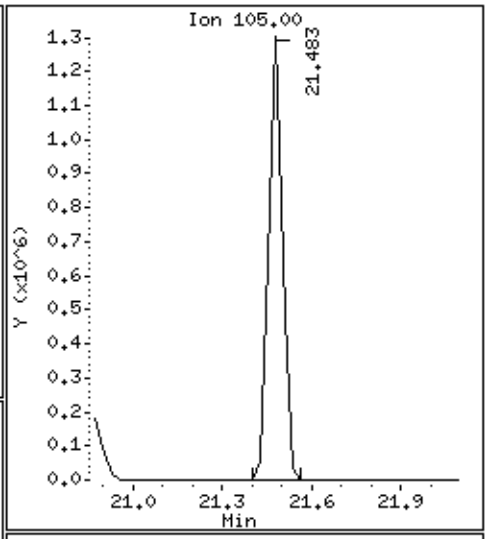
Column phase: RTx-624

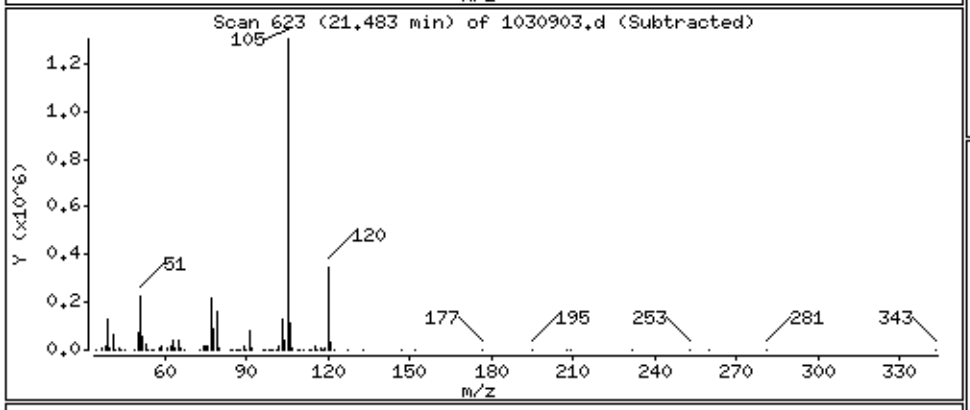
Column diameter: 0.53

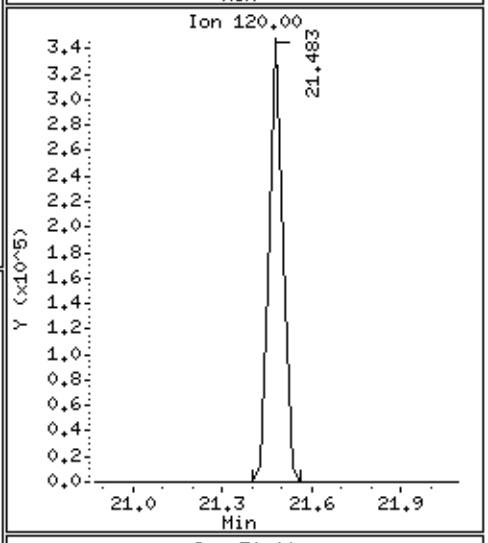
135 Cumene

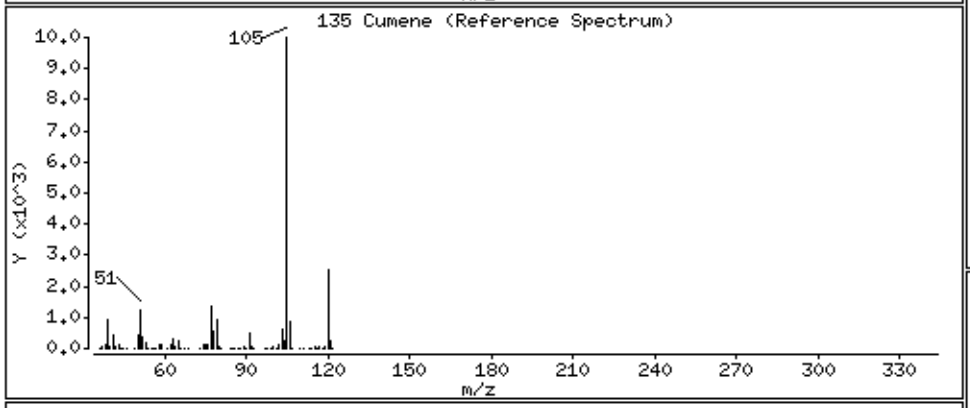
Concentration: 44.737 PPBV

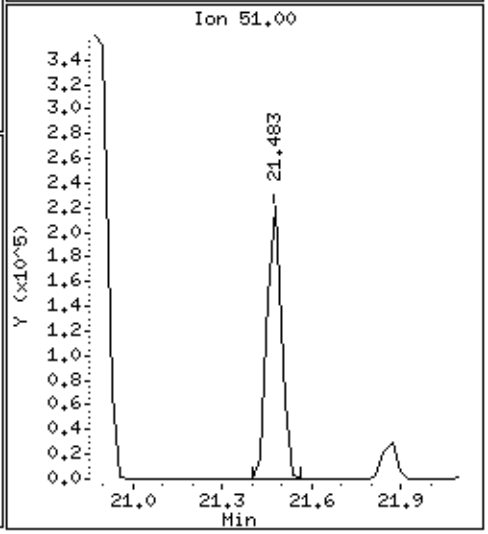


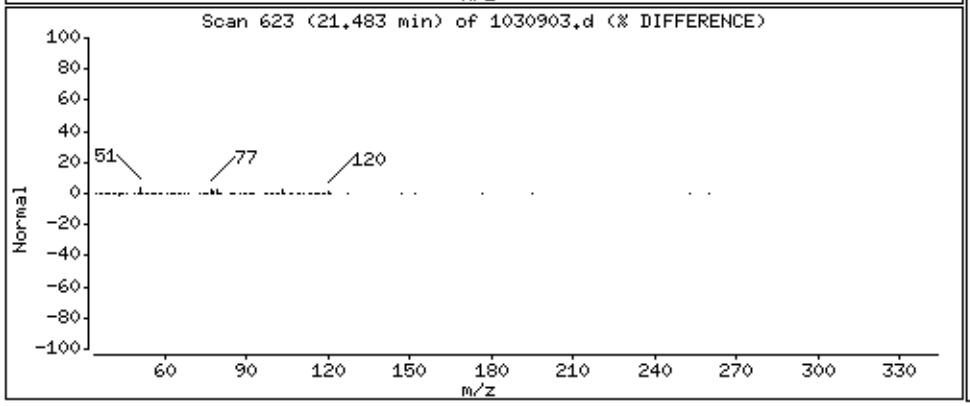












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

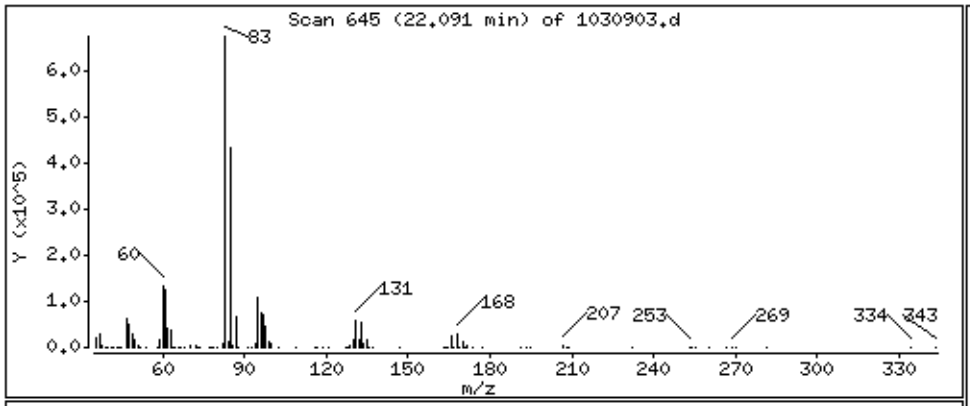
Operator: sjr

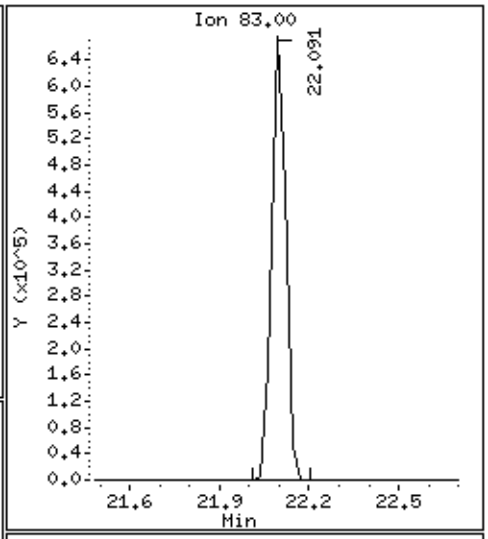
Column phase: RTx-624

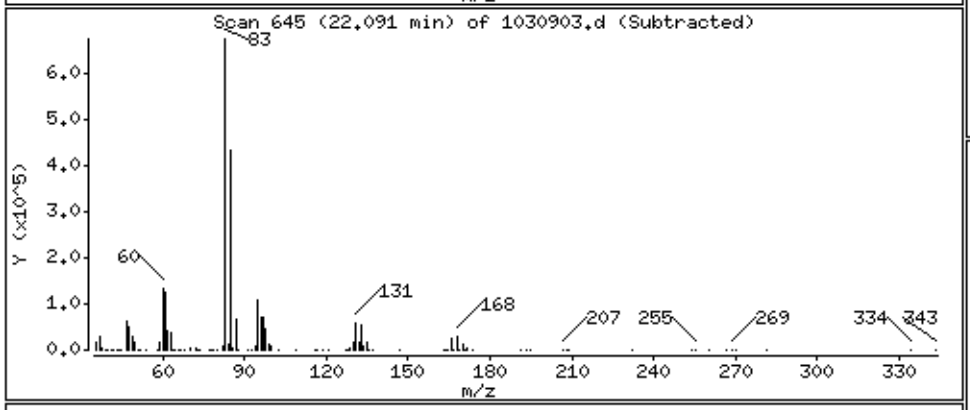
Column diameter: 0.53

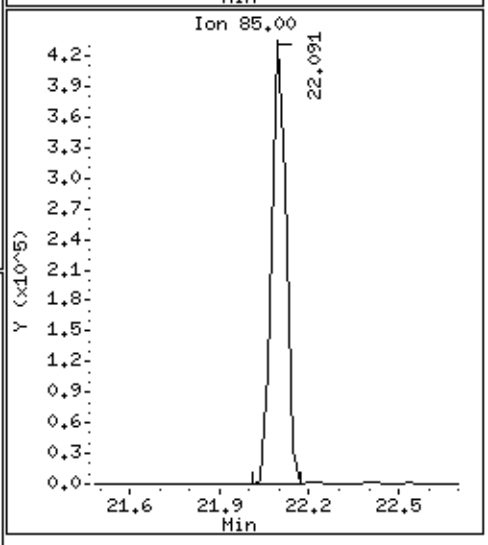
138 1,1,2,2-Tetrachloroethane

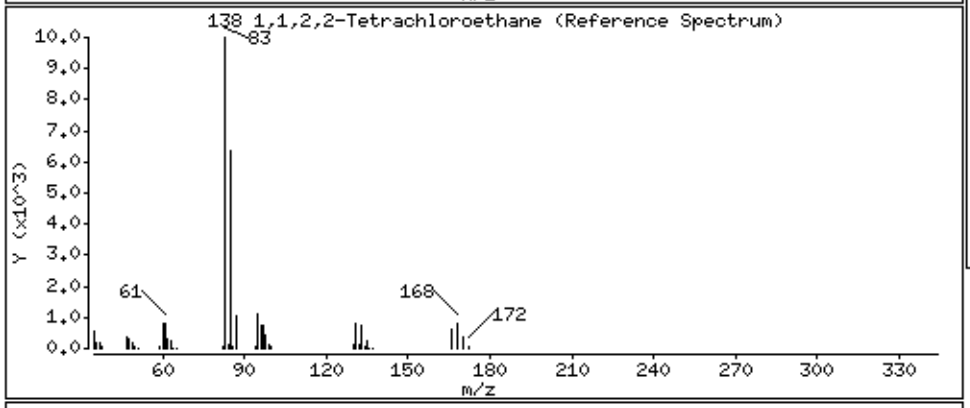
Concentration: 50.576 PPBV

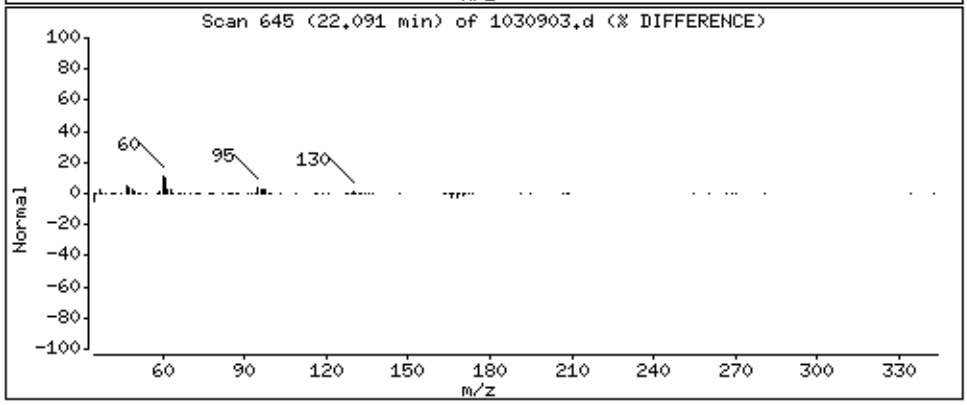












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

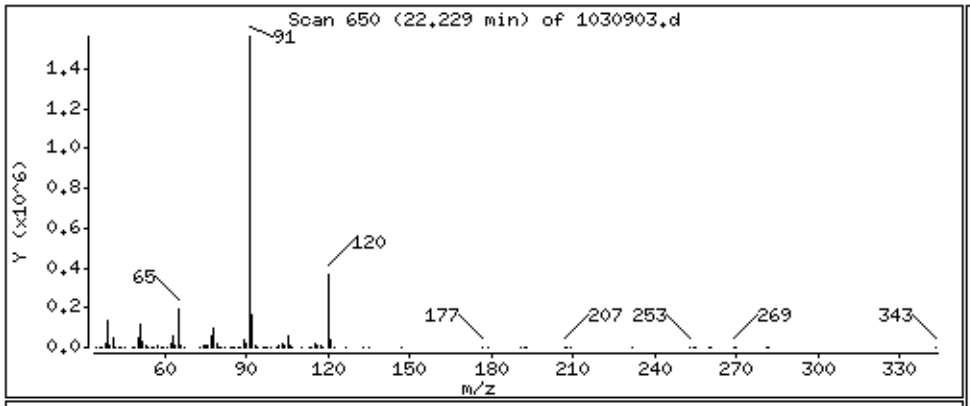
Operator: sjr

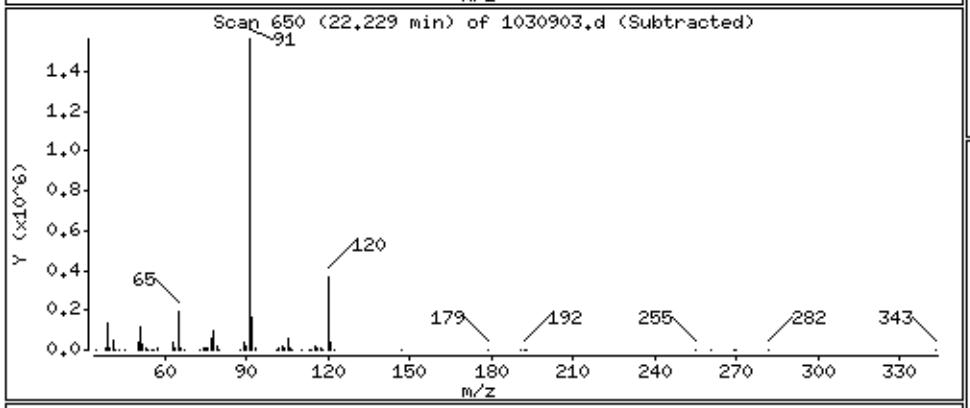
Column phase: RTx-624

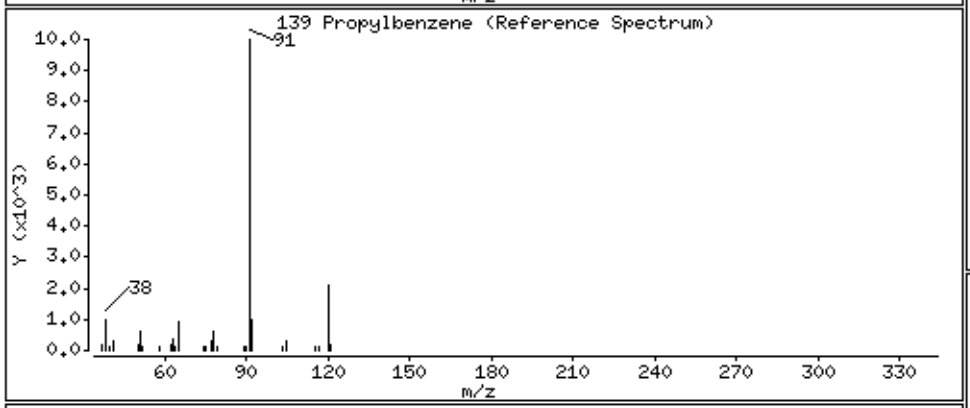
Column diameter: 0.53

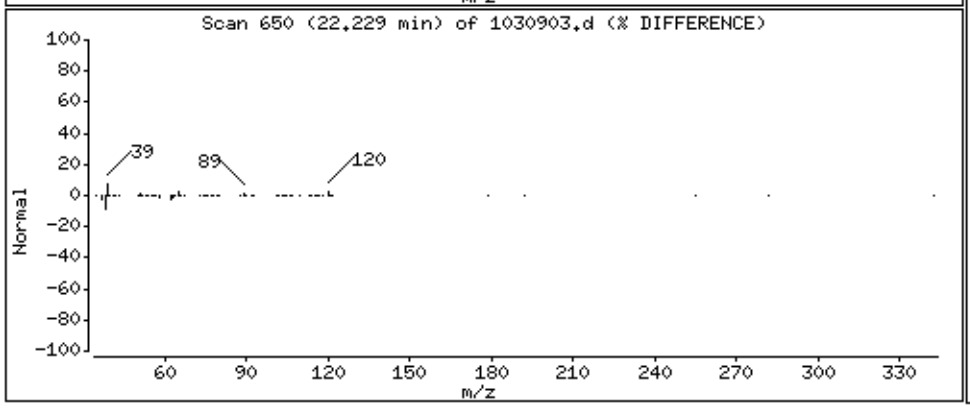
139 Propylbenzene

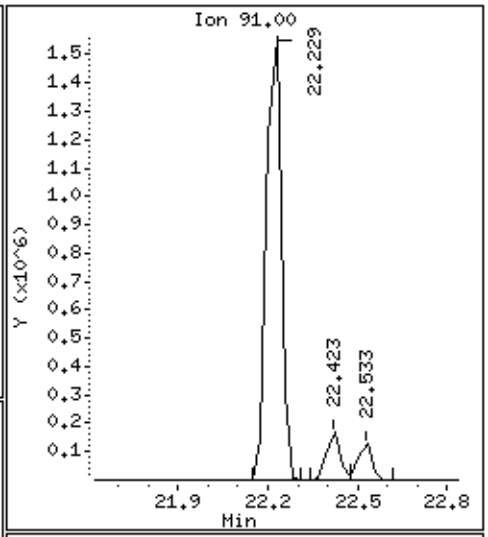
Concentration: 49.110 PPBV

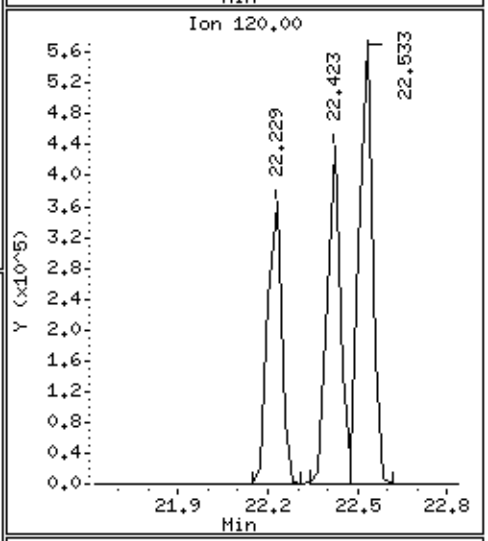


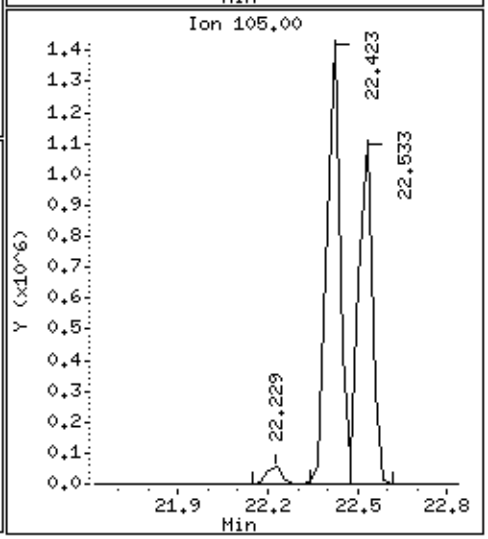












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

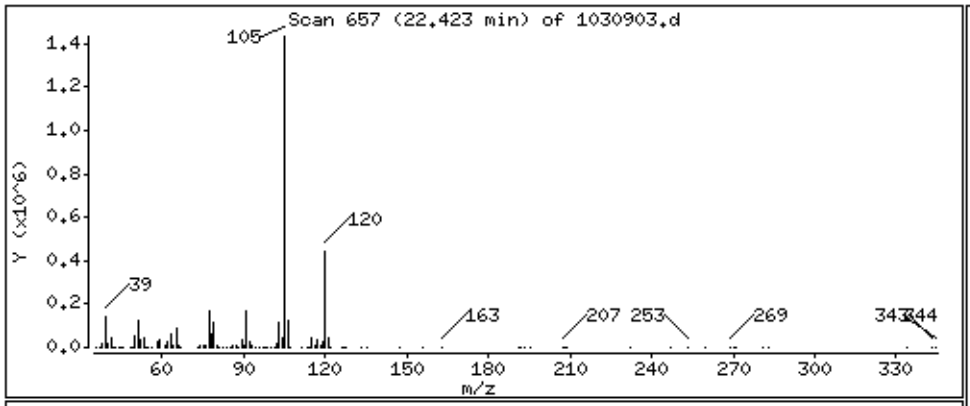
Operator: sjr

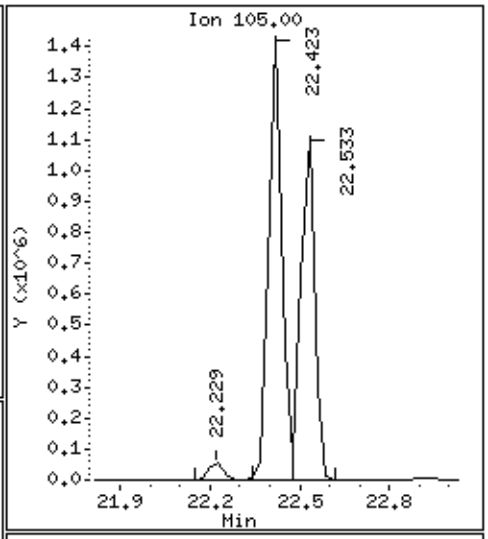
Column phase: RTx-624

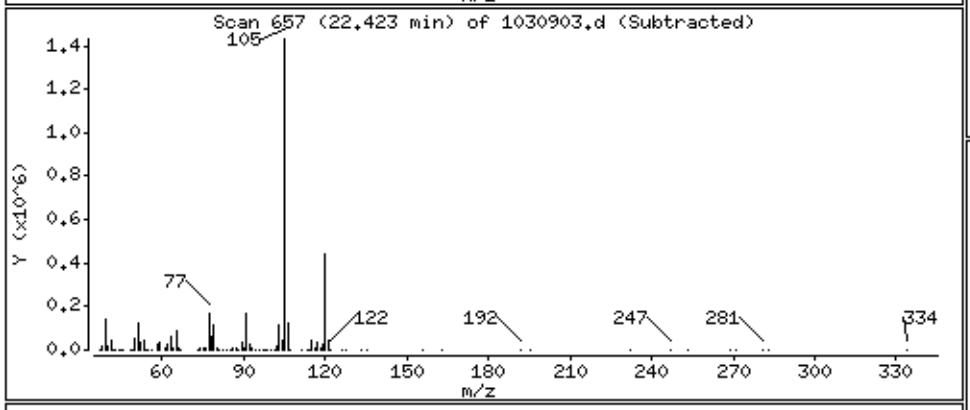
Column diameter: 0.53

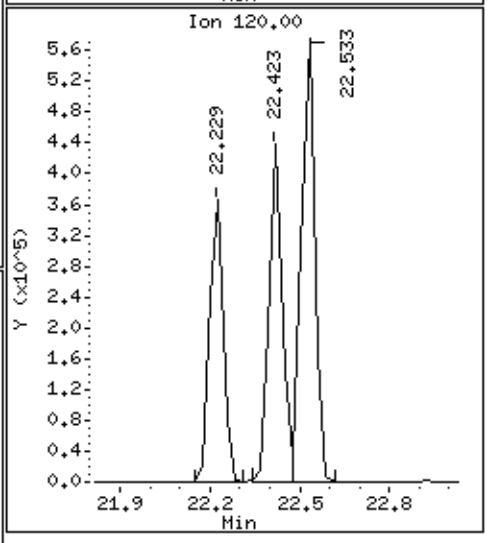
144 4-Ethyltoluene

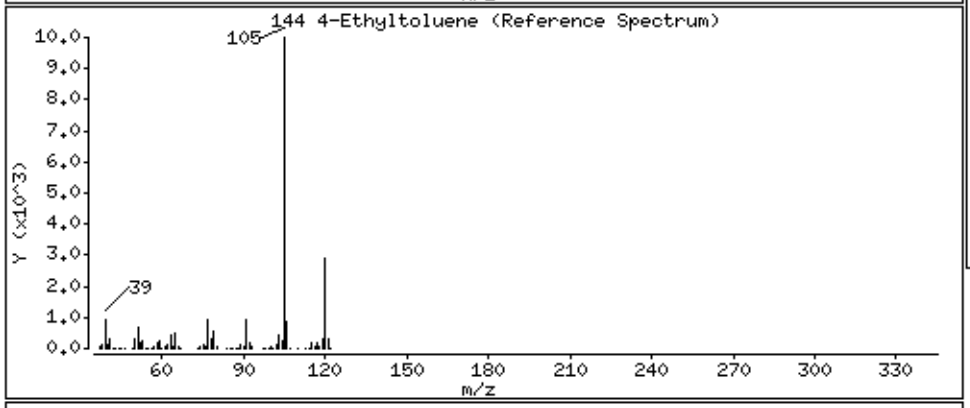
Concentration: 50.885 PPBV

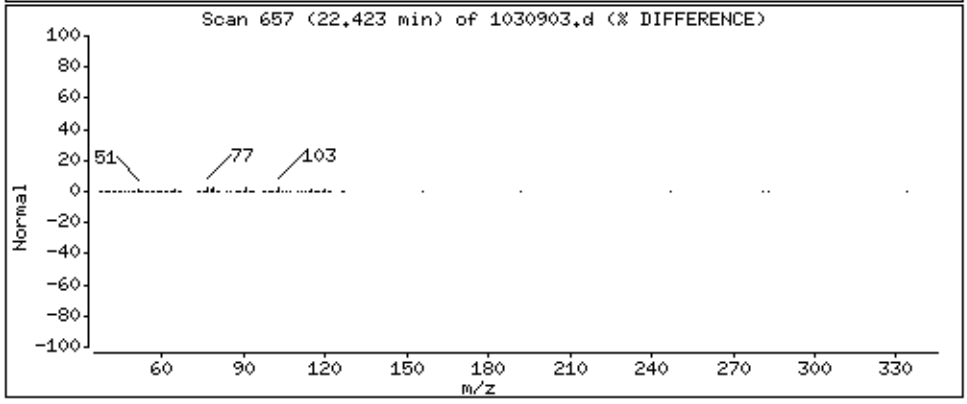












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

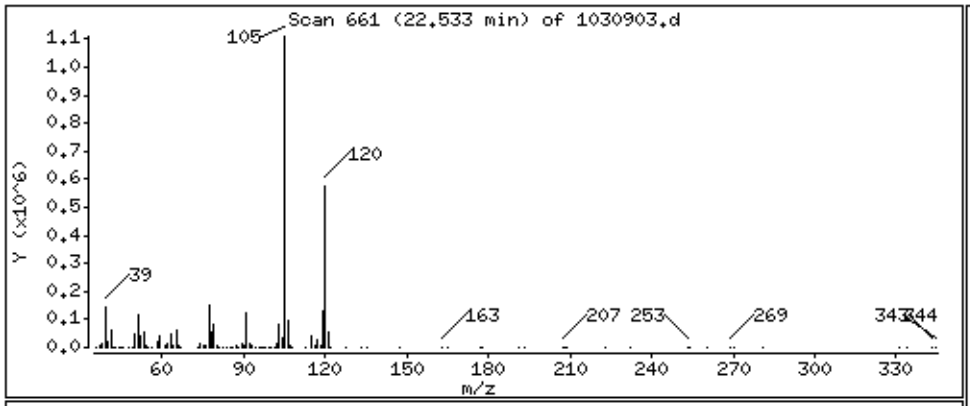
Operator: sjr

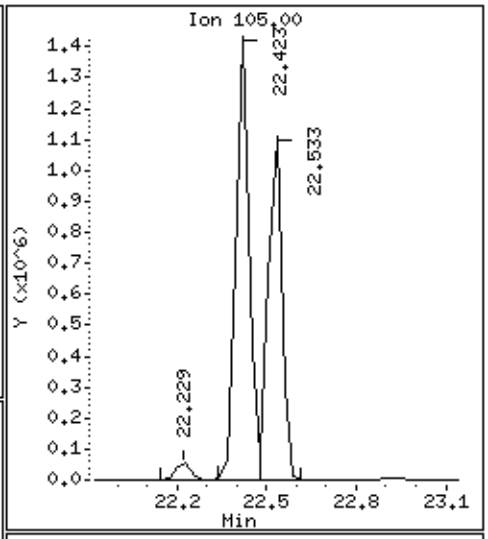
Column phase: RTx-624

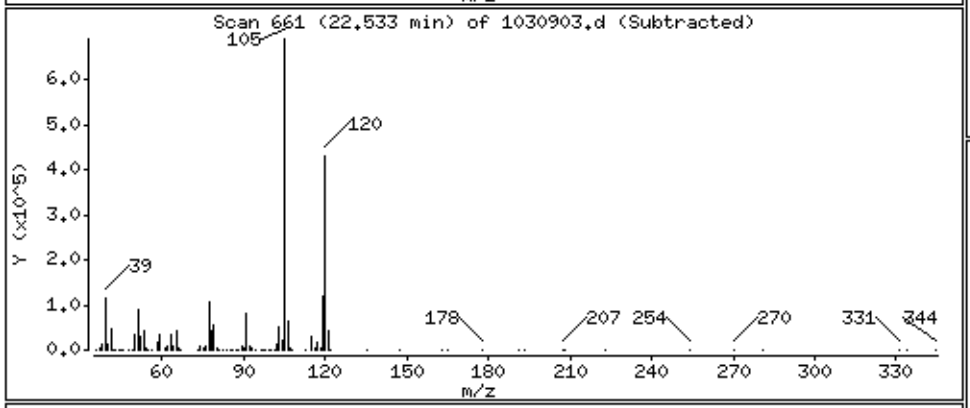
Column diameter: 0.53

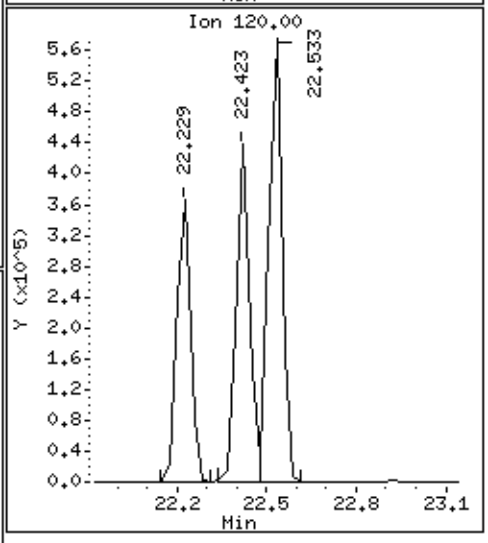
146 1,3,5-Trimethylbenzene

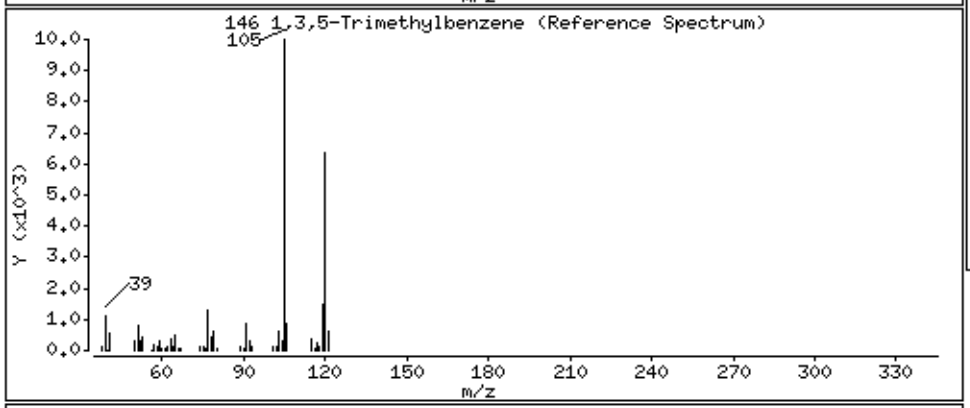
Concentration: 53.451 PPBV

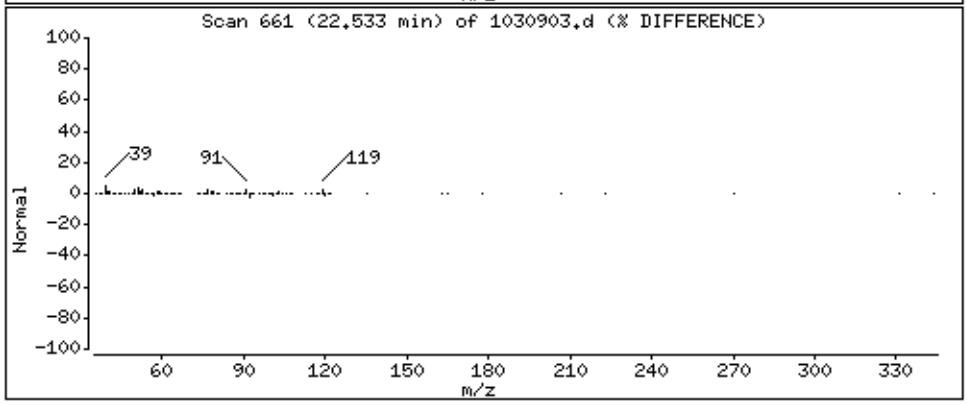












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

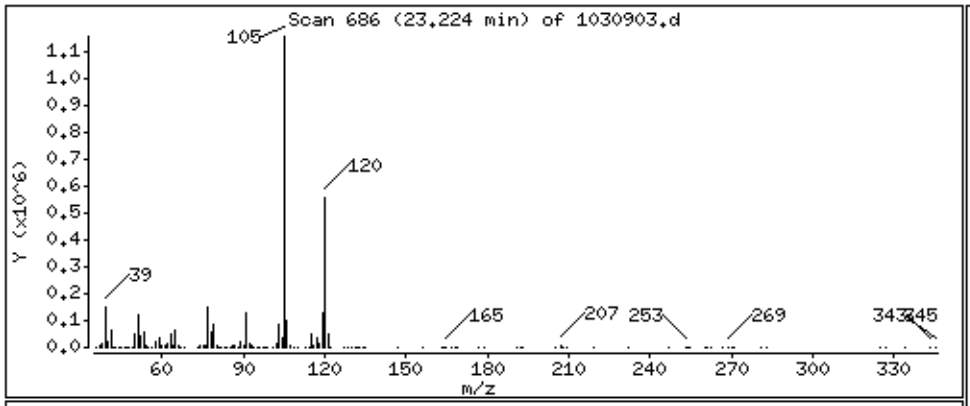
Operator: sjr

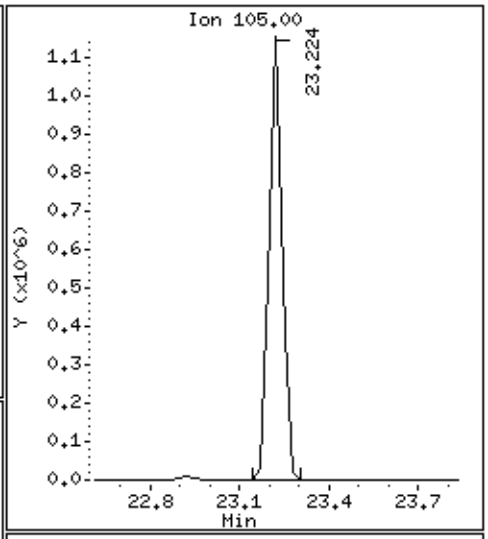
Column phase: RTx-624

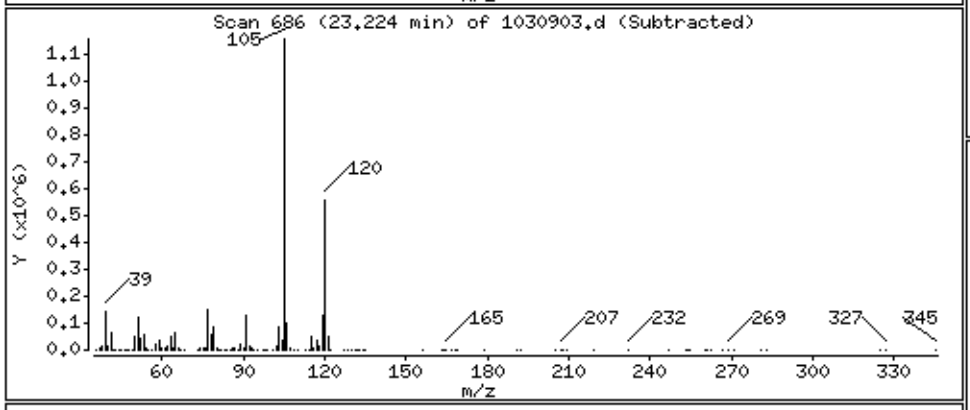
Column diameter: 0.53

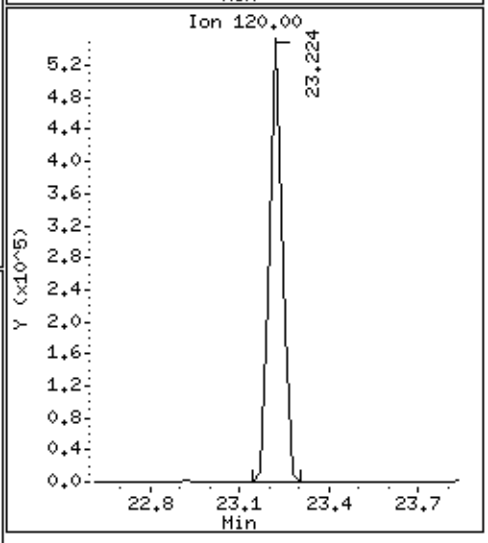
150 1,2,4-Trimethylbenzene

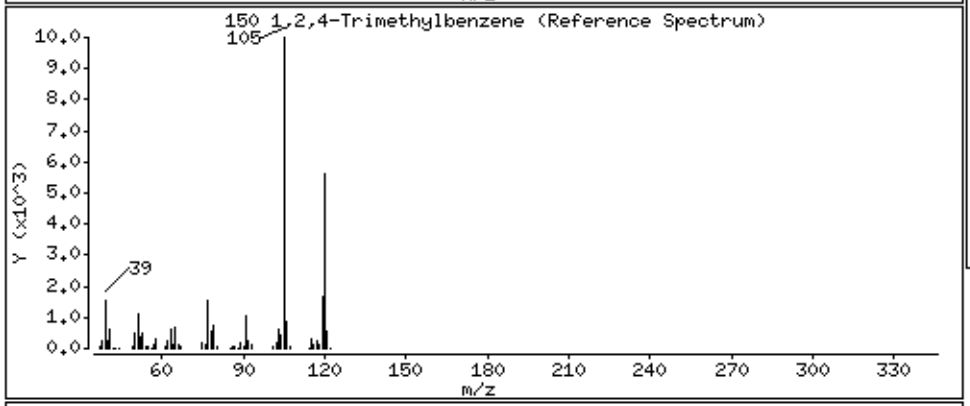
Concentration: 50.781 PPBV

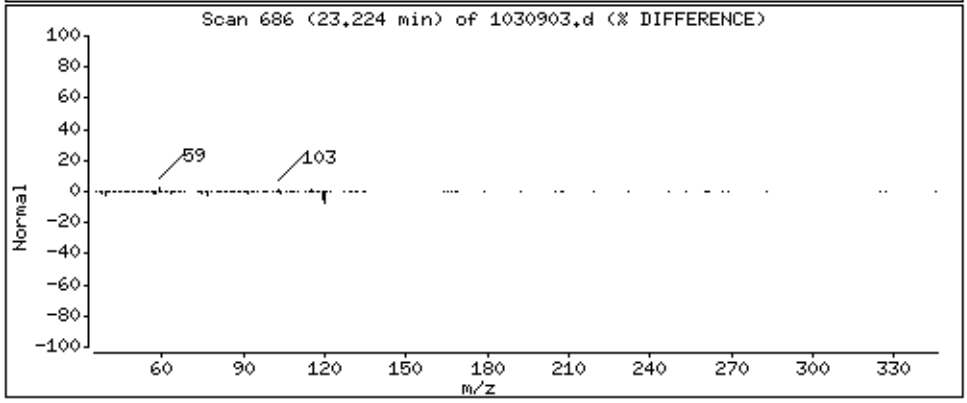












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

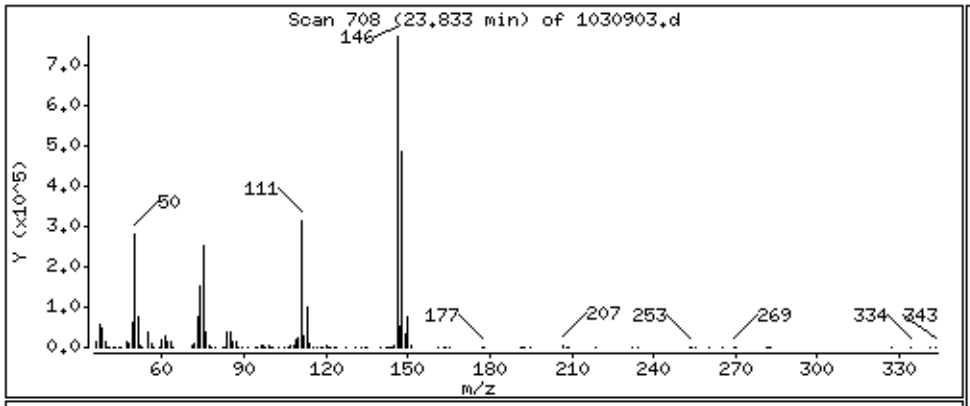
Operator: sjr

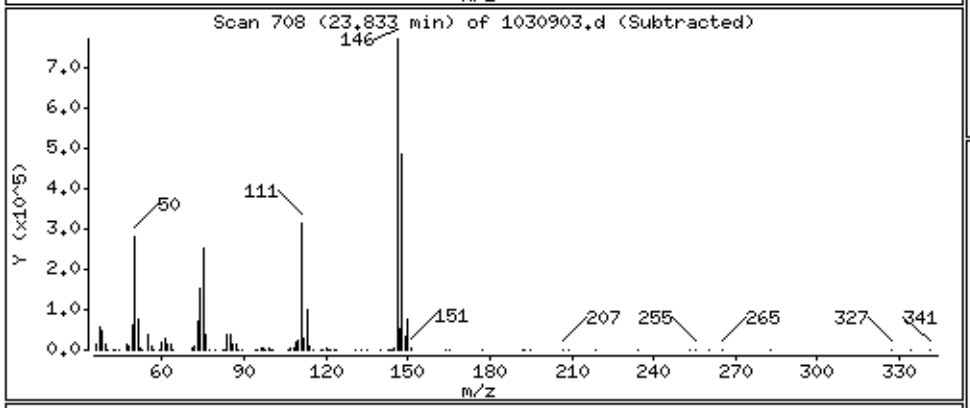
Column phase: RTx-624

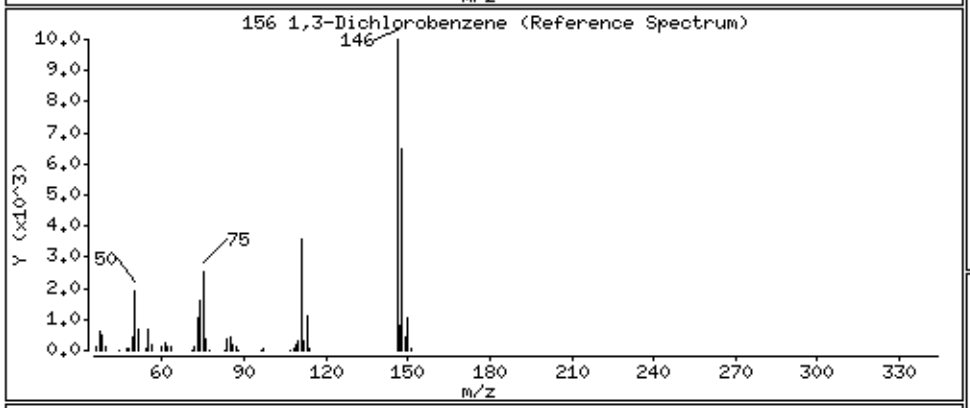
Column diameter: 0.53

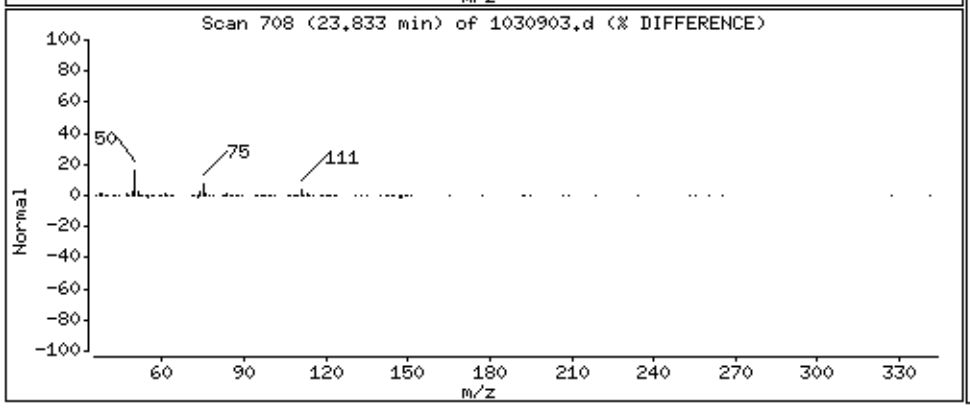
156 1,3-Dichlorobenzene

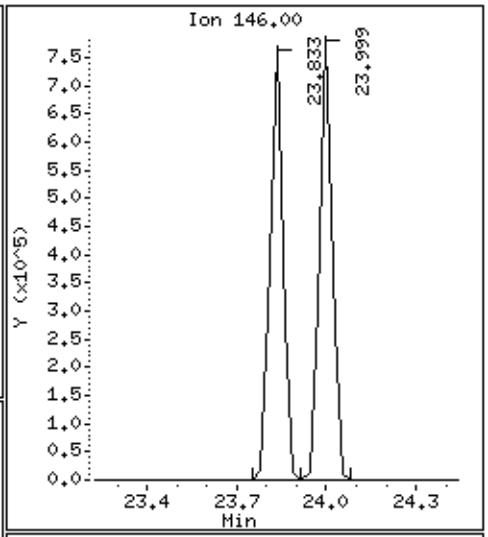
Concentration: 49.792 PPBV

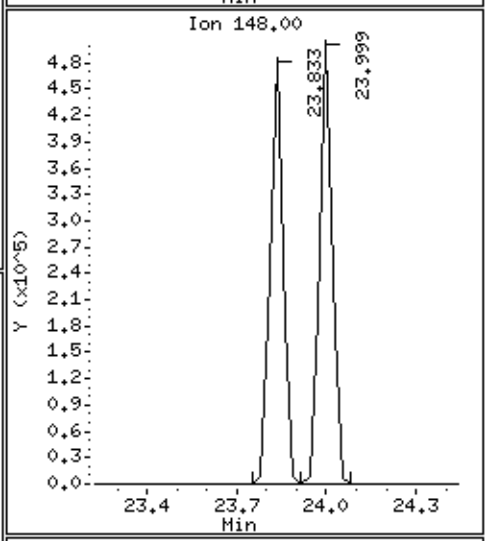


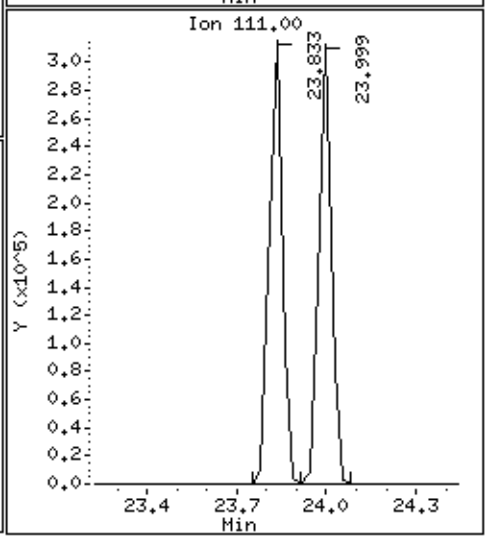












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

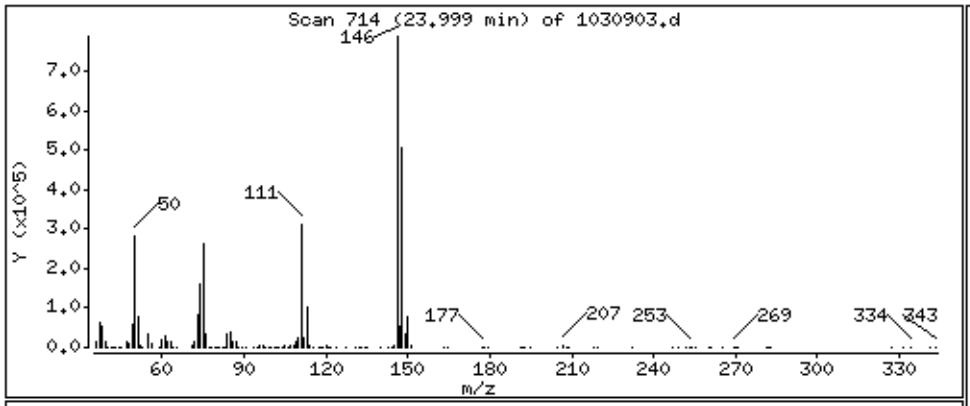
Operator: sjr

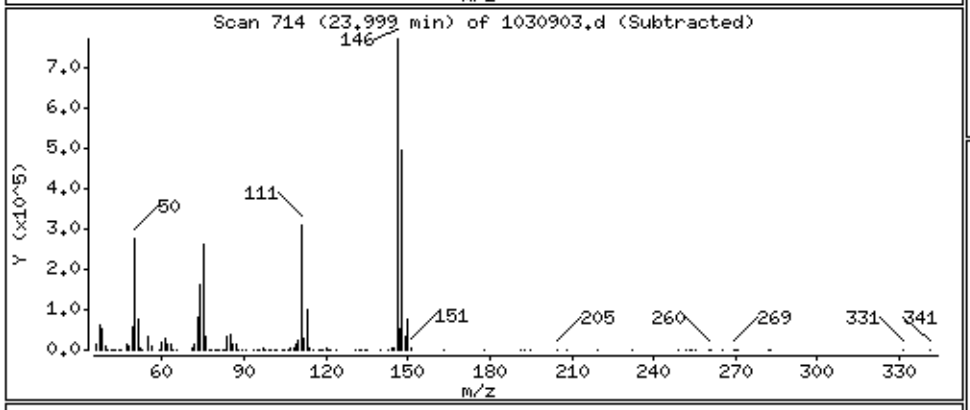
Column phase: RTx-624

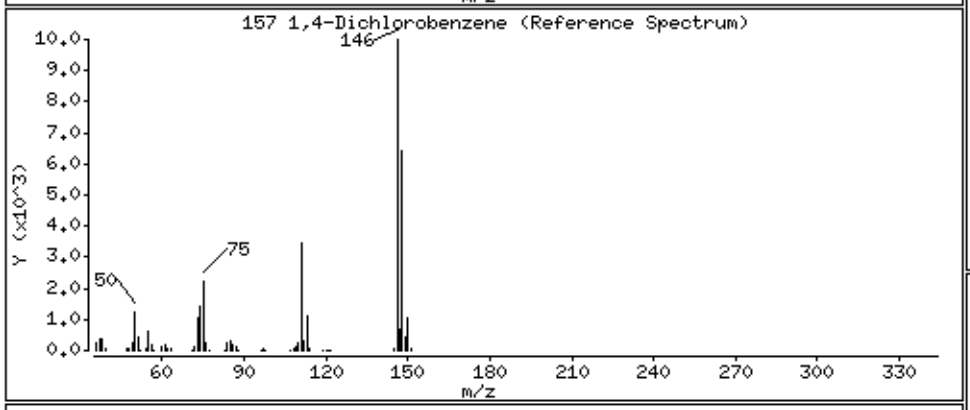
Column diameter: 0.53

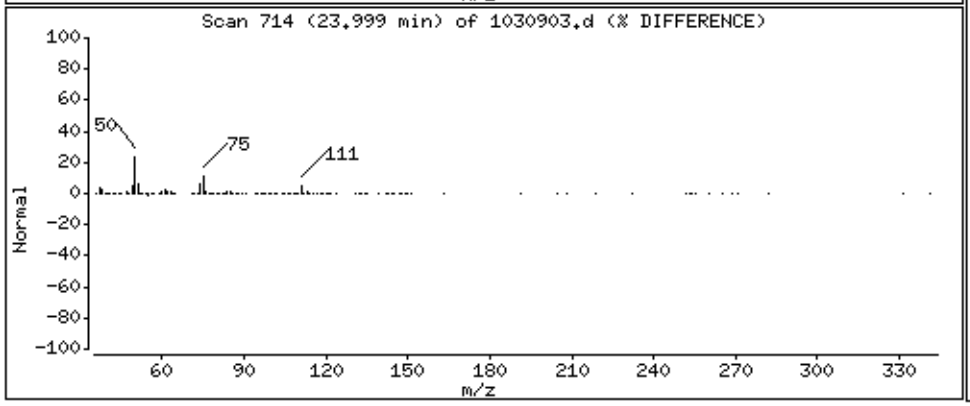
157 1,4-Dichlorobenzene

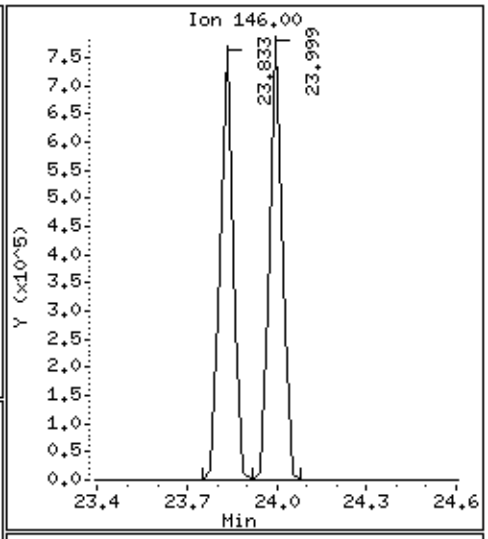
Concentration: 50.725 PPBV

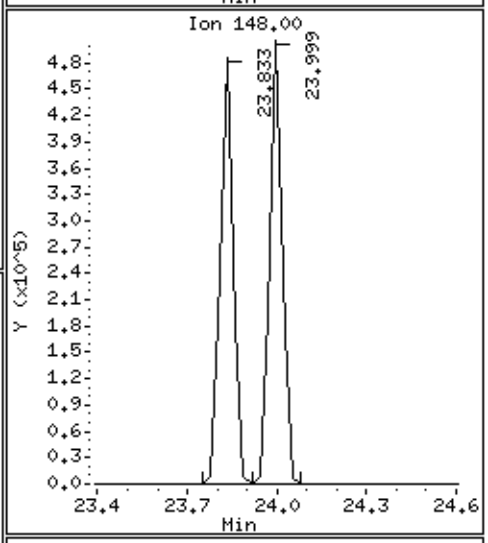


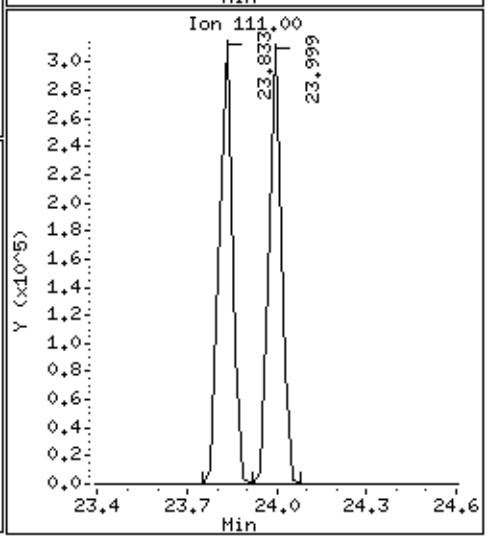












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

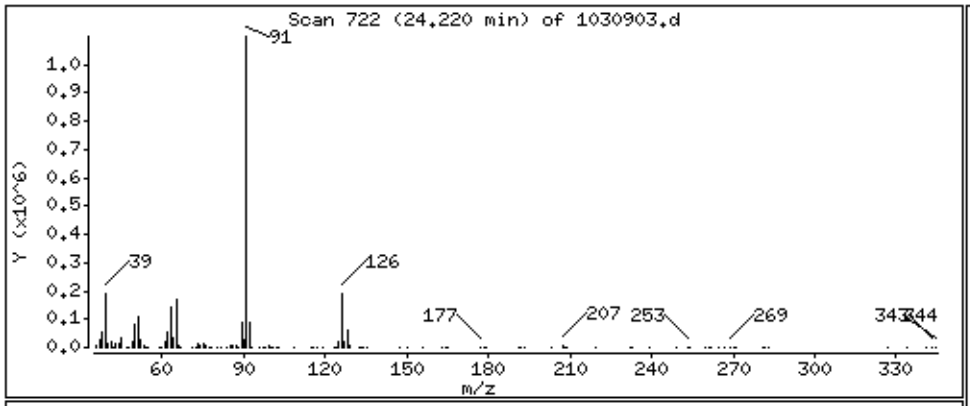
Operator: sjr

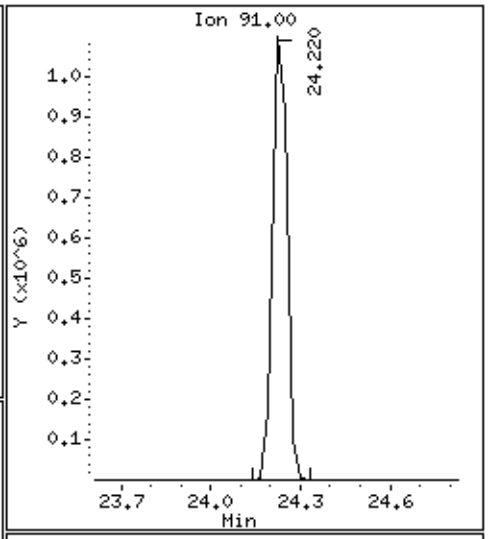
Column phase: RTx-624

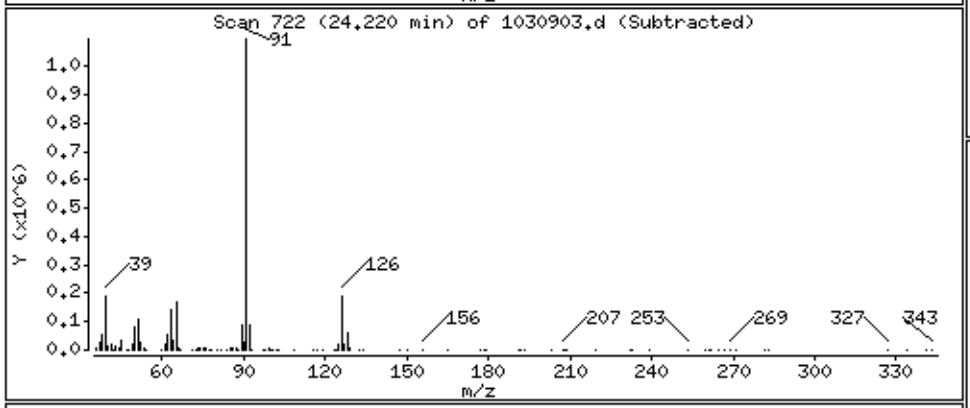
Column diameter: 0.53

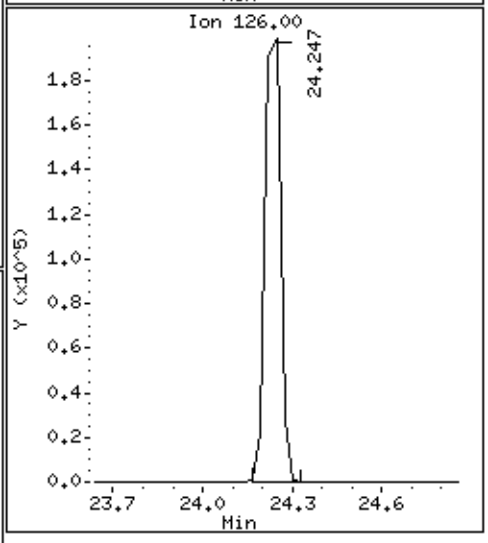
159 alpha-Chlorotoluene

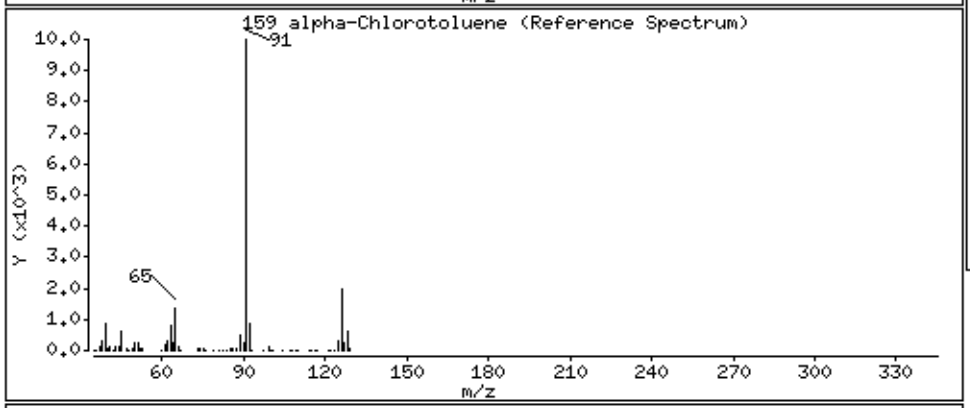
Concentration: 51.541 PPBV

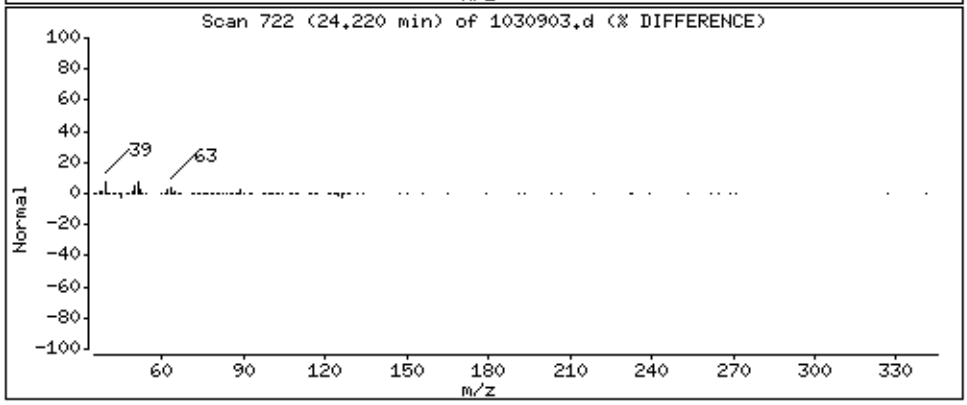












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

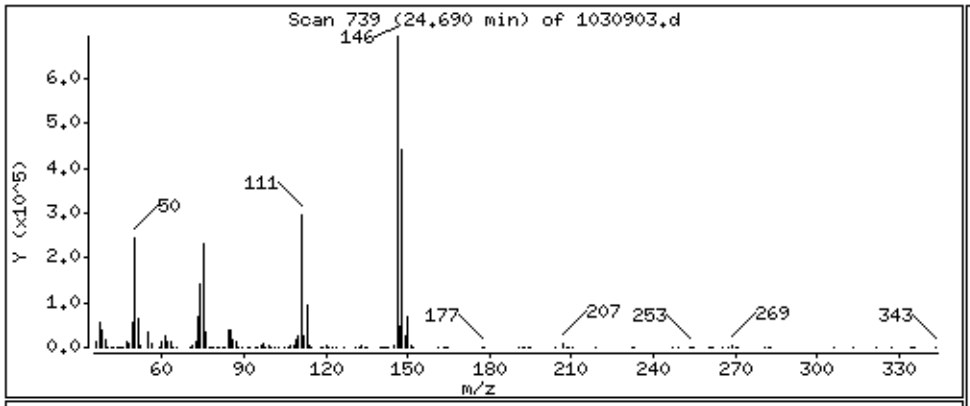
Operator: sjr

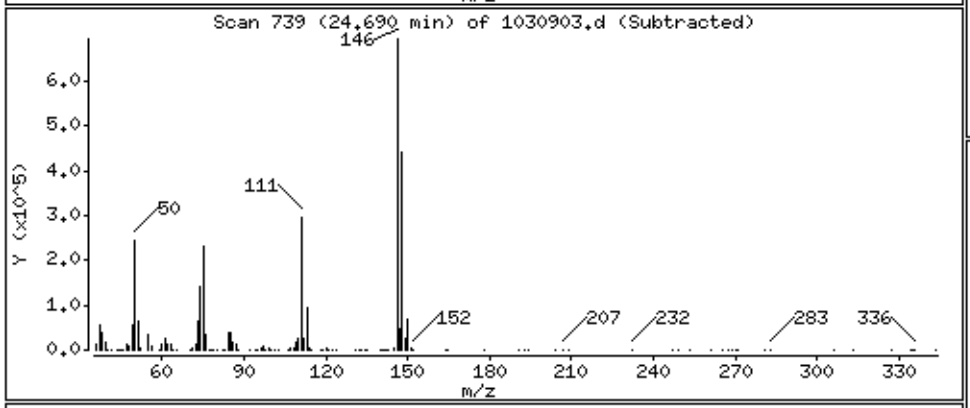
Column phase: RTx-624

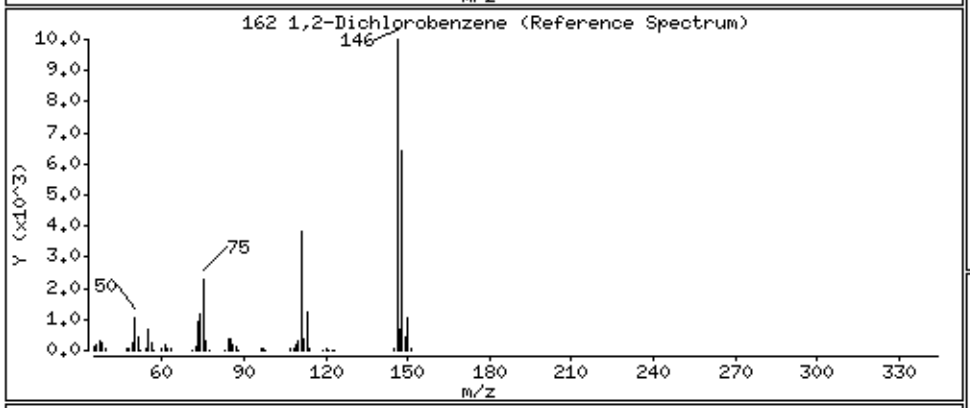
Column diameter: 0.53

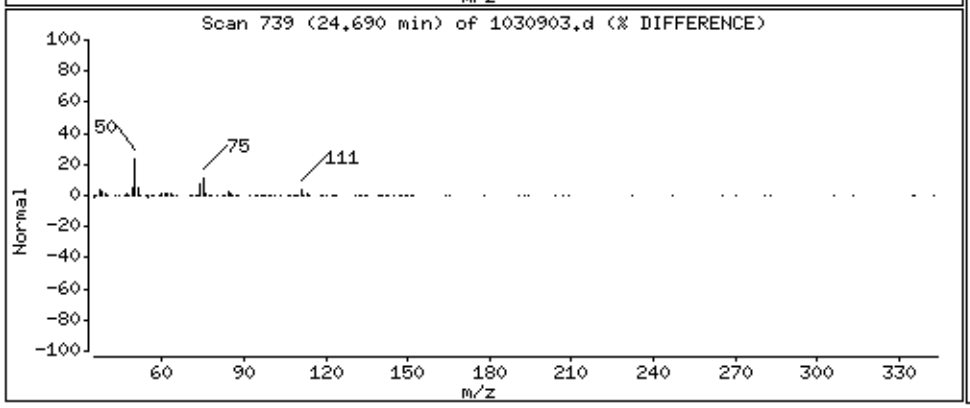
162 1,2-Dichlorobenzene

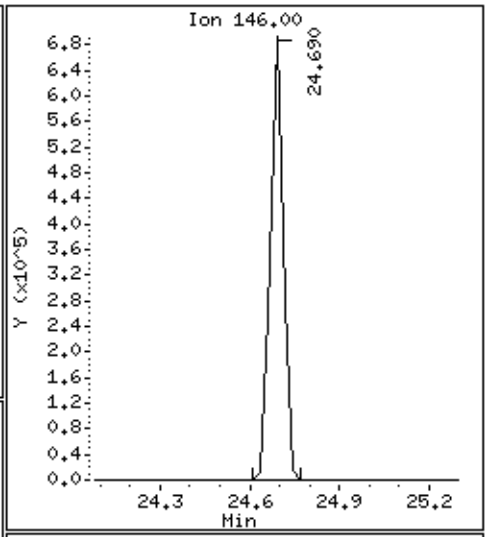
Concentration: 48.052 PPBV

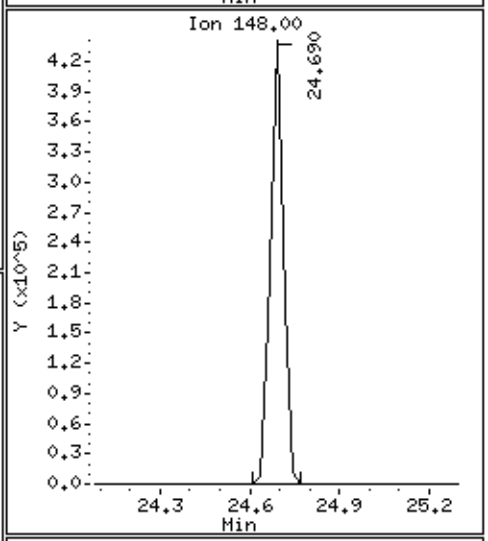


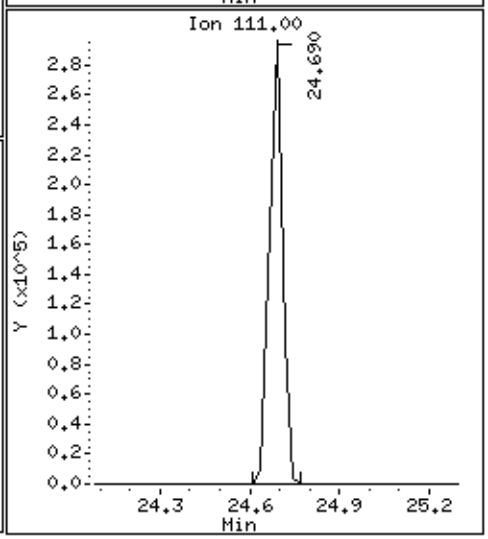












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

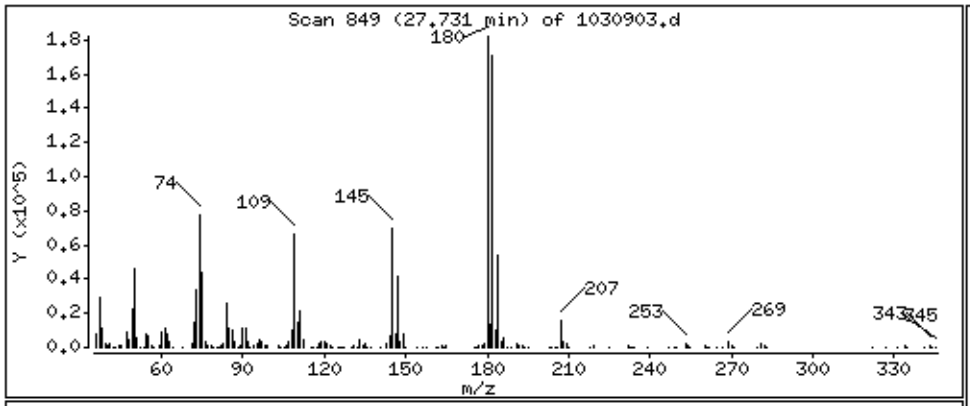
Operator: sjr

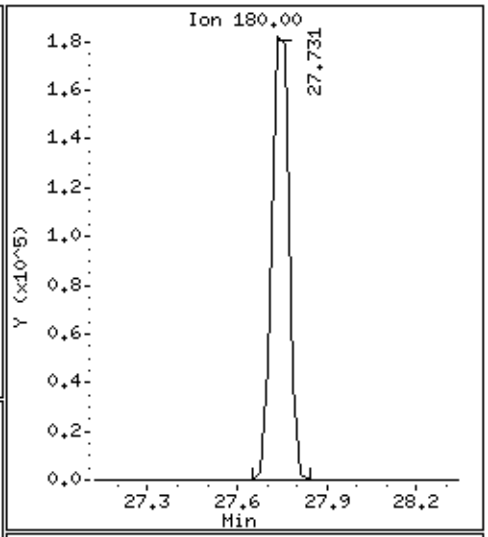
Column phase: RTx-624

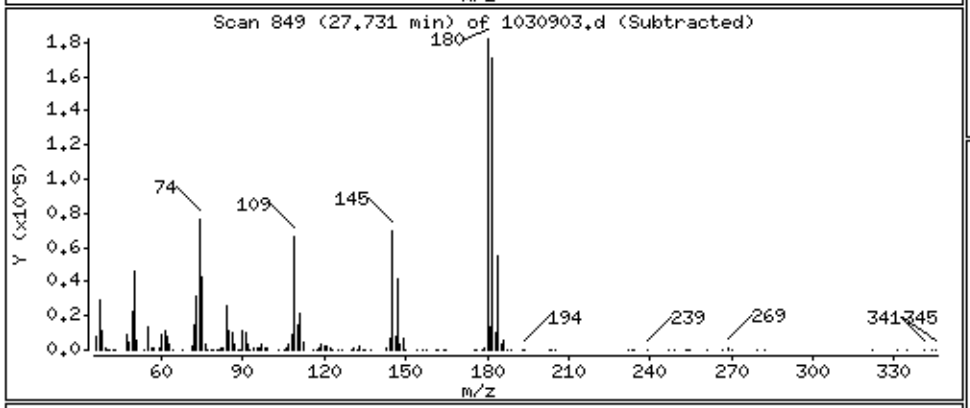
Column diameter: 0.53

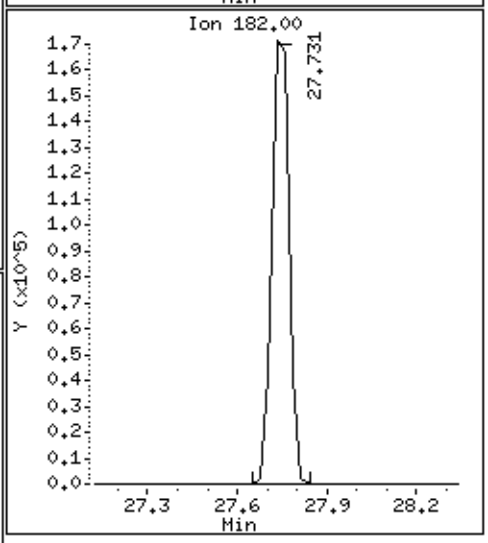
167 1,2,4-Trichlorobenzene

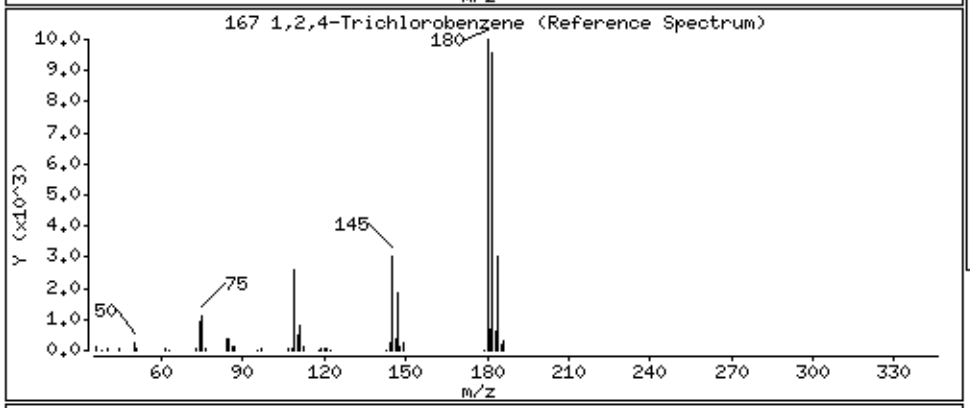
Concentration: 48.208 PPBV

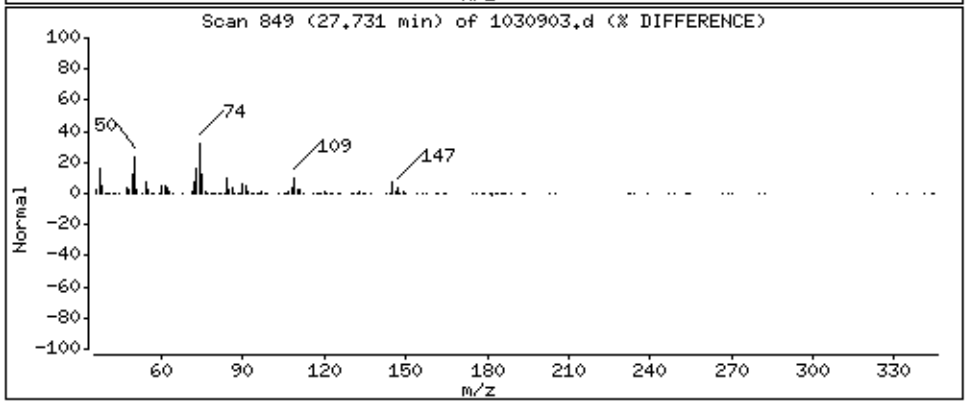












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

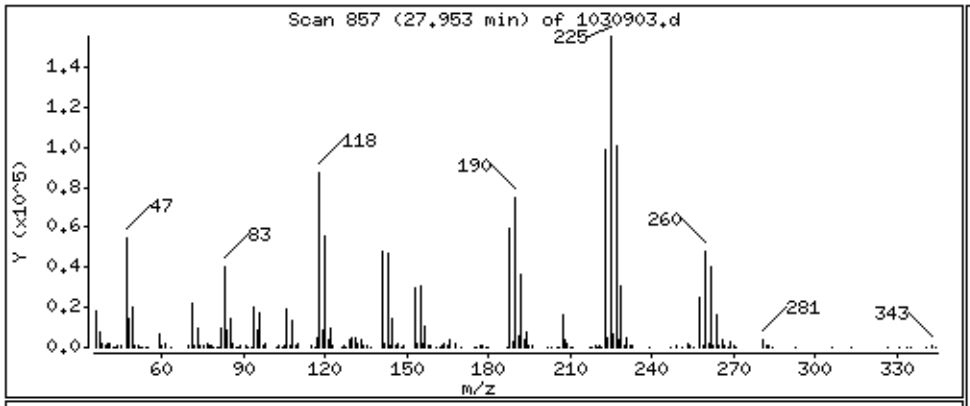
Operator: sjr

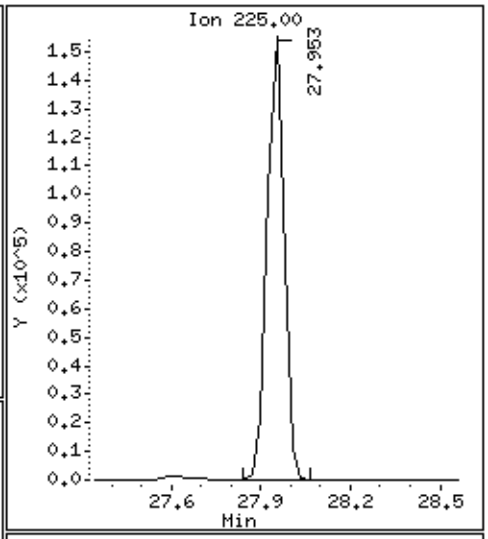
Column phase: RTx-624

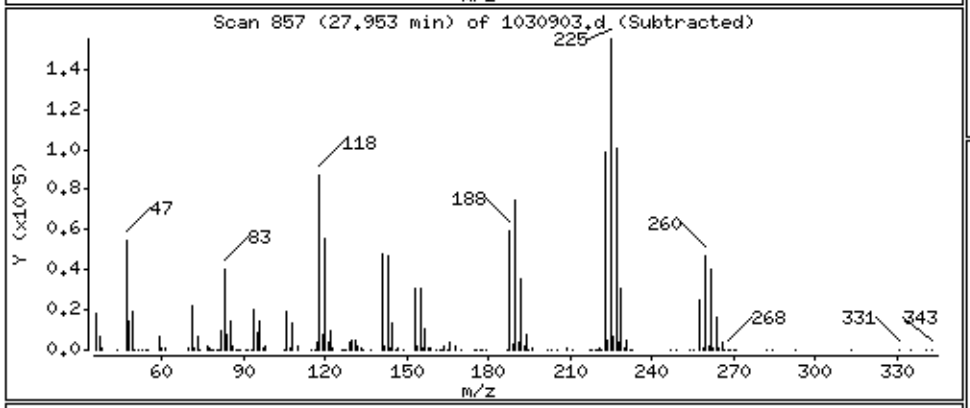
Column diameter: 0.53

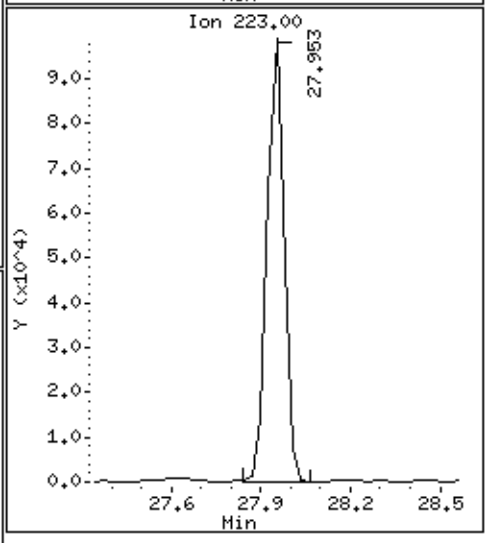
168 Hexachlorobutadiene

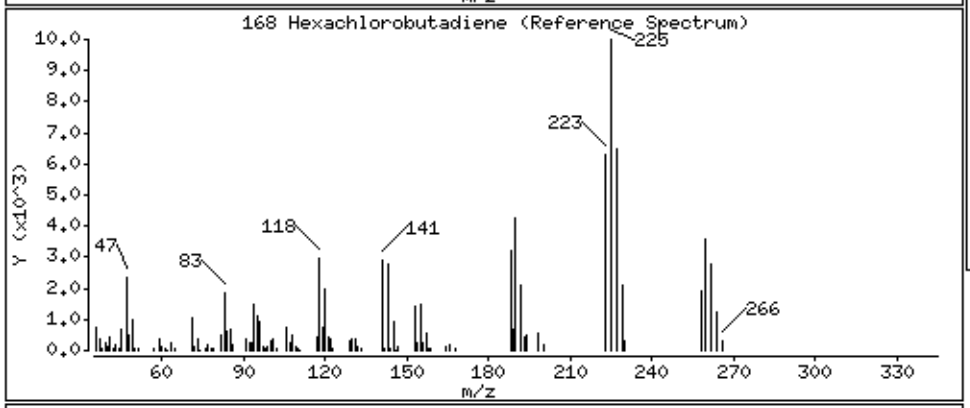
Concentration: 51.601 PPBV

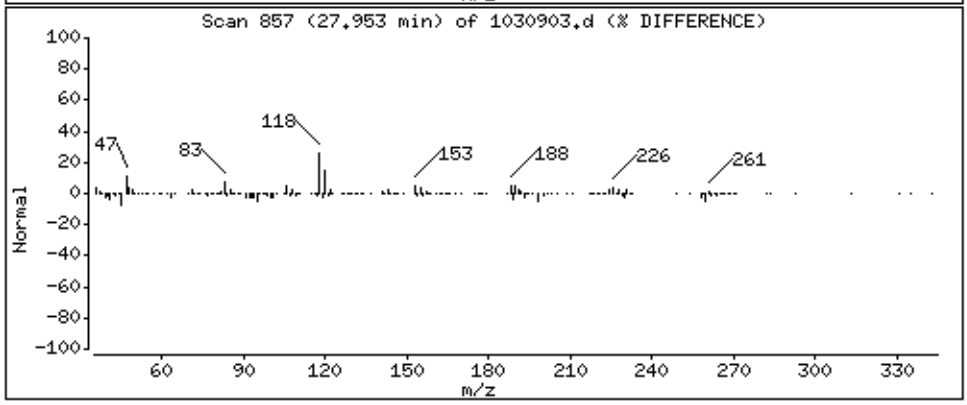












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

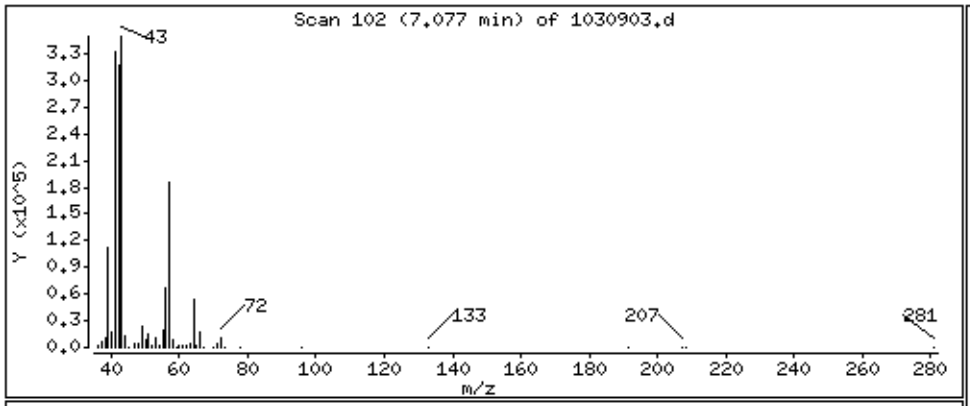
Operator: sjr

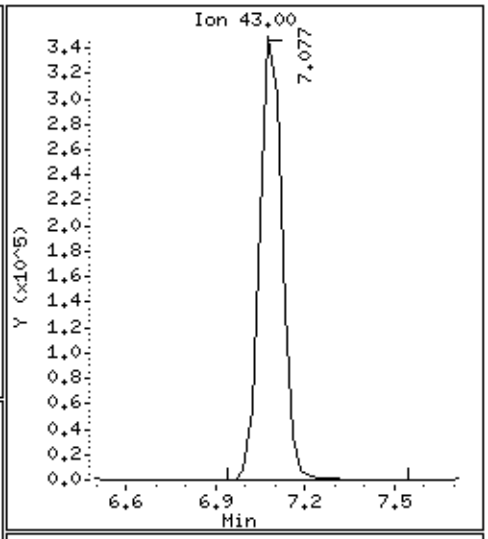
Column phase: RTx-624

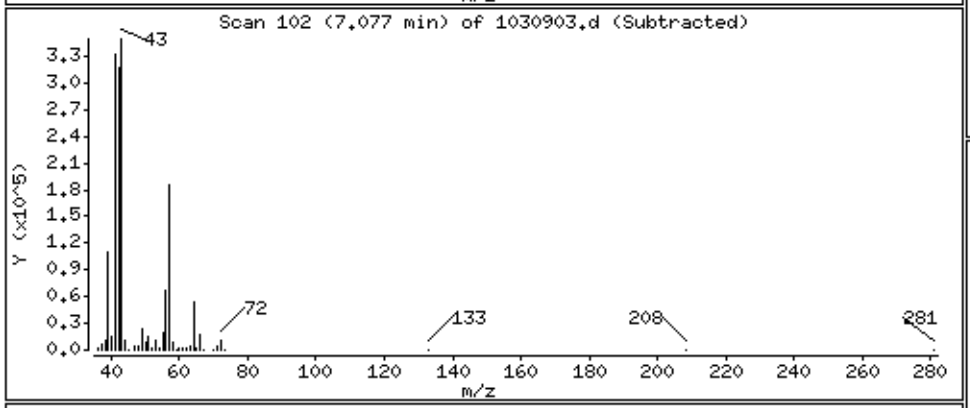
Column diameter: 0.53

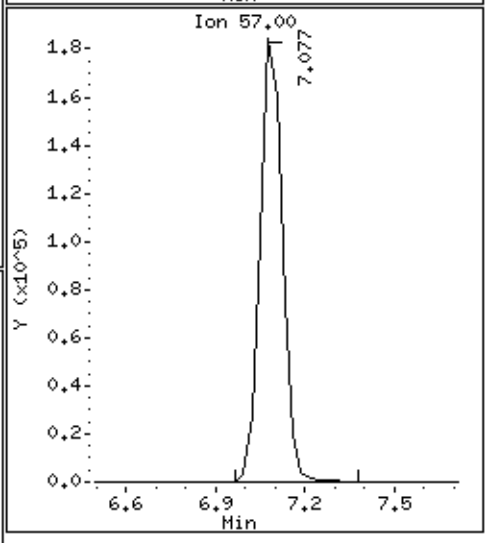
29 Isopentane

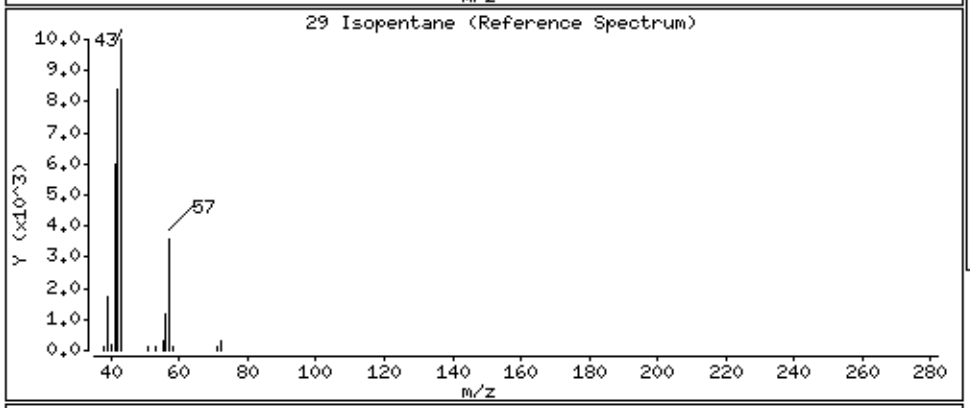
Concentration: 58.579 PPBV

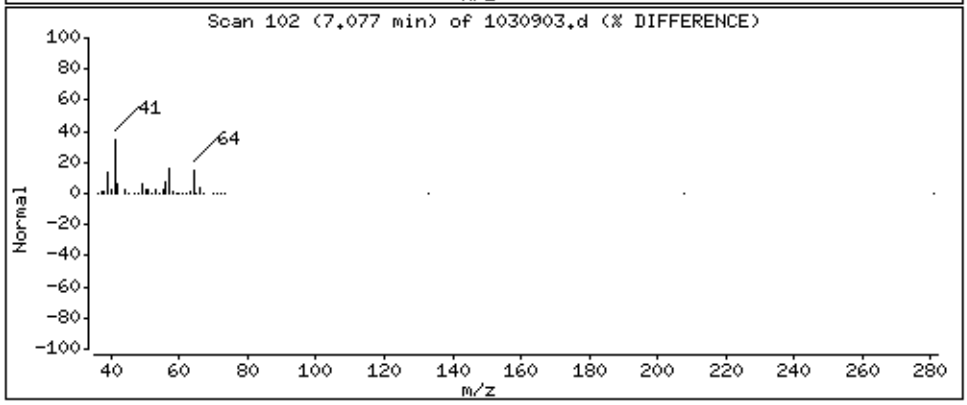












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

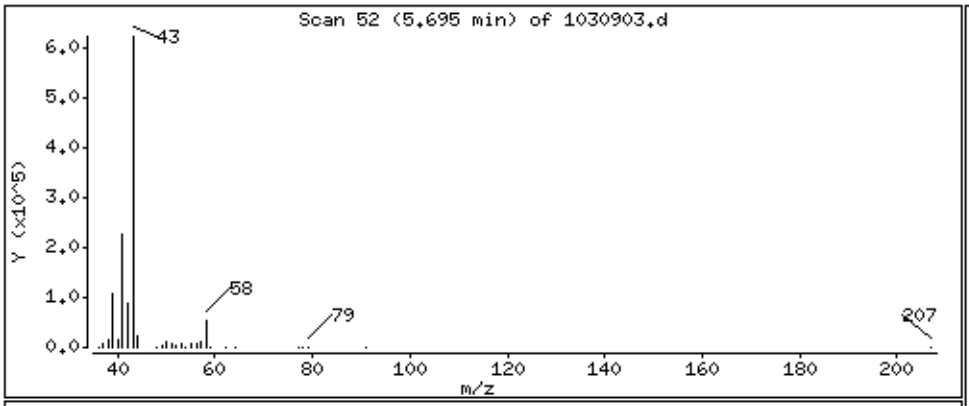
Operator: sjr

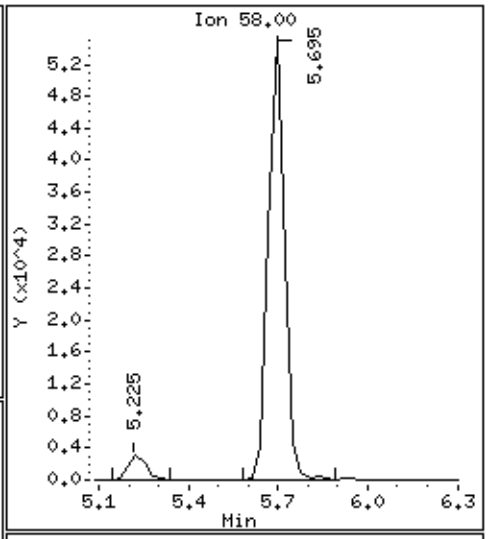
Column phase: RTx-624

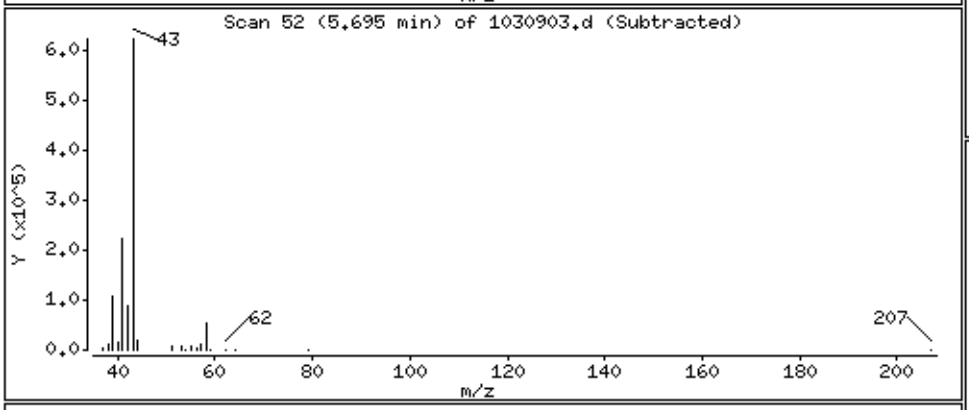
Column diameter: 0.53

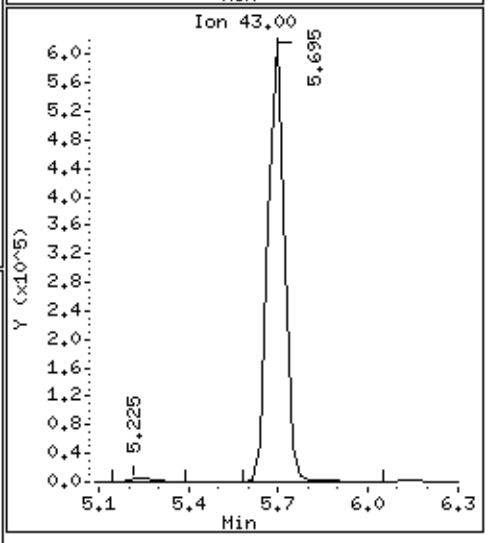
20 Butane

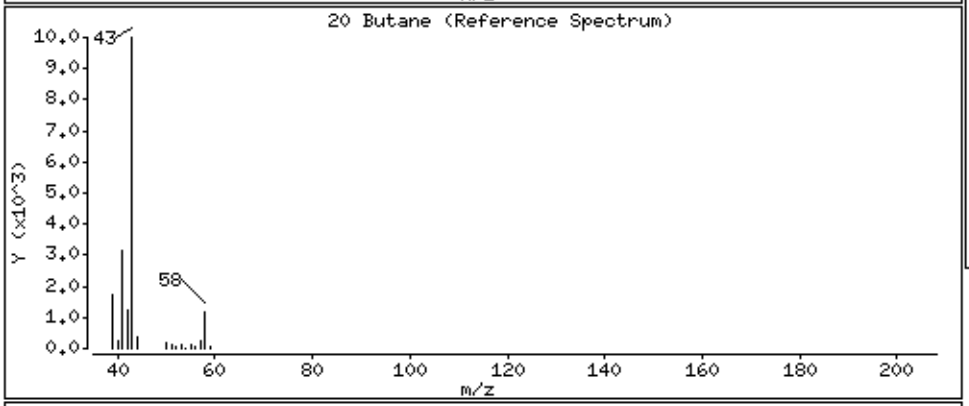
Concentration: 62.105 PPBV

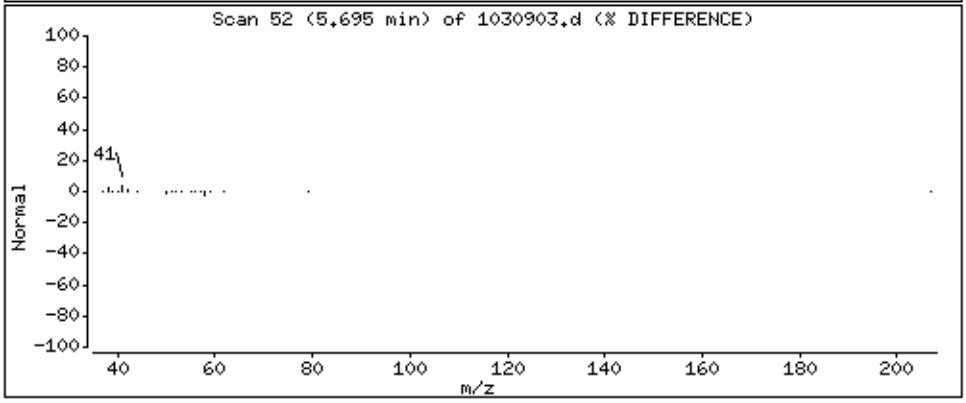












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

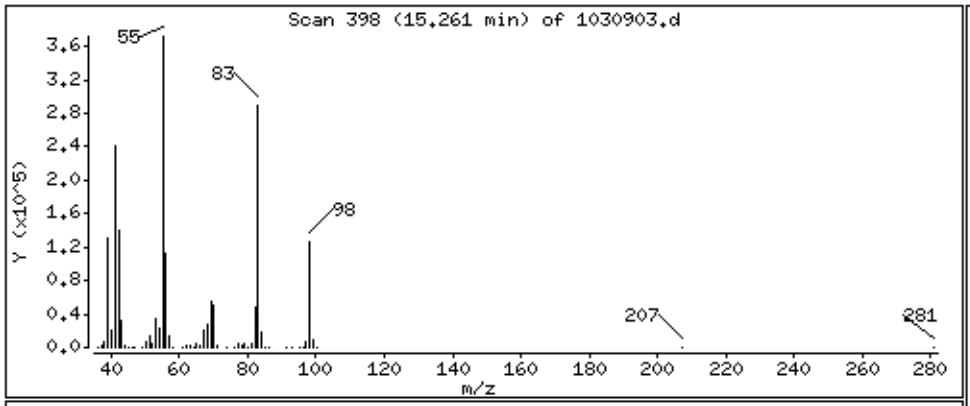
Operator: sjr

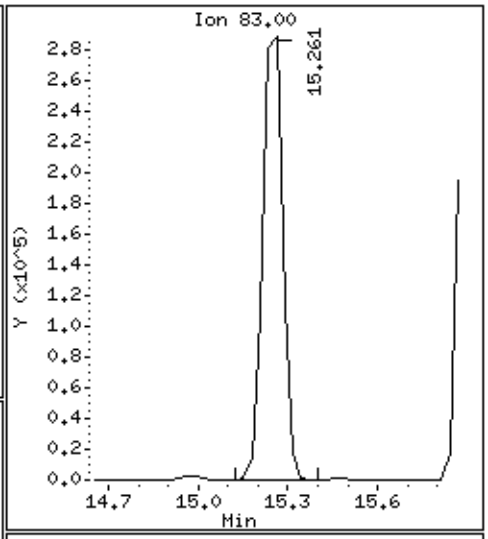
Column phase: RTx-624

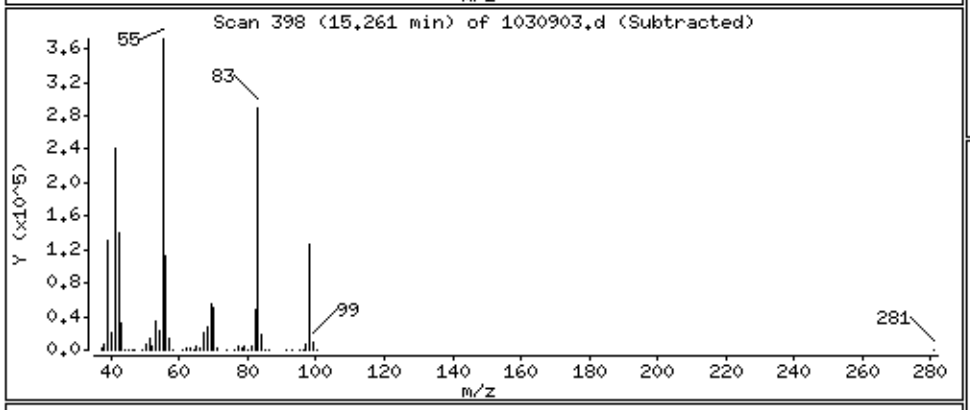
Column diameter: 0.53

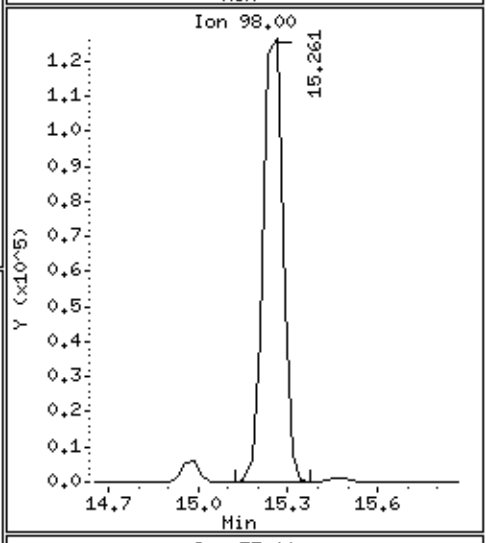
102 Methyl Cyclohexane

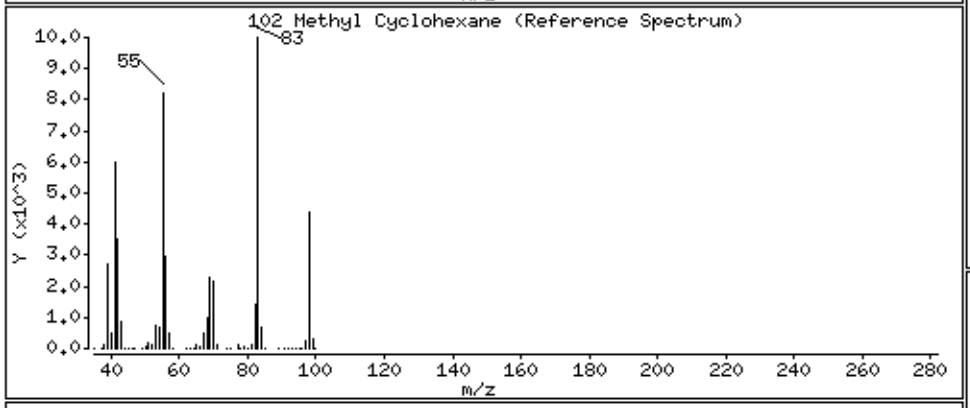
Concentration: 59.090 PPBV

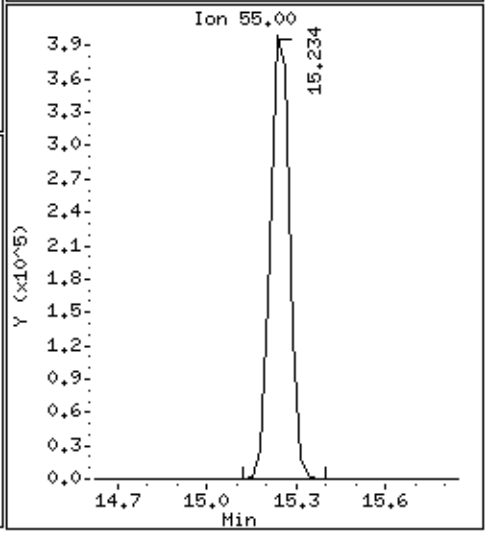


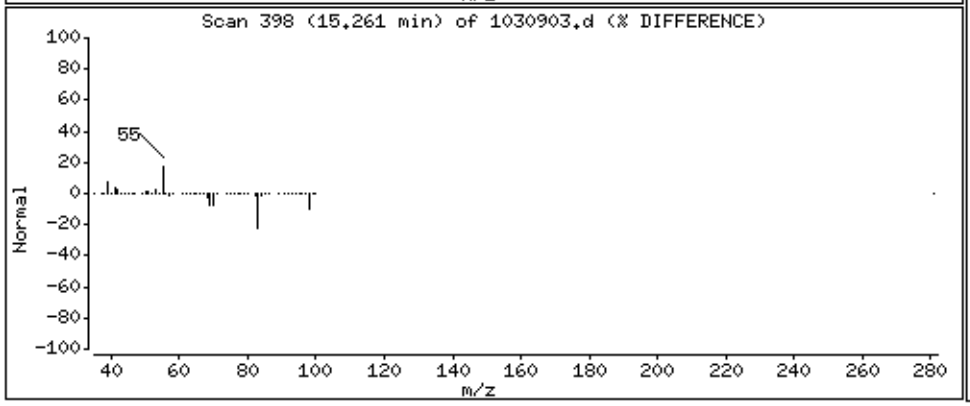












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

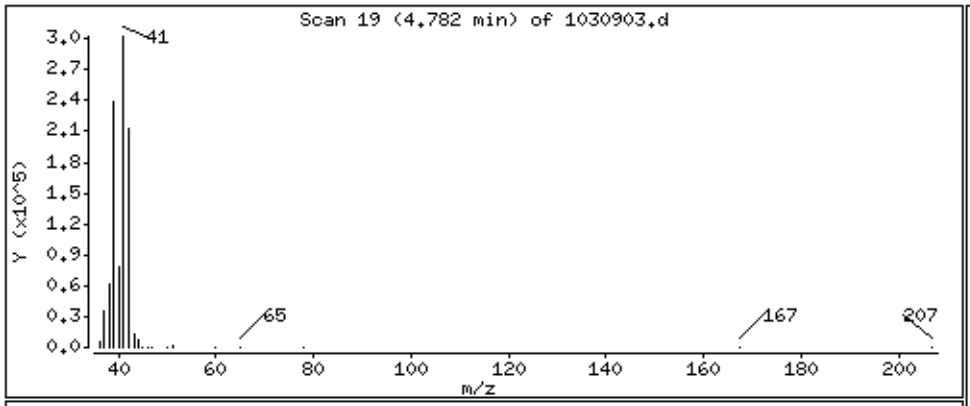
Client ID: LCS-1 Instrument: msd1.i

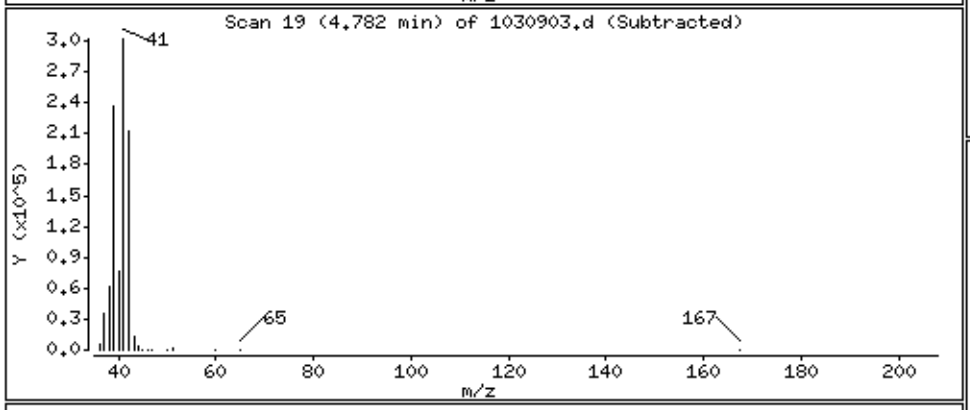
Sample Info: 50mL #1408-386

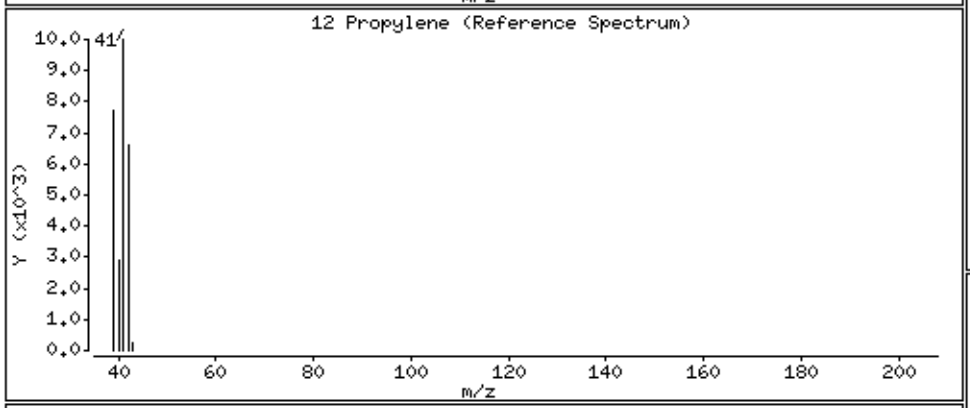
Operator: sjr

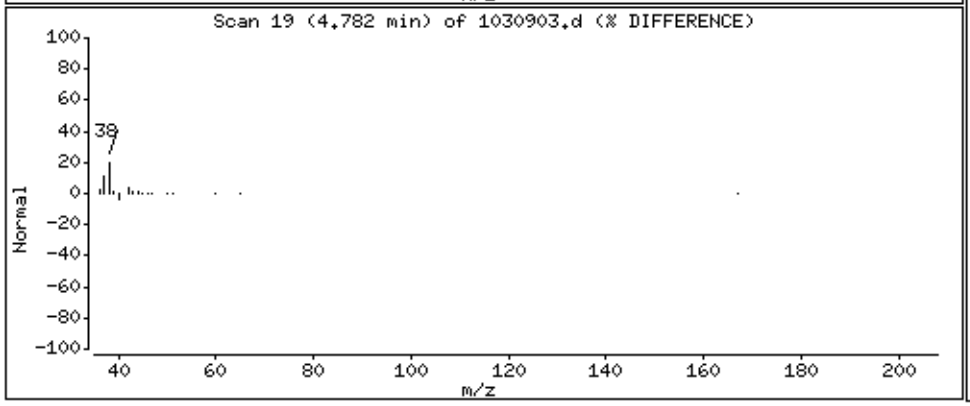
Column phase: RTx-624 Column diameter: 0.53

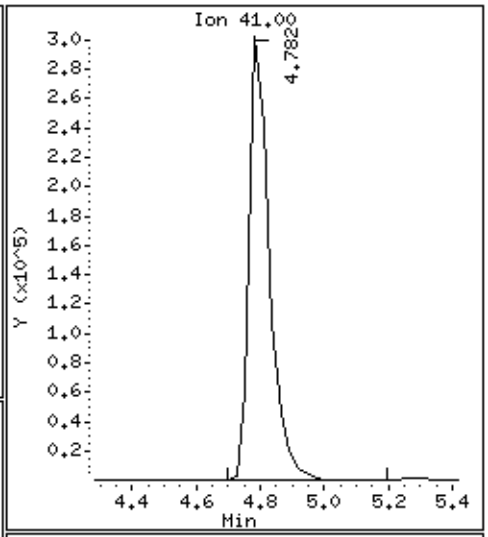
12 Propylene Concentration: 58.382 PPBV

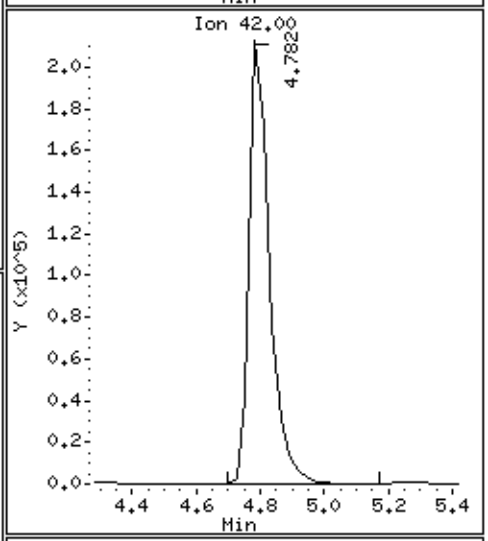


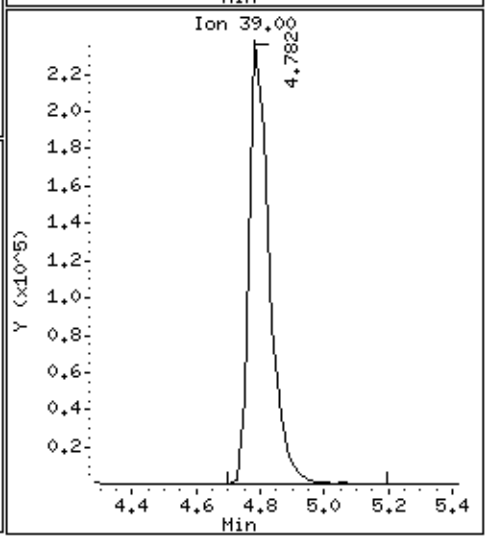












Data File: /chem/msd1.i/1-09mar.b/1030903.d

Date : 09-MAR-2007 09:59

Client ID: LCS-1

Instrument: msd1.i

Sample Info: 50mL #1408-386

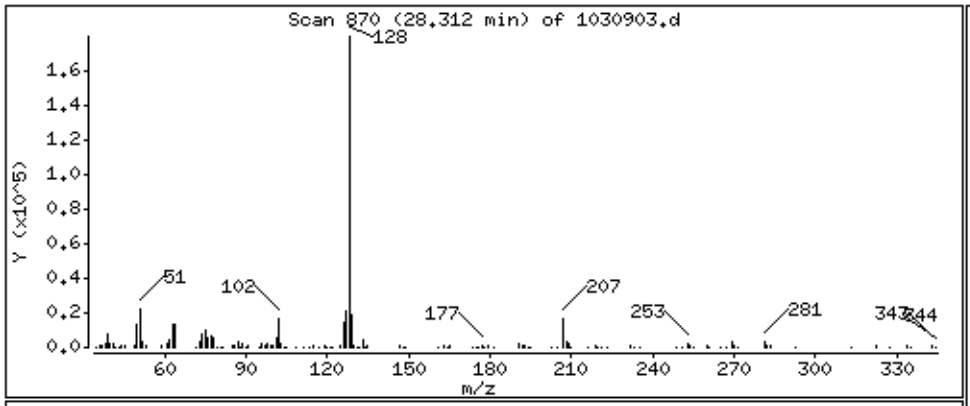
Operator: sjr

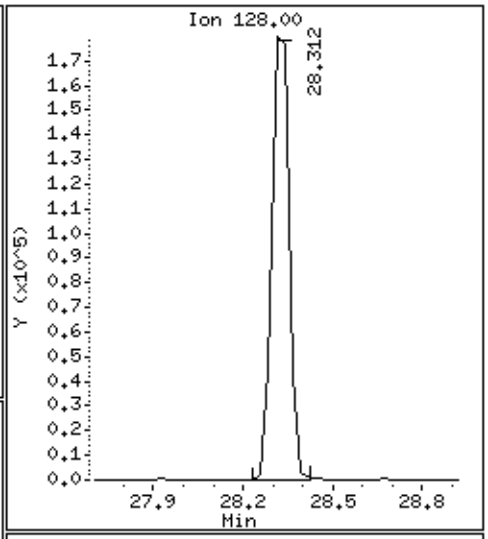
Column phase: RTx-624

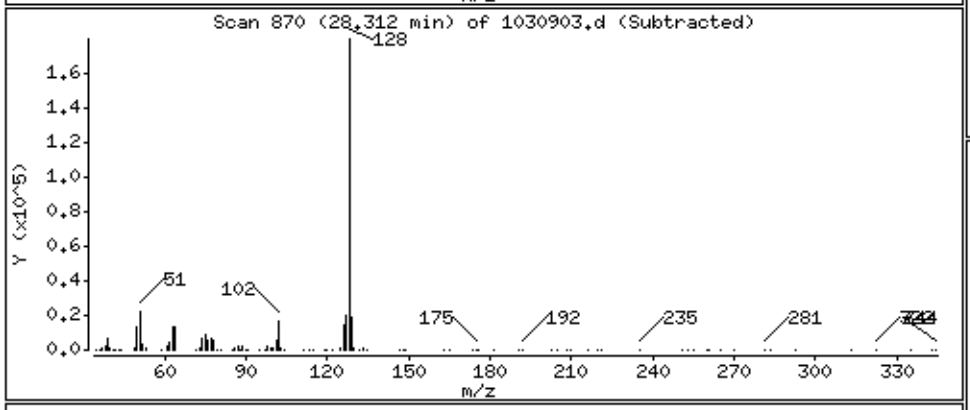
Column diameter: 0.53

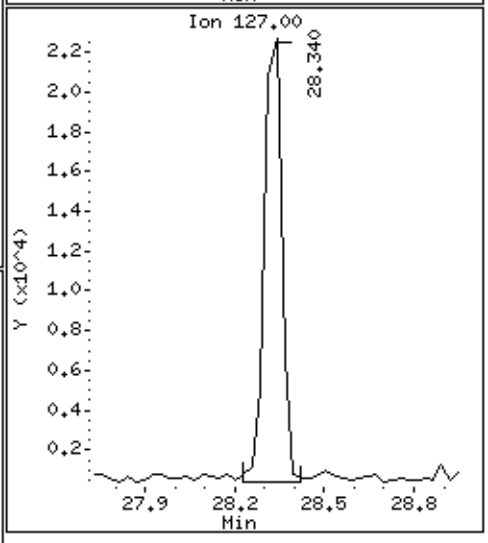
169 Naphthalene

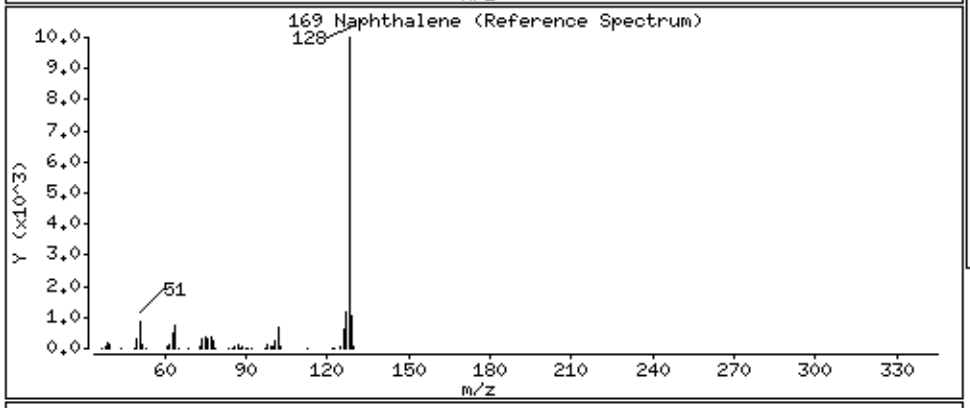
Concentration: 18.699 PPBV

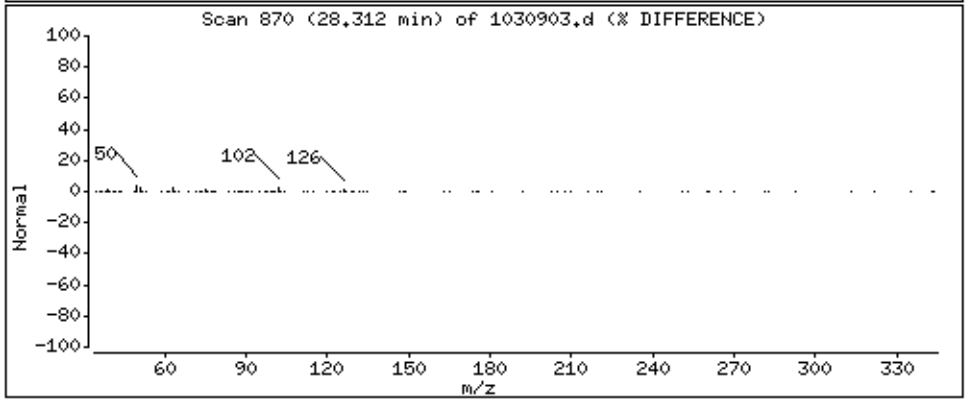












@ Air Toxics Ltd.

MSD-1

Logbook #: 1465

m/z	ION ABUNDANCE CRITERIA	% REL. ABUNDANCE
50	15.0 – 40.0% of mass 95	34.13
75	30.0 – 60.0% of mass 95	47.02
95	Base peak, 100.00% relative abundance	100
96	5.0 – 9.0% of mass 95	6.81
173	Less than 2.0% of mass 174	(0.69)[1]
174	Greater than 50.0% of mass 95	71.13
175	5.0 – 9.0% of mass 174	(6.75)[1]
176	Greater than 95.0% but less than 101.0% of mass 174	(96.22)[1]
177	5.0 – 9.0% of mass 176	(6.50)[2]

[1] - value in parenthesis is % mass 174 [2] - value in parenthesis is % mass 176

BFB Injection Date: 3/9/07
BFB Injection Time: 0825
BFB File ID: 1030901
Tekmar Purge Flow: 11.3 mL/min
Vacuum: 43e-5

IS/S Std.#: 1487-24	Exp. Date: 4/5/07
BCM	253228
1,4-DFB	1013989
CB-d5	901482

Verified CCV IS vs ICAL mid-point (- 40%D) Initials

Verify 176/174 m/z Ratio: 730786/759504 x100 = 96.22

NOAH Cart #: NA **File #:** NA

Calculation Check:

ppbv of compound $= \frac{Area_{Sample}}{Area_{IS}} \times \frac{Conc._{IS}}{RRF} = \frac{(508246)}{(253228)} \times \frac{(25)}{(1.75273)} = 28.628$

File ID:	1030902
Compound:	1,2-DCA-d4
Initials:	

Reported Result 28.628

	Use	File #	Sample / Client Name	Can #	Pressure	Amt Loaded	DF	Loader Init.	Date Analyzed	Time Analyzed	Review Init.	Comments
1	✓	1030901	BFB Tune Check 843-2910	50ng		2µL	1.00		3/9/07	0825		
2	✓	02	CCV-1 (100ppbv)	1408-364A	50ppbv	100mL				0922		
3	✓	03	LCS-1 (200ppbv)	1408-386		50mL				0959		
4	✓	04	TVH Std (200ppbv)	1408-378	100ppbv	100mL				1052		BPC10
5	✓	05	Lab blank	12941	Humid	200mL				1206		
6	✓	06	0702594-01A	4144	0.2psi→5psi		1.32			1324		
7	✓	07	[illegible] -02A	12015	0.0"Hg→5psi		1.34			1432		
8	J	08	0702096A-04A	2123	3.5"Hg→15psi	4mL	1.15			1523		
9	J	09	0702096A-05A	34479	4.5"Hg→5psi	200mL	1.58			1602		

Signature

3-9-07
Date

0281

Air Toxics Ltd.

Data file : /var/chem/msd1.i/1-26jana.b/1012607.d
Lab Smp Id: Client Smp ID: BFB
Inj Date : 26-JAN-2007 17:06
Operator : srs Inst ID: msd1.i
Smp Info : 2.0uL #843-2786; BFB; BFB
Misc Info : 50nG
Comment :
Method : /var/chem/msd1.i/1-26jana.b/bfb105.m
Meth Date : 26-Jan-2007 17:00 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: eeyore

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
Vi	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
8.236	8.228	0.008	95	1590448			100.00- 100.00	100.00
8.236	8.228	0.008	50	482212			15.00- 40.00	30.32
8.236	8.228	0.008	75	705941			30.00- 60.00	44.39
8.236	8.228	0.008	96	105535			5.00- 9.00	6.64
8.236	8.228	0.008	173	7308			0.00- 2.00	0.65
8.236	8.228	0.008	174	1127829			50.00- 100.00	70.91
8.236	8.228	0.008	175	75761			5.00- 9.00	6.72
8.236	8.228	0.008	176	1076906			95.00- 101.00	95.48
8.236	8.228	0.008	177	67902			5.00- 9.00	6.31

Data File: /chem/msd1.i/1-26jana.b/1012607.d

Date : 26-JAN-2007 17:06

Client ID: BFB

Instrument: msd1.i

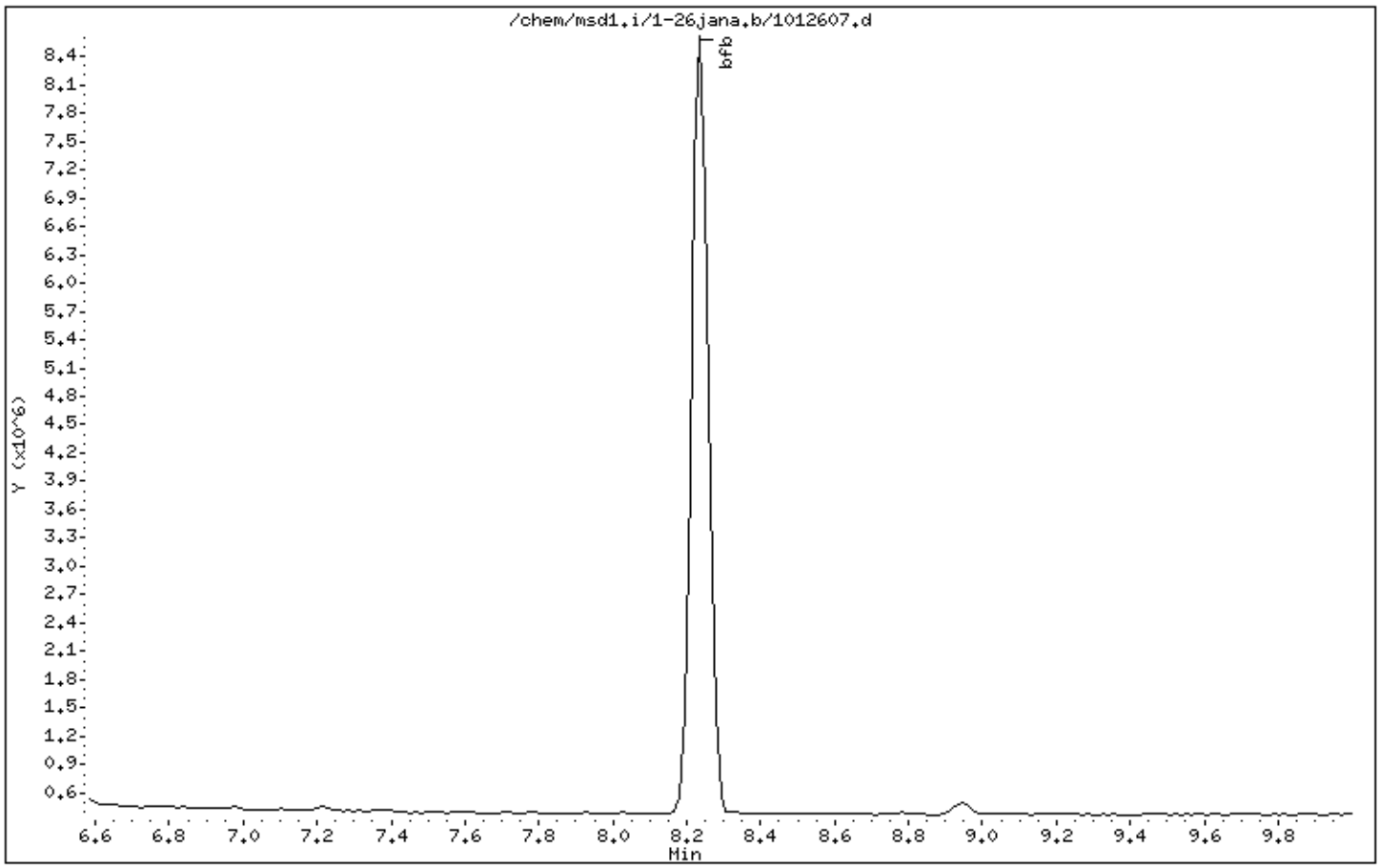
Sample Info: 2.0uL #843-2786; BFB; BFB

Volume Injected (uL): 1.0

Operator: srs

Column phase:

Column diameter: 2.00



Data File: /chem/msd1.i/1-26jana.b/1012607.d

Date : 26-JAN-2007 17:06

Client ID: BFB

Instrument: msd1.i

Sample Info: 2.0uL #843-2786; BFB; BFB

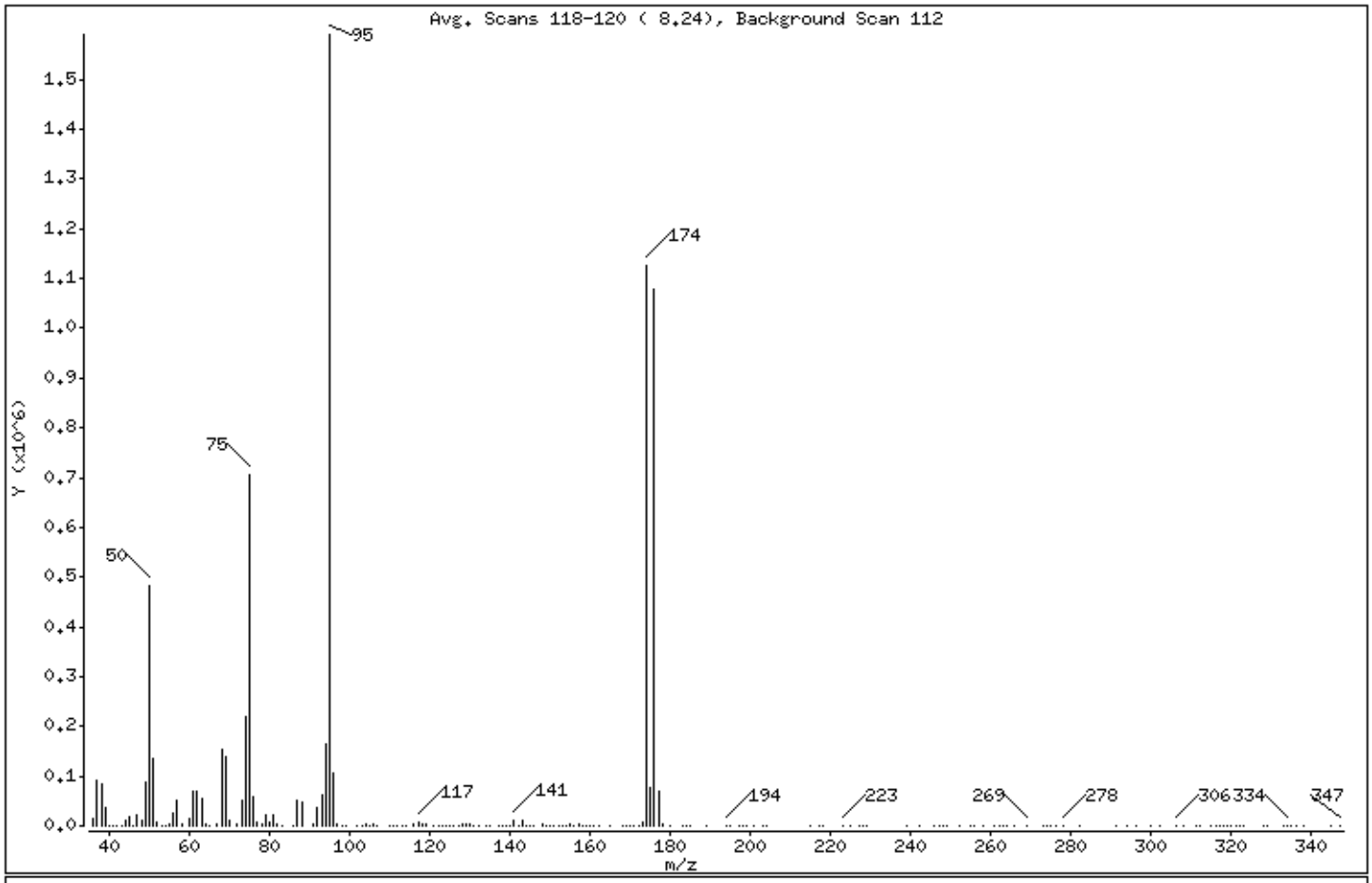
Volume Injected (uL): 1.0

Operator: srs

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	30.32
75	30.00 - 60.00% of mass 95	44.39
96	5.00 - 9.00% of mass 95	6.64
173	Less than 2.00% of mass 174	0.46 (0.65)
174	50.00 - 100.00% of mass 95	70.91
175	5.00 - 9.00% of mass 174	4.76 (6.72)
176	95.00 - 101.00% of mass 174	67.71 (95.48)
177	5.00 - 9.00% of mass 176	4.27 (6.31)

Date : 26-JAN-2007 17:06

Client ID: BFB Instrument: msd1.i

Sample Info: 2.0uL #843-2786; BFB; BFB

Volume Injected (uL): 1.0 Operator: srs

Column phase: Column diameter: 2.00

Data File: 1012607.d
Spectrum: Avg. Scans 118-120 (8.24), Background Scan 112
Location of Maximum: 95.00
Number of points: 193

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	15839	92.00	35624	150.00	1025	247.00	115
37.00	92616	93.00	63136	151.00	324	248.00	43
38.00	85136	94.00	164800	152.00	783	249.00	183
39.00	36768	95.00	1590272	153.00	870	252.00	229
40.00	977	96.00	105528	154.00	811	255.00	254
41.00	506	97.00	2343	155.00	3286	256.00	59
42.00	393	98.00	55	156.00	66	258.00	149
43.00	982	99.00	53	157.00	2198	261.00	131
44.00	10331	102.00	429	158.00	274	262.00	37
45.00	19360	103.00	437	159.00	1374	263.00	342
46.00	791	104.00	3821	160.00	37	264.00	50
47.00	22232	105.00	1569	161.00	1183	266.00	271
48.00	10902	106.00	3887	162.00	444	269.00	1327
49.00	87896	107.00	951	165.00	434	273.00	245
50.00	482176	110.00	144	168.00	413	274.00	170
51.00	134528	111.00	480	169.00	542	275.00	58
52.00	5962	112.00	218	170.00	128	276.00	51
53.00	382	113.00	981	171.00	930	278.00	252
54.00	303	114.00	131	172.00	1064	282.00	196
55.00	4184	116.00	3426	173.00	7308	291.00	185
56.00	24776	117.00	6445	174.00	1127424	294.00	27
57.00	51352	118.00	3123	175.00	75760	296.00	124
58.00	2075	119.00	5290	176.00	1076736	300.00	51
60.00	14197	121.00	103	177.00	67896	302.00	52
61.00	67824	122.00	57	178.00	2491	306.00	172
62.00	70464	123.00	534	180.00	133	308.00	66
63.00	54600	124.00	769	183.00	263	311.00	3
64.00	4569	125.00	239	184.00	70	312.00	137
65.00	167	126.00	197	185.00	57	315.00	172
67.00	3566	127.00	344	189.00	204	316.00	67
68.00	154688	128.00	4702	194.00	222	317.00	74
69.00	139008	129.00	2374	195.00	43	318.00	52
70.00	9610	130.00	4547	197.00	156	319.00	86
72.00	5084	131.00	1283	198.00	35	320.00	57
73.00	51168	132.00	115	199.00	74	321.00	51

Date : 26-JAN-2007 17:06

Client ID: BFB Instrument: msd1.i

Sample Info: 2.0uL #843-2786; BFB; BFB

Volume Injected (uL): 1.0 Operator: srs

Column phase: Column diameter: 2.00

Data File: 1012607.d
Spectrum: Avg. Scans 118-120 (8.24), Background Scan 112
Location of Maximum: 95.00
Number of points: 193

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	217728	134.00	766	201.00	212	322.00	40
75.00	705920	135.00	1368	203.00	38	323.00	192
76.00	58248	137.00	1590	204.00	129	328.00	46
77.00	5908	138.00	58	215.00	80	329.00	230
78.00	4311	139.00	344	217.00	61	333.00	222
79.00	22008	140.00	1153	218.00	372	334.00	371
80.00	8198	141.00	10649	223.00	431	335.00	277
81.00	23760	142.00	1597	225.00	91	336.00	34
82.00	5296	143.00	10203	227.00	56	338.00	126
83.00	332	144.00	613	228.00	96	345.00	56
86.00	1047	145.00	136	229.00	50	347.00	166
87.00	52984	146.00	1780	239.00	329		
88.00	49264	148.00	2604	242.00	215		
91.00	2984	149.00	1319	246.00	77		

Air Toxics Ltd.

Data file : /var/chem/msd1.i/1-31jan.b/1013101.d
Lab Smp Id: Client Smp ID: BFB
Inj Date : 31-JAN-2007 09:35
Operator : dm Inst ID: msd1.i
Smp Info : 2.0uL#843-2785;bfb tune check;bfb tune check
Misc Info : 50ng
Comment :
Method : /var/chem/msd1.i/1-31jan.b/bfb105.m
Meth Date : 31-Jan-2007 09:29 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: eeyore

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
Vi	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb							CAS #: 460-00-4	
8.166	8.228	-0.062	95	1577442			100.00- 100.00	100.00
8.166	8.228	-0.062	50	512177			15.00- 40.00	32.47
8.166	8.228	-0.062	75	709978			30.00- 60.00	45.01
8.166	8.228	-0.062	96	101020			5.00- 9.00	6.40
8.166	8.228	-0.062	173	6439			0.00- 2.00	0.59
8.166	8.228	-0.062	174	1093909			50.00- 100.00	69.35
8.166	8.228	-0.062	175	77428			5.00- 9.00	7.08
8.166	8.228	-0.062	176	1047741			95.00- 101.00	95.78
8.166	8.228	-0.062	177	68373			5.00- 9.00	6.53

Data File: /var/chem/msd1.i/1-31jan.b/1013101.d

Date : 31-JAN-2007 09:35

Client ID: BFB

Instrument: msd1.i

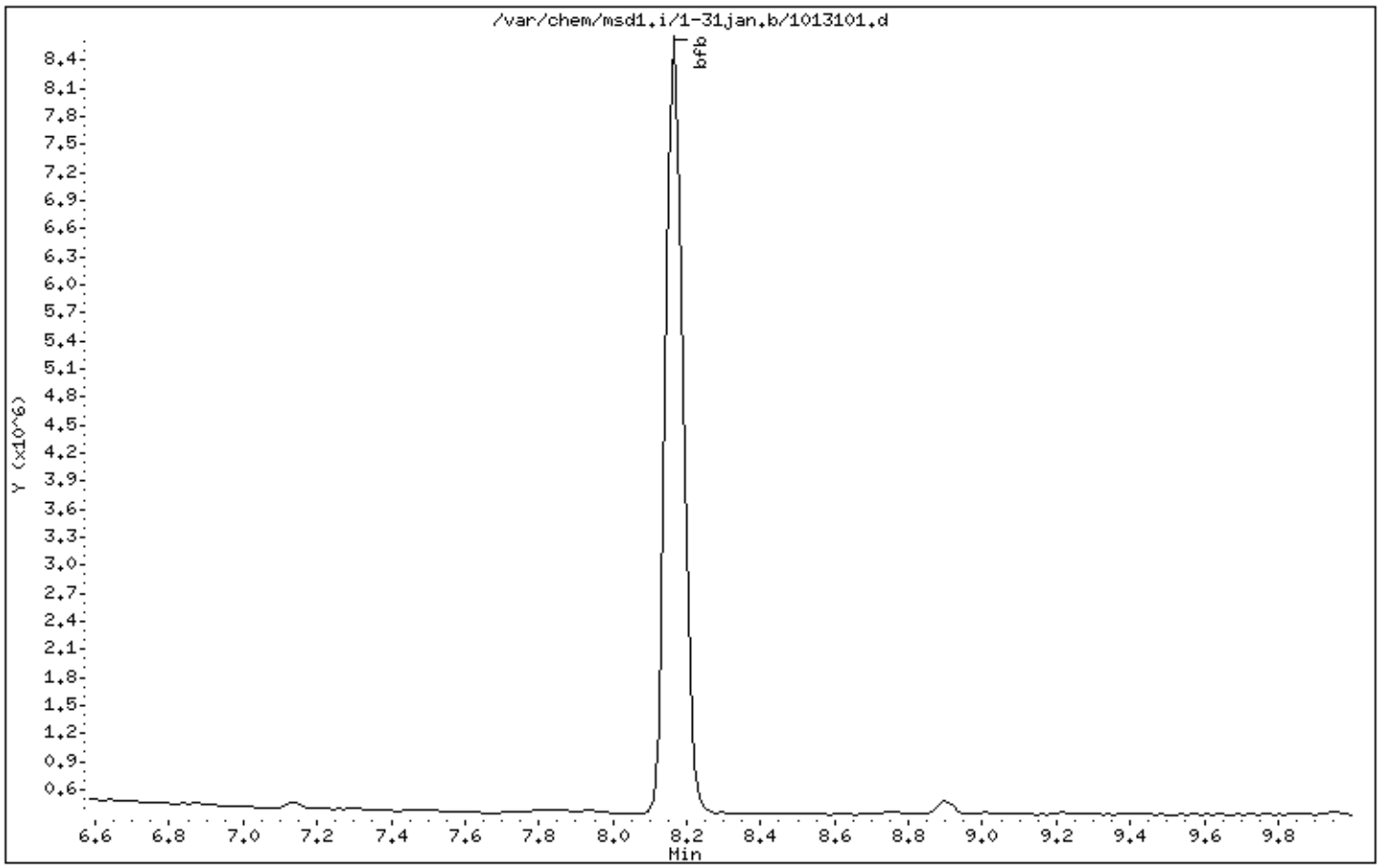
Sample Info: 2.0uL#843-2785;bfb tune check;bfb tune check

Volume Injected (uL): 1.0

Operator: dm

Column phase:

Column diameter: 2.00



Data File: /var/chem/msd1.i/1-31jan.b/1013101.d

Date : 31-JAN-2007 09:35

Client ID: BFB

Instrument: msd1.i

Sample Info: 2.0uL#843-2785;bfb tune check;bfb tune check

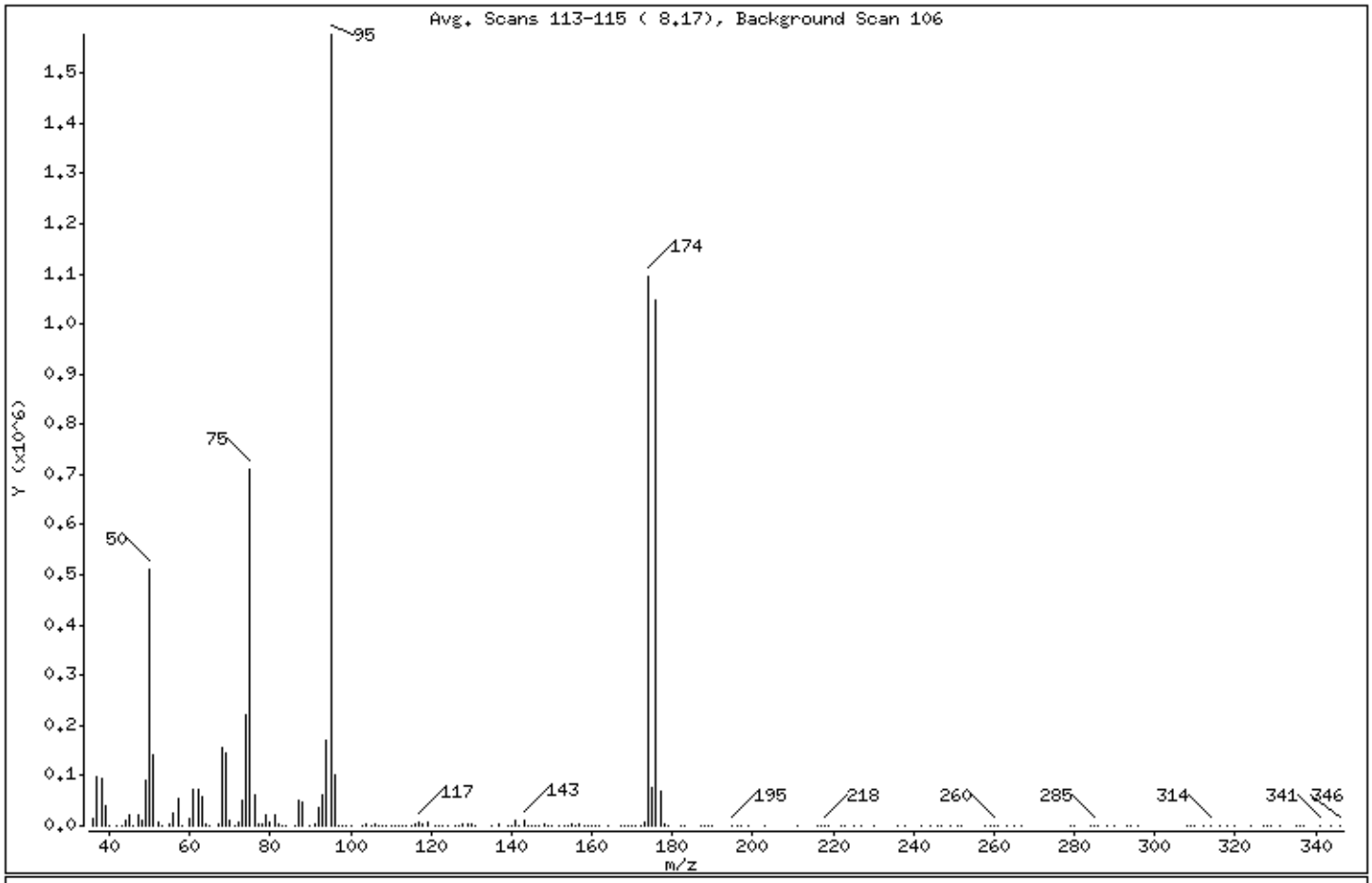
Volume Injected (uL): 1.0

Operator: dm

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	32.47
75	30.00 - 60.00% of mass 95	45.01
96	5.00 - 9.00% of mass 95	6.40
173	Less than 2.00% of mass 174	0.41 (0.59)
174	50.00 - 100.00% of mass 95	69.35
175	5.00 - 9.00% of mass 174	4.91 (7.08)
176	95.00 - 101.00% of mass 174	66.42 (95.78)
177	5.00 - 9.00% of mass 176	4.33 (6.53)

Date : 31-JAN-2007 09:35

Client ID: BFB Instrument: msd1.i

Sample Info: 2.0uL#843-2785;bfb tune check;bfb tune check

Volume Injected (uL): 1.0 Operator: dm

Column phase: Column diameter: 2.00

Data File: 1013101.d
Spectrum: Avg. Scans 113-115 (8.17), Background Scan 106
Location of Maximum: 95.00
Number of points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	15999	90.00	178	147.00	895	227.00	54
37.00	97976	91.00	2194	148.00	2869	230.00	190
38.00	93480	92.00	37088	149.00	430	236.00	154
39.00	38616	93.00	63304	150.00	1321	238.00	91
40.00	1369	94.00	168832	152.00	593	242.00	127
42.00	387	95.00	1576960	153.00	887	244.00	189
43.00	874	96.00	101016	154.00	698	246.00	57
44.00	9759	97.00	1083	155.00	3135	247.00	104
45.00	20888	98.00	300	156.00	179	249.00	219
46.00	1072	99.00	228	157.00	2357	251.00	162
47.00	22664	100.00	104	158.00	172	252.00	361
48.00	10761	103.00	3	159.00	1113	258.00	184
49.00	89232	104.00	3589	160.00	448	259.00	57
50.00	512128	105.00	1570	161.00	601	260.00	582
51.00	142016	106.00	4189	162.00	190	261.00	27
52.00	5514	107.00	1546	164.00	243	263.00	308
53.00	2	108.00	106	167.00	239	265.00	112
55.00	3850	109.00	98	168.00	497	267.00	36
56.00	27152	110.00	421	169.00	484	279.00	101
57.00	54752	111.00	842	170.00	995	280.00	108
58.00	1648	112.00	326	171.00	1271	284.00	17
60.00	13081	113.00	386	172.00	1448	285.00	257
61.00	71624	114.00	55	173.00	6439	286.00	149
62.00	72232	115.00	874	174.00	1093632	288.00	53
63.00	56704	116.00	3329	175.00	77424	290.00	1
64.00	5168	117.00	6130	176.00	1047680	293.00	65
65.00	81	118.00	3607	177.00	68368	294.00	15
67.00	2874	119.00	5838	178.00	1983	296.00	138
68.00	155008	121.00	71	179.00	219	308.00	161
69.00	143296	122.00	303	182.00	103	309.00	77
70.00	10004	123.00	244	183.00	296	310.00	64
71.00	214	124.00	850	187.00	133	312.00	111
72.00	5607	126.00	527	188.00	16	314.00	223
73.00	52248	127.00	533	189.00	115	316.00	70
74.00	221056	128.00	3676	190.00	318	318.00	133

Date : 31-JAN-2007 09:35

Client ID: BFB Instrument: msd1.i

Sample Info: 2.0uL#843-2785;bfb tune check;bfb tune check

Volume Injected (uL): 1.0 Operator: dm

Column phase: Column diameter: 2.00

Data File: 1013101.d
Spectrum: Avg. Scans 113-115 (8.17), Background Scan 106
Location of Maximum: 95.00
Number of points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	709952	129.00	1948	195.00	597	320.00	85
76.00	62672	130.00	4382	196.00	183	324.00	233
77.00	5311	131.00	1636	197.00	308	327.00	3
78.00	3571	135.00	1366	199.00	124	328.00	120
79.00	23464	137.00	2119	203.00	3	329.00	128
80.00	7353	139.00	74	211.00	171	331.00	114
81.00	23520	140.00	947	216.00	74	335.00	281
82.00	4904	141.00	11731	217.00	150	336.00	71
83.00	358	142.00	1332	218.00	607	337.00	219
84.00	146	143.00	11946	219.00	59	341.00	361
86.00	991	144.00	370	222.00	92	344.00	321
87.00	52040	145.00	639	223.00	36	346.00	169
88.00	48400	146.00	1440	225.00	143		

Air Toxics Ltd.

Data file : /var/chem/msd1.i/1-21feb.b/1022101.d
Lab Smp Id: Client Smp ID: BFB
Inj Date : 21-FEB-2007 09:28
Operator : dm Inst ID: msd1.i
Smp Info : 2.0uL#843-2910;bfb tune check;bfb tune check
Misc Info : 50ng
Comment :
Method : /var/chem/msd1.i/1-21feb.b/bfb105.m
Meth Date : 21-Feb-2007 09:22 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: eeyore

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
Vi	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
8.152	8.228	-0.076	95	1054314			100.00- 100.00	100.00
8.152	8.228	-0.076	50	383668			15.00- 40.00	36.39
8.152	8.228	-0.076	75	509846			30.00- 60.00	48.36
8.152	8.228	-0.076	96	69420			5.00- 9.00	6.58
8.152	8.228	-0.076	173	4541			0.00- 2.00	0.64
8.152	8.228	-0.076	174	708642			50.00- 100.00	67.21
8.152	8.228	-0.076	175	48633			5.00- 9.00	6.86
8.152	8.228	-0.076	176	679838			95.00- 101.00	95.94
8.152	8.228	-0.076	177	42612			5.00- 9.00	6.27

Data File: /chem/msd1.i/1-21feb.b/1022101.d

Date : 21-FEB-2007 09:28

Client ID: BFB

Instrument: msd1.i

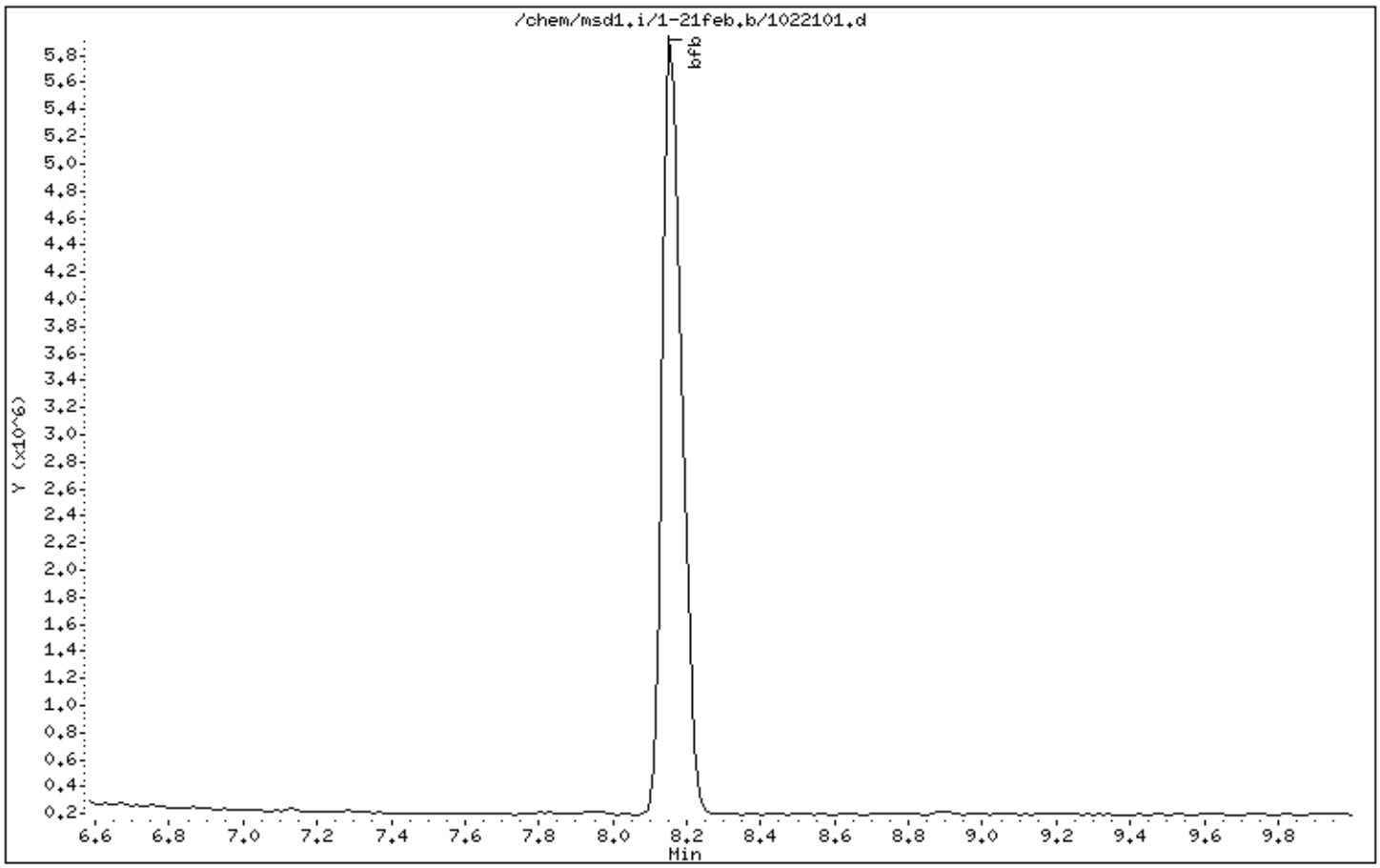
Sample Info: 2.0uL#843-2910;bfb tune check;bfb tune check

Volume Injected (uL): 1.0

Operator: dm

Column phase:

Column diameter: 2.00



Data File: /chem/msd1.i/1-21feb.b/1022101.d

Date : 21-FEB-2007 09:28

Client ID: BFB

Instrument: msd1.i

Sample Info: 2.0uL#843-2910;bfb tune check;bfb tune check

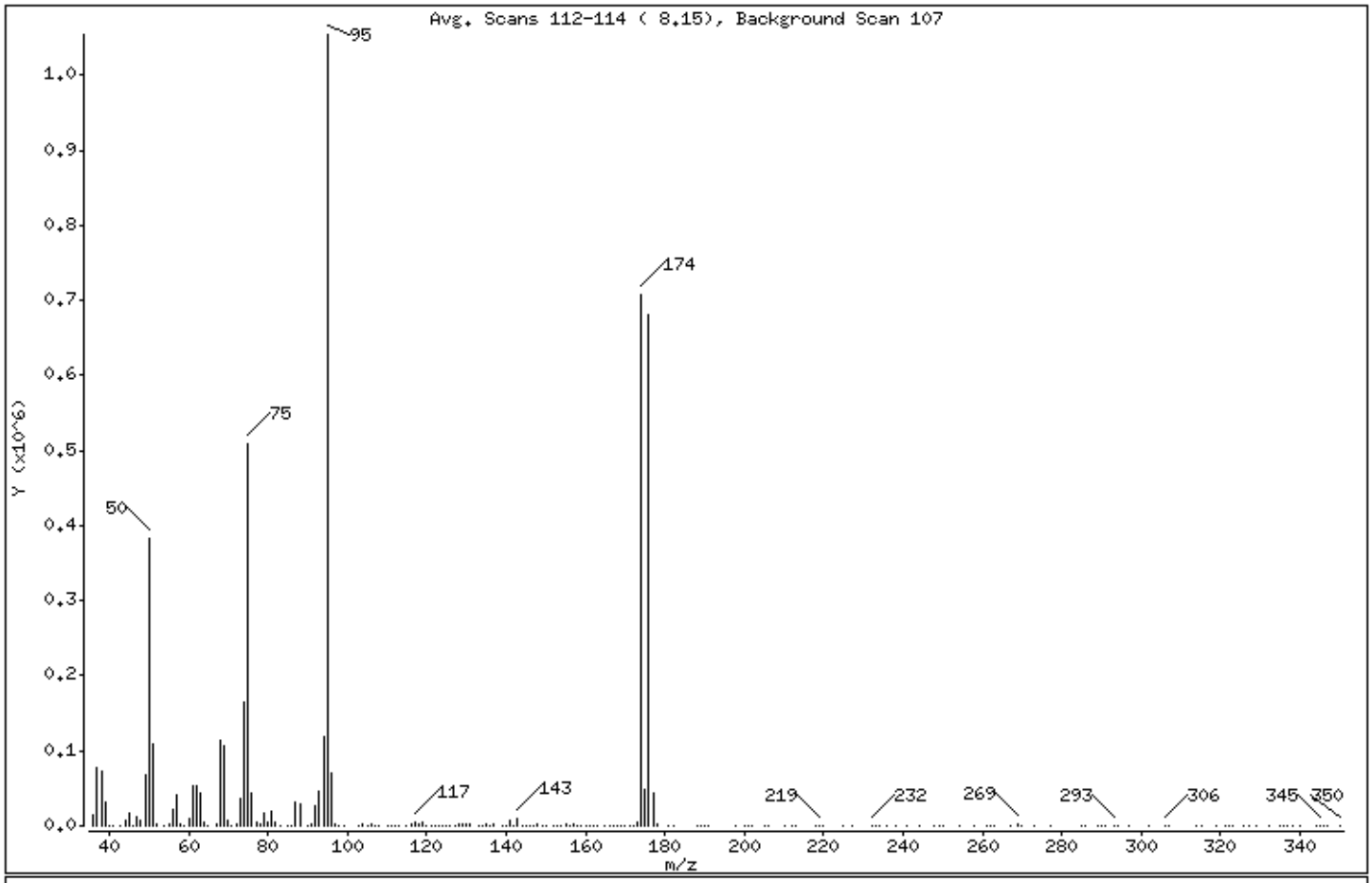
Volume Injected (uL): 1.0

Operator: dm

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	36.39
75	30.00 - 60.00% of mass 95	48.36
96	5.00 - 9.00% of mass 95	6.58
173	Less than 2.00% of mass 174	0.43 (0.64)
174	50.00 - 100.00% of mass 95	67.21
175	5.00 - 9.00% of mass 174	4.61 (6.86)
176	95.00 - 101.00% of mass 174	64.48 (95.94)
177	5.00 - 9.00% of mass 176	4.04 (6.27)

Date : 21-FEB-2007 09:28

Client ID: BFB Instrument: msd1.i

Sample Info: 2.0uL#843-2910;bfb tune check;bfb tune check

Volume Injected (uL): 1.0 Operator: dm

Column phase: Column diameter: 2.00

Data File: 1022101.d
Spectrum: Avg. Scans 112-114 (8.15), Background Scan 107
Location of Maximum: 95.00
Number of points: 200

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	14004	92.00	27504	150.00	702	238.00	120
37.00	77224	93.00	46616	152.00	488	241.00	56
38.00	73368	94.00	119808	153.00	507	244.00	51
39.00	31400	95.00	1054208	154.00	738	248.00	153
40.00	510	96.00	69416	155.00	1962	249.00	258
41.00	94	97.00	2131	156.00	393	250.00	5
43.00	519	98.00	322	157.00	1514	254.00	370
44.00	8472	99.00	58	158.00	145	258.00	72
45.00	16480	103.00	122	159.00	1164	261.00	339
46.00	1130	104.00	3124	160.00	64	262.00	261
47.00	12775	105.00	957	161.00	608	263.00	12
48.00	8263	106.00	3159	162.00	175	267.00	221
49.00	68760	107.00	977	163.00	387	269.00	1599
50.00	383616	108.00	163	165.00	113	270.00	349
51.00	107896	110.00	515	166.00	111	273.00	105
52.00	3575	111.00	690	167.00	327	277.00	117
54.00	1	112.00	460	168.00	323	285.00	101
55.00	3341	113.00	524	169.00	486	286.00	67
56.00	20840	115.00	1091	170.00	610	289.00	70
57.00	40952	116.00	1952	171.00	593	290.00	54
58.00	1373	117.00	5013	172.00	901	291.00	157
59.00	515	118.00	2642	173.00	4541	293.00	267
60.00	9516	119.00	3943	174.00	708608	294.00	256
61.00	53640	120.00	26	175.00	48632	297.00	52
62.00	53688	121.00	144	176.00	679808	302.00	50
63.00	42528	122.00	13	177.00	42608	306.00	191
64.00	3795	123.00	390	178.00	1411	307.00	133
65.00	98	124.00	397	181.00	95	314.00	57
67.00	2490	125.00	91	182.00	90	315.00	146
68.00	114928	126.00	231	188.00	174	319.00	54
69.00	105880	127.00	378	189.00	26	321.00	61
70.00	7522	128.00	3603	190.00	163	322.00	137
71.00	146	129.00	1577	191.00	742	323.00	50
72.00	3627	130.00	2823	198.00	74	326.00	246
73.00	36816	131.00	1229	200.00	52	327.00	282

Date : 21-FEB-2007 09:28

Client ID: BFB Instrument: msd1.i

Sample Info: 2.0uL#843-2910;bfb tune check;bfb tune check

Volume Injected (uL): 1.0 Operator: dm

Column phase: Column diameter: 2.00

Data File: 1022101.d
Spectrum: Avg. Scans 112-114 (8.15), Background Scan 107
Location of Maximum: 95.00
Number of points: 200

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	164608	133.00	52	201.00	51	329.00	96
75.00	509824	134.00	46	202.00	64	332.00	65
76.00	43328	135.00	1440	205.00	86	335.00	83
77.00	4049	136.00	224	206.00	193	336.00	252
78.00	2292	137.00	1563	210.00	279	337.00	168
79.00	17696	139.00	222	212.00	86	338.00	198
80.00	5973	140.00	397	213.00	107	340.00	75
81.00	18416	141.00	8434	218.00	308	344.00	148
82.00	4464	142.00	1119	219.00	395	345.00	288
83.00	405	143.00	9084	220.00	253	346.00	53
85.00	112	144.00	704	225.00	63	347.00	71
86.00	460	145.00	272	227.00	59	350.00	56
87.00	32368	146.00	991	232.00	439		
88.00	30168	147.00	592	233.00	282		
90.00	263	148.00	2251	234.00	4		
91.00	2889	149.00	117	236.00	51		

Air Toxics Ltd.

Data file : /var/chem/msd1.i/1-08mar.b/1030801.d
Lab Smp Id: Client Smp ID: BFB
Inj Date : 08-MAR-2007 08:34
Operator : sjr Inst ID: msd1.i
Smp Info : 2uL #843-2910;BFB Tune check;BFB Tune check
Misc Info : 50ng
Comment :
Method : /var/chem/msd1.i/1-08mar.b/bfb105.m
Meth Date : 08-Mar-2007 08:27 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: eeyore

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
Vi	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
8.236	8.228	0.008	95	1021342			100.00- 100.00	100.00
8.236	8.228	0.008	50	364239			15.00- 40.00	35.66
8.236	8.228	0.008	75	494131			30.00- 60.00	48.38
8.236	8.228	0.008	96	68685			5.00- 9.00	6.72
8.236	8.228	0.008	173	4766			0.00- 2.00	0.72
8.236	8.228	0.008	174	665365			50.00- 100.00	65.15
8.236	8.228	0.008	175	44809			5.00- 9.00	6.73
8.236	8.228	0.008	176	647805			95.00- 101.00	97.36
8.236	8.228	0.008	177	41676			5.00- 9.00	6.43

Data File: /chem/msd1.i/1-08mar.b/1030801.d

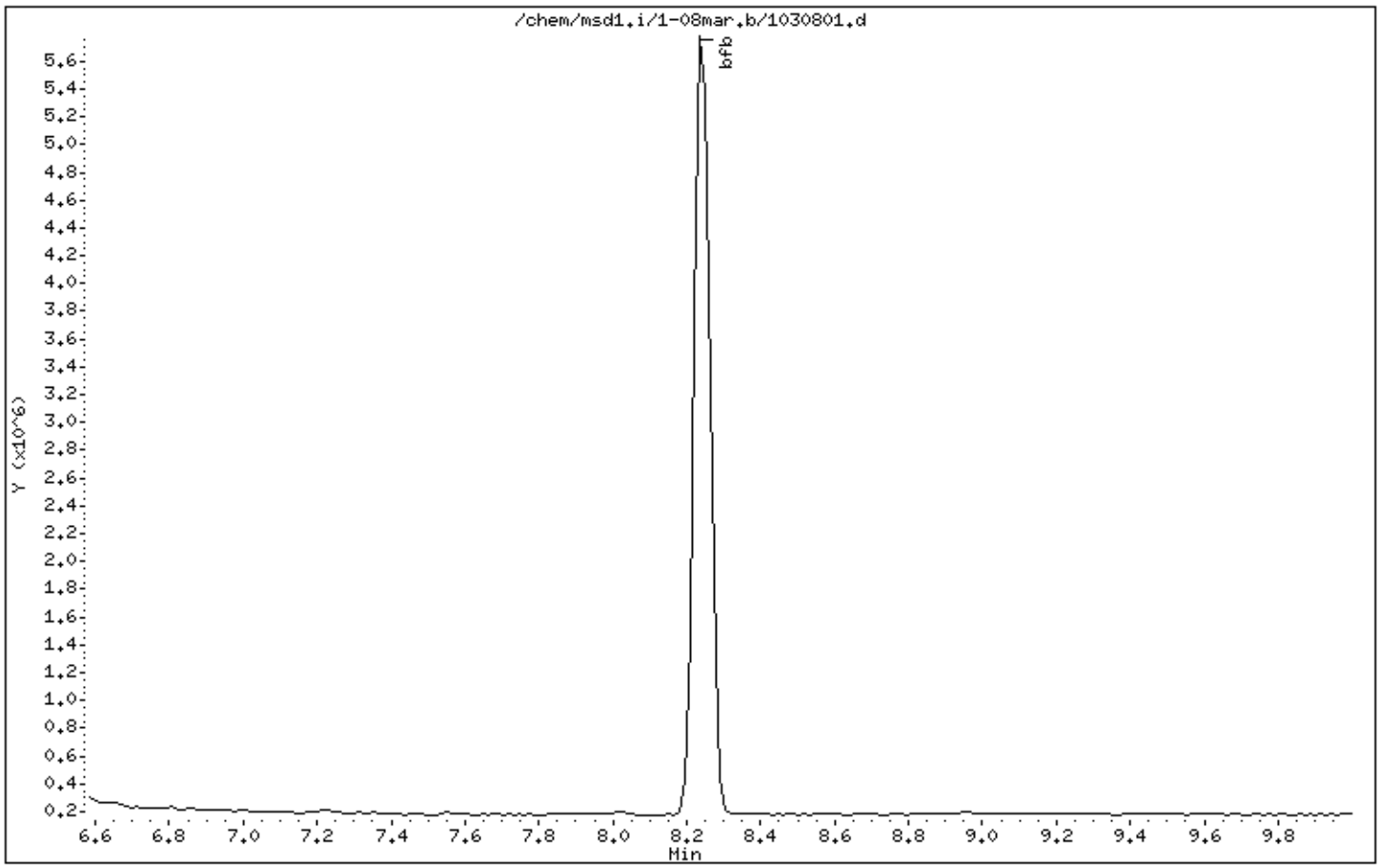
Date : 08-MAR-2007 08:34

Client ID: BFB Instrument: msd1.i

Sample Info: 2uL #843-2910;BFB Tune check;BFB Tune check

Volume Injected (uL): 1.0 Operator: sjr

Column phase: Column diameter: 2.00



Data File: /chem/msd1.i/1-08mar.b/1030801.d

Date : 08-MAR-2007 08:34

Client ID: BFB

Instrument: msd1.i

Sample Info: 2uL #843-2910;BFB Tune check;BFB Tune check

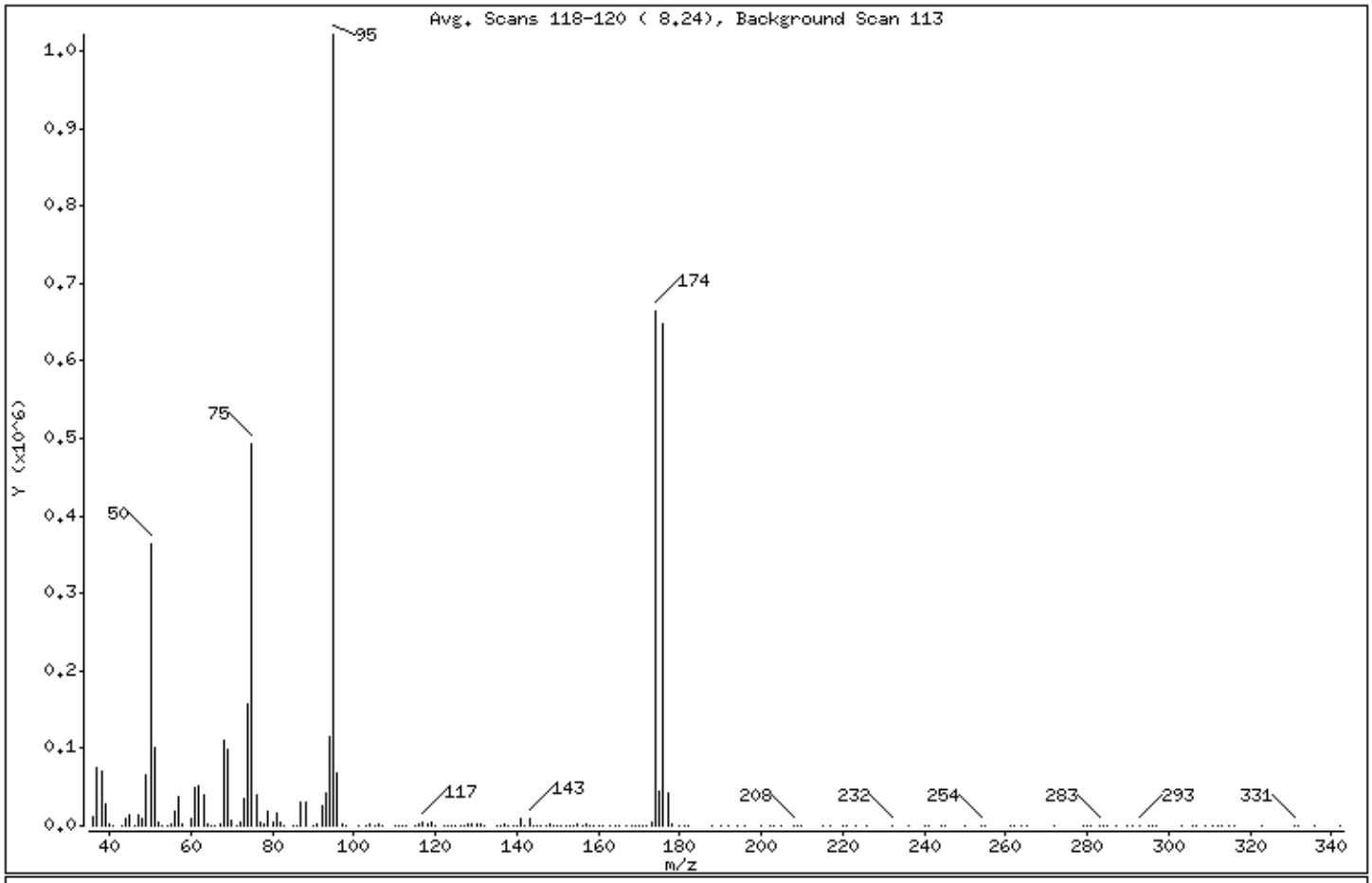
Volume Injected (uL): 1.0

Operator: sjr

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	35.66
75	30.00 - 60.00% of mass 95	48.38
96	5.00 - 9.00% of mass 95	6.72
173	Less than 2.00% of mass 174	0.47 (0.72)
174	50.00 - 100.00% of mass 95	65.15
175	5.00 - 9.00% of mass 174	4.39 (6.73)
176	95.00 - 101.00% of mass 174	63.43 (97.36)
177	5.00 - 9.00% of mass 176	4.08 (6.43)

Date : 08-MAR-2007 08:34

Client ID: BFB Instrument: msd1.i

Sample Info: 2uL #843-2910;BFB Tune check;BFB Tune check

Volume Injected (uL): 1.0 Operator: sjr

Column phase: Column diameter: 2.00

Data File: 1030801.d
Spectrum: Avg. Scans 118-120 (8.24), Background Scan 113
Location of Maximum: 95.00
Number of points: 190

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	12094	87.00	30704	145.00	601	217.00	39
37.00	74432	88.00	30088	146.00	911	220.00	258
38.00	70320	90.00	3	147.00	261	221.00	258
39.00	28864	91.00	1973	148.00	1432	223.00	168
40.00	1716	92.00	26224	149.00	505	226.00	62
41.00	425	93.00	42936	150.00	851	232.00	290
43.00	303	94.00	114520	151.00	60	236.00	60
44.00	8383	95.00	1021312	152.00	448	240.00	91
45.00	13913	96.00	68680	153.00	771	241.00	107
46.00	787	97.00	1681	154.00	330	244.00	66
47.00	13028	98.00	20	155.00	1920	245.00	100
48.00	8507	101.00	148	156.00	3	250.00	26
49.00	65344	103.00	228	157.00	1833	254.00	407
50.00	364224	104.00	3077	158.00	52	255.00	228
51.00	100376	105.00	1029	159.00	897	261.00	61
52.00	4312	106.00	3464	160.00	162	262.00	159
53.00	136	107.00	1093	161.00	835	264.00	51
54.00	147	110.00	265	163.00	40	265.00	25
55.00	3057	111.00	766	164.00	54	272.00	4
56.00	18776	112.00	503	165.00	93	279.00	69
57.00	38312	113.00	526	167.00	72	280.00	54
58.00	1322	115.00	386	168.00	221	281.00	13
60.00	10356	116.00	2204	169.00	325	283.00	305
61.00	50472	117.00	4443	170.00	445	284.00	54
62.00	51688	118.00	2537	171.00	619	285.00	4
63.00	40912	119.00	4421	172.00	765	287.00	62
64.00	3377	120.00	138	173.00	4766	290.00	56
65.00	136	122.00	419	174.00	665344	291.00	114
66.00	189	123.00	9	175.00	44808	293.00	254
67.00	2045	124.00	528	176.00	647744	295.00	202
68.00	111352	125.00	243	177.00	41672	296.00	147
69.00	99352	126.00	230	178.00	1727	297.00	69
70.00	6175	127.00	40	180.00	217	303.00	63
71.00	437	128.00	2860	181.00	42	306.00	63
72.00	3864	129.00	1579	182.00	90	307.00	226

Date : 08-MAR-2007 08:34

Client ID: BFB Instrument: msd1.i

Sample Info: 2uL #843-2910;BFB Tune check;BFB Tune check

Volume Injected (uL): 1.0 Operator: sjr

Column phase: Column diameter: 2.00

Data File: 1030801.d
Spectrum: Avg. Scans 118-120 (8.24), Background Scan 113
Location of Maximum: 95.00
Number of points: 190

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	34096	130.00	3239	188.00	53	309.00	66
74.00	156864	131.00	1344	190.00	165	311.00	77
75.00	494080	132.00	512	192.00	211	312.00	55
76.00	40032	135.00	975	194.00	238	313.00	50
77.00	4054	136.00	169	196.00	15	315.00	76
78.00	2353	137.00	1408	200.00	57	316.00	50
79.00	18072	138.00	239	202.00	54	323.00	190
80.00	5504	139.00	305	203.00	200	331.00	287
81.00	17136	140.00	658	205.00	10	332.00	51
82.00	4043	141.00	8512	208.00	775	336.00	124
83.00	148	142.00	1043	209.00	670	342.00	101
85.00	369	143.00	9135	210.00	113		
86.00	929	144.00	697	215.00	60		

Air Toxics Ltd.

Data file : /var/chem/msd1.i/1-09mar.b/1030901.d
Lab Smp Id: Client Smp ID: BFB
Inj Date : 09-MAR-2007 08:25
Operator : sjr Inst ID: msd1.i
Smp Info : 2uL #843-2910;BFB Tune check;BFB Tune check
Misc Info : 50ng
Comment :
Method : /var/chem/msd1.i/1-09mar.b/bfb105.m
Meth Date : 09-Mar-2007 08:19 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: eeyore

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
Vi	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
8.250	8.228	0.022	95	1067797			100.00- 100.00	100.00
8.250	8.228	0.022	50	364439			15.00- 40.00	34.13
8.250	8.228	0.022	75	502099			30.00- 60.00	47.02
8.250	8.228	0.022	96	72698			5.00- 9.00	6.81
8.250	8.228	0.022	173	5266			0.00- 2.00	0.69
8.250	8.228	0.022	174	759504			50.00- 100.00	71.13
8.250	8.228	0.022	175	51298			5.00- 9.00	6.75
8.250	8.228	0.022	176	730786			95.00- 101.00	96.22
8.250	8.228	0.022	177	47533			5.00- 9.00	6.50

Data File: /chem/msd1.i/1-09mar.b/1030901.d

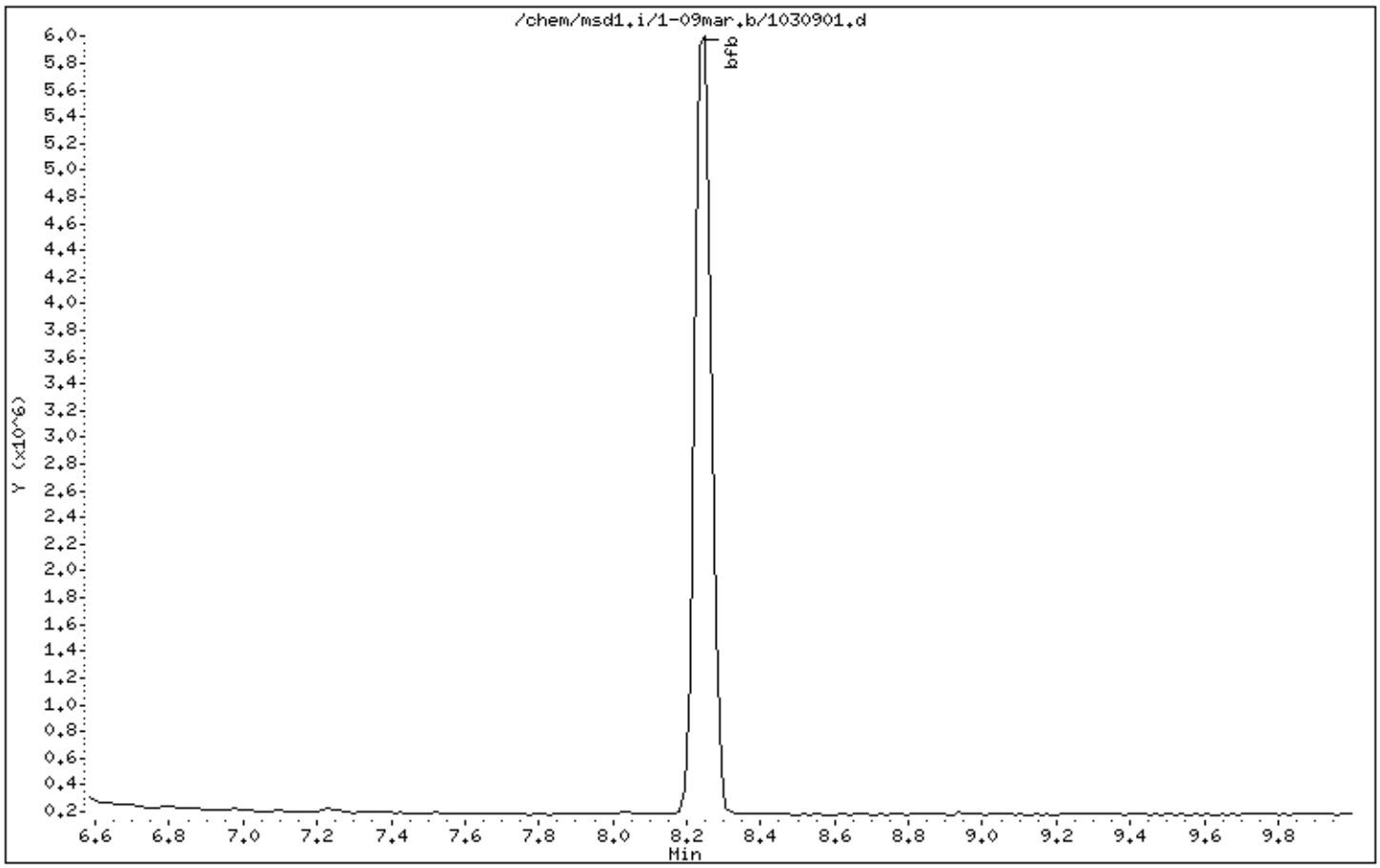
Date : 09-MAR-2007 08:25

Client ID: BFB Instrument: msd1.i

Sample Info: 2uL #843-2910;BFB Tune check;BFB Tune check

Volume Injected (uL): 1.0 Operator: sjr

Column phase: Column diameter: 2.00



Data File: /chem/msd1.i/1-09mar.b/1030901.d

Date : 09-MAR-2007 08:25

Client ID: BFB

Instrument: msd1.i

Sample Info: 2uL #843-2910;BFB Tune check;BFB Tune check

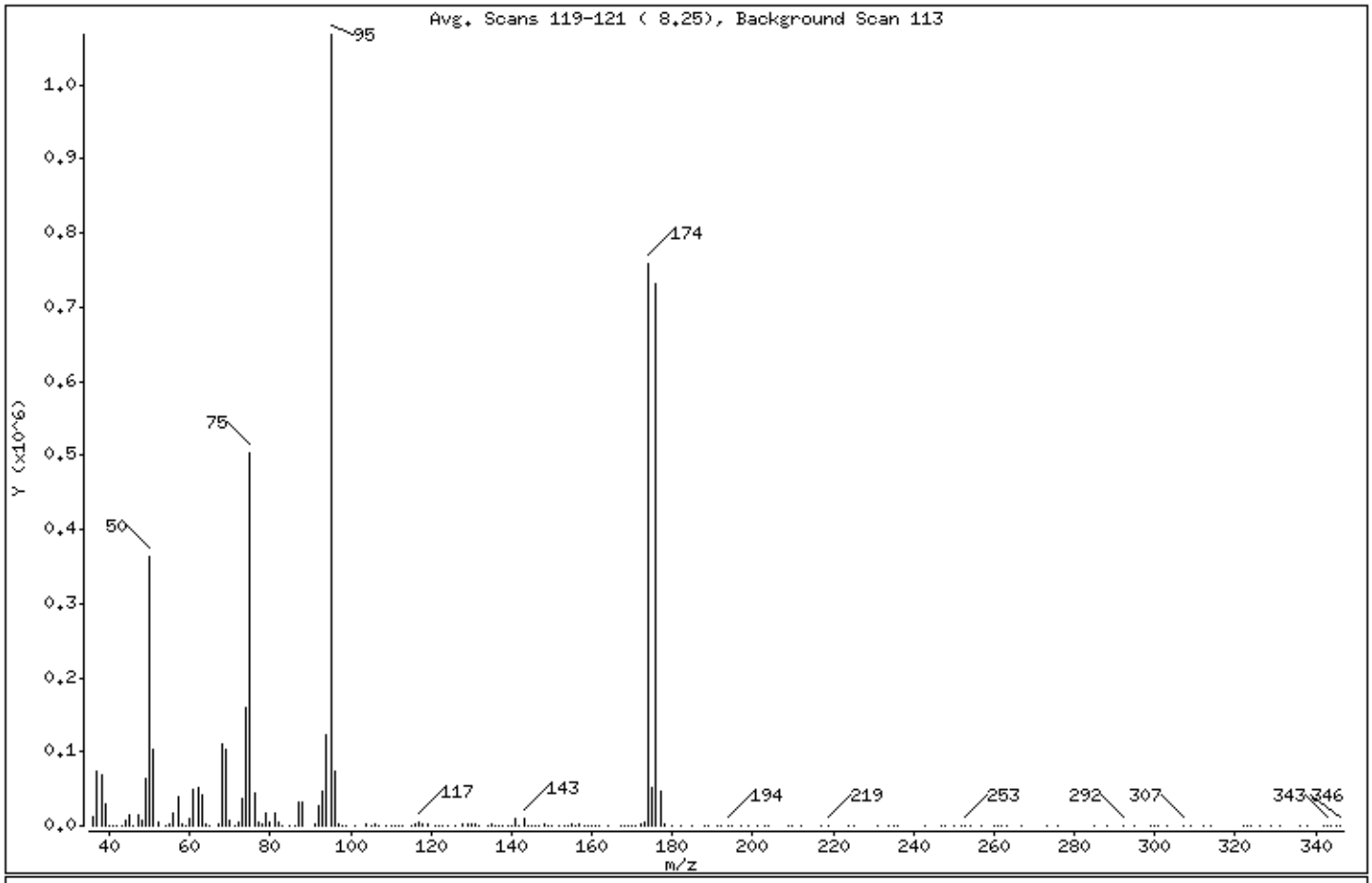
Volume Injected (uL): 1.0

Operator: sjr

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	34.13
75	30.00 - 60.00% of mass 95	47.02
96	5.00 - 9.00% of mass 95	6.81
173	Less than 2.00% of mass 174	0.49 (0.69)
174	50.00 - 100.00% of mass 95	71.13
175	5.00 - 9.00% of mass 174	4.80 (6.75)
176	95.00 - 101.00% of mass 174	68.44 (96.22)
177	5.00 - 9.00% of mass 176	4.45 (6.50)

Date : 09-MAR-2007 08:25

Client ID: BFB Instrument: msd1.i

Sample Info: 2uL #843-2910;BFB Tune check;BFB Tune check

Volume Injected (uL): 1.0 Operator: sjr

Column phase: Column diameter: 2.00

Data File: 1030901.d
Spectrum: Avg. Scans 119-121 (8.25), Background Scan 113
Location of Maximum: 95.00
Number of points: 190

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	11784	87.00	31656	146.00	1140	224.00	136
37.00	73336	88.00	32184	147.00	511	225.00	67
38.00	68304	91.00	2053	148.00	1853	231.00	52
39.00	29200	92.00	26544	149.00	387	234.00	121
40.00	1086	93.00	46880	150.00	1137	235.00	30
41.00	131	94.00	122536	152.00	515	236.00	72
42.00	75	95.00	1067520	153.00	455	243.00	57
43.00	326	96.00	72696	154.00	766	247.00	37
44.00	7986	97.00	1610	155.00	2499	248.00	71
45.00	15657	98.00	29	156.00	142	250.00	204
46.00	1135	99.00	61	157.00	1284	252.00	229
47.00	15110	101.00	105	158.00	94	253.00	498
48.00	8059	104.00	3076	159.00	825	254.00	47
49.00	64648	105.00	960	160.00	238	257.00	66
50.00	364416	106.00	3365	161.00	605	260.00	187
51.00	102120	107.00	612	162.00	10	261.00	181
52.00	3781	109.00	187	164.00	110	262.00	3
54.00	354	110.00	356	167.00	343	263.00	142
55.00	3171	111.00	668	168.00	294	267.00	82
56.00	18256	112.00	247	169.00	489	273.00	73
57.00	38832	113.00	639	170.00	786	276.00	50
58.00	1676	115.00	481	171.00	912	285.00	131
59.00	100	116.00	2622	172.00	1321	288.00	53
60.00	9123	117.00	4821	173.00	5266	292.00	147
61.00	49648	118.00	2332	174.00	759488	295.00	135
62.00	51904	119.00	3471	175.00	51296	299.00	84
63.00	41256	121.00	215	176.00	730752	300.00	52
64.00	3589	122.00	123	177.00	47528	301.00	59
65.00	436	123.00	164	178.00	1617	303.00	82
67.00	2507	124.00	507	180.00	27	307.00	164
68.00	110856	126.00	227	182.00	59	309.00	63
69.00	101984	128.00	3043	185.00	77	312.00	105
70.00	7004	129.00	1598	188.00	273	314.00	59
71.00	427	130.00	3054	189.00	52	322.00	178
72.00	3773	131.00	1484	191.00	167	323.00	100

Date : 09-MAR-2007 08:25

Client ID: BFB Instrument: msd1.i

Sample Info: 2uL #843-2910;BFB Tune check;BFB Tune check

Volume Injected (uL): 1.0 Operator: sjr

Column phase: Column diameter: 2.00

Data File: 1030901.d
Spectrum: Avg. Scans 119-121 (8.25), Background Scan 113
Location of Maximum: 95.00
Number of points: 190

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	35864	132.00	184	192.00	338	324.00	55
74.00	160128	134.00	134	194.00	358	326.00	55
75.00	502080	135.00	1923	195.00	107	329.00	127
76.00	43440	136.00	119	197.00	213	331.00	239
77.00	3877	137.00	1107	199.00	56	336.00	164
78.00	2638	138.00	194	201.00	94	338.00	51
79.00	17272	139.00	115	203.00	112	342.00	50
80.00	5904	140.00	621	204.00	267	343.00	464
81.00	17616	141.00	9020	209.00	243	344.00	356
82.00	4089	142.00	1031	210.00	348	345.00	84
83.00	441	143.00	9356	212.00	51	346.00	95
85.00	163	144.00	622	217.00	107		
86.00	1008	145.00	244	219.00	144		

Shipping/ Receiving Documents

AN ENVIRONMENTAL ANALYTICAL LABORATORY

180 Blue Ravine Road, Suite B
Folsom, CA 95630

Phone (916) 985-1000 FAX (916) 985-1020
Hours 8:00 A.M. to 6:00 P.M. Pacific

COMPANY: GEI Consultants, Inc.
ATTENTION: Mr. Brian McCarthy
FAX #: 860-368-5307
FROM: Sample Receiving
Workorder #: 0702594
# of pages (Including Cover): 1

3/16/2007

Thank you for selecting Air Toxics Ltd. We have received your samples and have found no discrepancies. In order to expedite analysis and reporting, please review the attached information for accuracy. Corrections can be faxed to **Kelly Buettner at 916-985-1020.**
ATL will proceed with the analysis as specified on the Chain of Custody and Sample Login page.

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling, or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Page 1 of 1

0309

Contact	Brian McCarthy
Company	GEI Consultants, Inc.
Address	455 Winding Brook Glastonbury CT 06033
Phone	860-368-5300 Fax 860-368-5307

Collected By: Signature: B. McCarthy

Project Info:
P.O. #
Project # 061140 – 8 - 1703
Project Name BayShore OU1 Southern Cell IRM Air Monitoring

Turn Around Time:
Normal [X]
Rush [ ]
Specify

Lab Use Only
Pressurized by: VFL
Date: 3/1/07
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D.	Can SN#	Date	Time (start – end)	Analyses Requested	Canister Pressure/Vacuum Initial (inch Hg)	Final (inch Hg)	Receipt (PSI)	Final
01A	UW-AMS-1	2862	2/23/07	0718-0913	TO-15 + Naphthalene	-30	-0	0.2psi	5.0psi
02A	DW-AMS-3	12015	2/23/07	0723-0908	TO-15 + Naphthalene	29.8	-1	0.0"Hg	↓

Relinquished By: (Signature) Date/Time: B. McCarthy 2/23/2006/1600
Received By: (Signature) Date/Time: [illegible] 3/08/07 0850

Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time:

Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time:

Notes: used flow controllers included
Send Data Pack to Lisa McDonough and EDD to datagroup@geiconsultatns.com

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp. (C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8571 6442 0545	[illegible]	NA	good	Yes No (None)	0702594

AN ENVIRONMENTAL ANALYTICAL LABORATORY

SAMPLE RECEIPT SUMMARY

WORKORDER 0702594

Client

Mr. Brian McCarthy
GEI Consultants, Inc.
455 Winding Brook Dr. Suite 201
Glastonbury, CT 06033

Phone

860-368-5300

Fax

860-368-5307

Sales Rep: JLJ

Date Promised: 03/14/07
Date Completed: 3/13/07
Date Received: 2/28/07
PO#: NR
Project#: 061140-8-1703 BayShore OU1 Southern Cell IRM Air Monit
Total $: $ 624.00
Logged By: MW

Fraction	Sample #	Analysis	Collected	Receipt Vac./Pres.	Amount$
01A	UW-AMS-1	Modified TO-15	2/23/2007	0.2 psi	$225.00
02A	DW-AMS-3	Modified TO-15	2/23/2007	0.0 "Hg	$225.00
03A	Lab Blank	Modified TO-15	NA	NA	$0.00
04A	CCV	Modified TO-15	NA	NA	$0.00
05A	LCS	Modified TO-15	NA	NA	$0.00

Misc. Charges	6 Liter Summa Canister (2) @ $50.00 each.	$100.00
	Fuel Surcharge (2) @ $2.00 each.	$4.00
	Blue Body Flow Controller (2) @ $35.00 each.	$70.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: Keyspan -Bayshore/6575

BILL TO: Mr. Brian McCarthy
GEI Consultants, Inc.
455 Winding Brook Dr. Suite 201
Glastonbury, CT 06033

Analysis Code: TO-14A

Reporting Method: Modified TO-15 + Naph

Other Records

DILUTION FACTORS

$$\text{Dilution Factor} = \frac{\text{Final Pressure}}{\text{Initial Vacuum}} = \frac{14.7 \text{ psi} + \text{Final Pressure (psi)}}{14.7 \text{ psi} - [(\text{Initial Pressure ("Hg)}) (14.7 \text{ psi} / 30 \text{ "Hg})]}$$

$$\text{Dilution Factor} = \frac{\text{Final Pressure}}{\text{Initial Pressure}} = \frac{14.7 \text{ psi} + \text{Final Pressure (psi)}}{14.7 \text{ psi} + \text{Initial Pressure (psi)}}$$

Initial Vacuum ("Hg)	**5 psi** Final Press. Dil. Factor	**10 psi** Final Press. Dil. Factor	**15 psi** Final Press. Dil. Factor
0.0	1.34	1.68	2.02
0.5	1.36	1.71	2.05
1.0	1.39	1.74	2.09
1.5	1.41	1.77	2.13
2.0	1.44	1.80	2.16
2.5	1.46	1.83	2.20
3.0	1.49	1.87	2.24
3.5	1.52	1.90	2.29
4.0	1.55	1.94	2.33
4.5	1.58	1.98	2.38
5.0	1.61	2.02	2.42
5.5	1.64	2.06	2.47
6.0	1.68	2.10	2.53
6.5	1.71	2.15	2.58
7.0	1.75	2.19	2.64
7.5	1.79	2.24	2.69
8.0	1.83	2.29	2.76
8.5	1.87	2.34	2.82
9.0	1.91	2.40	2.89
9.5	1.96	2.46	2.96
10.0	2.01	2.52	3.03
10.5	2.06	2.59	3.11
11.0	2.12	2.65	3.19
11.5	2.17	2.72	3.28
12.0	2.23	2.80	3.37
12.5	2.30	2.88	3.46
13.0	2.36	2.97	3.57
13.5	2.44	3.06	3.67
14.0	2.51	3.15	3.79
14.5	2.59	3.25	3.91
15.0	2.68	3.36	4.04
15.5	2.77	3.48	4.18
16.0	2.87	3.60	4.33
16.5	2.98	3.73	4.49
17.0	3.09	3.88	4.66
17.5	3.22	4.03	4.85
18.0	3.35	4.20	5.05
18.5	3.50	4.38	5.27
19.0	3.65	4.58	5.51
19.5	3.83	4.80	5.77
20.0	4.02	5.04	6.06
20.5	4.23	5.31	6.38
21.0	4.47	5.60	6.73
21.5	4.73	5.93	7.13
22.0	5.03	6.30	7.58
22.5	5.36	6.72	8.08
23.0	5.74	7.20	8.66
23.5	6.19	7.76	9.32
24.0	6.70	8.40	10.10
24.5	7.31	9.17	11.02
25.0	8.04	10.08	12.12
25.5	8.93	11.20	13.47
26.0	10.05	12.60	15.15
26.5	11.49	14.40	17.32
27.0	13.40	16.80	20.20
27.5	16.08	20.16	24.24
28.0	20.10	25.20	30.31
28.5	26.80	33.61	40.41
29.0	40.20	50.41	60.61

Initial Pressure (psi)	**5 psi** Final Press. Dil. Factor	**10 psi** Final Press. Dil. Factor	**15 psi** Final Press. Dil. Factor
0.0	1.34	1.68	2.02
0.2	1.32	1.66	1.99
0.4	1.30	1.64	1.97
0.6	1.29	1.61	1.94
0.8	1.27	1.59	1.92
1.0	1.25	1.57	1.89
1.2	1.24	1.55	1.87
1.4	1.22	1.53	1.84
1.6	1.21	1.52	1.82
1.8	1.19	1.50	1.80
2.0	1.18	1.48	1.78
2.2	1.17	1.46	1.76
2.4	1.15	1.44	1.74
2.6	1.14	1.43	1.72
2.8	1.13	1.41	1.70
3.0	1.11	1.40	1.68
3.2	1.10	1.38	1.66
3.4	1.09	1.36	1.64
3.6	1.08	1.35	1.62
3.8	1.06	1.34	1.61
4.0	1.05	1.32	1.59

DILUTION FACTORS

$$\text{Dilution Factor} = \frac{\text{Final Pressure}}{\text{Initial Pressure}} = \frac{\text{14.7 psi + Final Pressure (psi)}}{\text{14.7 psi + Initial Pressure (psi)}}$$

Initial Pressure (psi)	**5 psi** Final Press. Dil. Factor	**10 psi** Final Press. Dil. Factor	**15 psi** Final Press. Dil. Factor
0.0	1.34	1.68	2.02
0.2	1.32	1.66	1.99
0.4	1.30	1.64	1.97
0.6	1.29	1.61	1.94
0.8	1.27	1.59	1.92
1.0	1.25	1.57	1.89
1.2	1.24	1.55	1.87
1.4	1.22	1.53	1.84
1.6	1.21	1.52	1.82
1.8	1.19	1.50	1.80
2.0	1.18	1.48	1.78
2.2	1.17	1.46	1.76
2.4	1.15	1.44	1.74
2.6	1.14	1.43	1.72
2.8	1.13	1.41	1.70
3.0	1.11	1.40	1.68
3.2	1.10	1.38	1.66
3.4	1.09	1.36	1.64
3.6	1.08	1.35	1.62
3.8	1.06	1.34	1.61
4.0	1.05	1.32	1.59
4.2	1.04	1.31	1.57
4.4	1.03	1.29	1.55
4.6	1.02	1.28	1.54
4.8	1.01	1.27	1.52
5.0	1.00	1.25	1.51
5.2	NA	1.24	1.49
5.4	NA	1.23	1.48
5.6	NA	1.22	1.46
5.8	NA	1.20	1.45
6.0	NA	1.19	1.43
6.2	NA	1.18	1.42
6.4	NA	1.17	1.41
6.6	NA	1.16	1.39
6.8	NA	1.15	1.38
7.0	NA	1.14	1.37
7.2	NA	1.13	1.36
7.4	NA	1.12	1.34

Initial Pressure (psi)	**5 psi** Final Press. Dil. Factor	**10 psi** Final Press. Dil. Factor	**15 psi** Final Press. Dil. Factor
7.6	NA	1.11	1.33
7.8	NA	1.10	1.32
8.0	NA	1.09	1.31
8.2	NA	1.08	1.30
8.4	NA	1.07	1.29
8.6	NA	1.06	1.27
8.8	NA	1.05	1.26
9.0	NA	1.04	1.25
9.2	NA	1.03	1.24
9.4	NA	1.02	1.23
9.6	NA	1.02	1.22
9.8	NA	1.01	1.21
10.0	NA	1.00	1.20
10.2	NA	NA	1.19
10.4	NA	NA	1.18
10.6	NA	NA	1.17
10.8	NA	NA	1.16
11.0	NA	NA	1.16
11.2	NA	NA	1.15
11.4	NA	NA	1.14
11.6	NA	NA	1.13
11.8	NA	NA	1.12
12.0	NA	NA	1.11
12.2	NA	NA	1.10
12.4	NA	NA	1.10
12.6	NA	NA	1.09
12.8	NA	NA	1.08
13.0	NA	NA	1.07
13.2	NA	NA	1.06
13.4	NA	NA	1.06
13.6	NA	NA	1.05
13.8	NA	NA	1.04
14.0	NA	NA	1.03
14.2	NA	NA	1.03
14.4	NA	NA	1.02
14.6	NA	NA	1.01
14.8	NA	NA	1.01

Compound Listing

Modified TO-15 + Naph

CAS Number	Compound	Detection Limit ppbv	Type
75-71-8	Freon 12	0.50	
76-14-2	Freon 114	0.50	
108-38-3	m,p-Xylene	0.50	
95-47-6	o-Xylene	0.50	
100-42-5	Styrene	0.50	
79-34-5	1,1,2,2-Tetrachloroethane	0.50	
108-67-8	1,3,5-Trimethylbenzene	0.50	
95-63-6	1,2,4-Trimethylbenzene	0.50	
541-73-1	1,3-Dichlorobenzene	0.50	
106-46-7	1,4-Dichlorobenzene	0.50	
100-44-7	alpha-Chlorotoluene	0.50	
95-50-1	1,2-Dichlorobenzene	0.50	
106-99-0	1,3-Butadiene	0.50	
110-54-3	Hexane	0.50	
110-82-7	Cyclohexane	0.50	
142-82-5	Heptane	0.50	
75-27-4	Bromodichloromethane	0.50	
124-48-1	Dibromochloromethane	0.50	
98-82-8	Cumene	0.50	
103-65-1	Propylbenzene	0.50	
74-87-3	Chloromethane	2.0	
120-82-1	1,2,4-Trichlorobenzene	2.0	
87-68-3	Hexachlorobutadiene	2.0	
67-64-1	Acetone	2.0	
75-15-0	Carbon Disulfide	0.50	
67-63-0	2-Propanol	2.0	
156-60-5	trans-1,2-Dichloroethene	0.50	
78-93-3	2-Butanone (Methyl Ethyl Ketone)	0.50	
109-99-9	Tetrahydrofuran	0.50	
123-91-1	1,4-Dioxane	2.0	
108-10-1	4-Methyl-2-pentanone	0.50	
591-78-6	2-Hexanone	2.0	
75-25-2	Bromoform	0.50	
622-96-8	4-Ethyltoluene	0.50	
64-17-5	Ethanol	2.0	
1634-04-4	Methyl tert-butyl ether	0.50	
91-20-3	Naphthalene	2.0	
107-05-1	3-Chloropropene	2.0	
540-84-1	2,2,4-Trimethylpentane	0.50	
2037-26-5	Toluene-d8		
17060-07-0	1,2-Dichloroethane-d4		
460-00-4	4-Bromofluorobenzene		
75-01-4	Vinyl Chloride	0.50	
74-83-9	Bromomethane	0.50	
75-00-3	Chloroethane	0.50	
75-69-4	Freon 11	0.50	

Compound Listing

Modified TO-15 + Naph

CAS Number	Compound	Detection Limit ppbv	Type
75-35-4	1,1-Dichloroethene	0.50	
76-13-1	Freon 113	0.50	
75-09-2	Methylene Chloride	0.50	
75-34-3	1,1-Dichloroethane	0.50	
156-59-2	cis-1,2-Dichloroethene	0.50	
67-66-3	Chloroform	0.50	
71-55-6	1,1,1-Trichloroethane	0.50	
56-23-5	Carbon Tetrachloride	0.50	
71-43-2	Benzene	0.50	
107-06-2	1,2-Dichloroethane	0.50	
79-01-6	Trichloroethene	0.50	
78-87-5	1,2-Dichloropropane	0.50	
10061-01-5	cis-1,3-Dichloropropene	0.50	
108-88-3	Toluene	0.50	
10061-02-6	trans-1,3-Dichloropropene	0.50	
79-00-5	1,1,2-Trichloroethane	0.50	
127-18-4	Tetrachloroethene	0.50	
106-93-4	1,2-Dibromoethane (EDB)	0.50	
108-90-7	Chlorobenzene	0.50	
100-41-4	Ethyl Benzene	0.50	

@Air Toxics Ltd.

DATA REVIEW CHECKLIST

Work Order #: 0702594

A	R	T	M	Q	
☑	☑	☐	☑	☐	Analysis/Reporting vs. Project Profile/SOP requirements checked (i.e. 100% Dups, J-Flag to MDL, etc)
NA	☐	☐	☐	☐	The final report has the correct reporting list, special units, and header info.
	☐	☐	☑	☐	Lab Narrative is correct (proper method & description/Receiving & Analytical notes correct)
NA	☐	☐	☐	☐	Corrective Action issued - #
☑	☒	☐	☐	☐	Unusual circumstances have been documented in the notes section below

LUMEN *validation report present and initialed* ***CIRCLE (YES) / NO)***

☑	☐	☐	☐	☐	Lab Blank, CCV, LCS and DUP met QC criteria
☑	☐	☐	☐	☐	Hold time is met for all samples 14 Day
	☐	☐	☐	☐	Appropriate data qualifier flags are applied
	☐	☐	☐	☐	Manual integrations for samples and QC are properly documented
☑	☐	☐		☐	Samples analyzed within the project or method specific clock
	☐	☐			Retention times have been verified
☑	☐	☐		☐	Appropriate ICAL(s) included
	☐	☐	☑	☐	At least one result per sample is verified against the target quant sheets/raw data

☑	☑	☐		☐ Dilution factor correctly calculated (sample load volume, syringe and bag dilutions, can pressurization(s))
☑	☑	☐		Correct amount of sample analyzed (i.e. sample not over-diluted)
	☒	☐		Spectra verified - documentation of spectral defense included (Section 5A of eCVP pkg)
NA	☒	☐		TICs resemble reference spectra
NA	☒	☐		TICs between duplicate samples are consistent
NA	☒	☐	☑	Checked samples for trends (i.e. Influent>Effluent, Landfill or Ambient etc)
NA	☒		☑	Special units for all samples in the final report are correctly calculated
NA	☒	☐	☑	Manually entered results checked (i.e. special CCV compounds)
NA	☒	☐	☑	TPH/NMOC (verify calculations and correct reference compound used)
	☒			Chain of Custody scanned correctly
		☐		Verify sample id's vs. chain of custody
☑	☒			Samples pressurized w/ appropriate gas (N_2 or He) ☐ Tedlar Bag only
☑	☒			Final pressure consistent with canister size (6L vs. 1L)
☑	☒			Verify receipt pressures against logbook and Target
☑	☒			Verify canister ID #'s
NA	☐		☑	Extra printed copies are provided per client profile
	☒		☑	Final invoice amount correct (adjusted for TAT, Penalties, Re-issue Charges etc.)
	☒	☐	☑	☐ Client LUMEN report reviewed for accuracy and completeness

Notes: *(to include: noting samples with QA/QC problems, Blanks with positive hits, narratives, etc.)*

A/R: Naph 32% in ICAL, 0 out in CCV. Naphthalene

M/Q:

A	R/T	M	Q
(Analytical Review/Date)	(Reporting Review/Date)	(Management Review/Date)	(QA Review/Date)
SJC / CTaylor 3/12/07	R: CTaylor 3-12-07	Dave 3/13/07	
	T:		

Note (1): Please check all the appropriate boxes. Indicate "NA" for any statement that does not apply. Rev. 08/29/05

Note (2): Management reviewer and reporting reviewer must be separate individuals.

Not Applicable