HALEY& ALDRICH

TO-15 Data Review Check List

Client: NYSEG	Site: Seneca Falls			
File # 34507-011				
	Data Review			
	Yes	No	N/A	Comments
Are quantitation reports, chromatograms, and calibration summaries present?	✓			
Did the laboratory provide records of canister certification for at or below the project RLs?		✓		
Did dates of analysis match summary report?	✓			
Did reported data match summary report?	✓			
Were holding time requirements for TO-15 met? (30 days from sample collection)	✓			
Was the MS check solution (BFB) analyzed for every 24 hour window of sample analysis per instrument and abundance criteria met?	✓			
Are there any target compounds present in method blanks?	✓			$MeCl_2$ n/a for this site
Has a method blank, CCV, LCS and LCSD been analyzed per sample batch of 20 or less, per instrument for each 24 hour window?	✓			
CCV %D meet method criteria of 30% for 90% of compounds?	✓			
LCS and LCSD recoveries within 70 to 130% or limits established by the laboratory?	✓			
Do internal standards (IS) areas and retention times (RT) meet criteria? IS areas should be within 40% of the area in the continuing calibration verification (CCV) standard or 10 ppbv initial calibration standard. IS RTs should be within 20 seconds of the corresponding standard RT.	✓			
Is initial calibration for target compounds <30.0 %RSD or up to 40% for a maximum of 2 compounds? Is the relative response factor >0.05?	✓			
Were 100% of manual calculations or manual integrations checked?	✓			

HALEY & ALDRICH

TO-15 Data Review Check List

Client: NYSEG	Site: Seneca Falls			
File # 34507-011				
	Data Review			
	Yes	No	N/A	Comments
Were deviations documented and comments added to case narrative?	✓			Narrative stated DF applied for SV-07-03-55; but this DF was not applied to result. Emailed lab on 3-7-08 and asked for conformation. Revised sheets received 12 March 2008.
Are results reasonable for the matrix?	✓			
MAJOR CONCERNS:				
MINOR CONCERNS:				

I attest that I have evaluated all data in accordance with this checklist:

Gina M. Plantz

17 March 2008
Date

Return to Navigator

H8B210257 Analytical Report 1

Sample Receipt Documentation 36

Volatiles 40
Raw Sample Data 41
Standards Data 391
Raw QC Data 581
Miscellaneous Data 634

Sample Receipt Documentation 644

Total Number of Pages 647

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

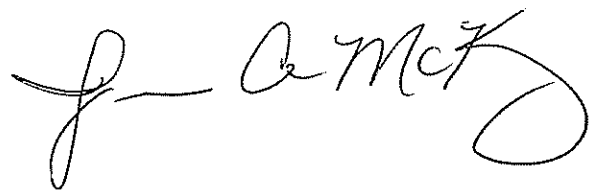
Seneca Falls, NY

Lot #: H8B210257

Paul Morrow

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228

TESTAMERICA LABORATORIES, INC.



Jamie A. McKinney
Project Manager

February 29, 2008

ANALYTICAL METHODS SUMMARY

H8B210257

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO15	EPA-2 TO-15

References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

SAMPLE SUMMARY

H8B210257

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KHFXF	001	SV-07-01-SS	02/19/08	09:46
KHFXL	002	SV-07-01-INA	02/19/08	09:50
KHFXM	003	SV-07-02-SS	02/19/08	10:53
KHFXQ	004	SV-07-04-SS	02/19/08	11:00
KHFXV	005	SV-07-04-INA	02/19/08	11:00
KHFXW	006	SV-07-03-SS	02/19/08	09:20
KHFX0	007	SV-07-03-INA	02/19/08	09:20
KHFX1	008	SV-OUTDOOR	02/19/08	11:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE
H8B210257

The results reported herein are applicable to the samples submitted for analysis only.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

Custody seals were not present.

The "Relinquished by" field on the chain of custody documentation did not contain a signature on page 2.

The chain of custody list the canister ID for sample SV-Outdoor as 1242, the correct ID should be 12212.

Quality Control and Data Interpretation

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. The laboratory standard operating procedure allows up to four analytes in the calibration verification to be ≤40% difference from the initial calibration. The calibration verification analyzed on 02/25/08 on instrument ME exhibited a %difference of >30% but ≤40% for 1,1-dichloroethane, chloroform, and 1,1,1-trichloroethane. The calibration verification analyzed on 02/26/08 on instrument MG exhibited a %difference of >30% but ≤40% for 1,2,4-trichlorobenzene and naphthalene.

TestAmerica Knoxville maintains the following certifications, approvals and accreditations: Arkansas DEQ Cert. #05-043-0, California DHS ELAP Cert. #2423, Colorado DPHE, Connecticut DPH Cert. #PH-0223, Florida DOH Cert. #E87177, Georgia DNR Cert. #906, Hawaii DOH, Illinois EPA Cert. #000687, Indiana DOH Cert. #C-TN-02, Iowa DNR Cert. #375, Kansas DHE Cert. #E-10349, Kentucky DEP Lab ID #90101, Louisiana DEQ Cert. #03079, Louisiana DOHH Cert. #LA030024, Maryland DHMH Cert. #277, Massachusetts DEP Cert. #M-TN009, Michigan DEQ Lab ID #9933, New Jersey DEP Cert. #TN001, New York DOH Lab #10781, North Carolina DPH Lab ID #21705, North Carolina DEHNR Cert. #64, Ohio EPA VAP Cert. #CL0059, Oklahoma DEQ ID #9415, Pennsylvania DEP Cert. #68-00576, South Carolina DHEC Lab ID #84001001, Tennessee DOH Lab ID #02014, Utah DOH Cert. # QUAN3, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, West Virginia DEP Cert. #345, Wisconsin DNR Lab ID #998044300, Naval Facilities Engineering Service Center and USDA Soil Permit #S-46424. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

PROJECT NARRATIVE
H8B210257

Laboratory control sample recoveries for 1,1-dichloroethane, chloroform, and 1,1,1-trichloroethane were above QC limits on 2/25/08 on instrument ME for batch 8057051. However, since the recoveries were high, and these target analytes were not detected above the reporting limit in the associated samples, the validity of the data is unaffected.

The following compounds were quantitated based on a one point calibration at the reporting limit:

1-Methylnaphthalene
2-Methylnaphthalene
Indene
1,2,3-Trimethylbenzene
Indane
Thiophene

Sample SV-07-03-SS was analyzed with a dilution factor of 1.17 for the additional compounds listed above. The autosampler was only able to draw 428 mL of sample. There was not enough sample remaining to obtain a dilution factor of 1.

Sample Data Summary

TestAmerica Buffalo

Client Sample ID: SV-07-01-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 001 Work Order # KHFXF1AA Matrix.....: AIR

Date Sampled...: 2/19/08 Date Received..: 2/21/08
Prep Date.....: 2/25/08 Analysis Date... 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1 Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.017**	**0.080**	**0.12**	**J**	**0.56**
Ethylbenzene	**0.32**	**0.080**	**1.4**		**0.35**
Trichlorofluoromethane	**0.31**	**0.080**	**1.8**		**0.45**
n-Heptane	**0.32**	**0.20**	**1.3**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.94**	**0.20**	**3.3**		**0.70**
2,2,4-Trimethylpentane	**0.13**	**0.20**	**0.61**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.61**	**0.20**	**2.1**	**B**	**0.69**
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.54**	**0.080**	**1.7**		**0.26**
n-Octane	**0.17**	**0.16**	**0.79**		**0.75**
Pentane	**2.7**	**0.32**	**7.8**		**0.94**
Styrene	**0.055**	**0.080**	**0.23**	**J**	**0.34**
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.38**	**0.080**	**2.6**		**0.54**
Toluene	**1.1**	**0.080**	**4.2**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.022**	**0.080**	**0.12**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.23**	**0.080**	**1.1**		**0.39**
1,3,5-Trimethylbenzene	**0.083**	**0.080**	**0.41**		**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.33**	**0.080**	**1.4**		**0.35**
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.55**	**0.40**	**3.2**		**2.3**
n-Dodecane	**0.075**	**0.40**	**0.52**	**J**	**2.8**
n-Undecane	**0.75**	**0.40**	**4.8**		**2.6**
1,1,2-Trichlorotrifluoroethane	**0.092**	**0.080**	**0.70**		**0.61**
Nonane	**0.22**	**0.16**	**1.2**		**0.84**
m-Xylene & p-Xylene	**1.0**	**0.080**	**4.4**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**6.5**	**0.16**	**15**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	**0.11**	**0.080**	**0.68**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.029**	**0.080**	**0.14**	**J**	**0.39**

TestAmerica Buffalo

Client Sample ID: SV-07-01-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 001 **Work Order #** KHFXF1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	**0.44**	**0.20**	**0.90**	**0.41**
2-Methylbutane	**3.4**	**0.20**	**10**	**0.59**
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.53**	**0.080**	**2.6**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	114	70 - 130
Toluene-d8	104	70 - 130
4-Bromofluorobenzene	102	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-01-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 001 **Work Order #** KHFXF2AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.0	ND	5.8
1-Methylnaphthalene	ND	1.0	ND	5.8
Indene	ND	0.16	ND	0.76
Thiophene	ND	0.080	ND	0.28
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Indane	ND	0.080	ND	0.39

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-01-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 002 **Work Order #** KHFXL1AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/25/08 **Analysis Date...** 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.022**	**0.080**	**0.15**	**J**	**0.56**
Ethylbenzene	**0.23**	**0.080**	**1.0**		**0.35**
Trichlorofluoromethane	**0.33**	**0.080**	**1.8**		**0.45**
n-Heptane	**0.34**	**0.20**	**1.4**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.79**	**0.20**	**2.8**		**0.70**
2,2,4-Trimethylpentane	**0.055**	**0.20**	**0.26**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.68**	**0.20**	**2.4**	**B**	**0.69**
Naphthalene	**0.073**	**0.16**	**0.38**	**J**	**0.84**
Benzene	**0.46**	**0.080**	**1.5**		**0.26**
n-Octane	**0.14**	**0.16**	**0.65**	**J**	**0.75**
Pentane	**2.2**	**0.32**	**6.5**		**0.94**
Styrene	ND	0.080	ND		0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.34**	**0.080**	**2.3**		**0.54**
Toluene	**0.57**	**0.080**	**2.1**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.019**	**0.080**	**0.10**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.16**	**0.080**	**0.77**		**0.39**
1,3,5-Trimethylbenzene	**0.052**	**0.080**	**0.25**	**J**	**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.24**	**0.080**	**1.1**		**0.35**
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.33**	**0.40**	**1.9**	**J**	**2.3**
n-Dodecane	**0.056**	**0.40**	**0.39**	**J**	**2.8**
n-Undecane	**0.24**	**0.40**	**1.5**	**J**	**2.6**
1,1,2-Trichlorotrifluoroethane	**0.098**	**0.080**	**0.75**		**0.61**
Nonane	**0.15**	**0.16**	**0.77**	**J**	**0.84**
m-Xylene & p-Xylene	**0.69**	**0.080**	**3.0**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**7.2**	**0.16**	**17**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	**0.11**	**0.080**	**0.66**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.025**	**0.080**	**0.12**	**J**	**0.39**

TestAmerica Buffalo

Client Sample ID: SV-07-01-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 002 Work Order # KHFXL1AA Matrix.....: AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	**0.78**	**0.20**	**1.6**	**0.41**
2-Methylbutane	**3.1**	**0.20**	**9.2**	**0.59**
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.56**	**0.080**	**2.8**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	112	70 - 130
Toluene-d8	103	70 - 130
4-Bromofluorobenzene	103	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-01-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 002 **Work Order #** KHFXL2AA **Matrix.....:** AIR

Date Sampled....: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.0	ND	5.8
1-Methylnaphthalene	ND	1.0	ND	5.8
Indene	ND	0.16	ND	0.76
Thiophene	ND	0.080	ND	0.28
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Indane	ND	0.080	ND	0.39

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-02-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 003 **Work Order #** KHFXM1AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/25/08 **Analysis Date...** 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.024**	**0.080**	**0.17**	**J**	**0.56**
Ethylbenzene	**0.25**	**0.080**	**1.1**		**0.35**
Trichlorofluoromethane	**0.29**	**0.080**	**1.6**		**0.45**
n-Heptane	**0.32**	**0.20**	**1.3**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.76**	**0.20**	**2.7**		**0.70**
2,2,4-Trimethylpentane	**0.11**	**0.20**	**0.50**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.54**	**0.20**	**1.9**	**B**	**0.69**
Naphthalene	**0.058**	**0.16**	**0.30**	**J**	**0.84**
Benzene	**0.45**	**0.080**	**1.4**		**0.26**
n-Octane	**0.15**	**0.16**	**0.70**	**J**	**0.75**
Pentane	**2.0**	**0.32**	**6.0**		**0.94**
Styrene	**0.032**	**0.080**	**0.14**	**J**	**0.34**
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.28**	**0.080**	**1.9**		**0.54**
Toluene	**0.87**	**0.080**	**3.3**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.019**	**0.080**	**0.10**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.21**	**0.080**	**1.0**		**0.39**
1,3,5-Trimethylbenzene	**0.066**	**0.080**	**0.32**	**J**	**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.25**	**0.080**	**1.1**		**0.35**
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.47**	**0.40**	**2.7**		**2.3**
n-Dodecane	**0.18**	**0.40**	**1.2**	**J**	**2.8**
n-Undecane	**0.75**	**0.40**	**4.8**		**2.6**
1,1,2-Trichlorotrifluoroethane	**0.087**	**0.080**	**0.66**		**0.61**
Nonane	**0.20**	**0.16**	**1.1**		**0.84**
m-Xylene & p-Xylene	**0.78**	**0.080**	**3.4**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**4.0**	**0.16**	**9.6**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	**0.094**	**0.080**	**0.59**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.028**	**0.080**	**0.14**	**J**	**0.39**

TestAmerica Buffalo

Client Sample ID: SV-07-02-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 003 Work Order # KHFXM1AA Matrix.....: AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	**0.44**	**0.20**	**0.90**	**0.41**
2-Methylbutane	**2.4**	**0.20**	**7.2**	**0.59**
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.51**	**0.080**	**2.5**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	114	70 - 130
Toluene-d8	105	70 - 130
4-Bromofluorobenzene	99	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-02-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 003 **Work Order #** KHFXM2AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.0	ND	5.8
1-Methylnaphthalene	ND	1.0	ND	5.8
Indene	ND	0.16	ND	0.76
Thiophene	ND	0.080	ND	0.28
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Indane	ND	0.080	ND	0.39

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-04-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 004 Work Order # KHFXQ1AA Matrix.....: AIR

Date Sampled...: 2/19/08 Date Received..: 2/21/08
Prep Date.....: 2/25/08 Analysis Date... 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1 Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.024**	**0.080**	**0.17**	**J**	**0.56**
Ethylbenzene	**0.13**	**0.080**	**0.57**		**0.35**
Trichlorofluoromethane	**0.32**	**0.080**	**1.8**		**0.45**
n-Heptane	**0.33**	**0.20**	**1.3**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**1.0**	**0.20**	**3.6**		**0.70**
2,2,4-Trimethylpentane	**0.17**	**0.20**	**0.80**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.80**	**0.20**	**2.8**	**B**	**0.69**
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.50**	**0.080**	**1.6**		**0.26**
n-Octane	**0.10**	**0.16**	**0.49**	**J**	**0.75**
Pentane	**2.7**	**0.32**	**8.0**		**0.94**
Styrene	ND	0.080	ND		0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**1.9**	**0.080**	**13**		**0.54**
Toluene	**0.60**	**0.080**	**2.3**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.024**	**0.080**	**0.13**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.065**	**0.080**	**0.32**	**J**	**0.39**
1,3,5-Trimethylbenzene	ND	0.080	ND		0.39
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.11**	**0.080**	**0.49**		**0.35**
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.12**	**0.40**	**0.73**	**J**	**2.3**
n-Dodecane	**0.041**	**0.40**	**0.28**	**J**	**2.8**
n-Undecane	**0.17**	**0.40**	**1.1**	**J**	**2.6**
1,1,2-Trichlorotrifluoroethane	**0.094**	**0.080**	**0.72**		**0.61**
Nonane	**0.078**	**0.16**	**0.41**	**J**	**0.84**
m-Xylene & p-Xylene	**0.32**	**0.080**	**1.4**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**5.6**	**0.16**	**13**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	**0.099**	**0.080**	**0.62**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.023**	**0.080**	**0.11**	**J**	**0.39**

TestAmerica Buffalo

Client Sample ID: SV-07-04-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 004 **Work Order #** KHFXQ1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	**0.39**	**0.20**	**0.81**	**0.41**
2-Methylbutane	**3.0**	**0.20**	**9.0**	**0.59**
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.57**	**0.080**	**2.8**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	114	70 - 130
Toluene-d8	105	70 - 130
4-Bromofluorobenzene	103	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-04-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 004 **Work Order #** KHFXQ2AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.0	ND	5.8
1-Methylnaphthalene	ND	1.0	ND	5.8
Indene	ND	0.16	ND	0.76
Thiophene	ND	0.080	ND	0.28
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Indane	ND	0.080	ND	0.39

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-04-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 005 Work Order # KHFXV1AA Matrix.....: AIR

Date Sampled...: 2/19/08 Date Received..: 2/21/08
Prep Date.....: 2/25/08 Analysis Date... 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1 Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.025**	**0.080**	**0.17**	**J**	**0.56**
Ethylbenzene	**0.20**	**0.080**	**0.87**		**0.35**
Trichlorofluoromethane	**0.34**	**0.080**	**1.9**		**0.45**
n-Heptane	**0.46**	**0.20**	**1.9**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**1.1**	**0.20**	**3.8**		**0.70**
2,2,4-Trimethylpentane	**0.074**	**0.20**	**0.35**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.78**	**0.20**	**2.7**	**B**	**0.69**
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.49**	**0.080**	**1.6**		**0.26**
n-Octane	**0.21**	**0.16**	**0.96**		**0.75**
Pentane	**2.9**	**0.32**	**8.6**		**0.94**
Styrene	**0.035**	**0.080**	**0.15**	**J**	**0.34**
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.24**	**0.080**	**1.6**		**0.54**
Toluene	**0.55**	**0.080**	**2.1**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.020**	**0.080**	**0.11**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.15**	**0.080**	**0.73**		**0.39**
1,3,5-Trimethylbenzene	**0.044**	**0.080**	**0.22**	**J**	**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.18**	**0.080**	**0.78**		**0.35**
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.23**	**0.40**	**1.3**	**J**	**2.3**
n-Dodecane	ND	0.40	ND		2.8
n-Undecane	**0.073**	**0.40**	**0.47**	**J**	**2.6**
1,1,2-Trichlorotrifluoroethane	**0.095**	**0.080**	**0.73**		**0.61**
Nonane	**0.17**	**0.16**	**0.91**		**0.84**
m-Xylene & p-Xylene	**0.57**	**0.080**	**2.5**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**9.7**	**0.16**	**23**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	**0.11**	**0.080**	**0.66**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.025**	**0.080**	**0.12**	**J**	**0.39**

TestAmerica Buffalo

Client Sample ID: SV-07-04-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 005 Work Order # KHFXV1AA Matrix.....: AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	**0.75**	**0.20**	**1.5**	**0.41**
2-Methylbutane	**4.1**	**0.20**	**12**	**0.59**
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.61**	**0.080**	**3.0**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	116	70 - 130
Toluene-d8	106	70 - 130
4-Bromofluorobenzene	102	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-04-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 005 **Work Order #** KHFXV2AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1.17 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.2	ND	6.8
1-Methylnaphthalene	ND	1.2	ND	6.8
Indene	ND	0.19	ND	0.89
Thiophene	ND	0.094	ND	0.32
1,2,3-Trimethylbenzene	ND	0.094	ND	0.46
Indane	ND	0.094	ND	0.45

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-03-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 006 Work Order # KHFXW1AA Matrix.....: AIR

Date Sampled...: 2/19/08 Date Received..: 2/21/08
Prep Date.....: 2/26/08 Analysis Date... 2/26/08
Prep Batch #.....: 8058104
Dilution Factor.: 1 Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.080	ND		0.56
Ethylbenzene	**0.20**	**0.080**	**0.89**		**0.35**
Trichlorofluoromethane	**0.20**	**0.080**	**1.1**		**0.45**
n-Heptane	**0.34**	**0.20**	**1.4**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.84**	**0.20**	**3.0**		**0.70**
2,2,4-Trimethylpentane	**0.066**	**0.20**	**0.31**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.63**	**0.20**	**2.2**	**B**	**0.69**
2-Methylnaphthalene	ND	1.0	ND		5.8
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.35**	**0.080**	**1.1**		**0.26**
n-Octane	**0.14**	**0.16**	**0.64**	**J**	**0.75**
Pentane	**1.7**	**0.32**	**5.0**		**0.94**
Styrene	**0.032**	**0.080**	**0.14**	**J**	**0.34**
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.18**	**0.080**	**1.2**		**0.54**
Toluene	**0.56**	**0.080**	**2.1**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.014**	**0.080**	**0.077**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.21**	**0.080**	**1.0**		**0.39**
1,3,5-Trimethylbenzene	**0.069**	**0.080**	**0.34**	**J**	**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.21**	**0.080**	**0.92**		**0.35**
1-Methylnaphthalene	ND	1.0	ND		5.8
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.27**	**0.40**	**1.6**	**J**	**2.3**
n-Dodecane	**0.093**	**0.40**	**0.64**	**J**	**2.8**
n-Undecane	**0.45**	**0.40**	**2.9**		**2.6**
1,1,2-Trichlorotrifluoroethane	**0.069**	**0.080**	**0.53**	**J**	**0.61**
Nonane	**0.16**	**0.16**	**0.81**		**0.84**
m-Xylene & p-Xylene	**0.64**	**0.080**	**2.8**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**5.4**	**0.16**	**13**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Indene	ND	0.16	ND		0.76
Thiophene	ND	0.080	ND		0.28

TestAmerica Buffalo

Client Sample ID: SV-07-03-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 006 Work Order # KHFXW1AA Matrix.....: AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
Carbon tetrachloride	**0.075**	**0.080**	**0.47**	**J**	**0.50**
Chlorobenzene	ND	0.080	ND		0.37
1,2,3-Trimethylbenzene	ND	0.080	ND		0.39
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.018**	**0.080**	**0.087**	**J**	**0.39**
Chloromethane	**0.46**	**0.20**	**0.94**		**0.41**
2-Methylbutane	**1.8**	**0.20**	**5.4**		**0.59**
Indane	ND	0.080	ND		0.39
1,2-Dichlorobenzene	ND	0.080	ND		0.48
1,3-Dichlorobenzene	ND	0.080	ND		0.48
1,4-Dichlorobenzene	ND	0.080	ND		0.48
Dichlorodifluoromethane	**0.42**	**0.080**	**2.1**		**0.40**
1,1-Dichloroethane	ND	0.080	ND		0.32
1,2-Dichloroethane	ND	0.080	ND		0.32
1,1-Dichloroethene	ND	0.080	ND		0.32
cis-1,2-Dichloroethene	ND	0.080	ND		0.32
1,2-Dichloropropane	ND	0.080	ND		0.37
cis-1,3-Dichloropropene	ND	0.080	ND		0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	96	70 - 130
Toluene-d8	103	70 - 130
4-Bromofluorobenzene	108	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-07-03-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 007 Work Order # KHFX01AA Matrix.....: AIR

Date Sampled...: 2/19/08 Date Received..: 2/21/08
Prep Date.....: 2/26/08 Analysis Date... 2/26/08
Prep Batch #.....: 8058104
Dilution Factor.: 1 Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.015**	**0.080**	**0.11**	**J**	**0.56**
Ethylbenzene	**0.26**	**0.080**	**1.1**		**0.35**
Trichlorofluoromethane	**0.20**	**0.080**	**1.1**		**0.45**
n-Heptane	**0.37**	**0.20**	**1.5**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.75**	**0.20**	**2.6**		**0.70**
2,2,4-Trimethylpentane	**0.052**	**0.20**	**0.24**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.46**	**0.20**	**1.6**	**B**	**0.69**
2-Methylnaphthalene	ND	1.0	ND		5.8
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.35**	**0.080**	**1.1**		**0.26**
n-Octane	**0.14**	**0.16**	**0.66**	**J**	**0.75**
Pentane	**1.7**	**0.32**	**5.1**		**0.94**
Styrene	**0.039**	**0.080**	**0.17**	**J**	**0.34**
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.30**	**0.080**	**2.0**		**0.54**
Toluene	**0.48**	**0.080**	**1.8**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.013**	**0.080**	**0.073**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.18**	**0.080**	**0.87**		**0.39**
1,3,5-Trimethylbenzene	**0.066**	**0.080**	**0.32**	**J**	**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.22**	**0.080**	**0.94**		**0.35**
1-Methylnaphthalene	ND	1.0	ND		5.8
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.16**	**0.40**	**0.93**	**J**	**2.3**
n-Dodecane	ND	0.40	ND		2.8
n-Undecane	**0.066**	**0.40**	**0.42**	**J**	**2.6**
1,1,2-Trichlorotrifluoroethane	**0.061**	**0.080**	**0.47**	**J**	**0.61**
Nonane	**0.16**	**0.16**	**0.82**		**0.84**
m-Xylene & p-Xylene	**0.69**	**0.080**	**3.0**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**7.2**	**0.16**	**17**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Indene	ND	0.16	ND		0.76
Thiophene	ND	0.080	ND		0.28

TestAmerica Buffalo

Client Sample ID: SV-07-03-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 007 Work Order # KHFX01AA Matrix.....: AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
Carbon tetrachloride	**0.081**	**0.080**	**0.51**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
1,2,3-Trimethylbenzene	ND	0.080	ND		0.39
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.017**	**0.080**	**0.081**	**J**	**0.39**
Chloromethane	**0.51**	**0.20**	**1.1**		**0.41**
2-Methylbutane	**2.3**	**0.20**	**6.9**		**0.59**
Indane	ND	0.080	ND		0.39
1,2-Dichlorobenzene	ND	0.080	ND		0.48
1,3-Dichlorobenzene	ND	0.080	ND		0.48
1,4-Dichlorobenzene	ND	0.080	ND		0.48
Dichlorodifluoromethane	**0.43**	**0.080**	**2.1**		**0.40**
1,1-Dichloroethane	ND	0.080	ND		0.32
1,2-Dichloroethane	ND	0.080	ND		0.32
1,1-Dichloroethene	ND	0.080	ND		0.32
cis-1,2-Dichloroethene	ND	0.080	ND		0.32
1,2-Dichloropropane	ND	0.080	ND		0.37
cis-1,3-Dichloropropene	ND	0.080	ND		0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	105	70 - 130
Toluene-d8	104	70 - 130
4-Bromofluorobenzene	98	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: SV-OUTDOOR

GC/MS Volatiles

Lot-Sample # H8B210257 - 008 Work Order # KHFX11AA Matrix.....: AIR

Date Sampled...: 2/19/08 Date Received..: 2/21/08
Prep Date.....: 2/26/08 Analysis Date... 2/26/08
Prep Batch #.....: 8058104
Dilution Factor.: 1 Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.080	ND		0.56
Ethylbenzene	**0.065**	**0.080**	**0.28**	**J**	**0.35**
Trichlorofluoromethane	**0.24**	**0.080**	**1.3**		**0.45**
n-Heptane	**0.063**	**0.20**	**0.26**	**J**	**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.14**	**0.20**	**0.48**	**J**	**0.70**
2,2,4-Trimethylpentane	**0.027**	**0.20**	**0.13**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.24**	**0.20**	**0.82**	**B**	**0.69**
2-Methylnaphthalene	ND	1.0	ND		5.8
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.21**	**0.080**	**0.68**		**0.26**
n-Octane	**0.026**	**0.16**	**0.12**	**J**	**0.75**
Pentane	**0.41**	**0.32**	**1.2**		**0.94**
Styrene	ND	0.080	ND		0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.13**	**0.080**	**0.89**		**0.54**
Toluene	**0.15**	**0.080**	**0.56**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.013**	**0.080**	**0.073**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.029**	**0.080**	**0.14**	**J**	**0.39**
1,3,5-Trimethylbenzene	ND	0.080	ND		0.39
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.055**	**0.080**	**0.24**	**J**	**0.35**
1-Methylnaphthalene	ND	1.0	ND		5.8
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	ND	0.40	ND		2.3
n-Dodecane	ND	0.40	ND		2.8
n-Undecane	ND	0.40	ND		2.6
1,1,2-Trichlorotrifluoroethane	**0.074**	**0.080**	**0.57**	**J**	**0.61**
Nonane	ND	0.16	ND		0.84
m-Xylene & p-Xylene	**0.15**	**0.080**	**0.63**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**2.2**	**0.16**	**5.3**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Indene	ND	0.16	ND		0.76
Thiophene	ND	0.080	ND		0.28

TestAmerica Buffalo

Client Sample ID: SV-OUTDOOR

GC/MS Volatiles

Lot-Sample # H8B210257 - 008 Work Order # KHFX11AA Matrix.....: AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Carbon tetrachloride	**0.082**	**0.080**	**0.52**	**0.50**
Chlorobenzene	ND	0.080	ND	0.37
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Chloroethane	ND	0.080	ND	0.21
Chloroform	ND	0.080	ND	0.39
Chloromethane	**0.56**	**0.20**	**1.2**	**0.41**
2-Methylbutane	**0.82**	**0.20**	**2.4**	**0.59**
Indane	ND	0.080	ND	0.39
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.54**	**0.080**	**2.7**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	101	70 - 130
Toluene-d8	104	70 - 130
4-Bromofluorobenzene	110	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H8B260000 - 051B **Work Order #** KHLLK1AA **Matrix.....:** AIR

Prep Date.....: 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1

Date Received..: 2/21/08
Analysis Date... 2/25/08

Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.080	ND		0.56
Ethylbenzene	ND	0.080	ND		0.35
Trichlorofluoromethane	ND	0.080	ND		0.45
n-Heptane	ND	0.20	ND		0.82
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	ND	0.20	ND		0.70
2,2,4-Trimethylpentane	ND	0.20	ND		0.93
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.061**	**0.20**	**0.21**	**J**	**0.69**
Naphthalene	ND	0.16	ND		0.84
Benzene	ND	0.080	ND		0.26
n-Octane	ND	0.16	ND		0.75
Pentane	ND	0.32	ND		0.94
Styrene	ND	0.080	ND		0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	ND	0.080	ND		0.54
Toluene	ND	0.080	ND		0.30
1,2,4-Trichlorobenzene	ND	0.40	ND		0.59
1,1,1-Trichloroethane	ND	0.080	ND		0.44
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	ND	0.080	ND		0.39
1,3,5-Trimethylbenzene	ND	0.080	ND		0.39
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	ND	0.080	ND		0.35
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	ND	0.40	ND		2.3
n-Dodecane	ND	0.40	ND		2.8
n-Undecane	ND	0.40	ND		2.6
1,1,2-Trichlorotrifluoroethane	ND	0.080	ND		0.61
Nonane	ND	0.16	ND		0.84
m-Xylene & p-Xylene	ND	0.080	ND		0.35
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	ND	0.16	ND		0.38
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	ND	0.080	ND		0.25
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21

TestAmerica Buffalo

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H8B260000 - 051B **Work Order #** KHLLK1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloroform	ND	0.080	ND	0.39
Chloromethane	ND	0.20	ND	0.41
2-Methylbutane	ND	0.20	ND	0.59
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	ND	0.080	ND	0.40
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
None		

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	116	70 - 130
Toluene-d8	104	70 - 130
4-Bromofluorobenzene	104	70 - 130

Qualifiers

J Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H8B260000 - 051C **Work Order #** KHLLK1AC **Matrix.....:** AIR

Prep Date.....: 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1

Date Received..: 2/21/08
Analysis Date... 2/25/08

Method.....: TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
Benzene	10.0	11.0	32	35	110	70 - 130
Toluene	10.0	8.66	38	33	87	70 - 130
Trichloroethene	10.0	10.7	54	58	107	70 - 130
Chlorobenzene	10.0	10.9	46	50	109	70 - 130
1,1-Dichloroethene	10.0	11.8	40	47	118	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	110	70 - 130
Toluene-d8	102	70 - 130
4-Bromofluorobenzene	108	70 - 130

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H8B270000 - 029B **Work Order #** KHNDP1AA **Matrix.....:** AIR

Prep Date.....: 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1

Date Received..: 2/22/08
Analysis Date... 2/26/08

Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.0	ND	5.8
1-Methylnaphthalene	ND	1.0	ND	5.8
Indene	ND	0.16	ND	0.76
Thiophene	ND	0.080	ND	0.28
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Indane	ND	0.080	ND	0.39

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H8B270000 - 029C **Work Order #** KHNDP1AC **Matrix.....:** AIR

Prep Date.....: 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1

Date Received..: 2/22/08
Analysis Date... 2/26/08

Method.....: TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
1,1-Dichloroethene	10.0	11.8	40	47	118	70 - 130
Benzene	10.0	9.23	32	29	92	70 - 130
Trichloroethene	10.0	10.7	54	57	107	70 - 130
Toluene	10.0	8.70	38	33	87	70 - 130
Chlorobenzene	10.0	10.4	46	48	104	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	121	70 - 130
Toluene-d8	104	70 - 130
4-Bromofluorobenzene	114	70 - 130

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H8B270000 - 104B **Work Order #** KHNGE1AA **Matrix.....:** AIR

Prep Date.....: 2/26/08
Prep Batch #.....: 8058104
Dilution Factor.: 1

Date Received..: 2/21/08
Analysis Date... 2/26/08

Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.080	ND		0.56
Ethylbenzene	ND	0.080	ND		0.35
Trichlorofluoromethane	ND	0.080	ND		0.45
n-Heptane	ND	0.20	ND		0.82
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	ND	0.20	ND		0.70
2,2,4-Trimethylpentane	ND	0.20	ND		0.93
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.034**	**0.20**	**0.12**	**J**	**0.69**
2-Methylnaphthalene	ND	1.0	ND		5.8
Naphthalene	ND	0.16	ND		0.84
Benzene	ND	0.080	ND		0.26
n-Octane	ND	0.16	ND		0.75
Pentane	ND	0.32	ND		0.94
Styrene	ND	0.080	ND		0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	ND	0.080	ND		0.54
Toluene	ND	0.080	ND		0.30
1,2,4-Trichlorobenzene	ND	0.40	ND		0.59
1,1,1-Trichloroethane	ND	0.080	ND		0.44
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	ND	0.080	ND		0.39
1,3,5-Trimethylbenzene	ND	0.080	ND		0.39
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	ND	0.080	ND		0.35
1-Methylnaphthalene	ND	1.0	ND		5.8
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	ND	0.40	ND		2.3
n-Dodecane	ND	0.40	ND		2.8
n-Undecane	ND	0.40	ND		2.6
1,1,2-Trichlorotrifluoroethane	ND	0.080	ND		0.61
Nonane	ND	0.16	ND		0.84
m-Xylene & p-Xylene	ND	0.080	ND		0.35
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	ND	0.16	ND		0.38
Bromomethane	ND	0.080	ND		0.31
Indene	ND	0.16	ND		0.76

TestAmerica Buffalo

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H8B270000 - 104B Work Order # KHNGE1AA Matrix.....: AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Thiophene	ND	0.080	ND	0.28
Carbon tetrachloride	ND	0.080	ND	0.25
Chlorobenzene	ND	0.080	ND	0.37
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Chloroethane	ND	0.080	ND	0.21
Chloroform	ND	0.080	ND	0.39
Chloromethane	ND	0.20	ND	0.41
2-Methylbutane	ND	0.20	ND	0.59
Indane	ND	0.080	ND	0.39
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	ND	0.080	ND	0.40
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
None		

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	106	70 - 130
Toluene-d8	103	70 - 130
4-Bromofluorobenzene	113	70 - 130

Qualifiers

J Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

TestAmerica Buffalo

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H8B270000 - 104C **Work Order #** KHNGE1AC **Matrix.....:** AIR

Prep Date.....: 2/26/08
Prep Batch #.....: 8058104
Dilution Factor.: 1

Date Received..: 2/21/08
Analysis Date... 2/26/08

Method.....: TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
Benzene	10.0	8.62	32	28	86	70 - 130
Toluene	10.0	10.8	38	41	108	70 - 130
Trichloroethene	10.0	9.52	54	51	95	70 - 130
Chlorobenzene	10.0	9.25	46	43	93	70 - 130
1,1-Dichloroethene	10.0	7.19	40	28	72	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	95	70 - 130
Toluene-d8	106	70 - 130
4-Bromofluorobenzene	107	70 - 130

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Sample Receipt Documentation

TAL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
phone 865-291-3000 fax 865-584-4315

Canister Samples Chain of Custody Record

HFB 210257

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information	Project Manager: D. Allen	Sampled By: C. Ondak	1 of 2 COCs
Company: Haley & Aldrich	Phone: 603.391.3320		
Address: 340 Granite St	Site Contact:		
City/State/Zip Manchester NH	TAL Contact:		
Phone:			
FAX: 603.624.8307			
Project Name: Seneca Falls	Analysis Turnaround Time		
Site/location:	Standard (Specify)		
PO # 34507-001	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop (2/20)	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
SV-07-01-SS	2/19	1046	0946	30	4	K476	12446	X											X
SV-07-01-InA	↓	1050	0950	30	9	K257	03366	↓							X				
SV-07-02-SS		1123	1053	30	5	K162	06040												X
SV-07-04-SS		1145	1100	30	5	K391	06589												X
SV-07-04-InA	↓	1148	1100	30	5	K301	01492	↓							X				

Sampled by :

Temperature (Fahrenheit)	Interior	Ambient	
Start			
Stop			

Pressure (inches of Hg)	Interior	Ambient	
Start			
Stop			

SS - subslab vapor
NO CUSTODY SEALS
RECEIVED AT AMBIENT TEMP
DM 2-21-08

2 BOXES FEDEX # 7988 7864 0464
" " 0431

11 CANS / 11 FLOWS

Special Instructions/QC Requirements & Comments:
TO-15 plus N-Alkanes, TICs, see attached list from PM

Canisters Shipped by:	Date/Time:	Canisters Received by:
Samples Relinquished by: Christo Ondak	Date/Time: 2/20/08 13:35	Received by: [signature] 2-21-08 10:00
Relinquished by:	Date/Time:	Received by:

Lab Use Only Shipper Name: Opened by: Condition:

TAL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
phone 865-291-3000 fax 865-584-4315

Canister Samples Chain of Custody Record

1486210257

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information	Project Manager:	Sampled By:	2 of 2 COCs
Company:	Phone:		
Address:	Site Contact:		
City/State/Zip	TAL Contact:		
Phone:			
FAX:			
Project Name:	Analysis Turnaround Time		
Site/location:	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop (2400)	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
SV-07-03-SS	2/19	1207	0920	29	3	K245	06077	X											X
SV-07-03-InA	↓	1209	0920	30	0	K240	98058	↓							X				
SV-Outdoor	↓	1220	1150	30	6	K113	1242	↓								X			

Sampled by :

Temperature (Fahrenheit)	Interior	Ambient	
Start			
Stop			

SS - Subslab Vapor

Pressure (Inches of Hg)	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:

Canisters Shipped by:	Date/Time:	Canisters Received by:	
Samples Relinquished by:	Date/Time:	Received by:	
Relinquished by:	Date/Time:	Received by:	

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Client: HALEY + ALDRICH **Project:** _____ **Lot Number:** H8B210257

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)		✓		☐ 1a Do not match COC ☐ 1b Incomplete information ☐ 1c Marking smeared ☐ 1d Label torn ☐ 1e No label ☐ 1f COC not received ☑ 1g Other:	NA 14A. COC 2 OF 2, NOT RELINQUISHED, SAMPLER NOT LISTED 16, SV-OUTDOOR, COC LIST CANISTER ID AS 1242, SHOULD BE 12212
2. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C; NC, 1668, 1613B: 0-4°C; VOST: 10°C; MA: 2-6 °C)			✓	☐ 2a Temp Blank = _____ ☐ 2b Cooler Temp = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ 3a Sample preservative =	
4. Were custody seals present/intact on cooler and/or containers?			✓	☑ 4a Not present ☐ 4b Not intact ☐ 4c Other:	
5. Were all of the samples listed on the COC received?	✓			☐ 5a Samples received-not on COC ☐ 5b Samples not received-on COC	
6. Were all of the sample containers received intact?	✓			☐ 6a Leaking ☐ 6b Broken	
7. Were VOA samples received without headspace?		✓		☐ 7a Headspace (VOA only)	
8. Were samples received in appropriate containers?	✓			☐ 8a Improper container	
9. Did you check for residual chlorine, if necessary?		✓		☐ 9a Could not be determined due to matrix interference	
10. Were samples received within holding time?	✓			☐ 10a Holding time expired	
11. For rad samples, was sample activity info. provided?			✓	☐ Incomplete information	
12. For SOG water samples (1613B, 1668A, 8290, LR PAHs), do samples have visible solids present?		✓		If yes & appears to be >1%, was SOG notified? _____	
13. Are the shipping containers intact?	✓			☐ 13a Leaking ☐ 13b Other:	
14. Was COC relinquished? (Signed/Dated/Timed)	✓	✓		☑ 14a Not relinquished	
15. Are tests/parameters listed for each sample?	✓			☐ 15a Incomplete information	
16. Is the matrix of the samples noted?	✓			☐ 15a Incomplete information	
17. Is the date/time of sample collection noted?	✓			☐ 15a Incomplete information	
18. Is the client and project name/# identified?	✓			☐ 15a Incomplete information	
19. Was the sampler identified on the COC?	✓	✓			

Quote #: 78580 PM Instructions: _____

Sample Receiving Associate: _____ Date: 2-21-08

QA026R19.doc, 080707

Volatiles

Raw Sample Data

TestAmerica Buffalo

Client Sample ID: SV-07-01-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 001 **Work Order #** KHFXF1AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/25/08 **Analysis Date...** 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.017**	**0.080**	**0.12**	**J**	**0.56**
Ethylbenzene	**0.32**	**0.080**	**1.4**		**0.35**
Trichlorofluoromethane	**0.31**	**0.080**	**1.8**		**0.45**
n-Heptane	**0.32**	**0.20**	**1.3**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.94**	**0.20**	**3.3**		**0.70**
2,2,4-Trimethylpentane	**0.13**	**0.20**	**0.61**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.61**	**0.20**	**2.1**	**B**	**0.69**
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.54**	**0.080**	**1.7**		**0.26**
n-Octane	**0.17**	**0.16**	**0.79**		**0.75**
Pentane	**2.7**	**0.32**	**7.8**		**0.94**
Styrene	**0.055**	**0.080**	**0.23**	**J**	**0.34**
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.38**	**0.080**	**2.6**		**0.54**
Toluene	**1.1**	**0.080**	**4.2**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.022**	**0.080**	**0.12**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.23**	**0.080**	**1.1**		**0.39**
1,3,5-Trimethylbenzene	**0.083**	**0.080**	**0.41**		**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.33**	**0.080**	**1.4**		**0.35**
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.55**	**0.40**	**3.2**		**2.3**
n-Dodecane	**0.075**	**0.40**	**0.52**	**J**	**2.8**
n-Undecane	**0.75**	**0.40**	**4.8**		**2.6**
1,1,2-Trichlorotrifluoroethane	**0.092**	**0.080**	**0.70**		**0.61**
Nonane	**0.22**	**0.16**	**1.2**		**0.84**
m-Xylene & p-Xylene	**1.0**	**0.080**	**4.4**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**6.5**	**0.16**	**15**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	**0.11**	**0.080**	**0.68**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.029**	**0.080**	**0.14**	**J**	**0.39**

TestAmerica Buffalo

Client Sample ID: SV-07-01-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 001 **Work Order #** KHFXF1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	**0.44**	**0.20**	**0.90**	**0.41**
2-Methylbutane	**3.4**	**0.20**	**10**	**0.59**
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.53**	**0.080**	**2.6**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	114	70 - 130
Toluene-d8	104	70 - 130
4-Bromofluorobenzene	102	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d
Report Date: 26-Feb-2008 08:16

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/khfxf1aa.d
Lab Smp Id: KHFXF1AA Client Smp ID: SV-07-01-SS
Inj Date : 25-FEB-2008 11:34
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022508,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 08:15 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
*	1 Bromochloromethane	128	8.443	8.433	(1.000)	90977	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.638	10.628	(1.000)	462716	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.421	15.415	(1.000)	413886	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.417	9.406	(0.885)	191461	4.55478	4.555
$	5 Toluene-d8	98	13.317	13.317	(0.864)	501556	4.15859	4.158
$	6 4-Bromofluorobenzene	95	17.078	17.078	(1.107)	469435	4.06804	4.068
	9 Dichlorodifluoromethane	85	3.736	3.731	(0.442)	96110	0.53155	0.5315
	11 1,2-Dichlorotetrafluoroethane	135	3.919	3.903	(0.464)	1340	0.01689	0.01688
	10 Chloromethane	52	3.898	3.892	(0.462)	4650	0.43730	0.4373
	14 n-Butane	43	4.140	4.129	(0.490)	315242	6.50162	6.502
	16 Bromomethane	94	4.635	4.414	(0.549)	650	0.01541	0.01541
	19 2-methyl butane	43	4.882	4.866	(0.578)	117854	3.42157	3.422
	20 Trichlorofluoromethane	101	5.076	5.060	(0.601)	53163	0.31217	0.3122
	24 Pentane	72	5.291	5.270	(0.627)	13701	2.65413	2.654
	30 1,1,2-Trichlorotrifluoroethane	101	5.904	5.888	(0.699)	6085	0.09178	0.09178
	31 Methylene Chloride	84	6.033	6.023	(0.715)	15122	0.60882	0.6088

2/26/08 tt

Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d
Report Date: 26-Feb-2008 08:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
38	Hexane	56	7.782	7.771	(0.922)	21755	0.93921	0.9392
42	Chloroform	83	8.460	8.449	(1.002)	2290	0.02854	0.02854
44	1,1,1-Trichloroethane	97	9.471	9.460	(1.122)	2280	0.02250	0.02250
46	Benzene	78	10.057	10.052	(0.945)	40042	0.54352	0.5435
49	Carbon Tetrachloride	117	10.084	10.079	(0.948)	13970	0.10742	0.1074
50	2,2,4-trimethylpentane	57	10.886	10.880	(1.023)	16604	0.13098	0.1310
51	Heptane	43	11.278	11.268	(1.060)	15615	0.32466	0.3246
60	trans-1,3-Dichloropropene	75	13.425	13.307	(0.871)	1268	0.02461	~~0.02461~~
61	Toluene	91	13.436	13.430	(0.871)	97968	1.10447	1.104
62	1,1,2-Trichloroethane	97	13.333	13.500	(0.865)	56849	2.13976	~~2.140~~
64	Octane	85	14.189	14.183	(0.920)	4525	0.16980	0.1698
67	Tetrachloroethene	129	14.587	14.582	(0.946)	13478	0.37878	0.3788
69	Ethylbenzene	91	15.776	15.776	(1.023)	32992	0.31524	0.3152
72	Nonane	57	16.416	16.411	(1.065)	10634	0.21972	0.2197
70	m&p-Xylene	91	15.937	15.943	(1.033)	89928	1.00261	1.003
73	Styrene	104	16.405	16.400	(1.064)	2840	0.05463	0.05463
74	o-Xylene	91	16.464	16.464	(1.068)	31051	0.33190	0.3319
75	1,1,2,2-Tetrachloroethane	83	17.024	16.776	(1.104)	1542	0.02552	~~0.02552~~
77	Cumene	105	17.072	17.067	(1.107)	3982	0.03166	0.03166
81	1,3,5-Trimethylbenzene	120	17.858	17.852	(1.158)	3360	0.08346	0.08346
83	Decane	57	18.191	18.191	(1.180)	33554	0.55186	0.5518
85	1,2,4-Trimethylbenzene	105	18.299	18.293	(1.187)	25675	0.23318	0.2332
93	Undecane	57	19.531	19.531	(1.267)	52577	0.74648	0.7465
94	Dodecane	57	20.601	20.601	(1.336)	5219	0.07476	0.07476

2/26/08 AH

Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d
Report Date: 26-Feb-2008 08:16

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: khfxf1aa.d
Lab Smp Id: KHFXF1AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022508.b/TO155.m
Misc Info: E022508,TO155,,,500 ML

Calibration Date: 25-FEB-2008
Calibration Time: 08:09
Client Smp ID: SV-07-01-SS
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	94875	56451	133299	90977	-4.11
2 1,4-Difluorobenze	467871	278383	657359	462716	-1.10
3 Chlorobenzene-d5	430258	256004	604512	413886	-3.81

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.44	0.13
2 1,4-Difluorobenze	10.63	10.30	10.96	10.64	0.10
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	0.03

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: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d
Report Date: 26-Feb-2008 08:16

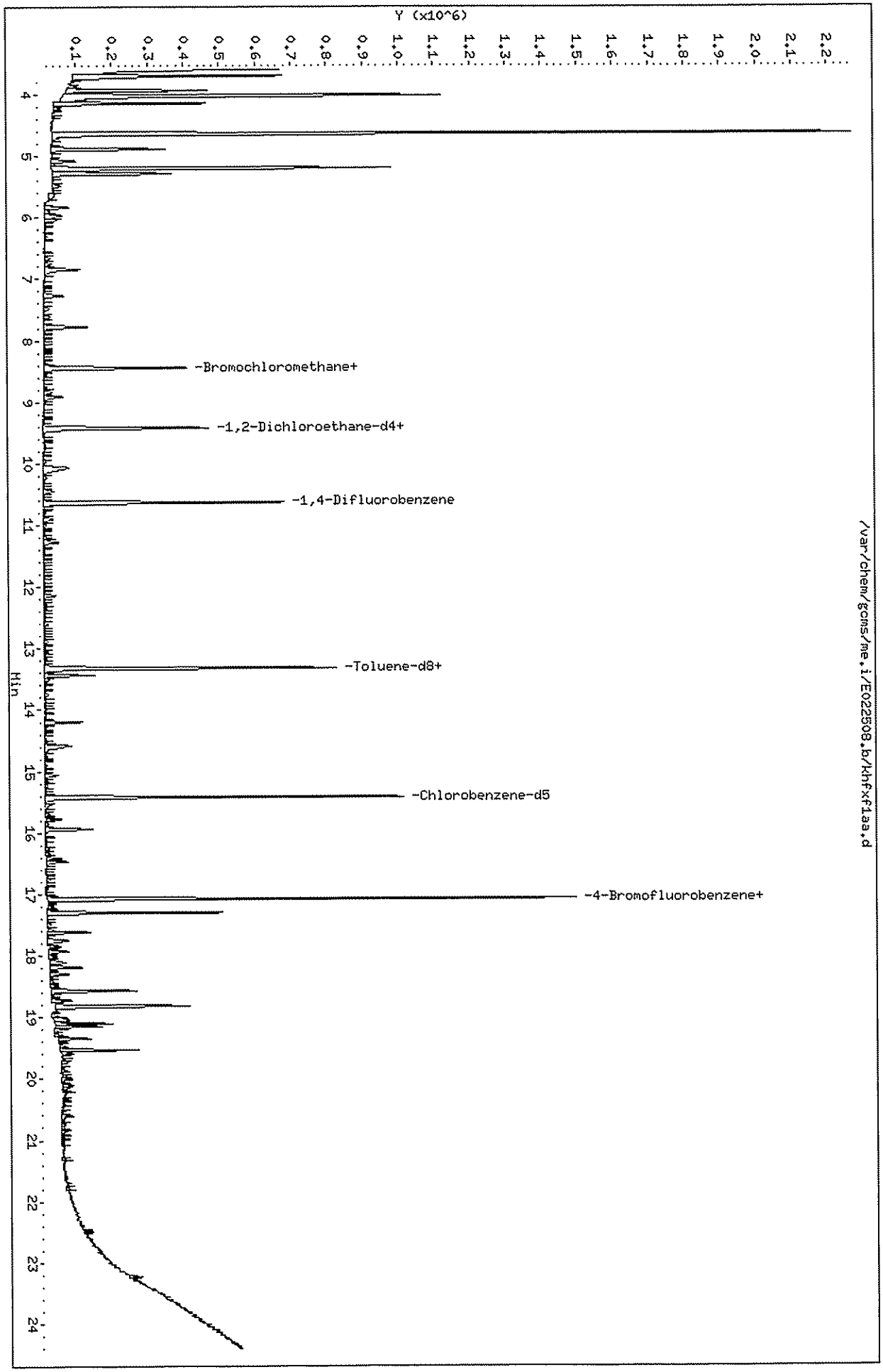
TestAmerica Knoxville

RECOVERY REPORT

Client Name: TestAmerica Buffalo
Sample Matrix: GAS
Lab Smp Id: KHFXF1AA
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: seneca.sub
Method File: /var/chem/gcms/me.i/E022508.b/TO155.m
Misc Info: E022508,TO155,,,500 ML

Client SDG: H8B210257
Fraction: OTHER
Client Smp ID: SV-07-01-SS
Operator: 7126
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	4.000	4.555	113.87	70-130
$ 5 Toluene-d8	4.000	4.158	103.96	70-130
$ 6 4-Bromofluorobenze	4.000	4.068	101.70	70-130


Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d
Date : 25-FEB-2008 11:34
Client ID: SV-07-01-SS
Sample Info: ,,0,,,,
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
-4-Bromofluorobenzene+
/var/chem/gcms/me.i/E022508.b/khfxf1aa.d
Min

Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

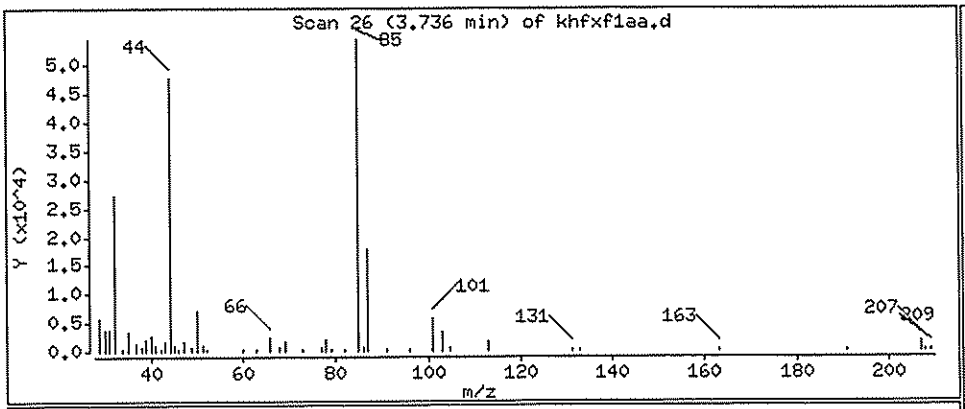
Operator: 7126

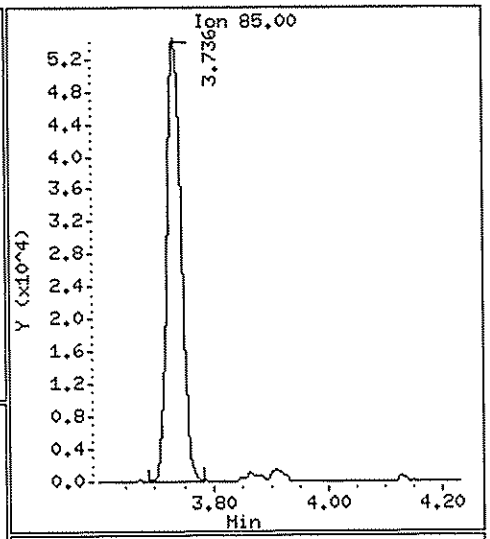
Column phase: HP-5

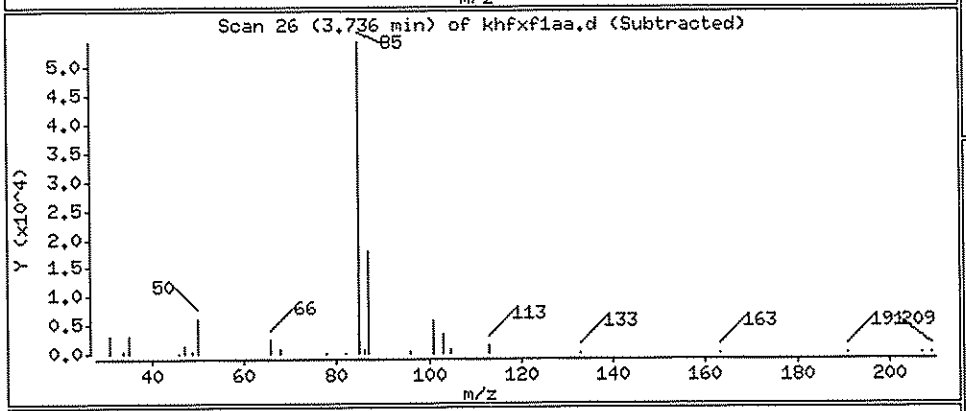
Column diameter: 0.32

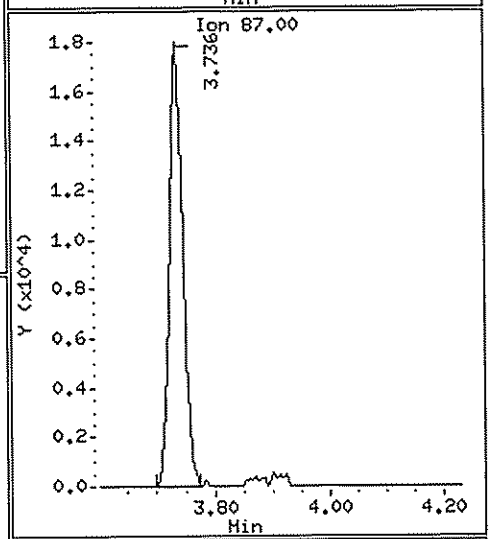
9 Dichlorodifluoromethane

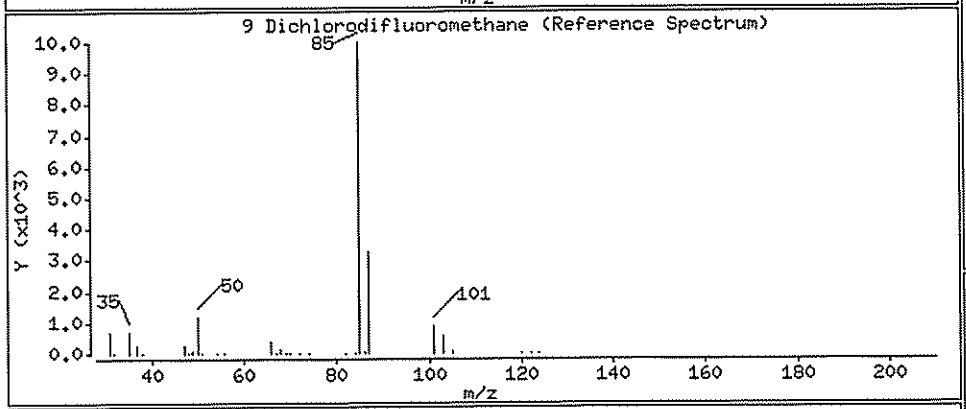
Concentration: 0.5315 ppb(v/v)

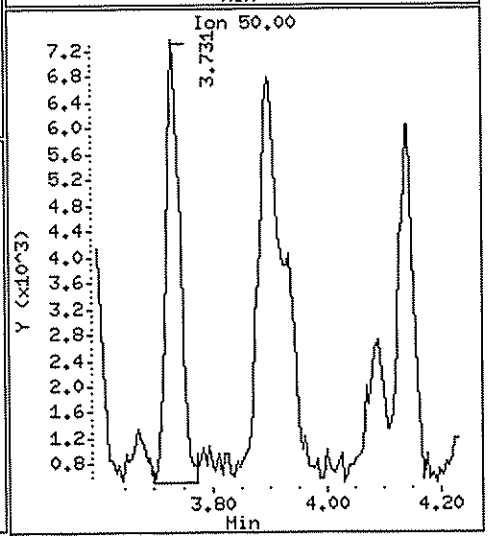


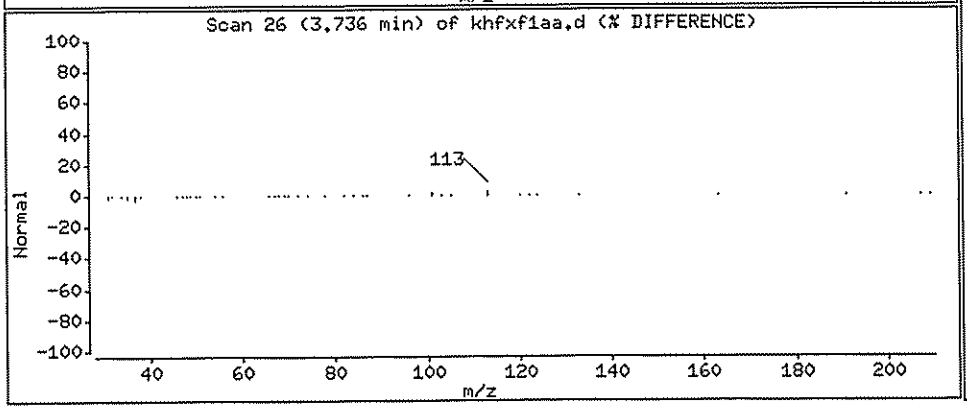












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

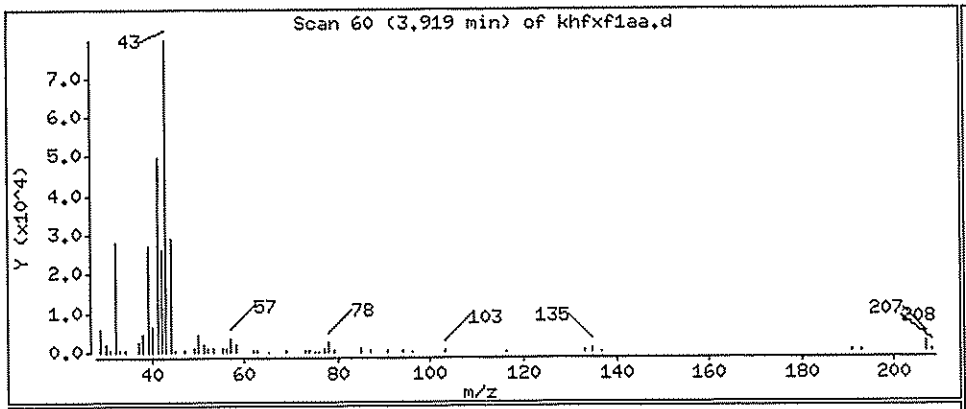
Operator: 7126

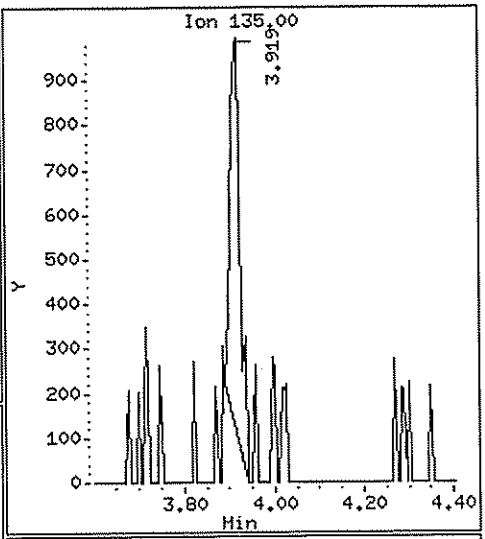
Column phase: HP-5

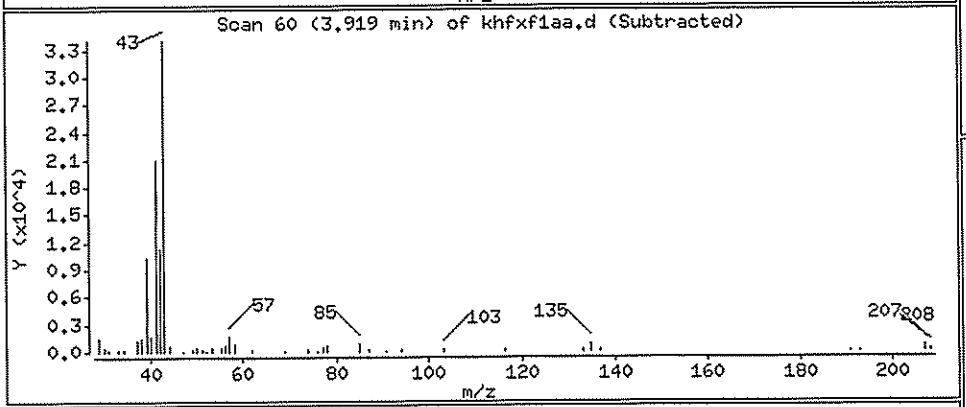
Column diameter: 0.32

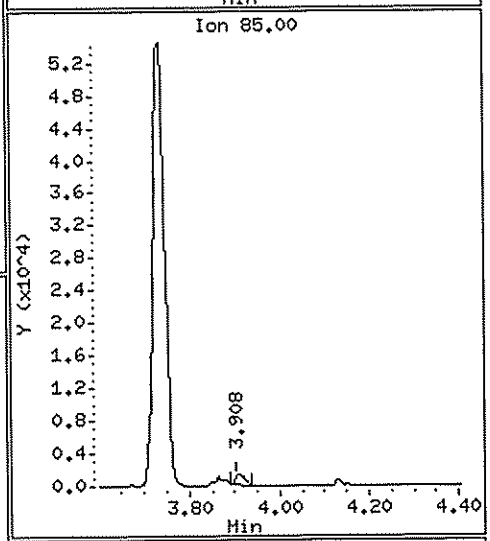
11 1,2-Dichlorotetrafluoroethane

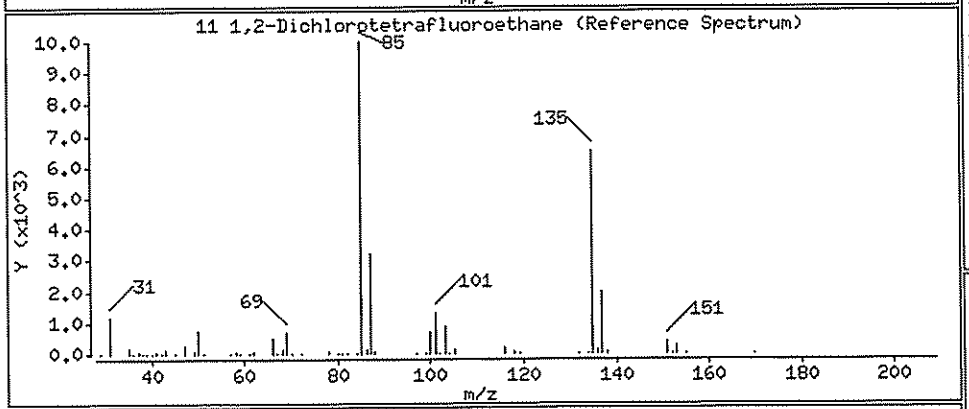
Concentration: 0.01688 ppb(v/v)

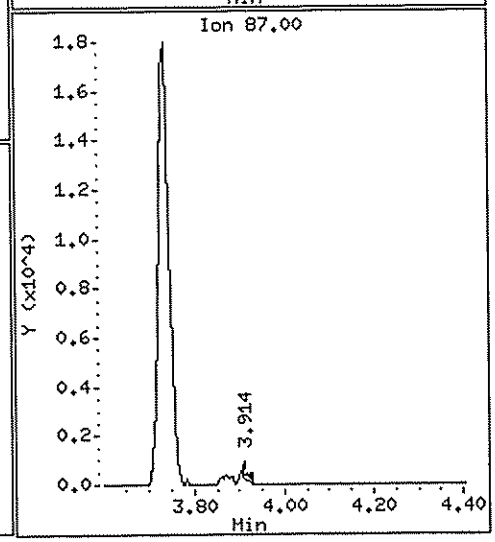


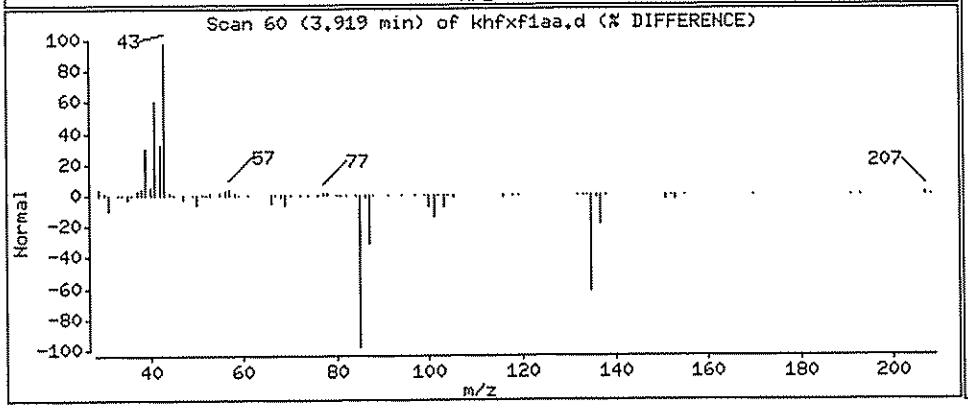












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

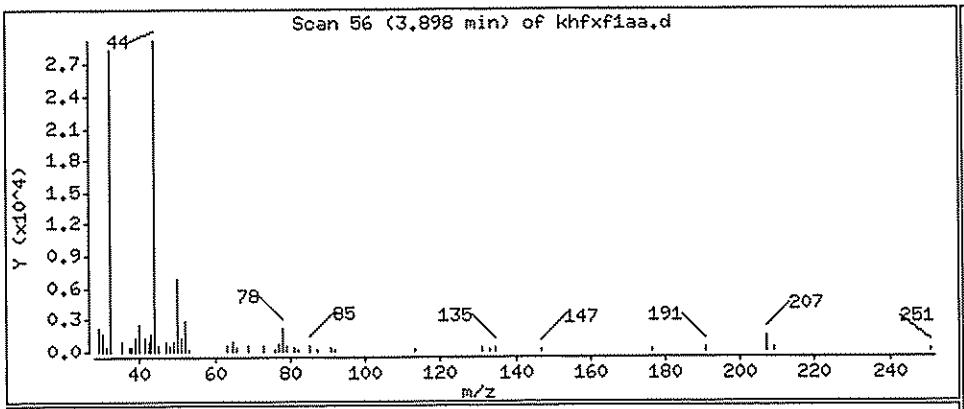
Operator: 7126

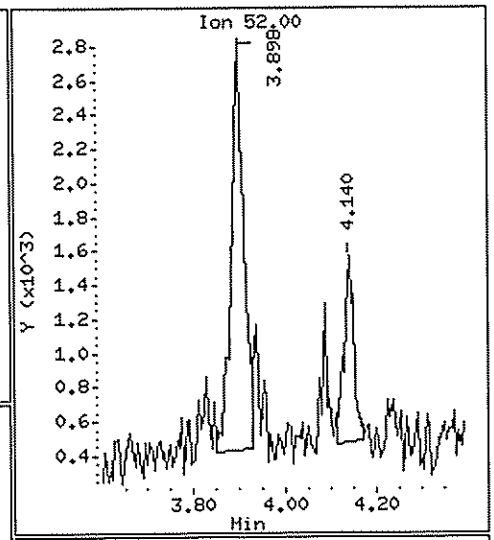
Column phase: HP-5

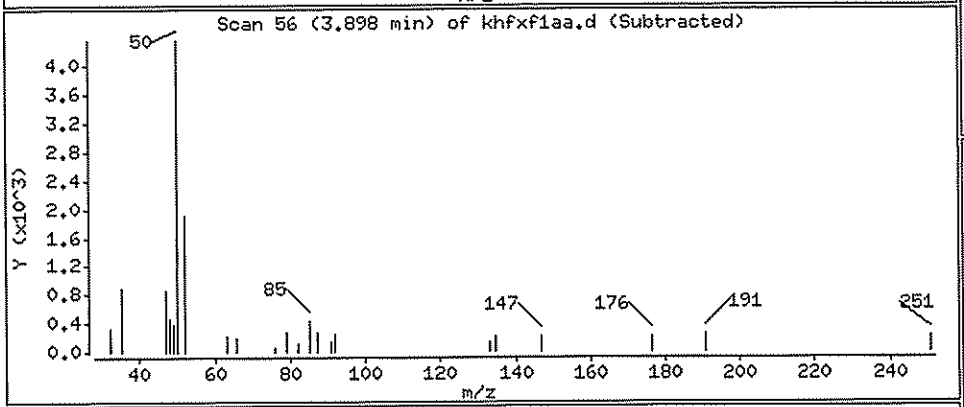
Column diameter: 0.32

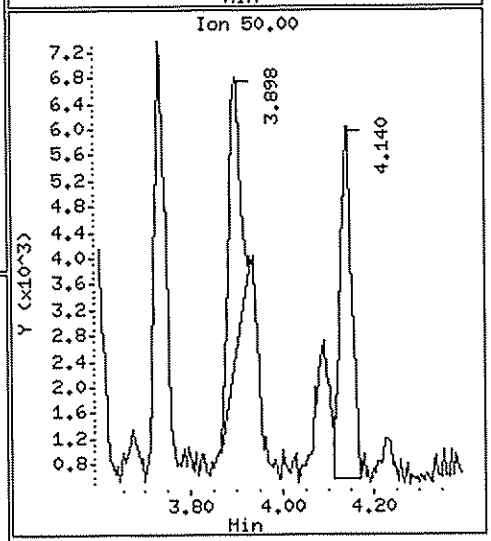
10 Chloromethane

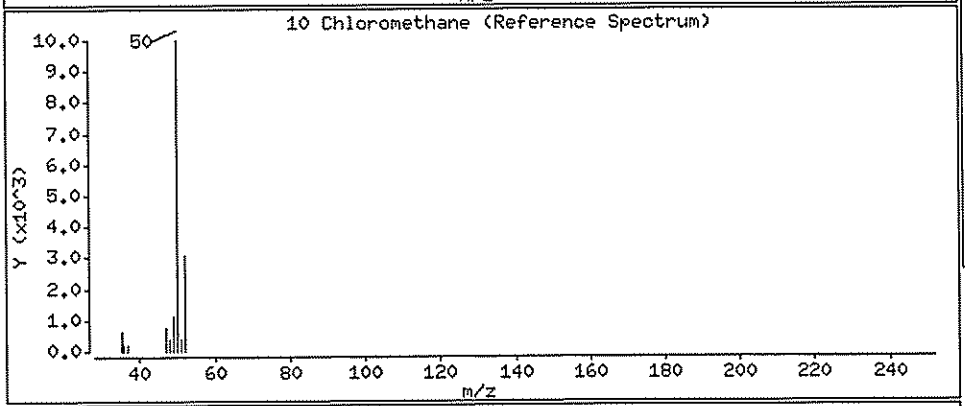
Concentration: 0.4373 ppb(v/v)

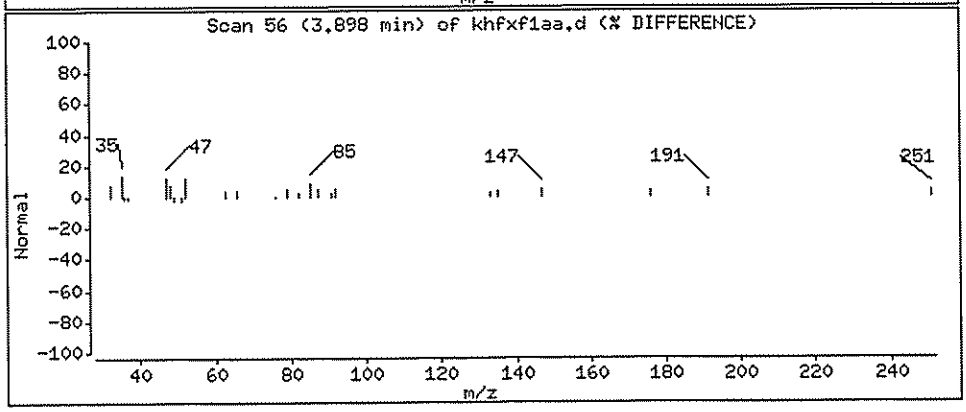












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

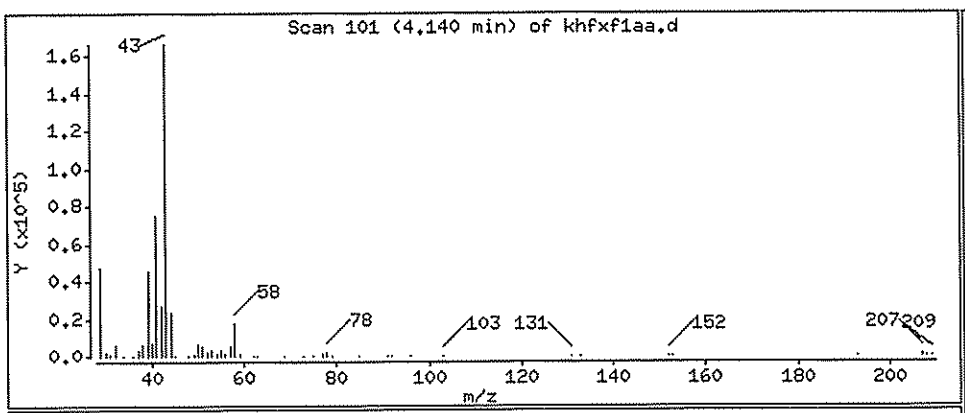
Operator: 7126

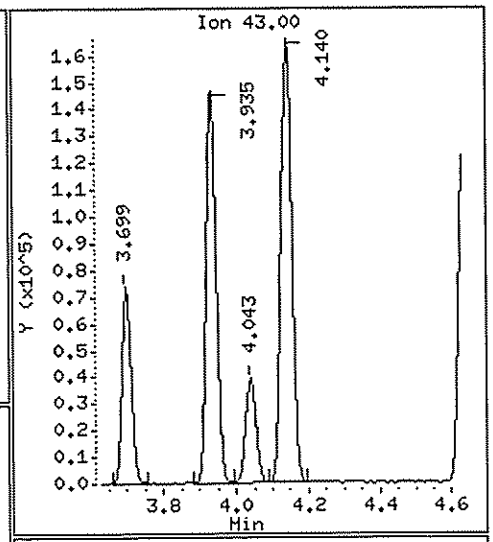
Column phase: HP-5

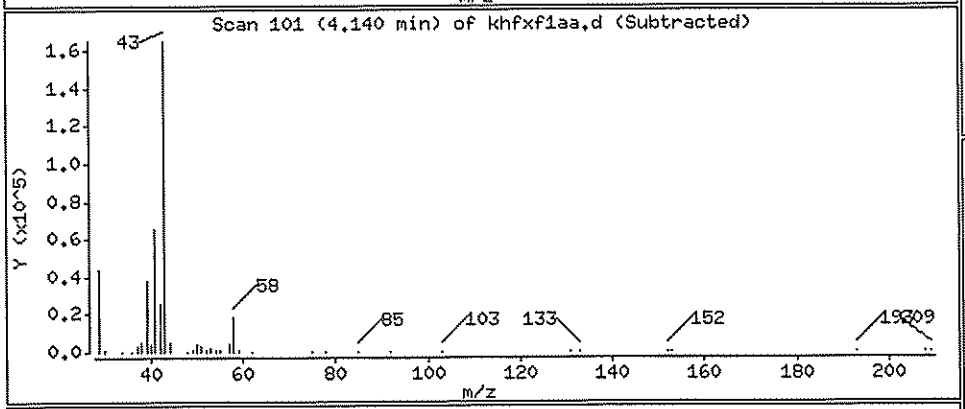
Column diameter: 0.32

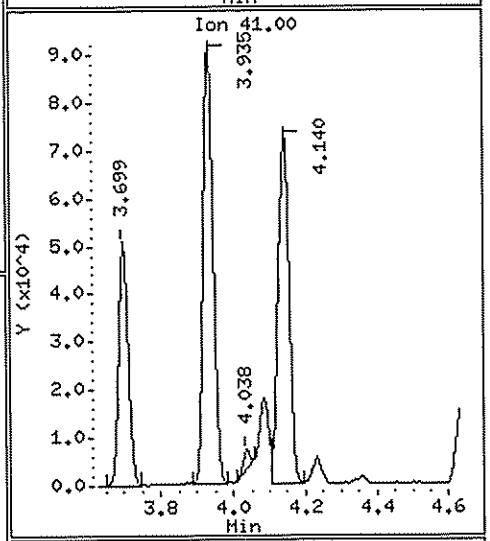
14 n-Butane

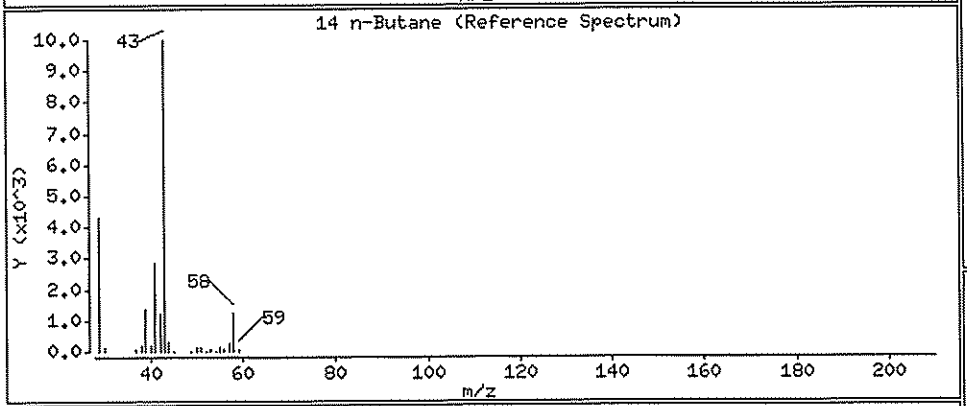
Concentration: 6.502 ppb(v/v)

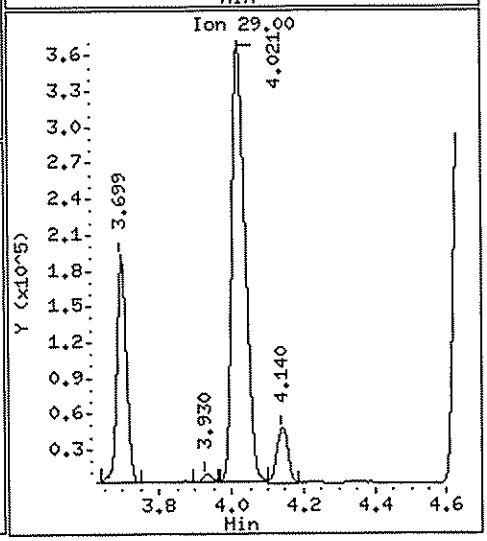


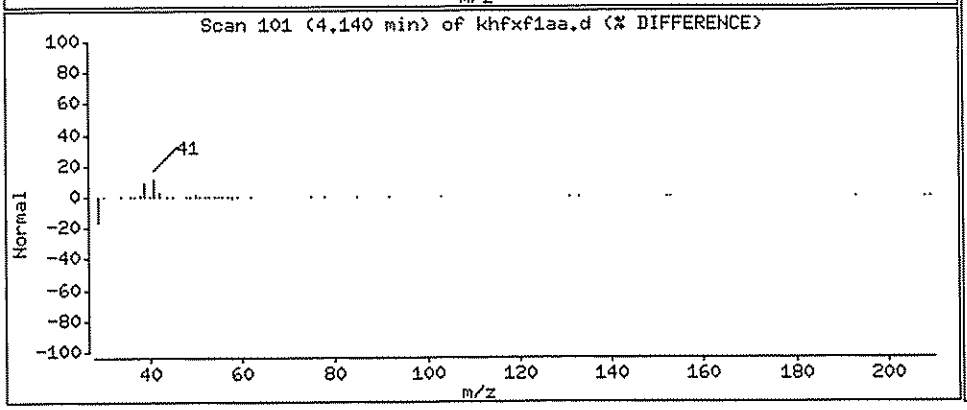












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

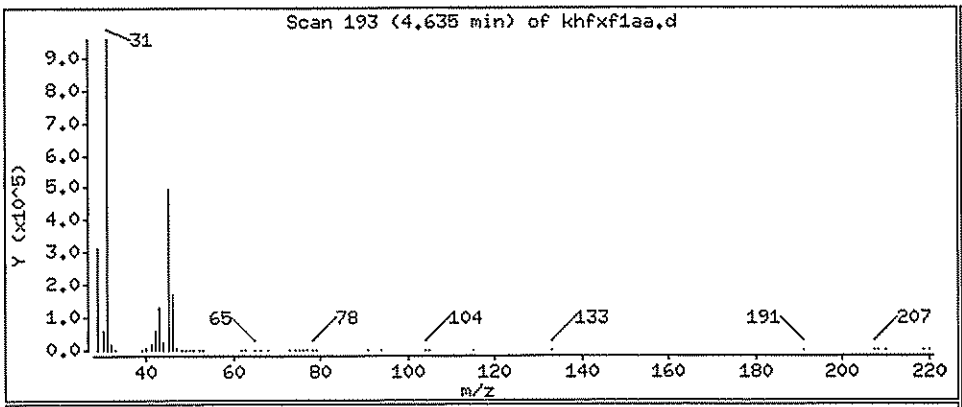
Operator: 7126

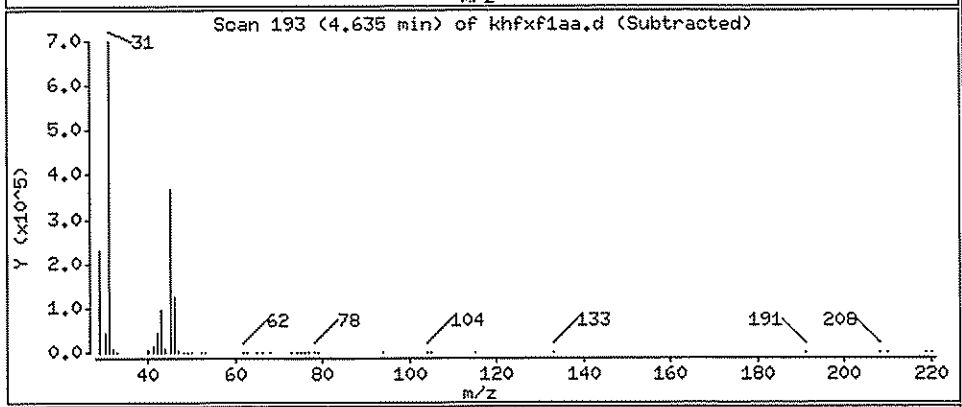
Column phase: HP-5

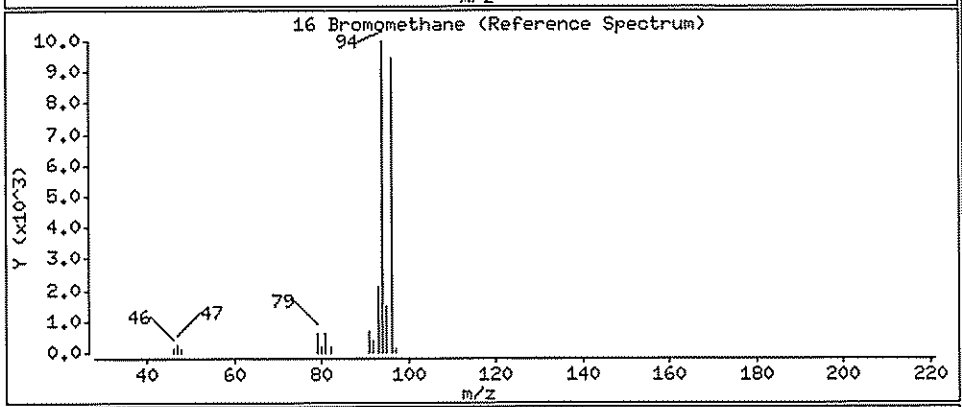
Column diameter: 0.32

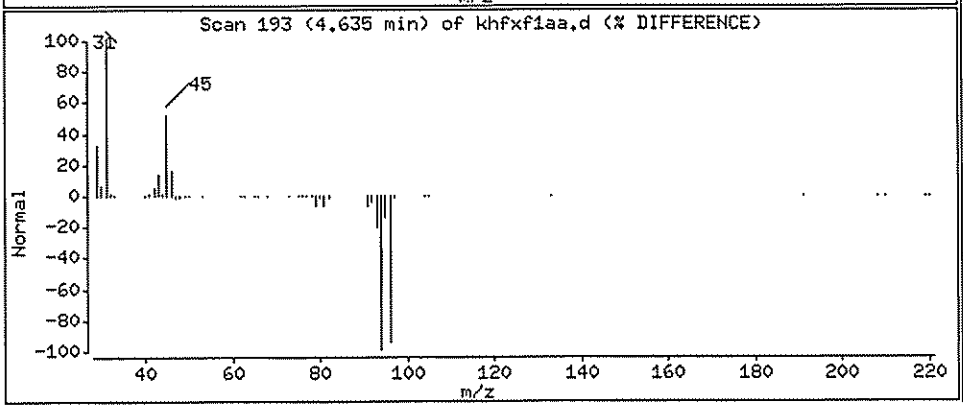
16 Bromomethane

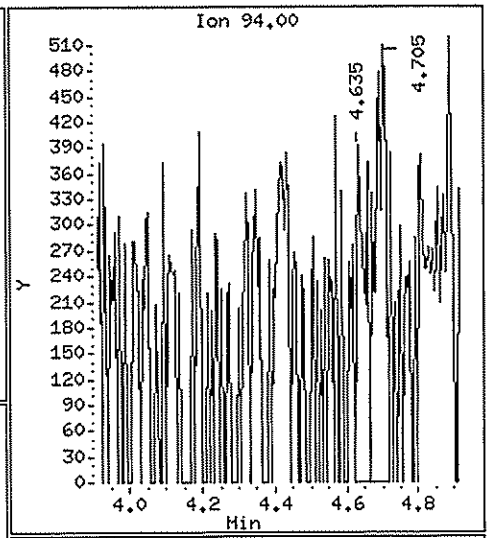
Concentration: 0.01541 ppb(v/v)

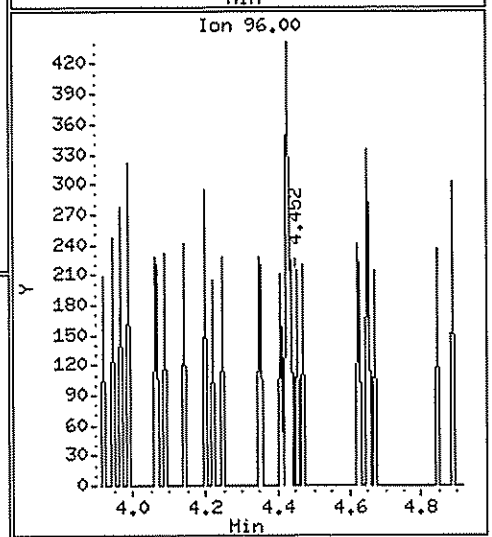


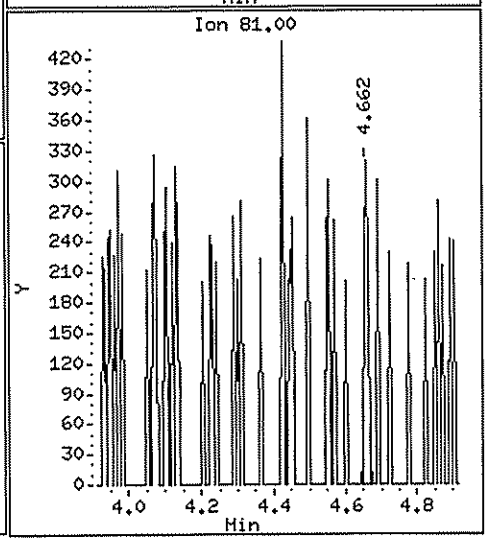












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

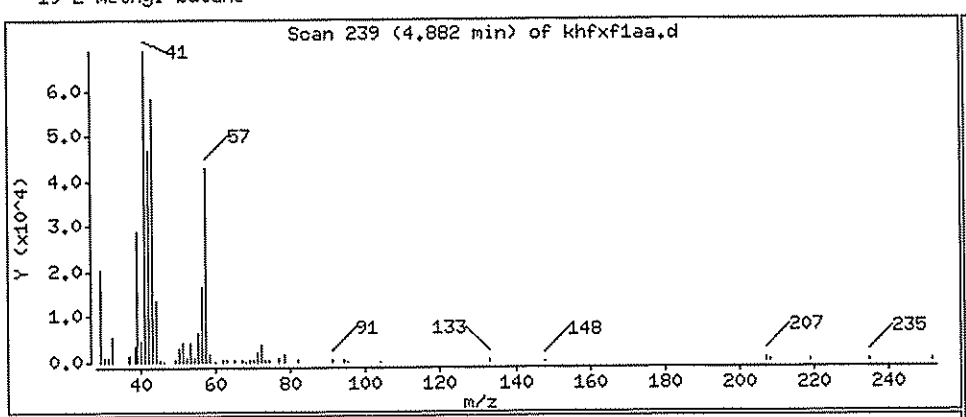
Operator: 7126

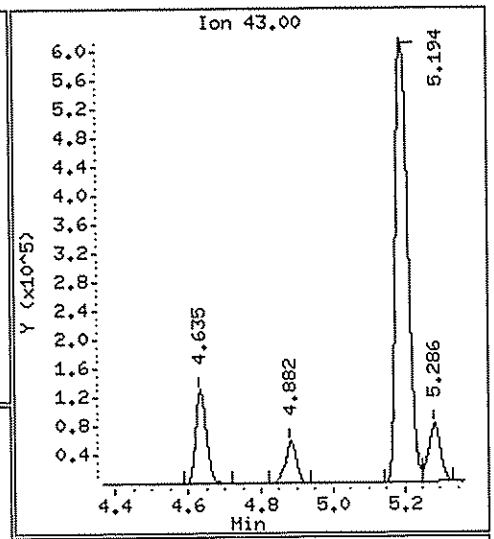
Column phase: HP-5

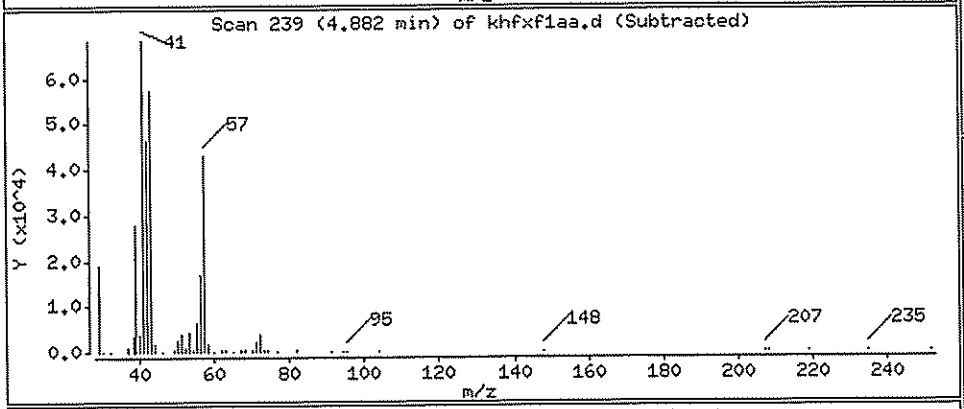
Column diameter: 0.32

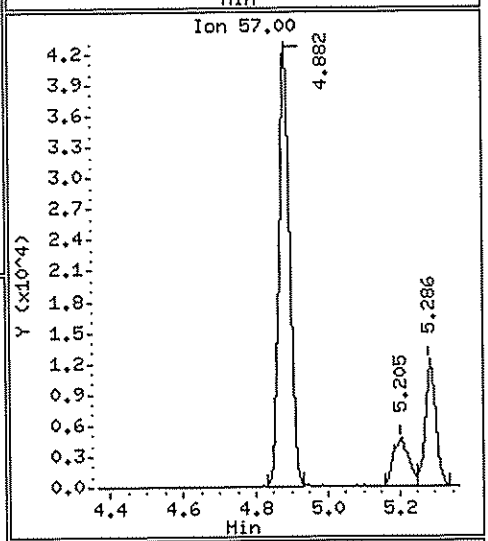
19 2-methyl butane

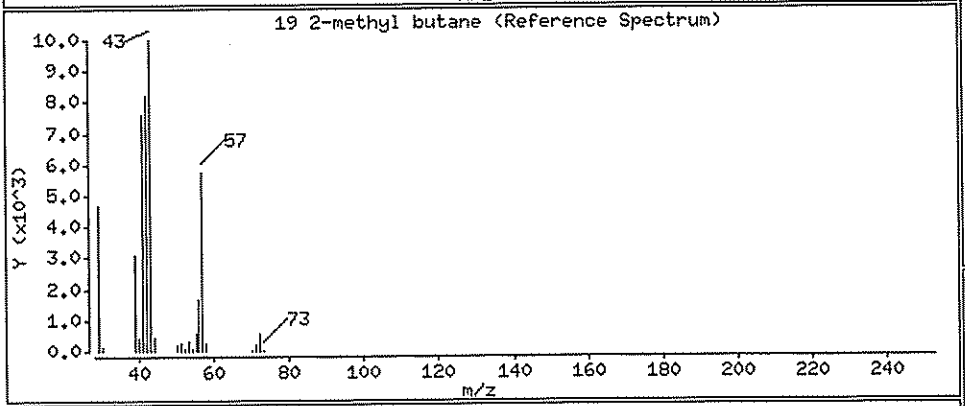
Concentration: 3.422 ppb(v/v)

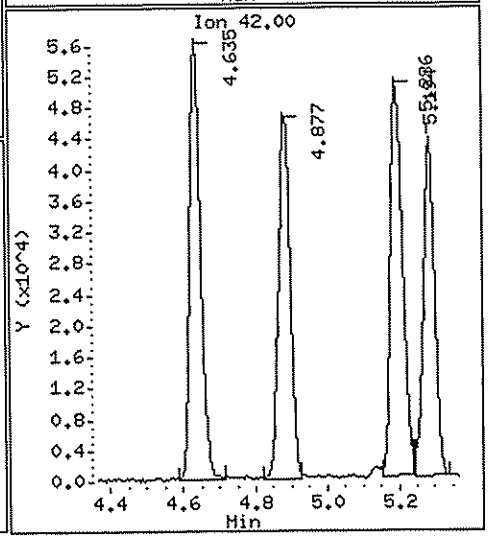


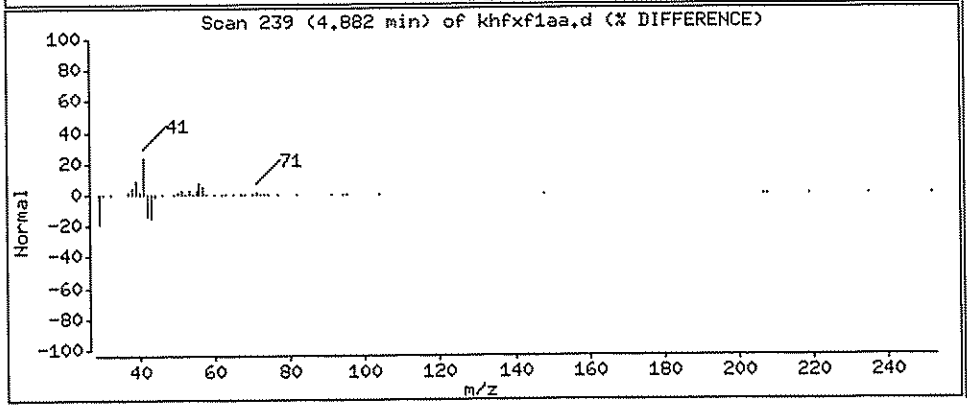












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

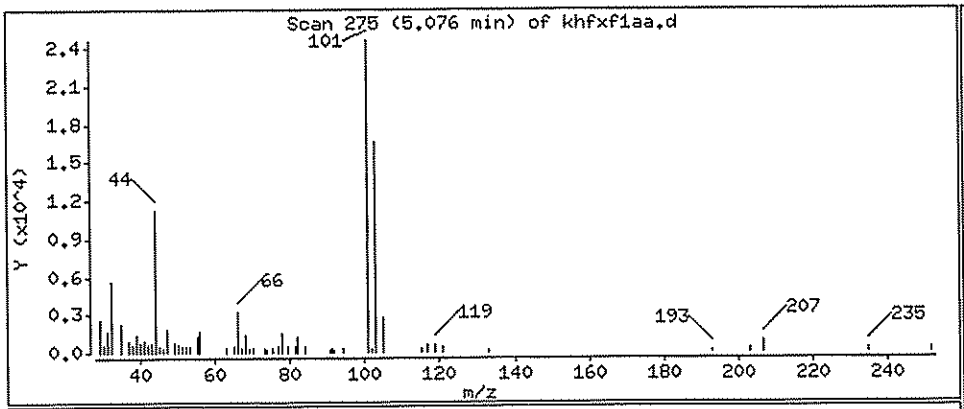
Operator: 7126

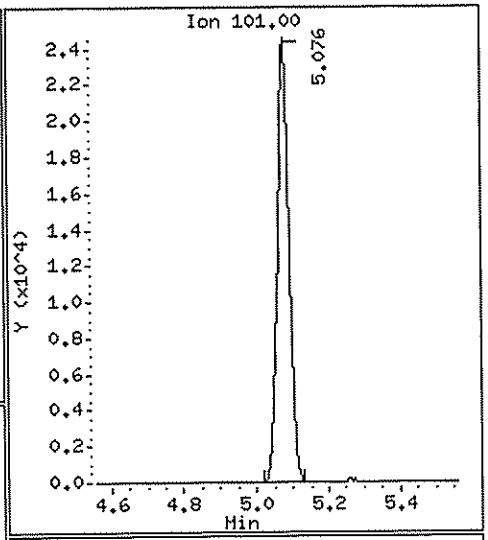
Column phase: HP-5

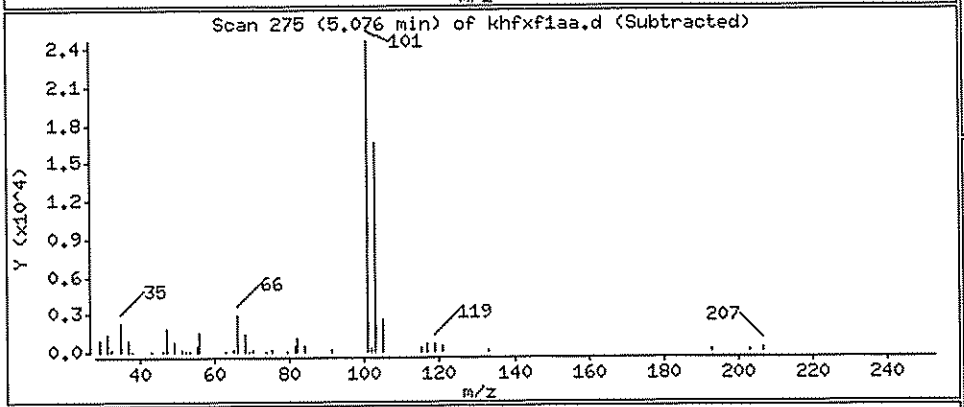
Column diameter: 0.32

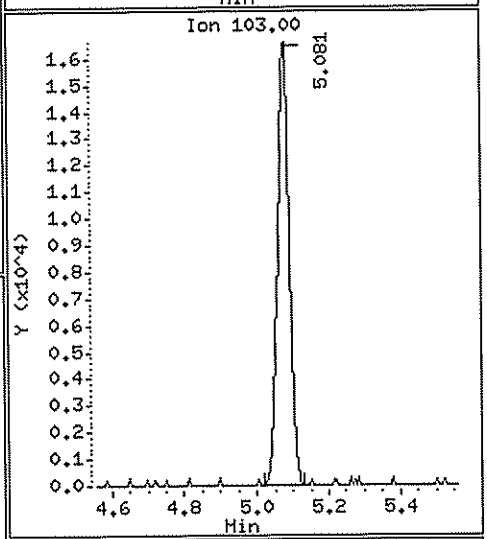
20 Trichlorofluoromethane

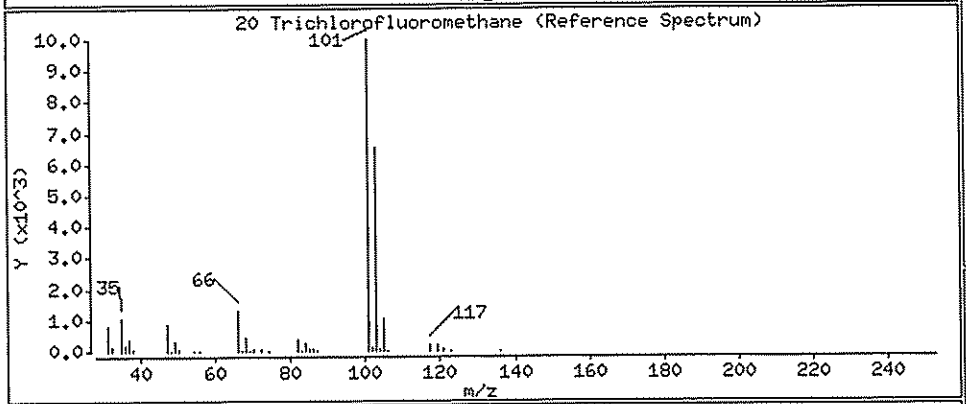
Concentration: 0.3122 ppb(v/v)

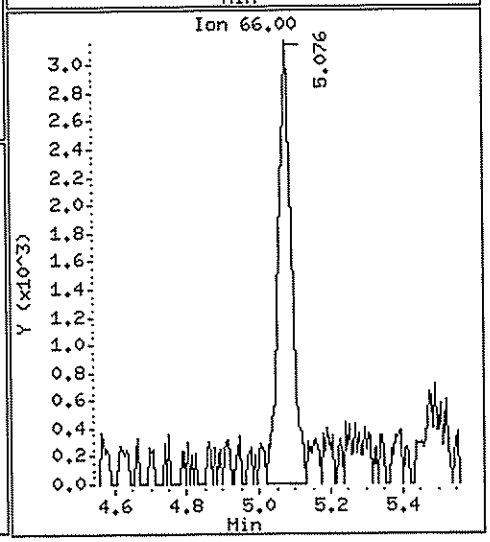


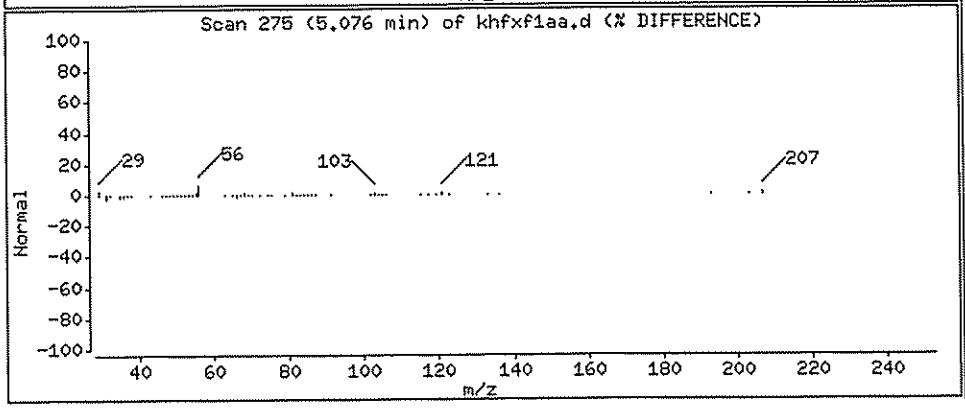












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

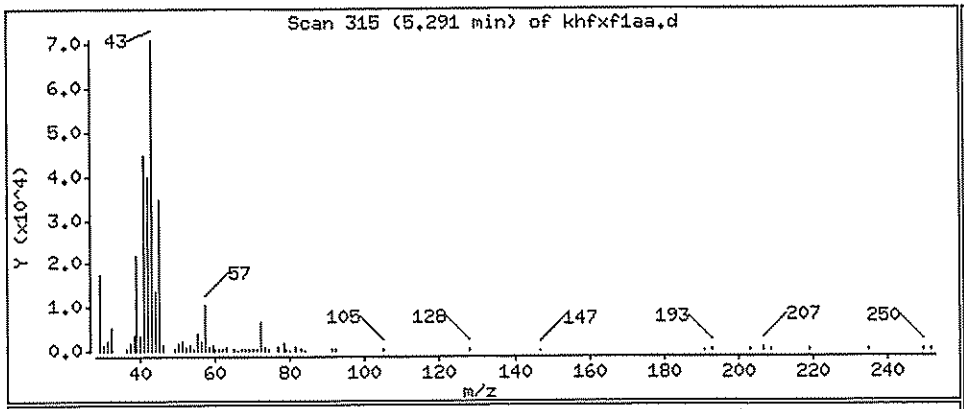
Operator: 7126

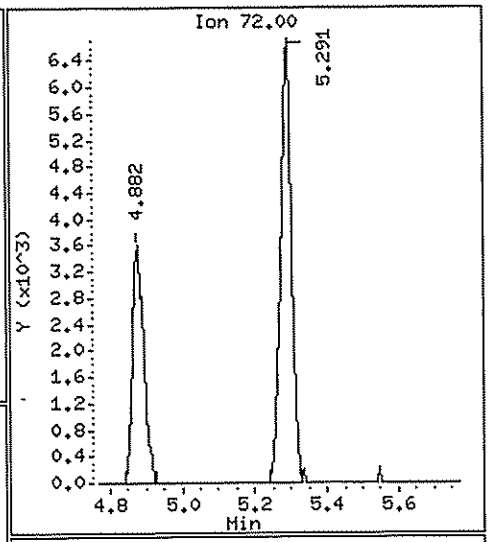
Column phase: HP-5

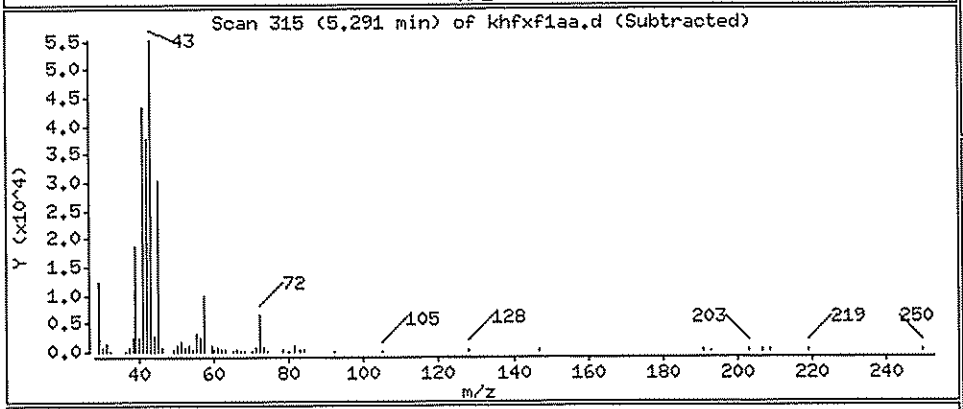
Column diameter: 0.32

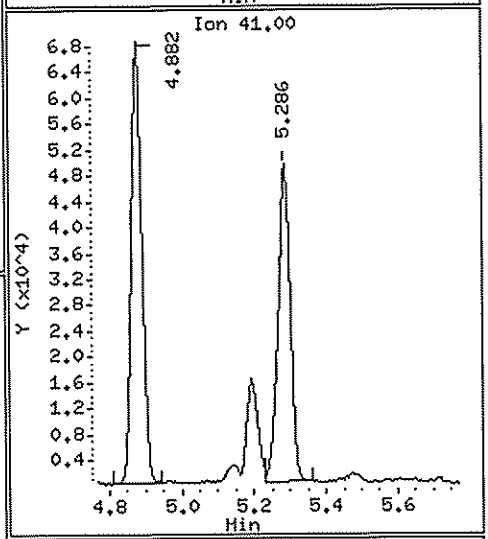
24 Pentane

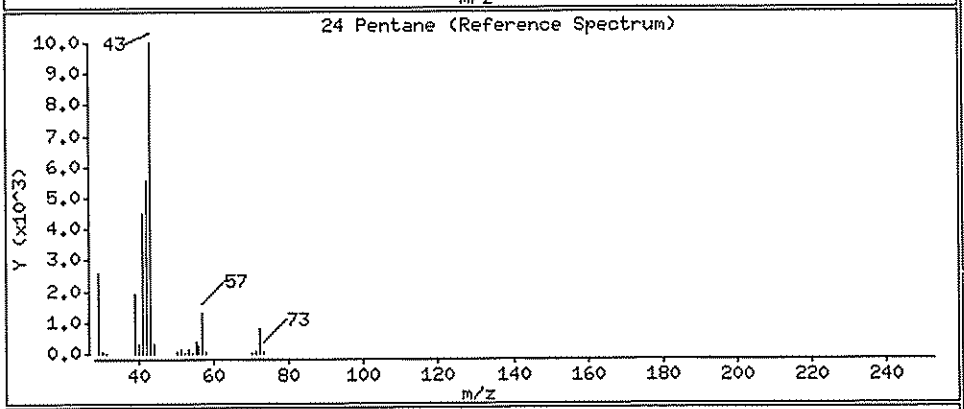
Concentration: 2.654 ppb(v/v)

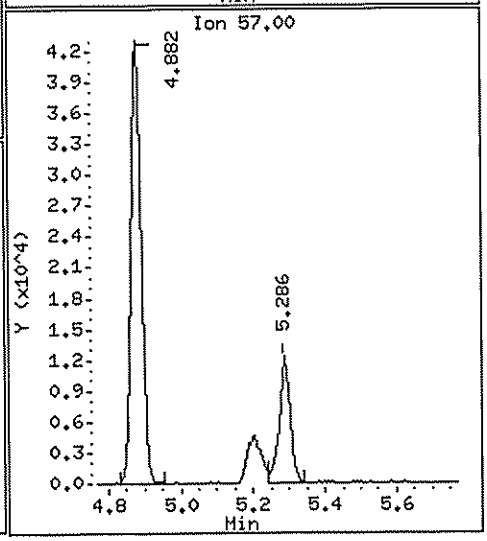


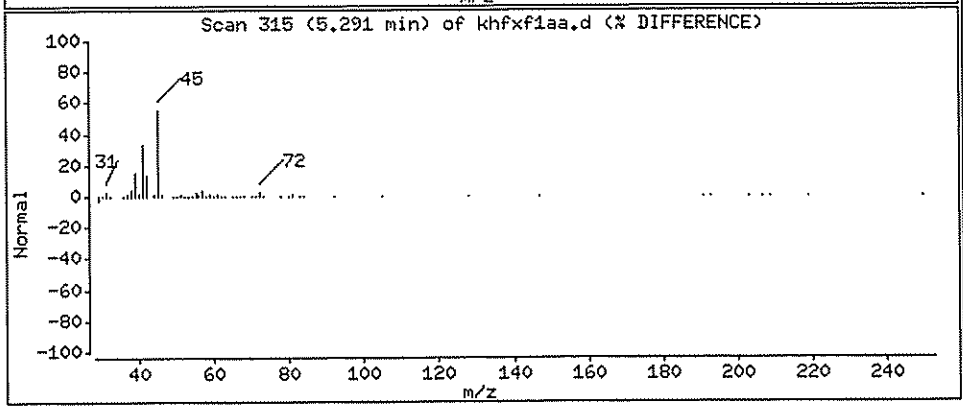












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

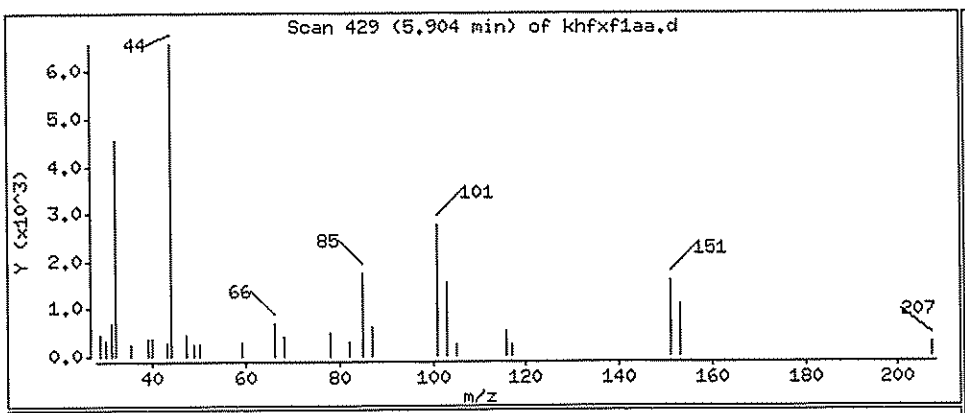
Operator: 7126

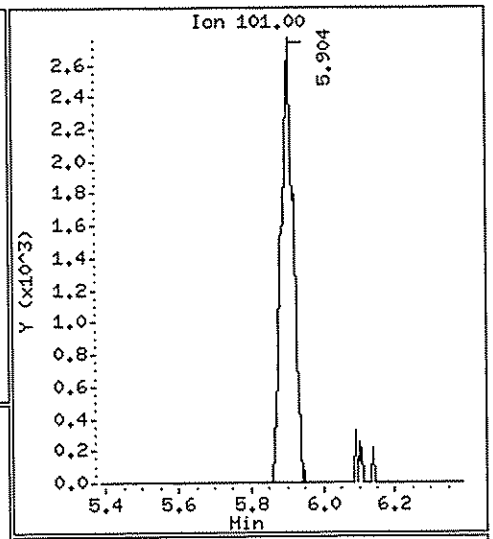
Column phase: HP-5

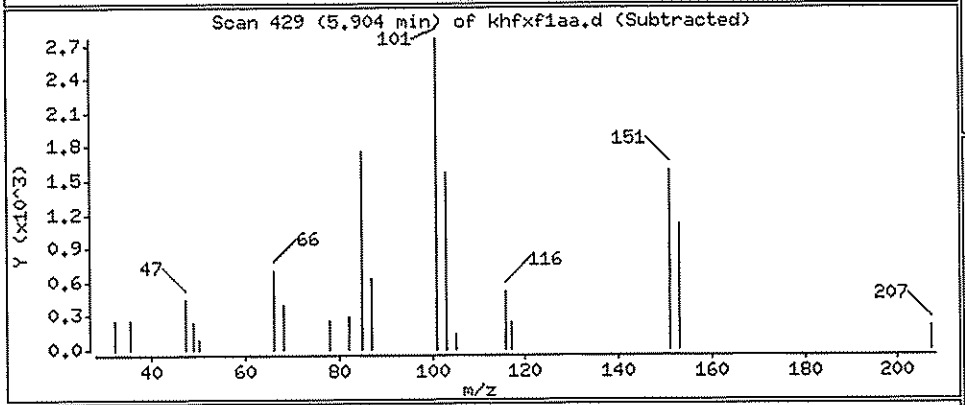
Column diameter: 0.32

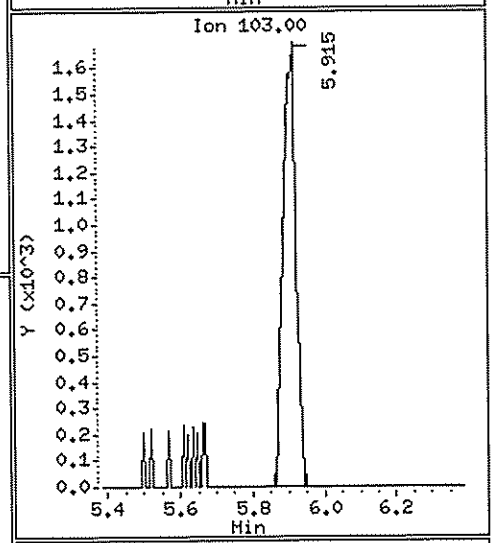
30 1,1,2-Trichlorotrifluoroethane

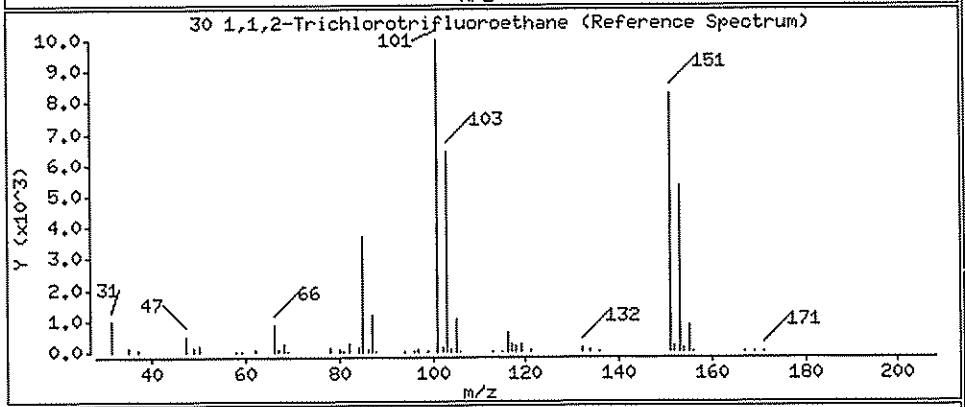
Concentration: 0.09178 ppb(v/v)

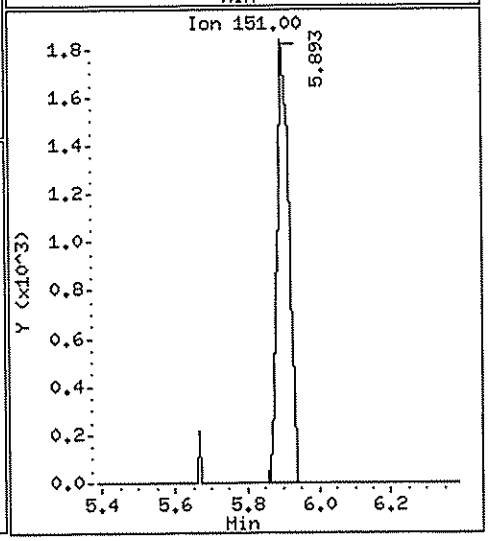


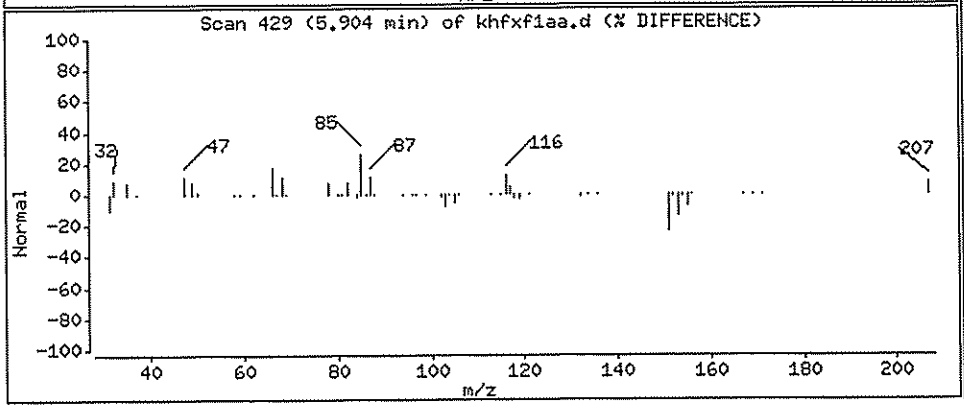












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

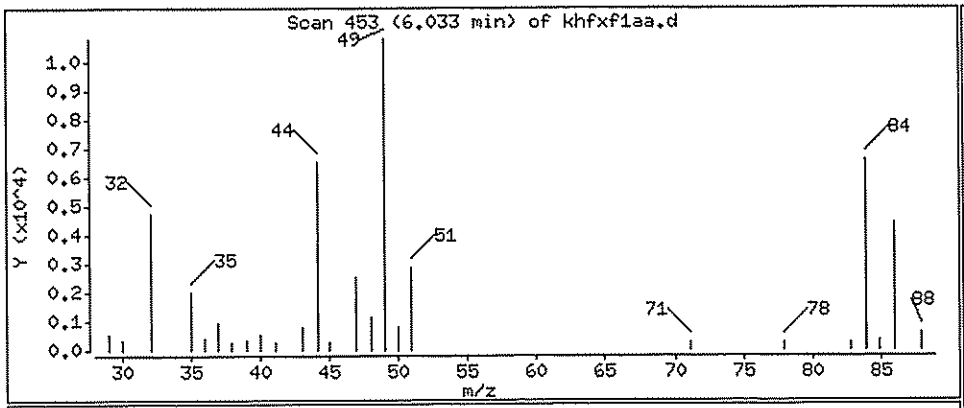
Operator: 7126

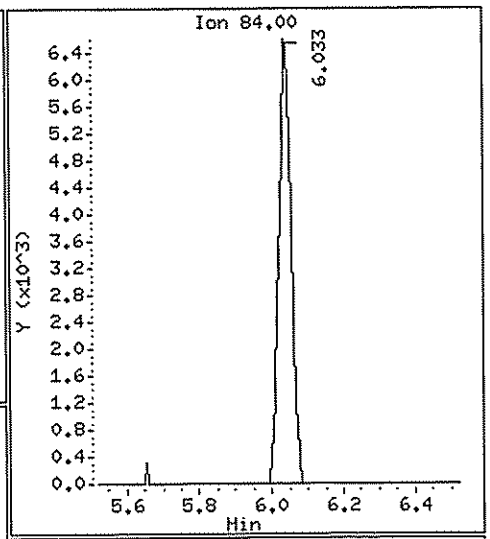
Column phase: HP-5

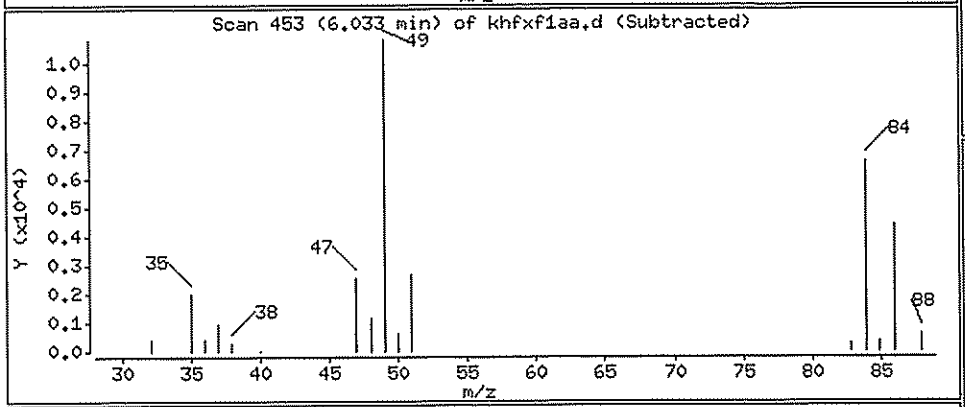
Column diameter: 0.32

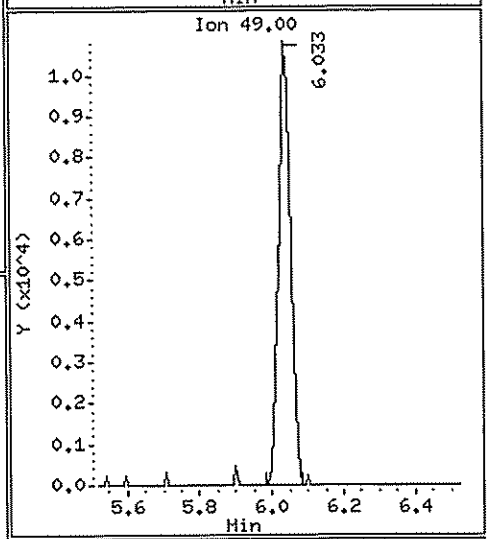
31 Methylene Chloride

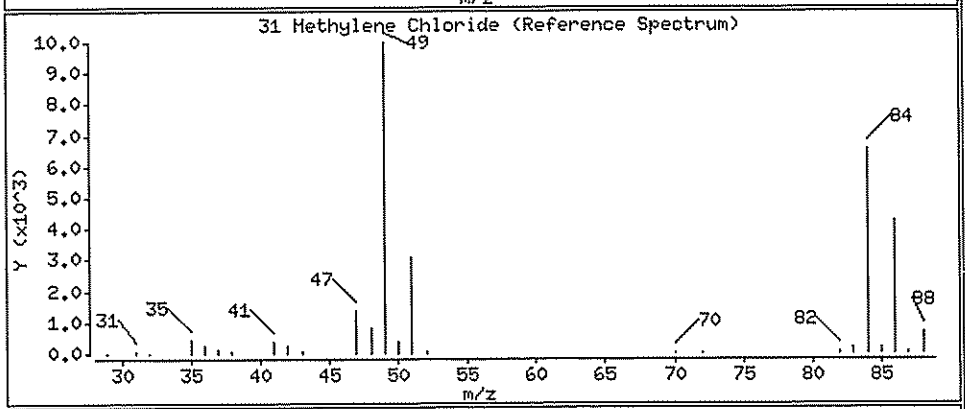
Concentration: 0.6088 ppb(v/v)

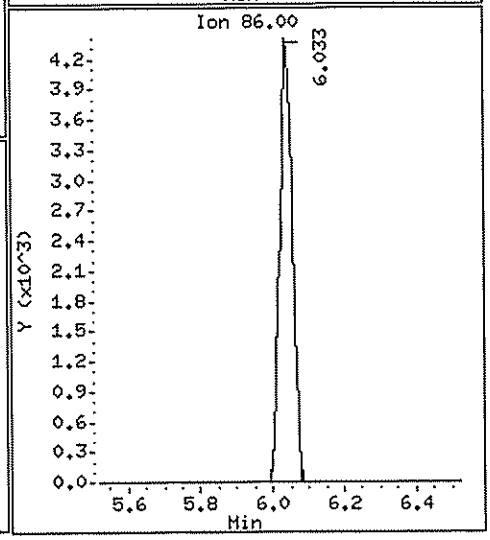


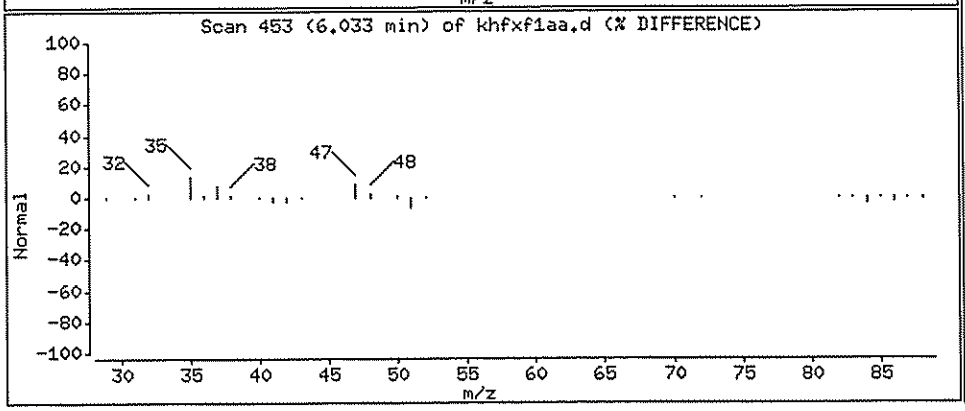












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

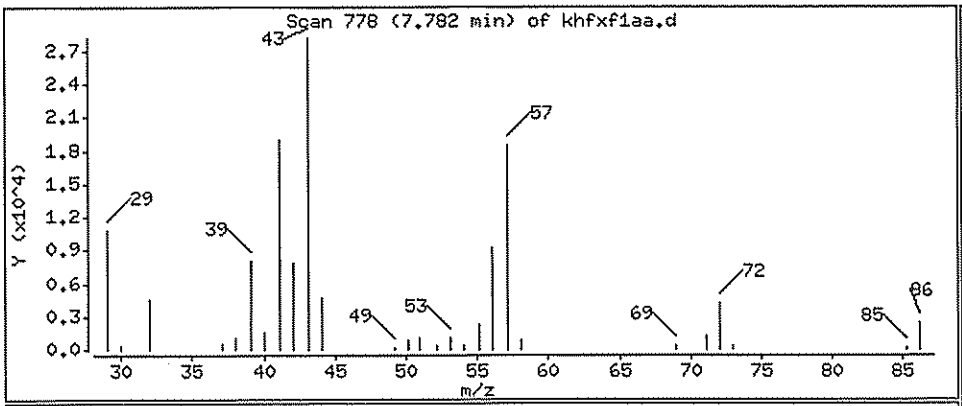
Operator: 7126

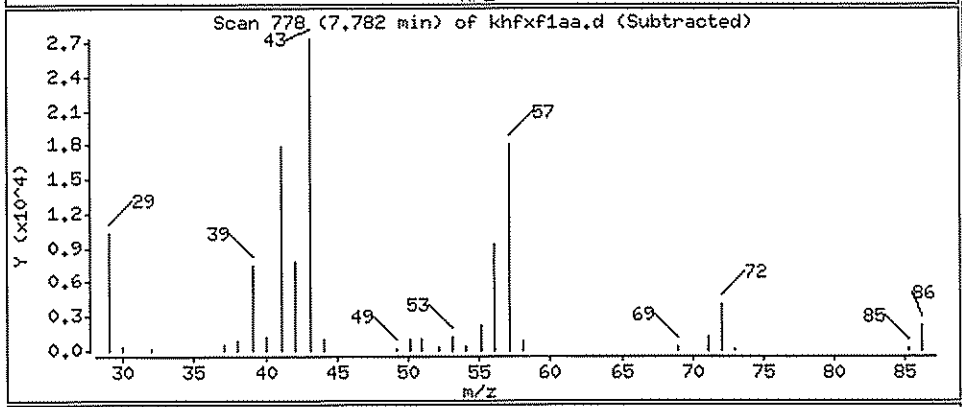
Column phase: HP-5

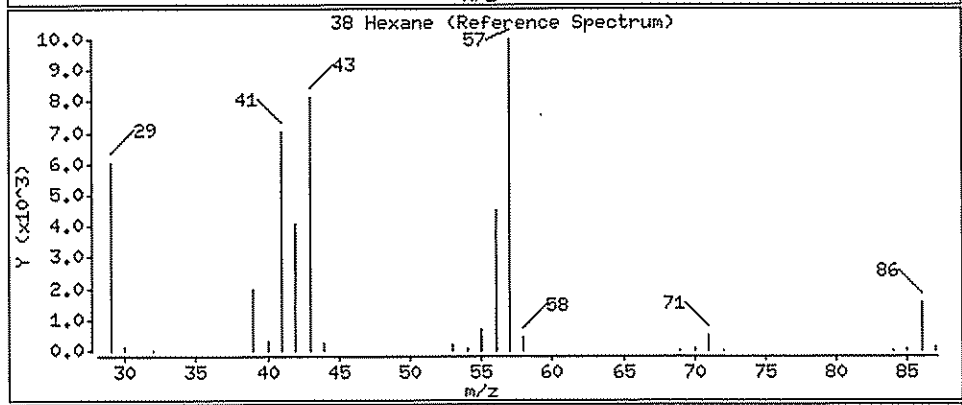
Column diameter: 0.32

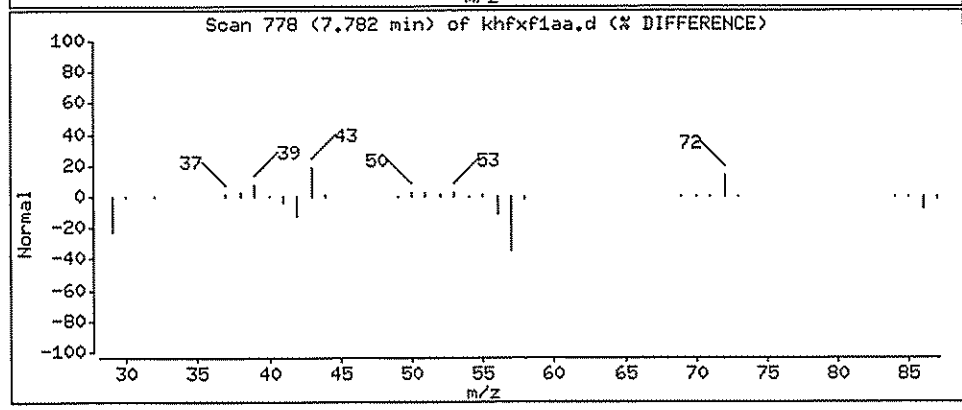
38 Hexane

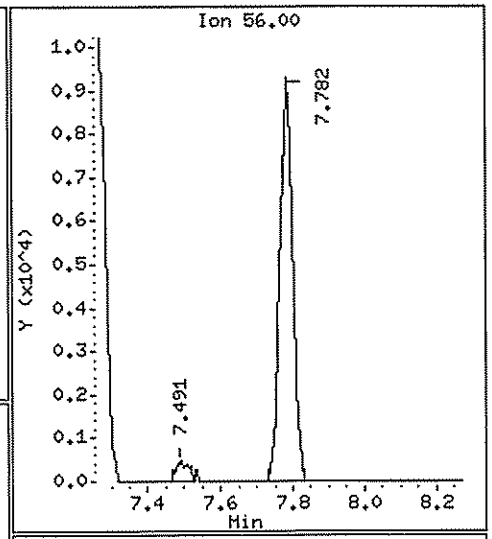
Concentration: 0.9392 ppb(v/v)

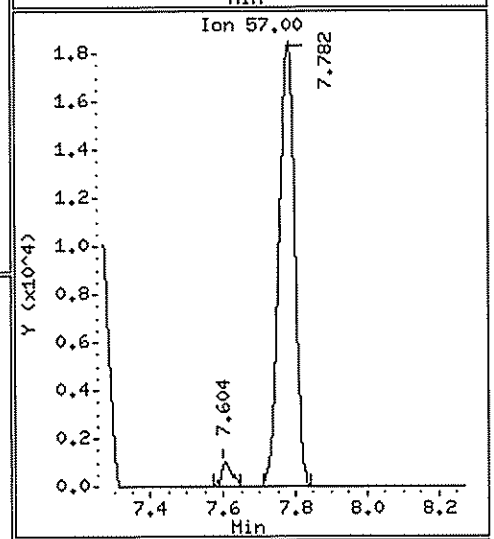


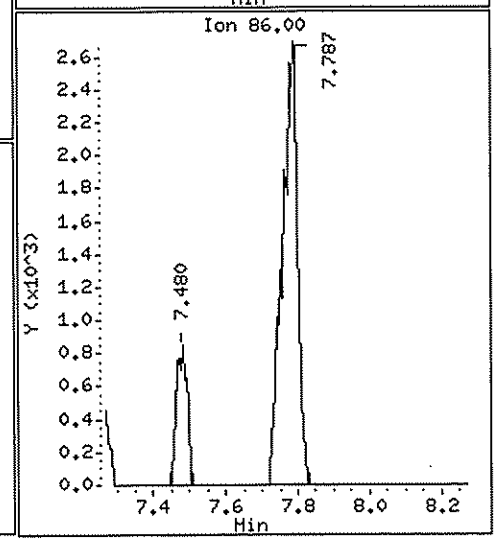












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

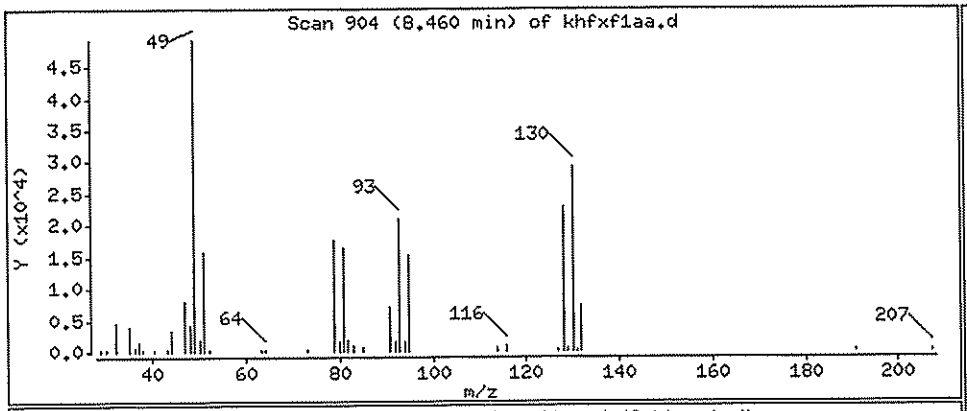
Operator: 7126

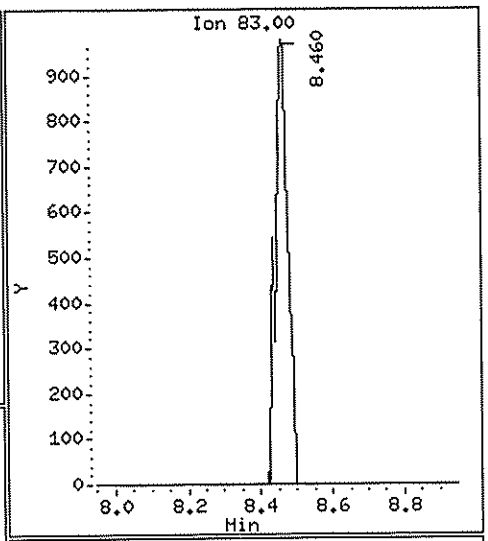
Column phase: HP-5

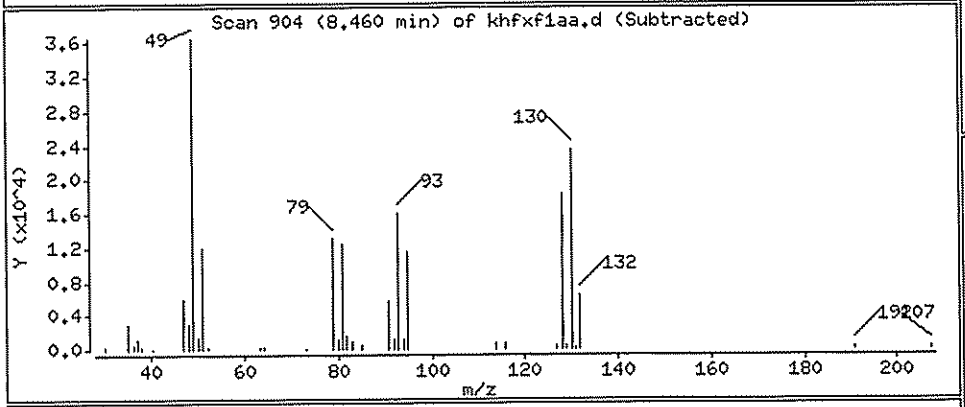
Column diameter: 0.32

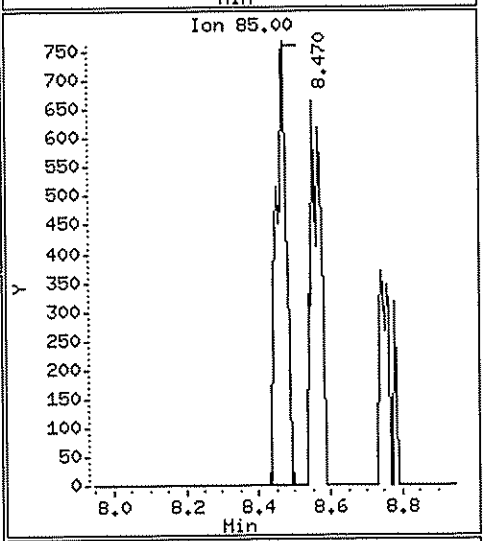
42 Chloroform

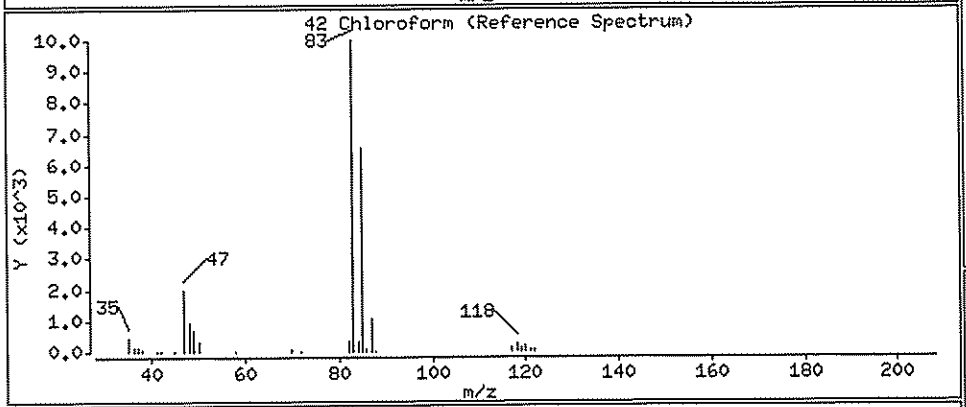
Concentration: 0.02854 ppb(v/v)

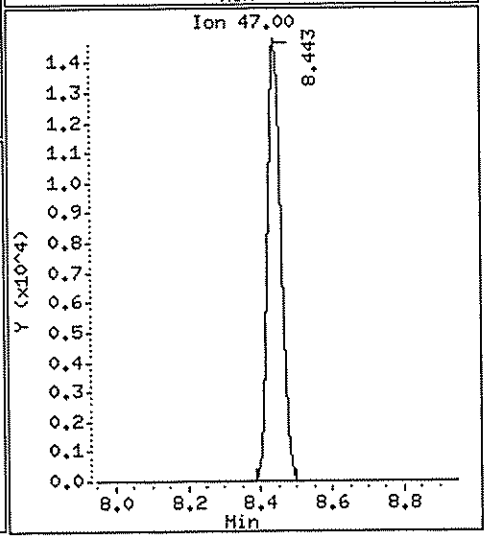


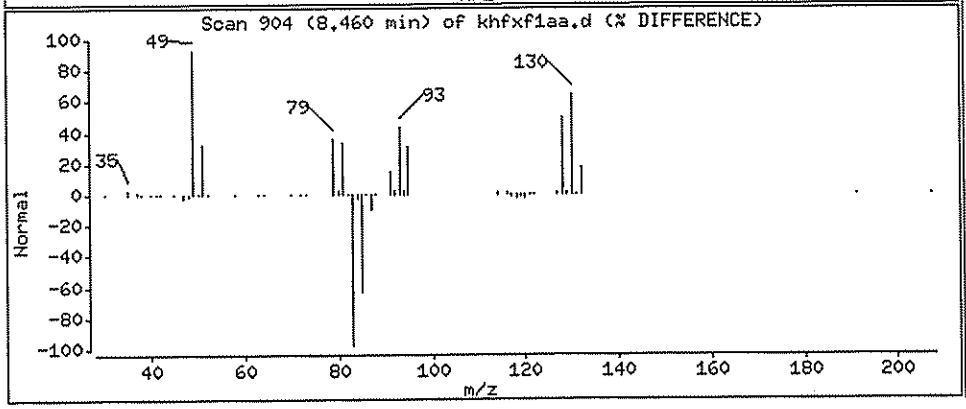












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

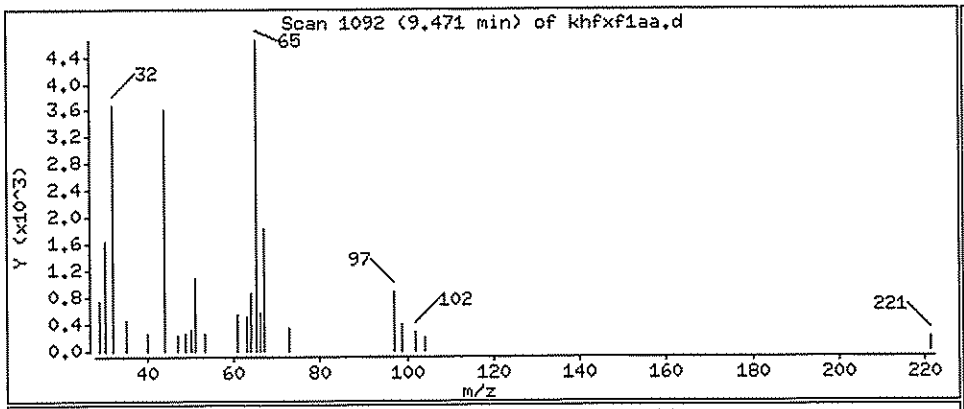
Operator: 7126

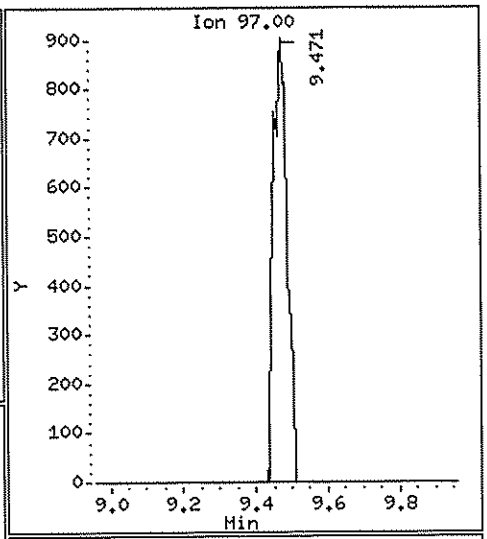
Column phase: HP-5

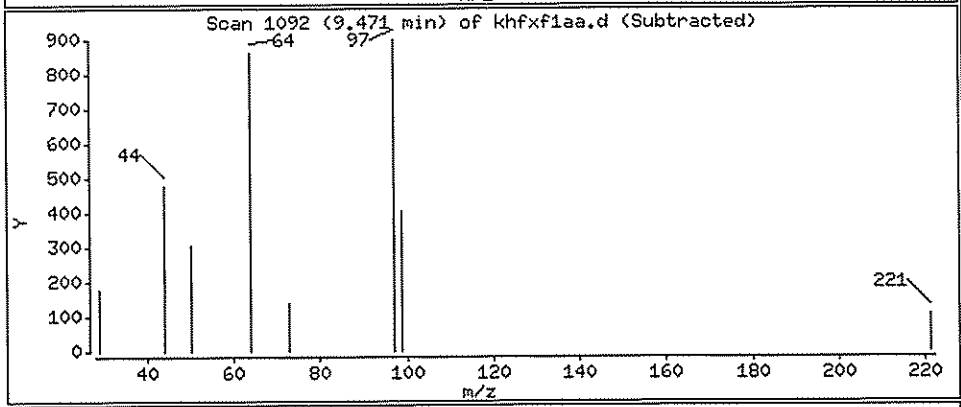
Column diameter: 0.32

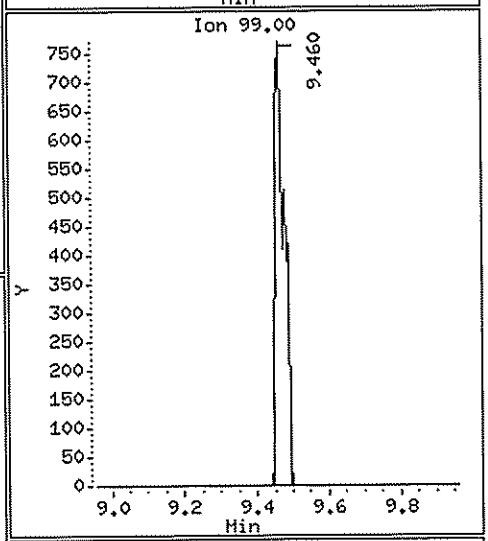
44 1,1,1-Trichloroethane

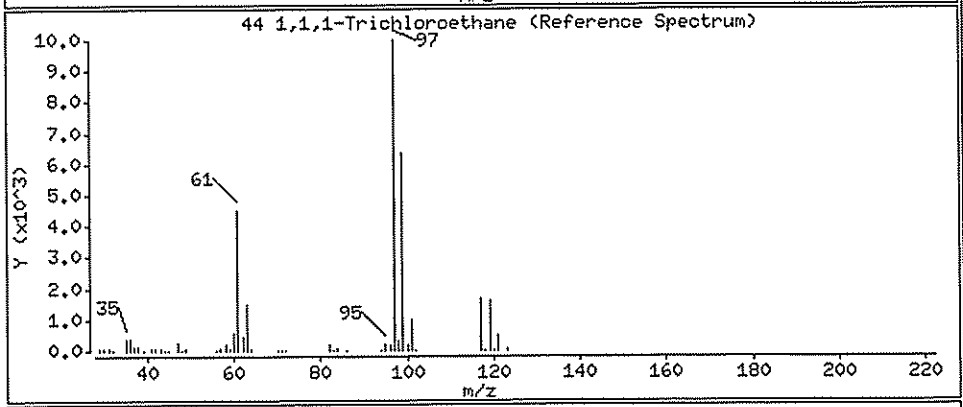
Concentration: 0.02250 ppb(v/v)

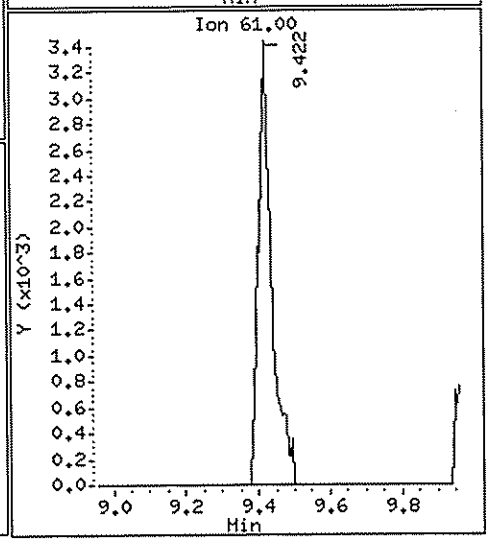


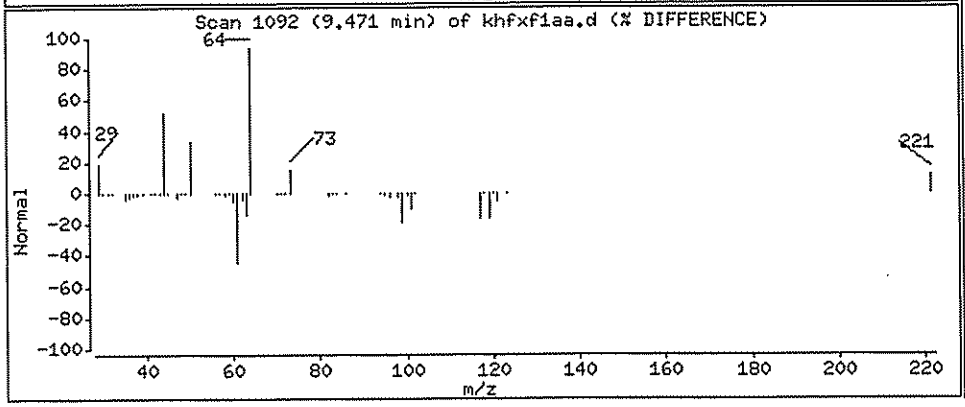












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

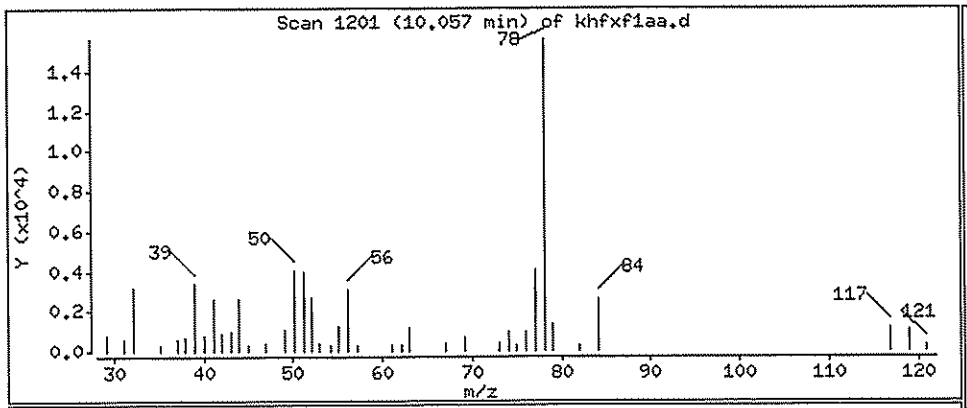
Operator: 7126

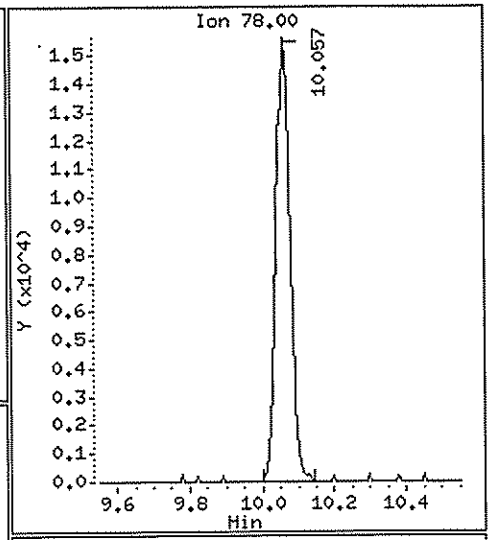
Column phase: HP-5

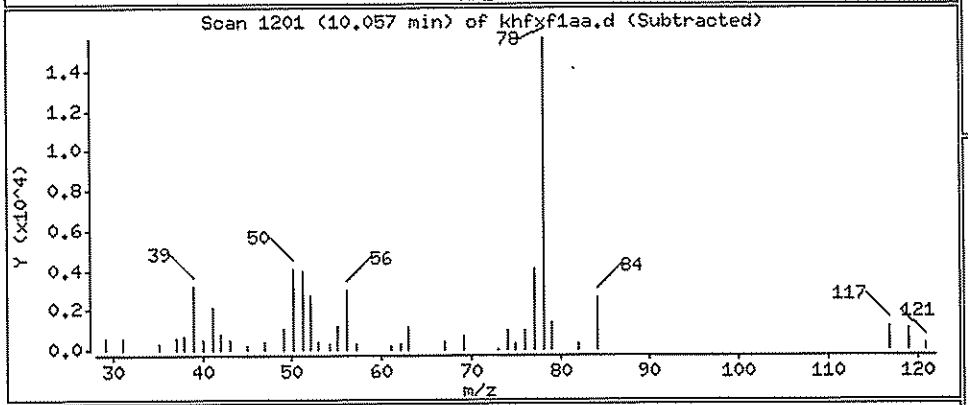
Column diameter: 0.32

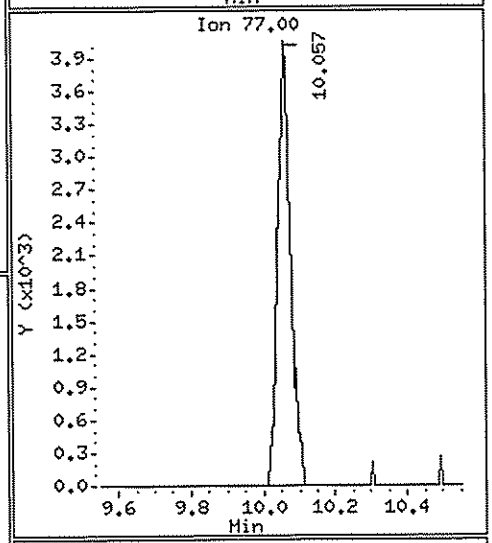
46 Benzene

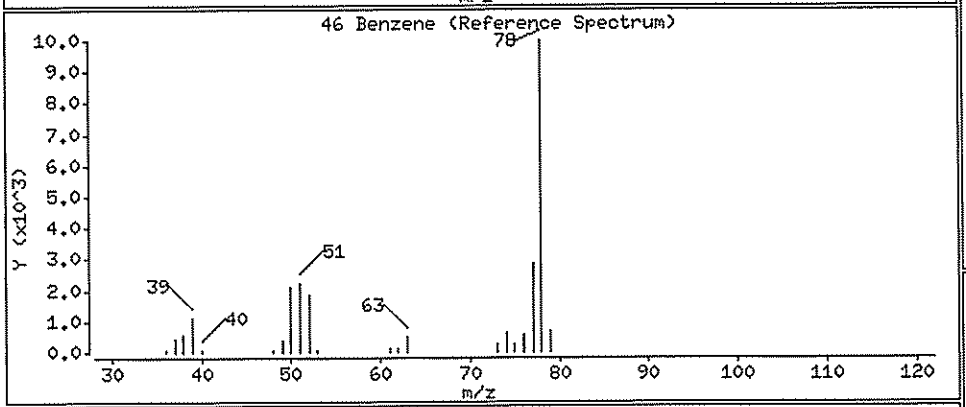
Concentration: 0.5435 ppb(v/v)

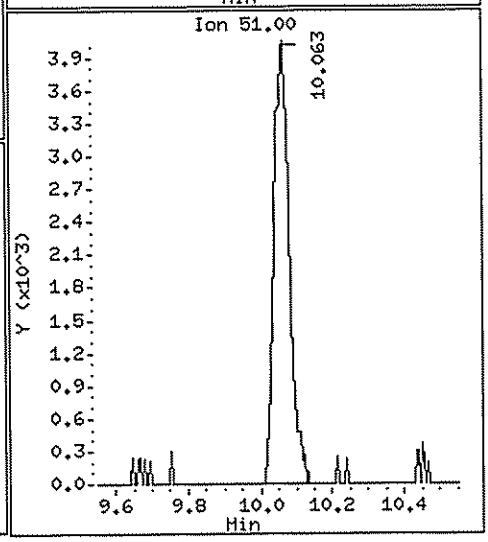


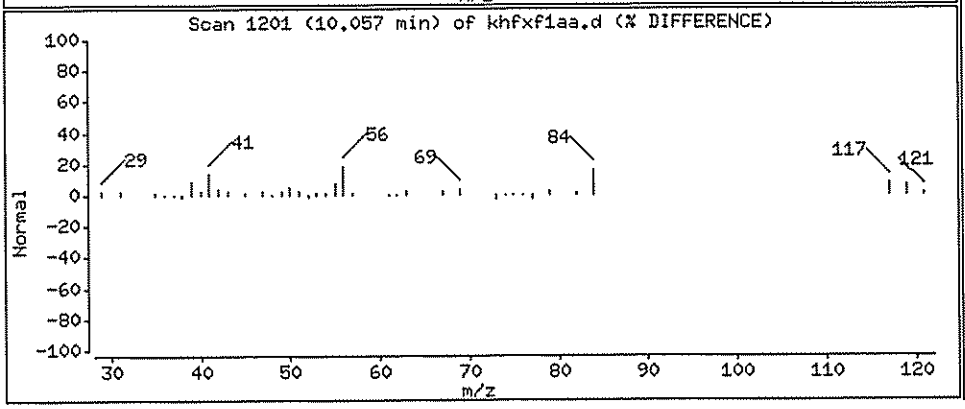












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

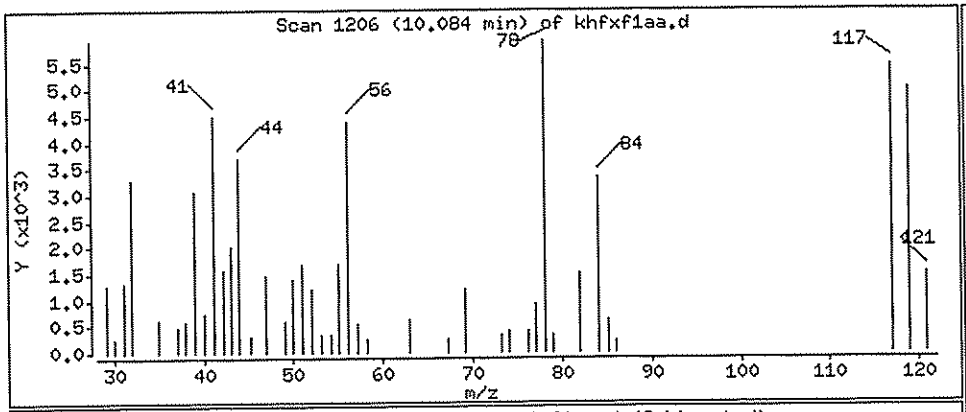
Operator: 7126

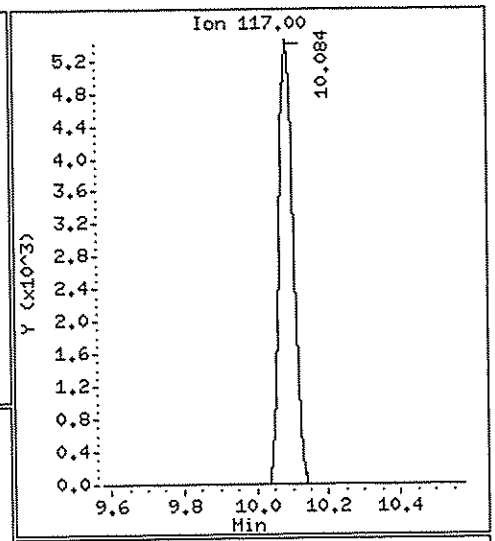
Column phase: HP-5

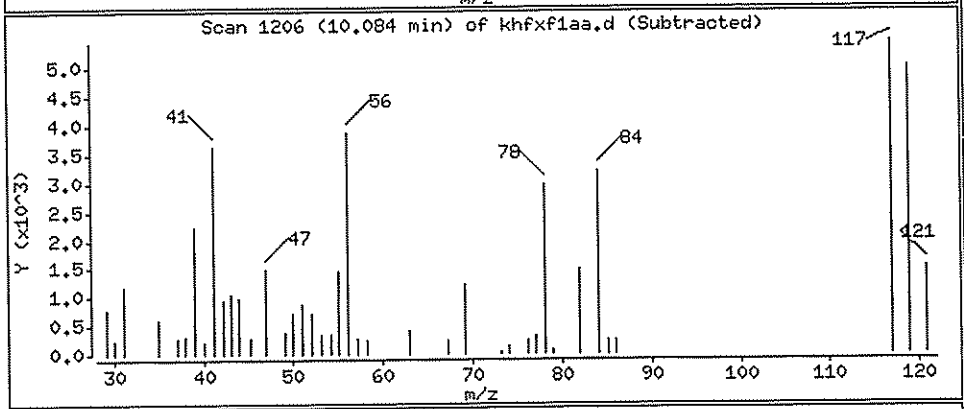
Column diameter: 0.32

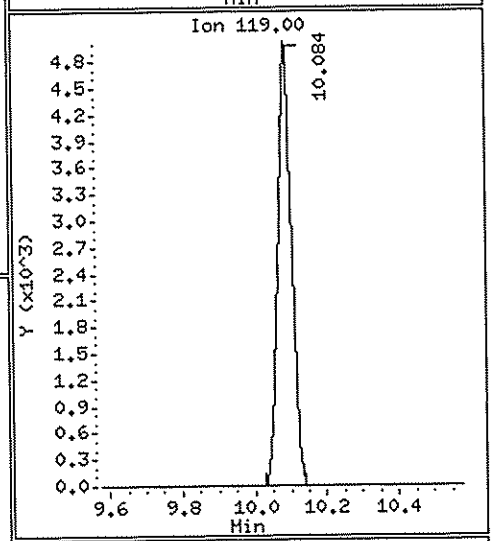
49 Carbon Tetrachloride

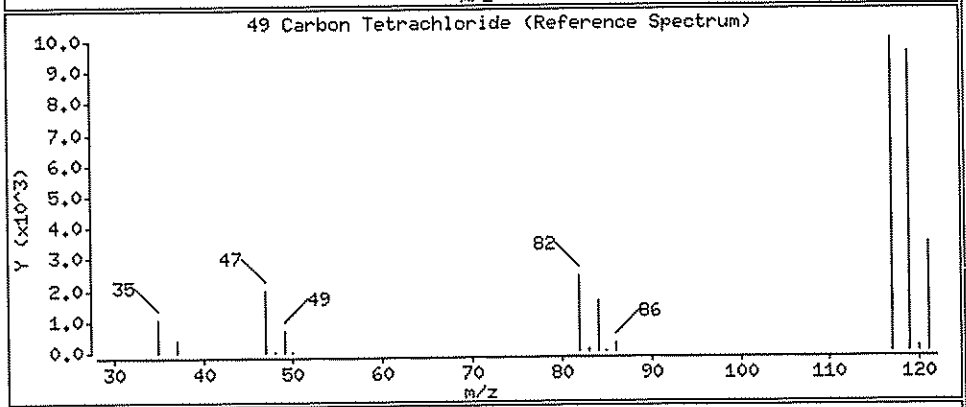
Concentration: 0.1074 ppb(v/v)

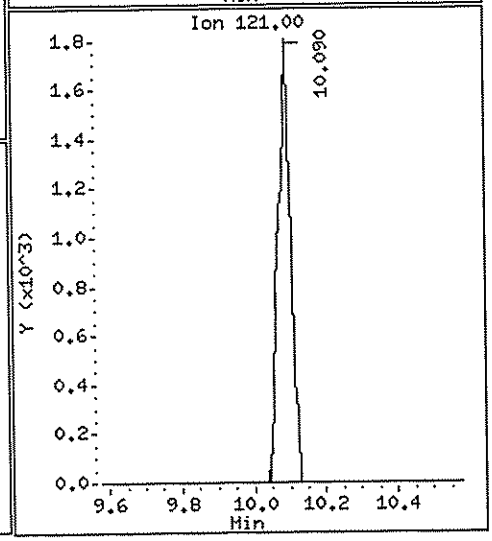


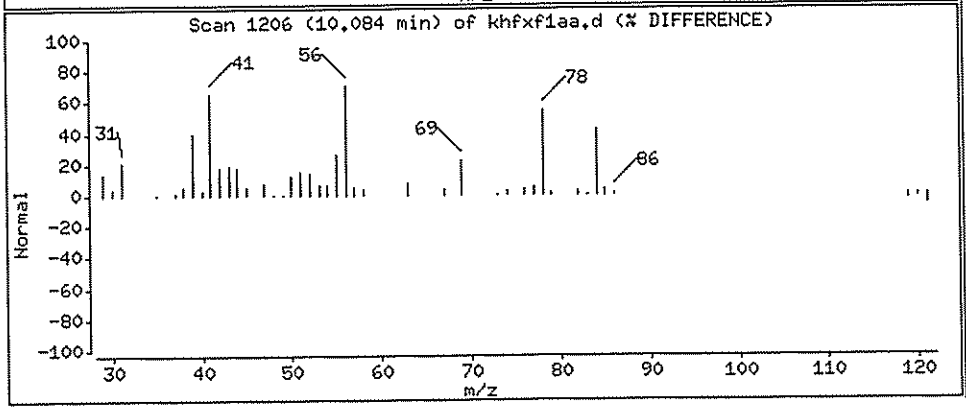












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

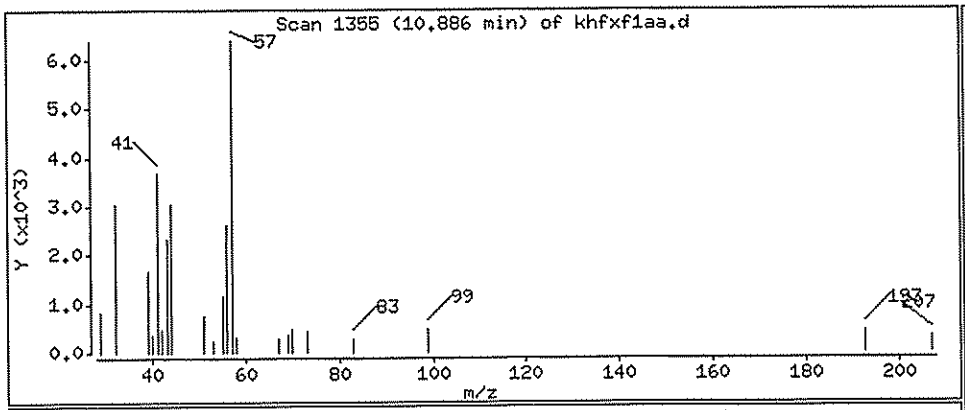
Operator: 7126

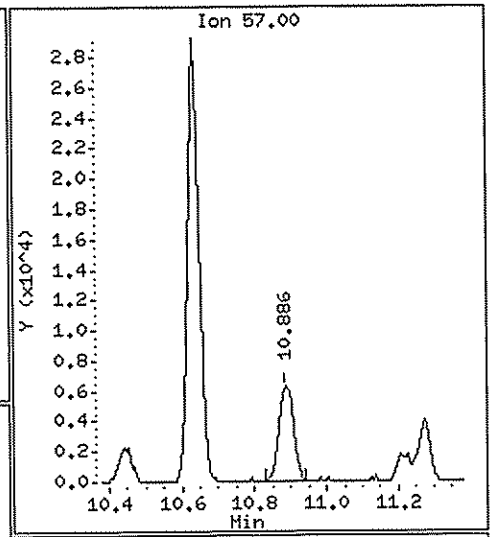
Column phase: HP-5

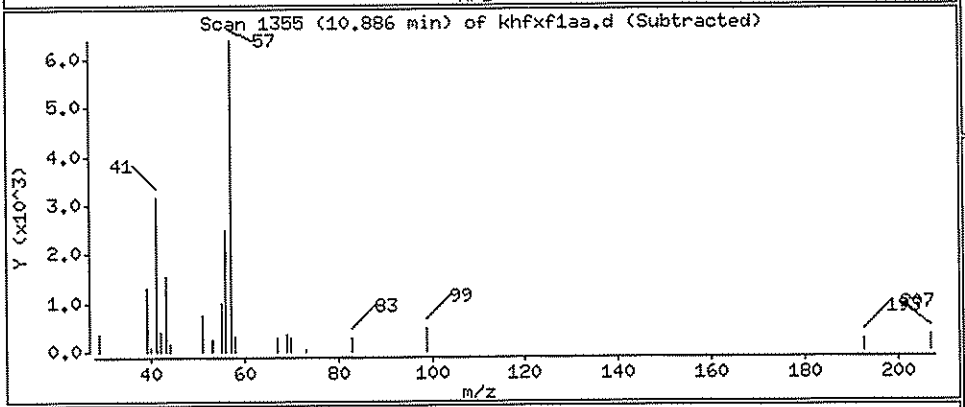
Column diameter: 0.32

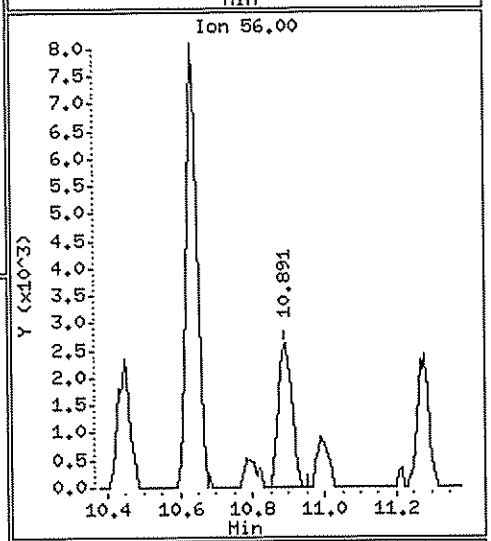
50 2,2,4-trimethylpentane

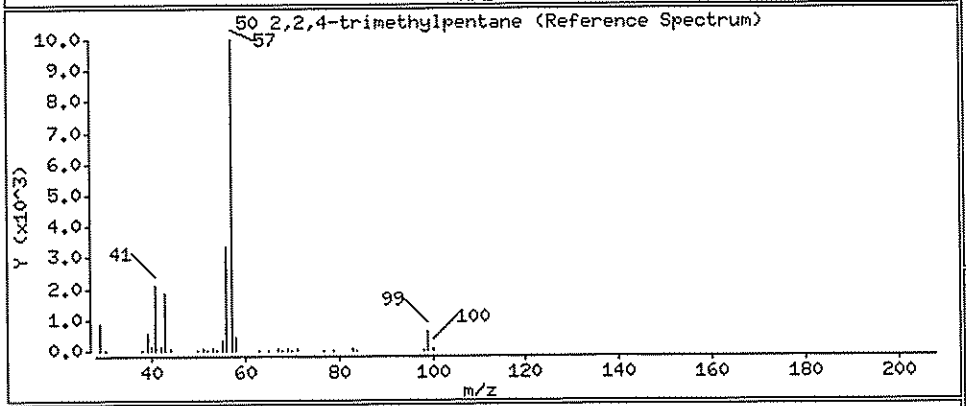
Concentration: 0.1310 ppb(v/v)

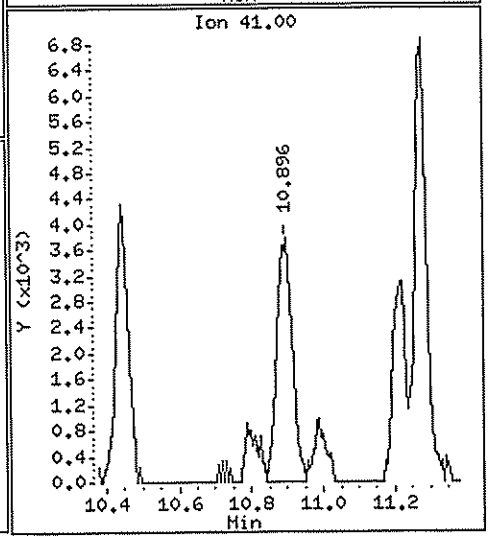


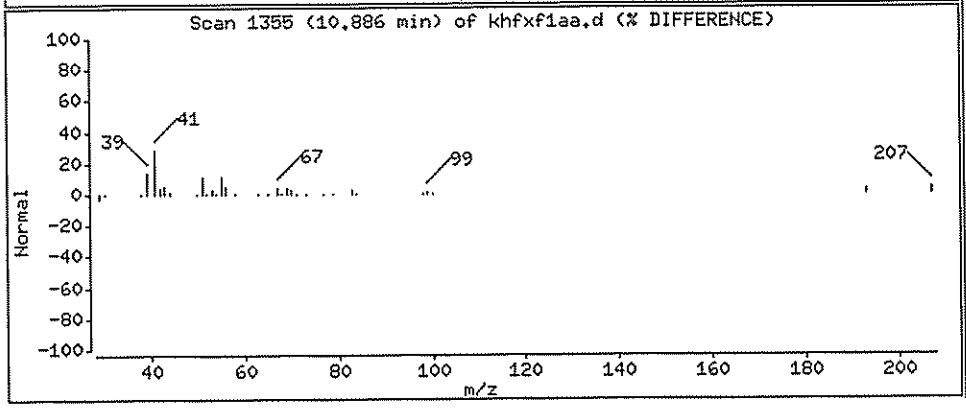












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

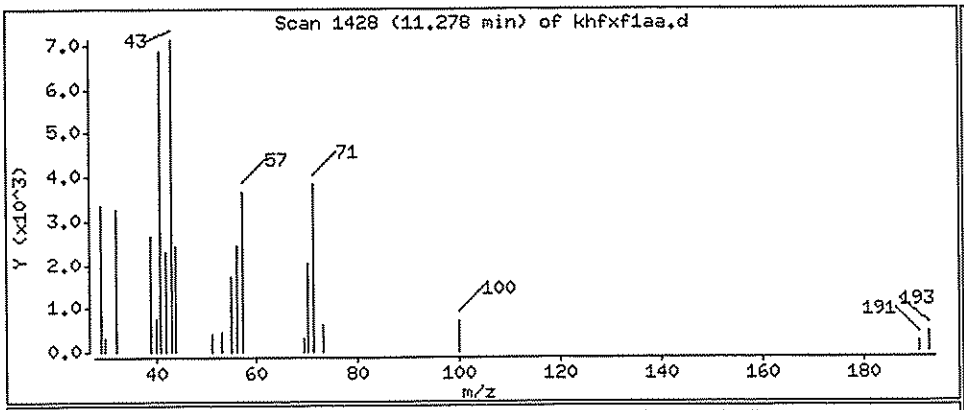
Operator: 7126

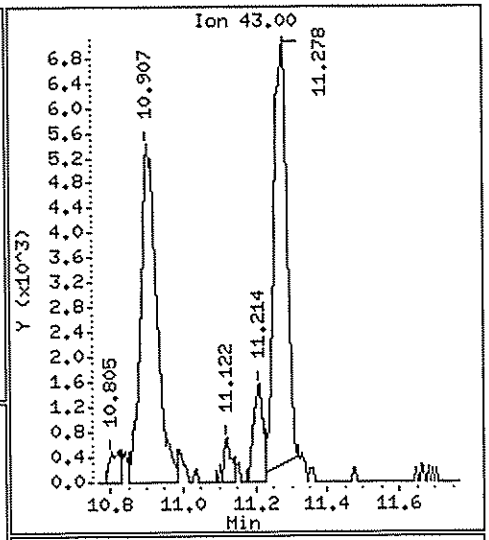
Column phase: HP-5

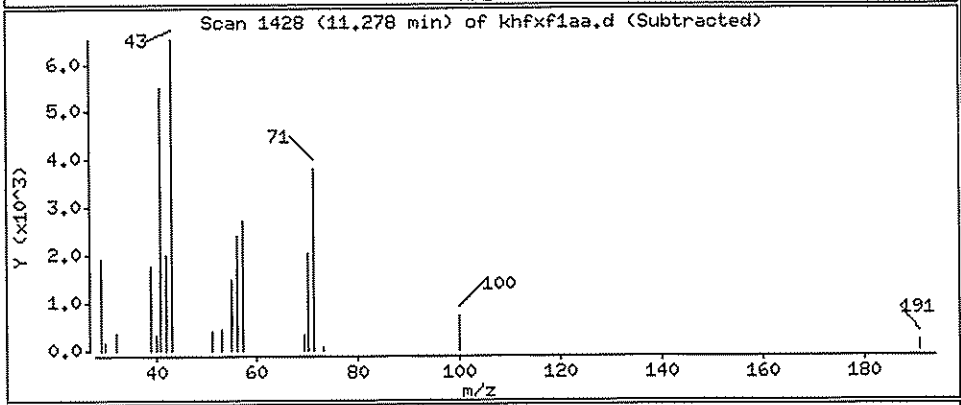
Column diameter: 0.32

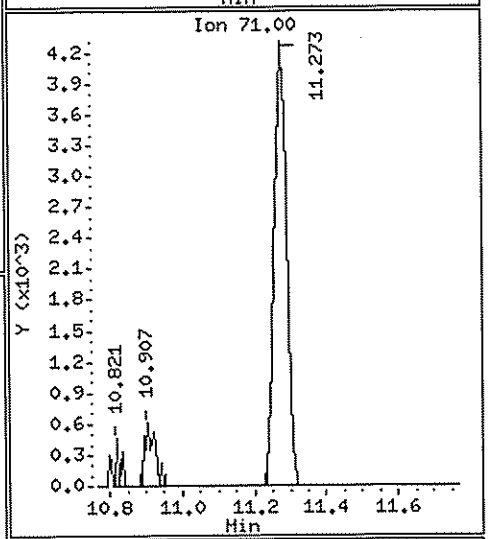
51 Heptane

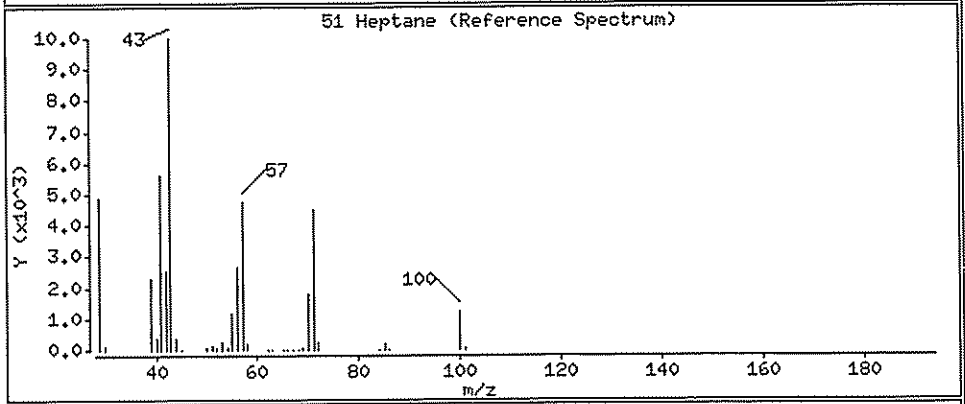
Concentration: 0.3246 ppb(v/v)

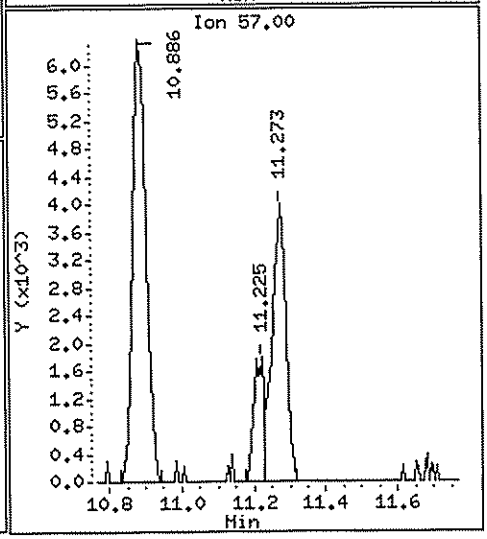


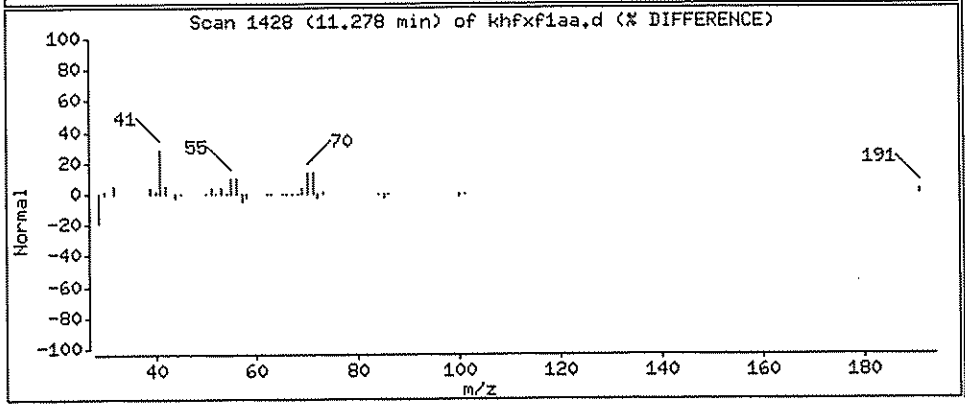












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

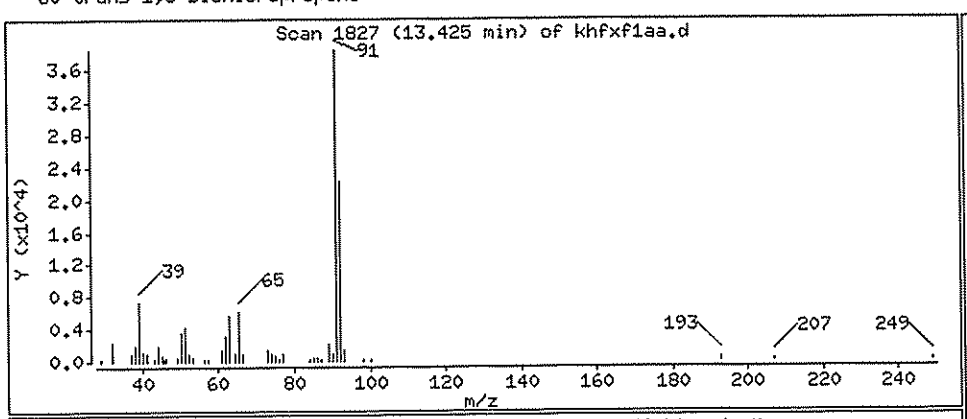
Operator: 7126

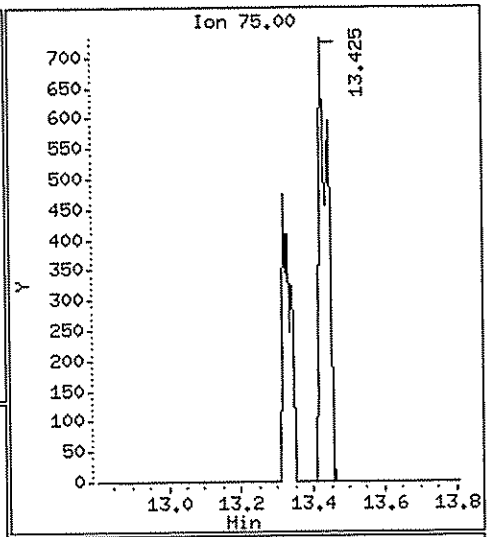
Column phase: HP-5

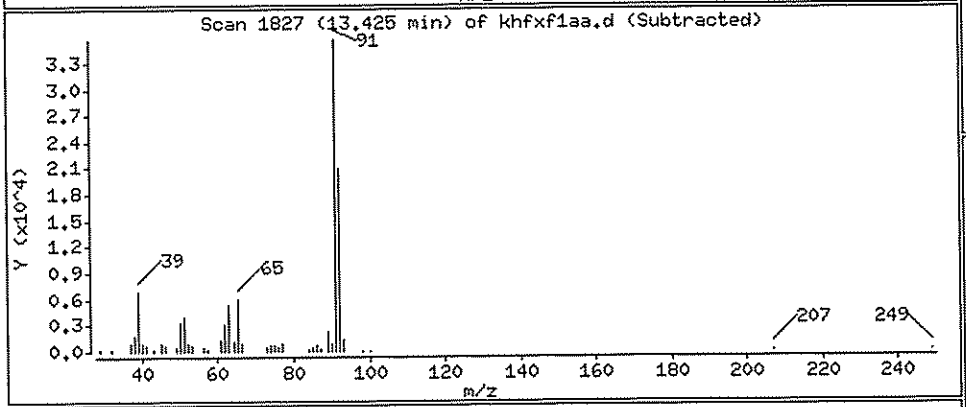
Column diameter: 0.32

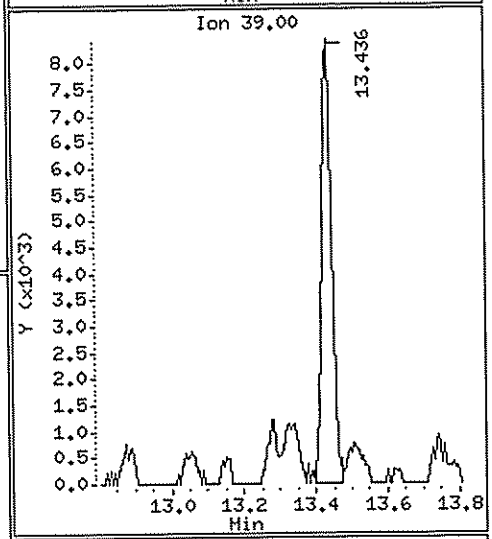
60 trans-1,3-Dichloropropene

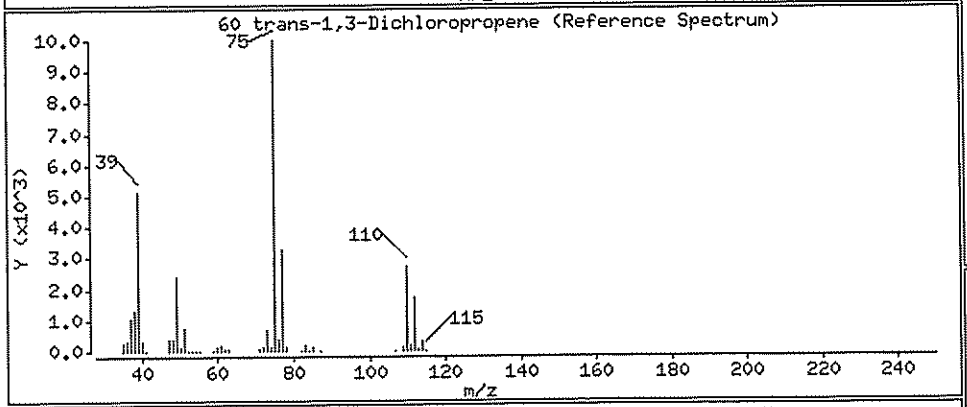
Concentration: 0.02461 ppb(v/v)

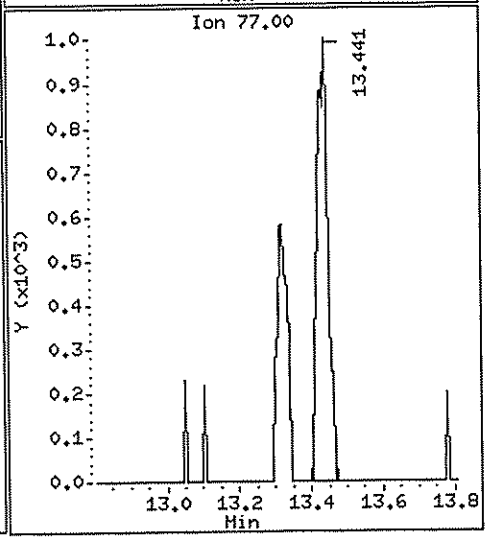


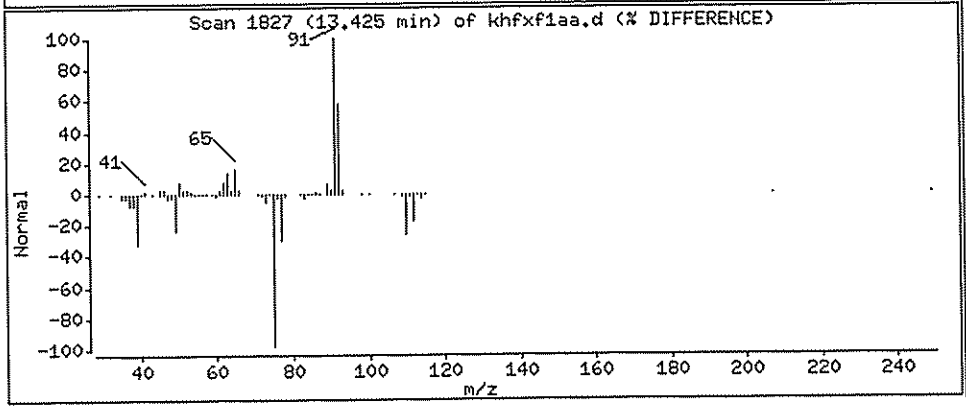












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

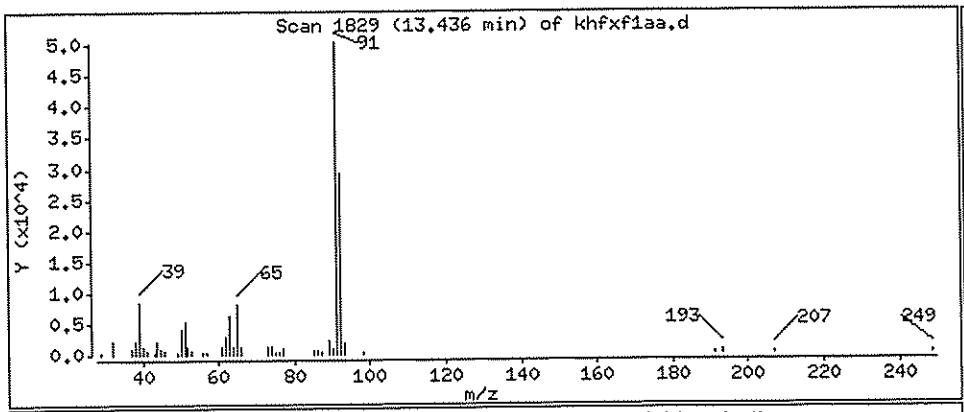
Operator: 7126

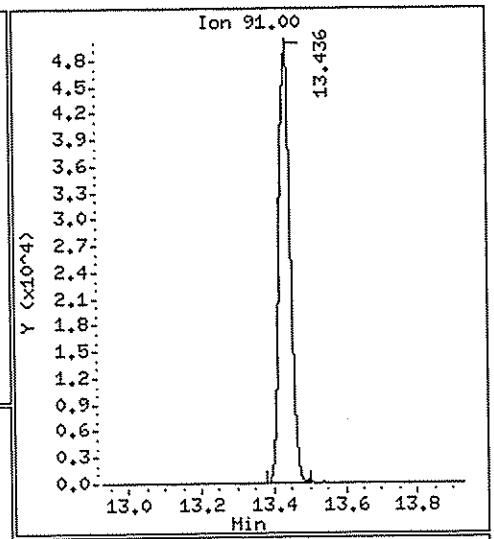
Column phase: HP-5

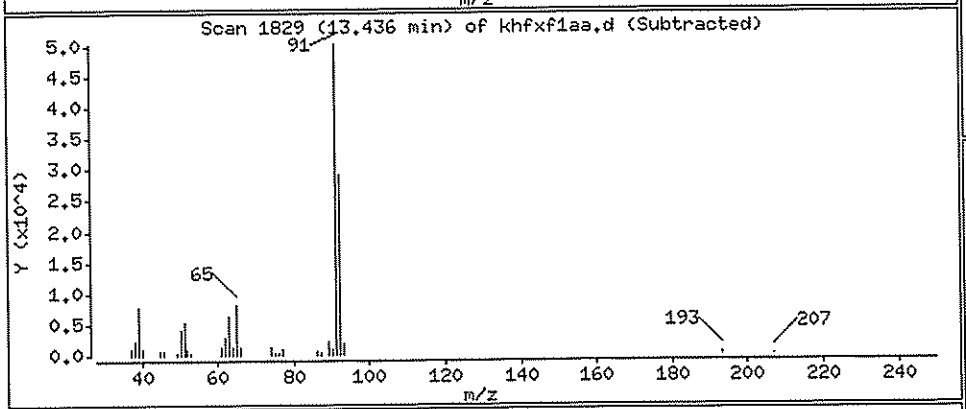
Column diameter: 0.32

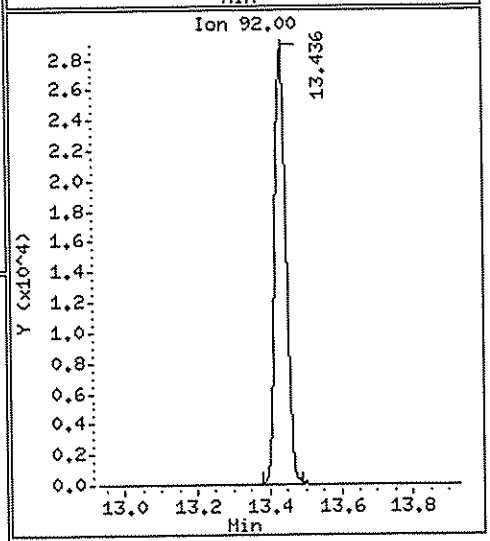
61 Toluene

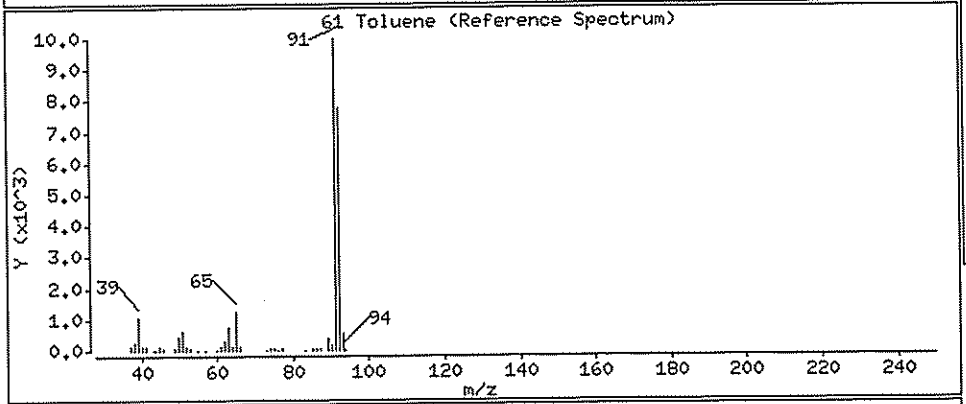
Concentration: 1.104 ppb(v/v)

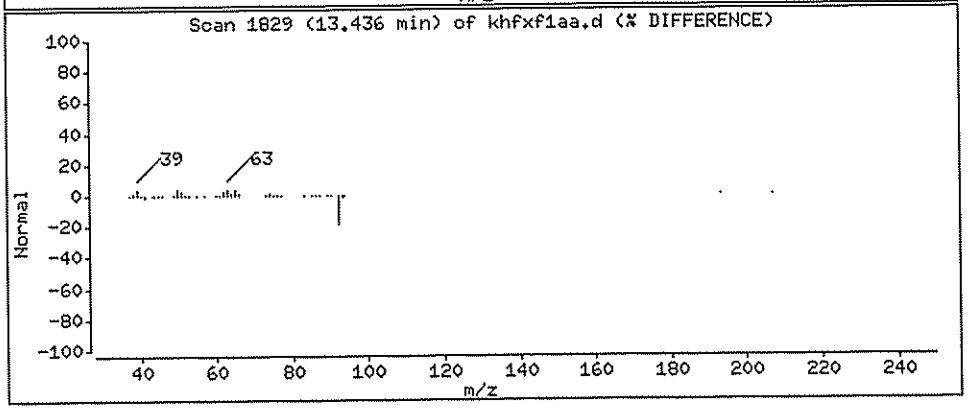












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

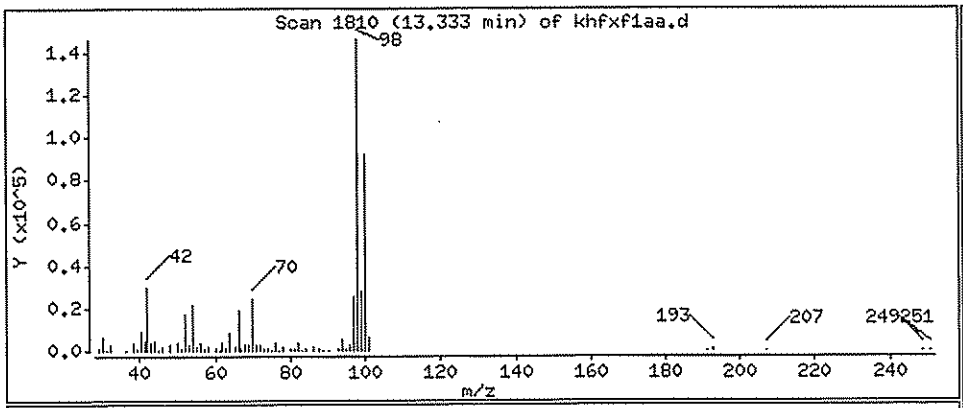
Operator: 7126

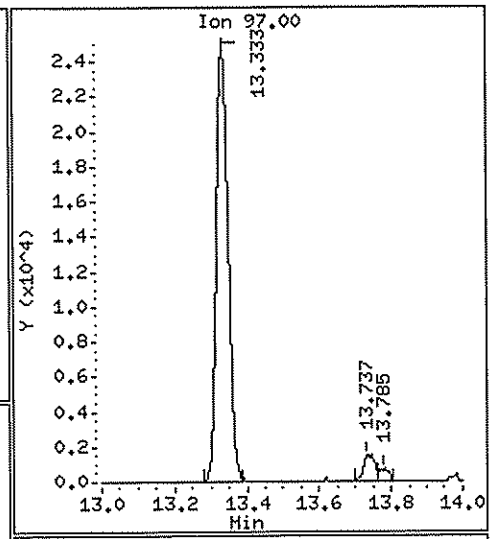
Column phase: HP-5

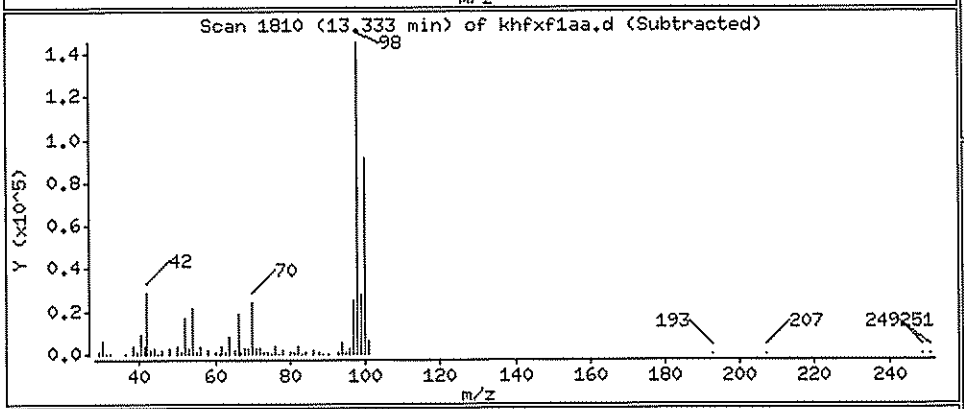
Column diameter: 0.32

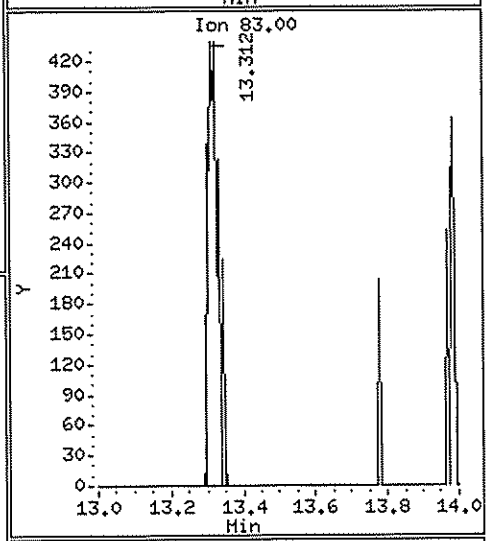
62 1,1,2-Trichloroethane

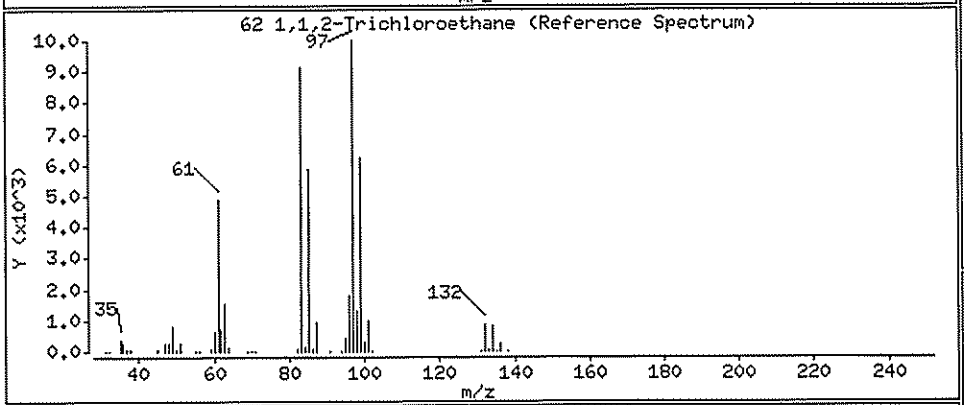
Concentration: 2.140 ppb(v/v)

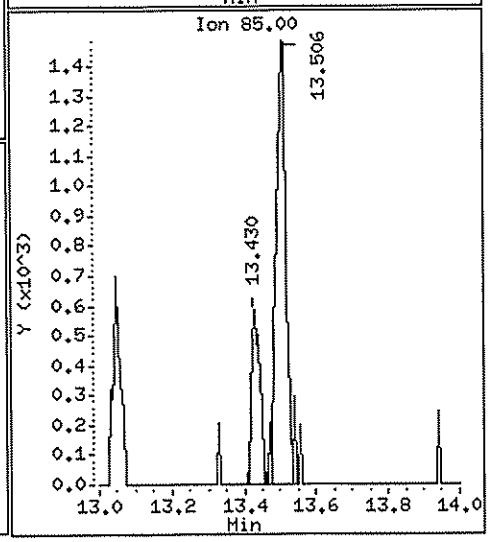


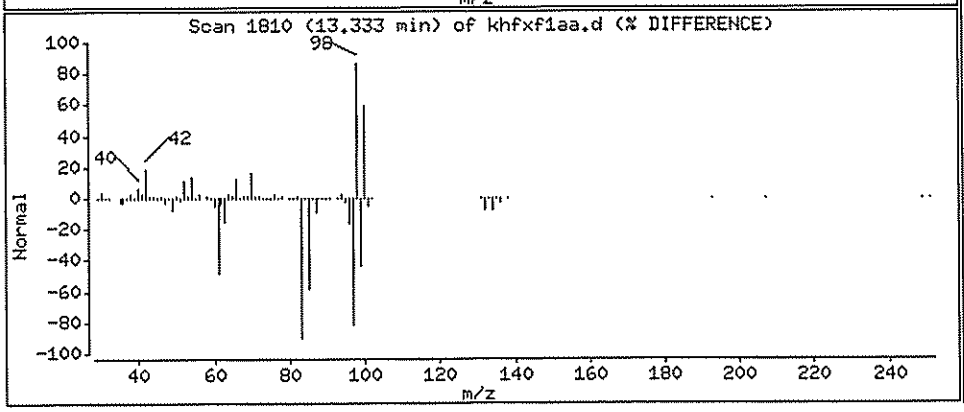












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

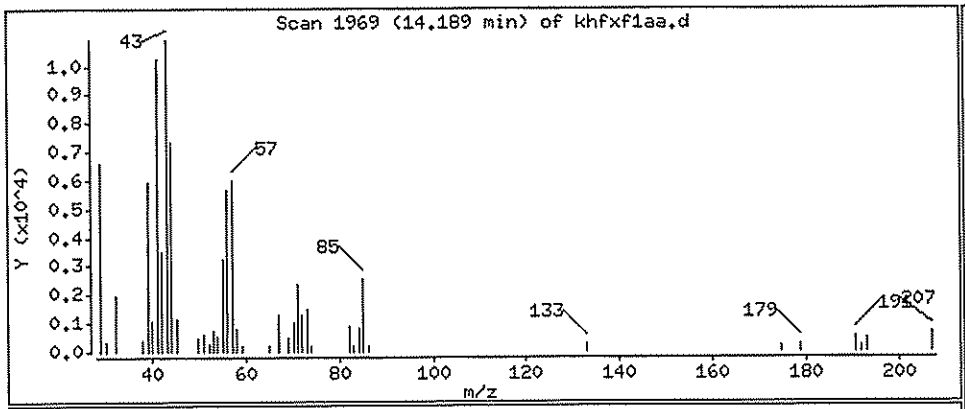
Operator: 7126

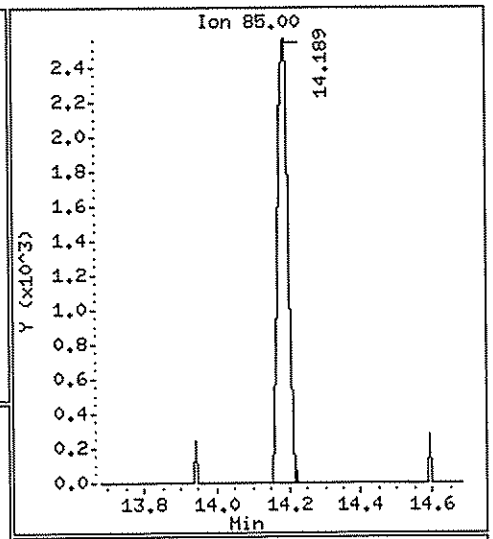
Column phase: HP-5

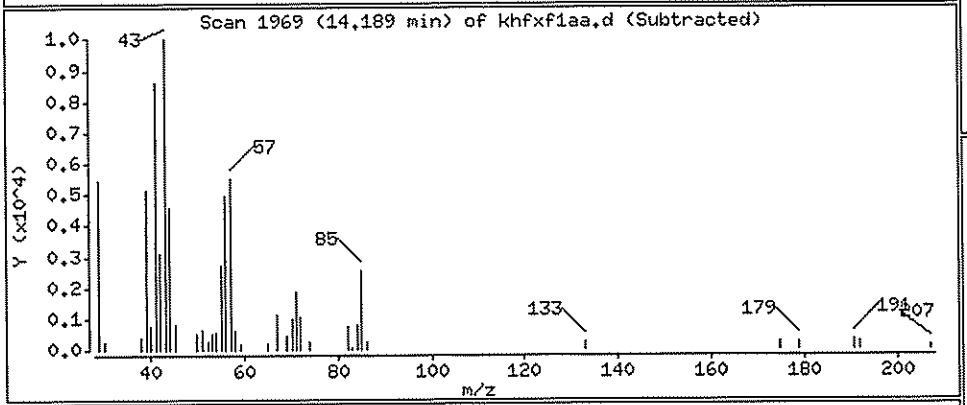
Column diameter: 0.32

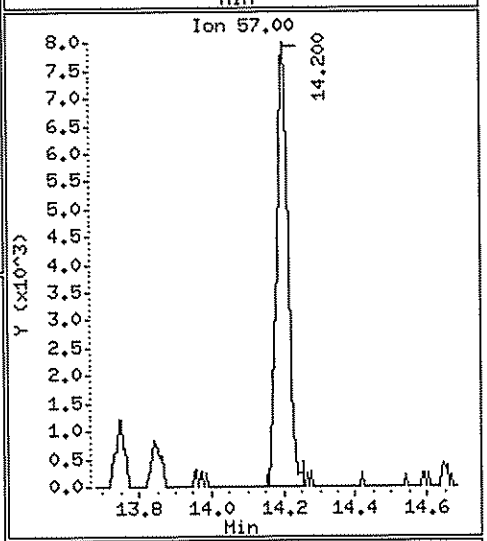
64 Octane

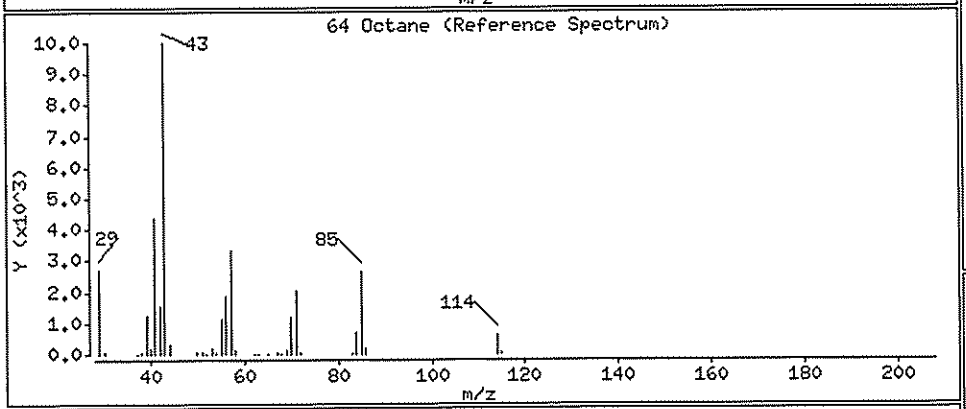
Concentration: 0.1698 ppb(v/v)

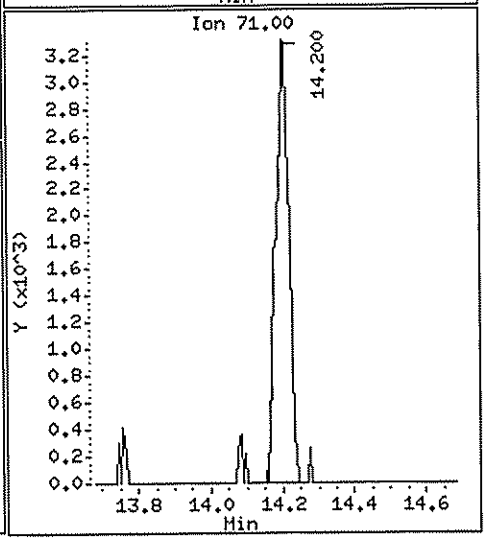


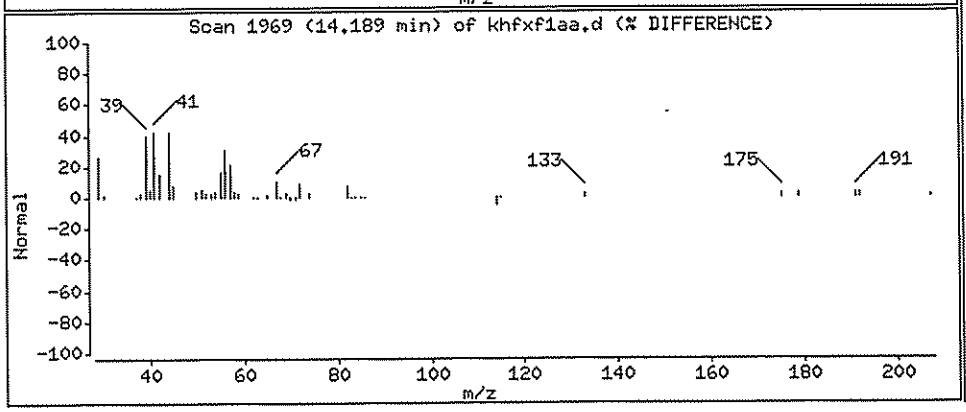












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

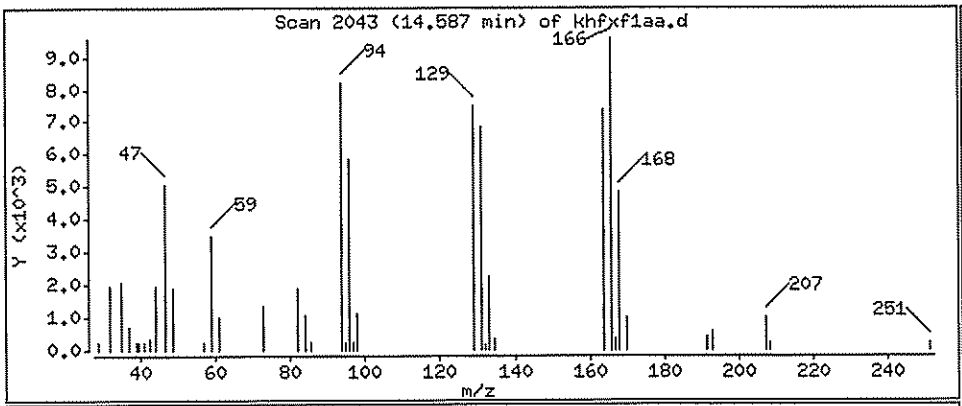
Operator: 7126

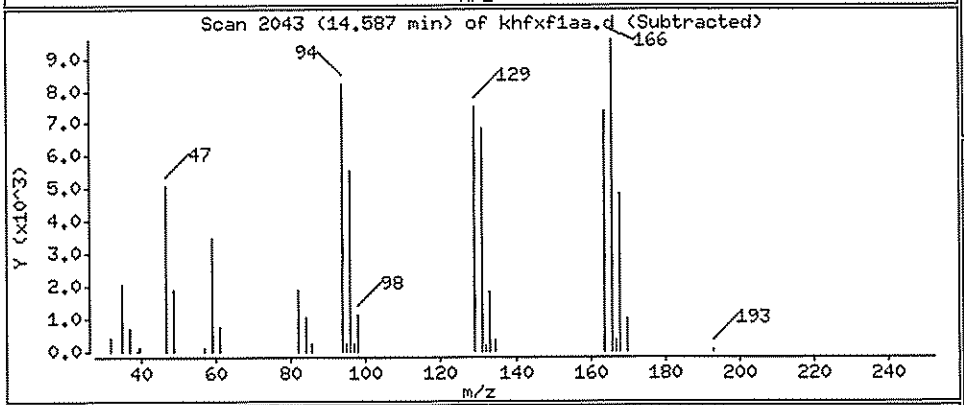
Column phase: HP-5

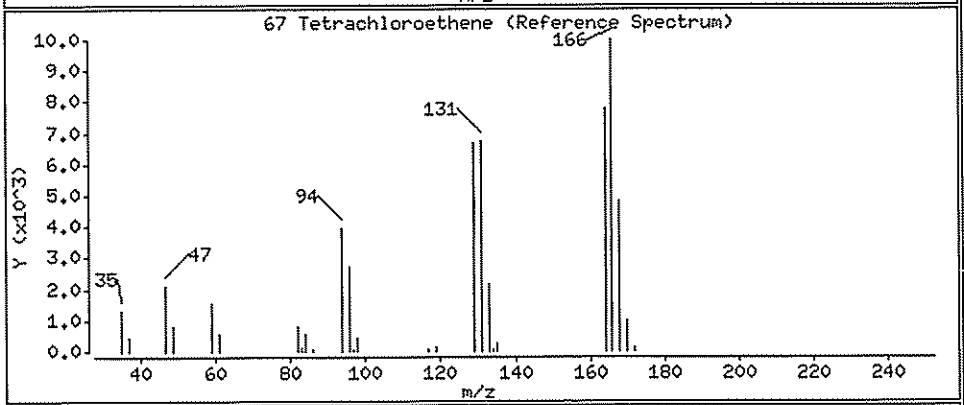
Column diameter: 0.32

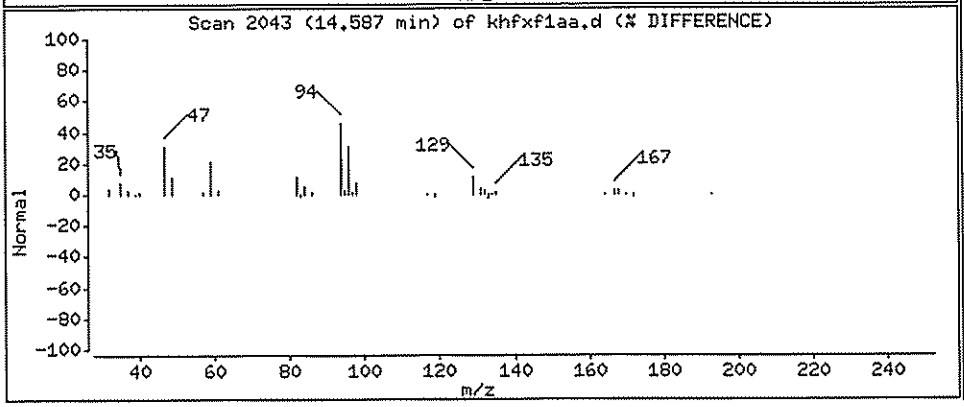
67 Tetrachloroethene

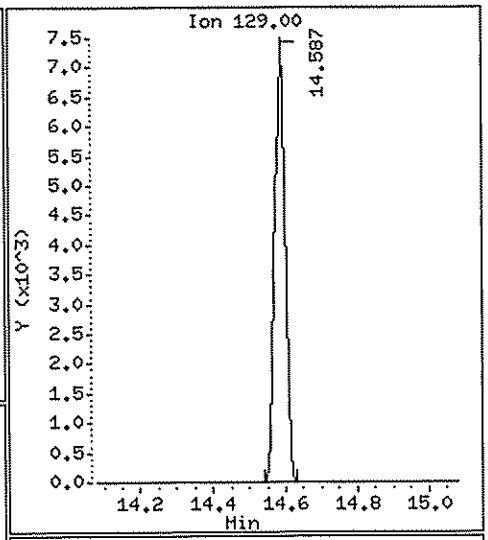
Concentration: 0.3788 ppb(v/v)

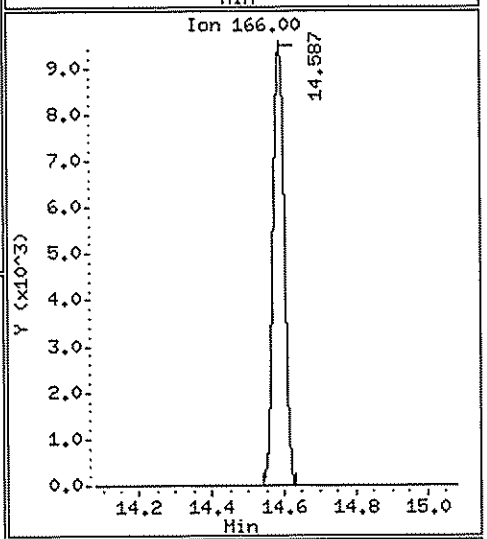


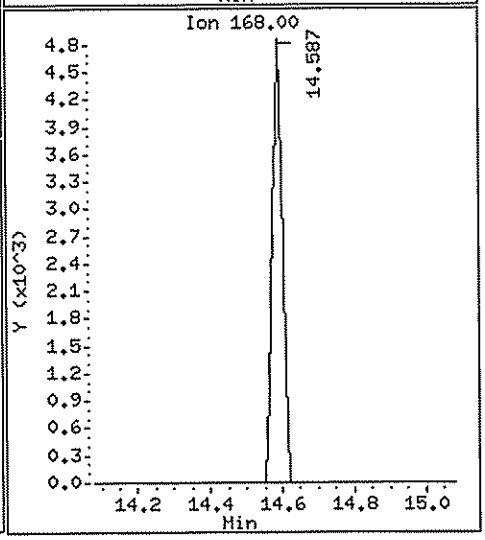












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

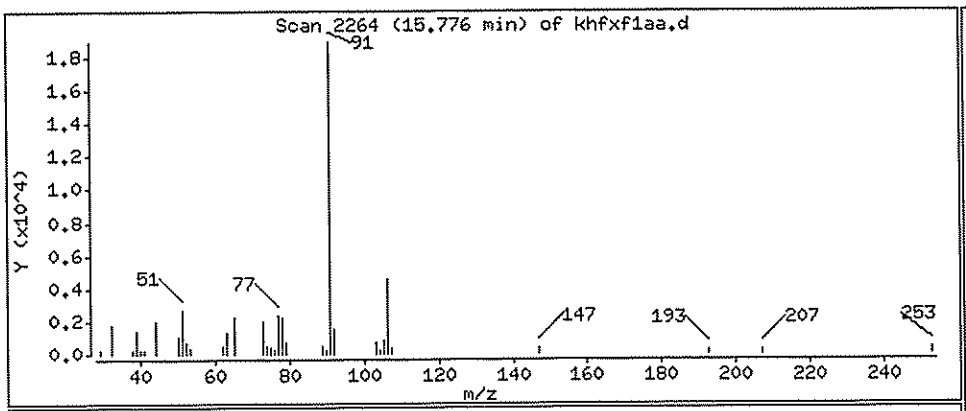
Operator: 7126

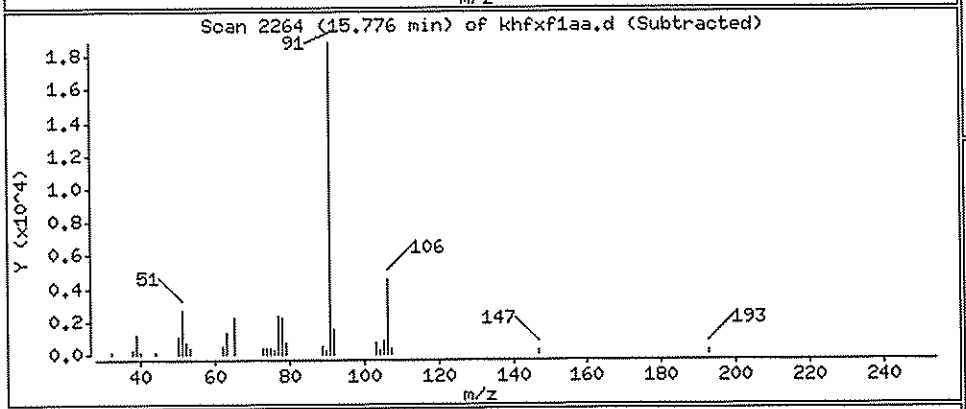
Column phase: HP-5

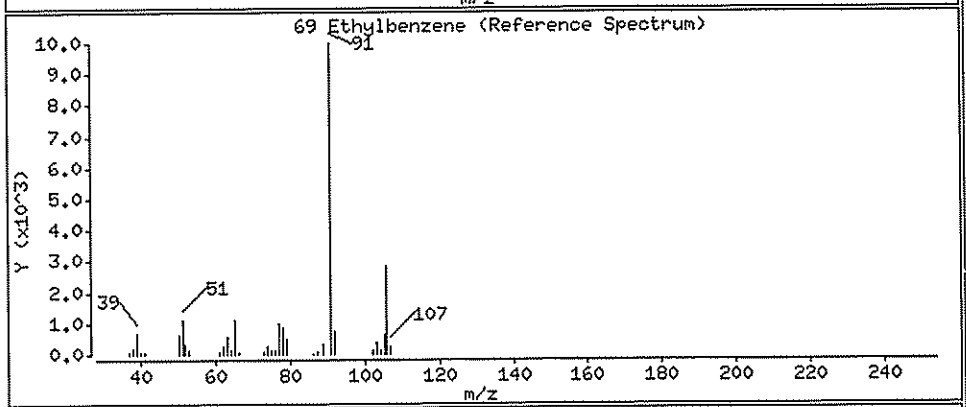
Column diameter: 0.32

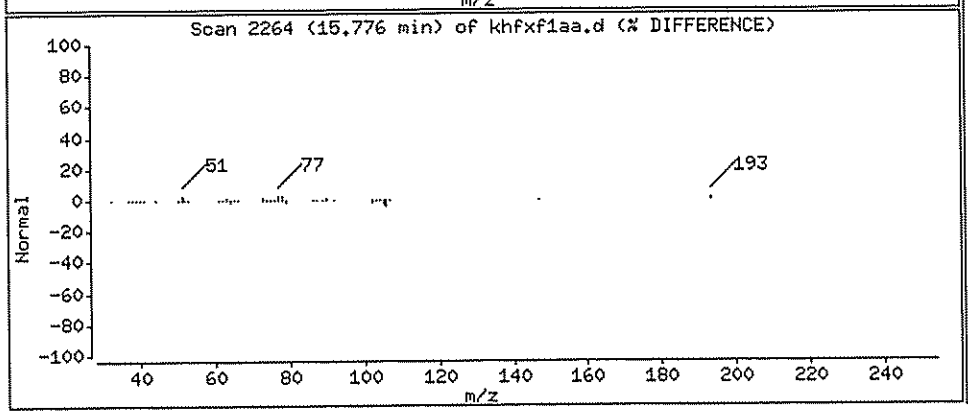
69 Ethylbenzene

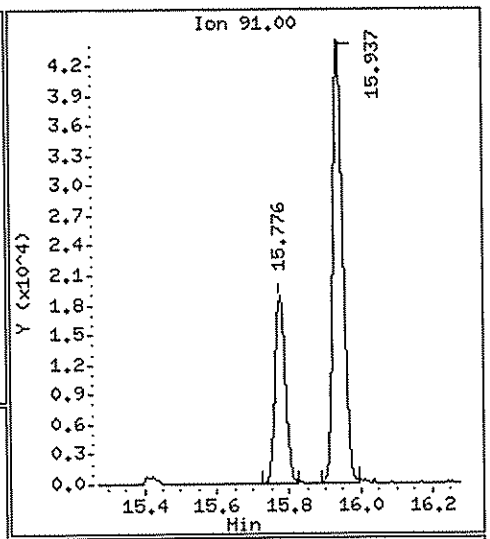
Concentration: 0.3152 ppb(v/v)

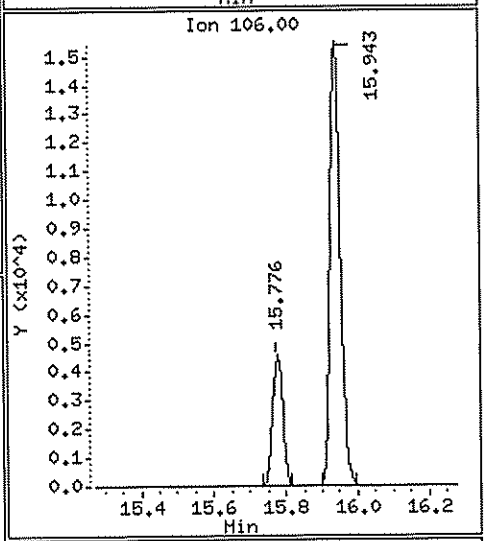


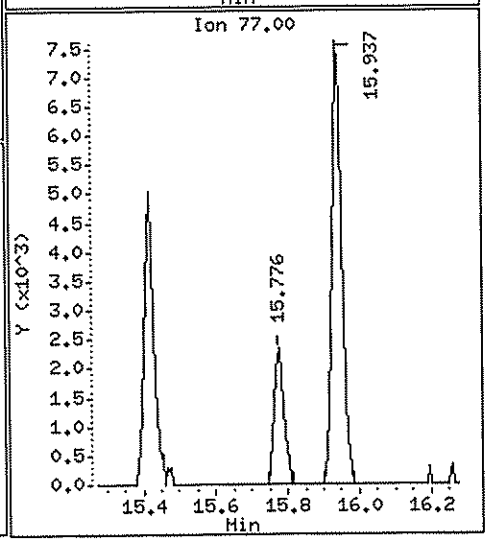












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

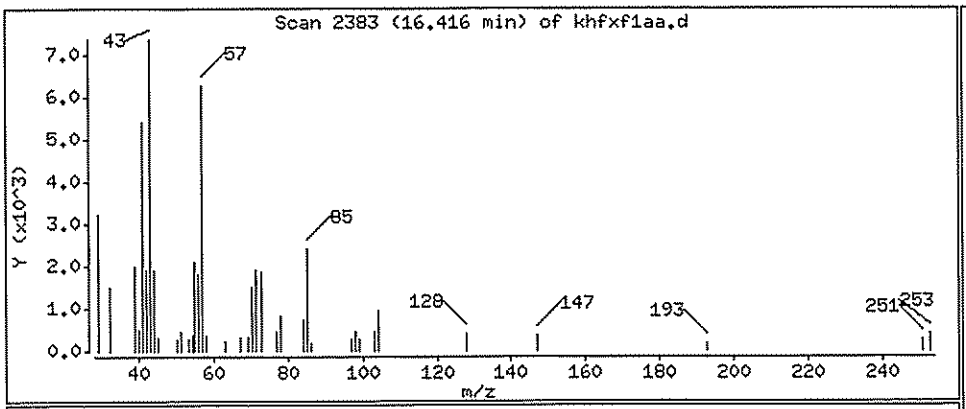
Operator: 7126

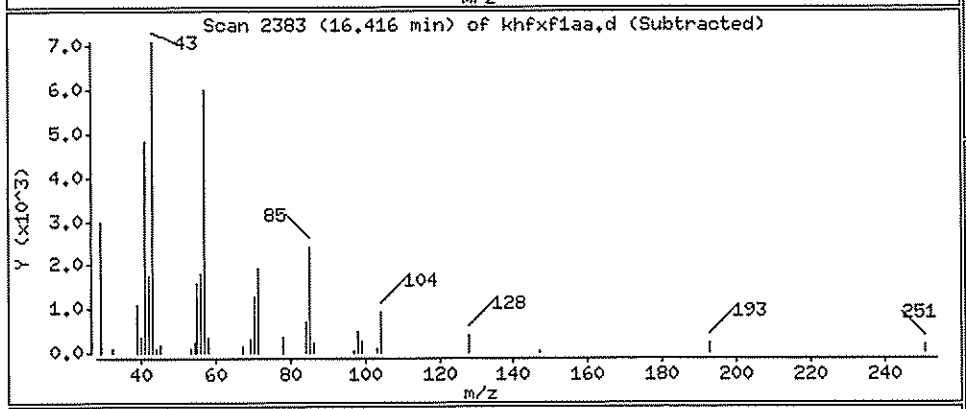
Column phase: HP-5

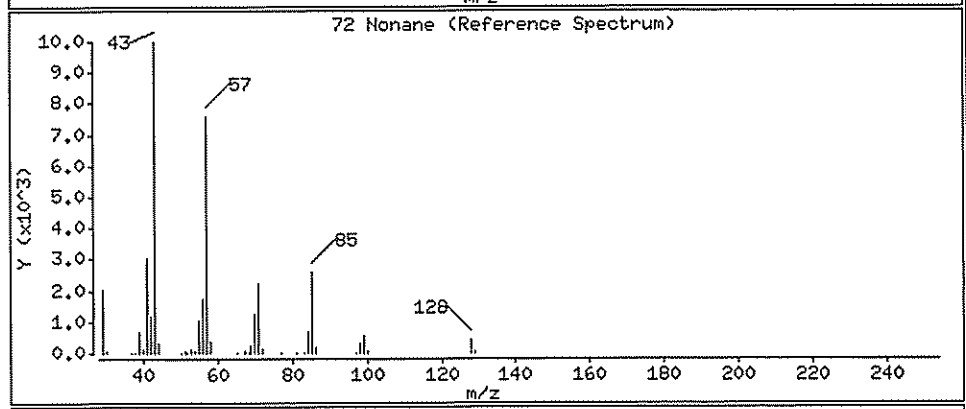
Column diameter: 0.32

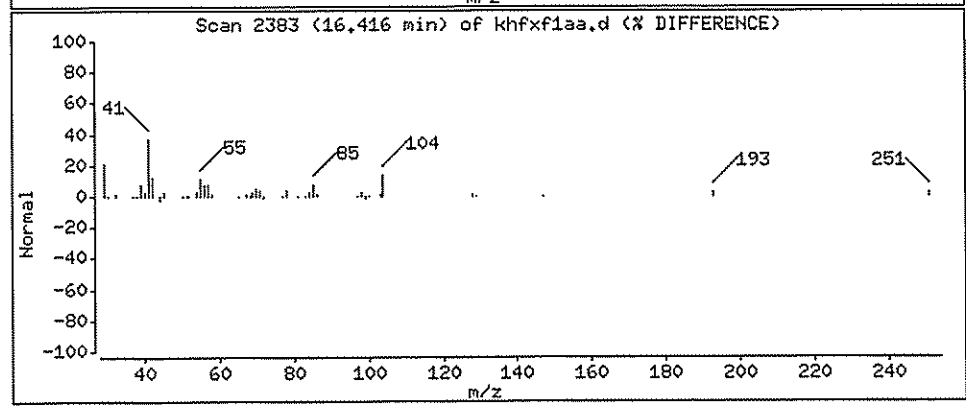
72 Nonane

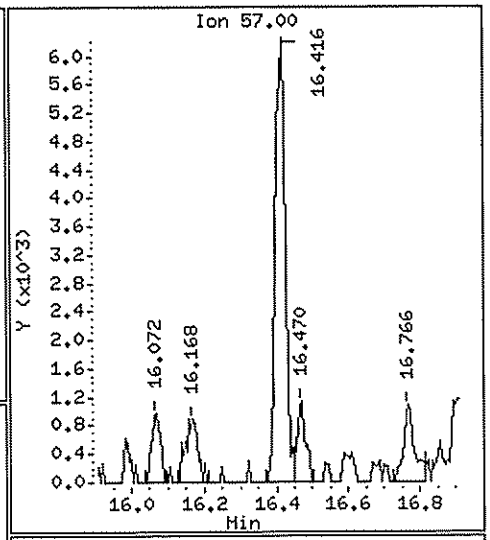
Concentration: 0.2197 ppb(v/v)

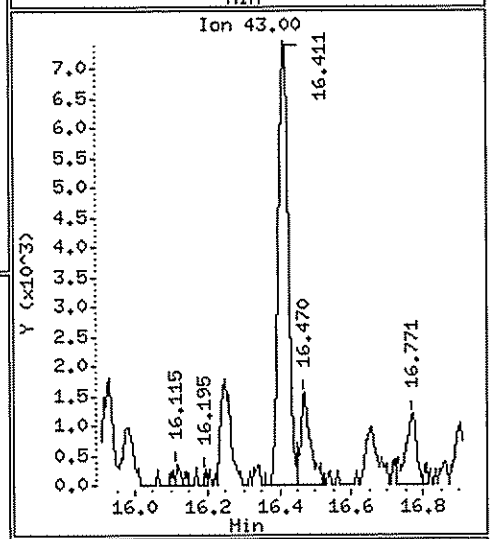


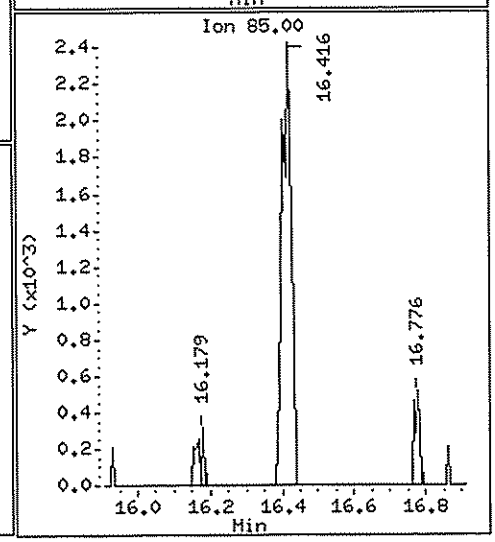












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

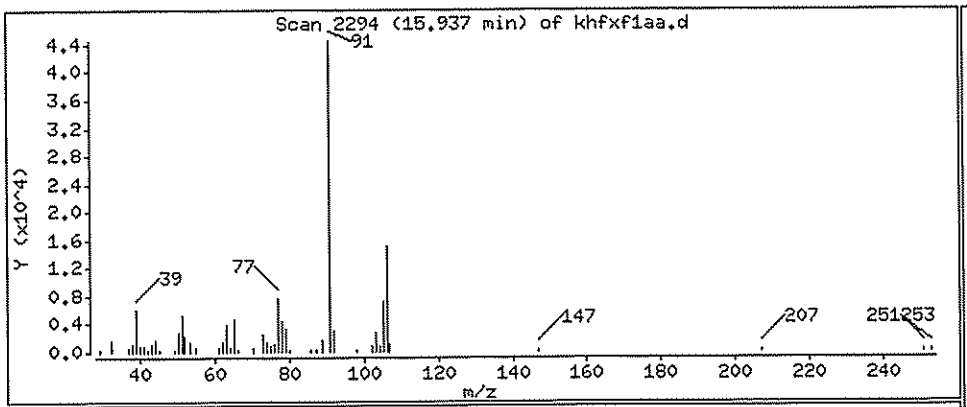
Operator: 7126

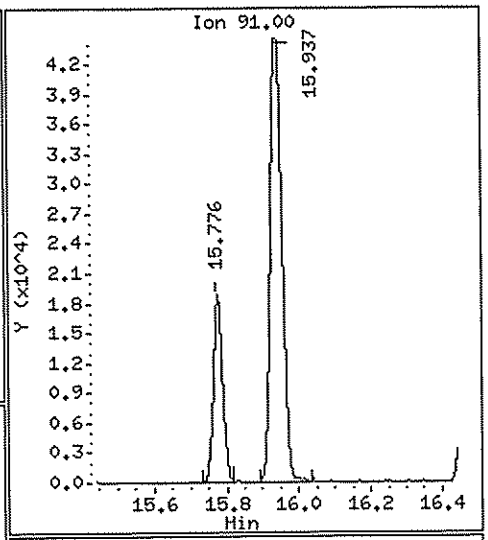
Column phase: HP-5

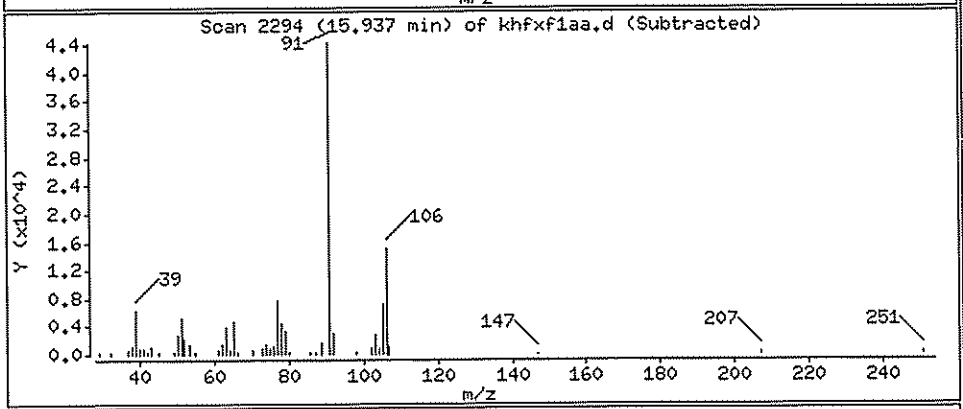
Column diameter: 0.32

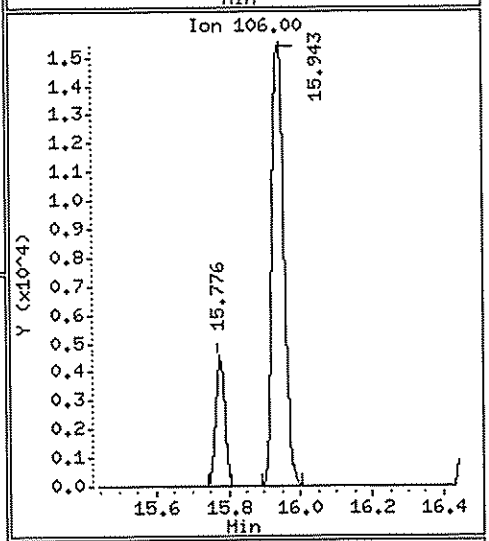
70 m&p-Xylene

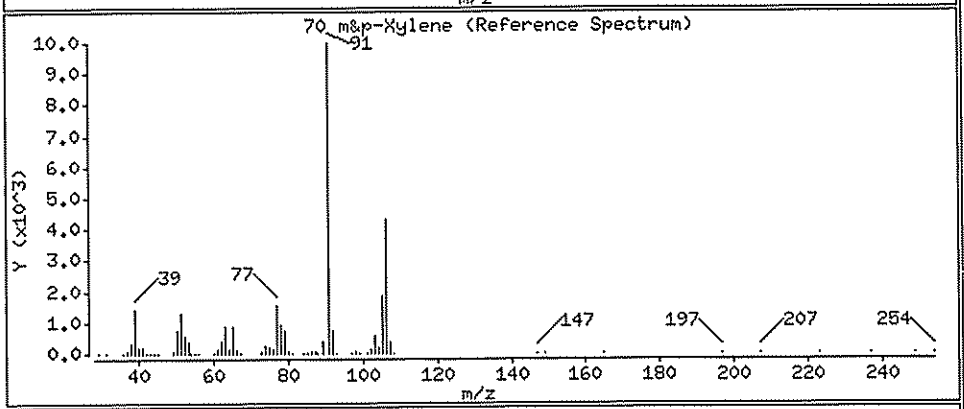
Concentration: 1.003 ppb(v/v)

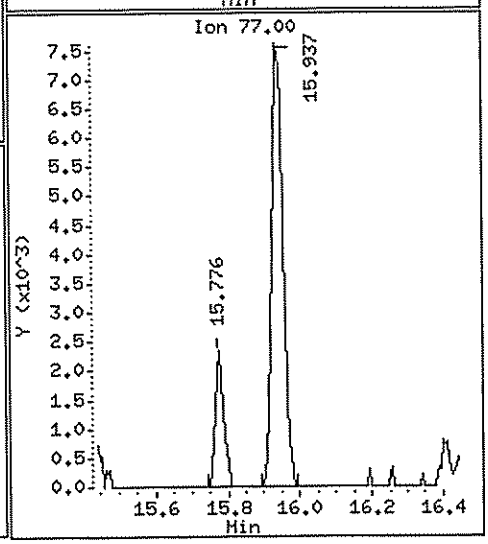


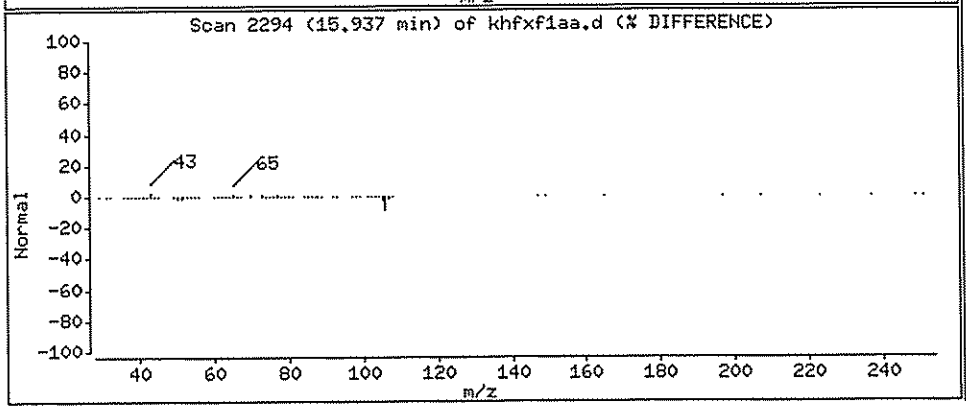












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

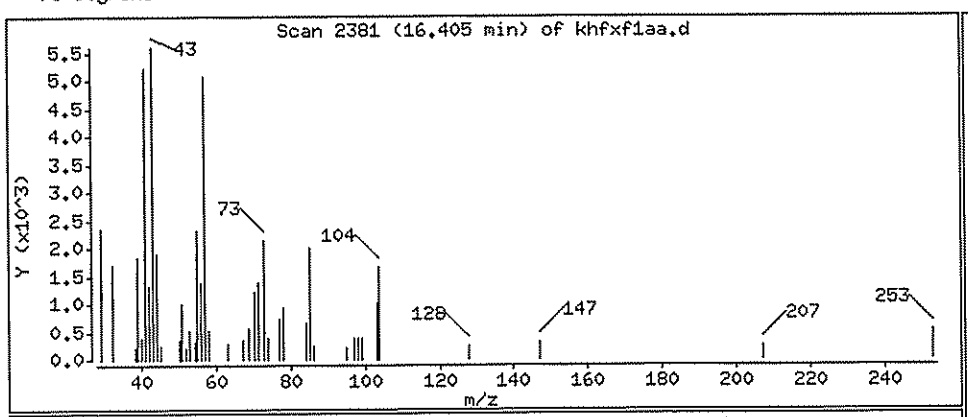
Operator: 7126

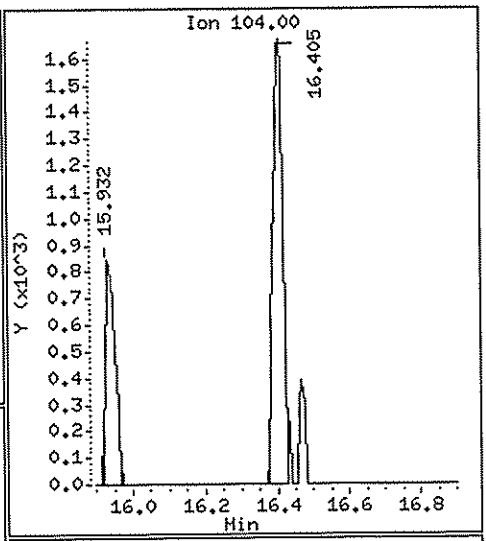
Column phase: HP-5

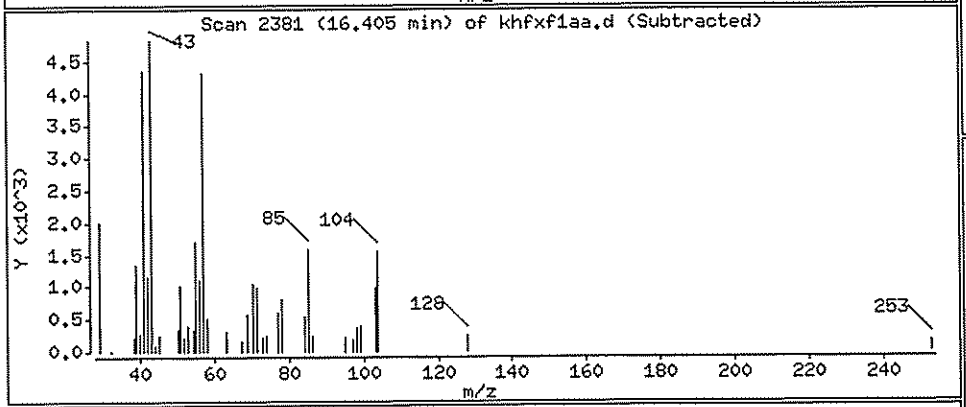
Column diameter: 0.32

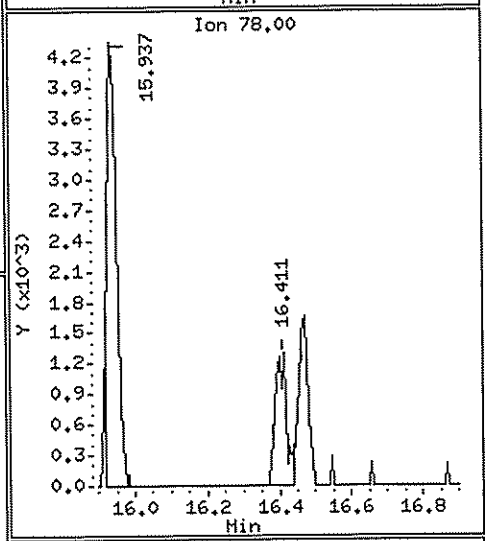
73 Styrene

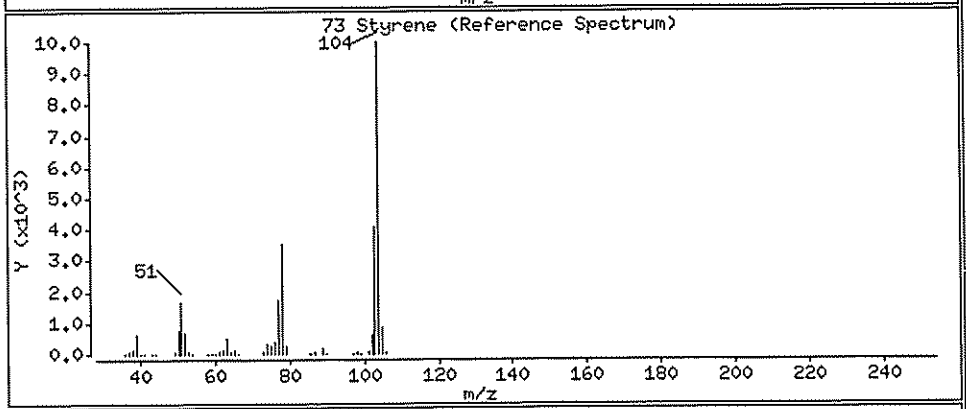
Concentration: 0.05463 ppb(v/v)

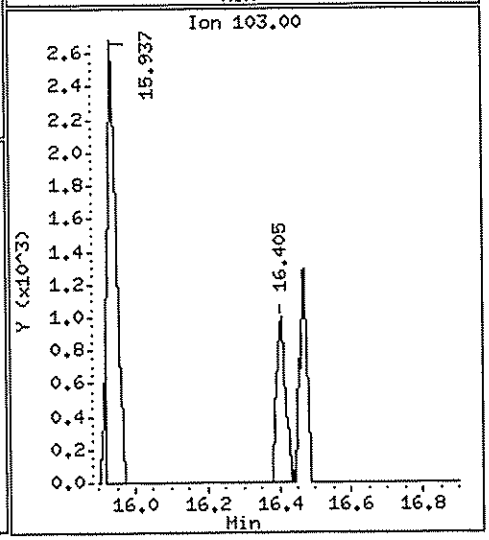


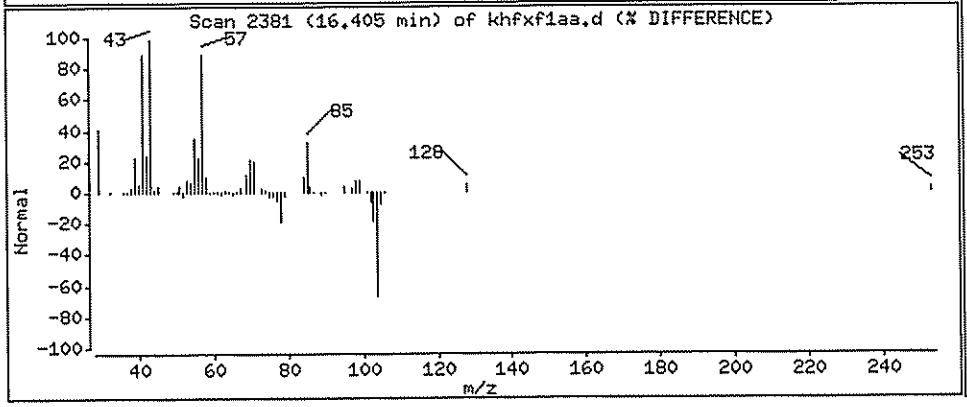












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

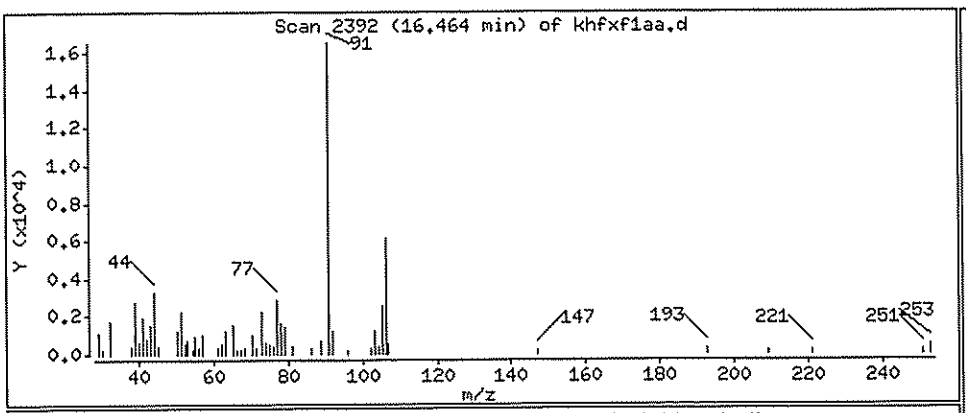
Operator: 7126

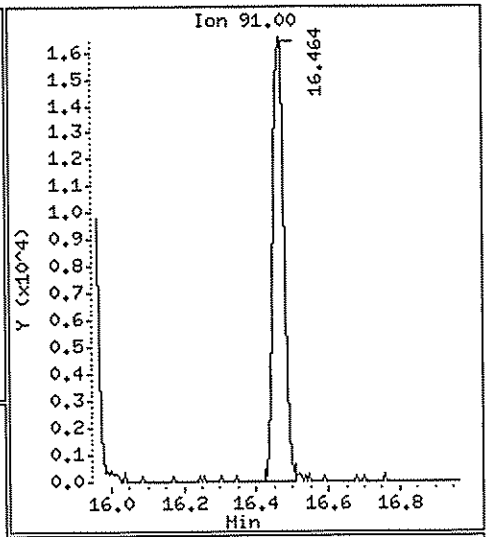
Column phase: HP-5

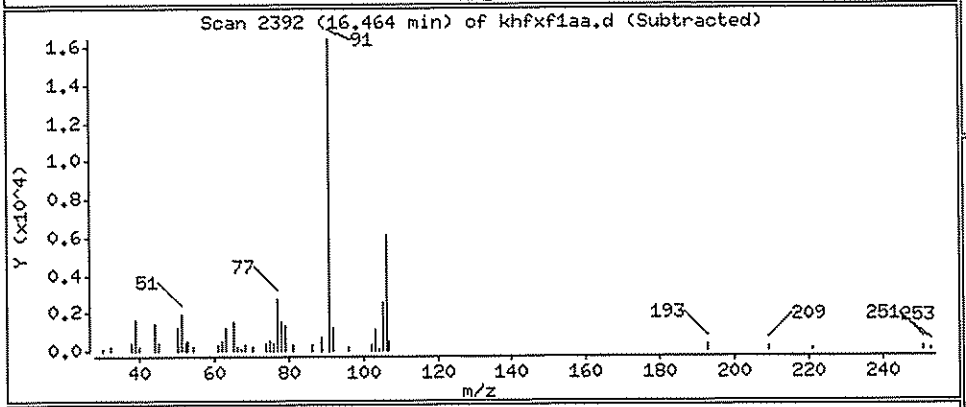
Column diameter: 0.32

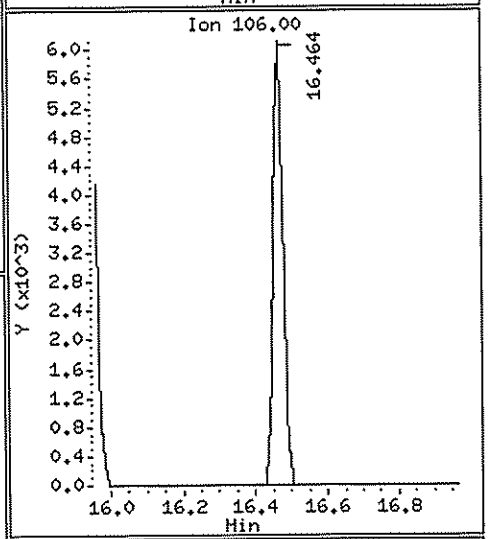
74 o-Xylene

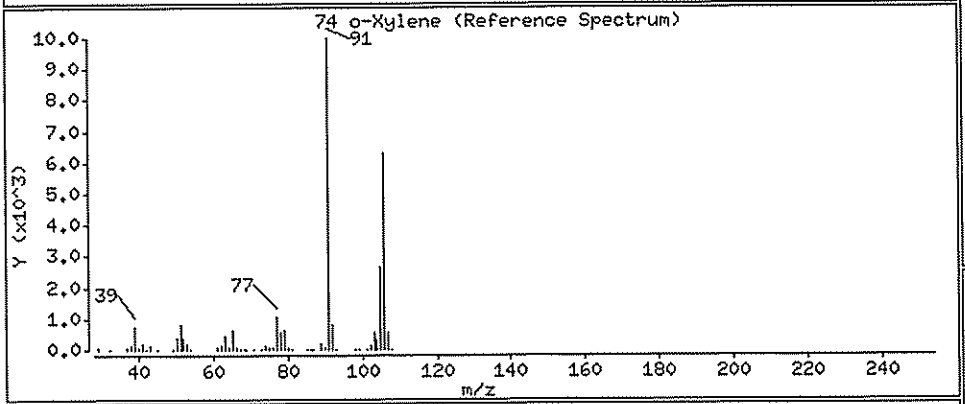
Concentration: 0.3319 ppb(v/v)

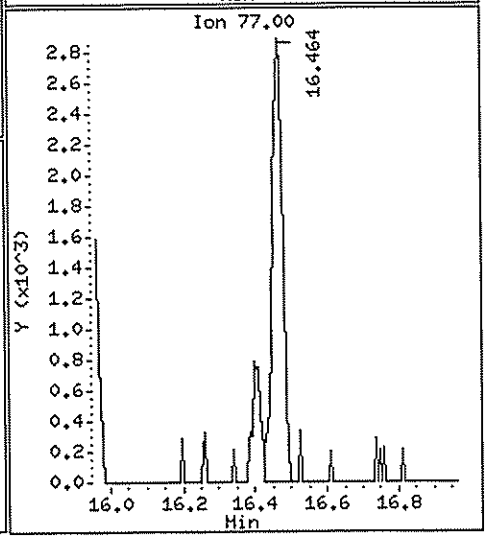


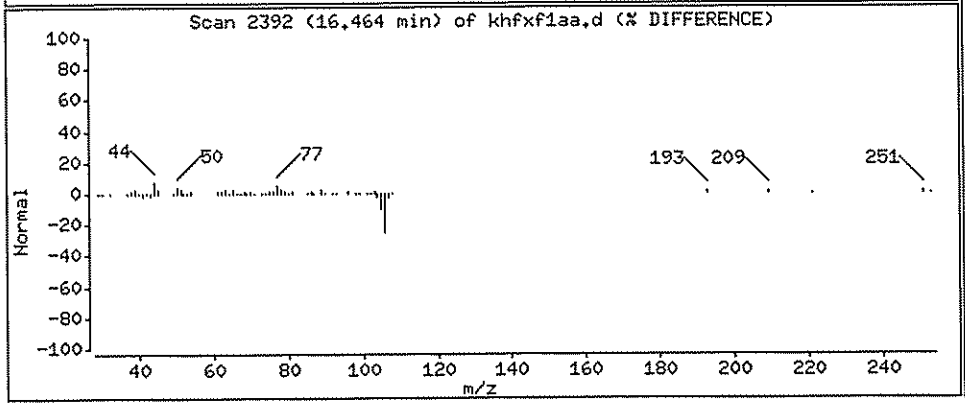












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

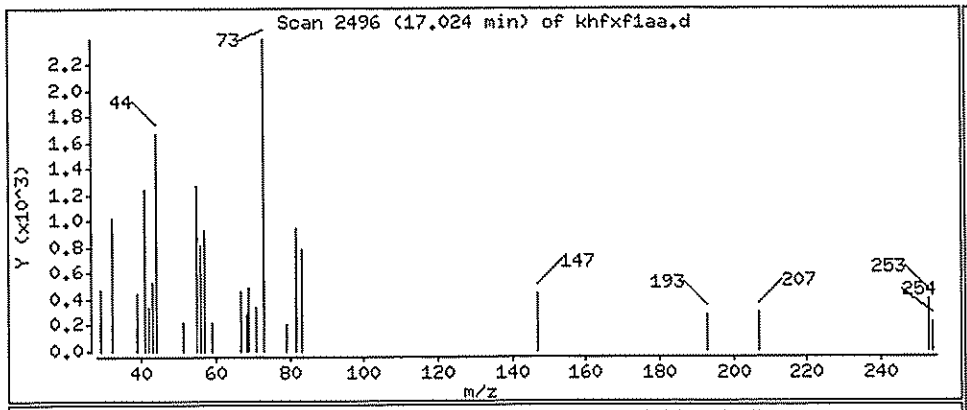
Operator: 7126

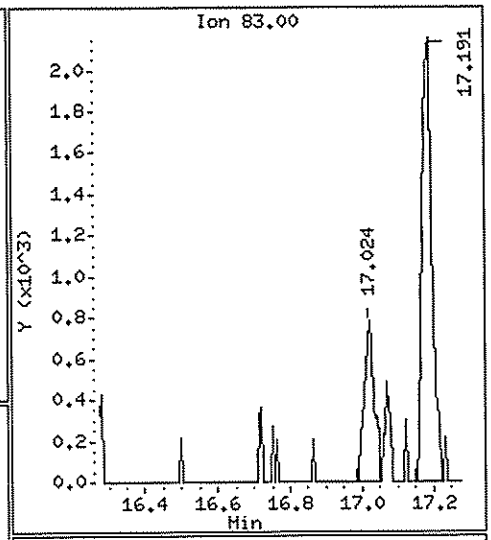
Column phase: HP-5

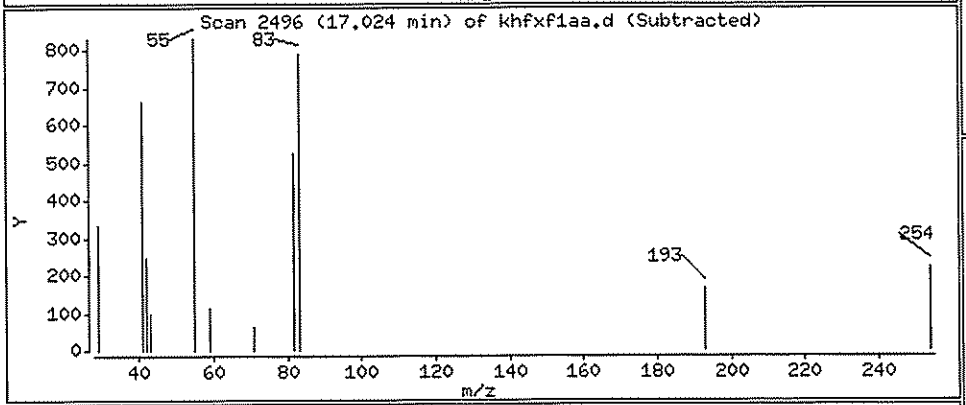
Column diameter: 0.32

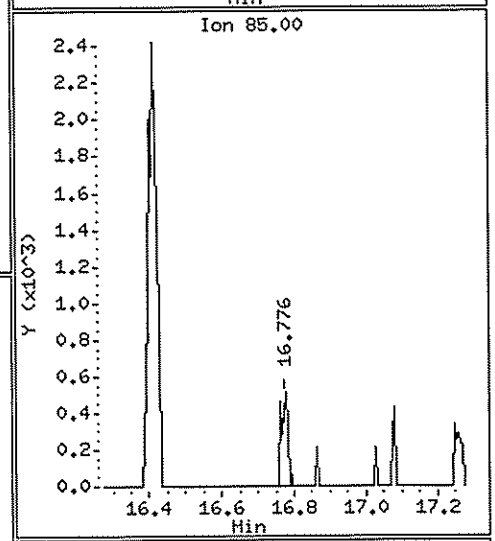
75 1,1,2,2-Tetrachloroethane

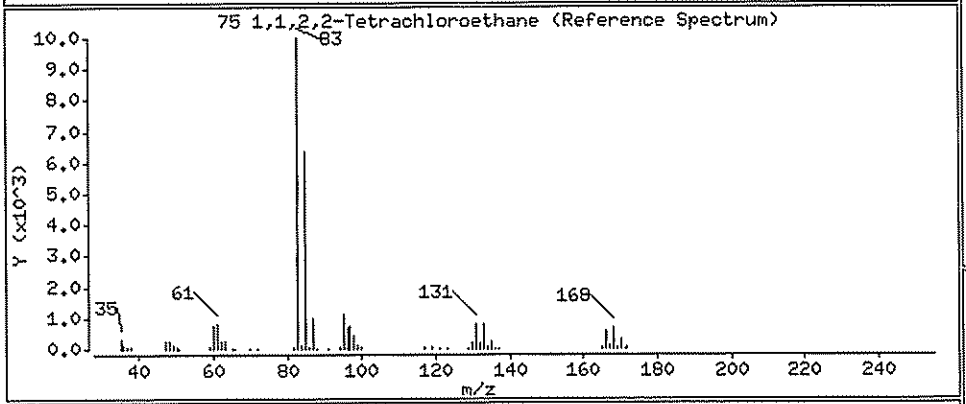
Concentration: 0.02552 ppb(v/v)

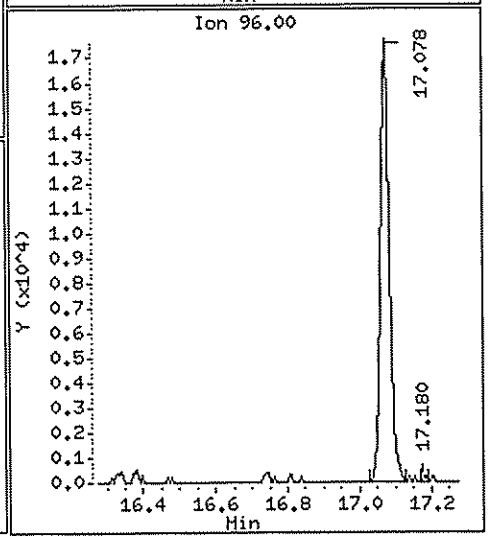


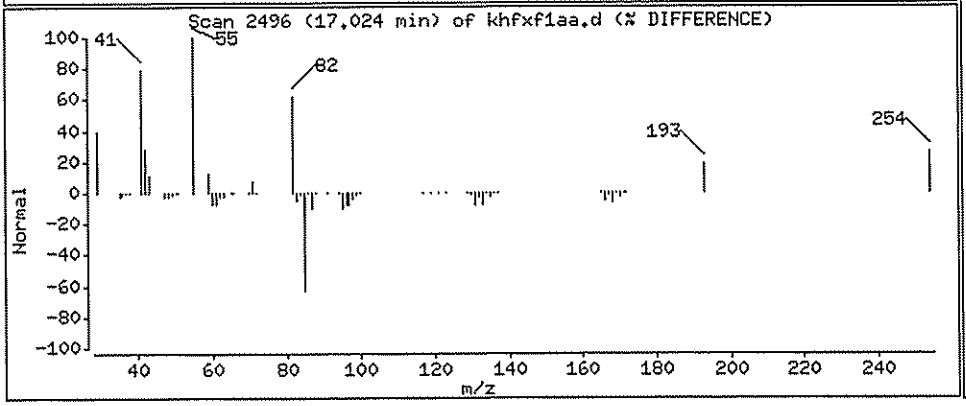












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

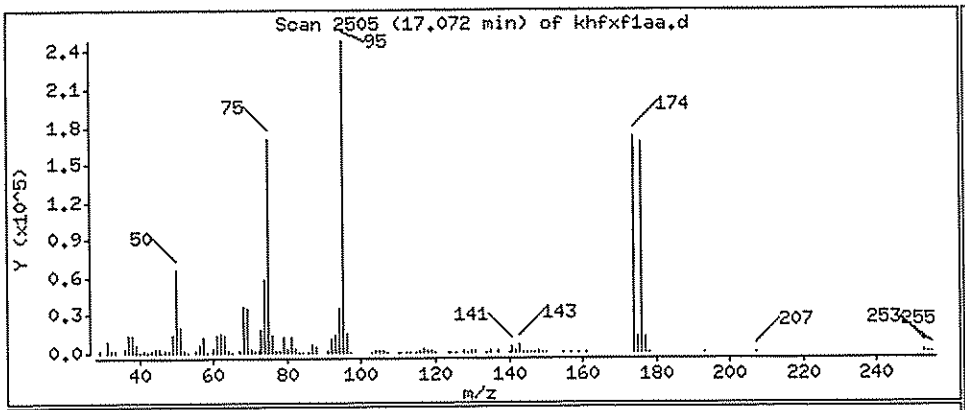
Operator: 7126

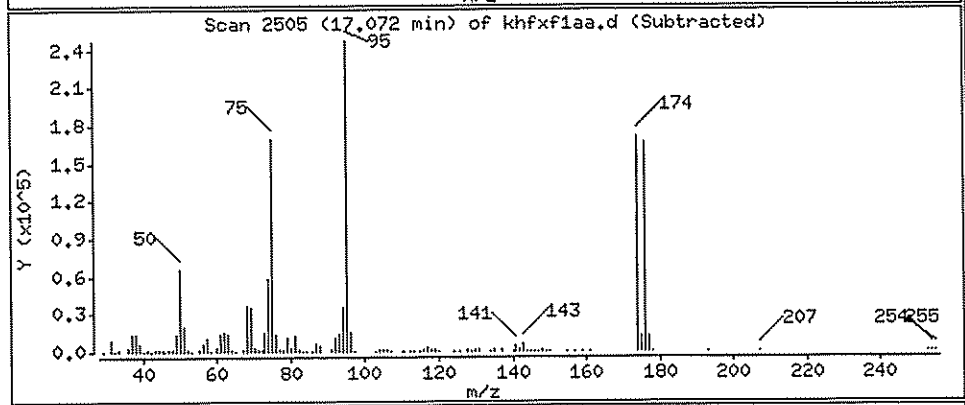
Column phase: HP-5

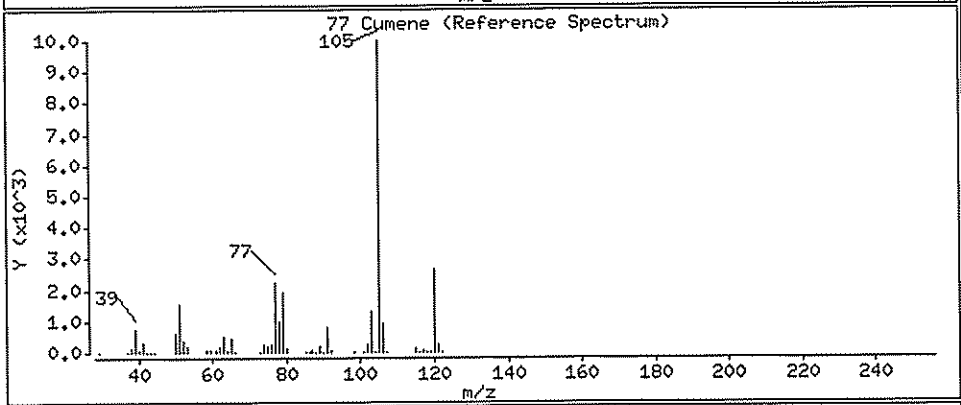
Column diameter: 0.32

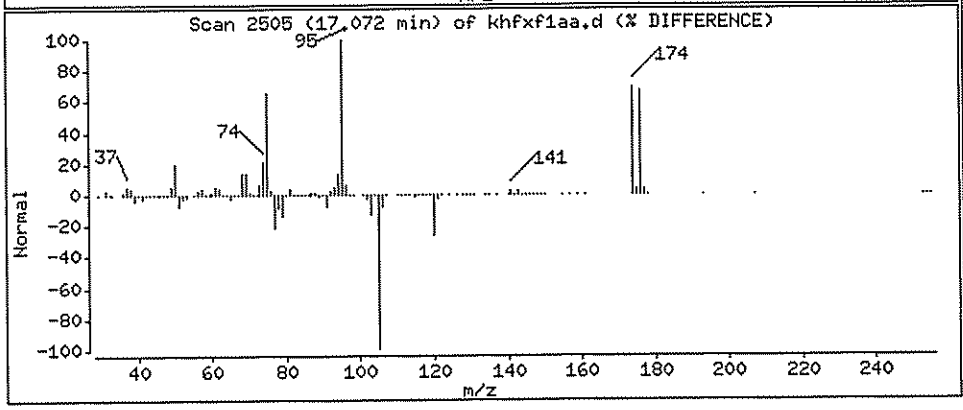
77 Cumene

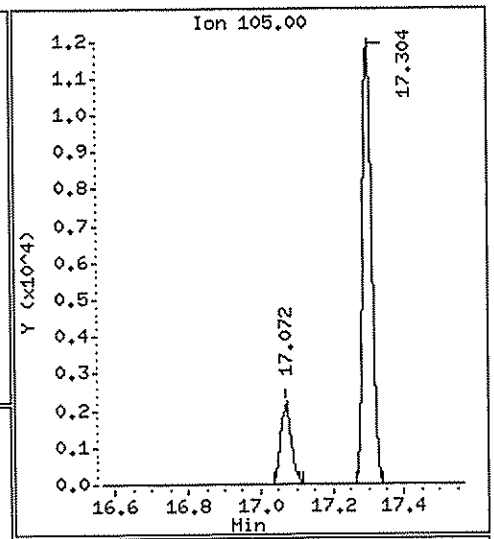
Concentration: 0.03166 ppb(v/v)

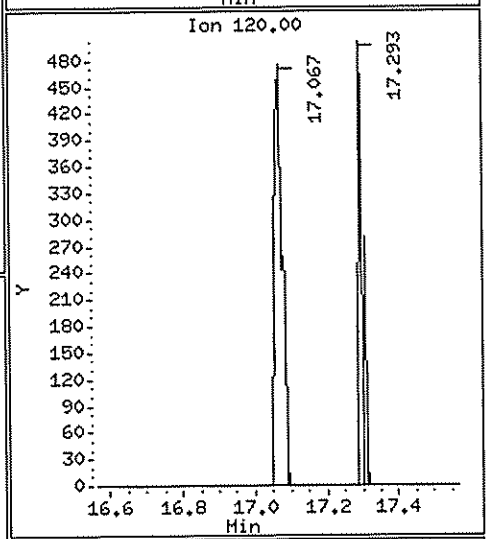


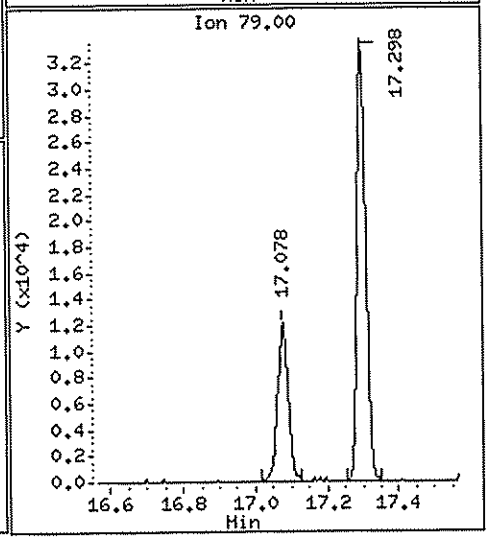












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

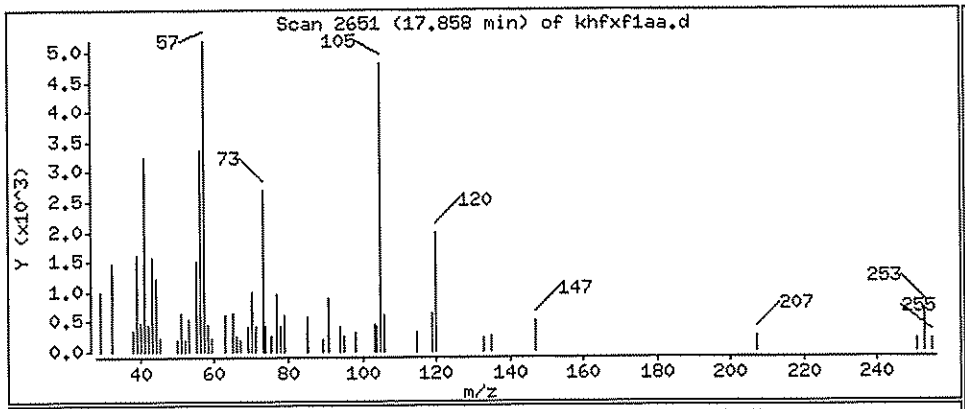
Operator: 7126

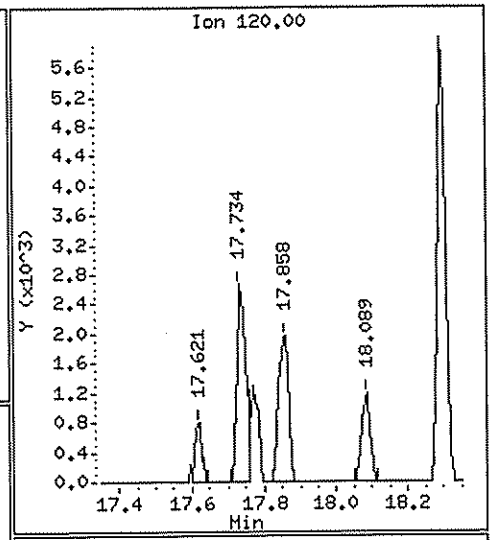
Column phase: HP-5

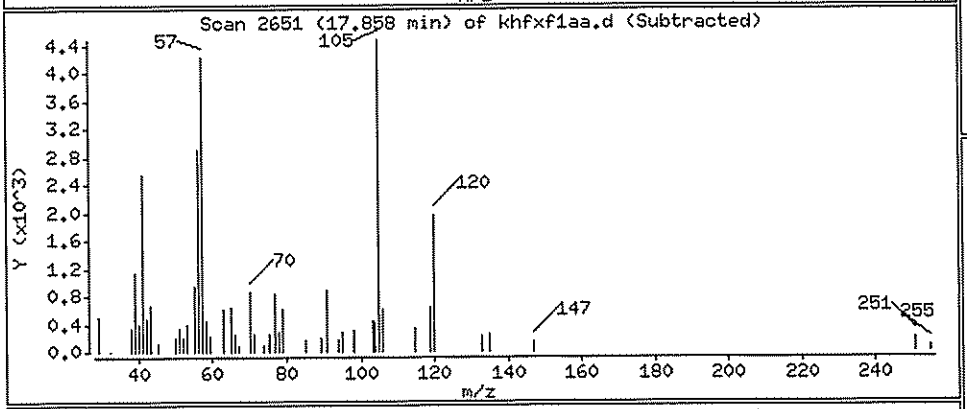
Column diameter: 0.32

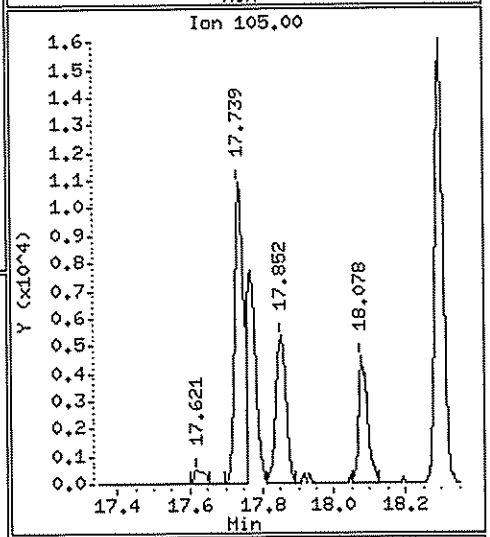
81 1,3,5-Trimethylbenzene

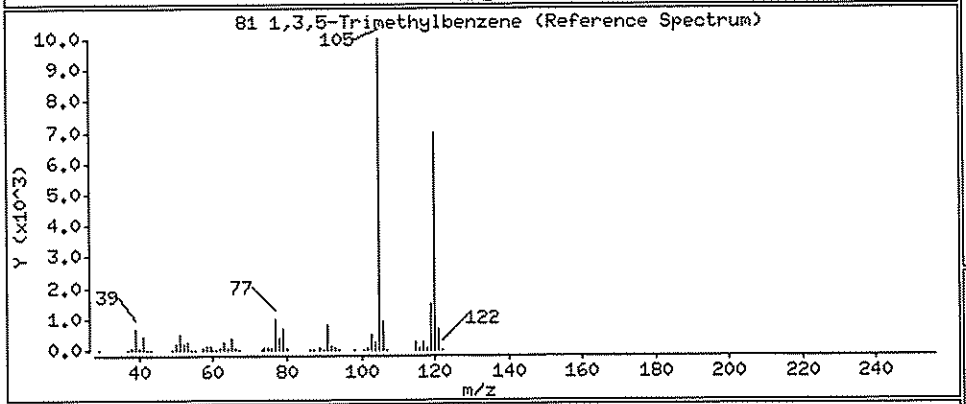
Concentration: 0.08346 ppb(v/v)

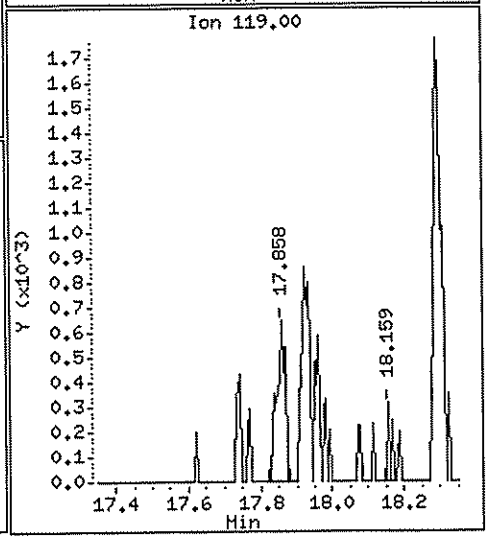


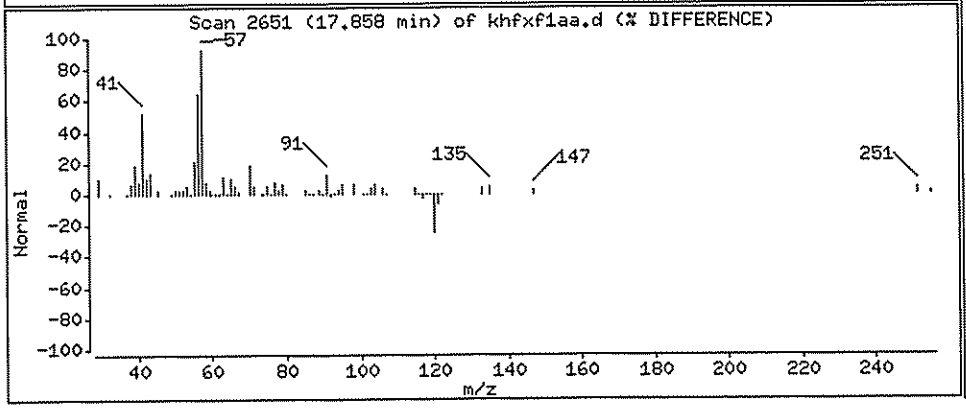












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

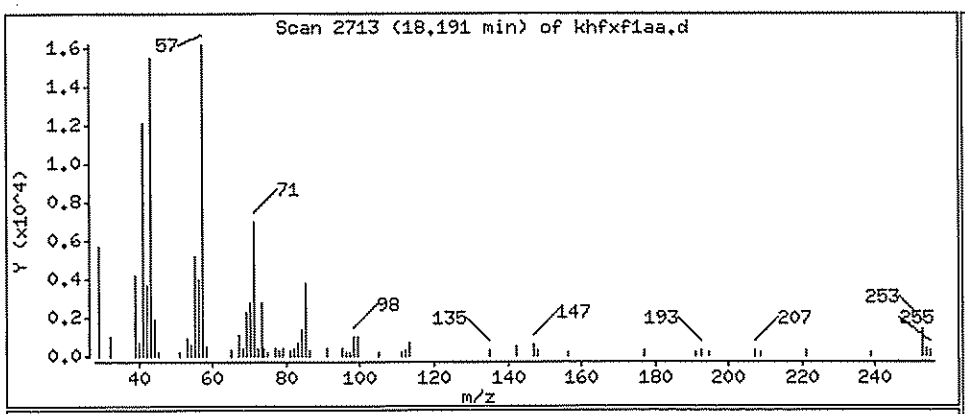
Operator: 7126

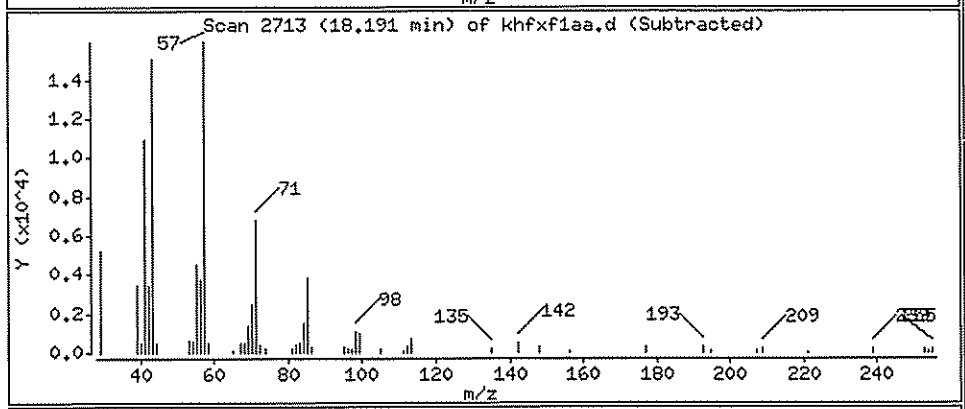
Column phase: HP-5

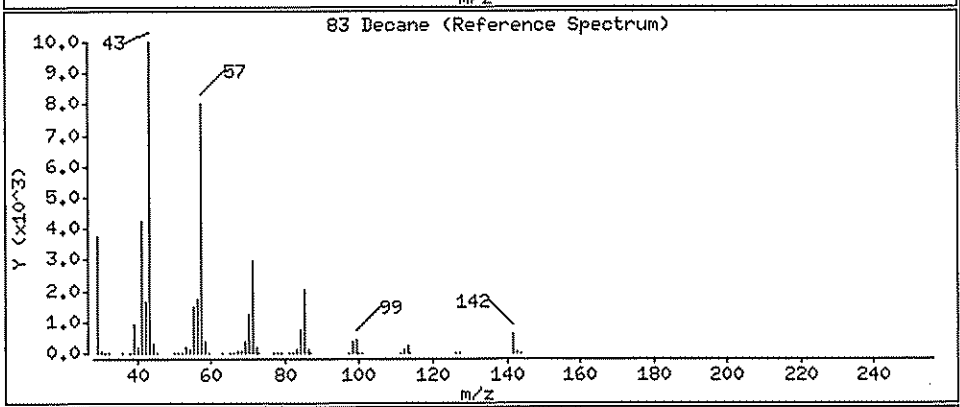
Column diameter: 0.32

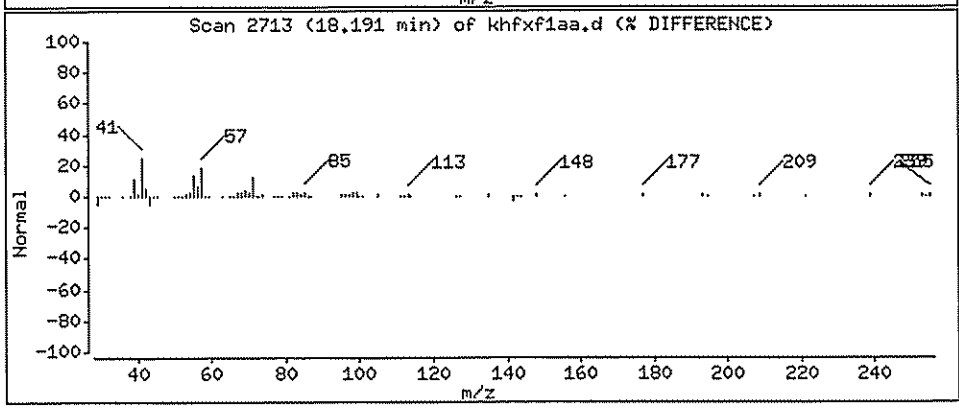
83 Decane

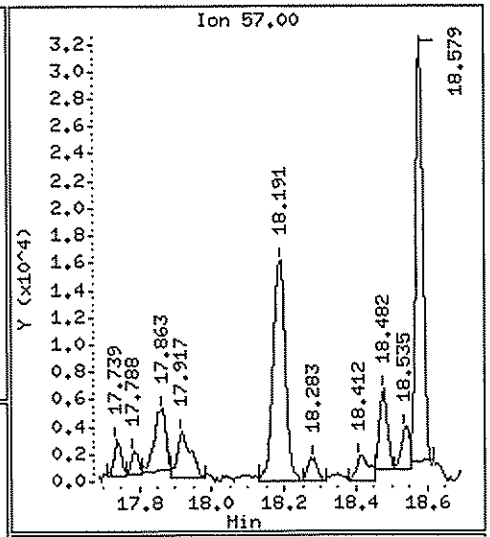
Concentration: 0.5518 ppb(v/v)

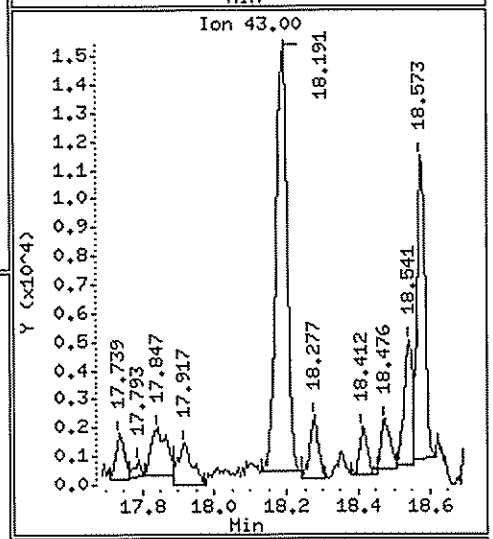


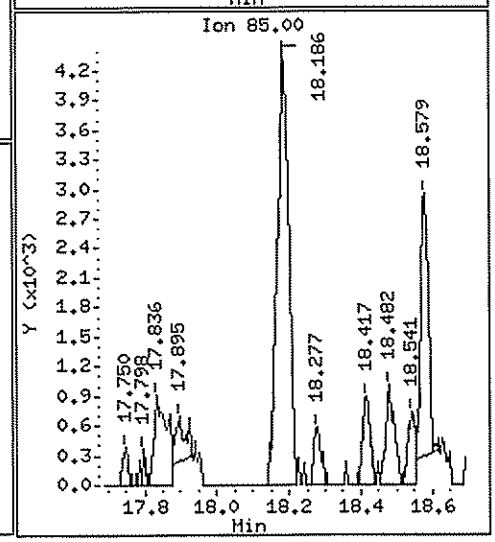












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

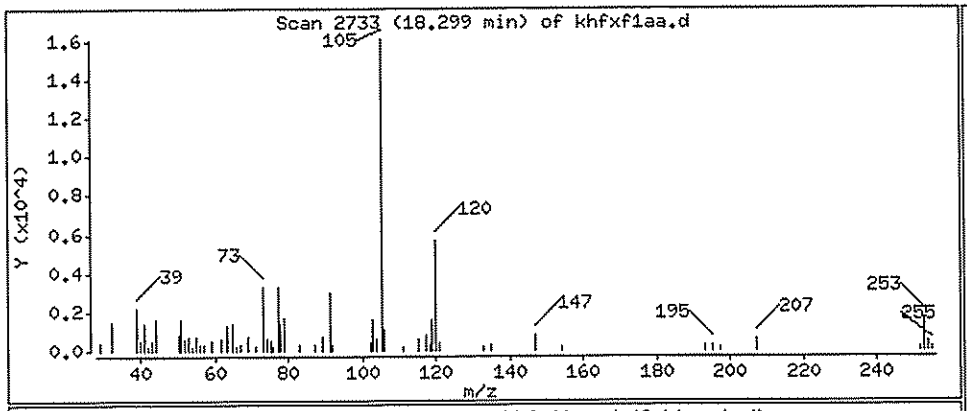
Operator: 7126

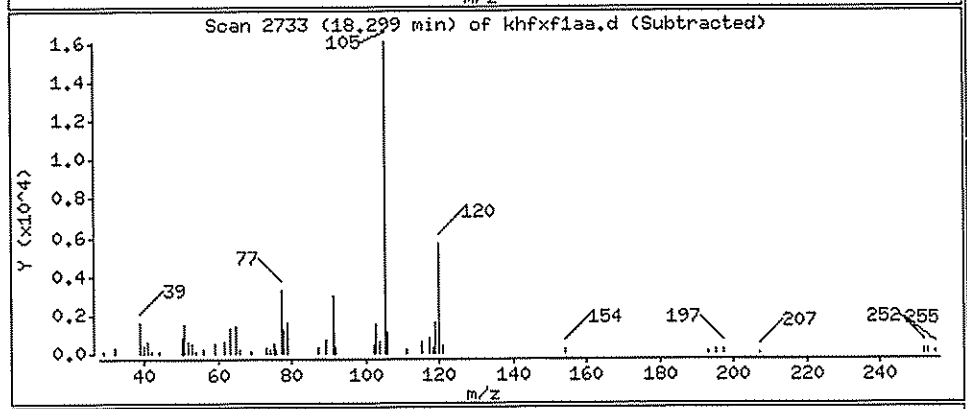
Column phase: HP-5

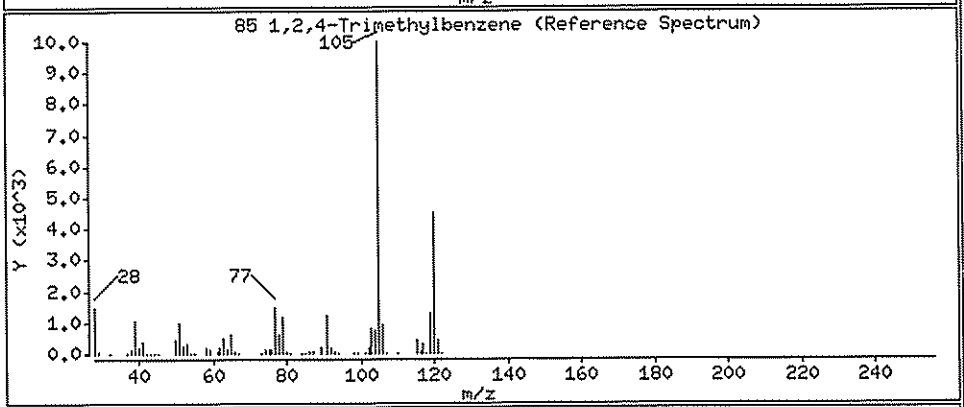
Column diameter: 0.32

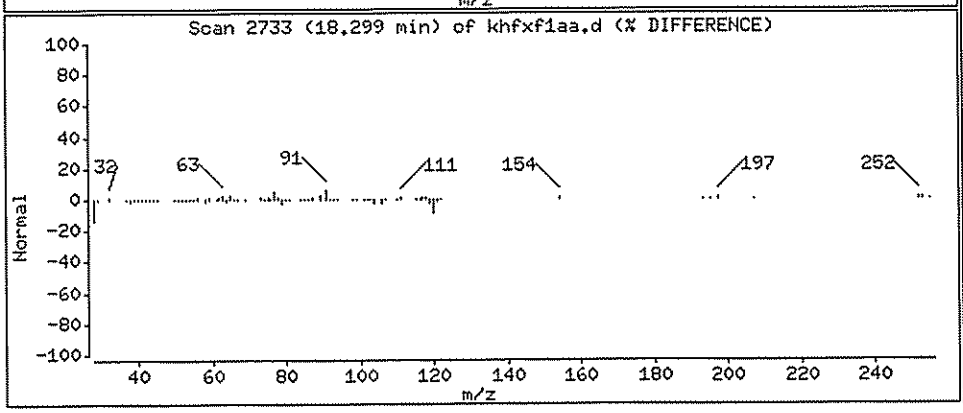
85 1,2,4-Trimethylbenzene

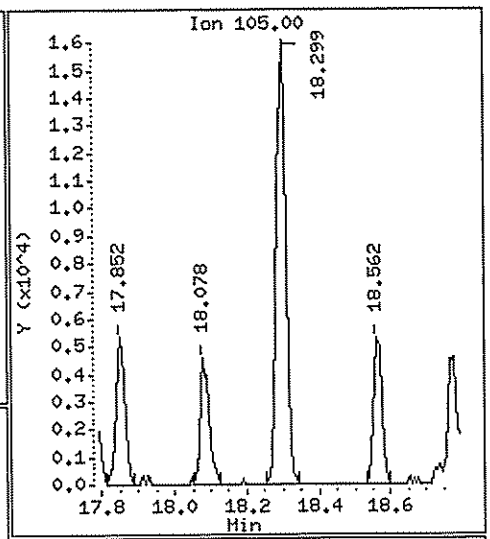
Concentration: 0.2332 ppb(v/v)

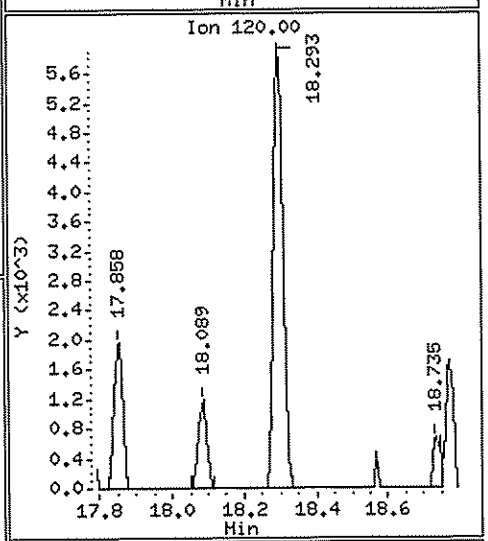


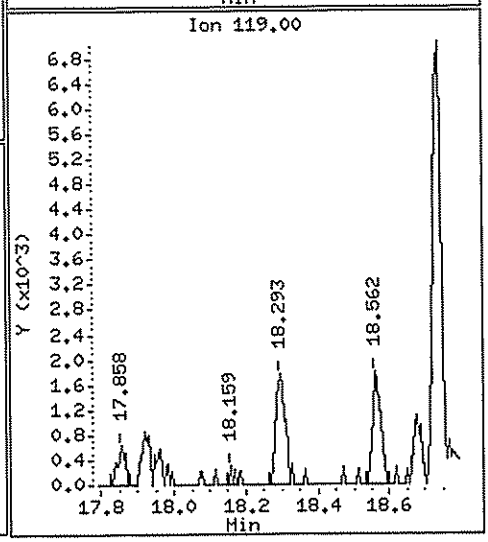












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

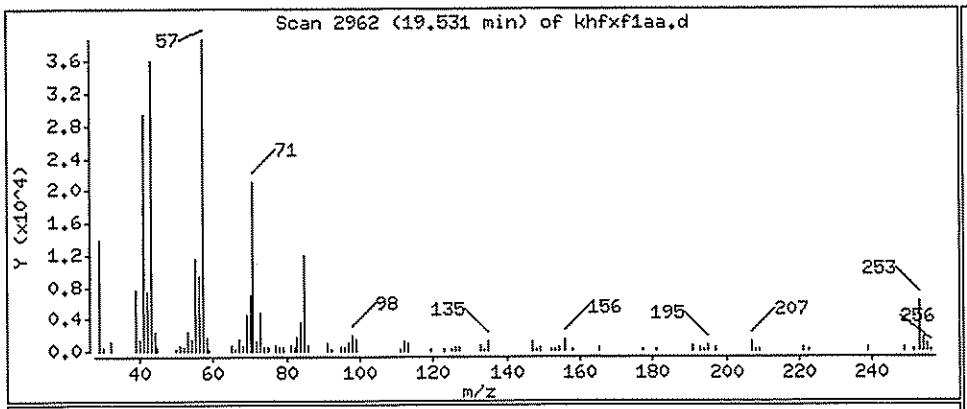
Operator: 7126

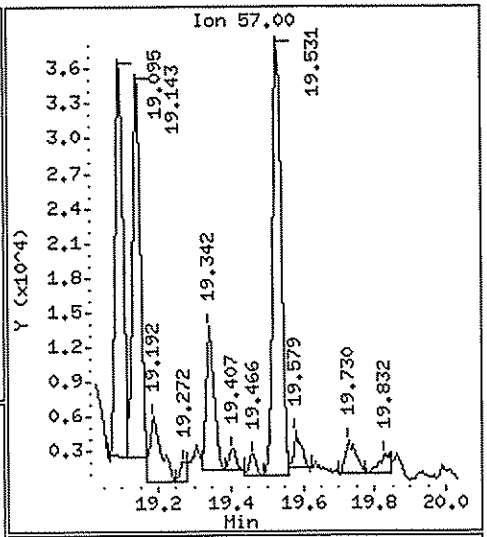
Column phase: HP-5

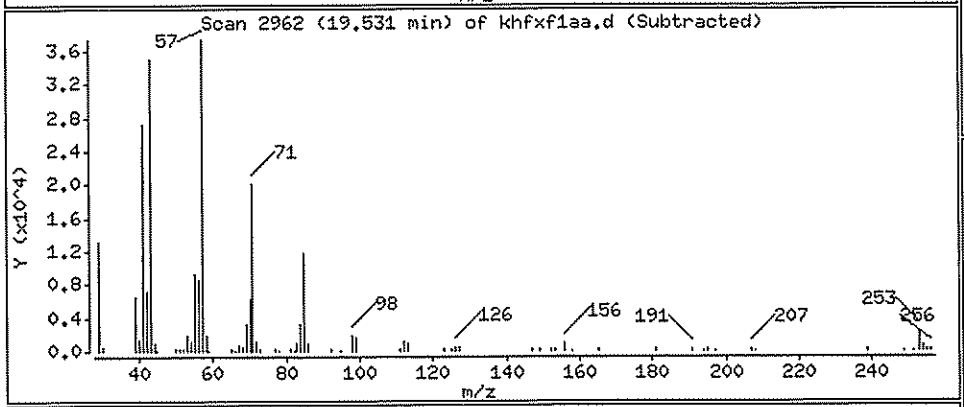
Column diameter: 0.32

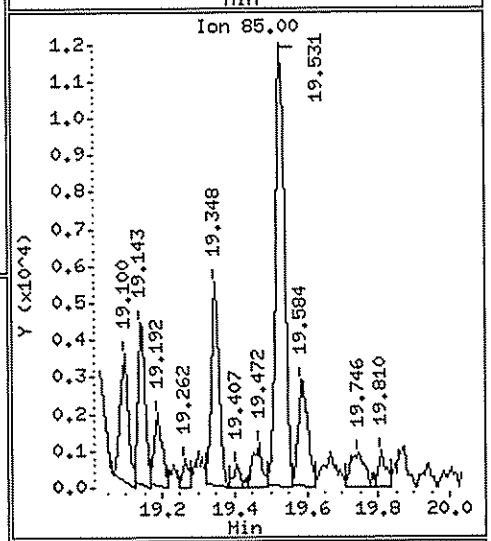
93 Undecane

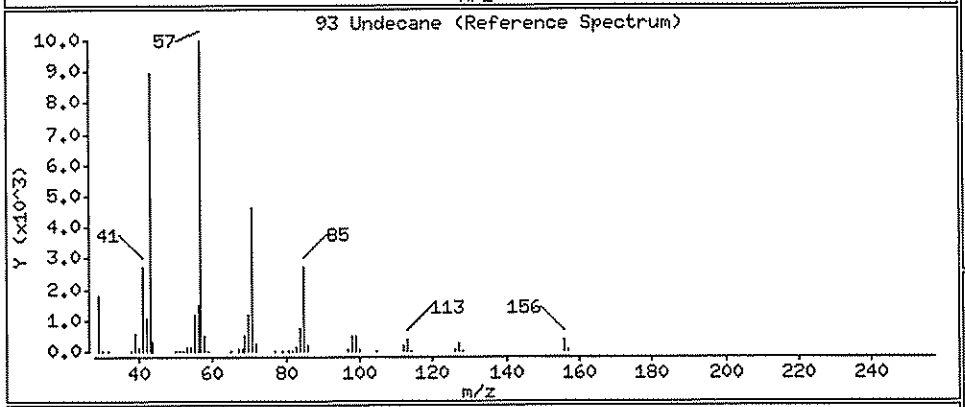
Concentration: 0.7465 ppb(v/v)

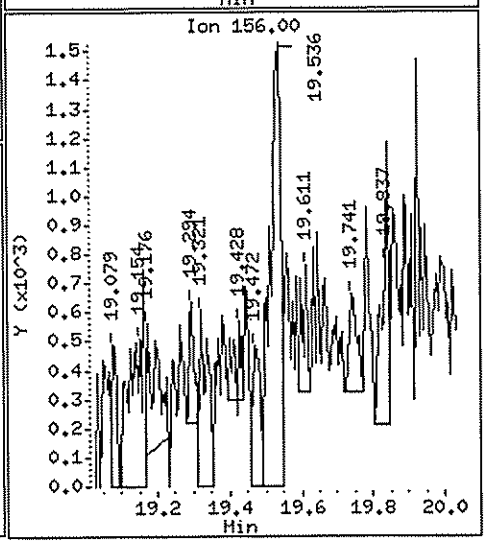


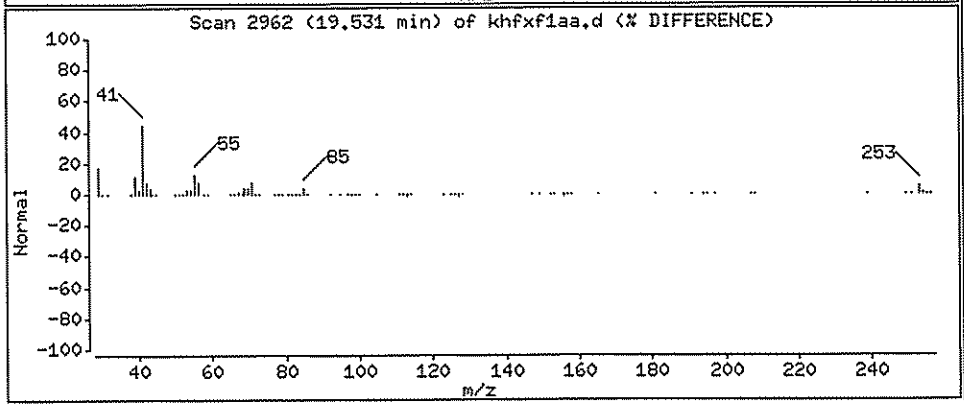












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d

Date : 25-FEB-2008 11:34

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

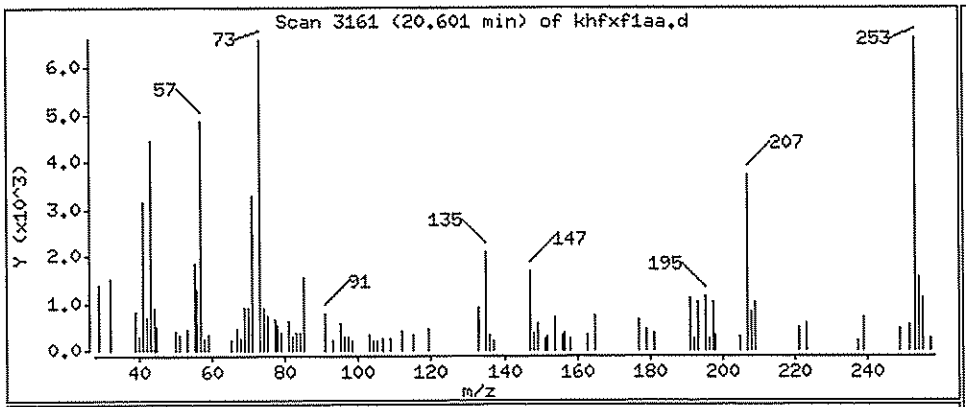
Operator: 7126

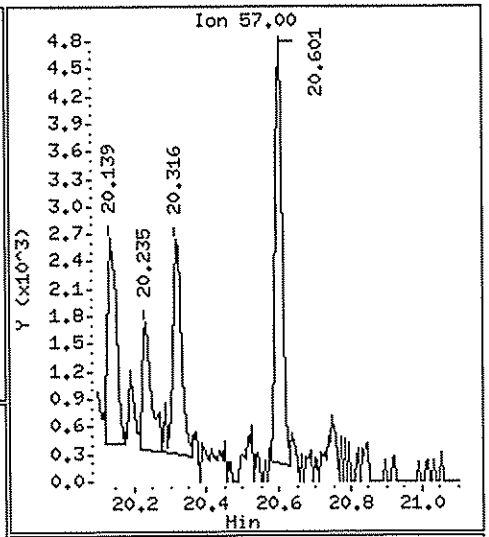
Column phase: HP-5

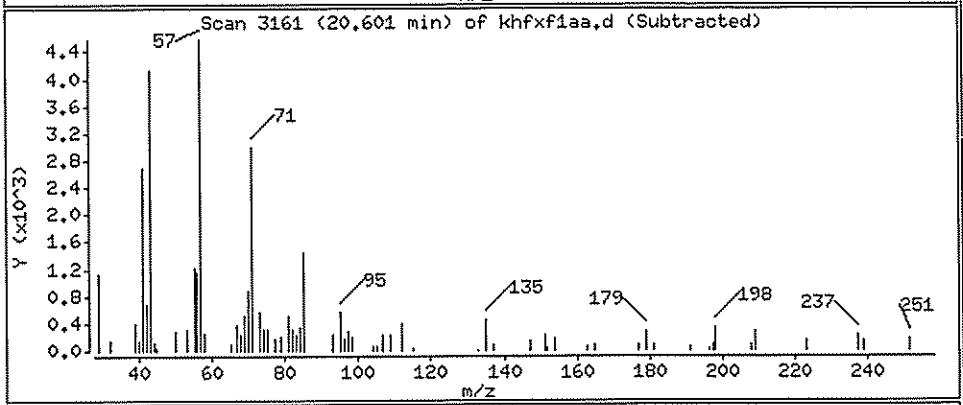
Column diameter: 0.32

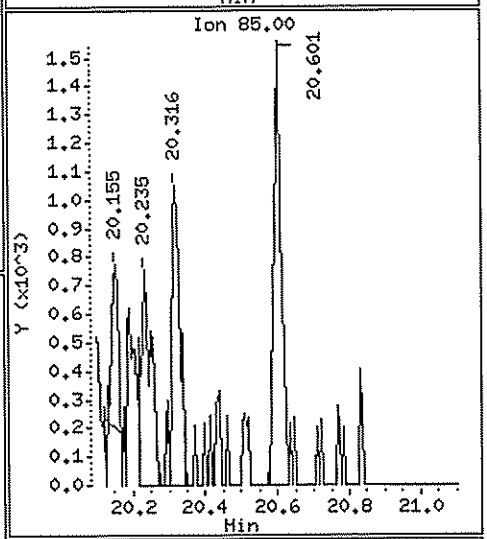
94 Dodecane

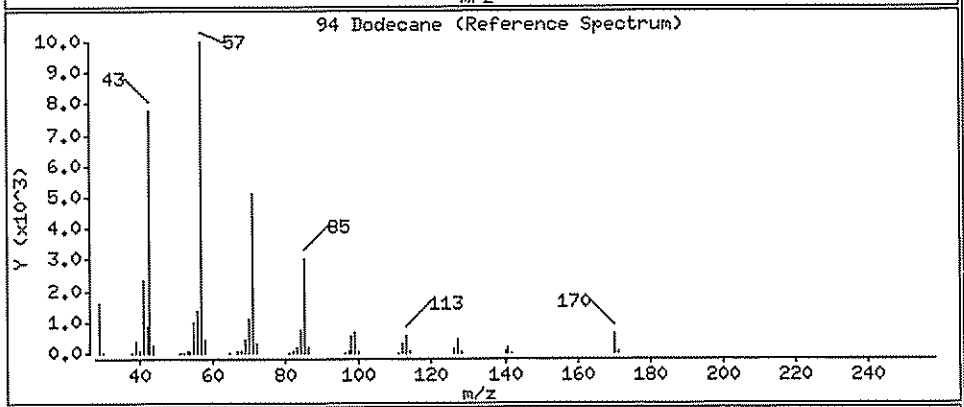
Concentration: 0.07476 ppb(v/v)

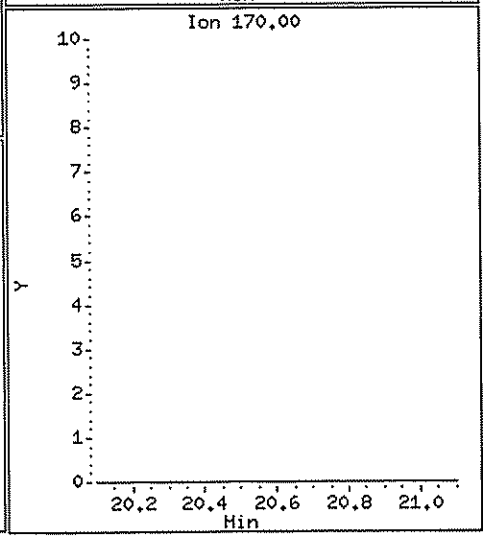


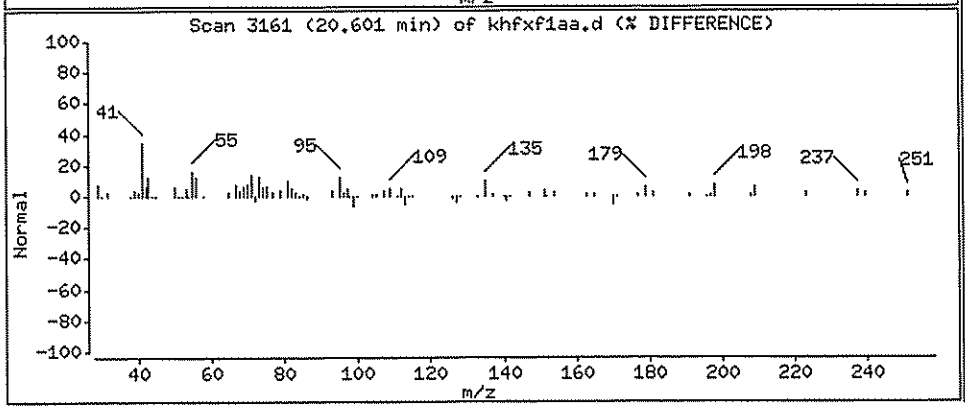












Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d
Report Date: 26-Feb-2008 13:35

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/khfxf1aa.d
Lab Smp Id: KHFXF1AA Client Smp ID: SV-07-01-SS
Inj Date : 25-FEB-2008 11:34
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022508,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 12:25 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

ISTD	RT	HEIGHT	AMOUNT
* 1 Bromochloromethane	8.443	398750	4.000
* 3 Chlorobenzene-d5	15.421	998402	4.000

		CONCENTRATIONS			QUANT		
RT	HEIGHT	ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	LIBRARY	LIB ENTRY	CPND #
Methyl Alcohol				CAS #: 67-56-1			
4.021	1056158	10.5946884	10.59	4	NIST05.1	30	1
Ethyl alcohol				CAS #: 64-17-5			
4.635	2232818	22.3981743	22.40	90	NIST05.1	93	1

NA

2/26/08

Data File: /var/chem/gcms/me.i/E022508.b/khfxf1aa.d
Report Date: 26-Feb-2008 13:35

RT	HEIGHT	CONCENTRATIONS ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Acetone				CAS #: 67-64-1			
5.194	947470	9.50440125	9.504	72	NIST05.1	209	1
1R-.alpha.-Pinene				CAS #: 7785-70-8			
17.298	491044	1.96731978	1.967	97	NIST05.1	15188	3
Limonene				CAS #: 138-86-3			
18.815	377571	1.51270130	1.513	94	NIST05.1	15154	3

NA

2/26/08

TestAmerica Buffalo

Client Sample ID: SV-07-01-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 001 **Work Order #** KHFXF2AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.0	ND	5.8
1-Methylnaphthalene	ND	1.0	ND	5.8
Indene	ND	0.16	ND	0.76
Thiophene	ND	0.080	ND	0.28
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Indane	ND	0.080	ND	0.39

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022608.b/khfxf2aa.d
Report Date: 27-Feb-2008 07:22

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022608.b/khfxf2aa.d
Lab Smp Id: KHFXF2AA Client Smp ID: SV-07-01-SS
Inj Date : 26-FEB-2008 18:35
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022608,TO155,newyork.sub,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022608.b/TO155.m
Meth Date : 27-Feb-2008 07:21 tajh Quant Type: ISTD
Cal Date : 26-FEB-2008 11:39 Cal File: nyextra.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: newyork.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.438	8.433	(1.000)	63624	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.633	10.627	(1.000)	316047	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	279036	4.00000	4.000
99 ~ Thiophene	84	10.062	10.316	(0.946)	8326	0.22129	~~0.2213(A)~~
100 ~ 1,2,3-trimethylbenzene	105	18.772	18.772	(1.218)	5590	0.05766	0.05766(A)

2/27/08 MA

QC Flag Legend

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

Data File: /var/chem/gcms/me.i/E022608.b/khfxf2aa.d
Report Date: 27-Feb-2008 07:22

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: khfxf2aa.d
Lab Smp Id: KHFXF2AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022608.b/TO155.m
Misc Info: E022608,TO155,newyork.sub,,,500 ML

Calibration Date: 26-FEB-2008
Calibration Time: 09:31
Client Smp ID: SV-07-01-SS
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	68800	40936	96664	63624	-7.52
2 1,4-Difluorobenze	353524	210347	496701	316047	-10.60
3 Chlorobenzene-d5	329407	195997	462817	279036	-15.29

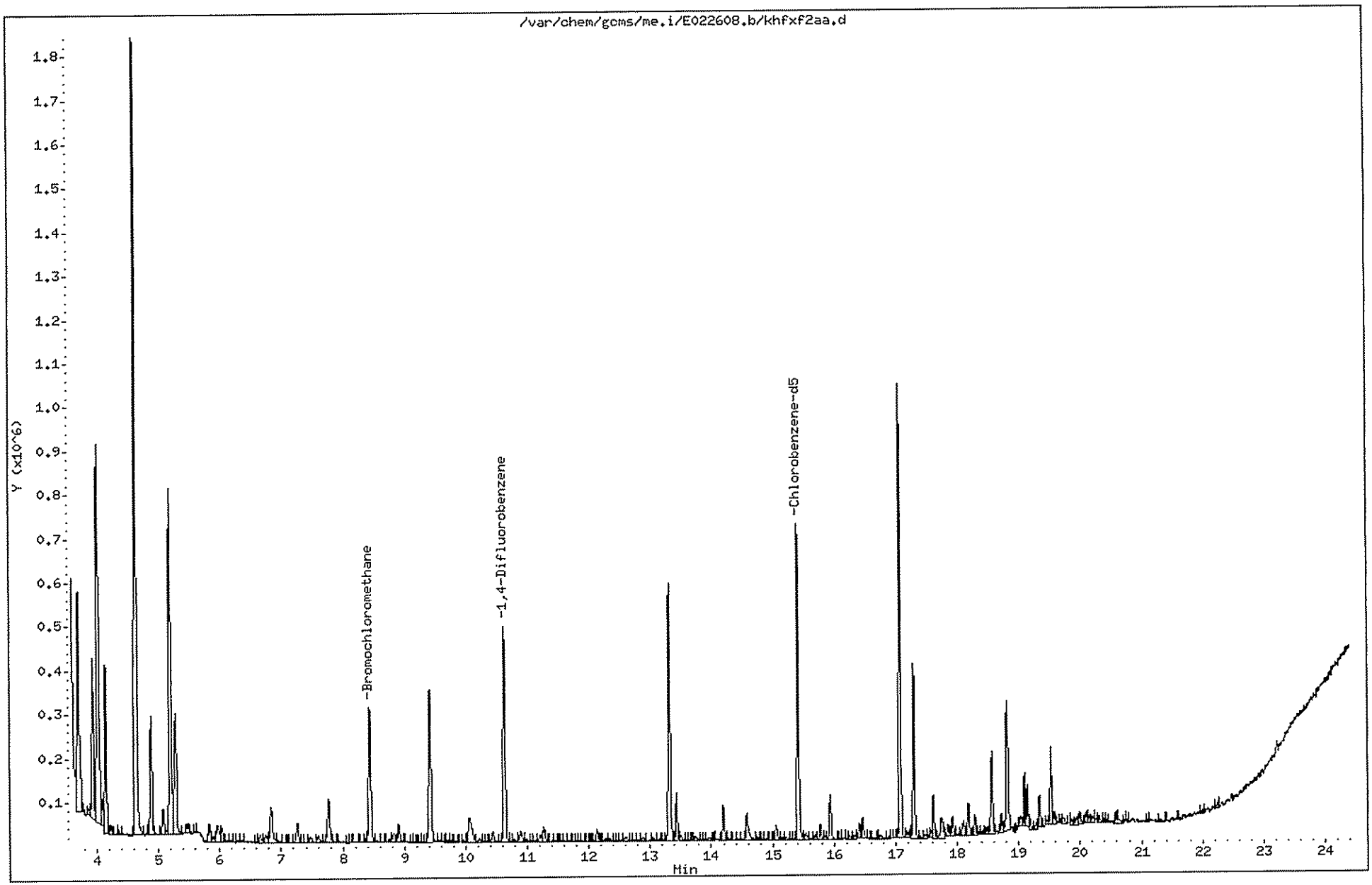
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.44	0.06
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.05
3 Chlorobenzene-d5	15.42	15.09	15.75	15.41	0.00

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: /var/chem/gcms/me.i/E022608.b/khfxf2aa.d
Date : 26-FEB-2008 18:35
Client ID: SV-07-01-SS
Sample Info: ,,0,,,,
Purge Volume: 500.0
Column phase: HP-5

Instrument: me.i

Operator: 7126
Column diameter: 0.32



Data File: /var/chem/gcms/me.i/E022608.b/khfxf2aa.d

Date : 26-FEB-2008 18:35

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

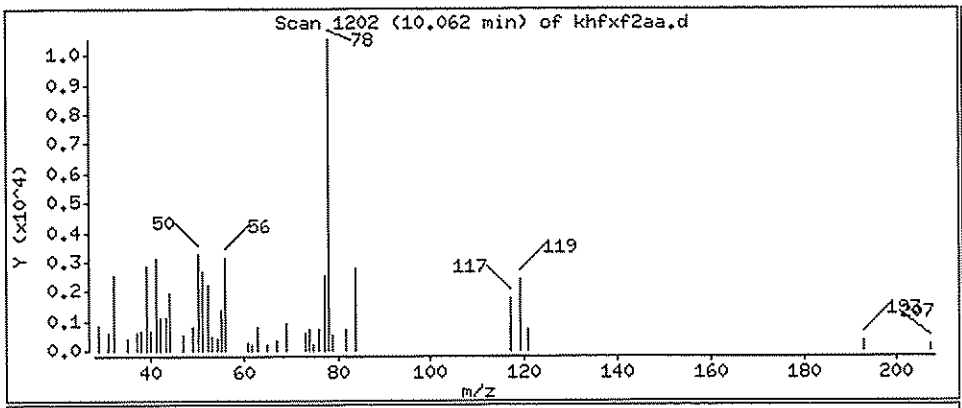
Operator: 7126

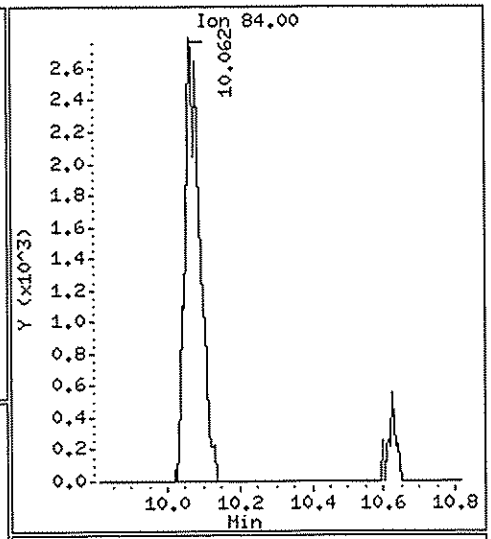
Column phase: HP-5

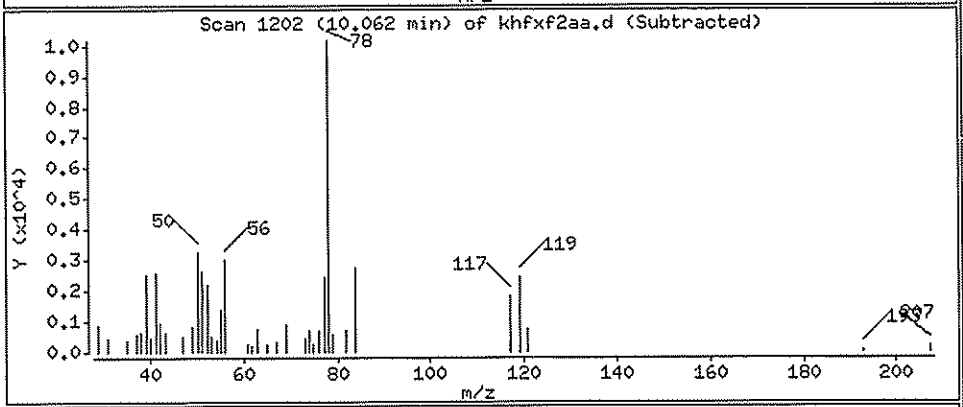
Column diameter: 0.32

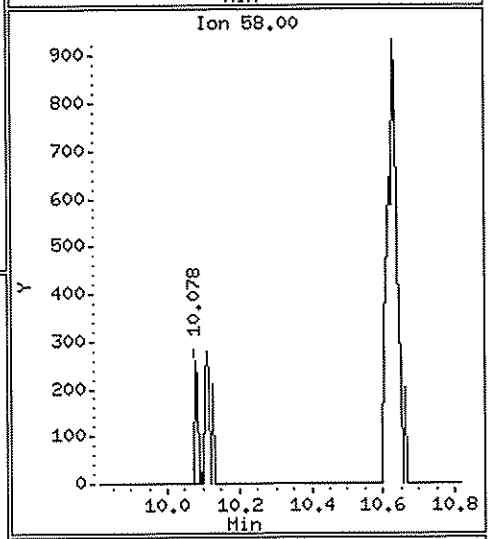
99 ~ Thiophene

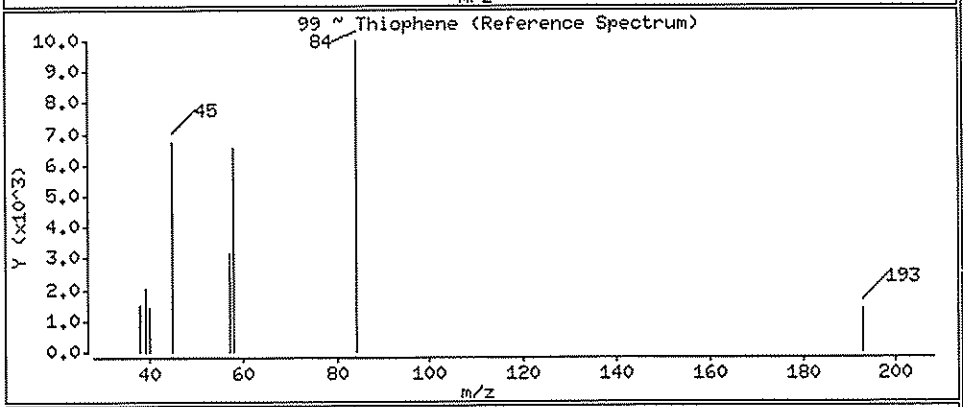
Concentration: 0.2213 ppb(v/v)

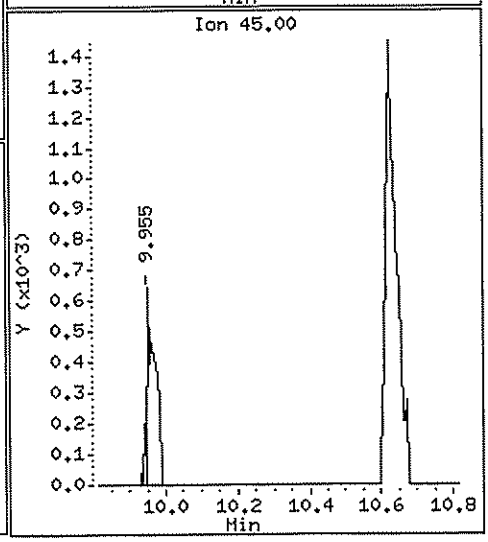


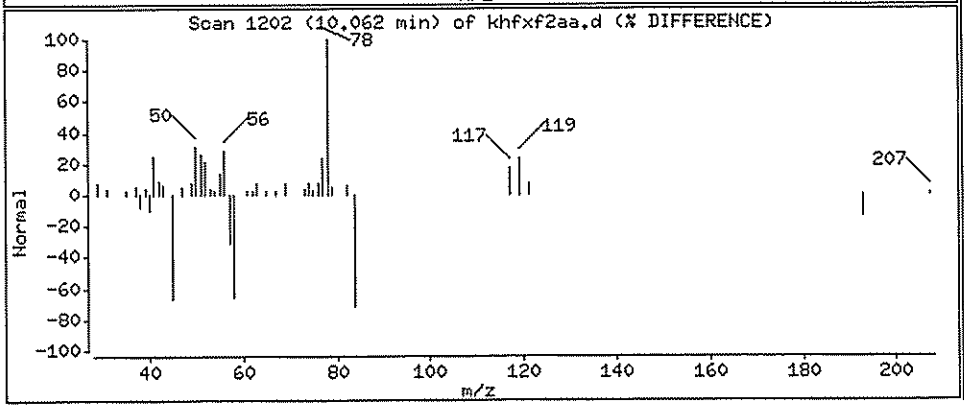












Data File: /var/chem/gcms/me.i/E022608.b/khfxf2aa.d

Date : 26-FEB-2008 18:35

Client ID: SV-07-01-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

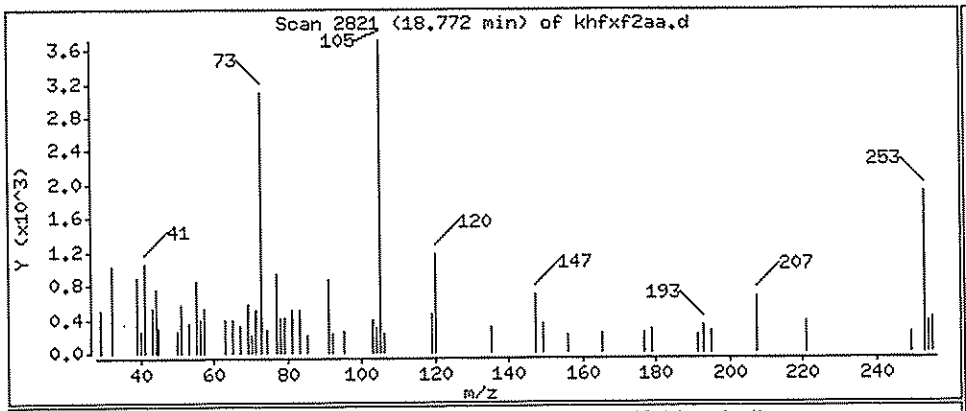
Operator: 7126

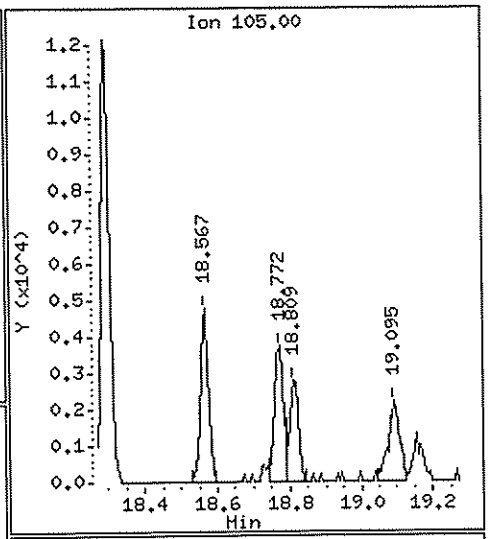
Column phase: HP-5

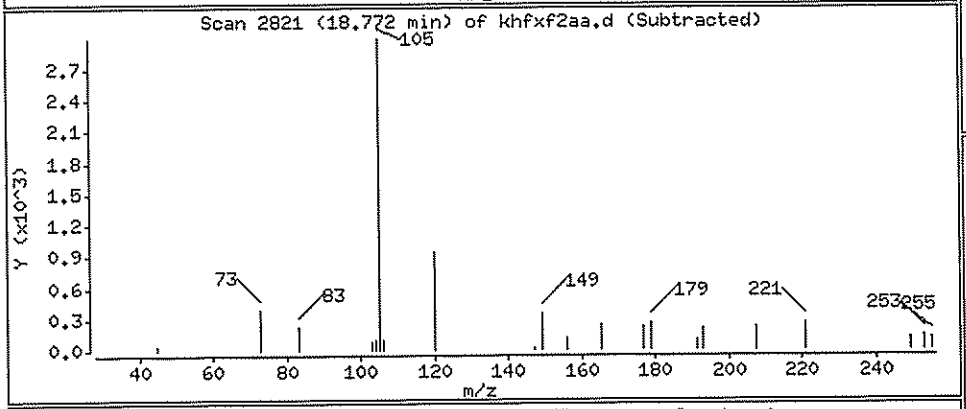
Column diameter: 0.32

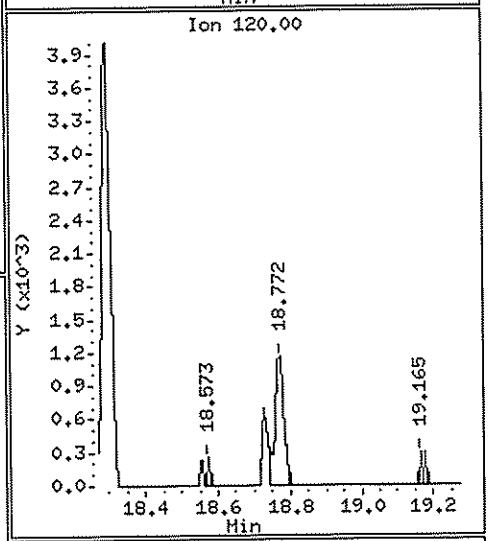
100 ~ 1,2,3-trimethylbenzene

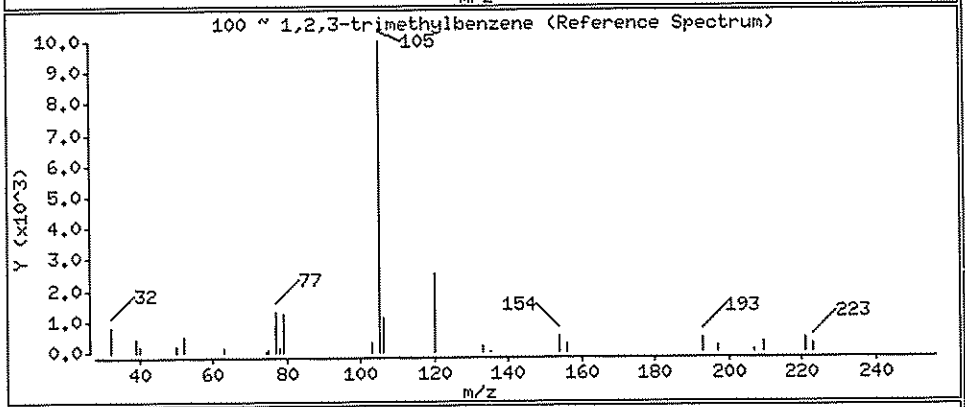
Concentration: 0.05766 ppb(v/v)

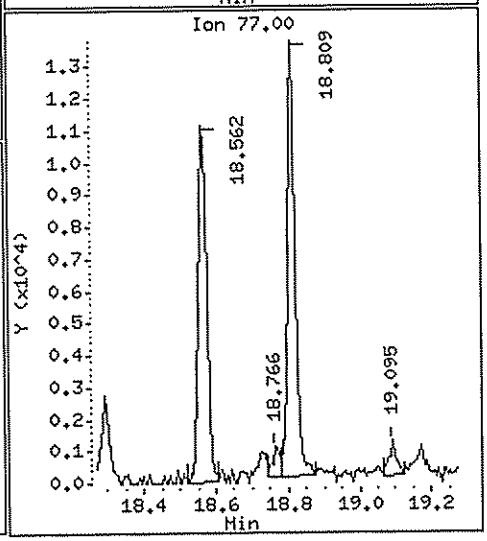


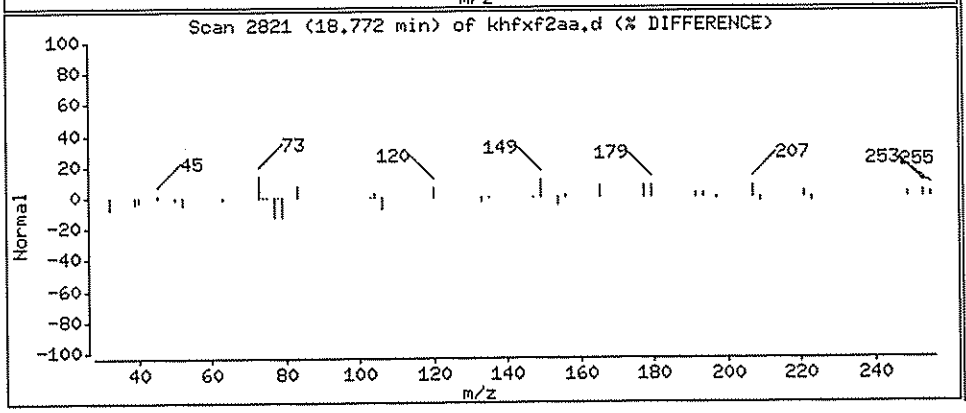












TestAmerica Buffalo

Client Sample ID: SV-07-01-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 002 **Work Order #** KHFXL1AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/25/08 **Analysis Date...** 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.022**	**0.080**	**0.15**	**J**	**0.56**
Ethylbenzene	**0.23**	**0.080**	**1.0**		**0.35**
Trichlorofluoromethane	**0.33**	**0.080**	**1.8**		**0.45**
n-Heptane	**0.34**	**0.20**	**1.4**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.79**	**0.20**	**2.8**		**0.70**
2,2,4-Trimethylpentane	**0.055**	**0.20**	**0.26**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.68**	**0.20**	**2.4**	**B**	**0.69**
Naphthalene	**0.073**	**0.16**	**0.38**	**J**	**0.84**
Benzene	**0.46**	**0.080**	**1.5**		**0.26**
n-Octane	**0.14**	**0.16**	**0.65**	**J**	**0.75**
Pentane	**2.2**	**0.32**	**6.5**		**0.94**
Styrene	ND	0.080	ND		0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.34**	**0.080**	**2.3**		**0.54**
Toluene	**0.57**	**0.080**	**2.1**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.019**	**0.080**	**0.10**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.16**	**0.080**	**0.77**		**0.39**
1,3,5-Trimethylbenzene	**0.052**	**0.080**	**0.25**	**J**	**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.24**	**0.080**	**1.1**		**0.35**
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.33**	**0.40**	**1.9**	**J**	**2.3**
n-Dodecane	**0.056**	**0.40**	**0.39**	**J**	**2.8**
n-Undecane	**0.24**	**0.40**	**1.5**	**J**	**2.6**
1,1,2-Trichlorotrifluoroethane	**0.098**	**0.080**	**0.75**		**0.61**
Nonane	**0.15**	**0.16**	**0.77**	**J**	**0.84**
m-Xylene & p-Xylene	**0.69**	**0.080**	**3.0**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**7.2**	**0.16**	**17**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	**0.11**	**0.080**	**0.66**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.025**	**0.080**	**0.12**	**J**	**0.39**

TestAmerica Buffalo

Client Sample ID: SV-07-01-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 002 **Work Order #** KHFXL1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	**0.78**	**0.20**	**1.6**	**0.41**
2-Methylbutane	**3.1**	**0.20**	**9.2**	**0.59**
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.56**	**0.080**	**2.8**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	112	70 - 130
Toluene-d8	103	70 - 130
4-Bromofluorobenzene	103	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d
Report Date: 26-Feb-2008 08:16

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/khfxl1aa.d
Lab Smp Id: KHFXL1AA Client Smp ID: SV-07-01-INA
Inj Date : 25-FEB-2008 12:18
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022508,TO155,,,760 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 08:15 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.438	8.433	(1.000)	85013	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.633	10.628	(1.000)	431915	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.421	15.415	(1.000)	393515	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	9.417	9.406	(0.886)	175259	4.46667	4.467
$ 5 Toluene-d8	98	13.317	13.317	(0.864)	474590	4.13871	4.139
$ 6 4-Bromofluorobenzene	95	17.078	17.078	(1.107)	453466	4.13309	4.133
9 Dichlorodifluoromethane	85	3.736	3.731	(0.443)	95215	0.56353	0.5635
11 1,2-Dichlorotetrafluoroethane	135	3.908	3.903	(0.463)	1641	0.02213	0.02213
10 Chloromethane	52	3.892	3.892	(0.461)	7735	0.77839	0.7784
13 Vinyl Chloride	62	3.704	4.048	(0.439)	1266	0.03425	~~0.03425~~
14 n-Butane	43	4.140	4.129	(0.491)	327316	7.22418	7.224
16 Bromomethane	94	4.436	4.414	(0.526)	535	0.01357	~~0.01357~~
19 2-methyl butane	43	4.882	4.866	(0.579)	99805	3.10082	3.101
20 Trichlorofluoromethane	101	5.076	5.060	(0.602)	51792	0.32545	0.3254
24 Pentane	72	5.286	5.270	(0.626)	10579	2.19313	2.193
30 1,1,2-Trichlorotrifluoroethane	101	5.899	5.888	(0.699)	6075	0.09805	0.09805

2/26/08

Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d
Report Date: 26-Feb-2008 08:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
31	Methylene Chloride	84	6.033	6.023	(0.715)	15879	0.68414	0.6841
38	Hexane	56	7.782	7.771	(0.922)	17187	0.79406	0.7941
42	Chloroform	83	8.449	8.449	(1.001)	1900	0.02535	0.02535
44	1,1,1-Trichloroethane	97	9.466	9.460	(1.122)	1788	0.01888	0.01888
46	Benzene	78	10.063	10.052	(0.946)	31421	0.45692	0.4569
49	Carbon Tetrachloride	117	10.090	10.079	(0.949)	12774	0.10522	0.1052
50	2,2,4-trimethylpentane	57	10.891	10.880	(1.024)	6519	0.05510	0.05510
51	Heptane	43	11.268	11.268	(1.060)	15402	0.34306	0.3431
61	Toluene	91	13.436	13.430	(0.871)	47710	0.56572	0.5657
62	1,1,2-Trichloroethane	97	13.333	13.500	(0.865)	53480	2.11716	~~2.117~~
64	Octane	85	14.189	14.183	(0.920)	3502	0.13823	0.1382
67	Tetrachloroethene	129	14.581	14.582	(0.946)	11451	0.33846	0.3385
69	Ethylbenzene	91	15.776	15.776	(1.023)	22914	0.23028	0.2303
72	Nonane	57	16.411	16.411	(1.064)	6783	0.14740	0.1474
70	m&p-Xylene	91	15.937	15.943	(1.033)	58908	0.69077	0.6908
74	o-Xylene	91	16.464	16.464	(1.068)	21609	0.24294	0.2429
75	1,1,2,2-Tetrachloroethane	83	17.185	16.776	(1.114)	3118	0.05427	~~0.05426~~
81	1,3,5-Trimethylbenzene	120	17.847	17.852	(1.157)	1976	0.05163	0.05163
83	Decane	57	18.191	18.191	(1.180)	19345	0.33464	0.3346
85	1,2,4-Trimethylbenzene	105	18.299	18.293	(1.187)	16416	0.15681	0.1568
93	Undecane	57	19.531	19.531	(1.267)	16031	0.23939	0.2394
94	Dodecane	57	20.601	20.601	(1.336)	3743	0.05640	0.05640
96	Napthalene	128	20.865	20.860	(1.353)	5824	0.07323	0.07323

2/26/08

Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d
Report Date: 26-Feb-2008 08:16

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: khfxl1aa.d
Lab Smp Id: KHFXL1AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022508.b/TO15S.m
Misc Info: E022508,TO15S,,,760 ML

Calibration Date: 25-FEB-2008
Calibration Time: 08:09
Client Smp ID: SV-07-01-INA
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	94875	56451	133299	85013	-10.39
2 1,4-Difluorobenze	467871	278383	657359	431915	-7.69
3 Chlorobenzene-d5	430258	256004	604512	393515	-8.54

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.44	0.06
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.05
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	0.03

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.

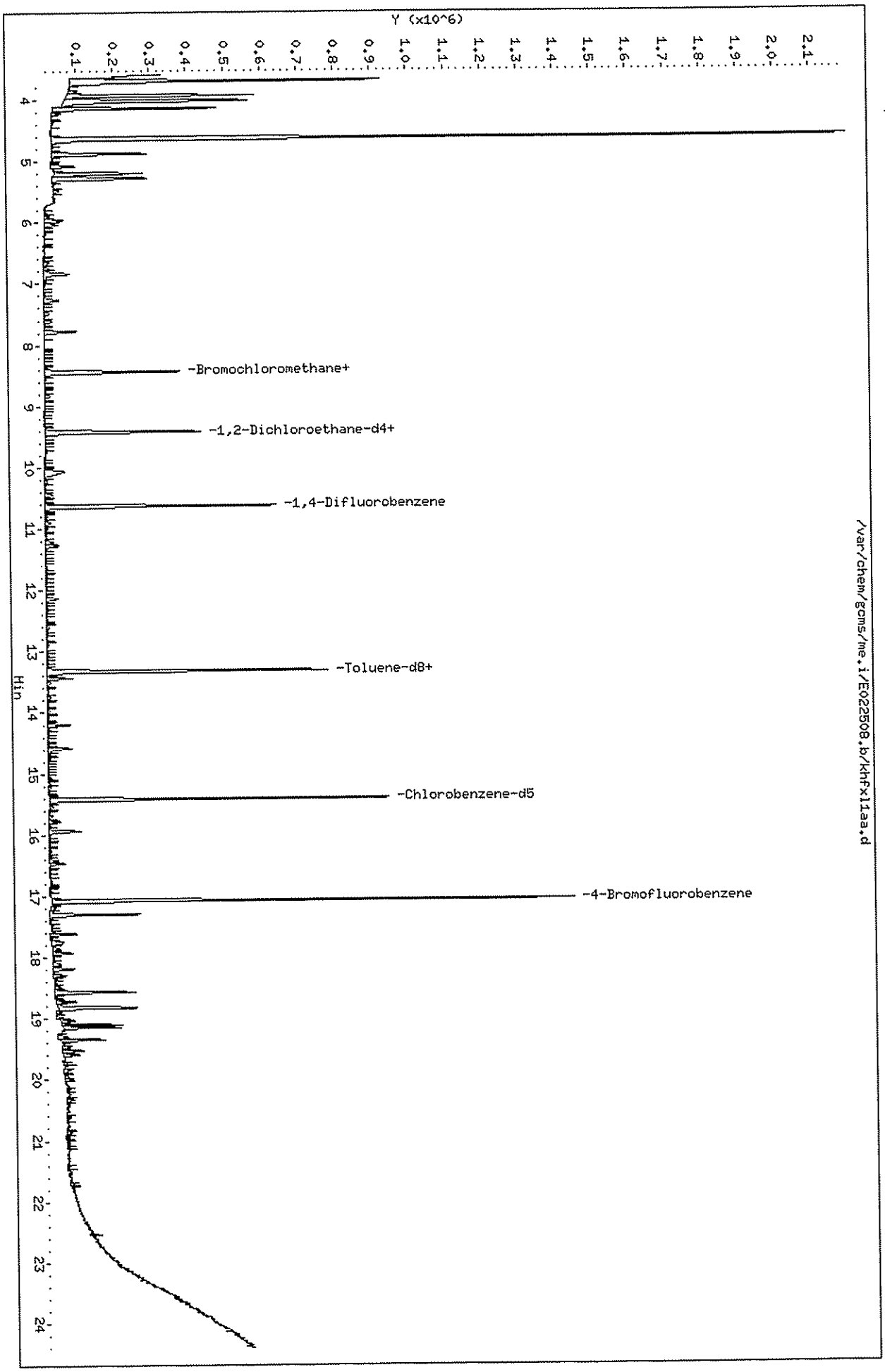
Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d
Report Date: 26-Feb-2008 08:16

TestAmerica Knoxville

RECOVERY REPORT

Client Name: TestAmerica Buffalo
Sample Matrix: GAS
Lab Smp Id: KHFXL1AA
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: seneca.sub
Client SDG: H8B210257
Fraction: OTHER
Client Smp ID: SV-07-01-INA
Operator: 7126
SampleType: SAMPLE
Quant Type: ISTD
Method File: /var/chem/gcms/me.i/E022508.b/TO155.m
Misc Info: E022508,TO155,,,760 ML

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	4.000	4.467	111.67	70-130
$ 5 Toluene-d8	4.000	4.139	103.47	70-130
$ 6 4-Bromofluorobenze	4.000	4.133	103.33	70-130


Data File: /var/chem/gcms/me.i/E022508.b/khfx11aa.d
Date : 25-FEB-2008 12:18
Client ID: SV-07-01-INA
Sample Info: ,,0,,,,
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
/var/chem/gcms/me.i/E022508.b/khfx11aa.d
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
-4-Bromofluorobenzene
Min

Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

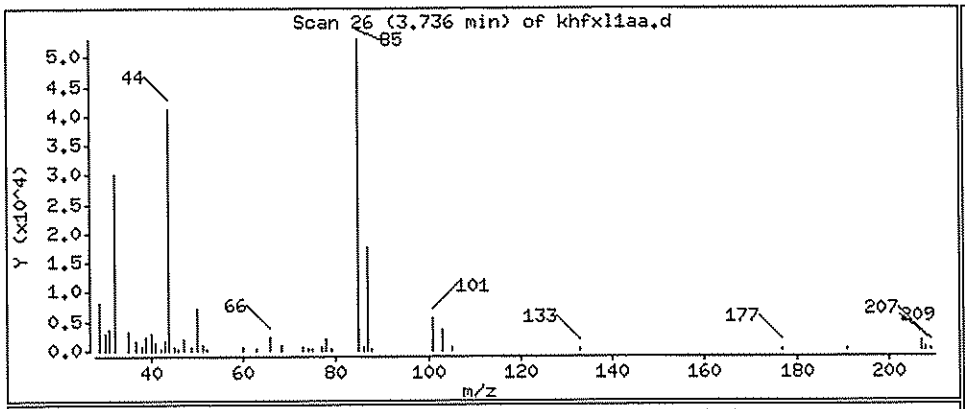
Operator: 7126

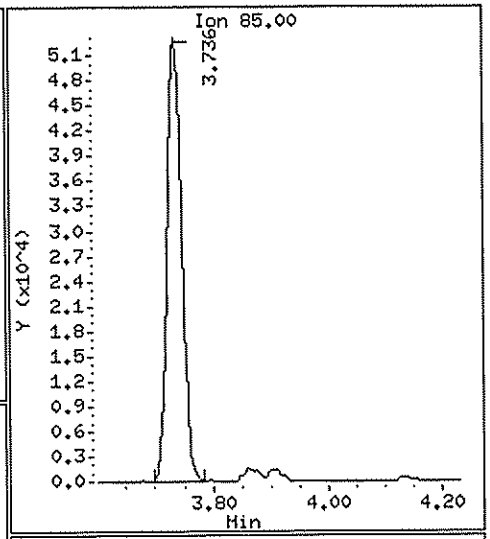
Column phase: HP-5

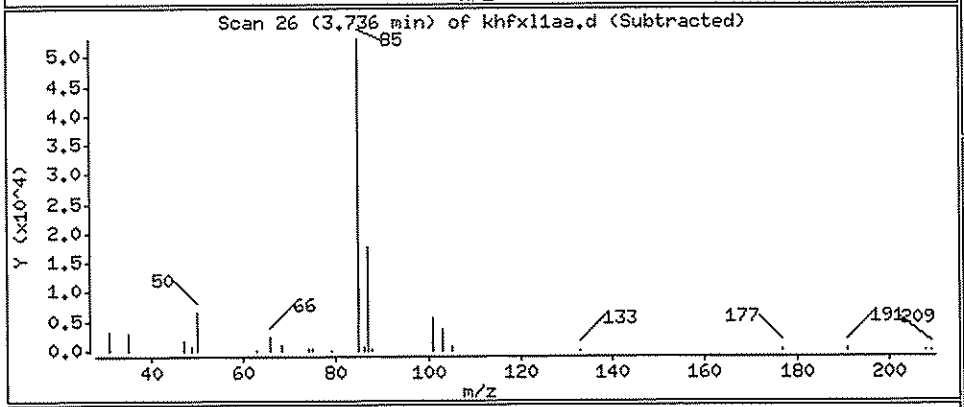
Column diameter: 0.32

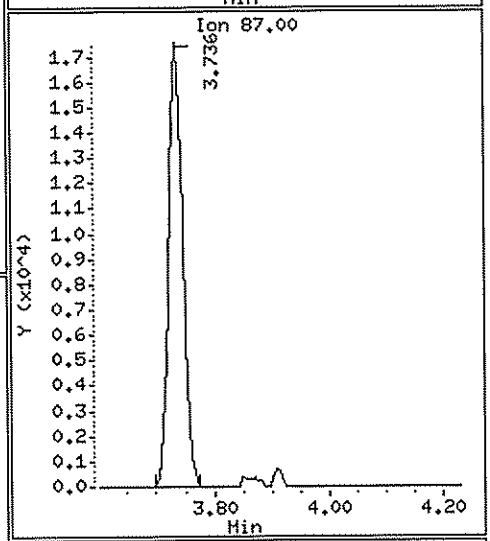
9 Dichlorodifluoromethane

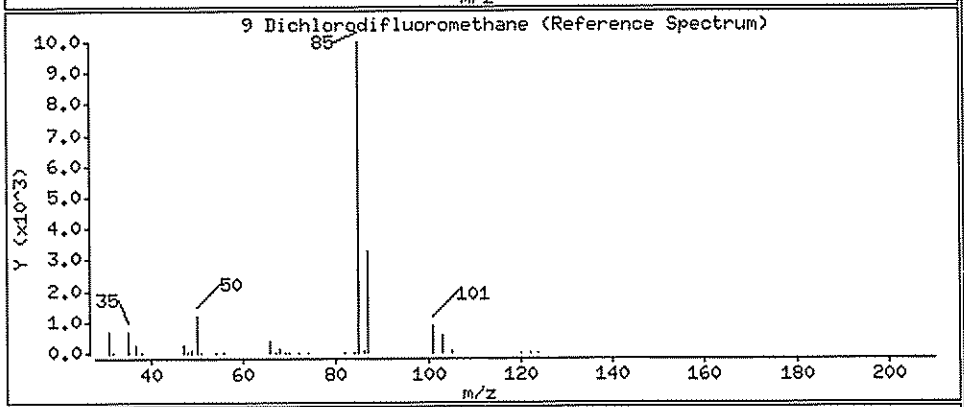
Concentration: 0.5635 ppb(v/v)

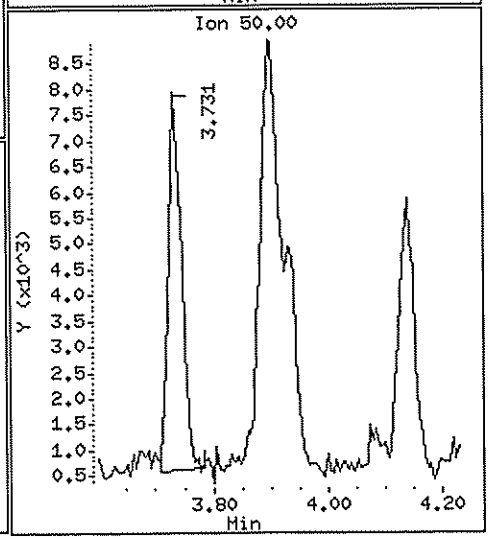


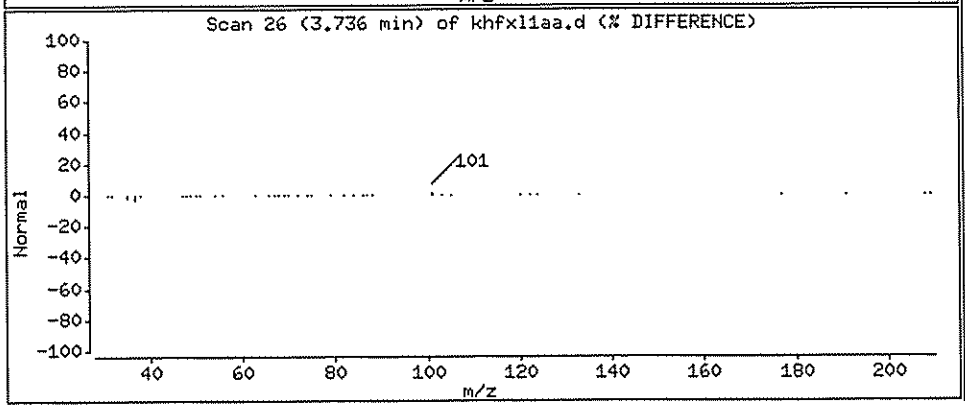












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

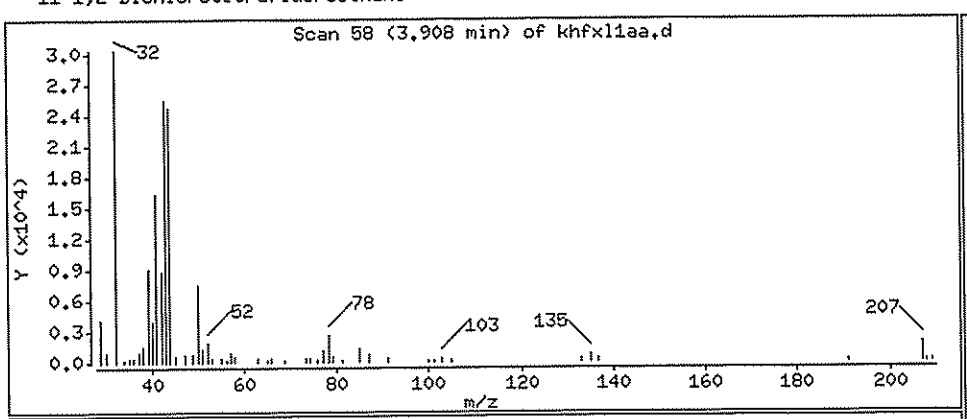
Operator: 7126

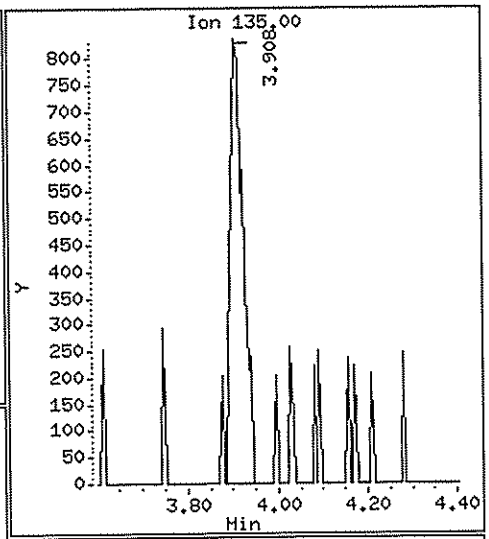
Column phase: HP-5

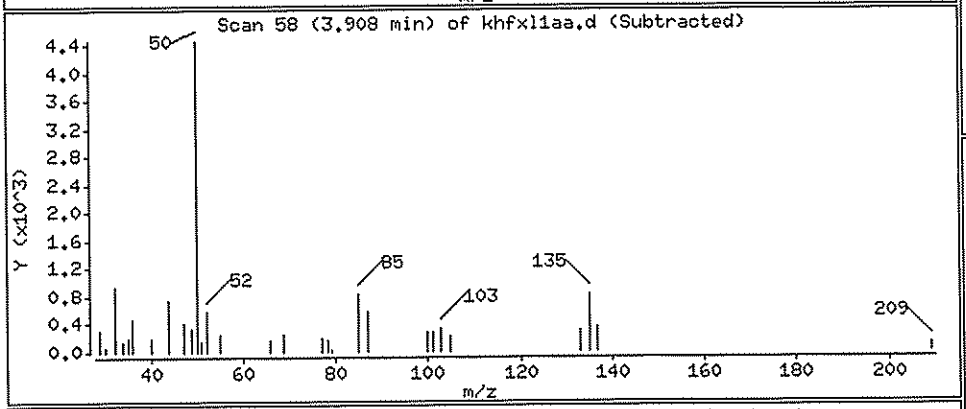
Column diameter: 0.32

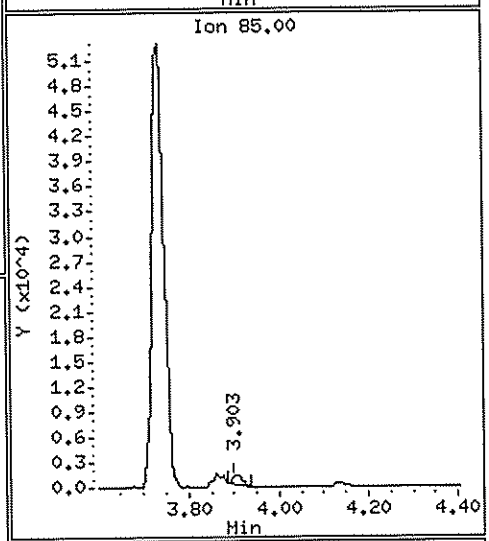
11 1,2-Dichlorotetrafluoroethane

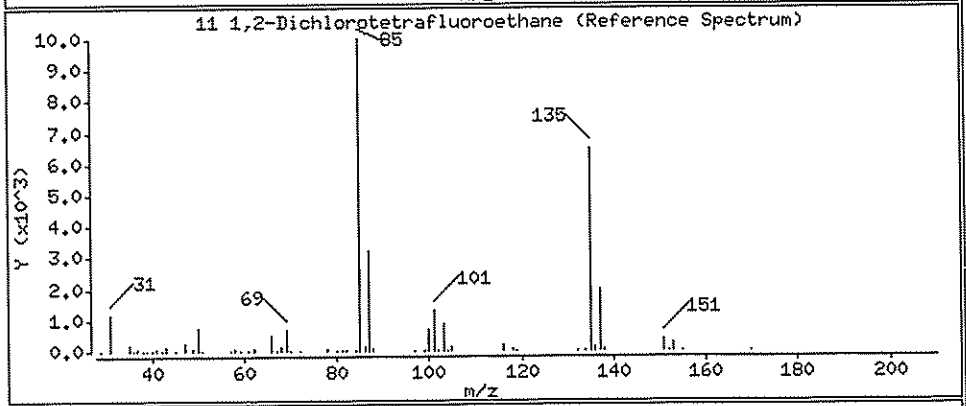
Concentration: 0.02213 ppb(v/v)

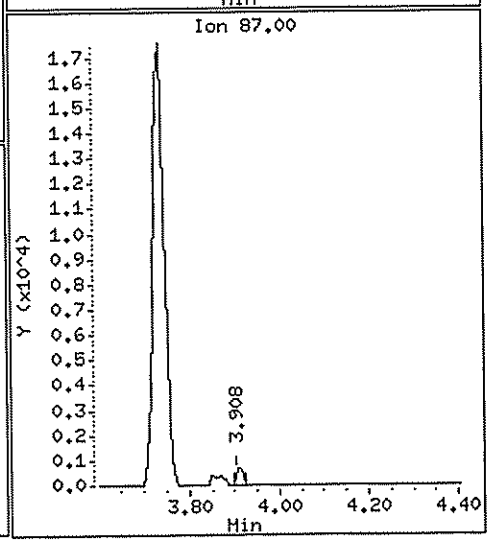


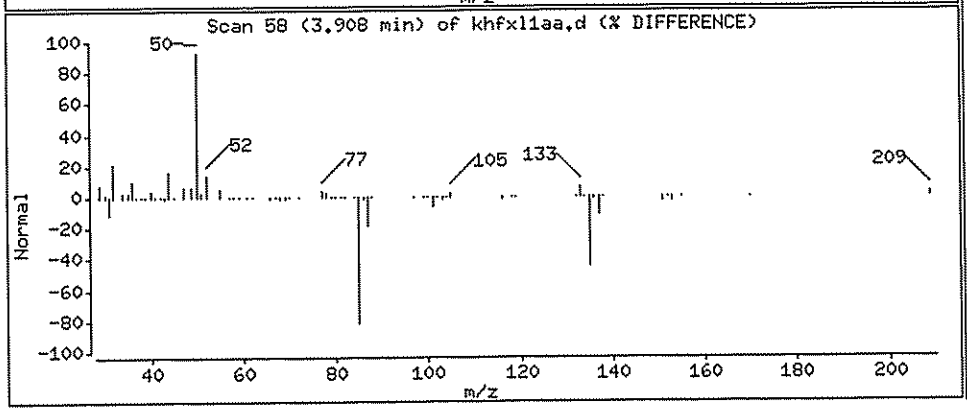












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

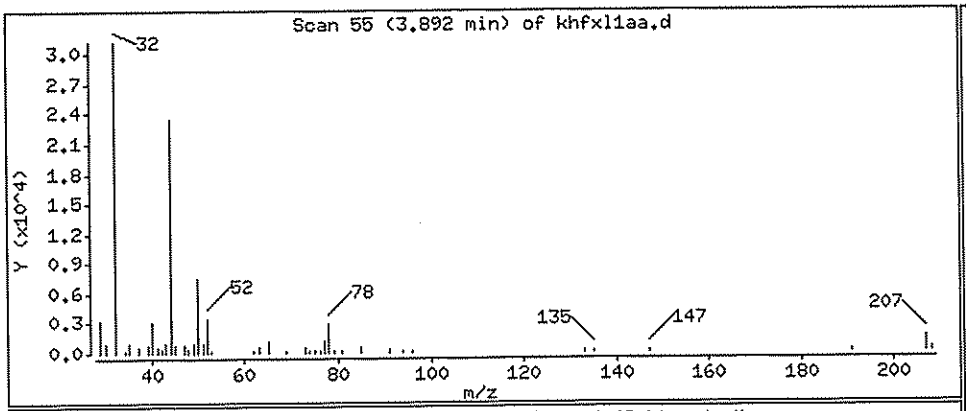
Operator: 7126

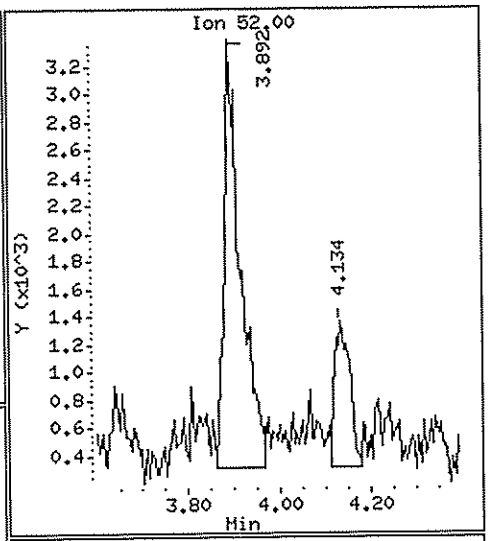
Column phase: HP-5

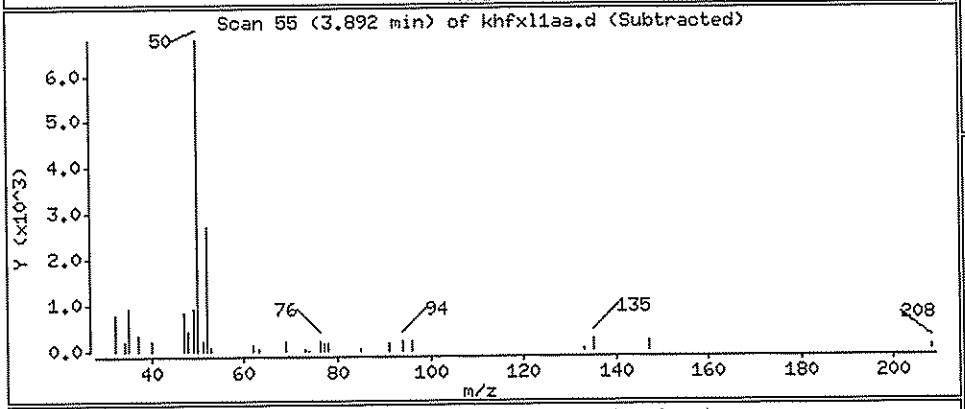
Column diameter: 0.32

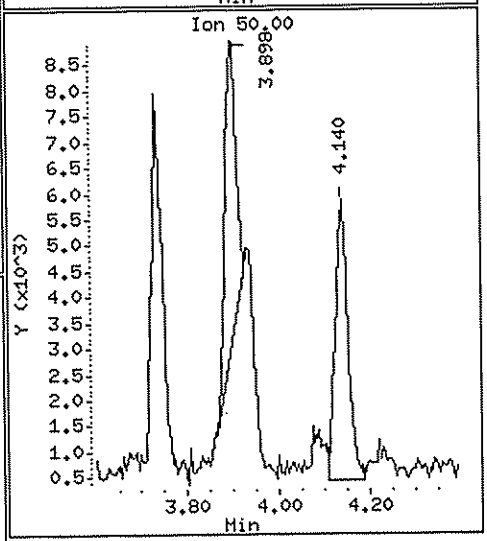
10 Chloromethane

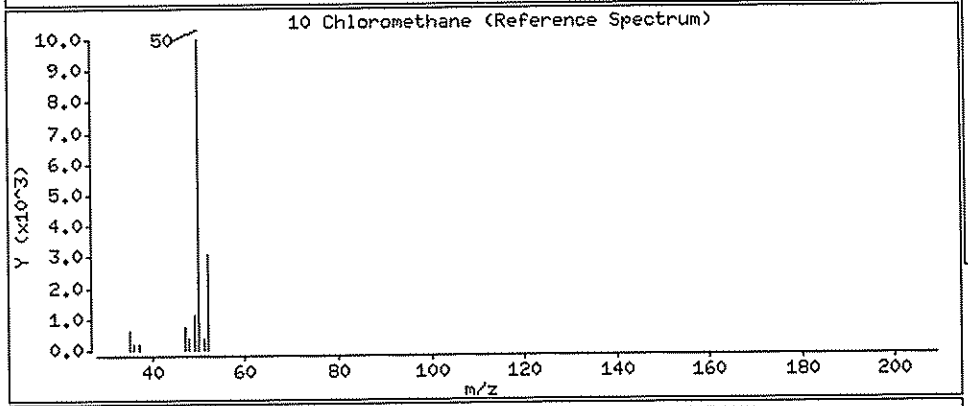
Concentration: 0.7784 ppb(v/v)

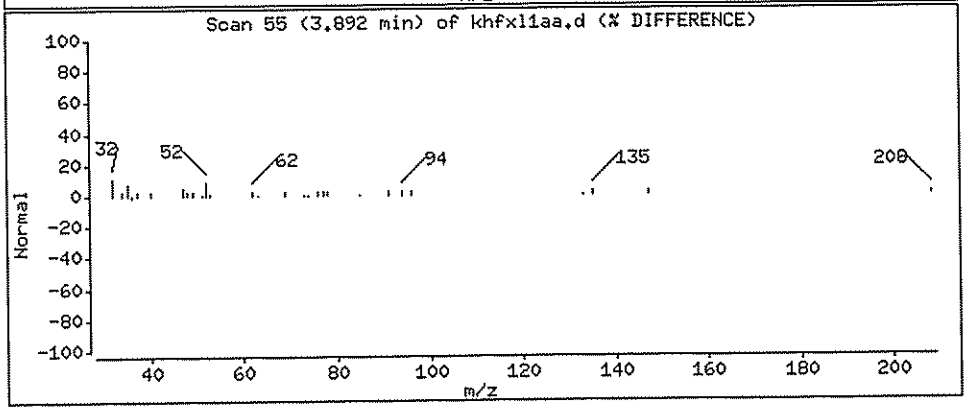












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

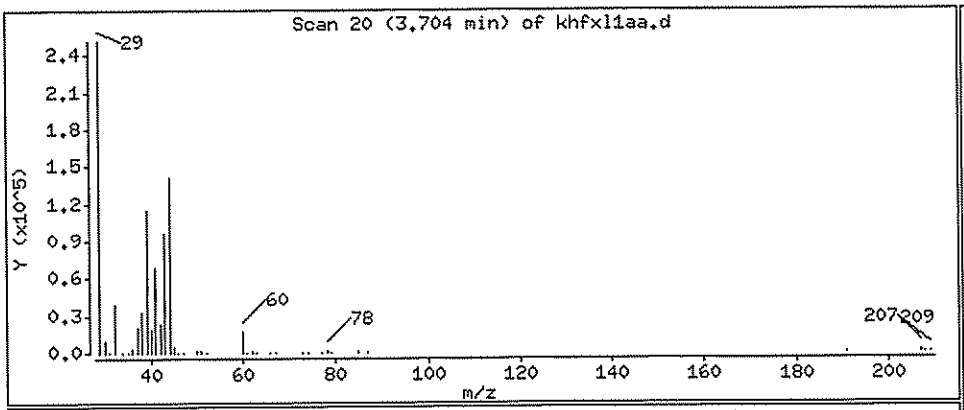
Operator: 7126

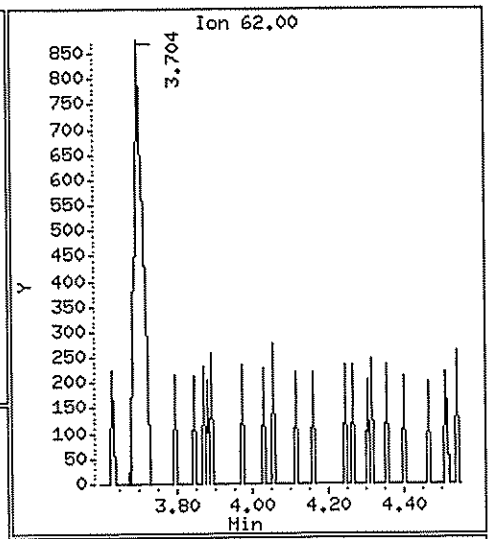
Column phase: HP-5

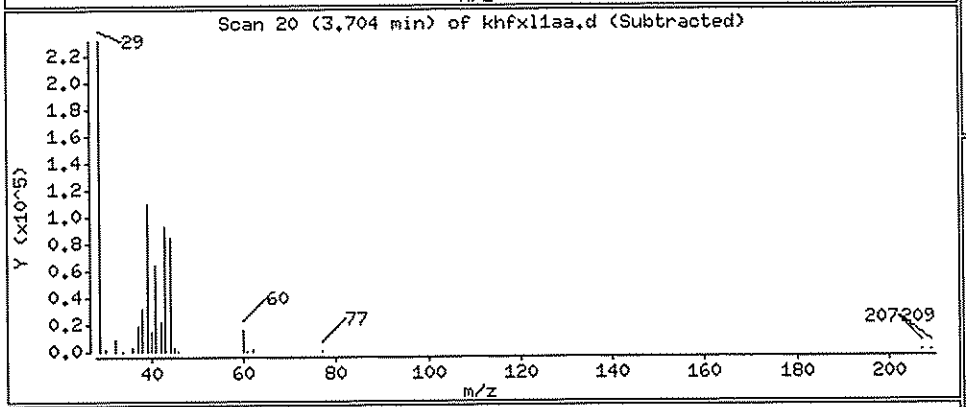
Column diameter: 0.32

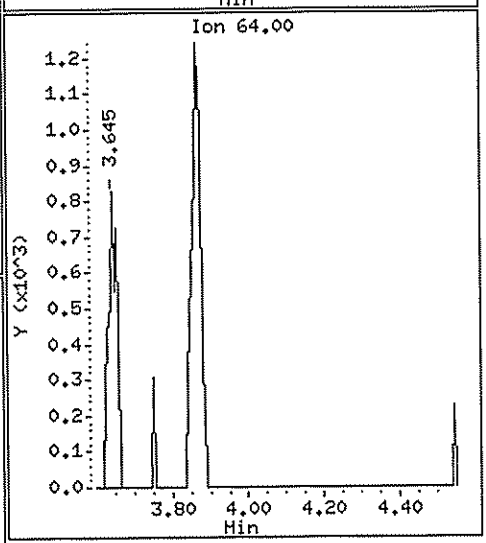
13 Vinyl Chloride

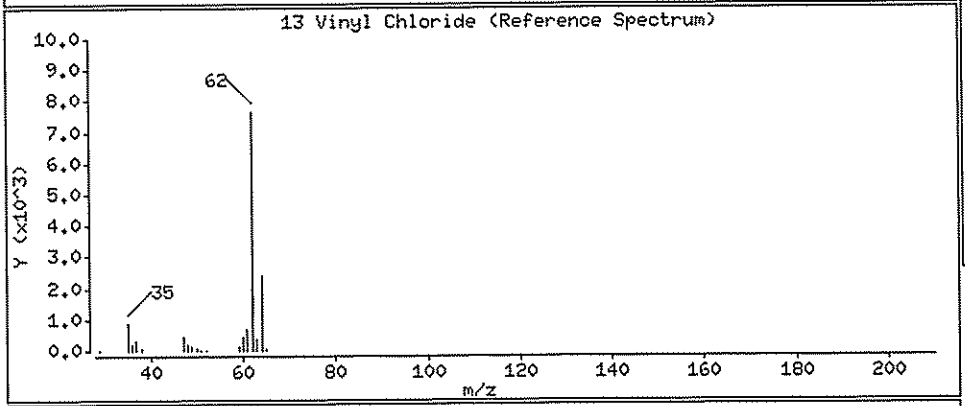
Concentration: 0.03425 ppb(v/v)

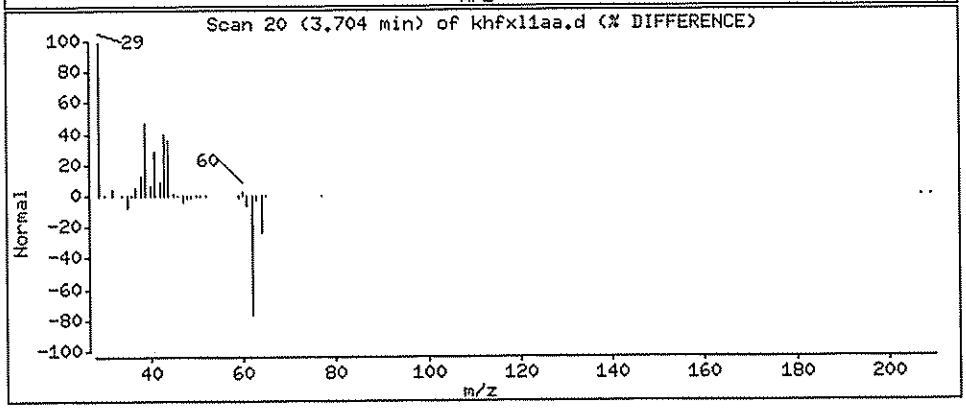












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

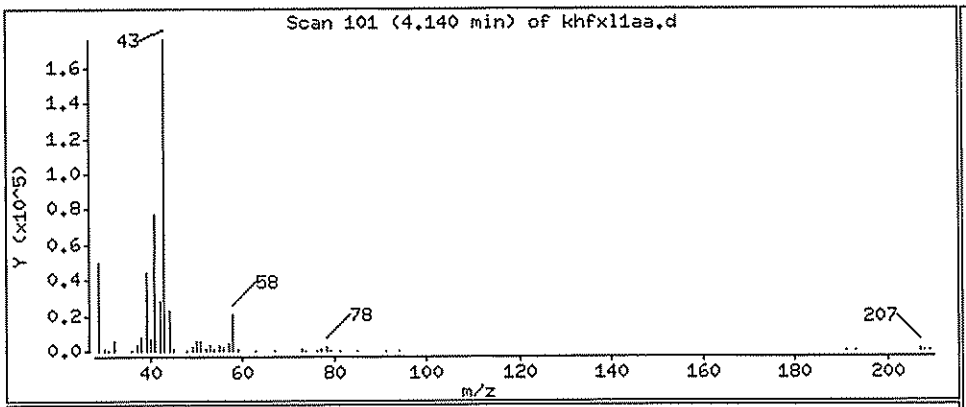
Operator: 7126

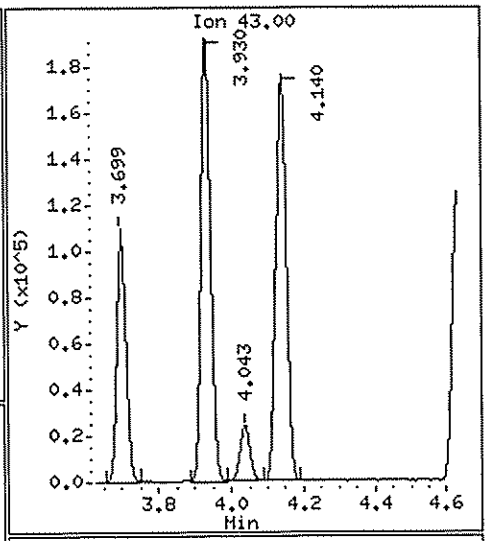
Column phase: HP-5

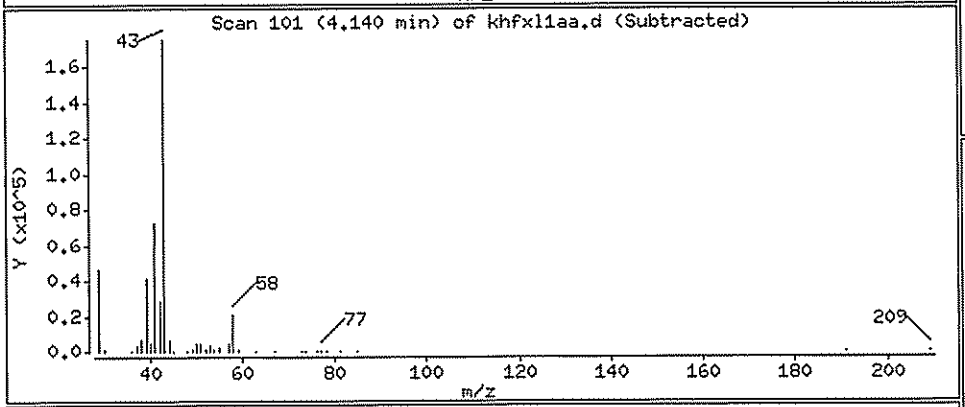
Column diameter: 0.32

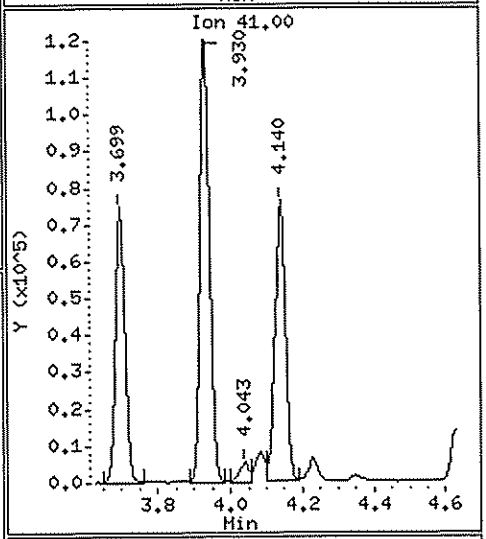
14 n-Butane

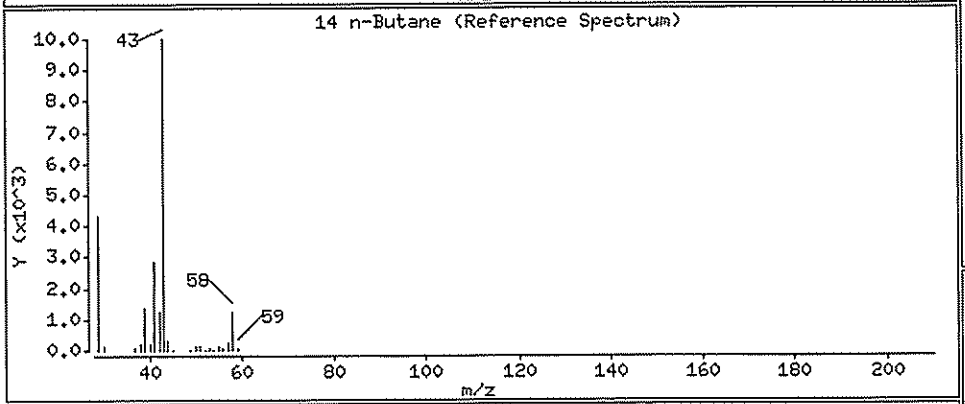
Concentration: 7.224 ppb(v/v)

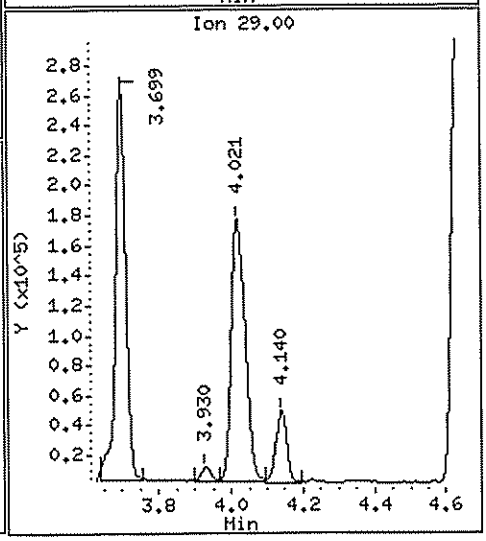


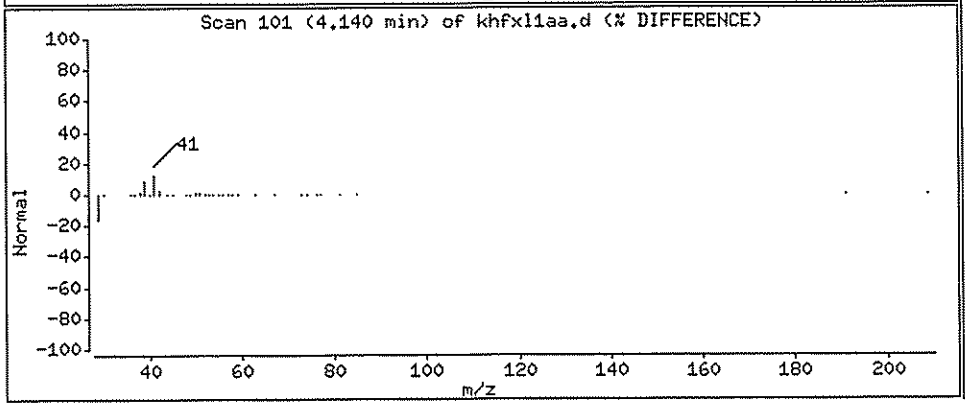












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

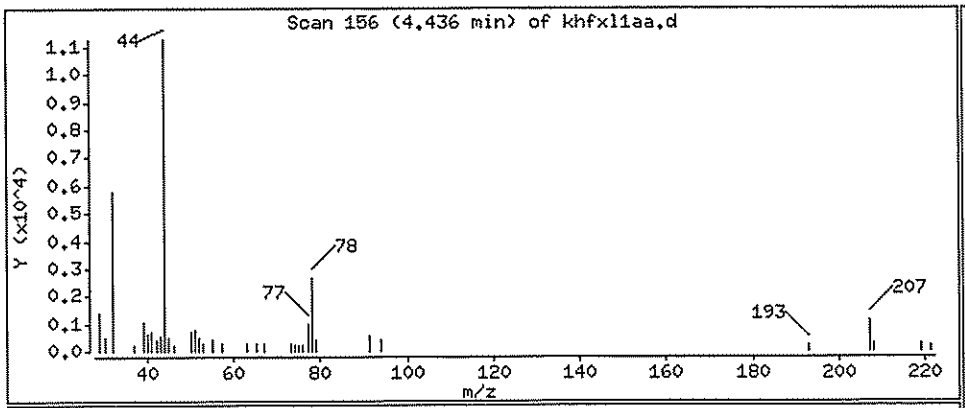
Operator: 7126

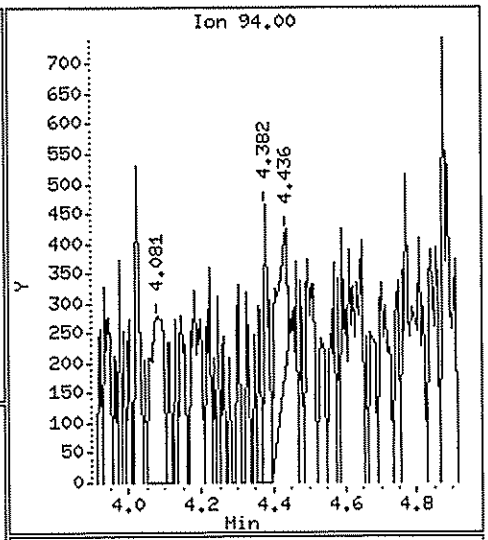
Column phase: HP-5

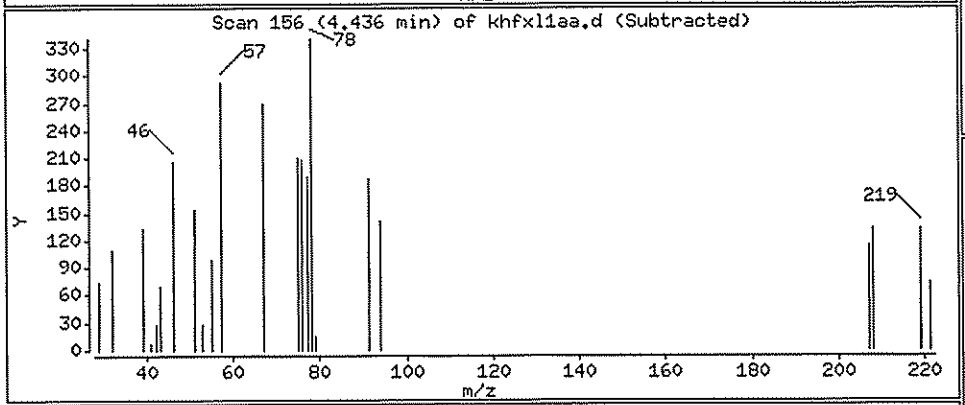
Column diameter: 0.32

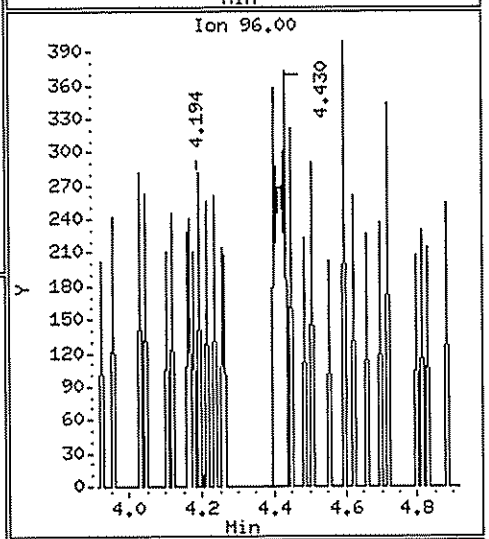
16 Bromomethane

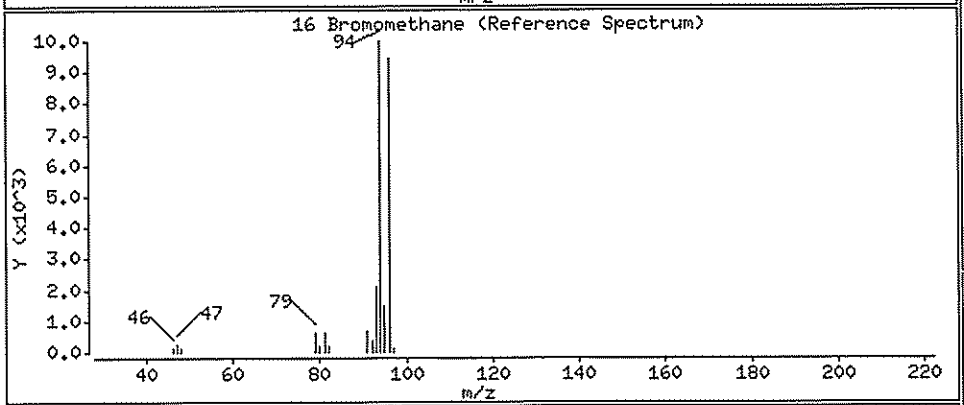
Concentration: 0.01357 ppb(v/v)

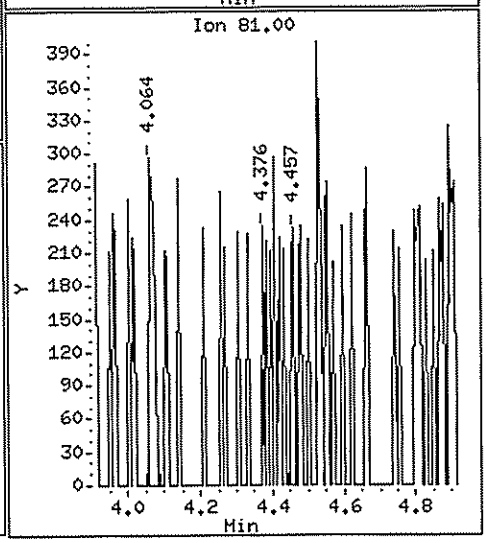


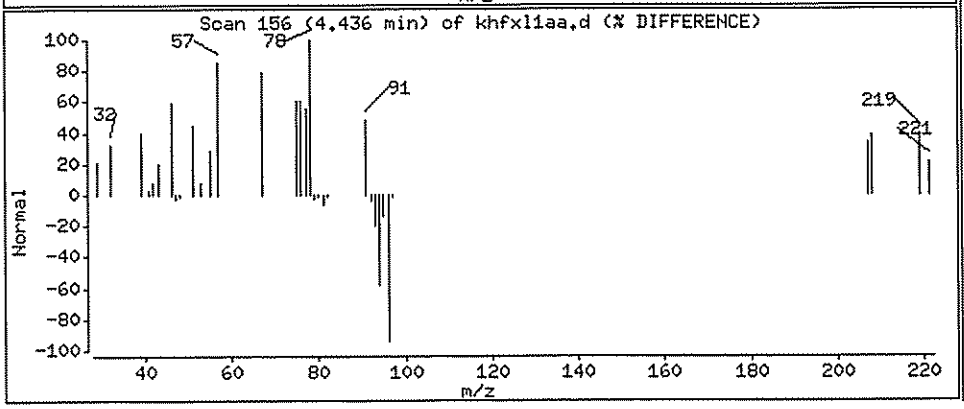












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

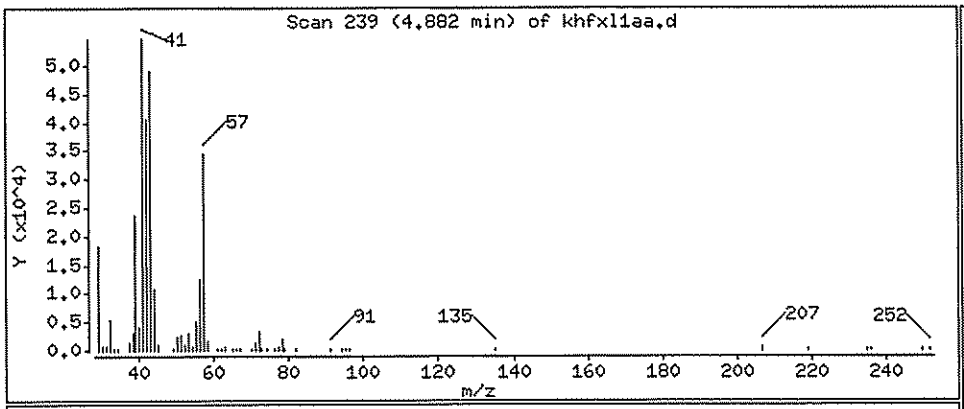
Operator: 7126

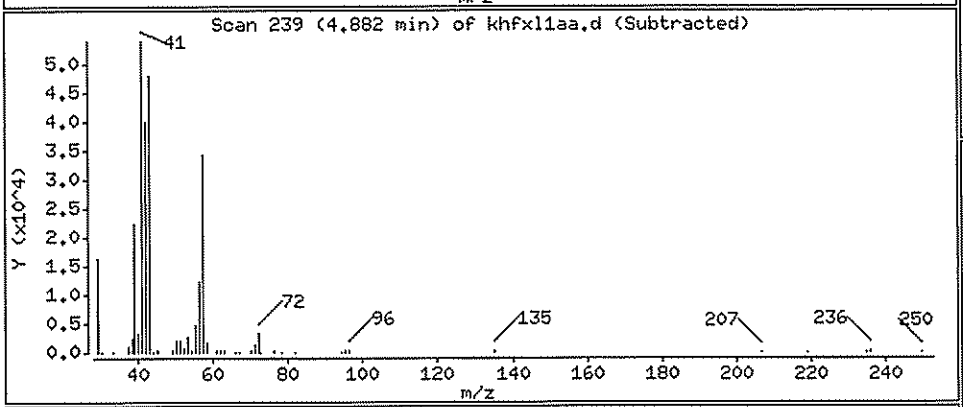
Column phase: HP-5

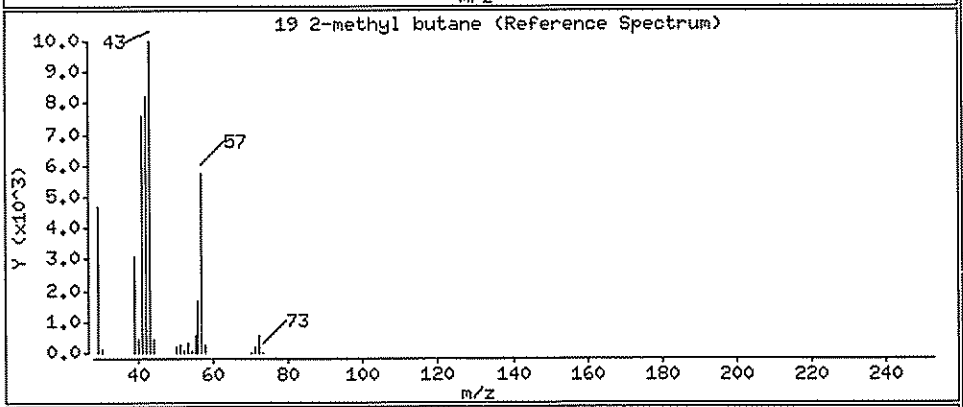
Column diameter: 0.32

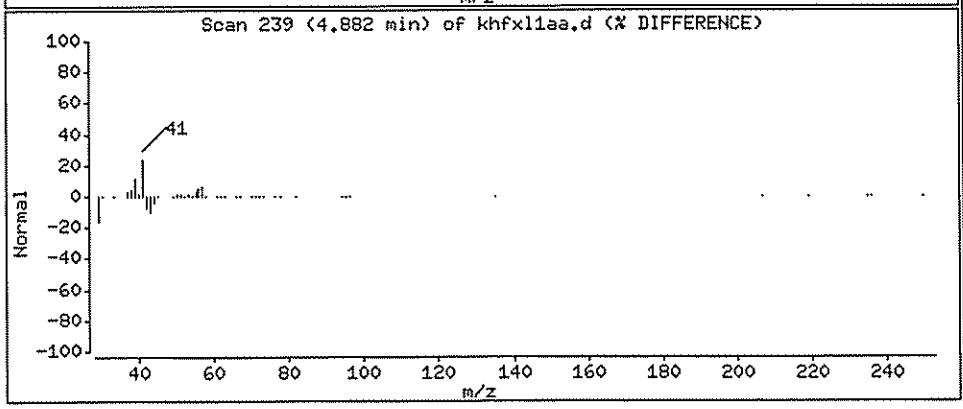
19 2-methyl butane

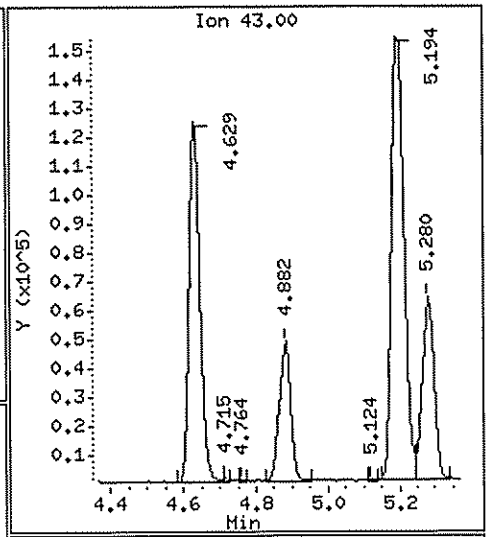
Concentration: 3.101 ppb(v/v)

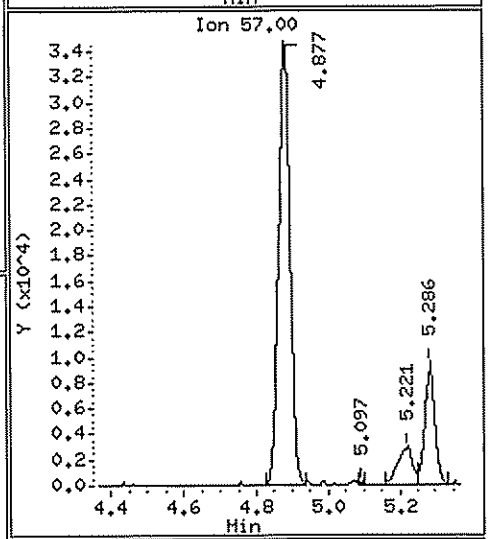


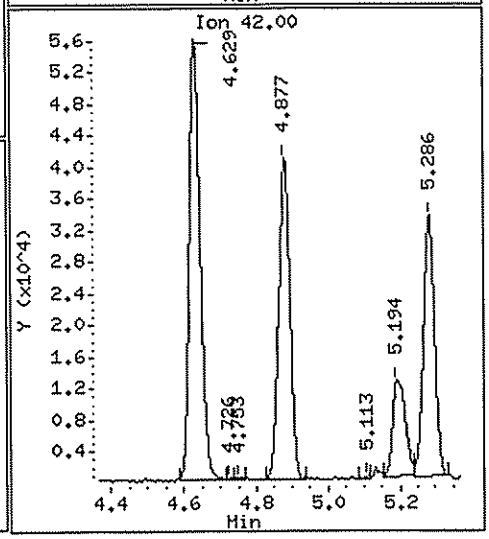












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

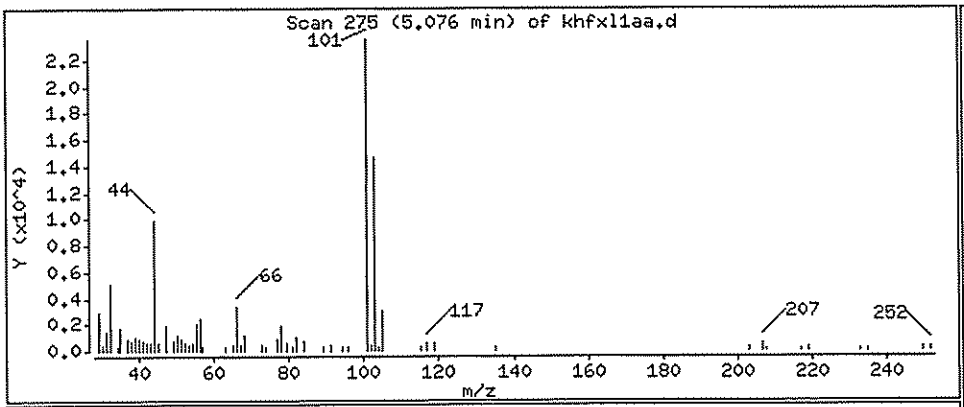
Operator: 7126

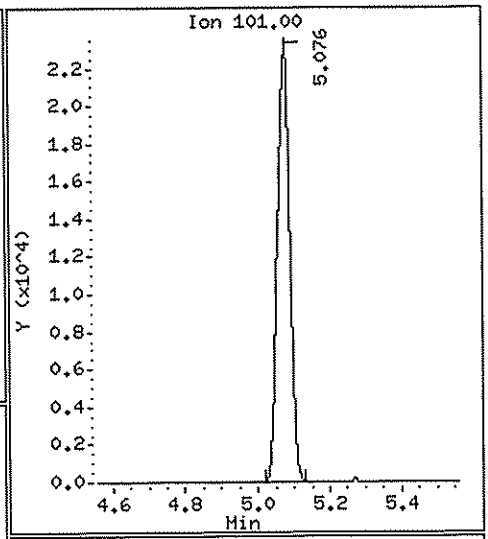
Column phase: HP-5

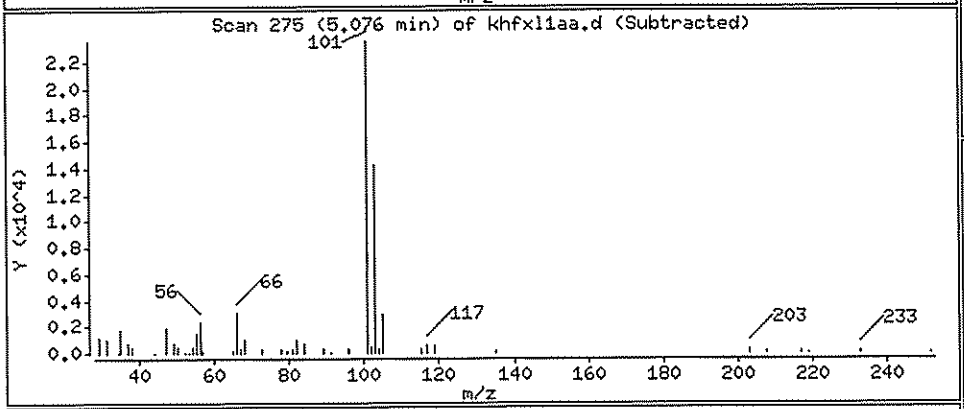
Column diameter: 0.32

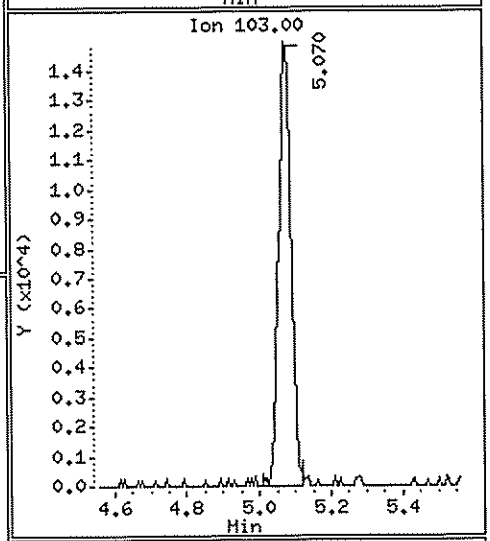
20 Trichlorofluoromethane

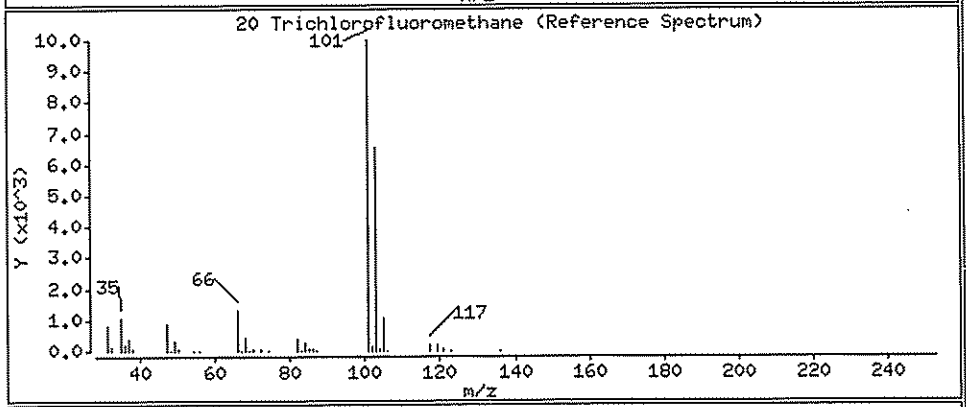
Concentration: 0.3254 ppb(v/v)

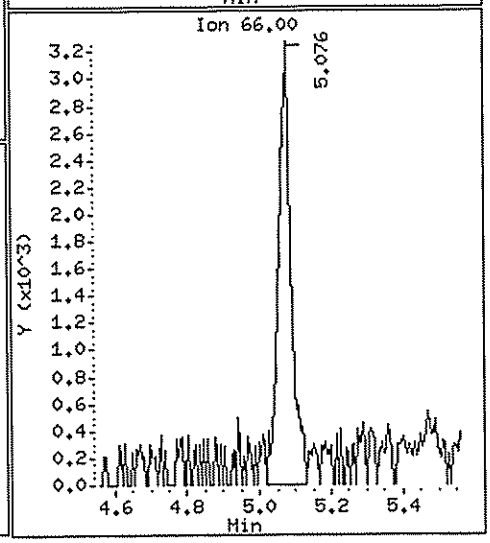


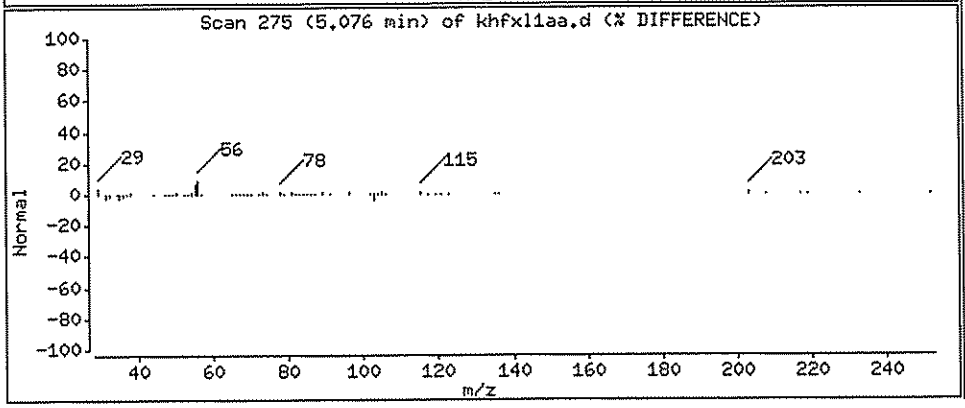












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

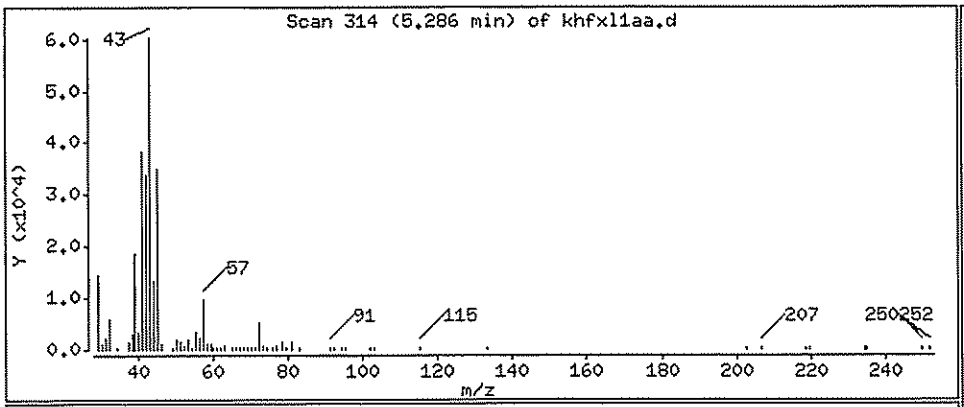
Operator: 7126

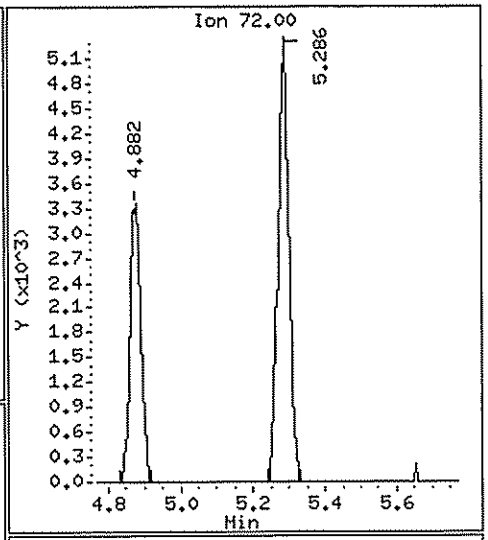
Column phase: HP-5

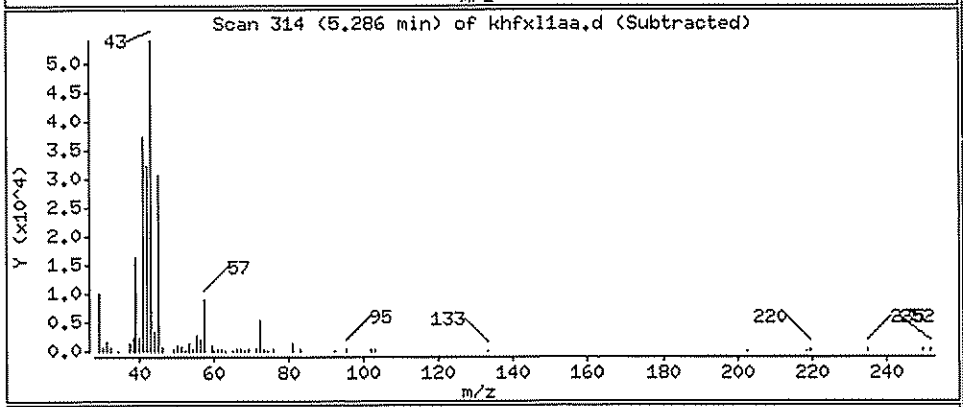
Column diameter: 0.32

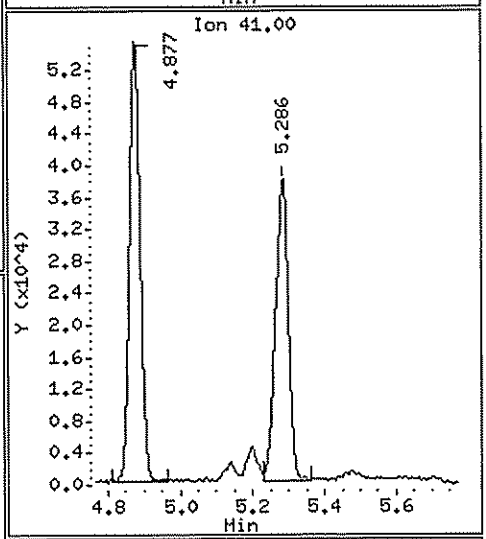
24 Pentane

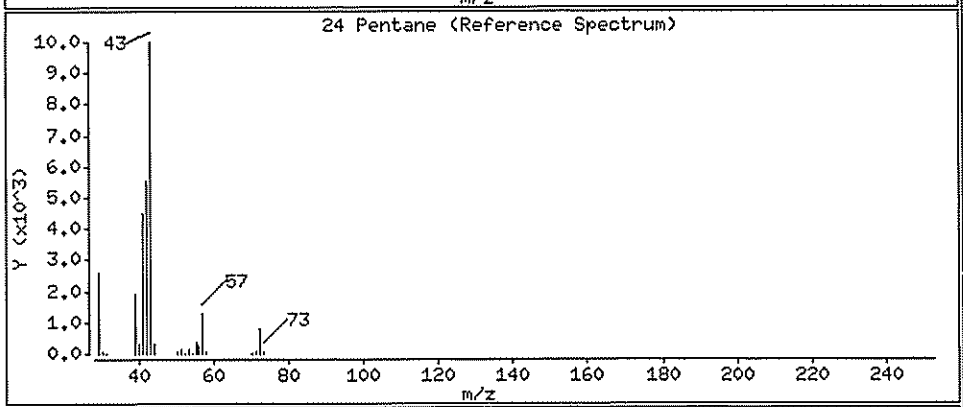
Concentration: 2.193 ppb(v/v)

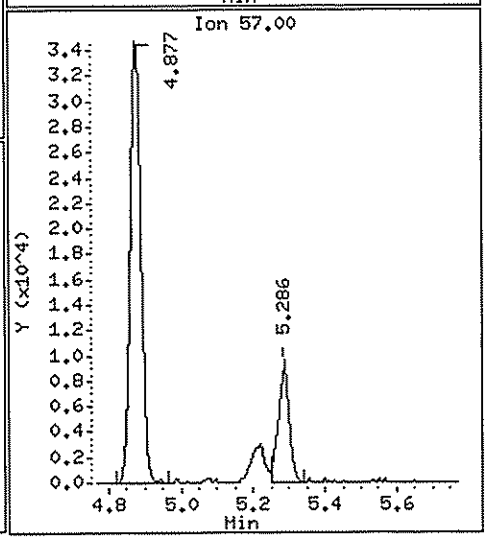


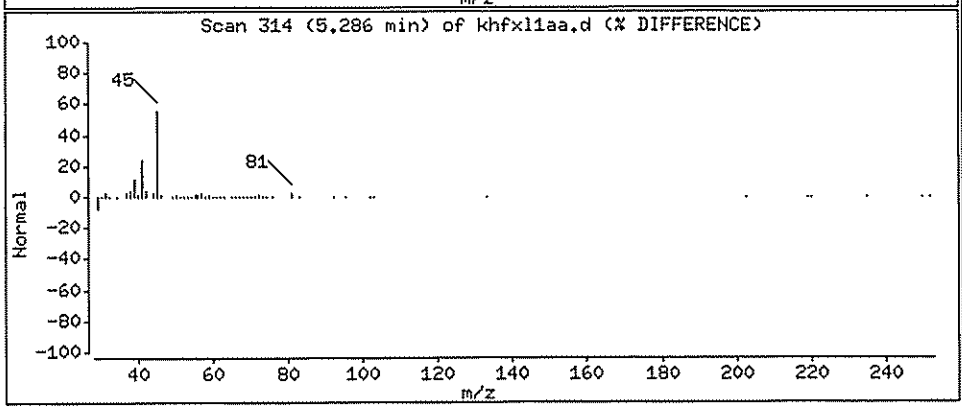












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

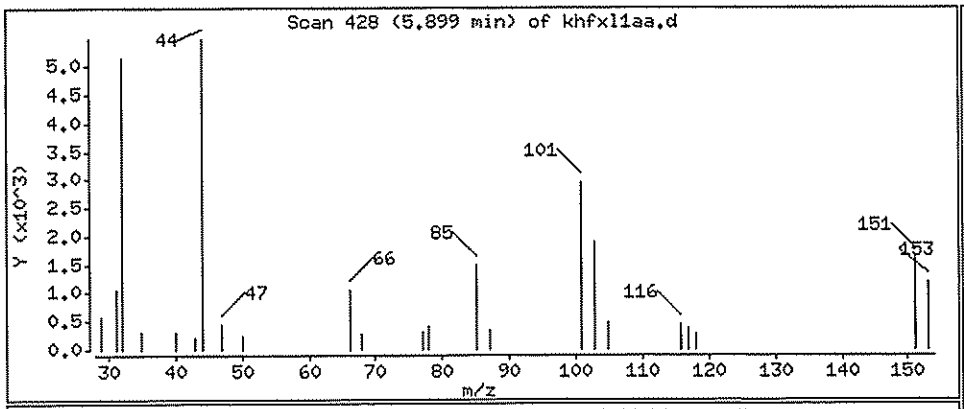
Operator: 7126

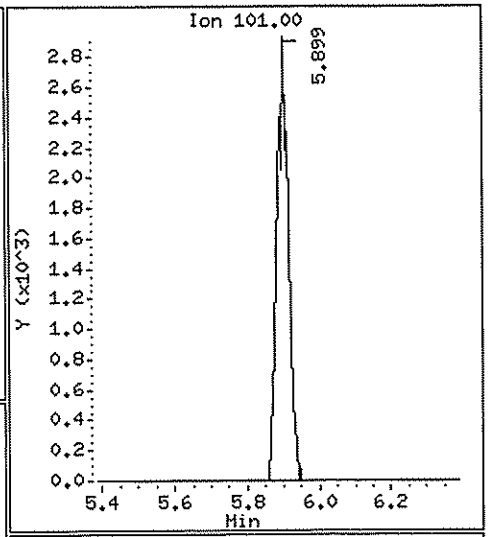
Column phase: HP-5

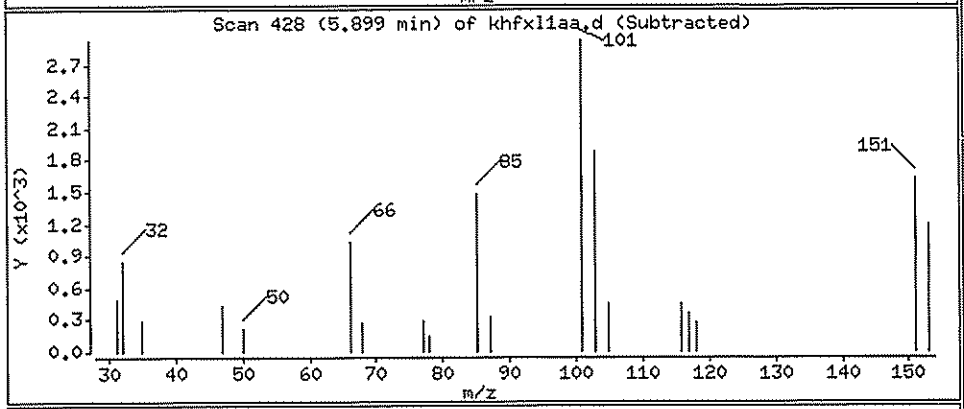
Column diameter: 0.32

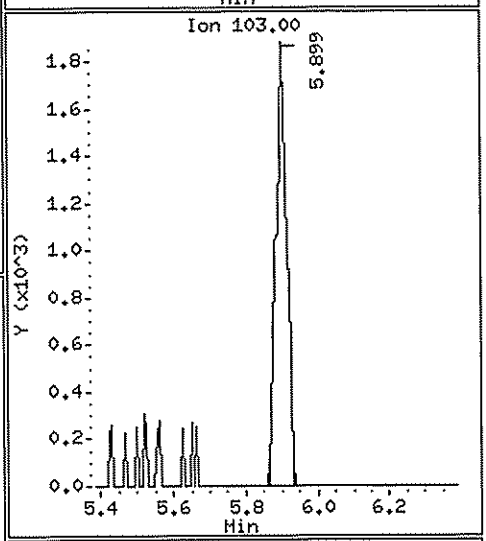
30 1,1,2-Trichlorotrifluoroethane

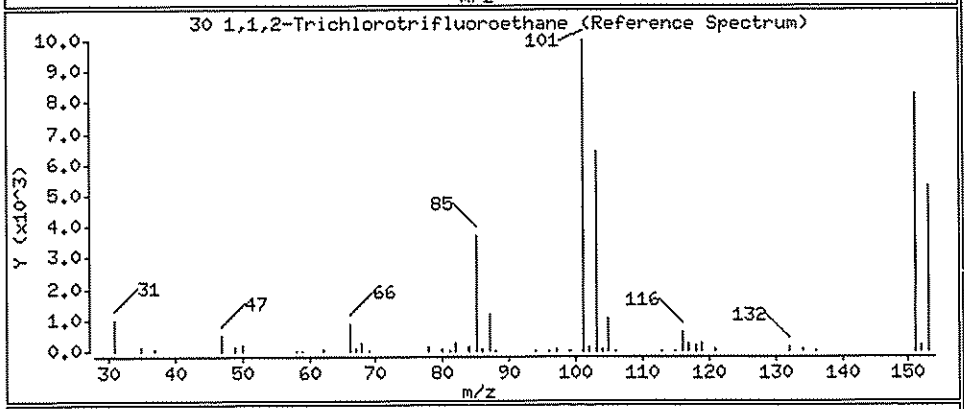
Concentration: 0.09805 ppb(v/v)

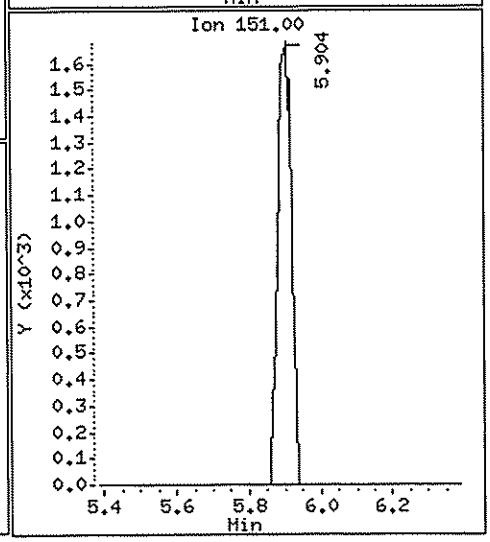


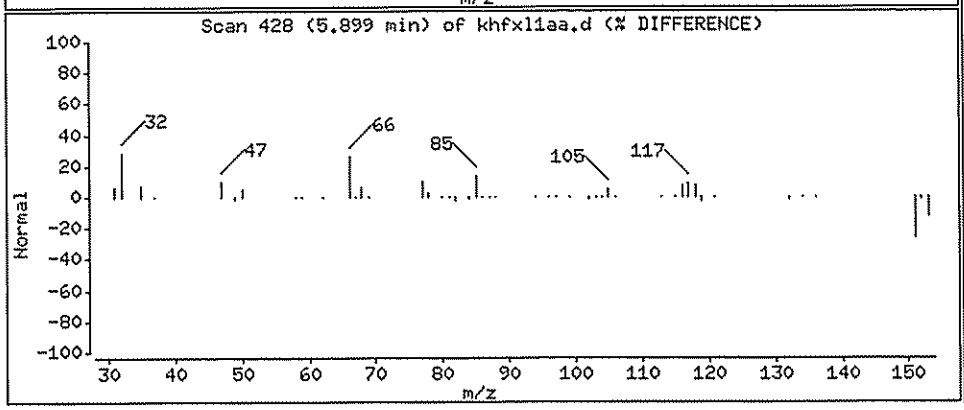












Data File: /var/chem/gcms/me.i/E022508.b/khfx11aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

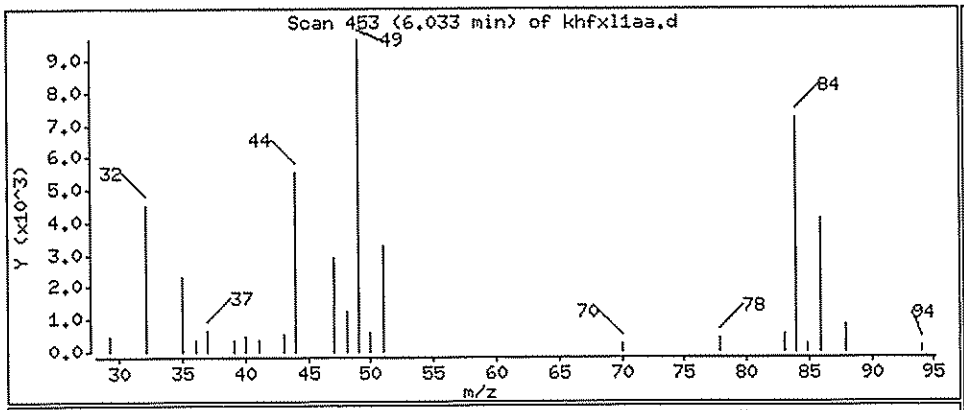
Operator: 7126

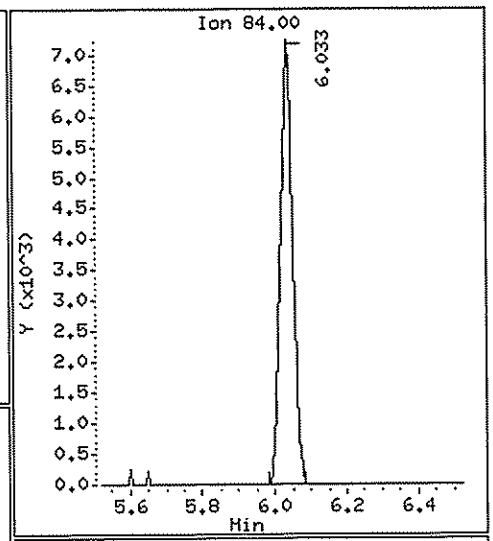
Column phase: HP-5

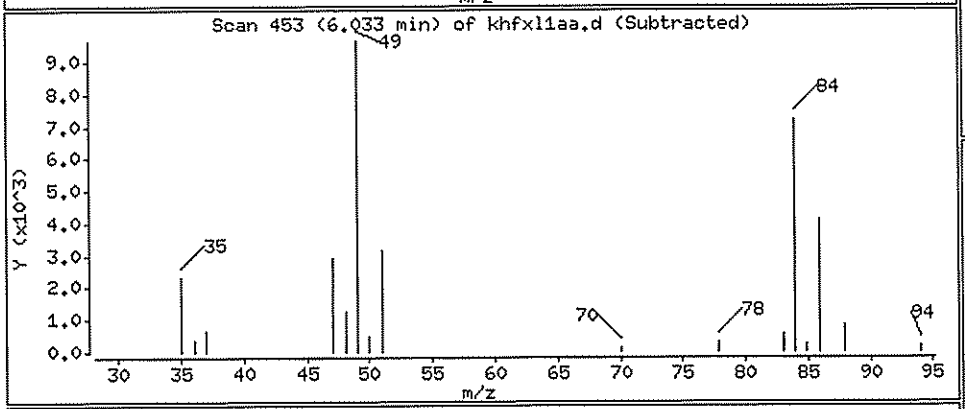
Column diameter: 0.32

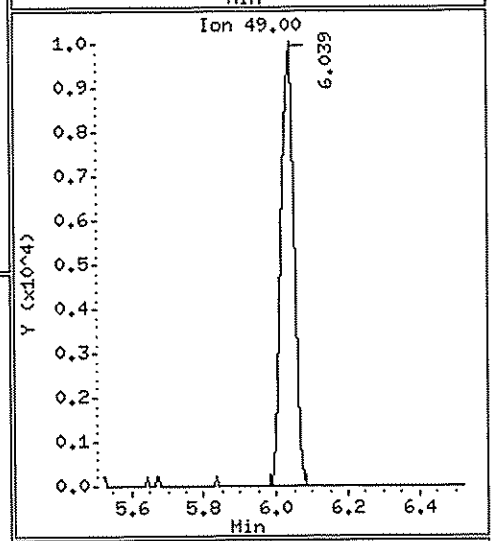
31 Methylene Chloride

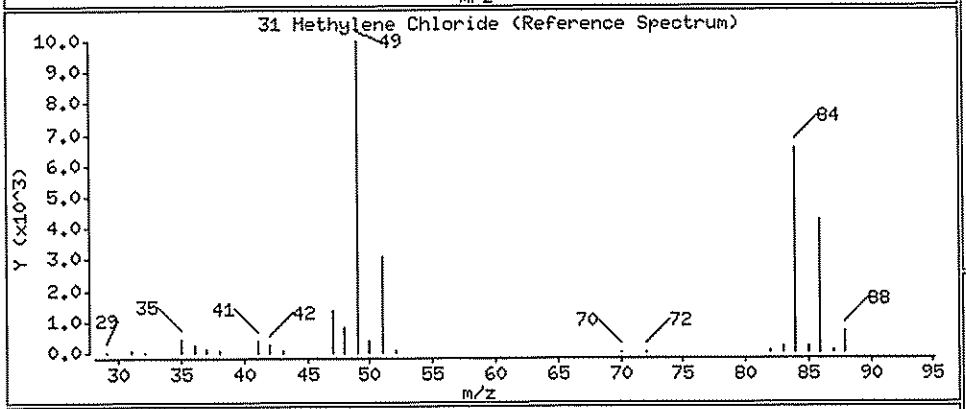
Concentration: 0.6841 ppb(v/v)

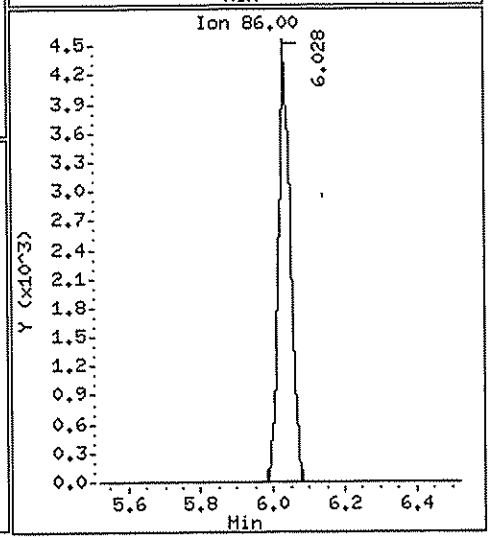


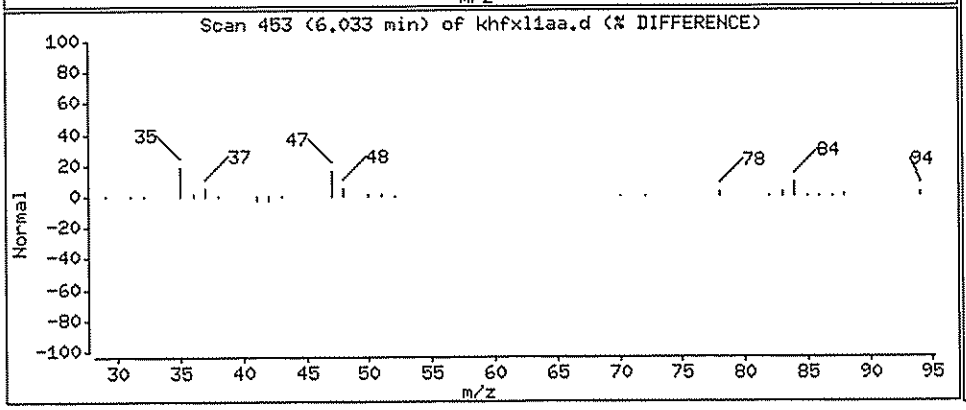












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

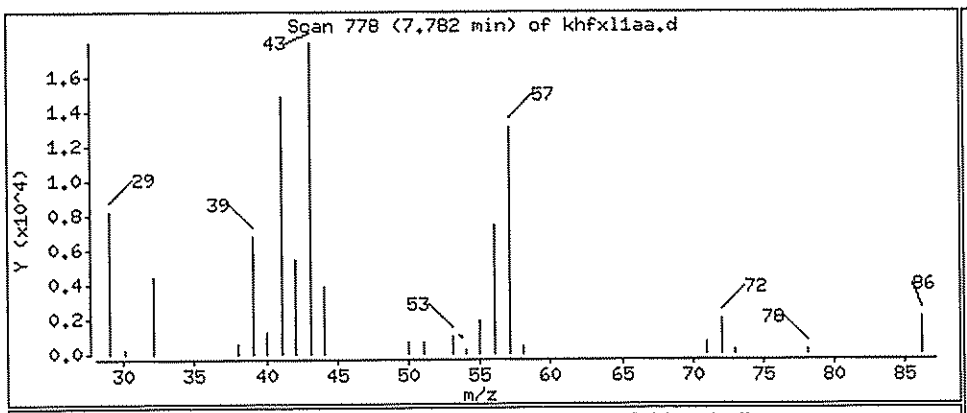
Operator: 7126

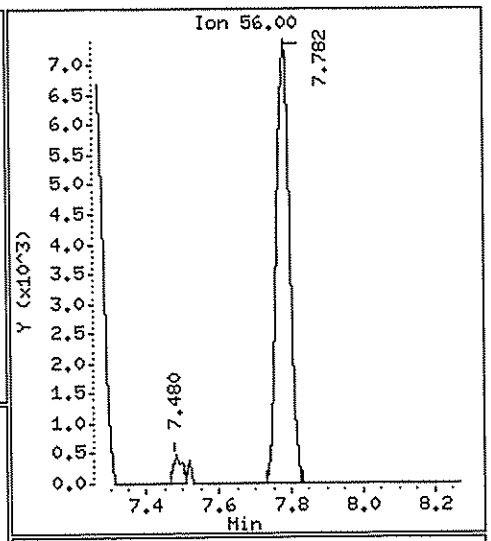
Column phase: HP-5

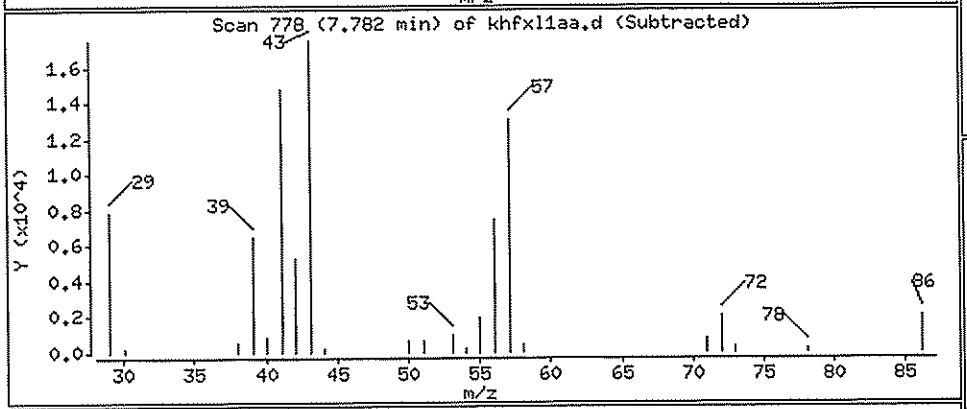
Column diameter: 0.32

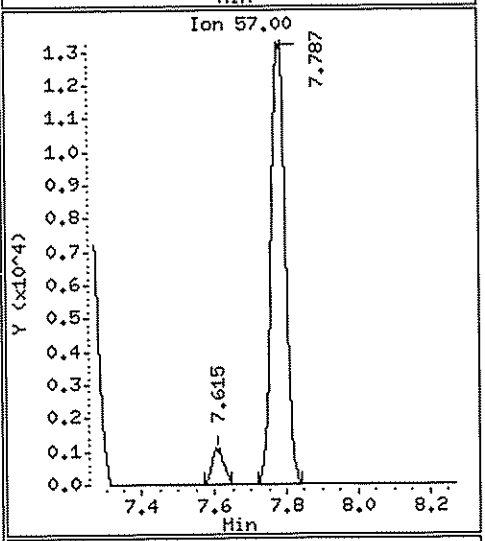
38 Hexane

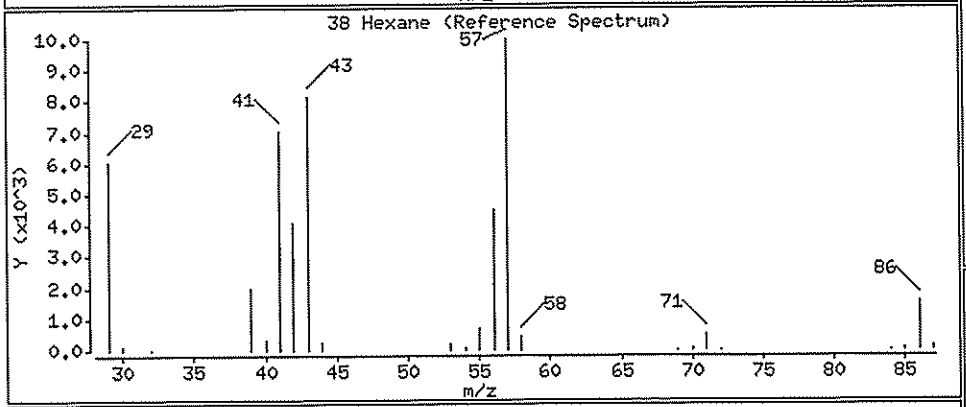
Concentration: 0.7941 ppb(v/v)

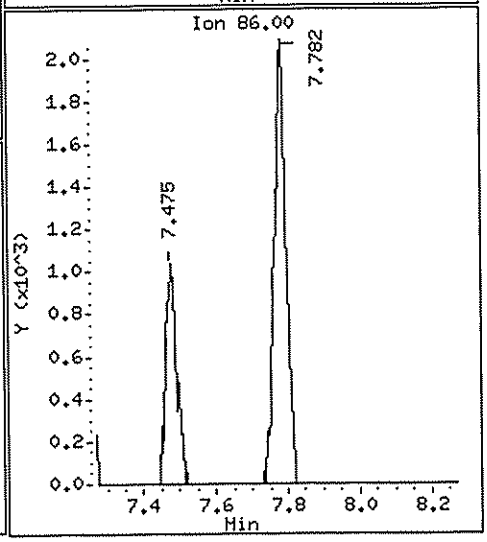


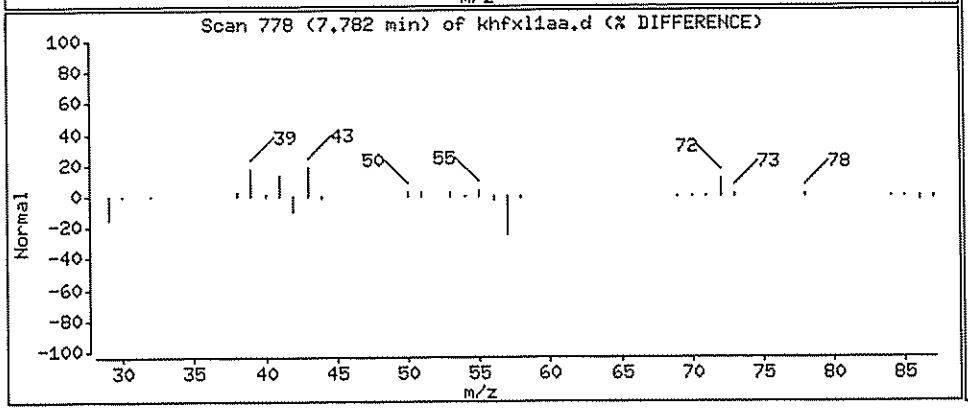












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

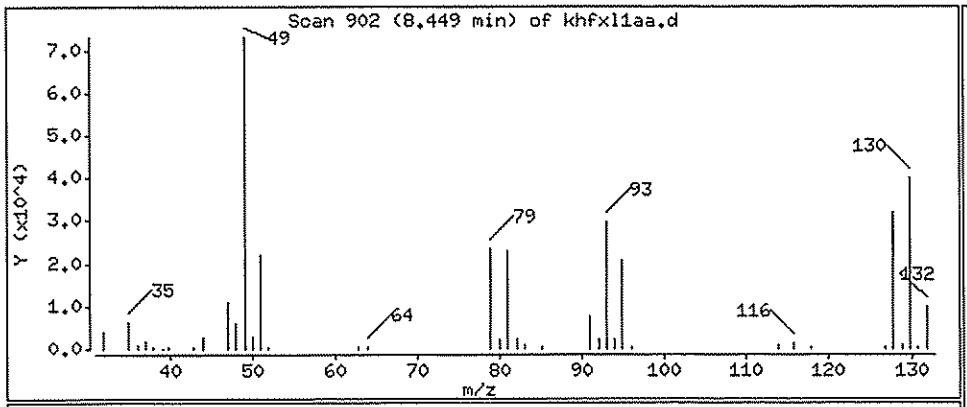
Operator: 7126

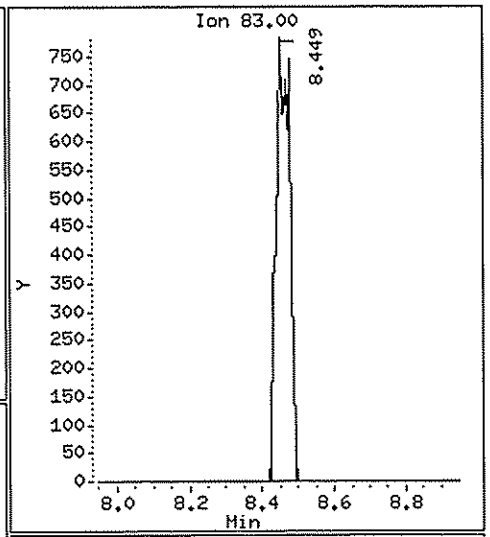
Column phase: HP-5

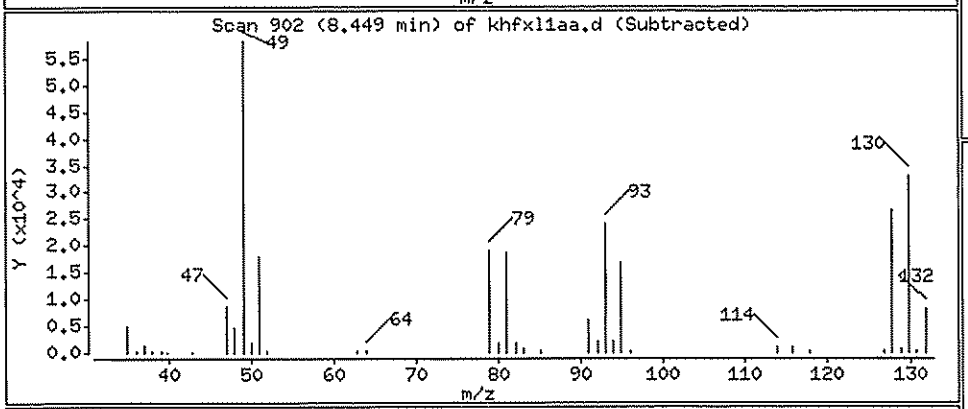
Column diameter: 0.32

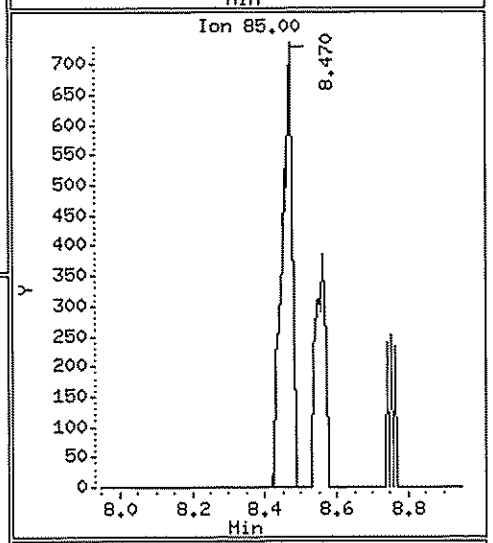
42 Chloroform

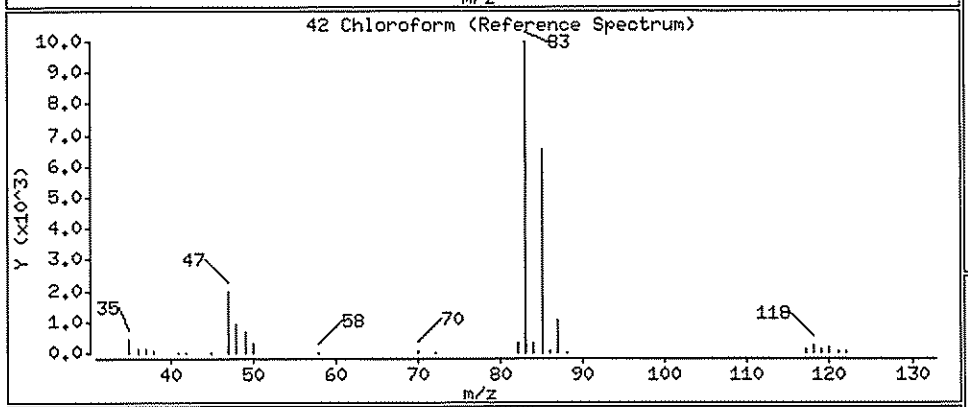
Concentration: 0.02535 ppb(v/v)

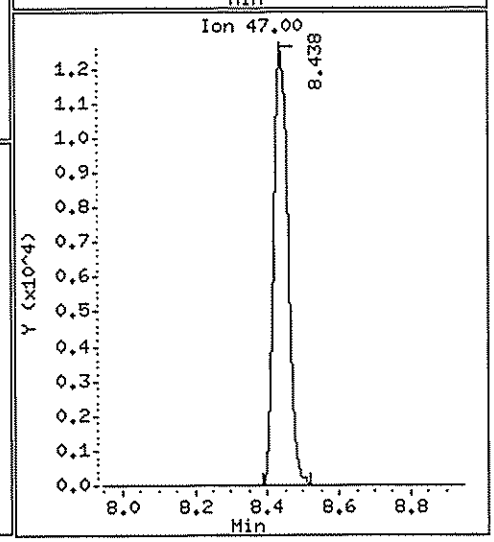


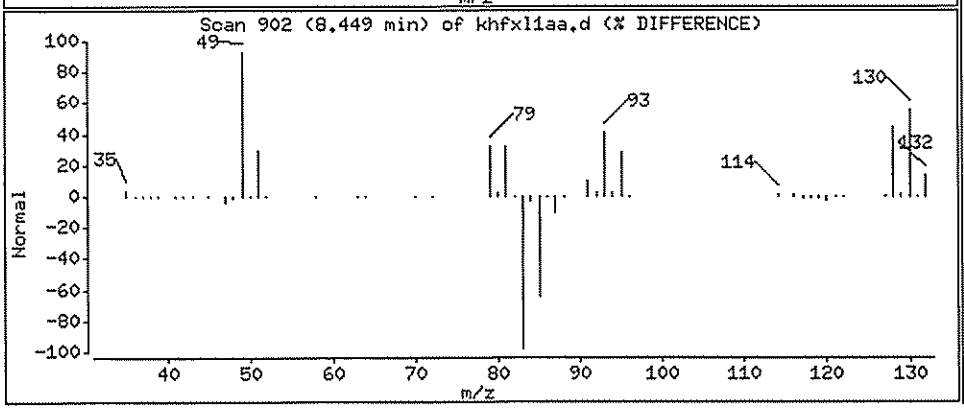












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

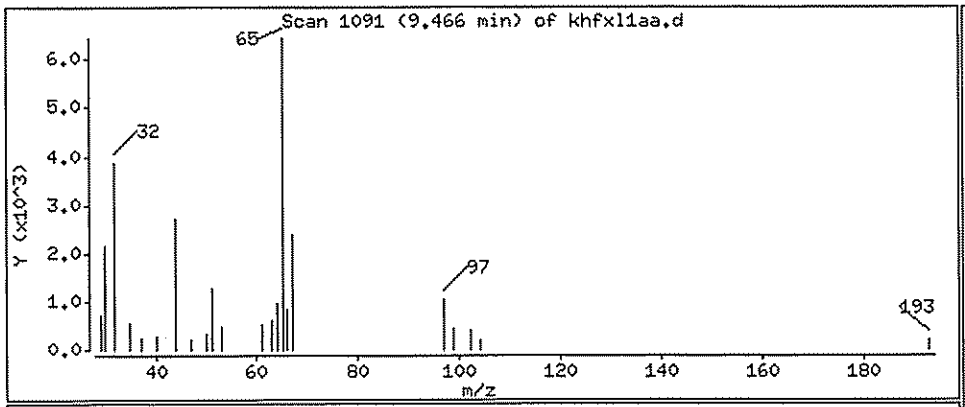
Operator: 7126

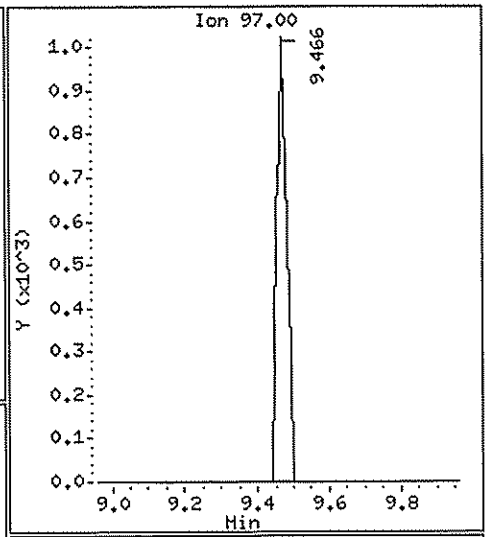
Column phase: HP-5

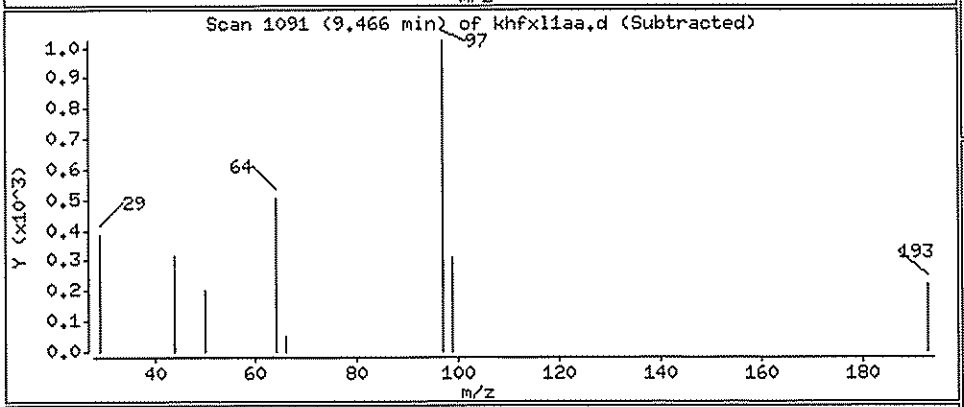
Column diameter: 0.32

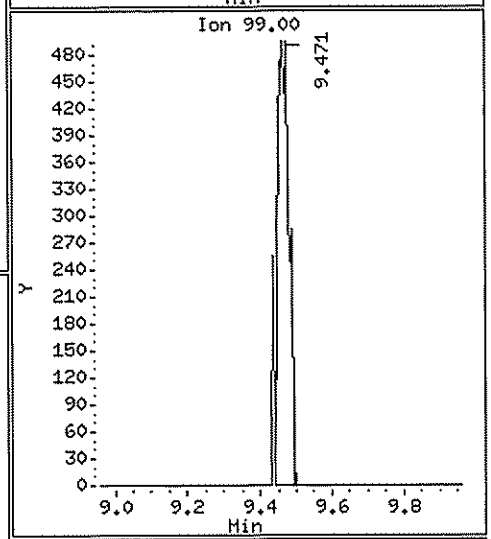
44 1,1,1-Trichloroethane

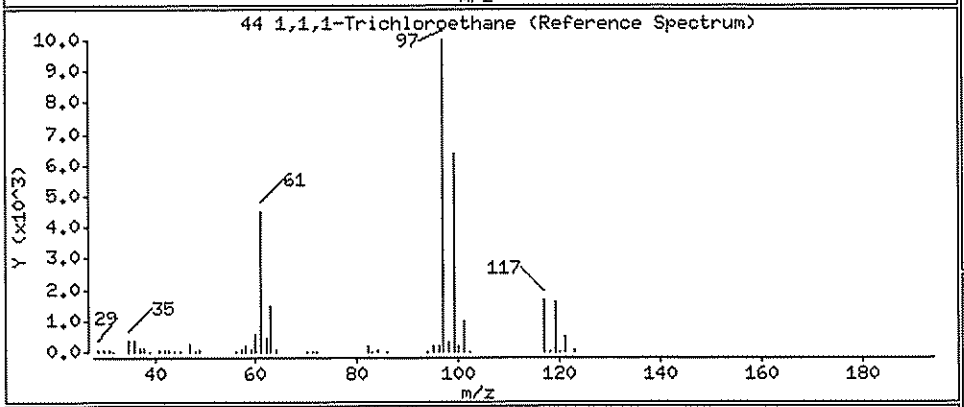
Concentration: 0.01888 ppb(v/v)

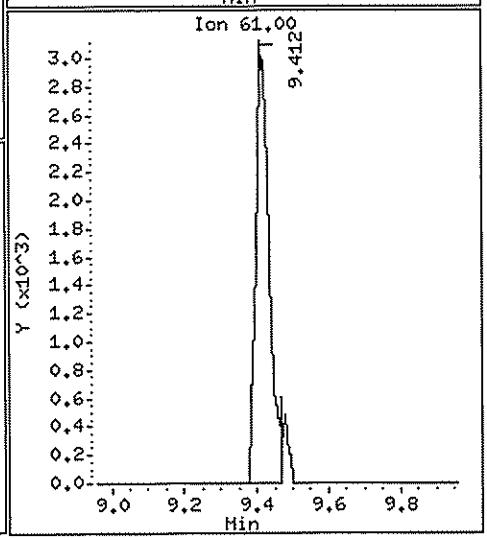


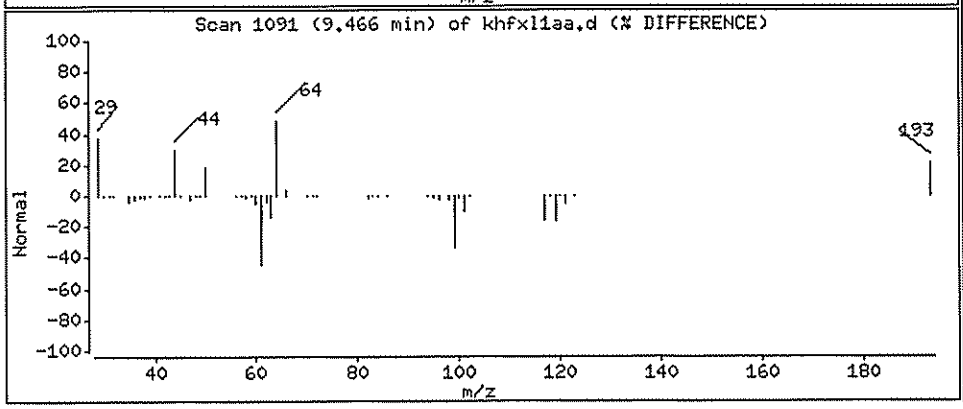












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

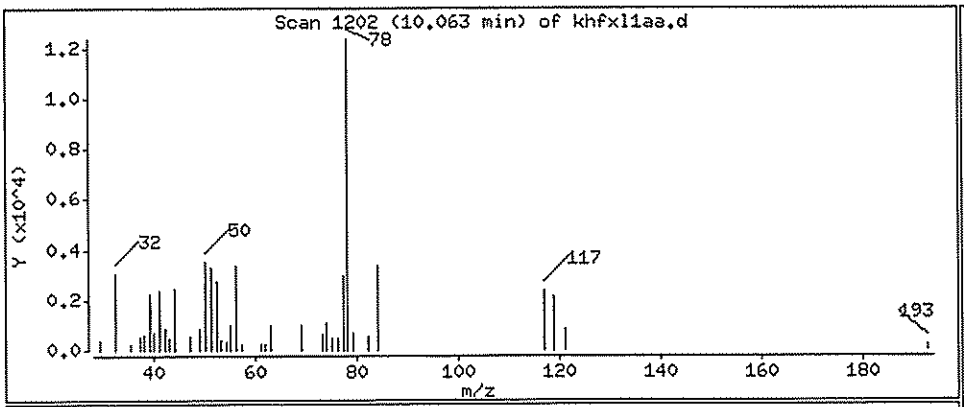
Operator: 7126

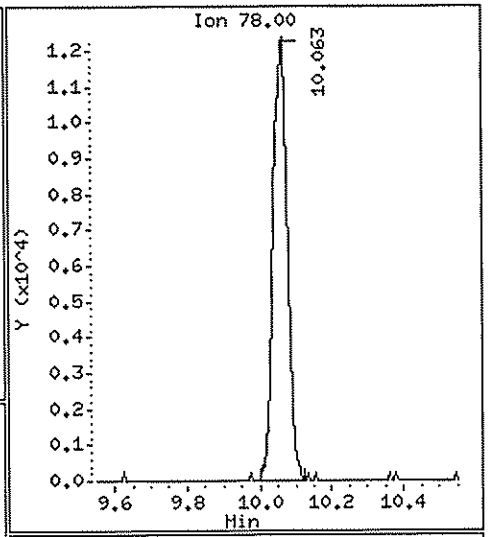
Column phase: HP-5

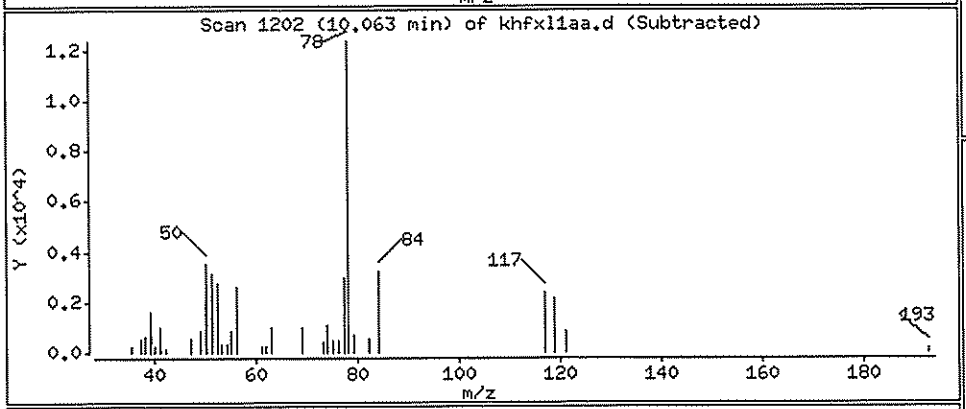
Column diameter: 0.32

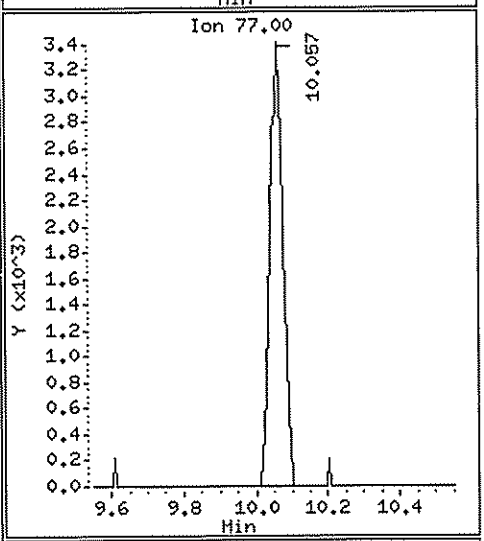
46 Benzene

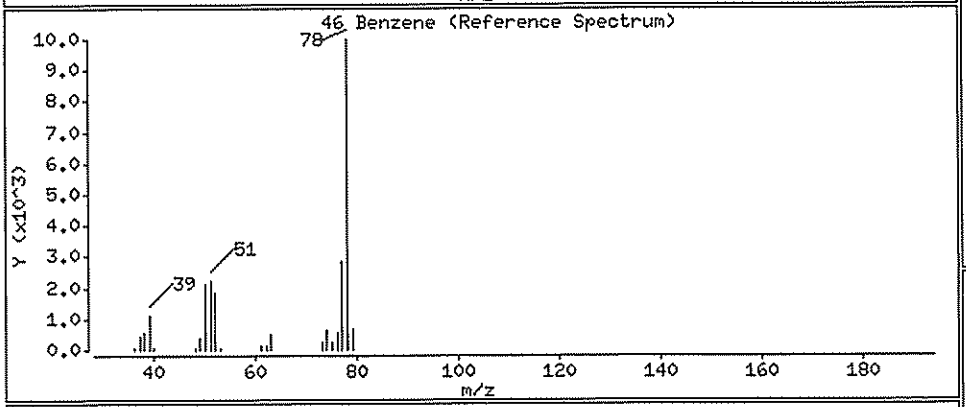
Concentration: 0.4569 ppb(v/v)

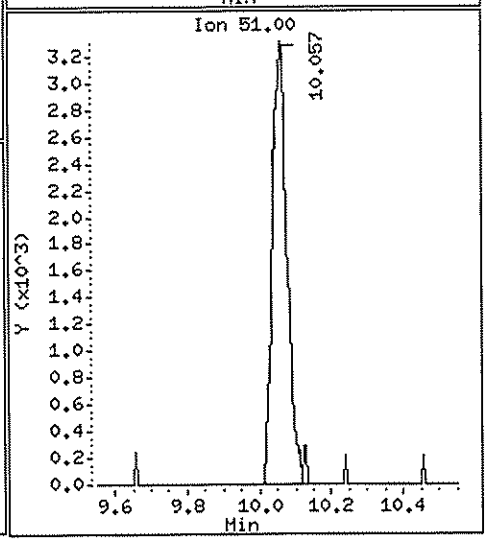


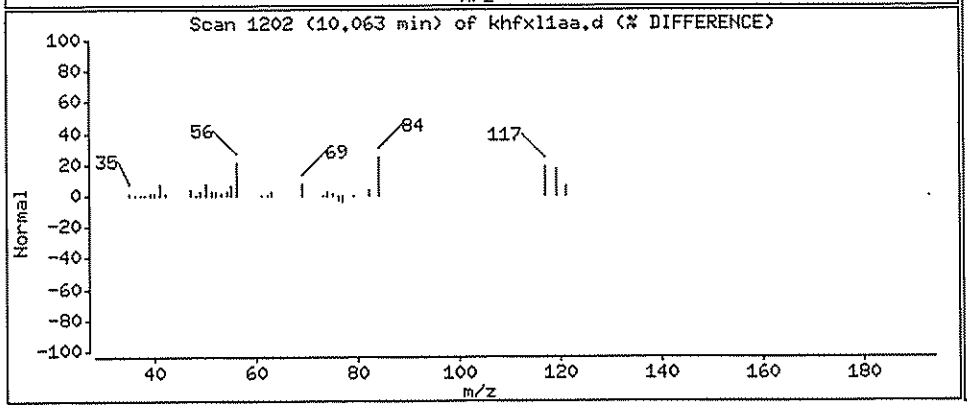












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

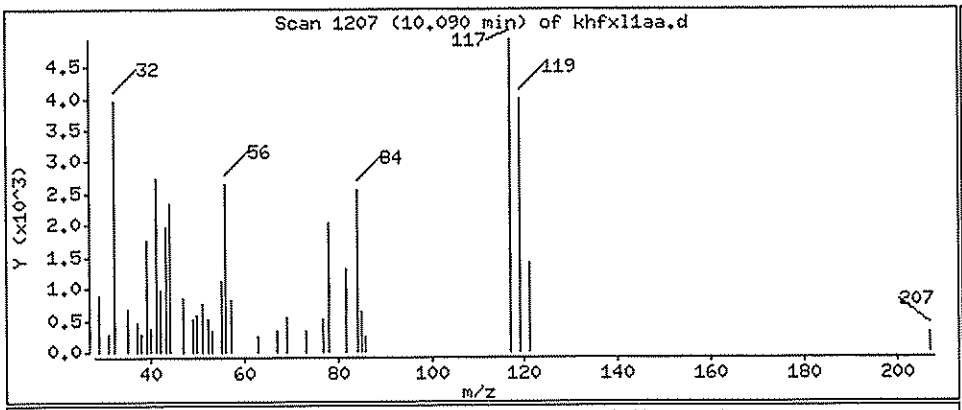
Operator: 7126

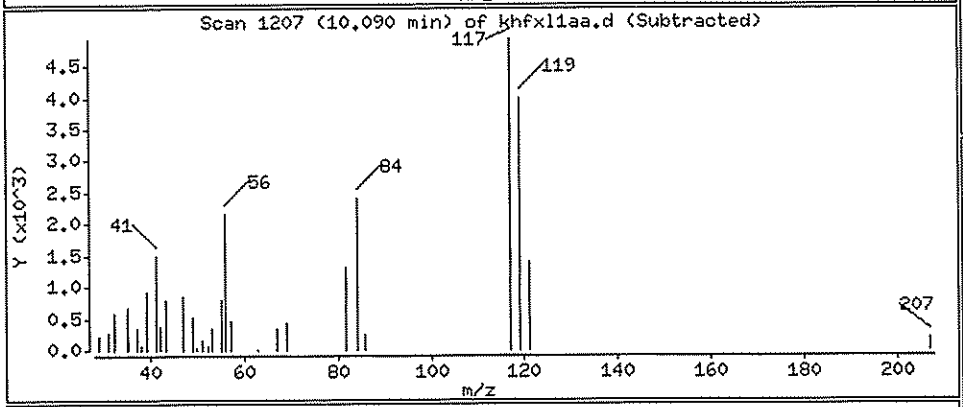
Column phase: HP-5

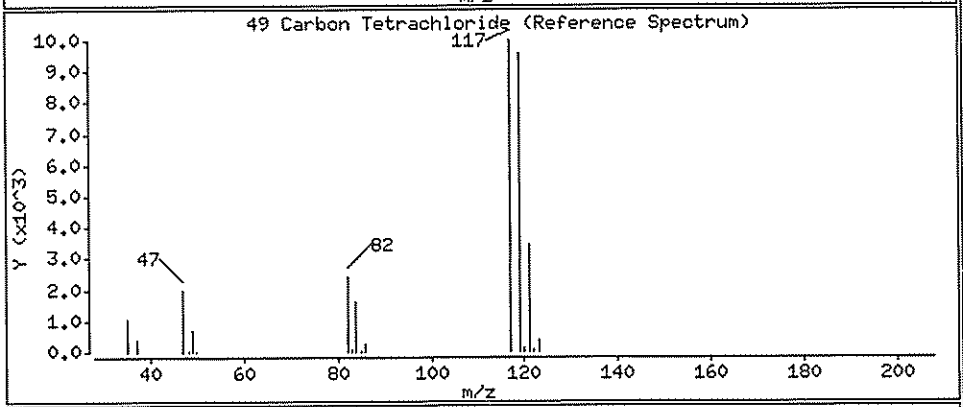
Column diameter: 0.32

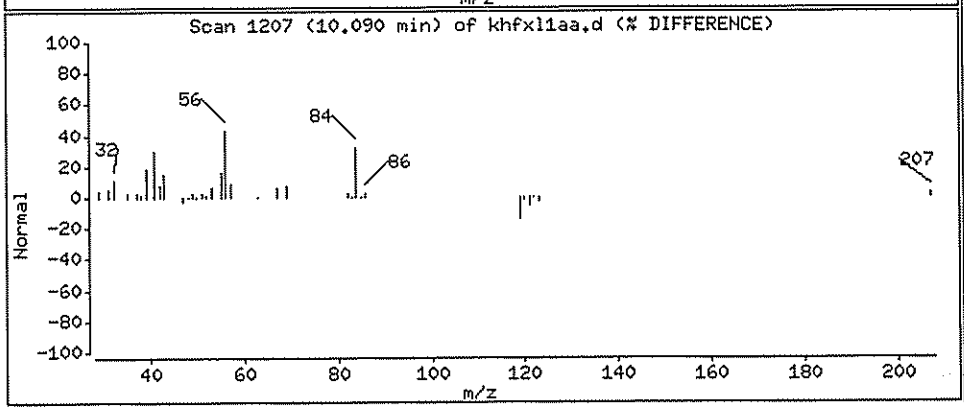
49 Carbon Tetrachloride

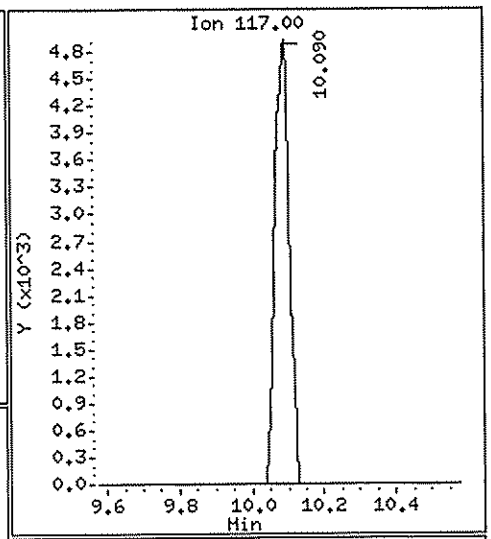
Concentration: 0.1052 ppb(v/v)

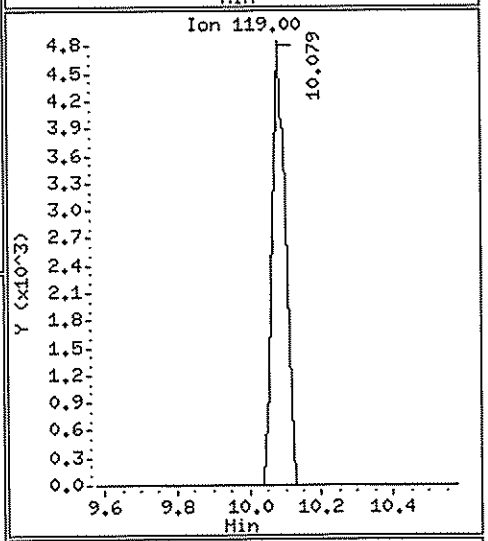


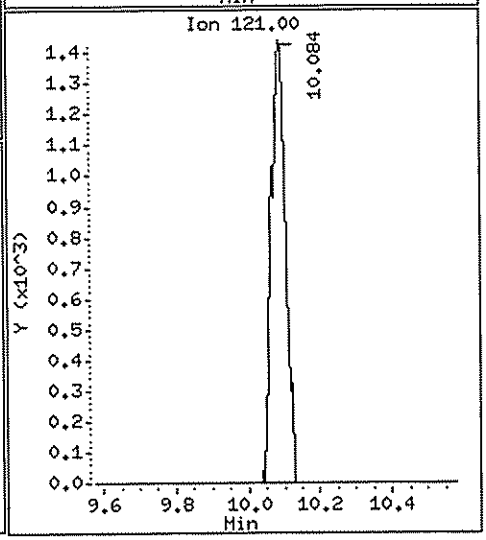












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

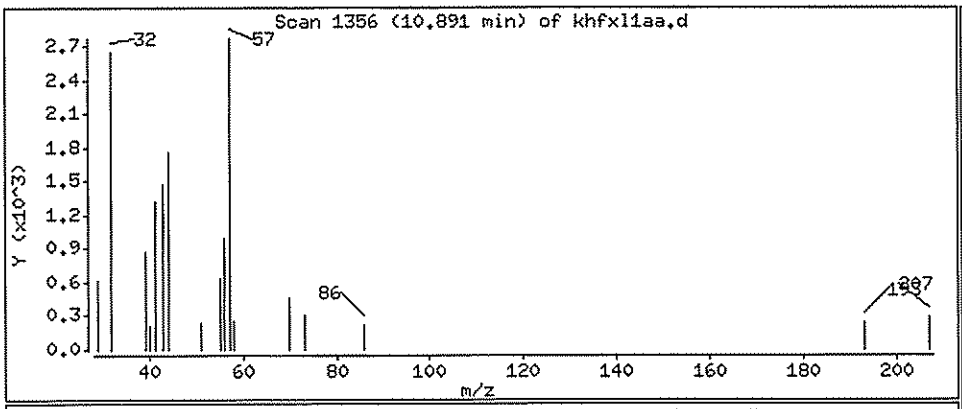
Operator: 7126

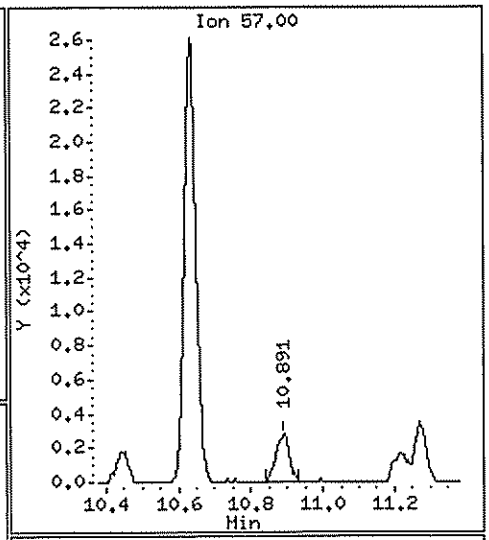
Column phase: HP-5

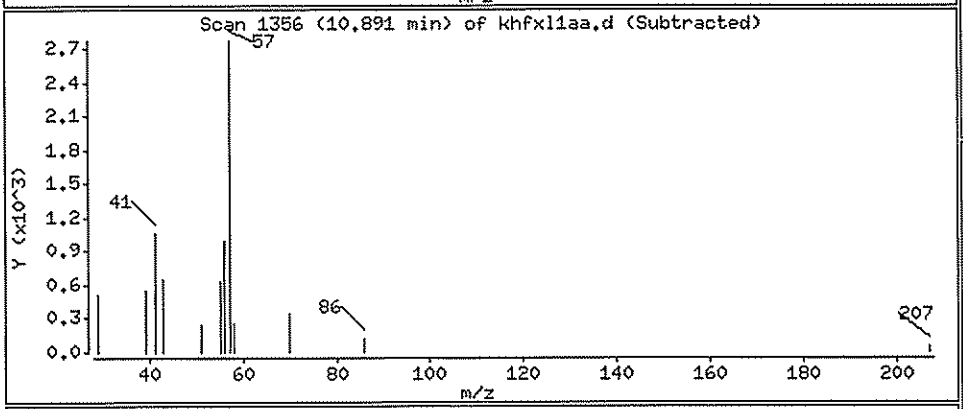
Column diameter: 0.32

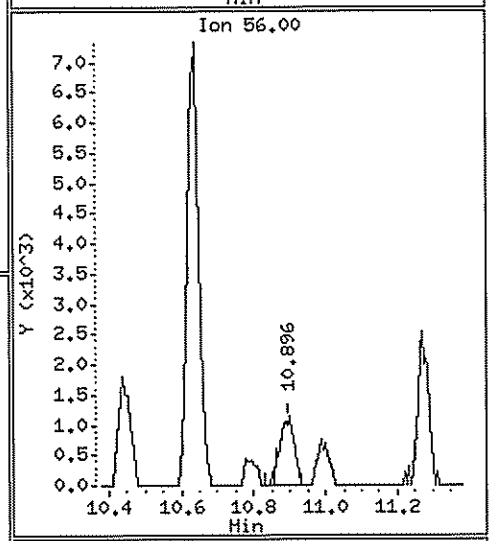
50 2,2,4-trimethylpentane

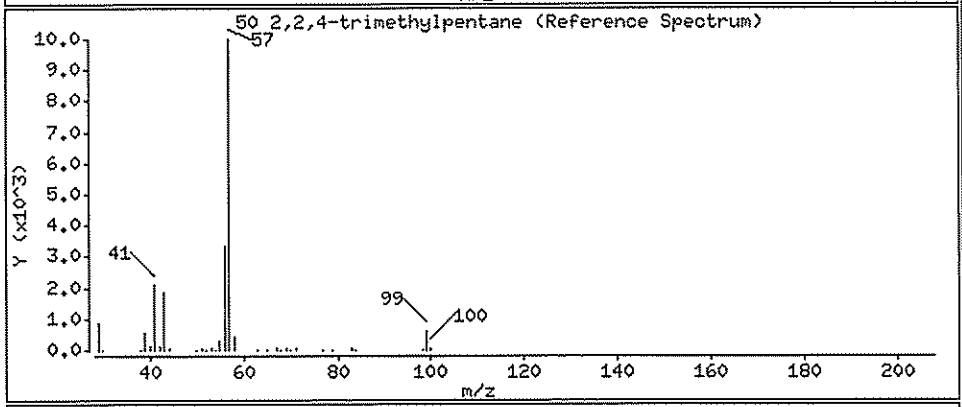
Concentration: 0.05510 ppb(v/v)

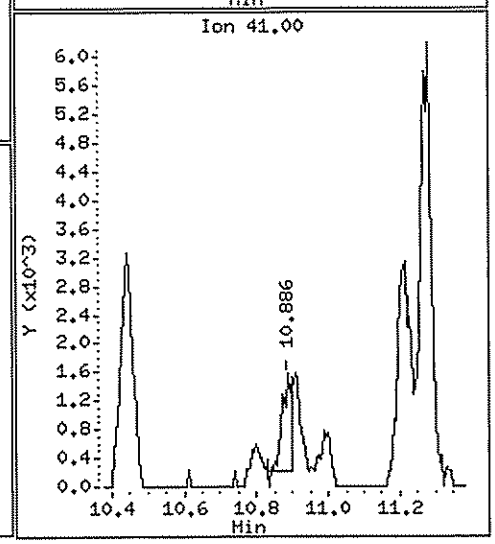


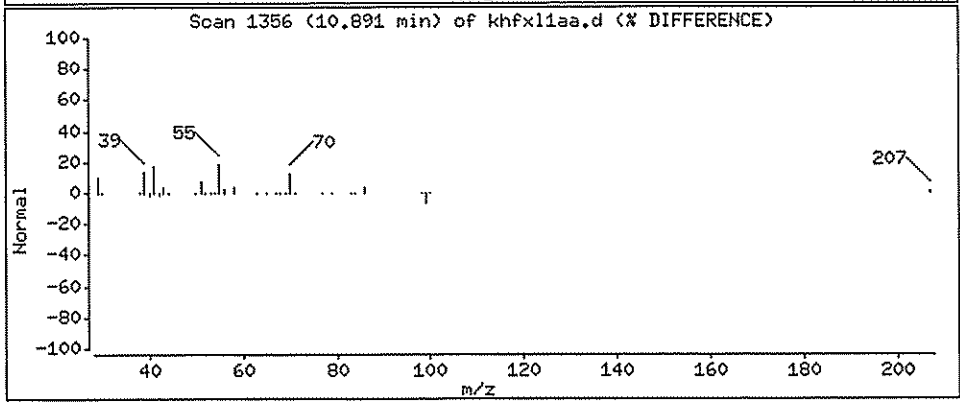












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

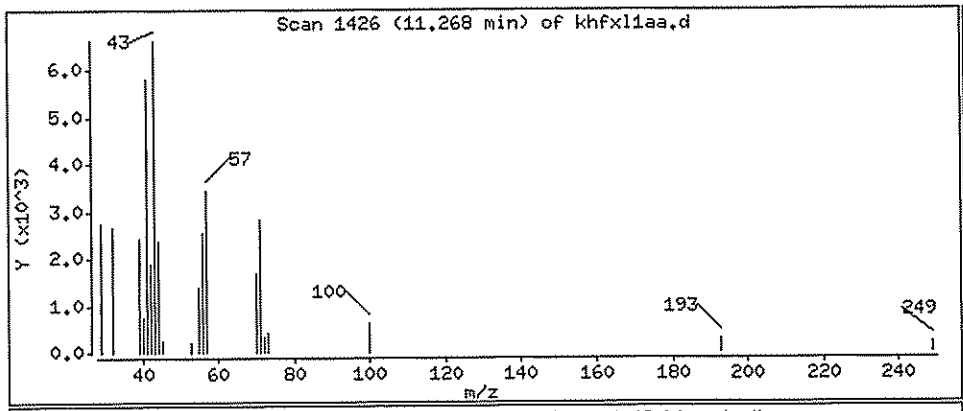
Operator: 7126

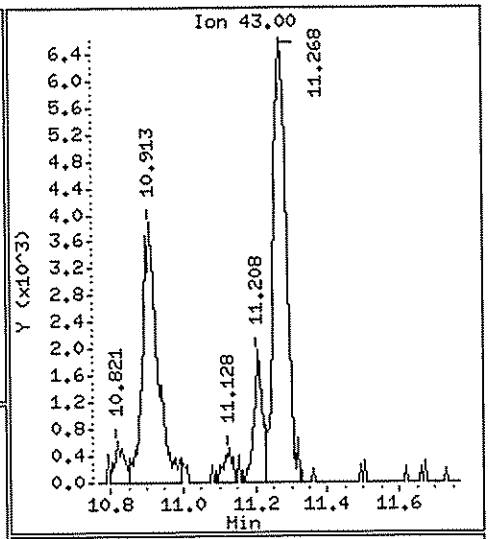
Column phase: HP-5

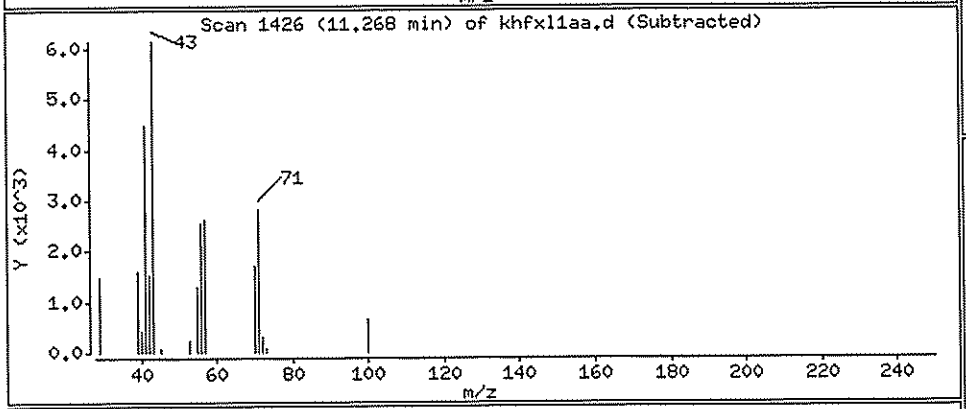
Column diameter: 0.32

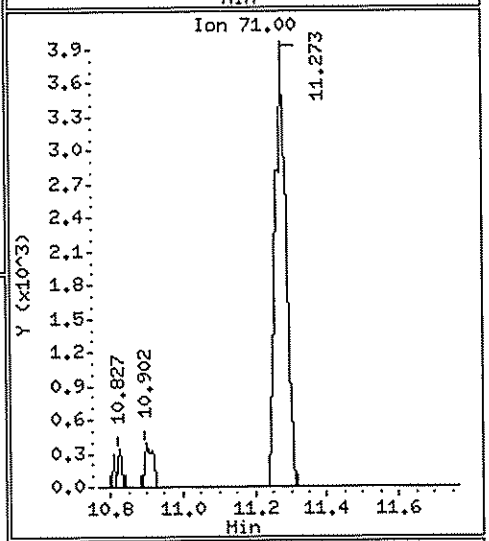
51 Heptane

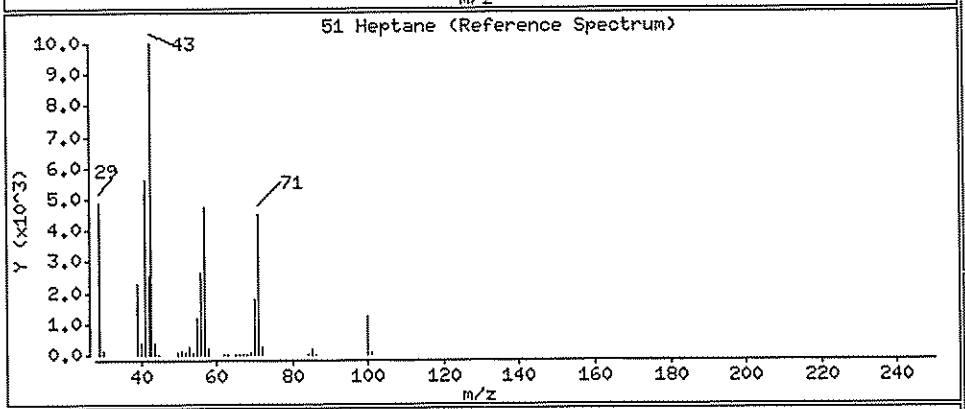
Concentration: 0.3431 ppb(v/v)

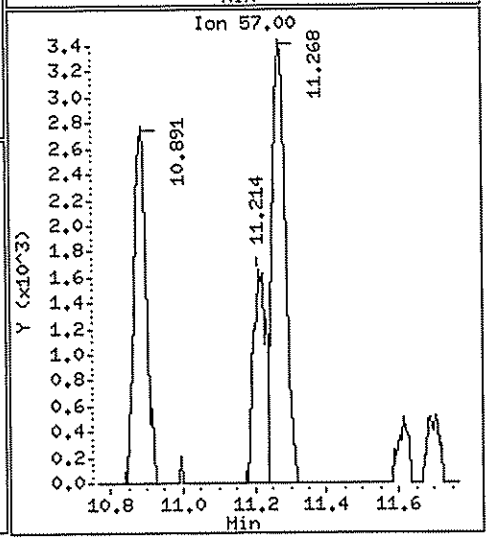


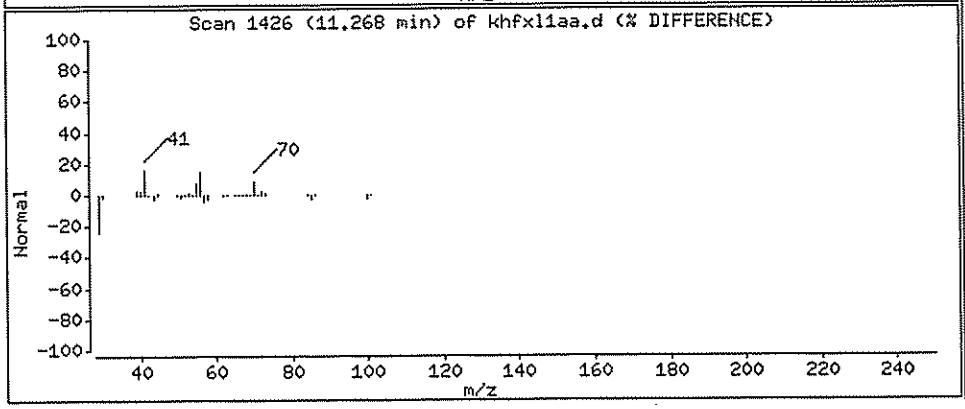












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

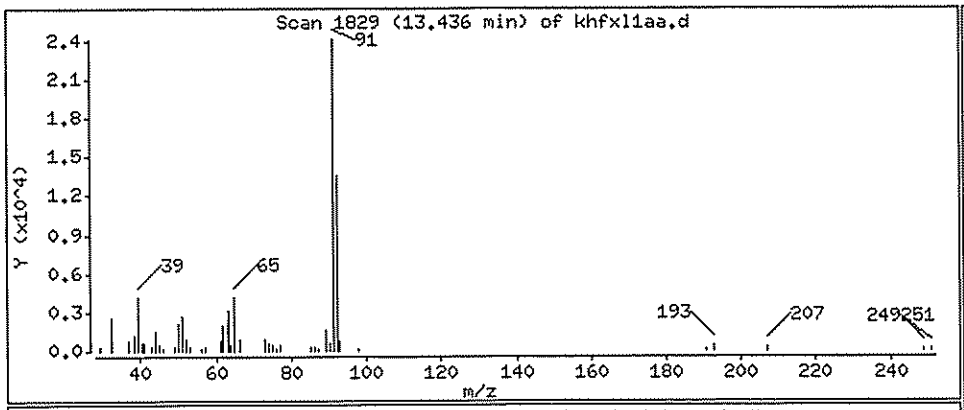
Operator: 7126

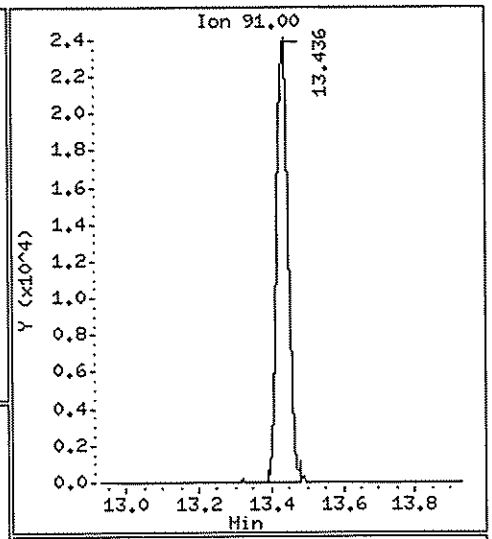
Column phase: HP-5

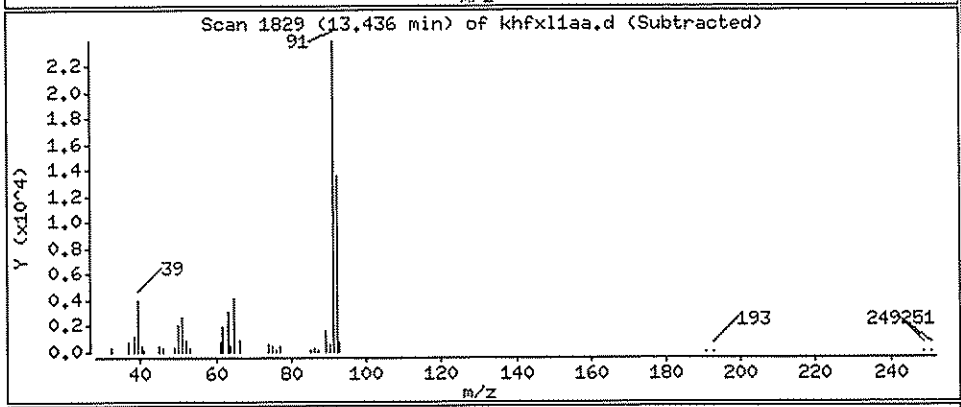
Column diameter: 0.32

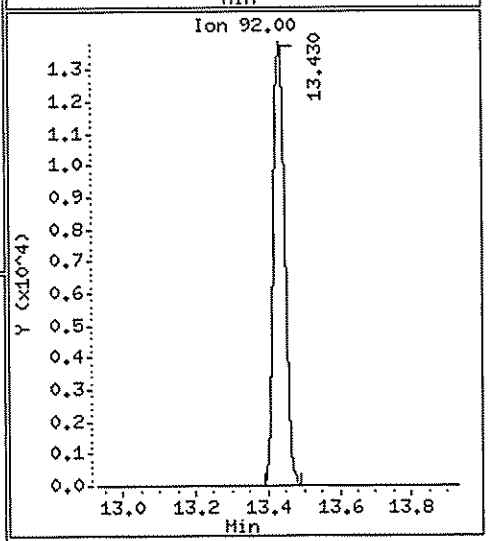
61 Toluene

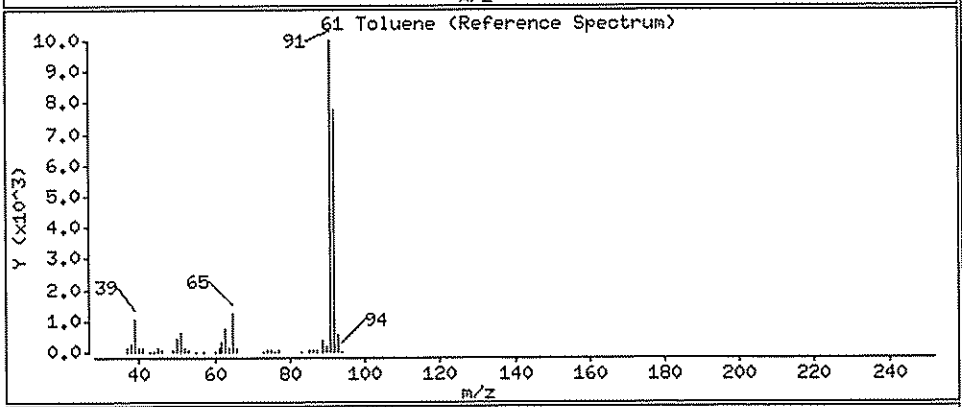
Concentration: 0.5657 ppb(v/v)

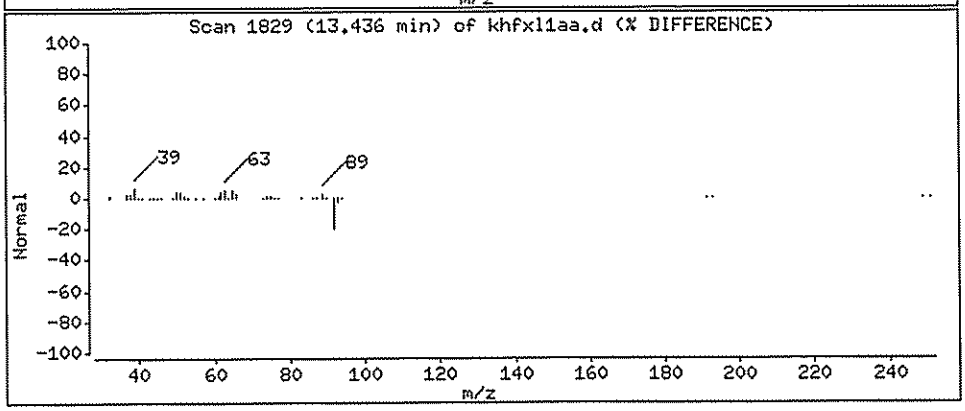












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

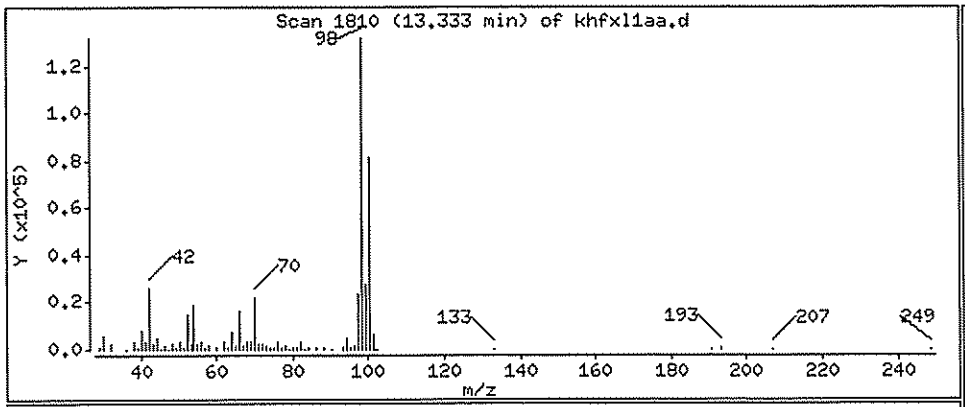
Operator: 7126

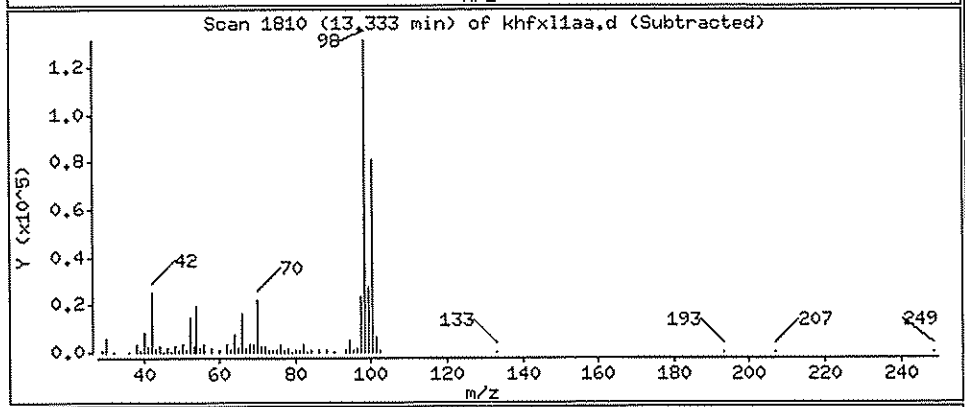
Column phase: HP-5

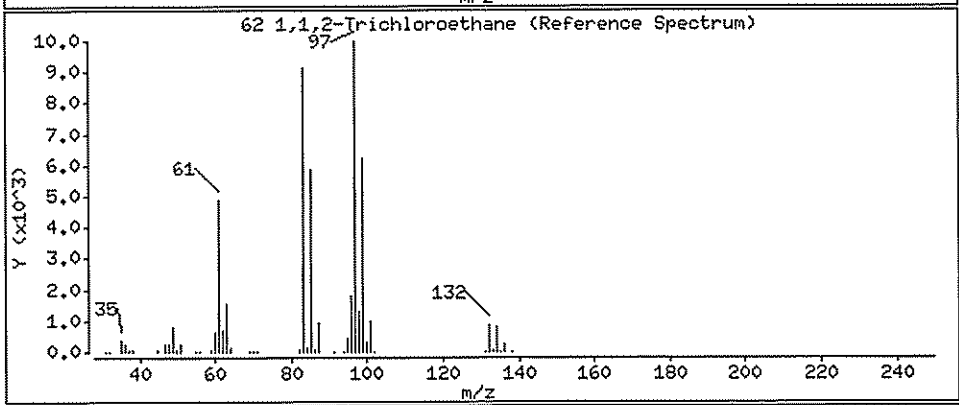
Column diameter: 0.32

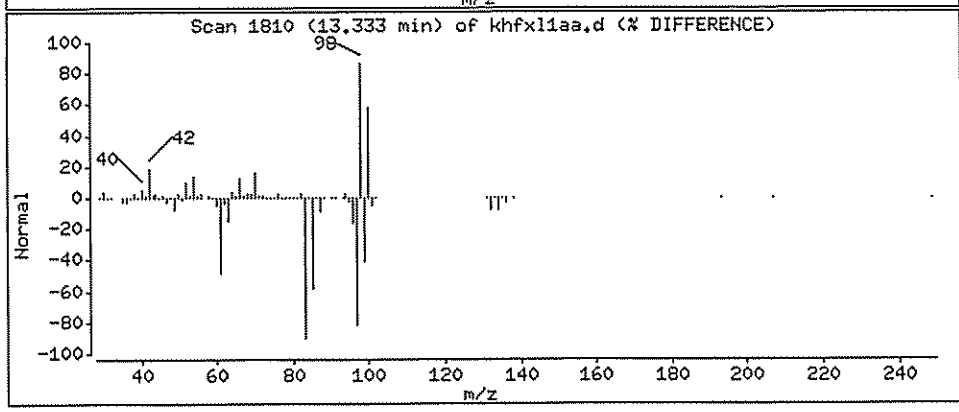
62 1,1,2-Trichloroethane

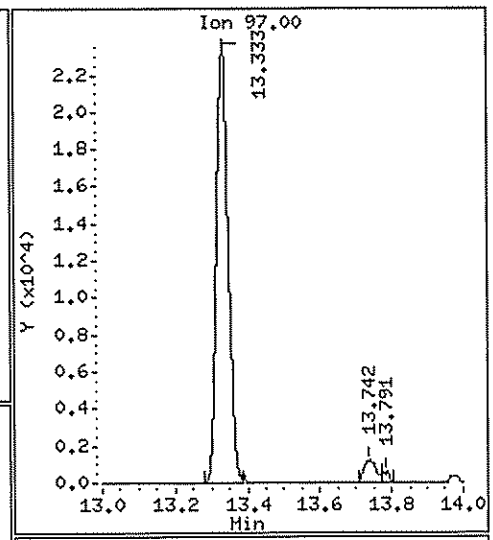
Concentration: 2.117 ppb(v/v)

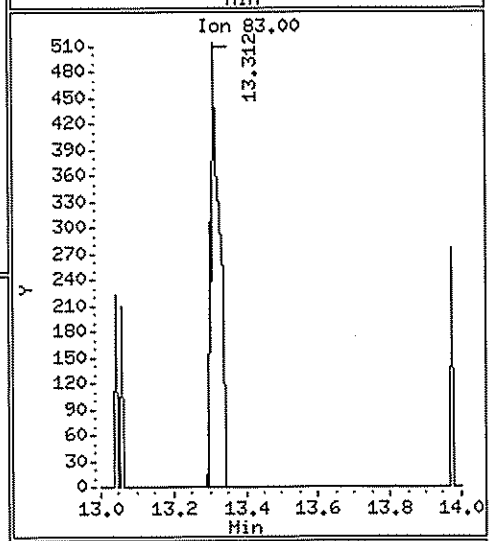


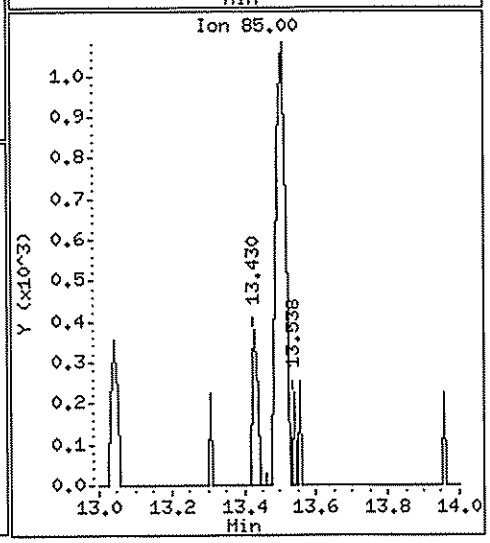












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

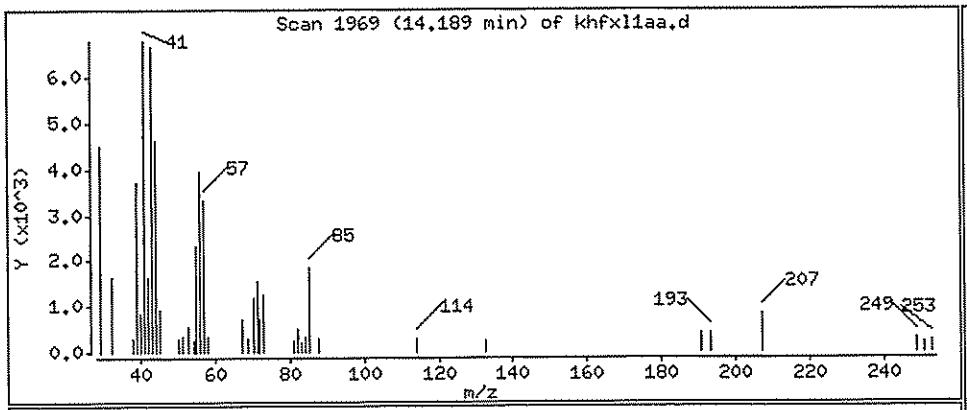
Operator: 7126

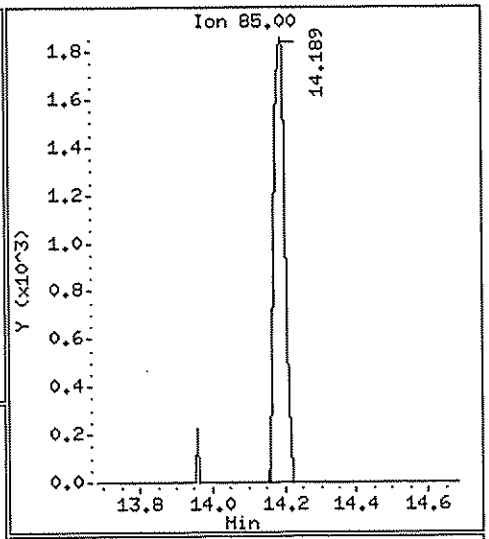
Column phase: HP-5

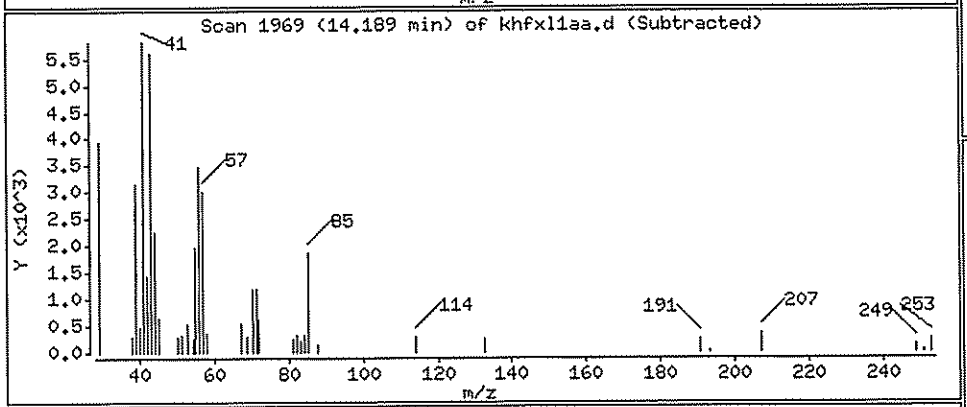
Column diameter: 0.32

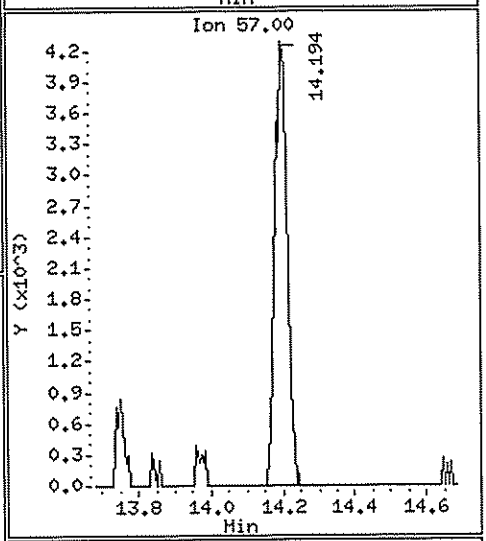
64 Octane

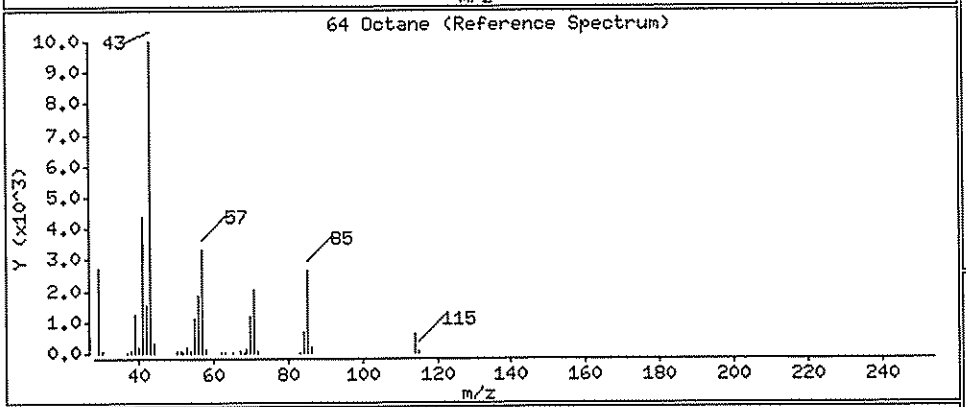
Concentration: 0.1382 ppb(v/v)

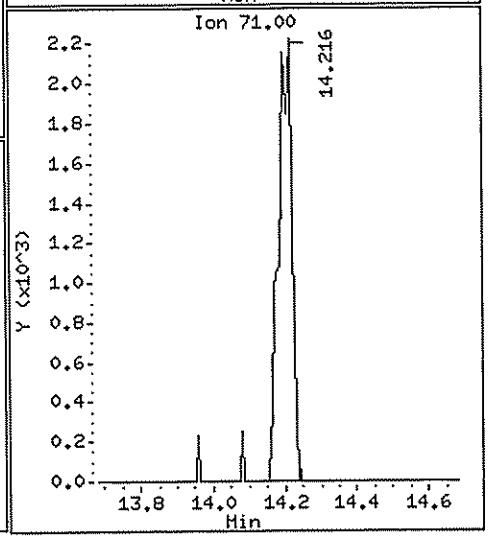


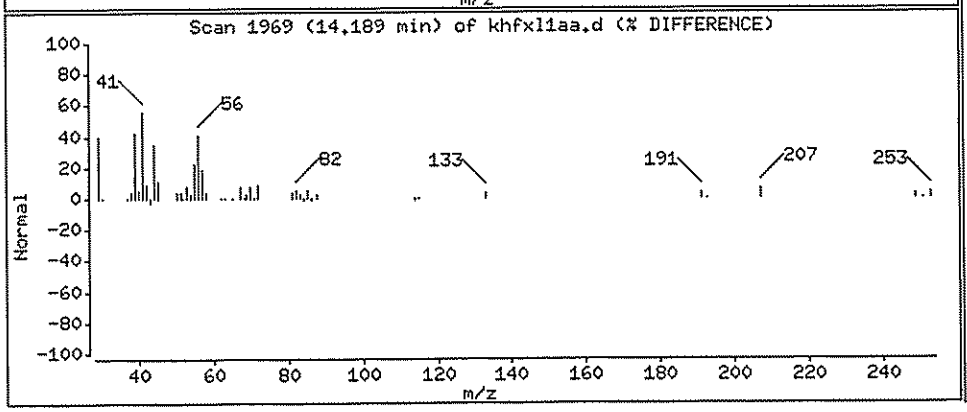












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

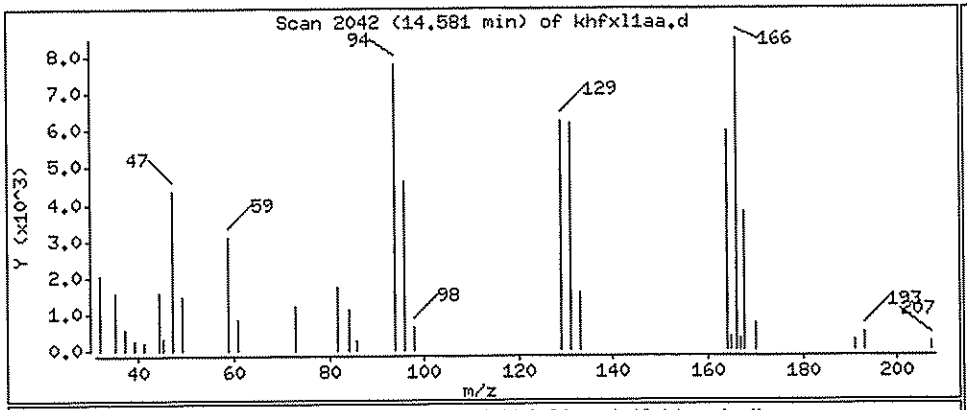
Operator: 7126

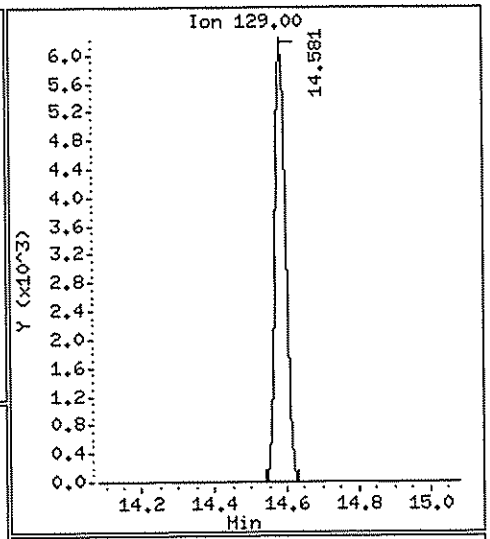
Column phase: HP-5

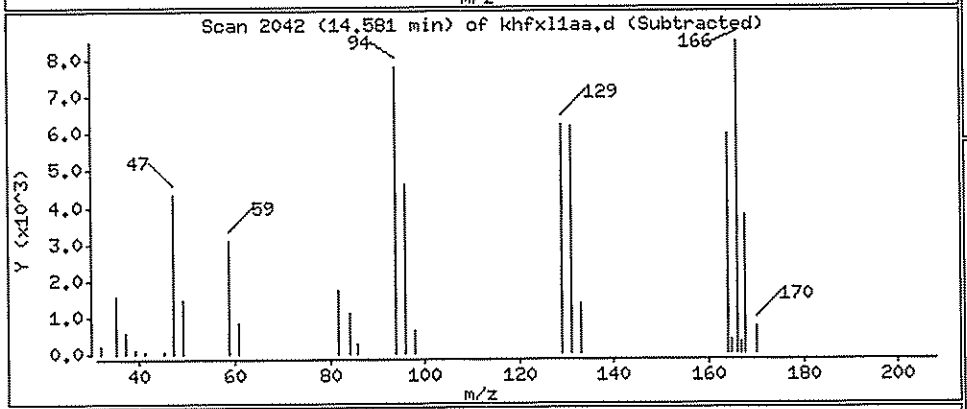
Column diameter: 0.32

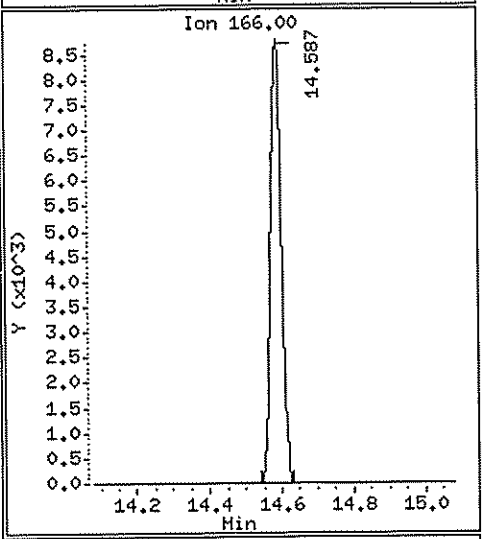
67 Tetrachloroethene

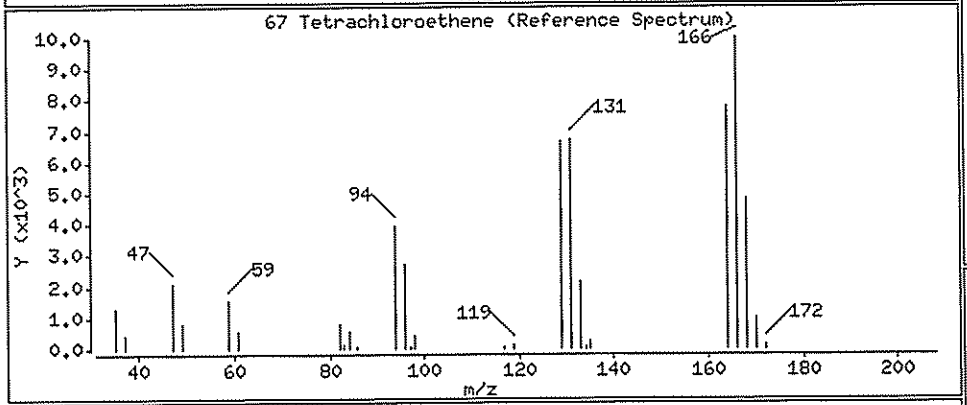
Concentration: 0.3385 ppb(v/v)

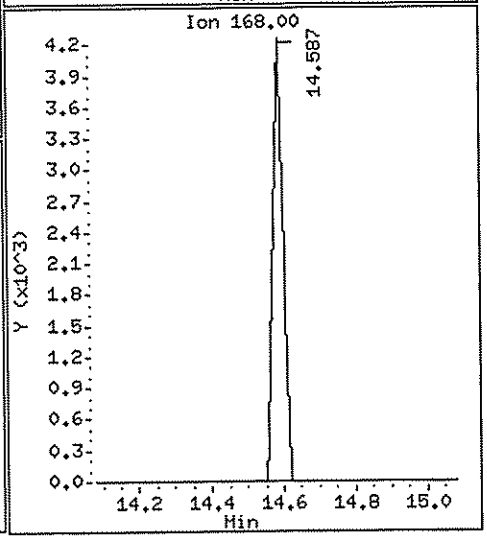


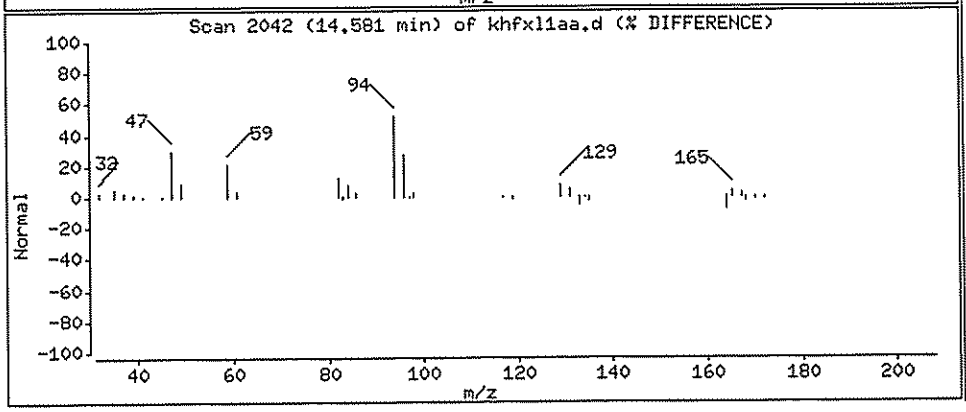












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

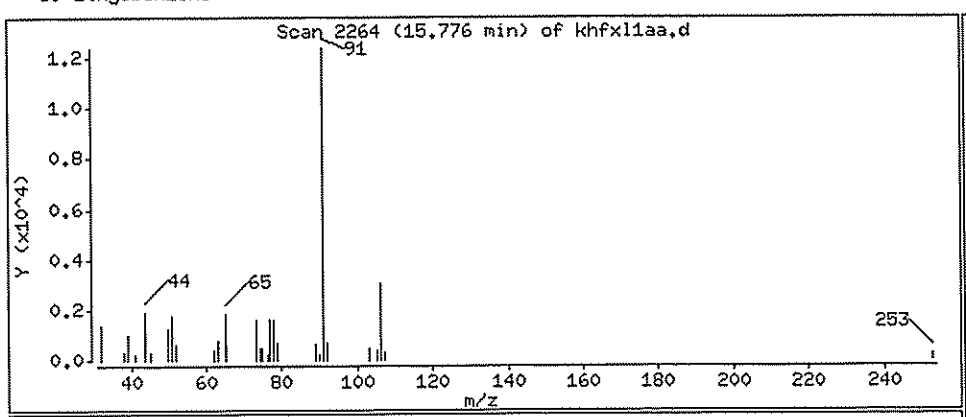
Operator: 7126

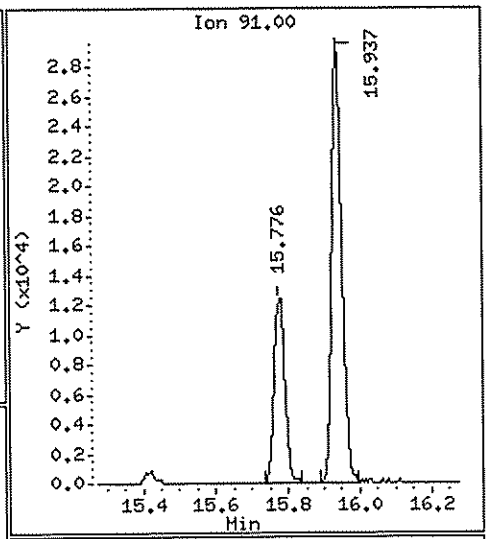
Column phase: HP-5

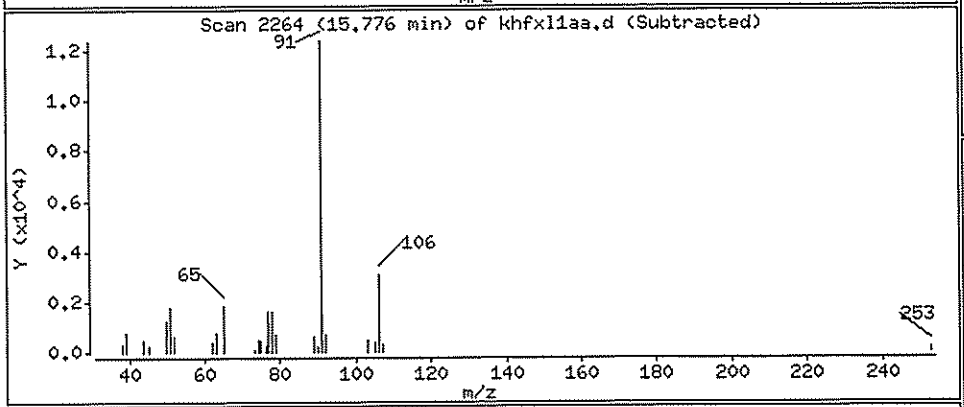
Column diameter: 0.32

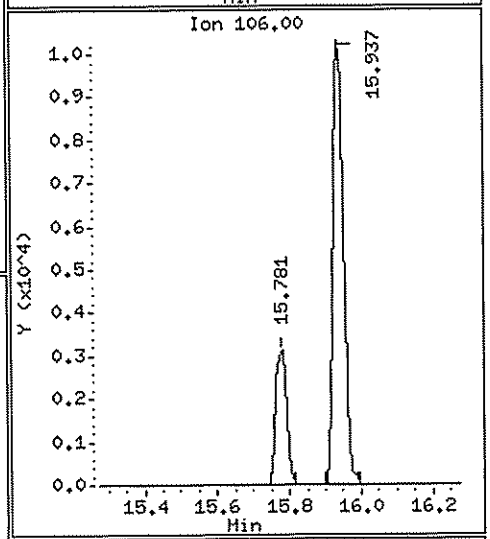
69 Ethylbenzene

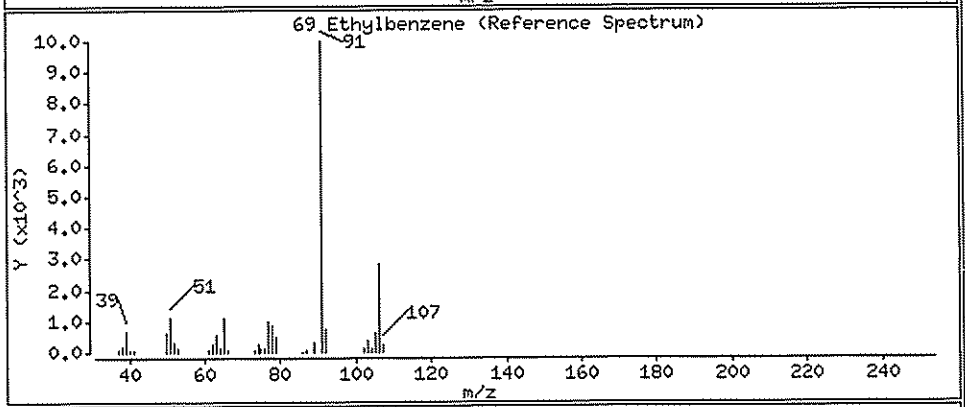
Concentration: 0.2303 ppb(v/v)

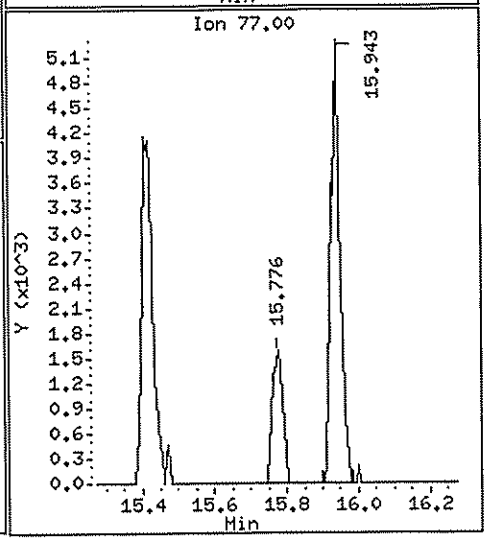


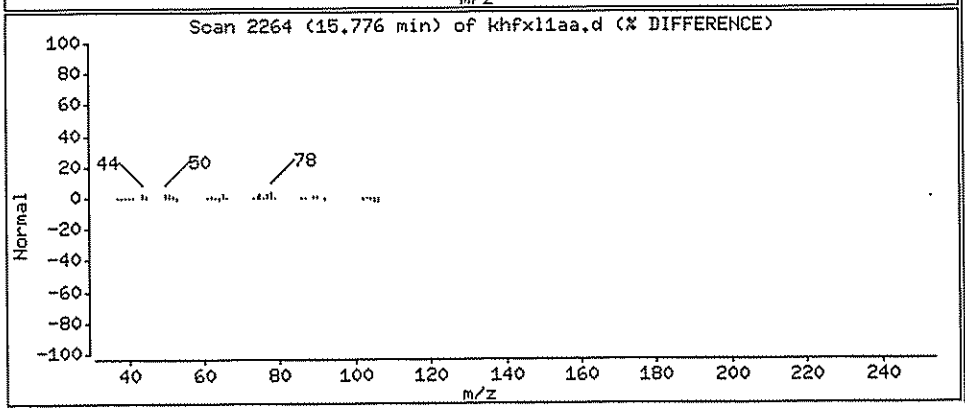












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

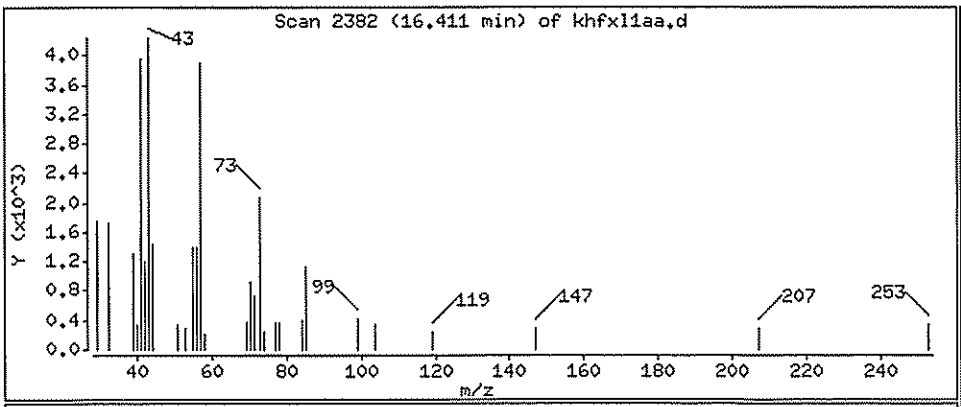
Operator: 7126

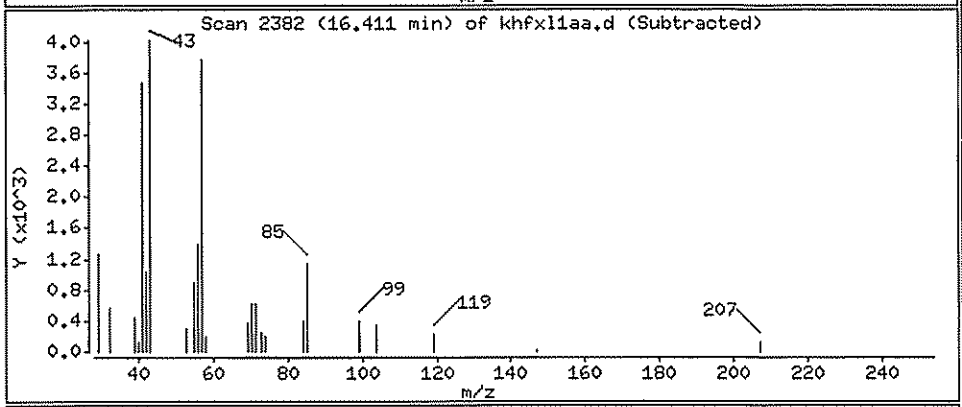
Column phase: HP-5

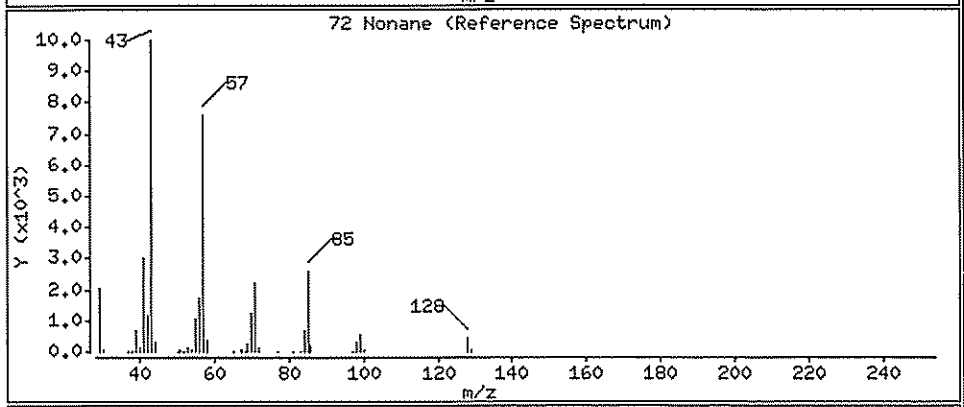
Column diameter: 0.32

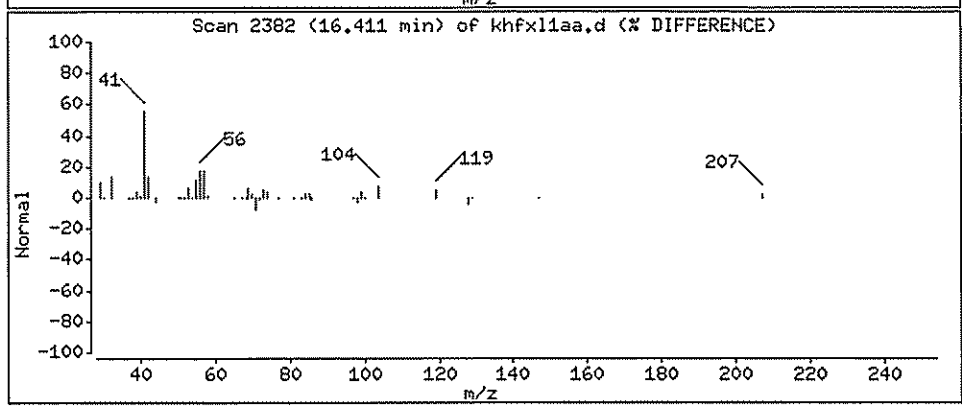
72 Nonane

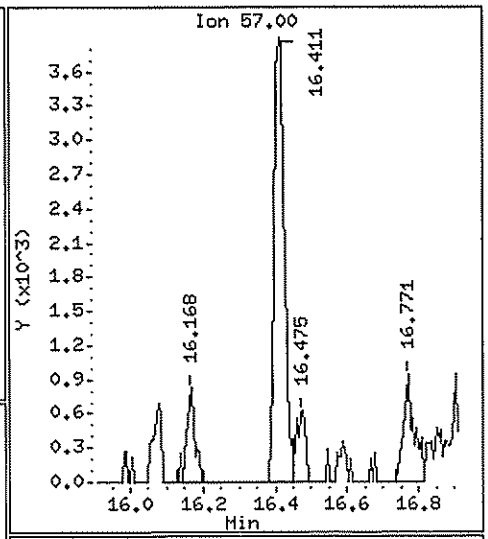
Concentration: 0.1474 ppb(v/v)

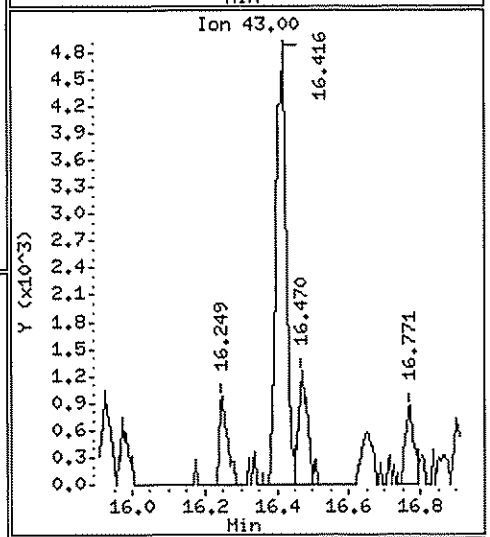


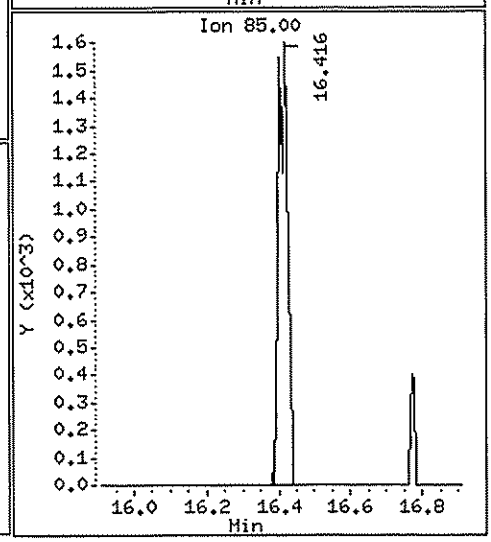












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

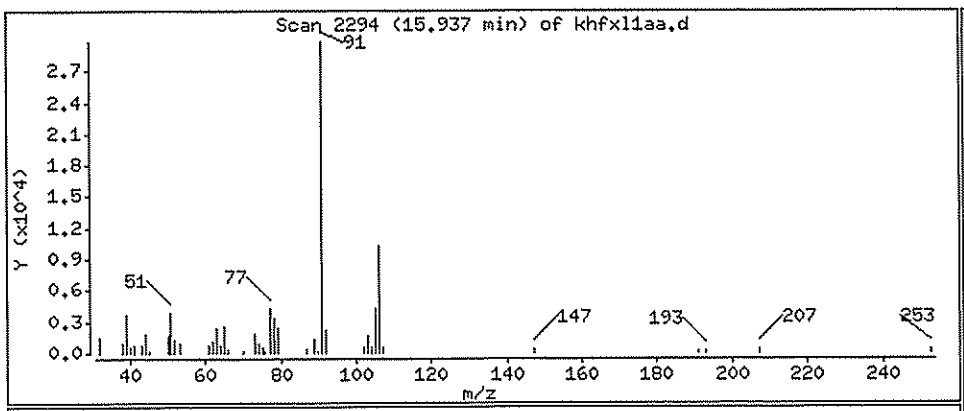
Operator: 7126

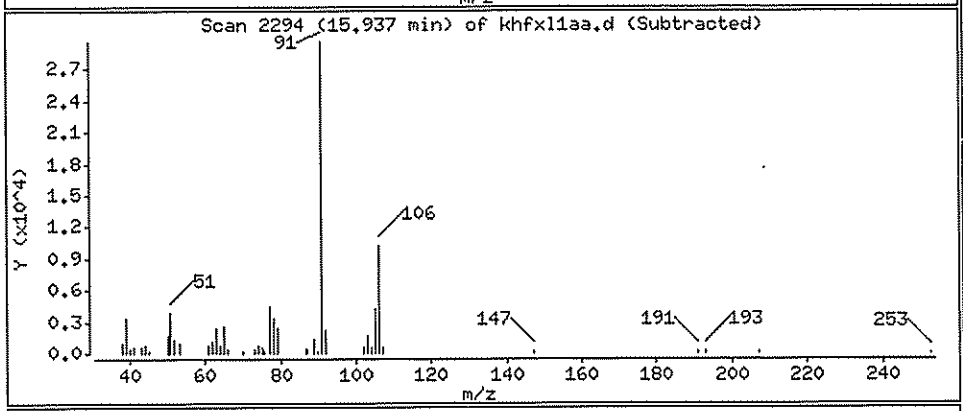
Column phase: HP-5

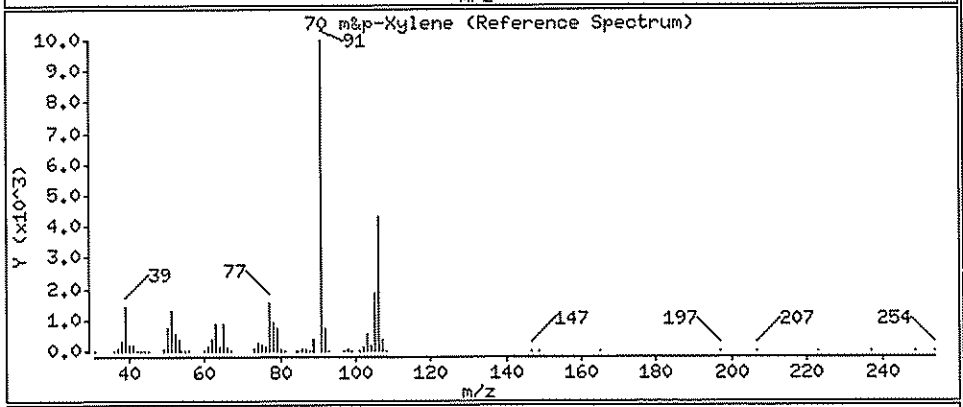
Column diameter: 0.32

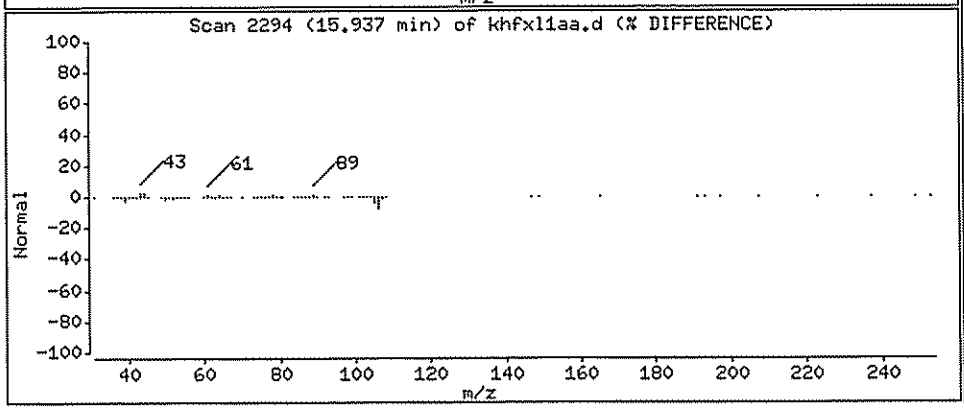
70 m&p-Xylene

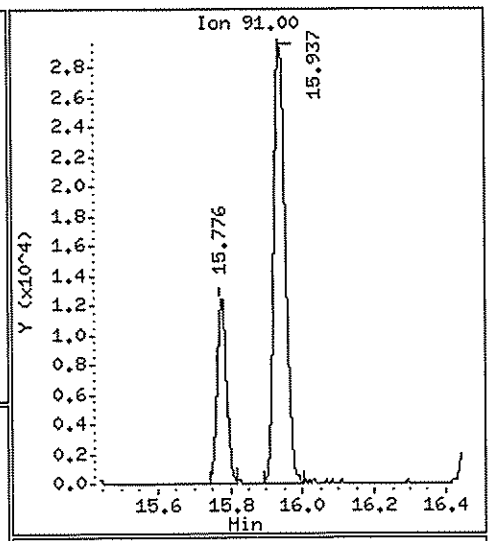
Concentration: 0.6908 ppb(v/v)

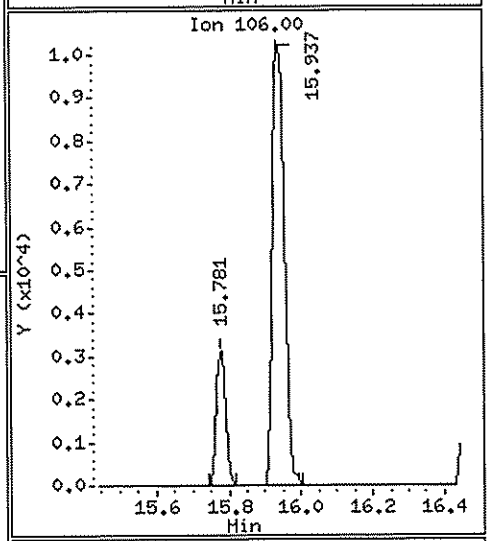


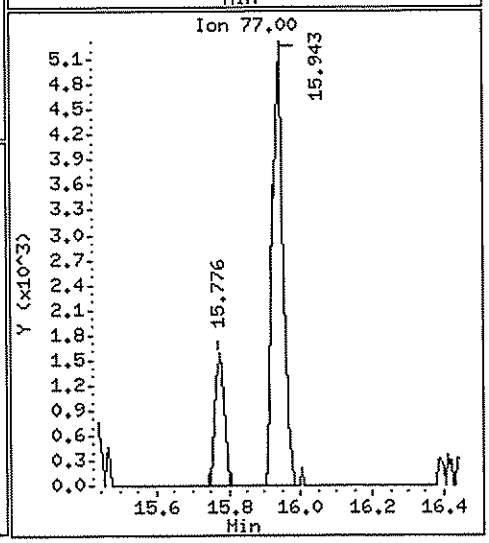












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

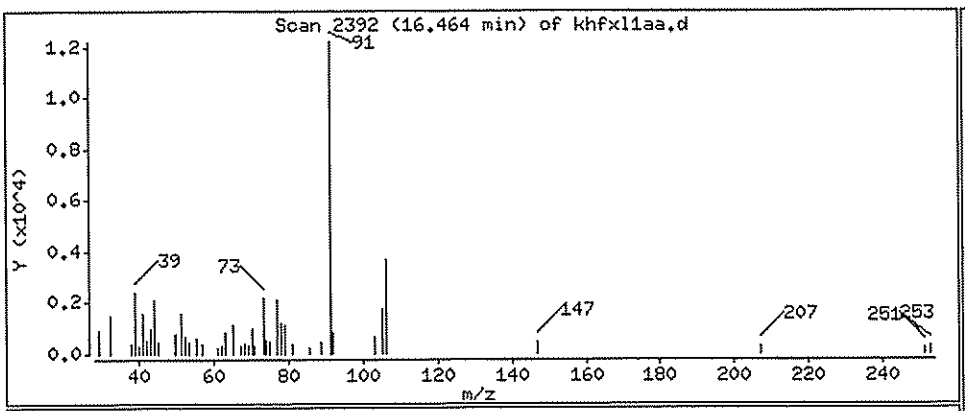
Operator: 7126

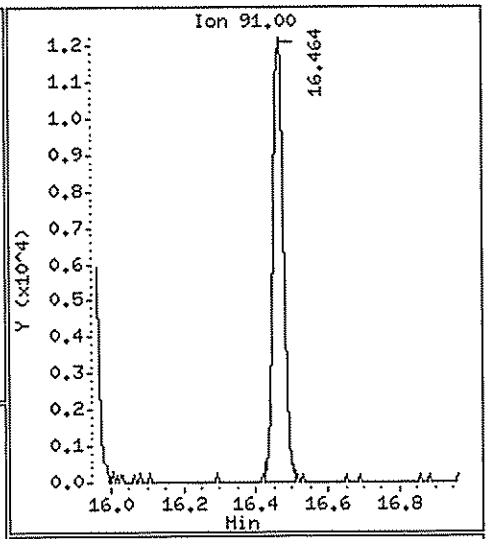
Column phase: HP-5

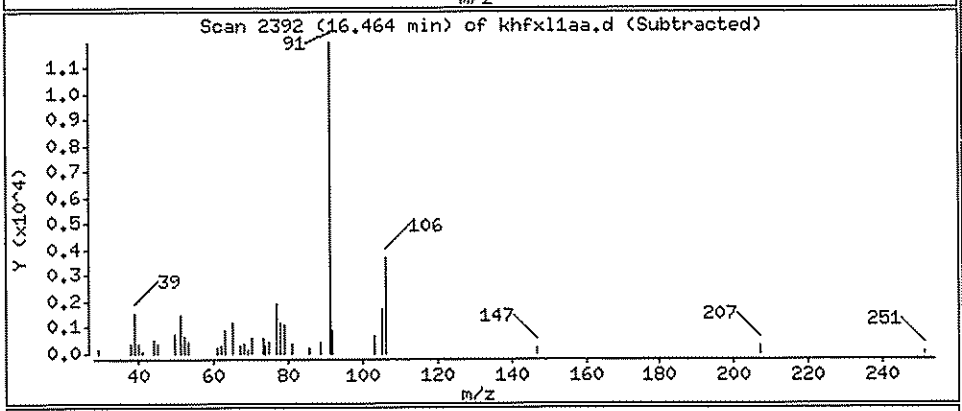
Column diameter: 0.32

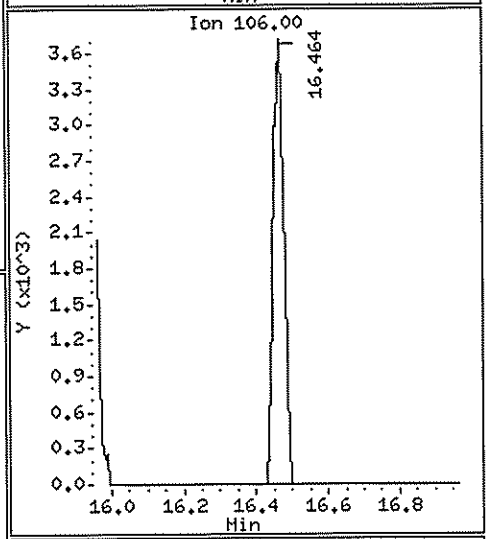
74 o-Xylene

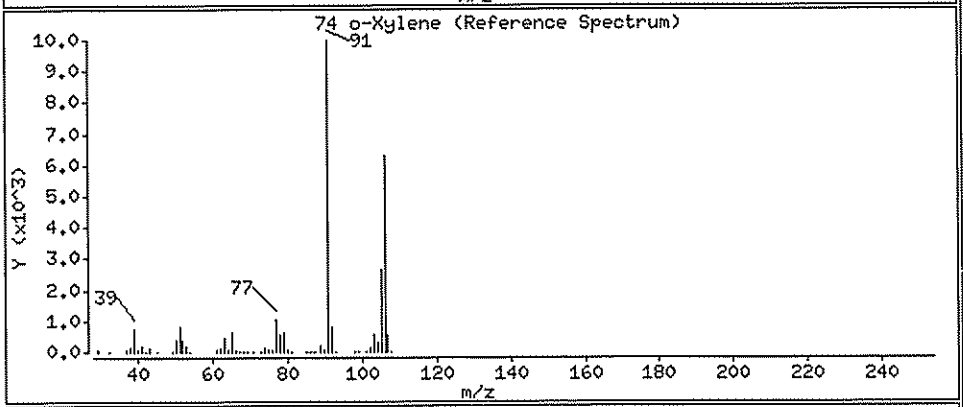
Concentration: 0.2429 ppb(v/v)

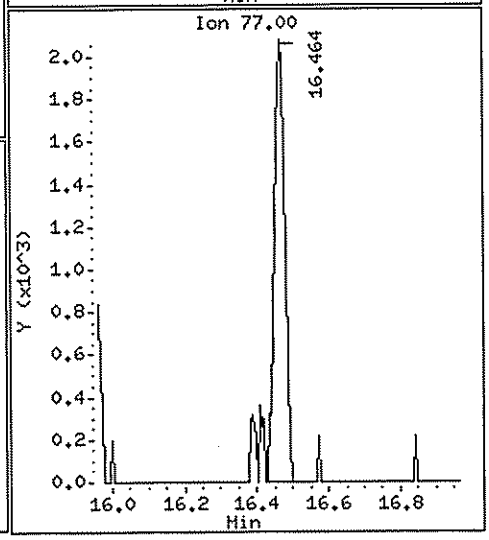


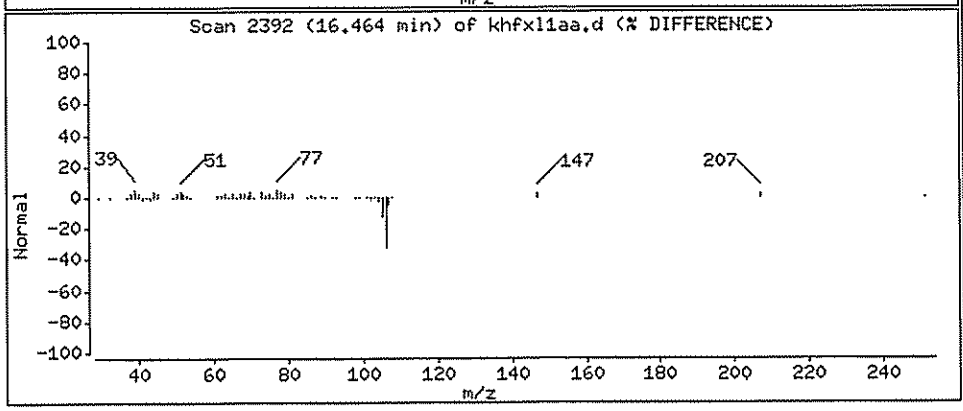












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

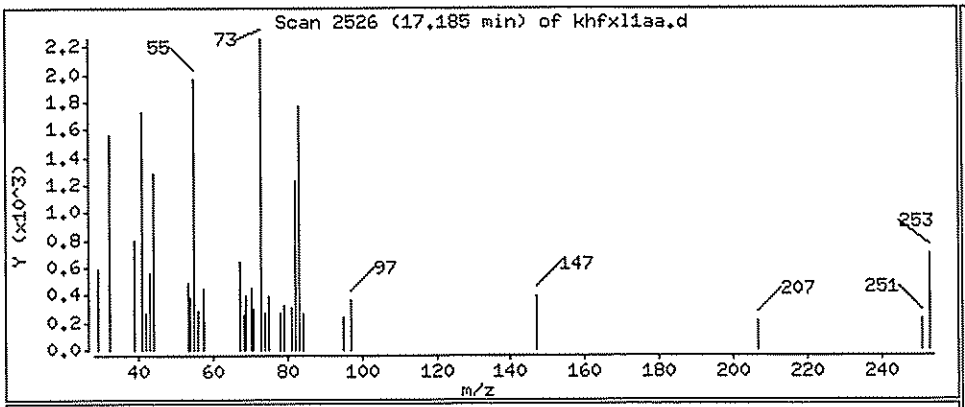
Operator: 7126

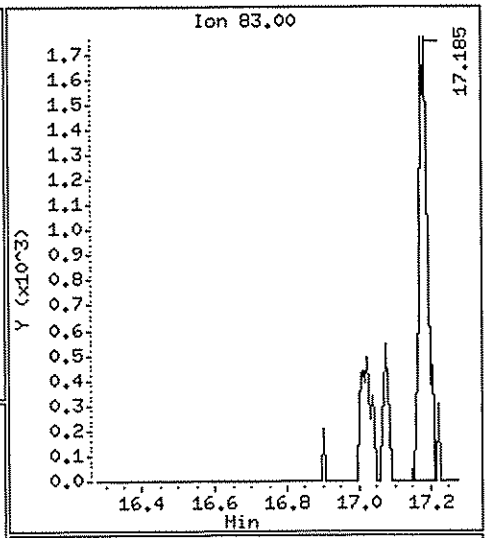
Column phase: HP-5

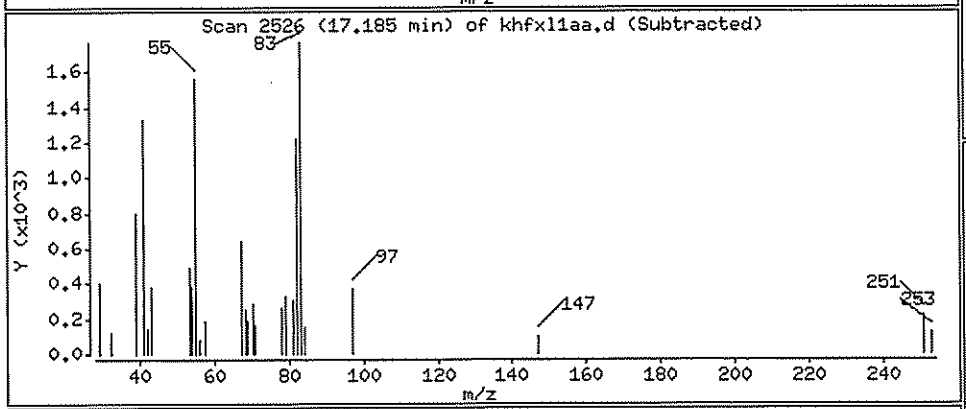
Column diameter: 0.32

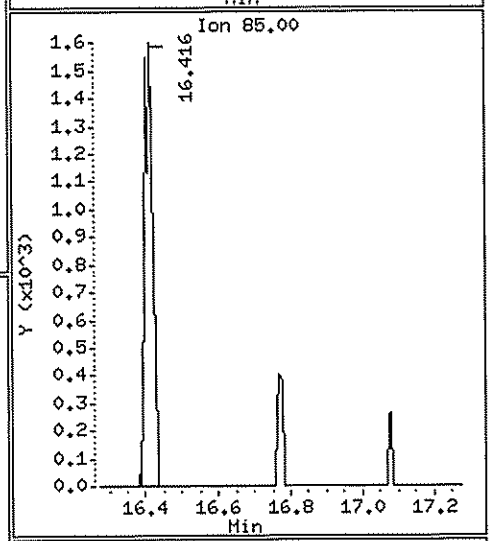
75 1,1,2,2-Tetrachloroethane

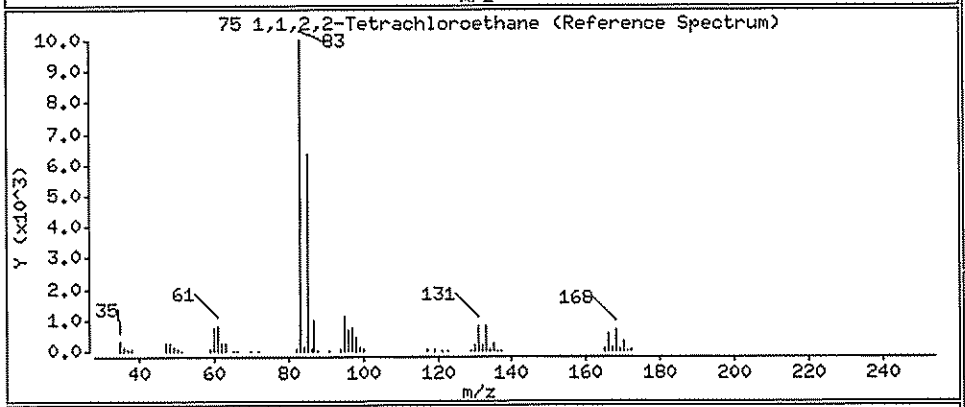
Concentration: 0.05426 ppb(v/v)

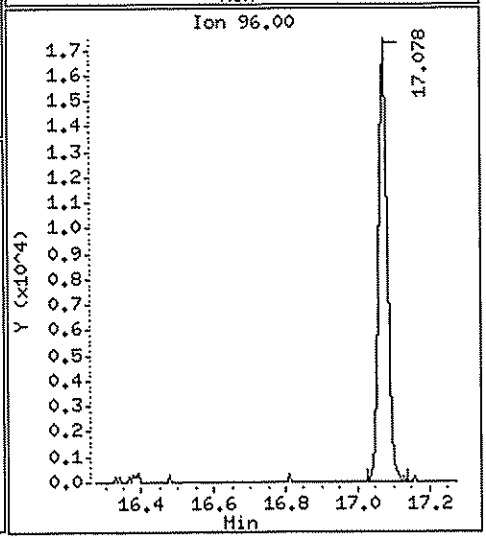


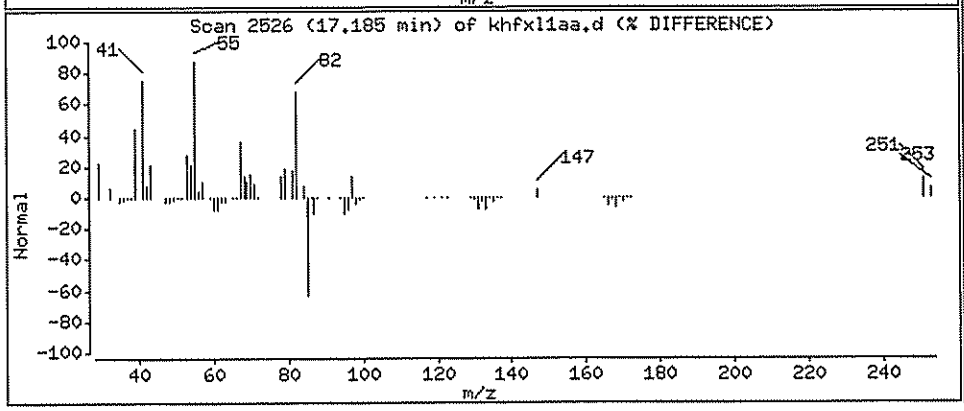












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

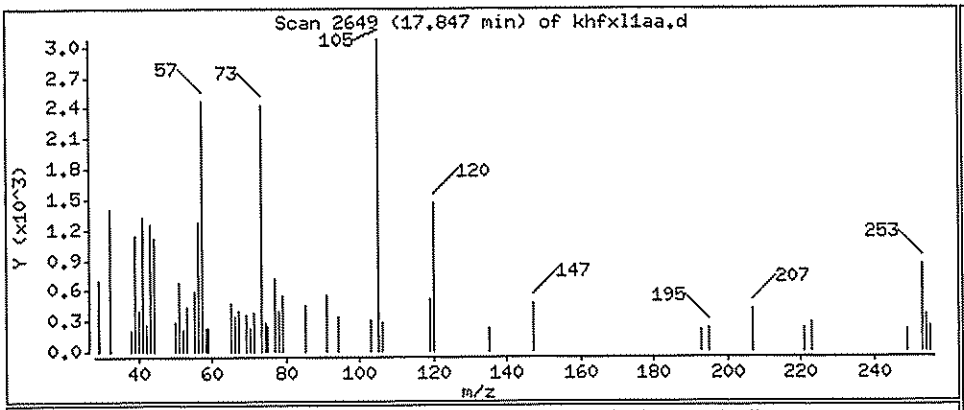
Operator: 7126

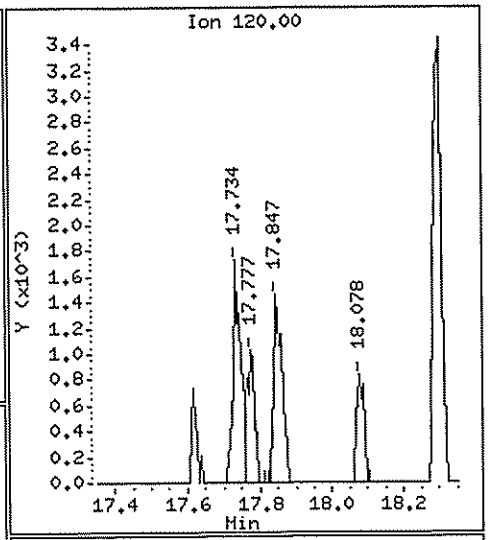
Column phase: HP-5

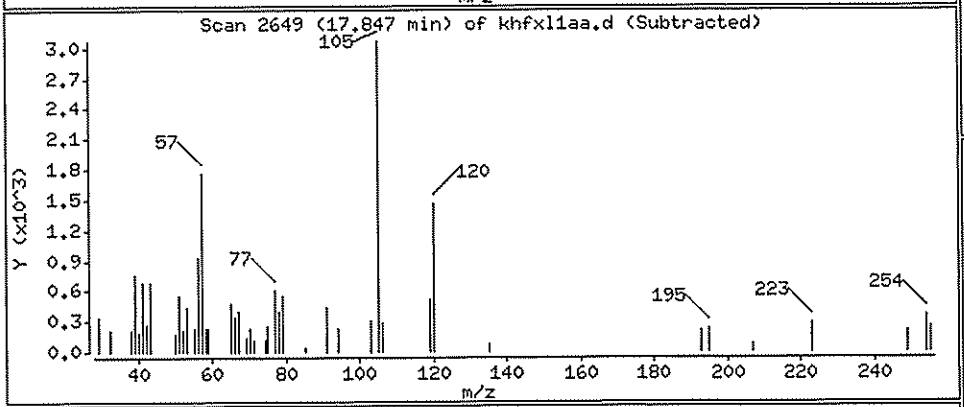
Column diameter: 0.32

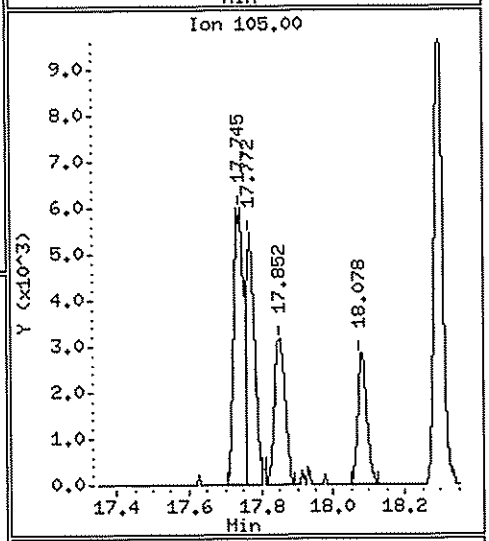
81 1,3,5-Trimethylbenzene

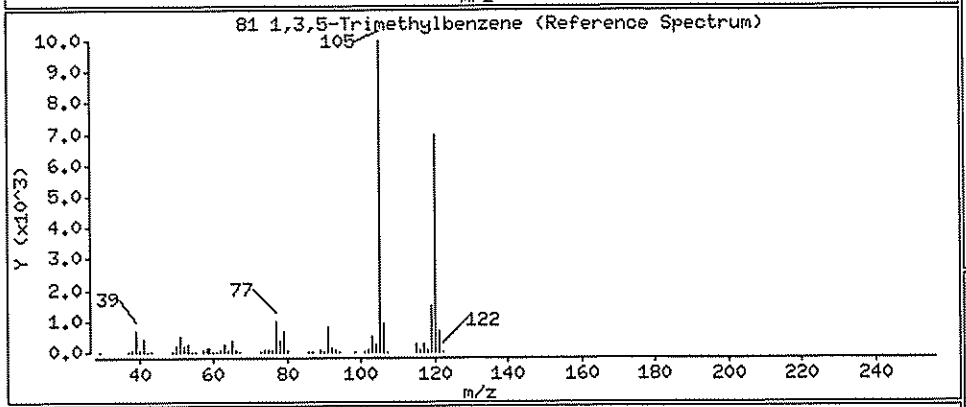
Concentration: 0.05163 ppb(v/v)

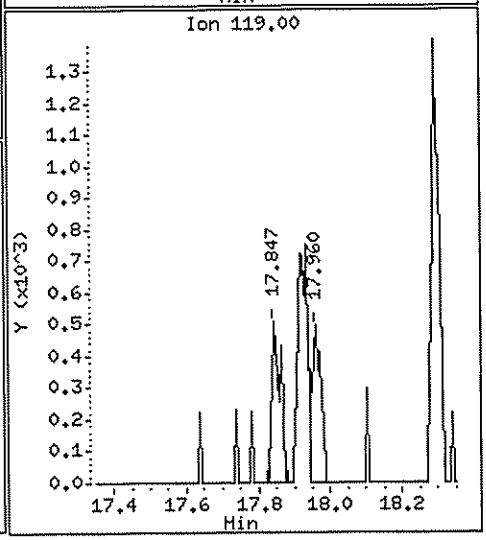


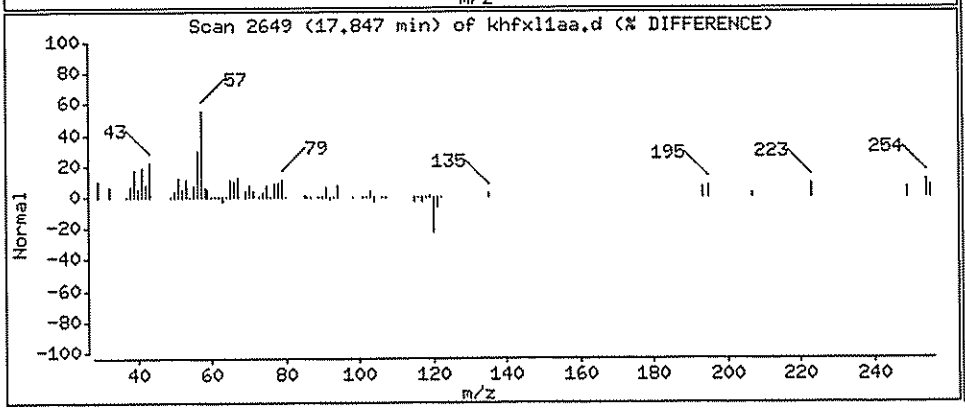












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

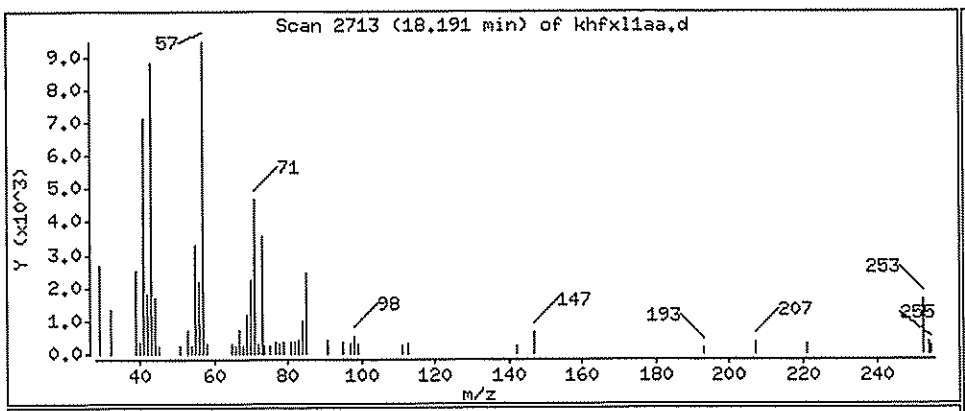
Operator: 7126

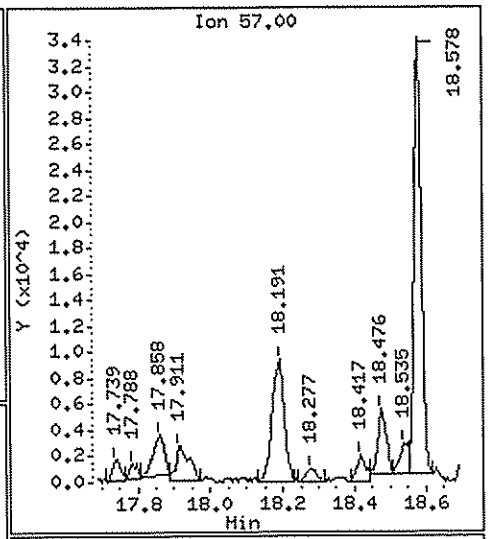
Column phase: HP-5

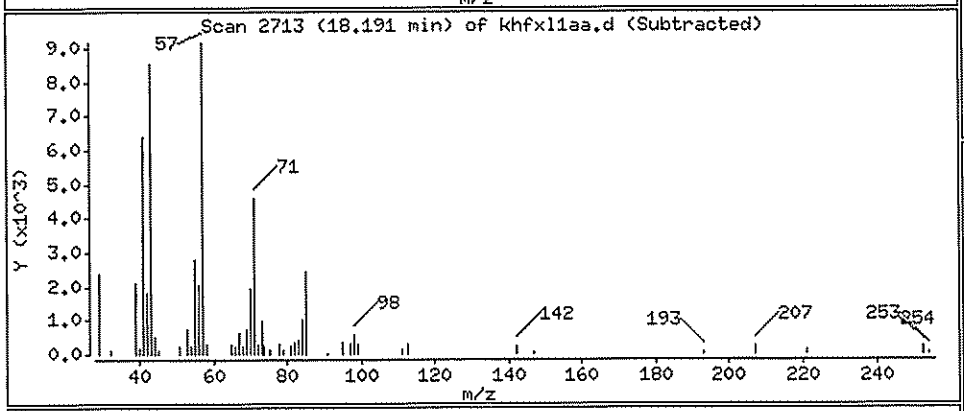
Column diameter: 0.32

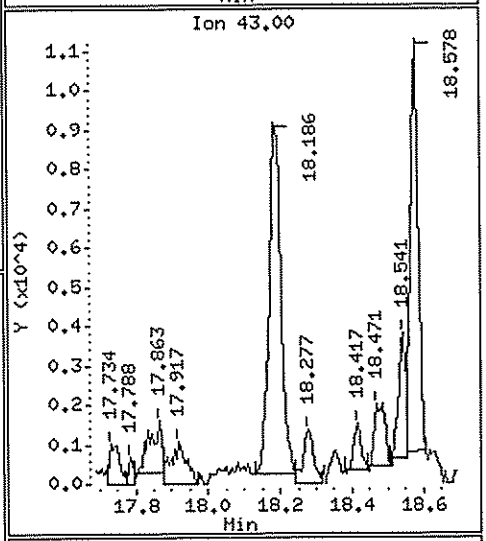
83 Decane

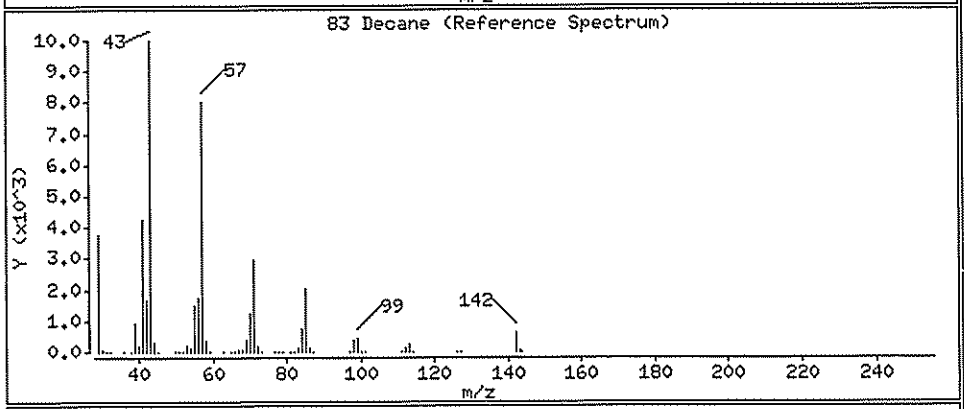
Concentration: 0.3346 ppb(v/v)

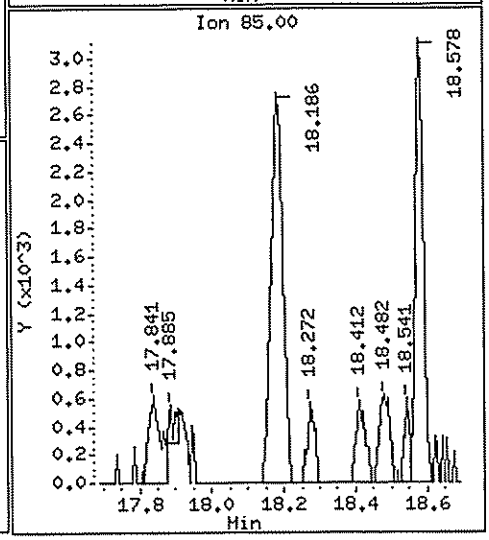


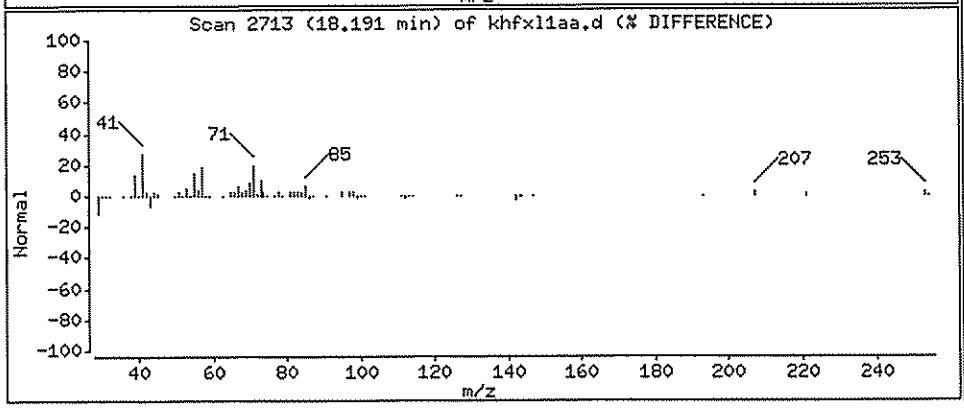












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

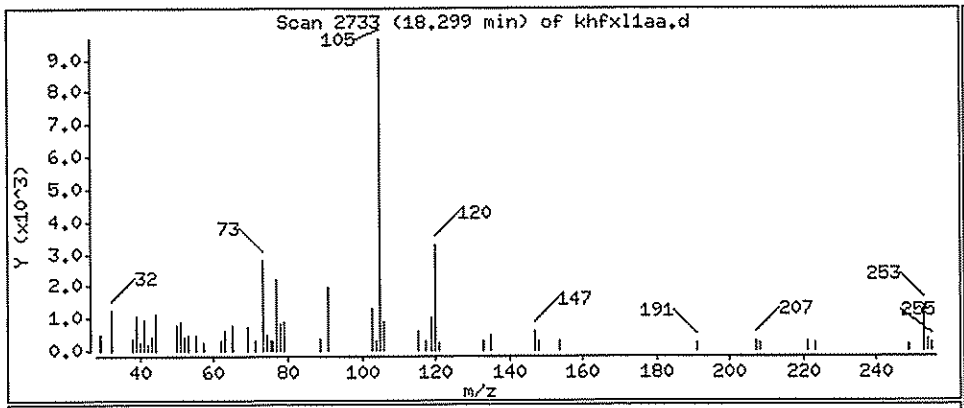
Operator: 7126

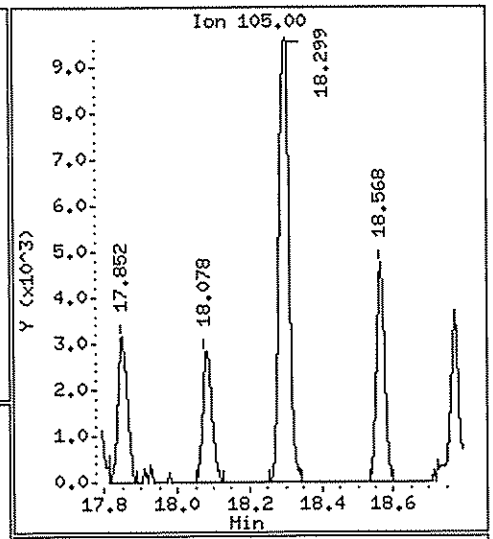
Column phase: HP-5

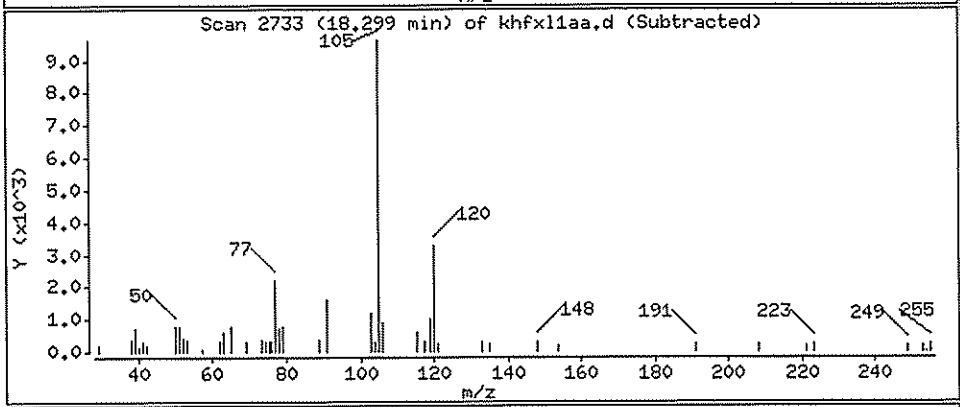
Column diameter: 0.32

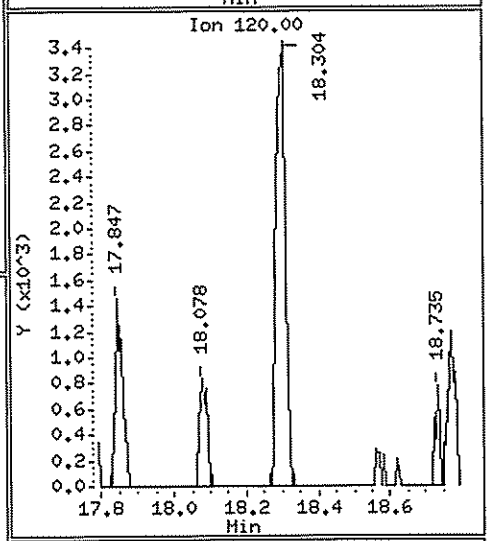
85 1,2,4-Trimethylbenzene

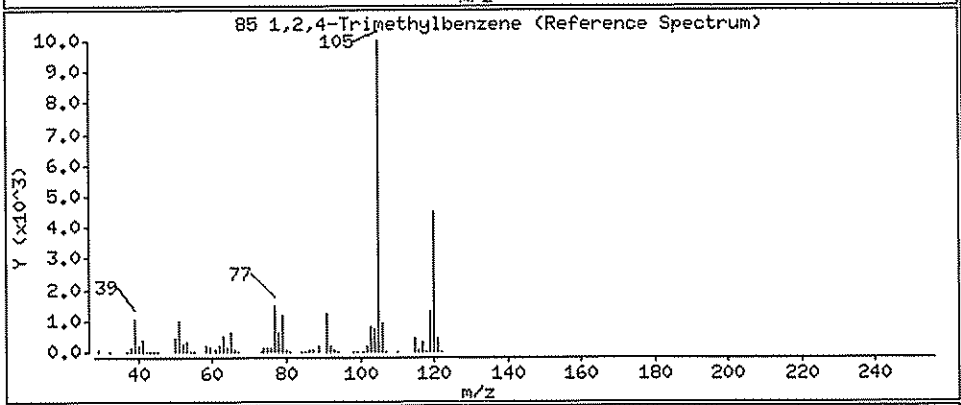
Concentration: 0.1568 ppb(v/v)

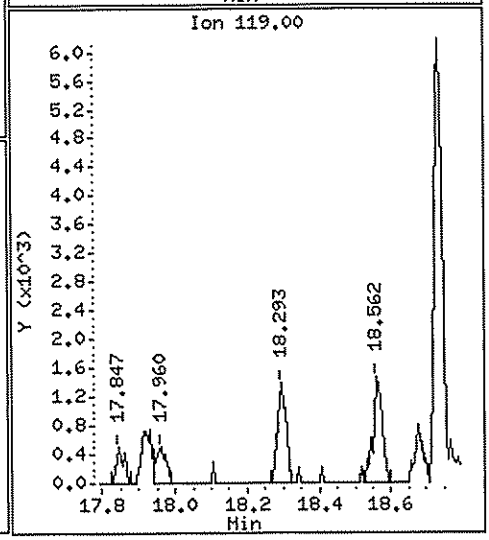


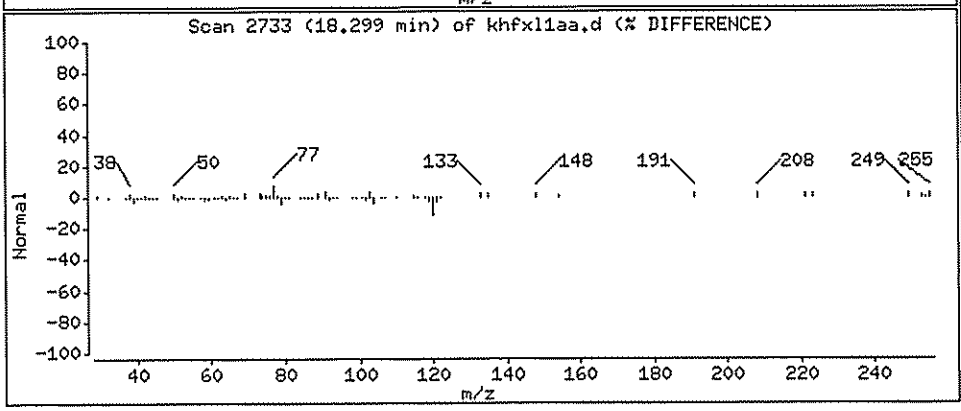












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

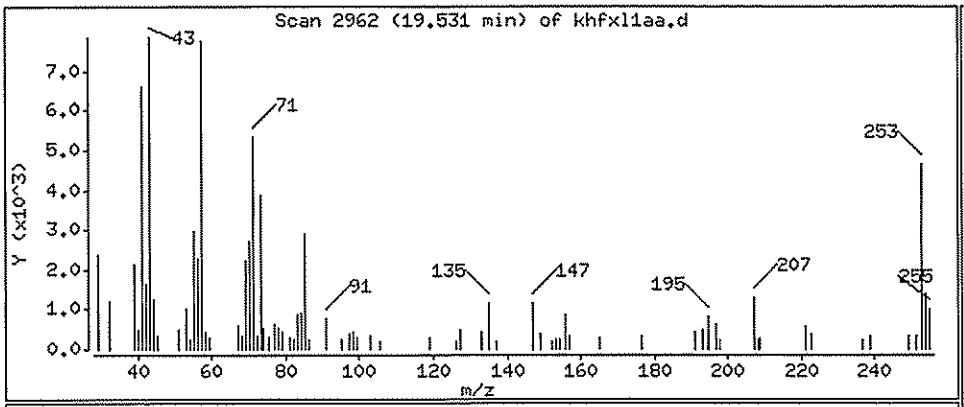
Operator: 7126

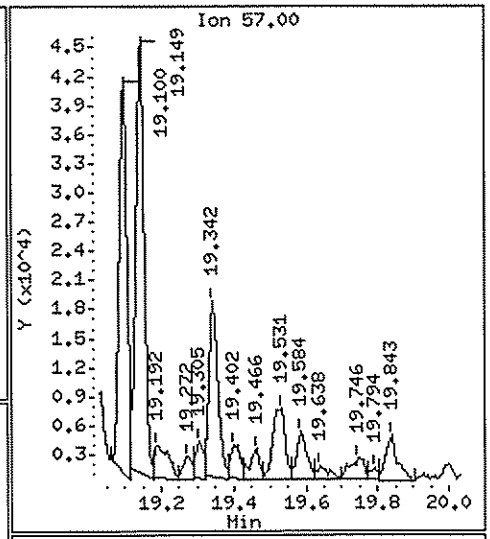
Column phase: HP-5

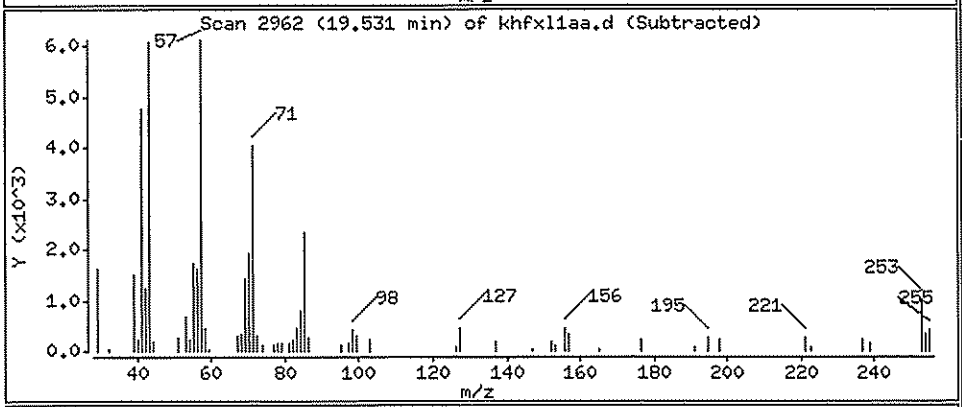
Column diameter: 0.32

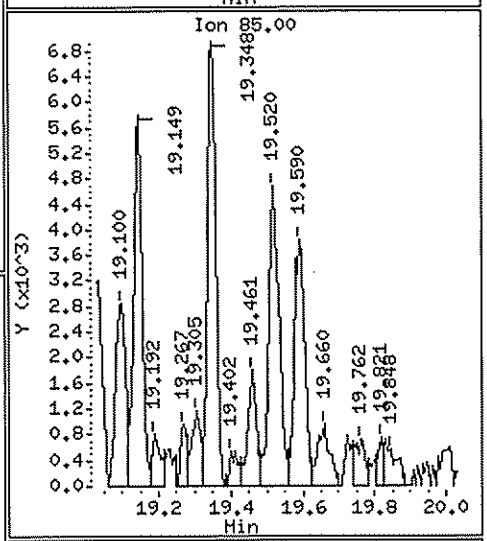
93 Undecane

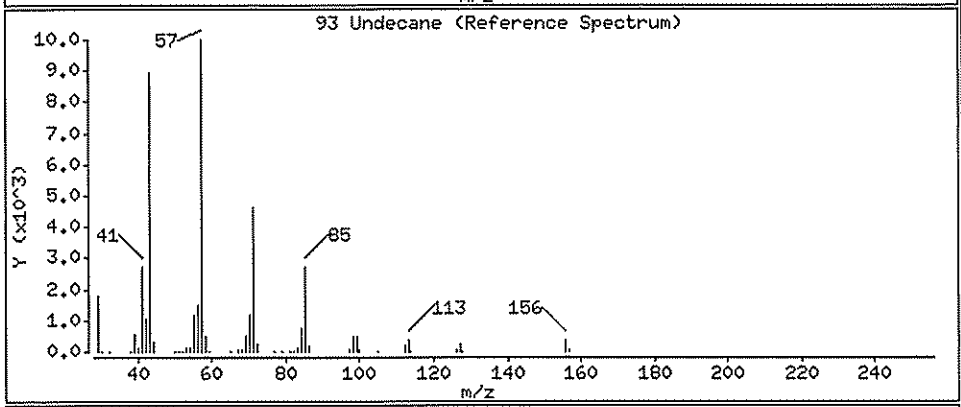
Concentration: 0.2394 ppb(v/v)

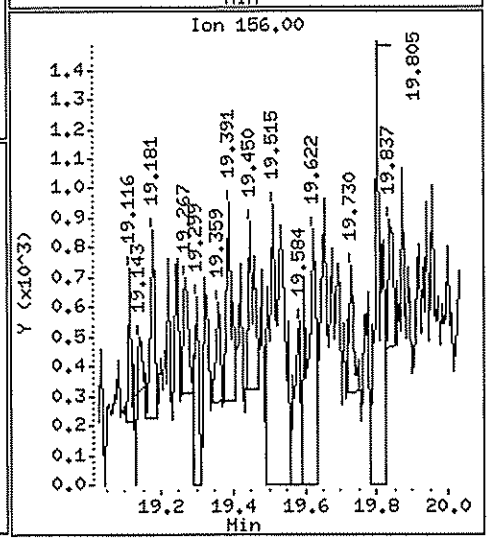


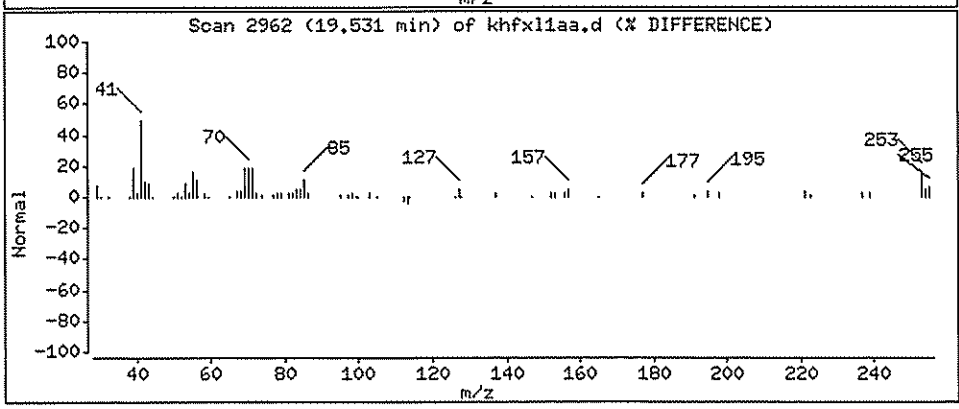












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

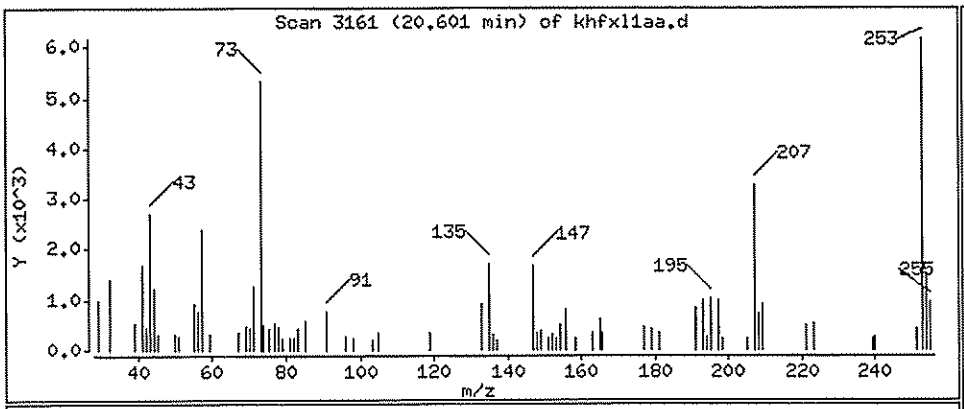
Operator: 7126

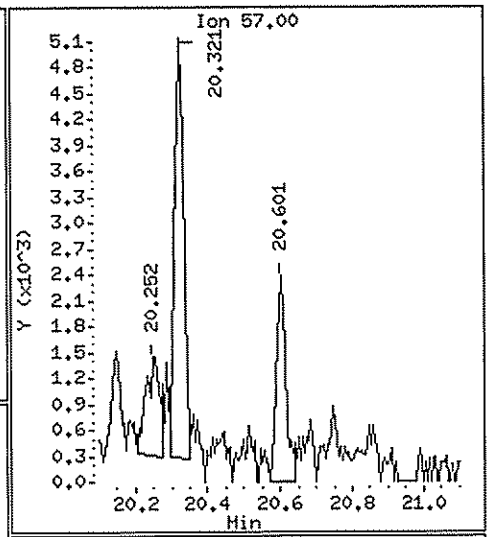
Column phase: HP-5

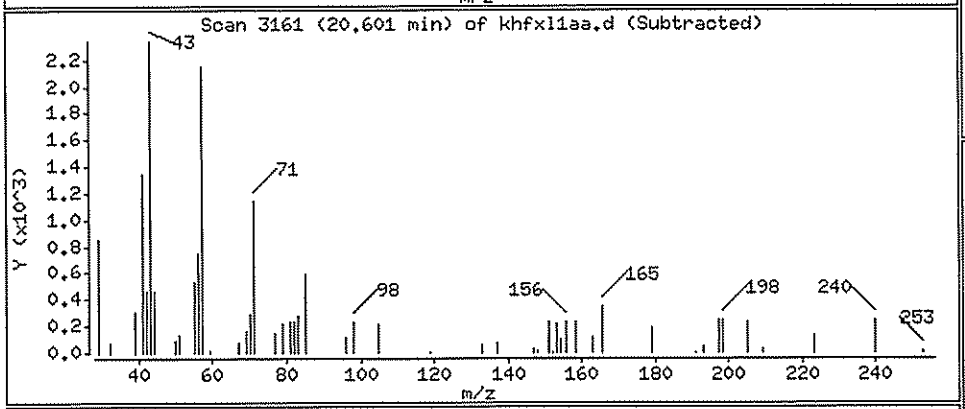
Column diameter: 0.32

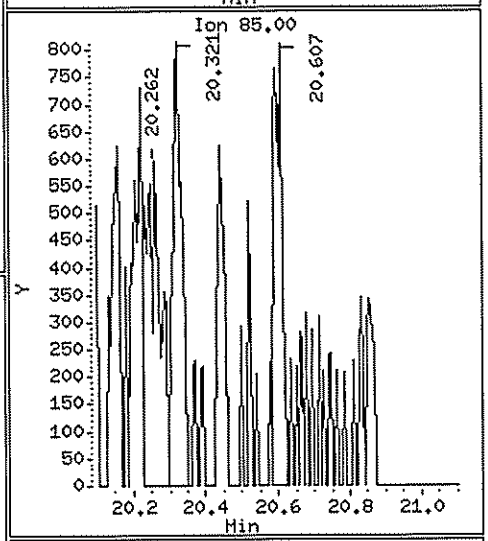
94 Dodecane

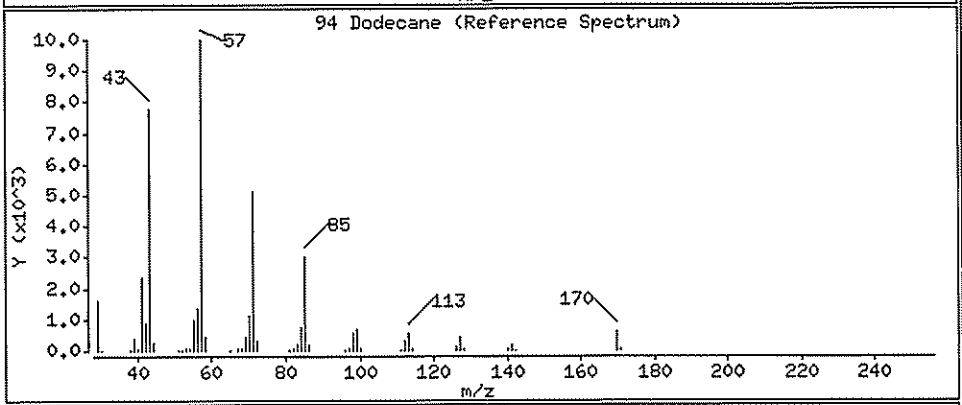
Concentration: 0.05640 ppb(v/v)

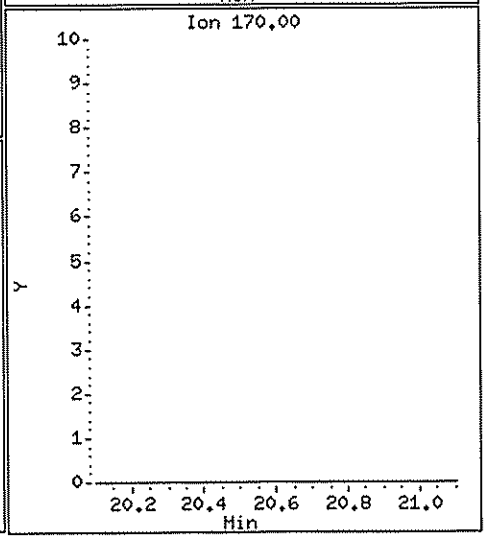


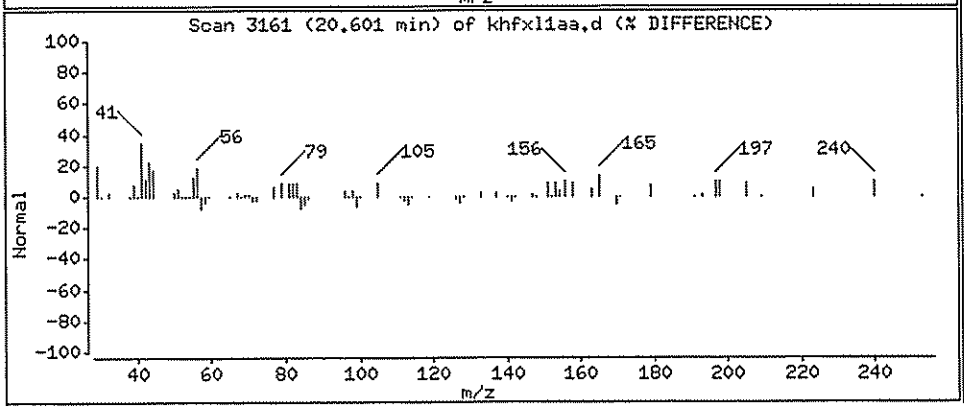












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d

Date : 25-FEB-2008 12:18

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

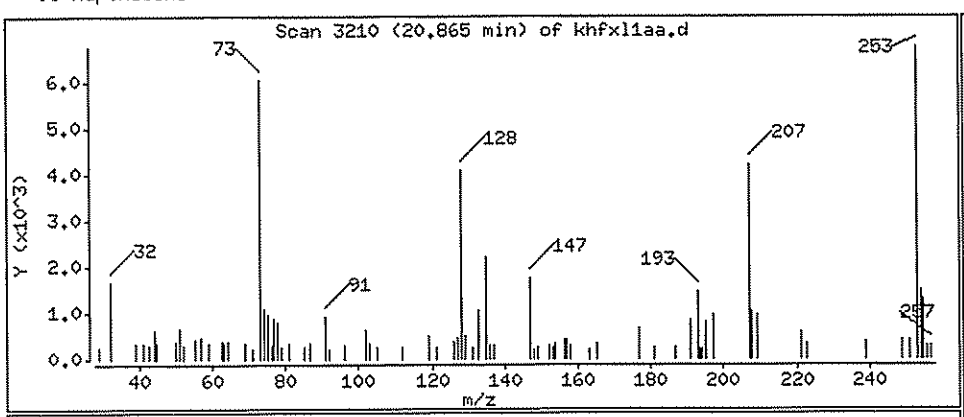
Operator: 7126

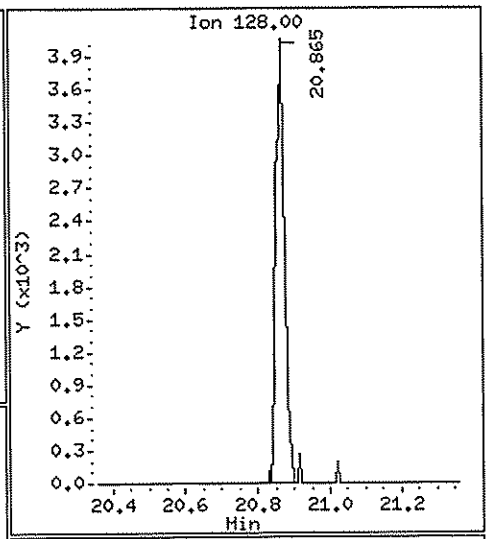
Column phase: HP-5

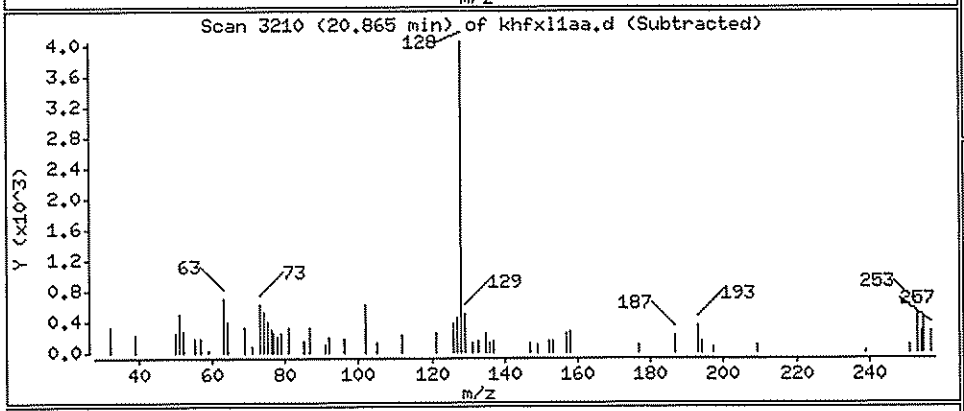
Column diameter: 0.32

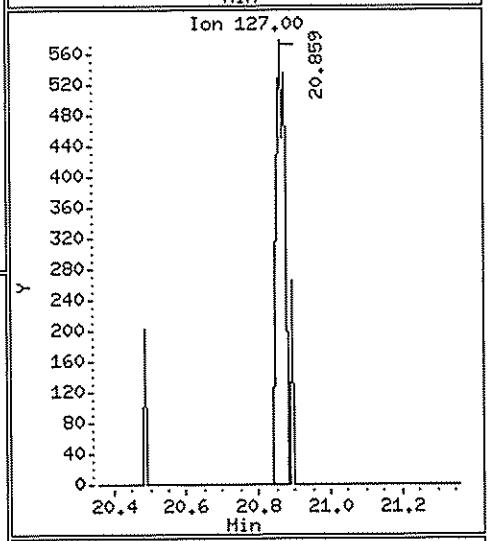
96 Napthalene

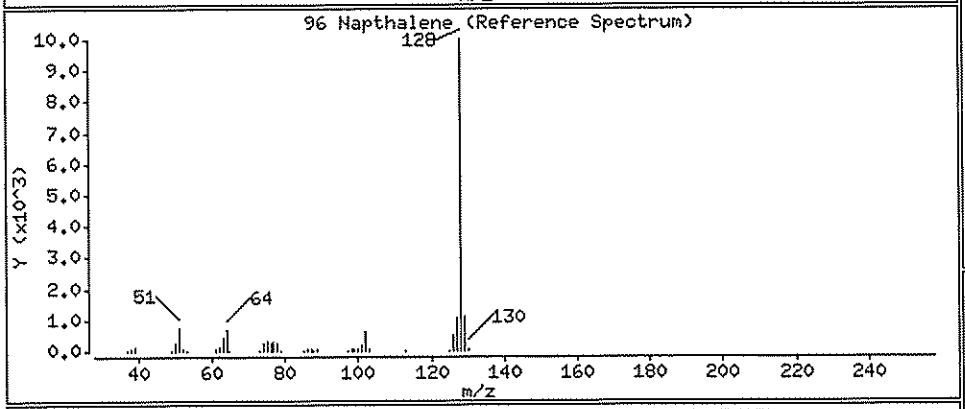
Concentration: 0.07323 ppb(v/v)

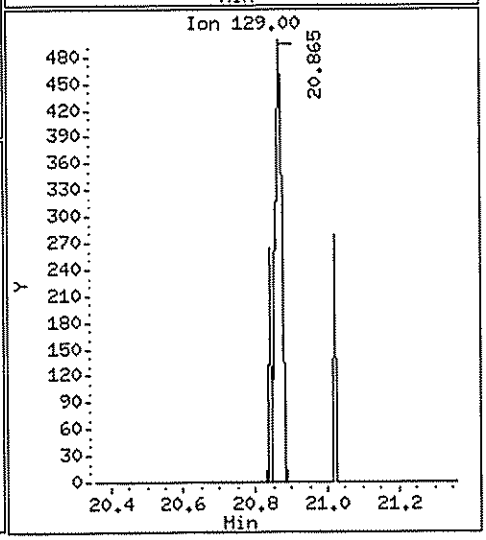


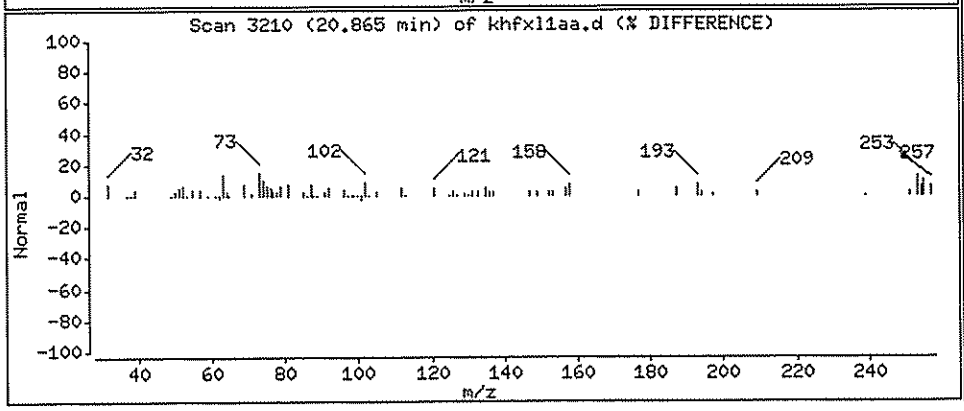












Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d
Report Date: 26-Feb-2008 13:37

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/khfxl1aa.d
Lab Smp Id: KHFXL1AA Client Smp ID: SV-07-01-INA
Inj Date : 25-FEB-2008 12:18
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022508,TO155,,,760 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 12:25 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

ISTD	RT	HEIGHT	AMOUNT
* 1 Bromochloromethane	8.438	369679	4.000
* 3 Chlorobenzene-d5	15.421	926903	4.000

		CONCENTRATIONS			QUANT		
RT	HEIGHT	ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	LIBRARY	LIB ENTRY	CPND #
Methyl Alcohol				CAS #: 67-56-1			
4.016	501144	5.42247734	5.422	4	NIST05.1	30	1
Ethyl alcohol				CAS #: 64-17-5			
4.629	2164518	23.4205135	23.42	90	NIST05.1	93	1

2/26/08 AT

Data File: /var/chem/gcms/me.i/E022508.b/khfxl1aa.d
Report Date: 26-Feb-2008 13:37

RT	HEIGHT	CONCENTRATIONS ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Acetone					CAS #: 67-64-1		
5.199	239745	2.59408838	2.594	72	NIST05.1	212	1
1R-.alpha.-Pinene					CAS #: 7785-70-8		
17.298	244325	1.05437139	1.054	95	NIST05.1	15188	3

NA

2/26/08

TestAmerica Buffalo

Client Sample ID: SV-07-01-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 002 **Work Order #** KHFXL2AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.0	ND	5.8
1-Methylnaphthalene	ND	1.0	ND	5.8
Indene	ND	0.16	ND	0.76
Thiophene	ND	0.080	ND	0.28
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Indane	ND	0.080	ND	0.39

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022608.b/khfxl2aa.d
Report Date: 27-Feb-2008 07:22

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022608.b/khfxl2aa.d
Lab Smp Id: KHFXL2AA Client Smp ID: SV-07-01-INA
Inj Date : 26-FEB-2008 19:17
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022608,TO155,newyork.sub,,,760 ML
Comment :
Method : /var/chem/gcms/me.i/E022608.b/TO155.m
Meth Date : 27-Feb-2008 07:21 tajh Quant Type: ISTD
Cal Date : 26-FEB-2008 11:39 Cal File: nyextra.d
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: newyork.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.433	8.433	(1.000)	65511	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.627	10.627	(1.000)	322710	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	278598	4.00000	4.000
99 ~ Thiophene	84	10.063	10.316	(0.947)	7379	0.19206	~~0.1921(A)~~
100 ~ 1,2,3-trimethylbenzene	105	18.772	18.772	(1.218)	4499	0.04648	0.04648(A)

2/27/08

QC Flag Legend

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

Data File: /var/chem/gcms/me.i/E022608.b/khfxl2aa.d
Report Date: 27-Feb-2008 07:22

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: khfxl2aa.d
Lab Smp Id: KHFXL2AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022608.b/TO155.m
Misc Info: E022608,TO155,newyork.sub,,,760 ML

Calibration Date: 26-FEB-2008
Calibration Time: 09:31
Client Smp ID: SV-07-01-INA
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	68800	40936	96664	65511	-4.78
2 1,4-Difluorobenze	353524	210347	496701	322710	-8.72
3 Chlorobenzene-d5	329407	195997	462817	278598	-15.42

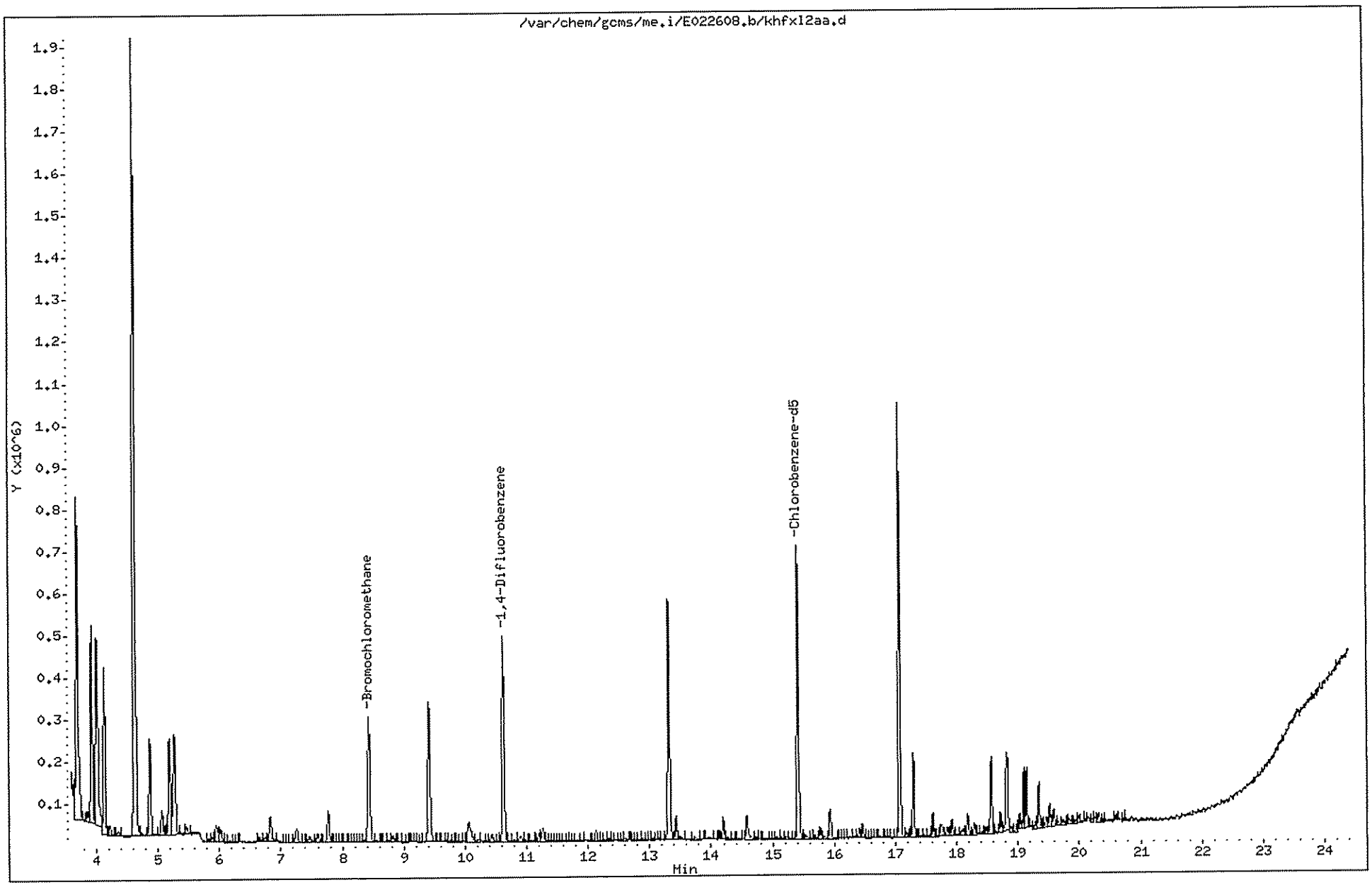
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.43	0.00
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.00
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	0.00

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: /var/chem/gcms/me.i/E022608.b/khfxl2aa.d
Date : 26-FEB-2008 19:17
Client ID: SV-07-01-INA
Sample Info: ,,0,,,,
Purge Volume: 500.0
Column phase: HP-5

Instrument: me.i

Operator: 7126
Column diameter: 0.32



Data File: /var/chem/gcms/me.i/E022608.b/khfxl2aa.d

Date : 26-FEB-2008 19:17

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

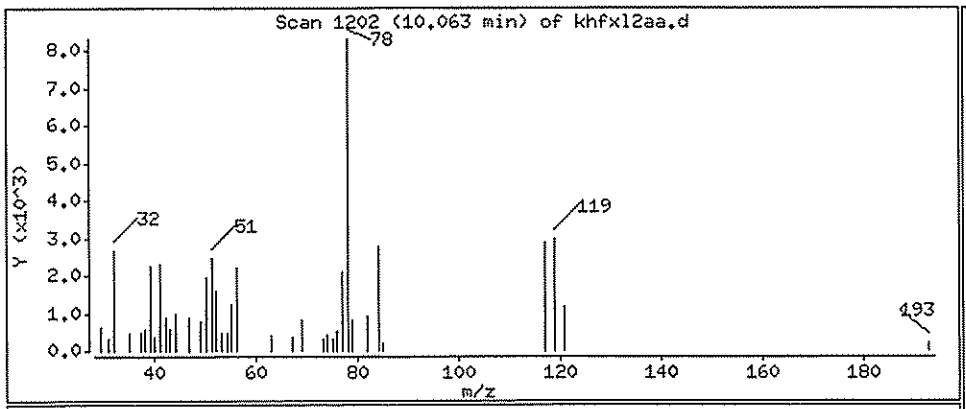
Operator: 7126

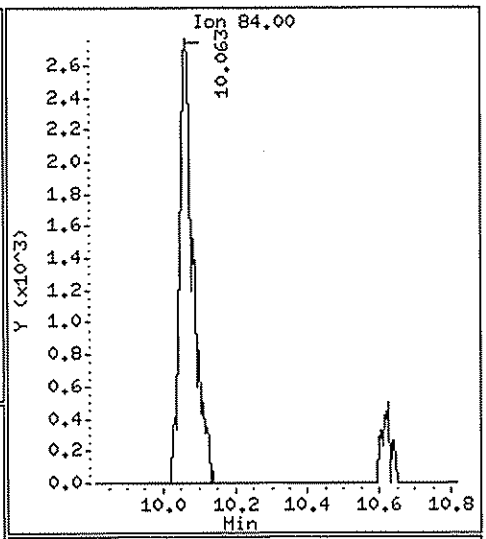
Column phase: HP-5

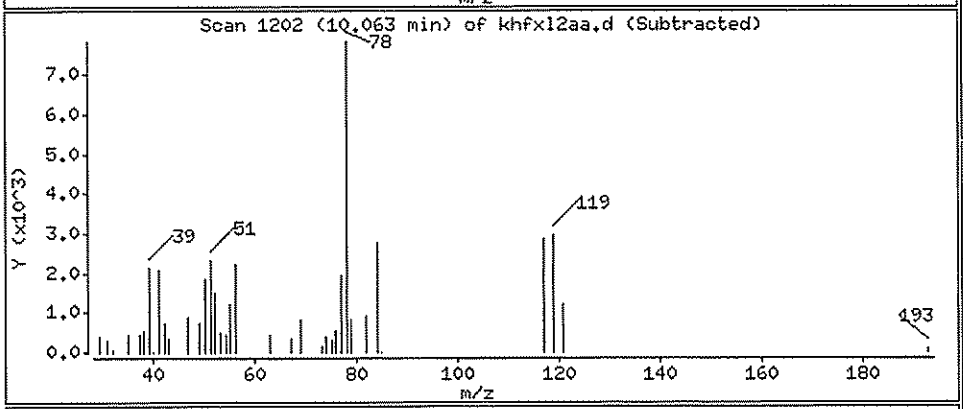
Column diameter: 0.32

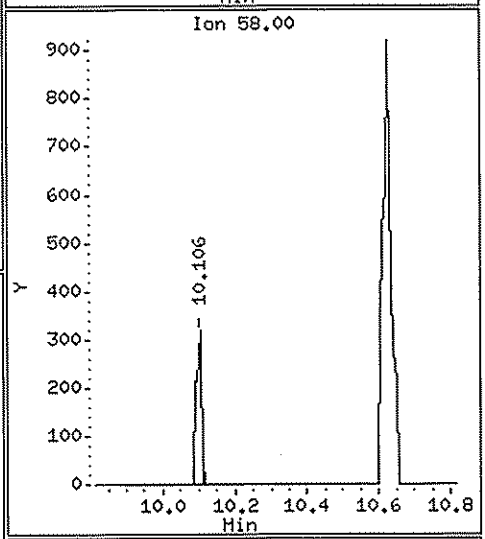
99 ~ Thiophene

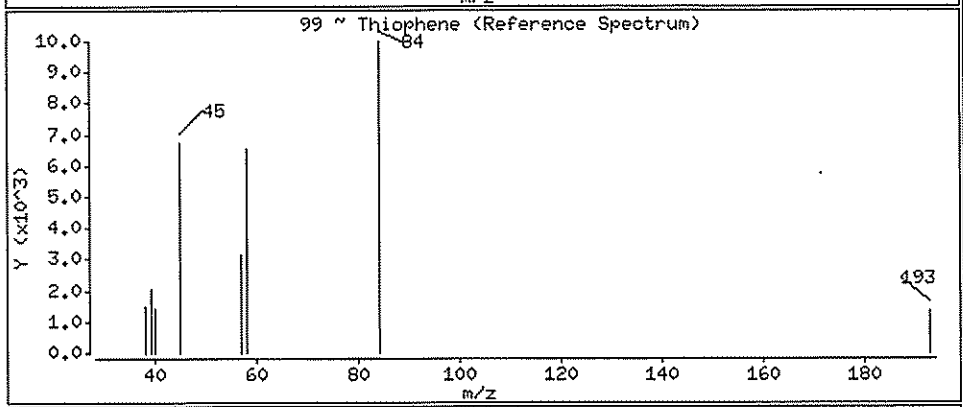
Concentration: 0.1921 ppb(v/v)

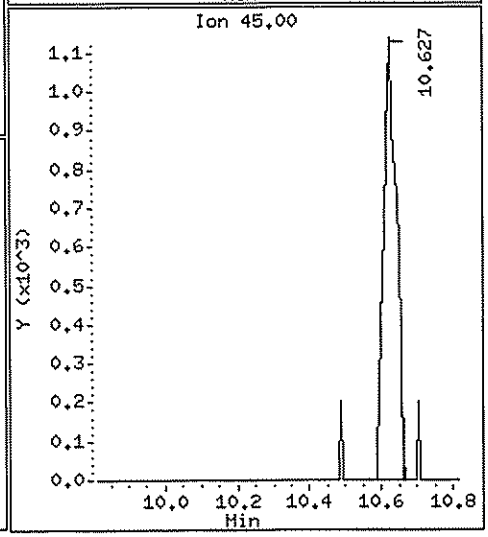


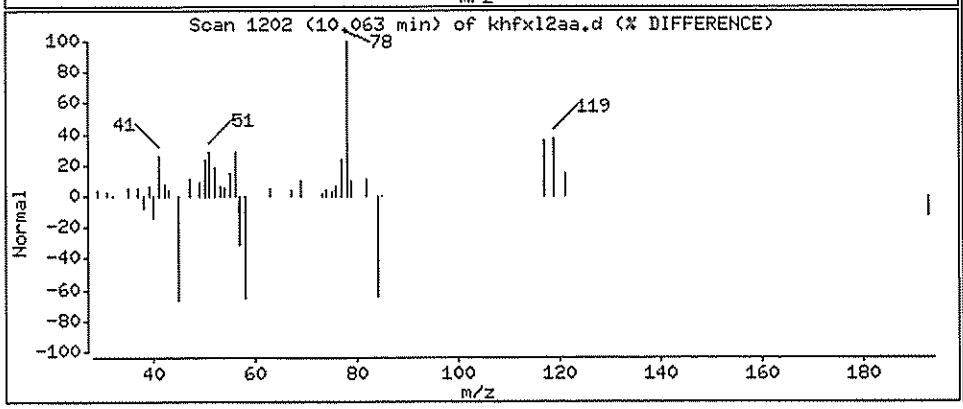












Data File: /var/chem/gcms/me.i/E022608.b/khfxl2aa.d

Date : 26-FEB-2008 19:17

Client ID: SV-07-01-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

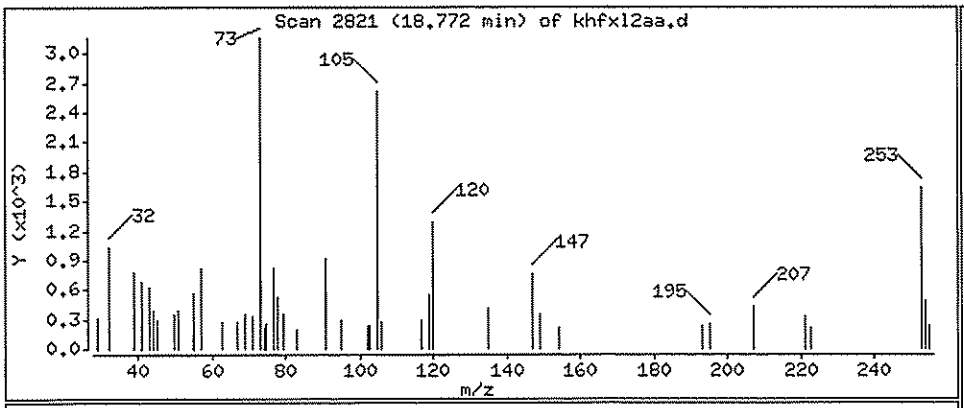
Operator: 7126

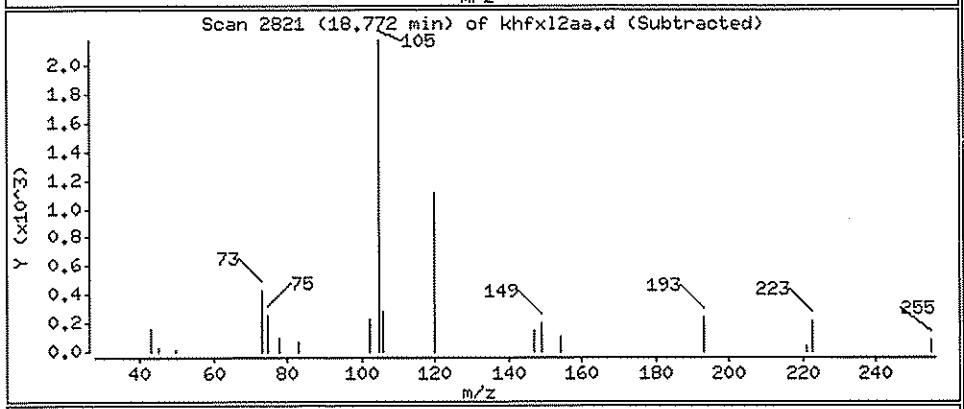
Column phase: HP-5

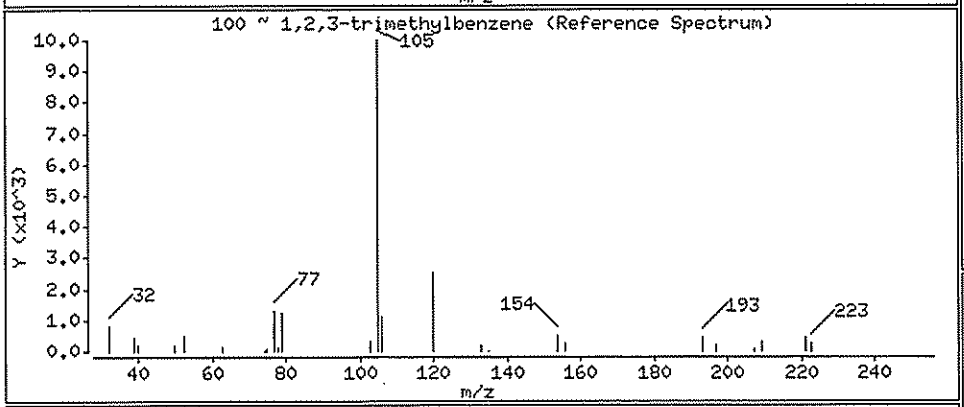
Column diameter: 0.32

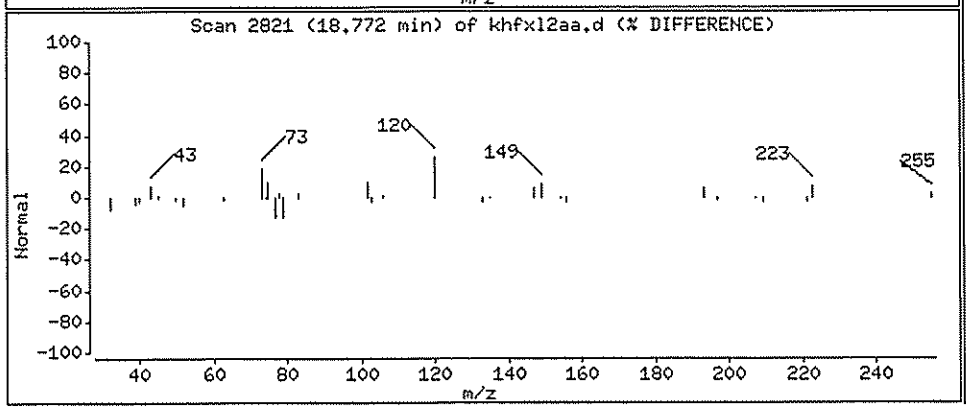
100 ~ 1,2,3-trimethylbenzene

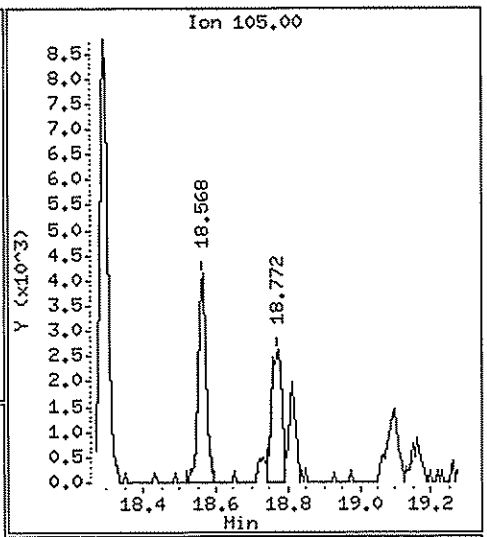
Concentration: 0.04648 ppb(v/v)

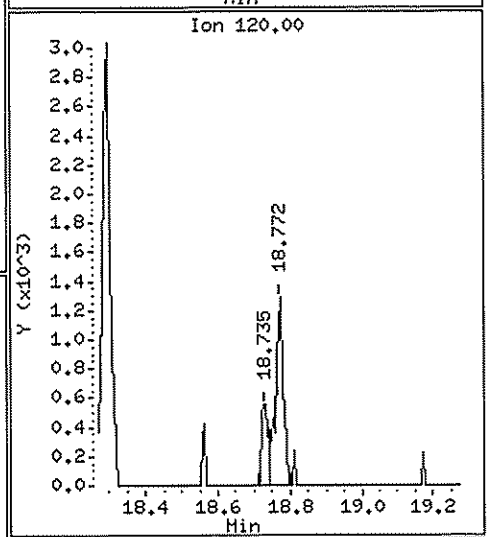


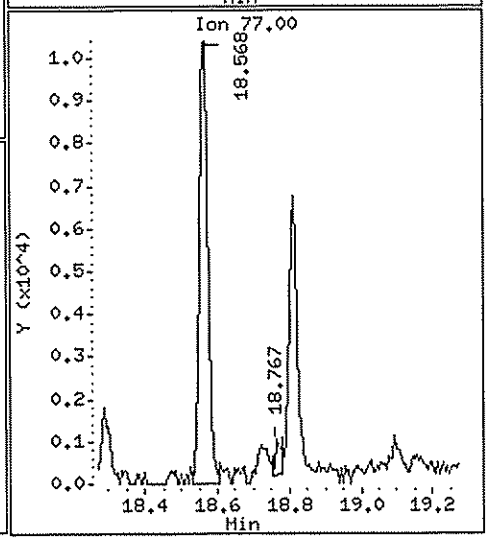












TestAmerica Buffalo

Client Sample ID: SV-07-02-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 003 **Work Order #** KHFXM1AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/25/08 **Analysis Date...** 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.024**	**0.080**	**0.17**	**J**	**0.56**
Ethylbenzene	**0.25**	**0.080**	**1.1**		**0.35**
Trichlorofluoromethane	**0.29**	**0.080**	**1.6**		**0.45**
n-Heptane	**0.32**	**0.20**	**1.3**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.76**	**0.20**	**2.7**		**0.70**
2,2,4-Trimethylpentane	**0.11**	**0.20**	**0.50**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.54**	**0.20**	**1.9**	**B**	**0.69**
Naphthalene	**0.058**	**0.16**	**0.30**	**J**	**0.84**
Benzene	**0.45**	**0.080**	**1.4**		**0.26**
n-Octane	**0.15**	**0.16**	**0.70**	**J**	**0.75**
Pentane	**2.0**	**0.32**	**6.0**		**0.94**
Styrene	**0.032**	**0.080**	**0.14**	**J**	**0.34**
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.28**	**0.080**	**1.9**		**0.54**
Toluene	**0.87**	**0.080**	**3.3**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.019**	**0.080**	**0.10**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.21**	**0.080**	**1.0**		**0.39**
1,3,5-Trimethylbenzene	**0.066**	**0.080**	**0.32**	**J**	**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.25**	**0.080**	**1.1**		**0.35**
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.47**	**0.40**	**2.7**		**2.3**
n-Dodecane	**0.18**	**0.40**	**1.2**	**J**	**2.8**
n-Undecane	**0.75**	**0.40**	**4.8**		**2.6**
1,1,2-Trichlorotrifluoroethane	**0.087**	**0.080**	**0.66**		**0.61**
Nonane	**0.20**	**0.16**	**1.1**		**0.84**
m-Xylene & p-Xylene	**0.78**	**0.080**	**3.4**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**4.0**	**0.16**	**9.6**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	**0.094**	**0.080**	**0.59**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.028**	**0.080**	**0.14**	**J**	**0.39**

TestAmerica Buffalo

Client Sample ID: SV-07-02-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 003 **Work Order #** KHFXM1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	**0.44**	**0.20**	**0.90**	**0.41**
2-Methylbutane	**2.4**	**0.20**	**7.2**	**0.59**
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.51**	**0.080**	**2.5**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	114	70 - 130
Toluene-d8	105	70 - 130
4-Bromofluorobenzene	99	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d
Report Date: 26-Feb-2008 08:17

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/khfxm1aa.d
Lab Smp Id: KHFXM1AA Client Smp ID: SV-07-02-SS
Inj Date : 25-FEB-2008 13:01
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022508,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 08:15 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.438	8.433	(1.000)	90655	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.633	10.628	(1.000)	453861	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.421	15.415	(1.000)	401842	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	9.417	9.406	(0.886)	188586	4.57392	4.574
$ 5 Toluene-d8	98	13.317	13.317	(0.864)	494089	4.21947	4.219
$ 6 4-Bromofluorobenzene	95	17.078	17.078	(1.107)	445436	3.97576	3.976
9 Dichlorodifluoromethane	85	3.731	3.731	(0.442)	92352	0.51257	0.5126
11 1,2-Dichlorotetrafluoroethane	135	3.914	3.903	(0.464)	1932	0.02444	0.02444
10 Chloromethane	52	3.898	3.892	(0.462)	4633	0.43724	0.4372
13 Vinyl Chloride	62	4.274	4.048	(0.507)	1956	0.04962	~~0.04962~~
14 n-Butane	43	4.140	4.129	(0.491)	194569	4.02708	4.027
16 Bromomethane	94	4.495	4.414	(0.533)	593	0.01411	~~0.01411~~
19 2-methyl butane	43	4.877	4.866	(0.578)	83985	2.44693	2.447
20 Trichlorofluoromethane	101	5.076	5.060	(0.602)	48952	0.28846	0.2885
24 Pentane	72	5.285	5.270	(0.626)	10518	2.04478	2.045
30 1,1,2-Trichlorotrifluoroethane	101	5.899	5.888	(0.699)	5725	0.08666	0.08666

2/26/08 AH

Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d
Report Date: 26-Feb-2008 08:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
31	Methylene Chloride	84	6.039	6.023	(0.716)	13272	0.53624	0.5362
38	Hexane	56	7.782	7.771	(0.922)	17636	0.76407	0.7641
42	Chloroform	83	8.454	8.449	(1.002)	2278	0.02849	0.02849
44	1,1,1-Trichloroethane	97	9.476	9.460	(1.123)	1882	0.01864	0.01864
46	Benzene	78	10.057	10.052	(0.946)	32581	0.45088	0.4509
49	Carbon Tetrachloride	117	10.079	10.079	(0.948)	12025	0.09427	0.09427
50	2,2,4-trimethylpentane	57	10.896	10.880	(1.025)	13325	0.10717	0.1072
51	Heptane	43	11.273	11.268	(1.060)	15003	0.31801	0.3180
60	trans-1,3-Dichloropropene	75	13.436	13.307	(0.871)	1165	0.02328	~~0.02328~~
61	Toluene	91	13.436	13.430	(0.871)	74871	0.86938	0.8694
62	1,1,2-Trichloroethane	97	13.333	13.500	(0.865)	55417	2.14837	~~2.148~~
64	Octane	85	14.189	14.183	(0.920)	3883	0.15005	0.1500
67	Tetrachloroethene	129	14.587	14.582	(0.946)	9703	0.28086	0.2808
69	Ethylbenzene	91	15.776	15.776	(1.023)	24924	0.24529	0.2453
72	Nonane	57	16.410	16.411	(1.064)	9601	0.20433	0.2043
70	m&p-Xylene	91	15.937	15.943	(1.033)	68014	0.78101	0.7810
73	Styrene	104	16.400	16.400	(1.063)	1623	0.03216	0.03216
74	o-Xylene	91	16.464	16.464	(1.068)	22976	0.25295	0.2530
77	Cumene	105	17.303	17.067	(1.122)	9619	0.07877	~~0.07877~~
81	1,3,5-Trimethylbenzene	120	17.852	17.852	(1.158)	2574	0.06585	0.06585
83	Decane	57	18.186	18.191	(1.179)	27560	0.46687	0.4669
85	1,2,4-Trimethylbenzene	105	18.299	18.293	(1.187)	22412	0.20964	0.2096
93	Undecane	57	19.531	19.531	(1.267)	51415	0.75185	0.7518
94	Dodecane	57	20.601	20.601	(1.336)	12022	0.17737	0.1774
96	Napthalene	128	20.859	20.860	(1.353)	4672	0.05753	0.05753

2/26/08 KH

Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d
Report Date: 26-Feb-2008 08:17

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: khfxm1aa.d
Lab Smp Id: KHFXM1AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022508.b/TO155.m
Misc Info: E022508,TO155,,,500 ML

Calibration Date: 25-FEB-2008
Calibration Time: 08:09
Client Smp ID: SV-07-02-SS
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	94875	56451	133299	90655	-4.45
2 1,4-Difluorobenze	467871	278383	657359	453861	-2.99
3 Chlorobenzene-d5	430258	256004	604512	401842	-6.60

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.44	0.06
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.05
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	0.03

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.

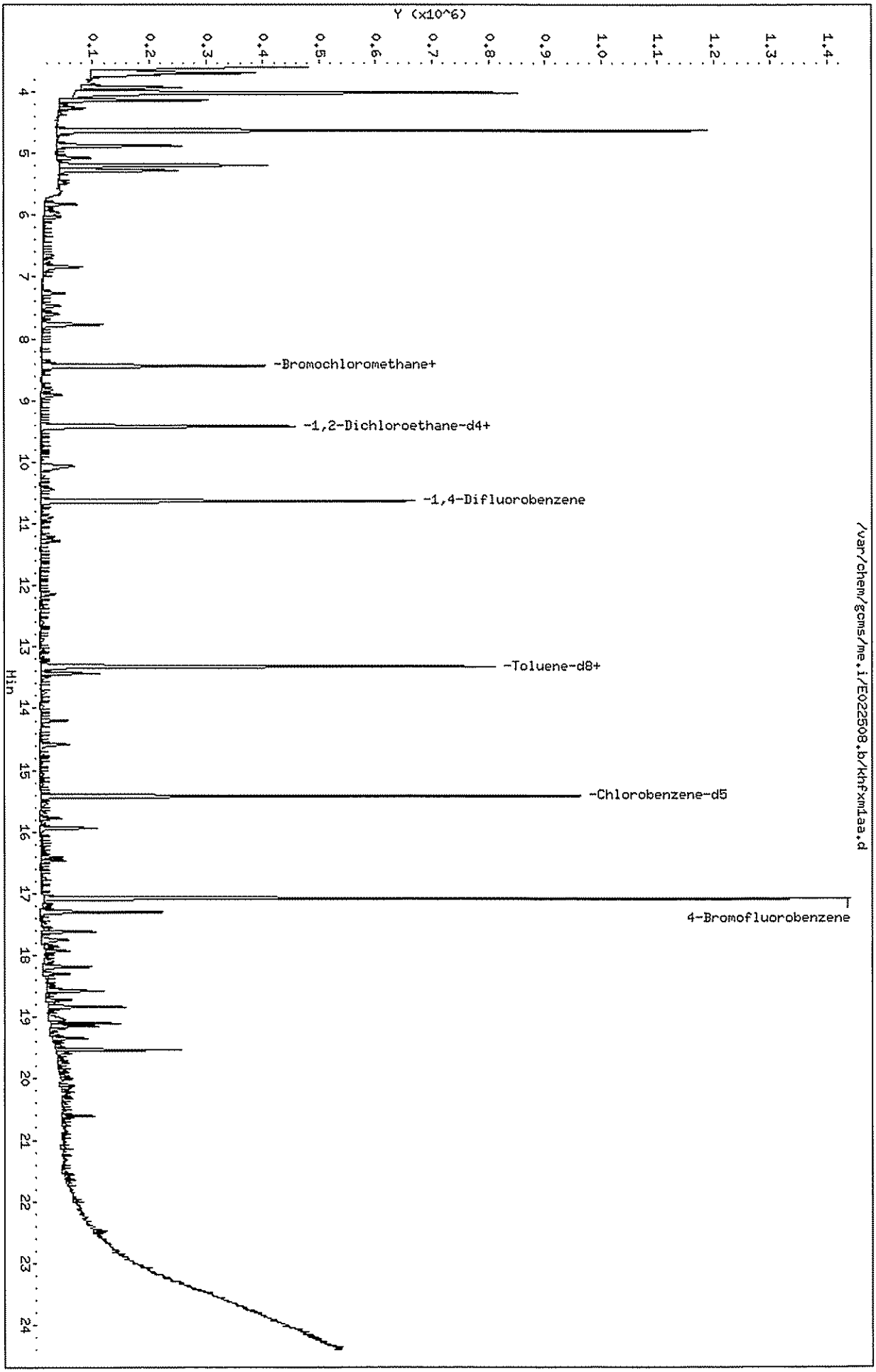
Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d
Report Date: 26-Feb-2008 08:17

TestAmerica Knoxville

RECOVERY REPORT

Client Name: TestAmerica Buffalo
Client SDG: H8B210257
Sample Matrix: GAS
Fraction: OTHER
Lab Smp Id: KHFXM1AA
Client Smp ID: SV-07-02-SS
Level: LOW
Operator: 7126
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: all.spk
Quant Type: ISTD
Sublist File: seneca.sub
Method File: /var/chem/gcms/me.i/E022508.b/TO155.m
Misc Info: E022508,TO155,,,500 ML

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	4.000	4.574	114.35	70-130
$ 5 Toluene-d8	4.000	4.219	105.49	70-130
$ 6 4-Bromofluorobenze	4.000	3.976	99.39	70-130


Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d
Date : 25-FEB-2008 13:01
Client ID: SV-07-02-SS
Sample Info: ,,0,,,,
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
Min
/var/chem/gcms/me.i/E022508.b/khfxm1aa.d
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene

Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

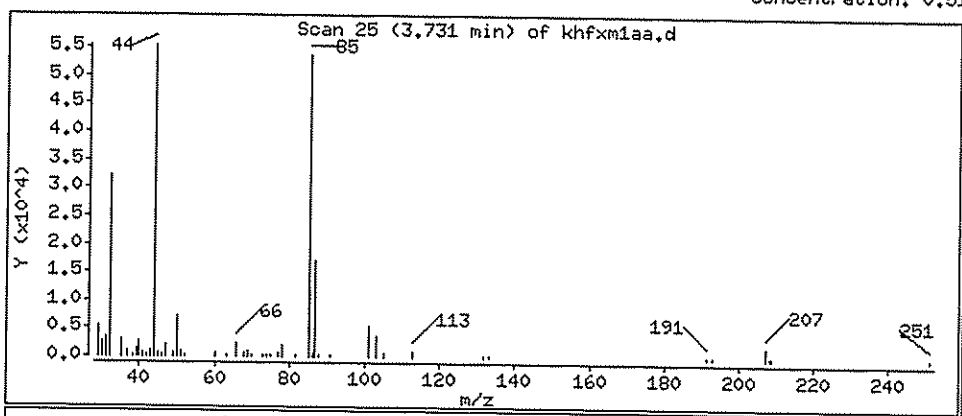
Operator: 7126

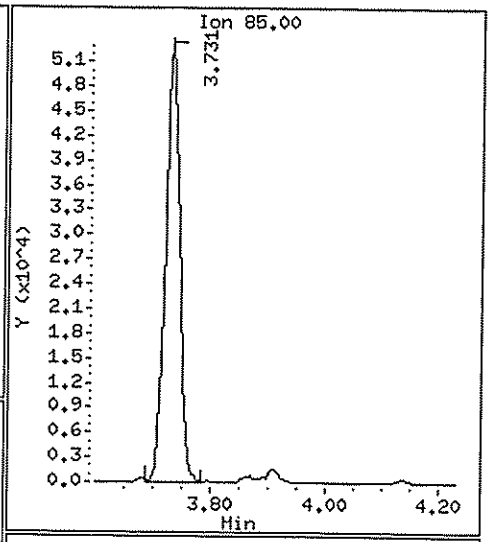
Column phase: HP-5

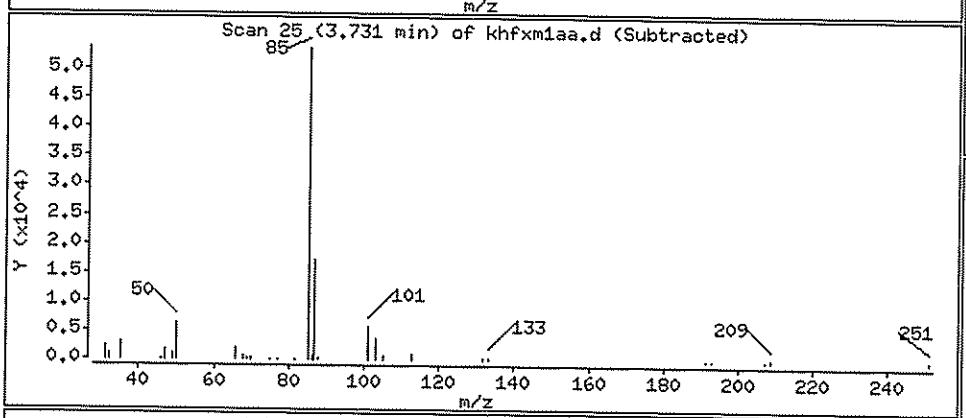
Column diameter: 0.32

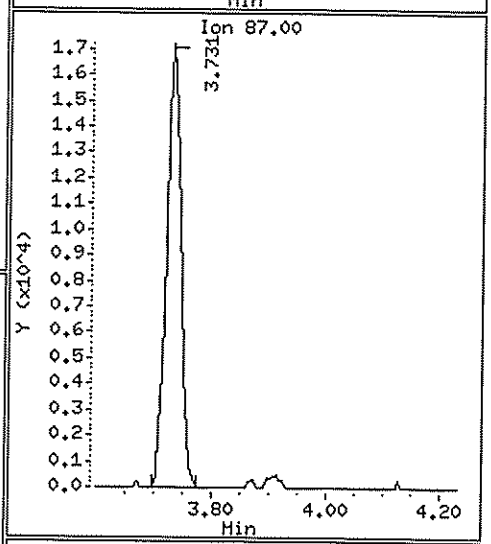
9 Dichlorodifluoromethane

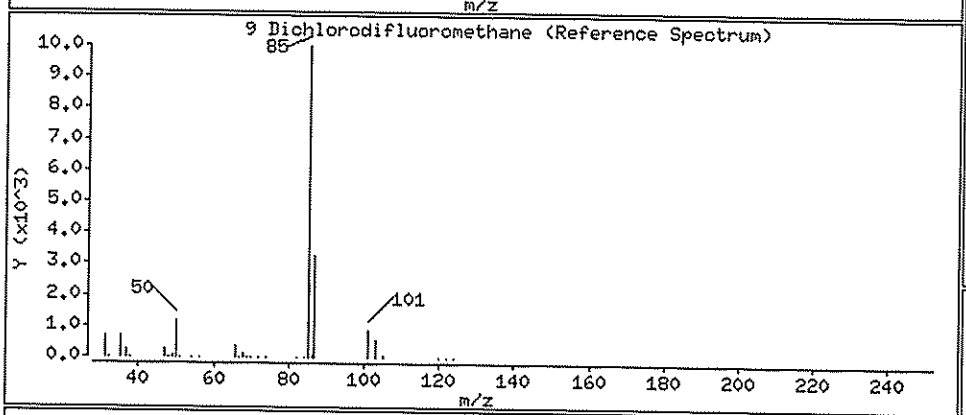
Concentration: 0.5126 ppb(v/v)

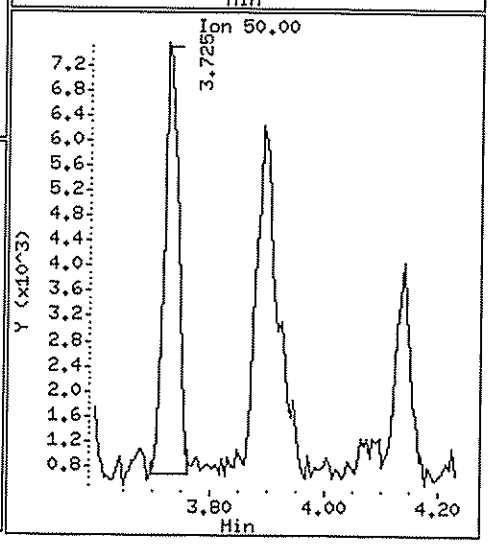


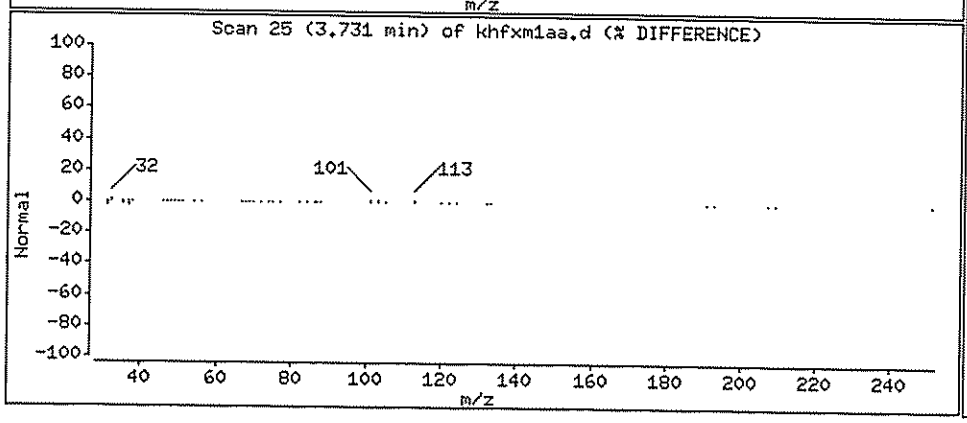












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Operator: 7126

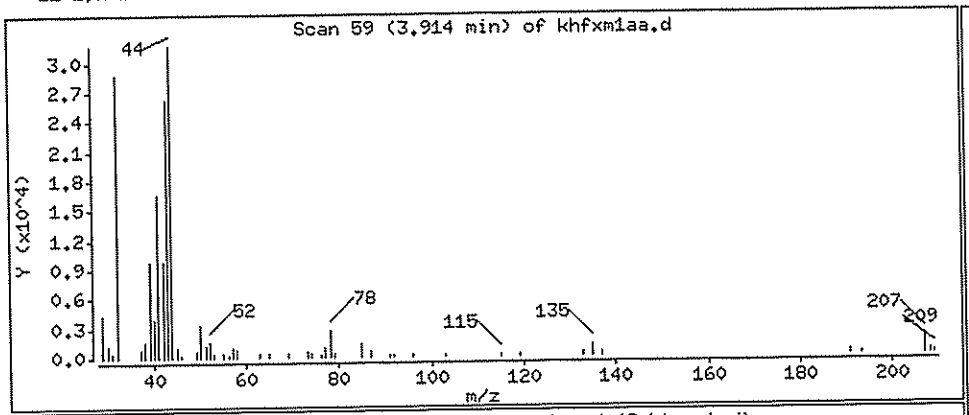
Purge Volume: 500.0

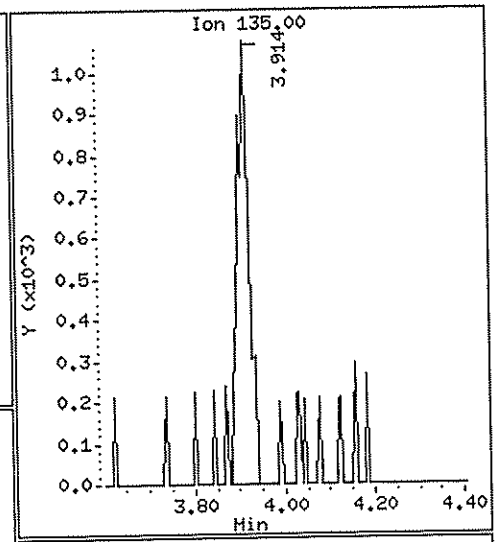
Column phase: HP-5

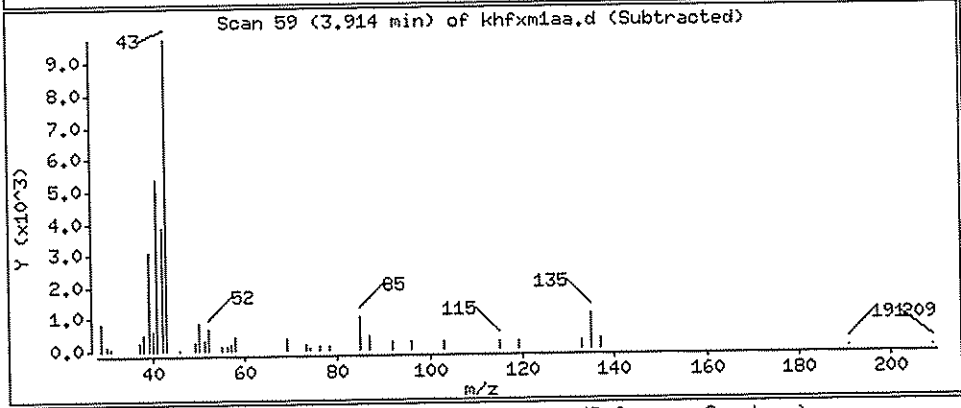
Column diameter: 0.32

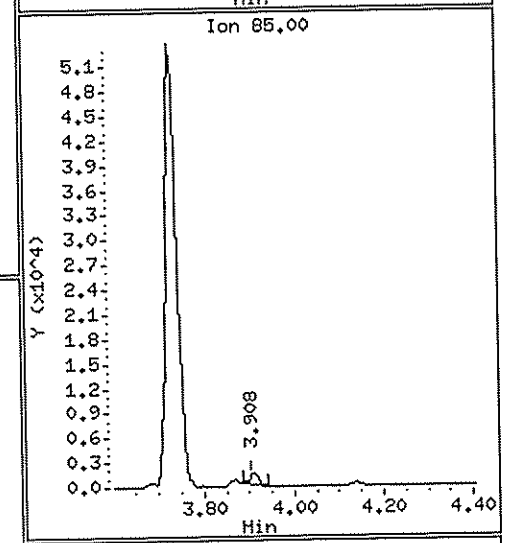
11 1,2-Dichlorotetrafluoroethane

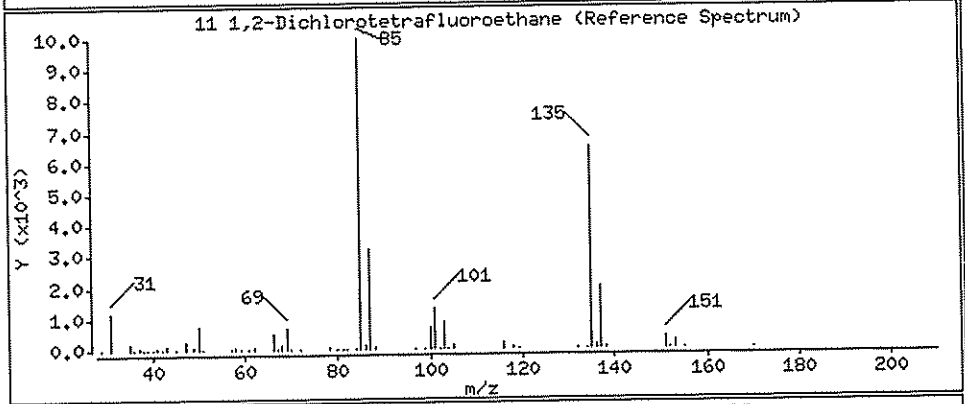
Concentration: 0.02444 ppb(v/v)

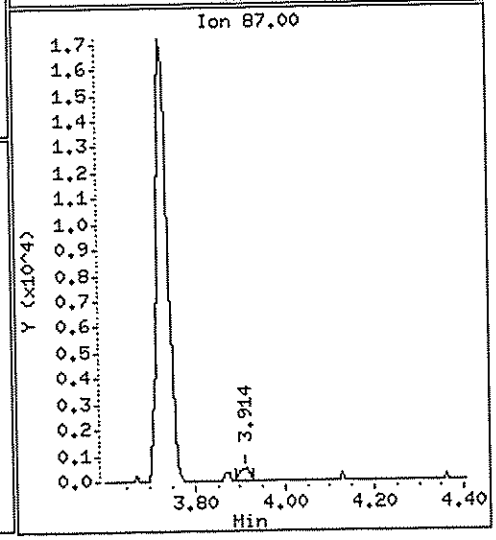


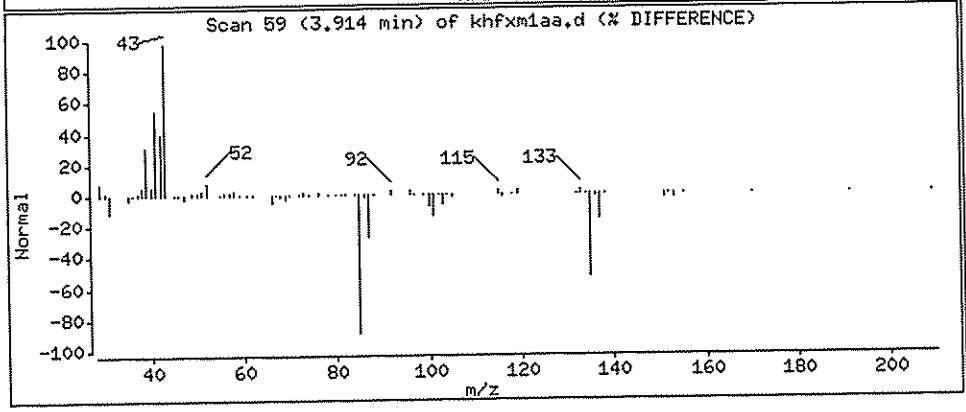












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

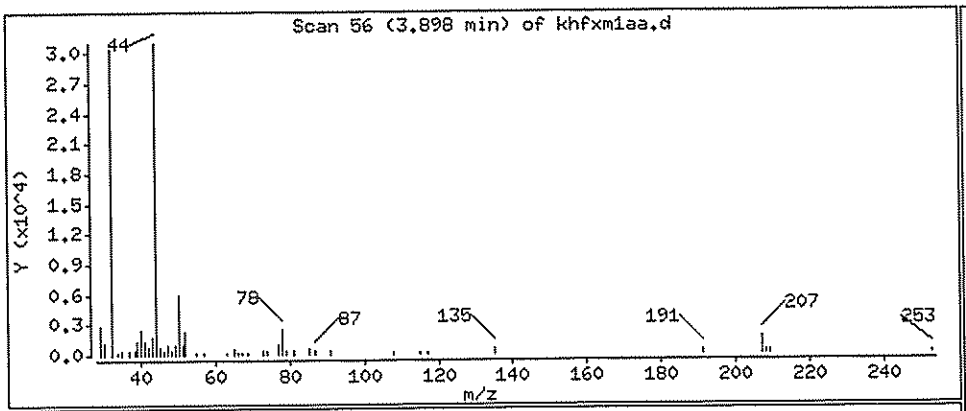
Operator: 7126

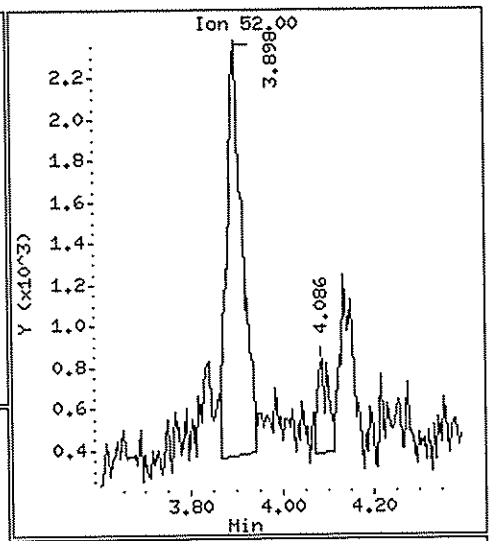
Column phase: HP-5

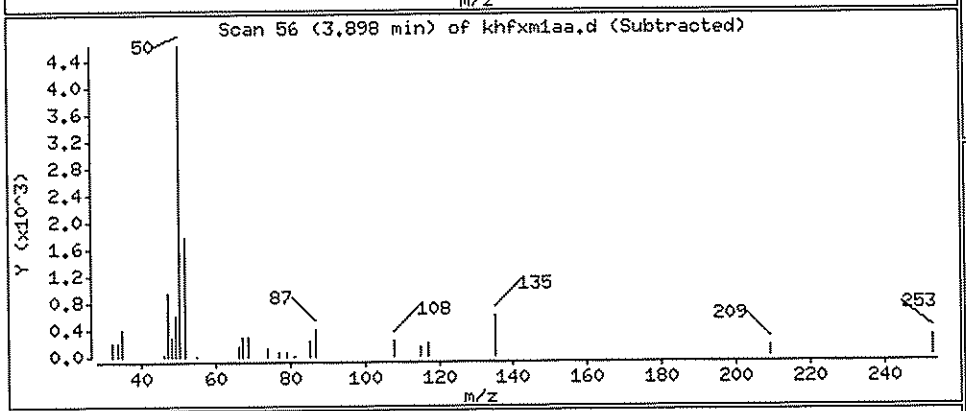
Column diameter: 0.32

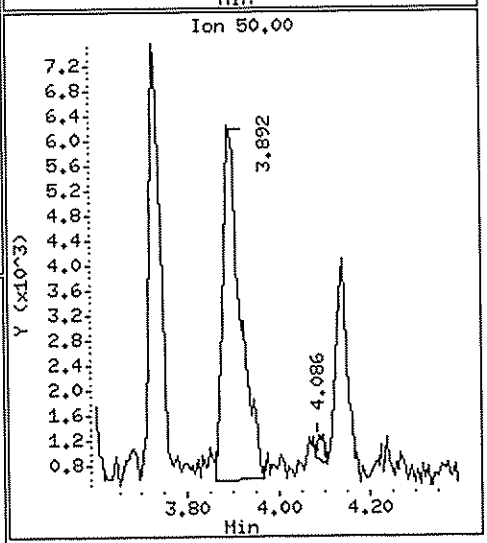
10 Chloromethane

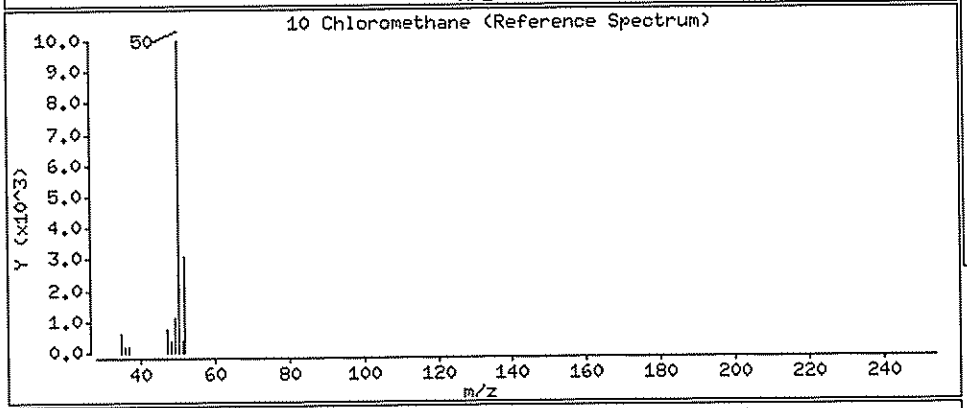
Concentration: 0.4372 ppb(v/v)

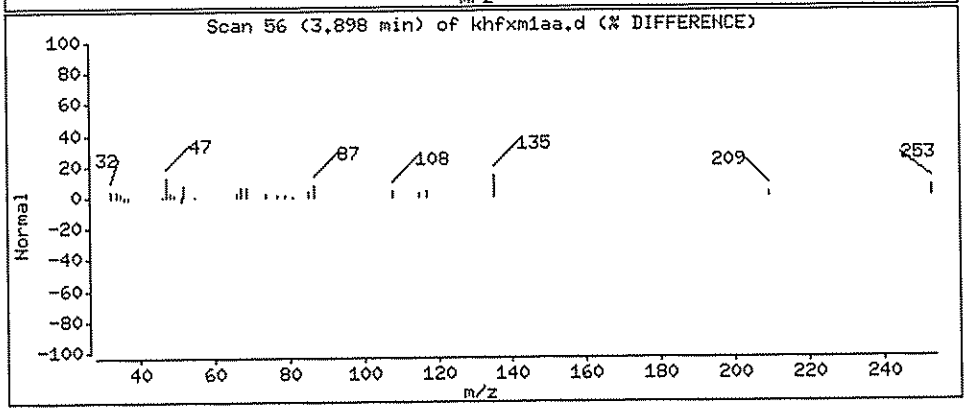












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

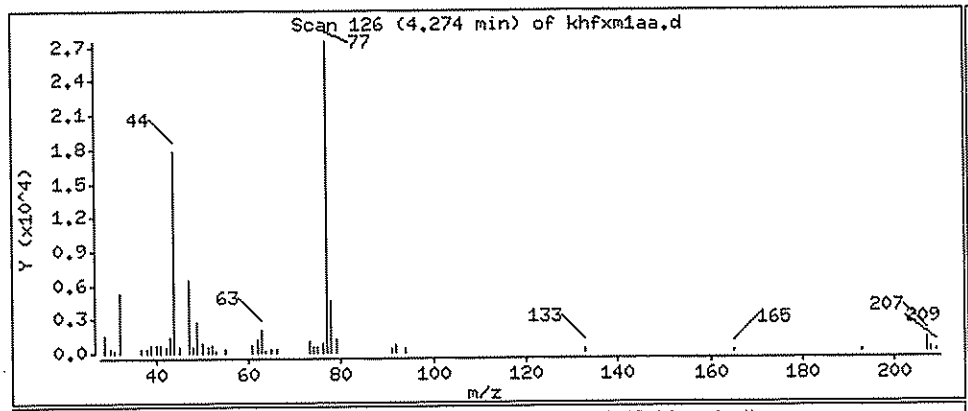
Operator: 7126

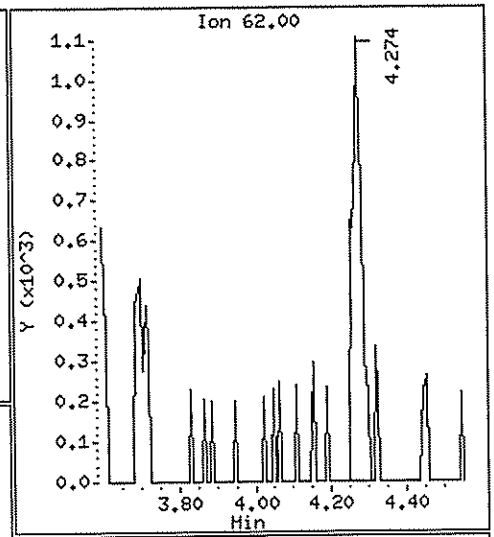
Column phase: HP-5

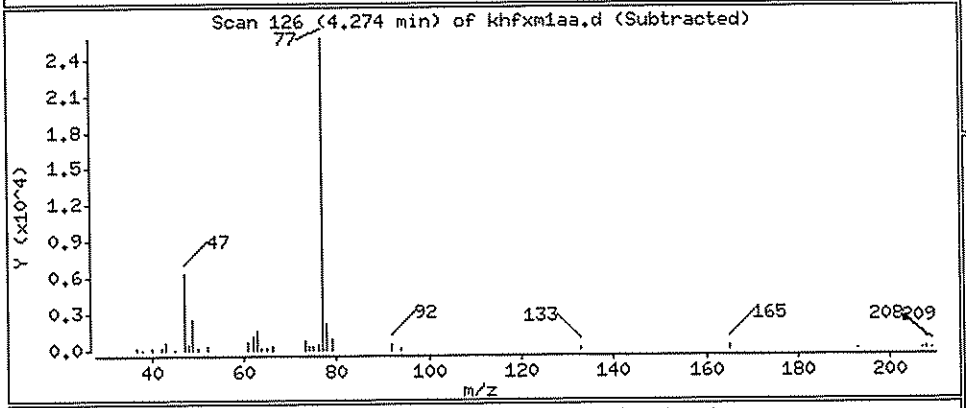
Column diameter: 0.32

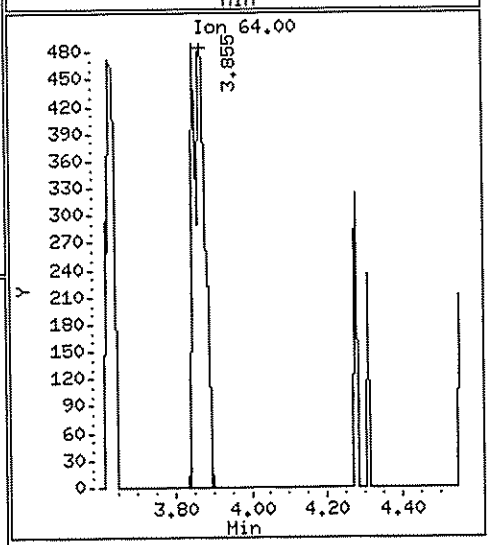
13 Vinyl Chloride

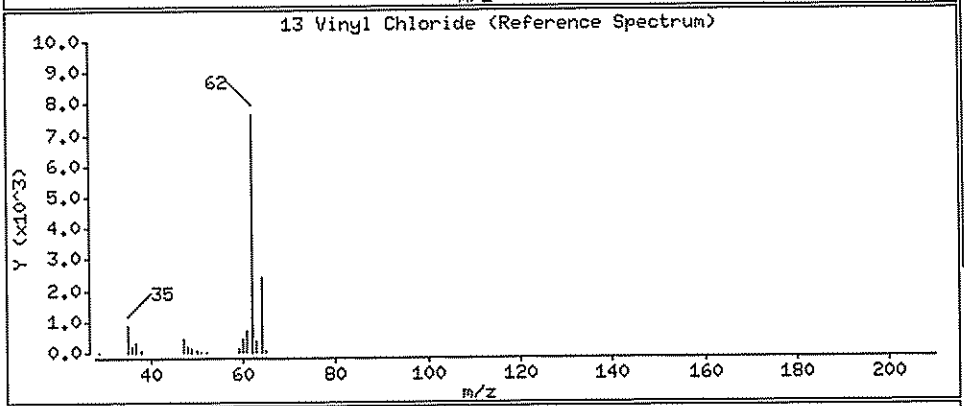
Concentration: 0.04962 ppb(v/v)

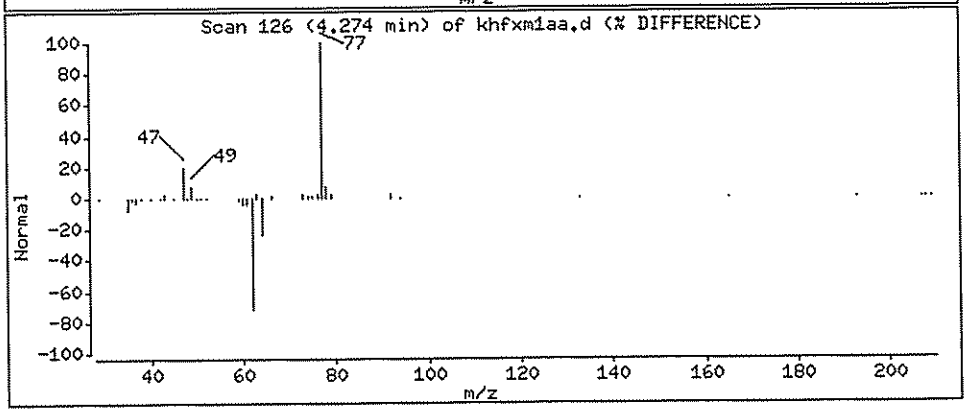












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

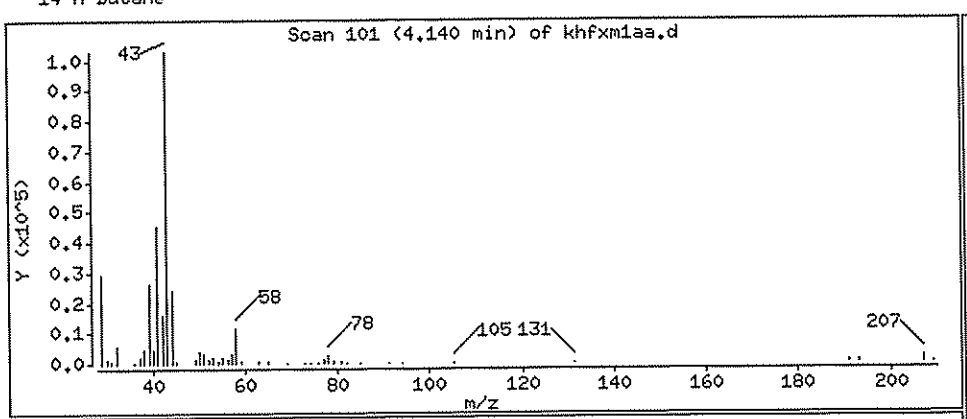
Operator: 7126

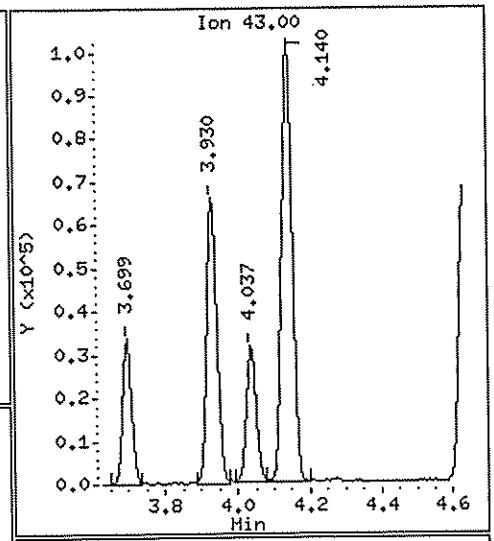
Column phase: HP-5

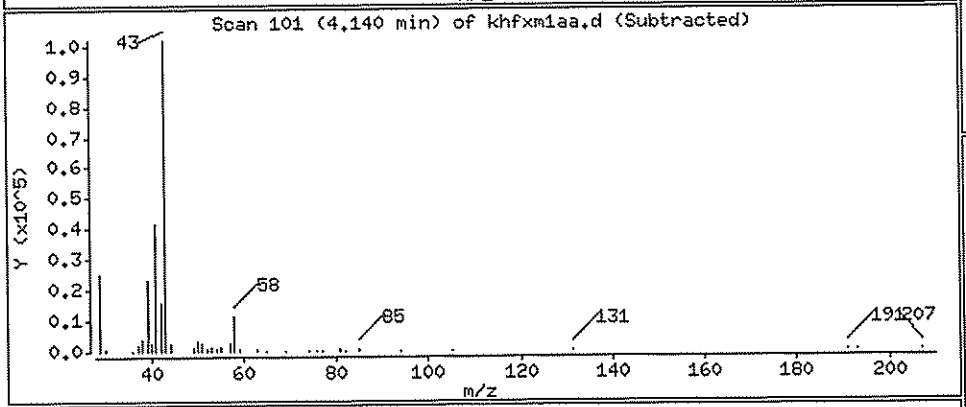
Column diameter: 0.32

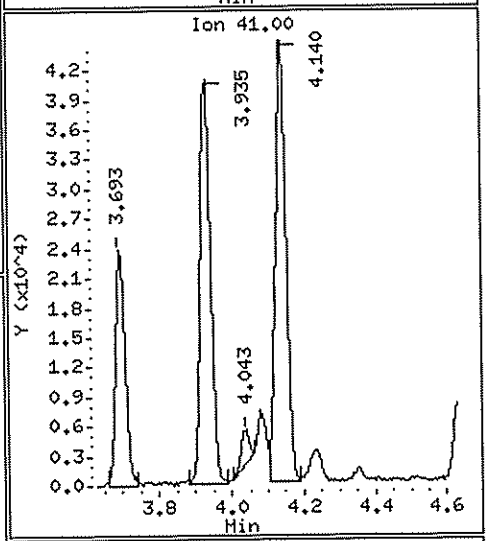
14 n-Butane

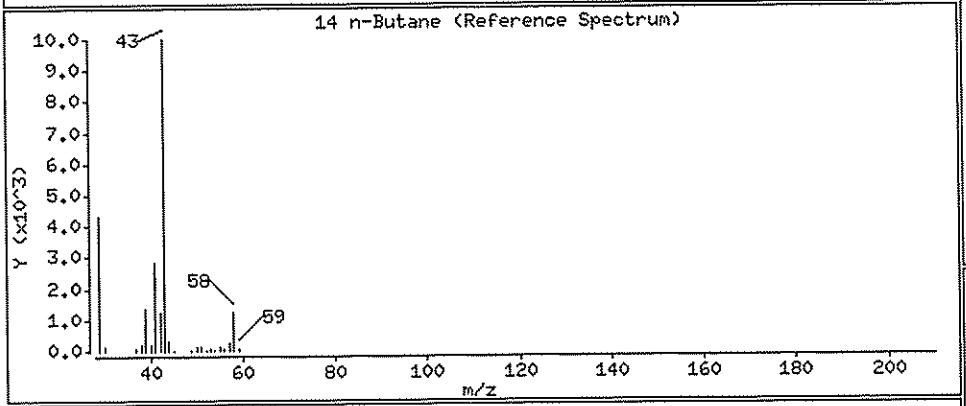
Concentration: 4.027 ppb(v/v)

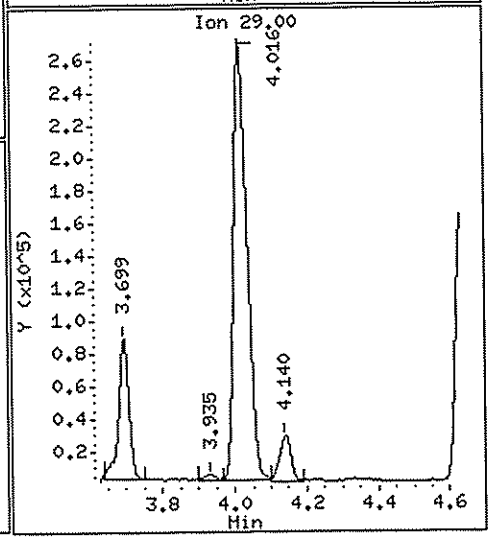


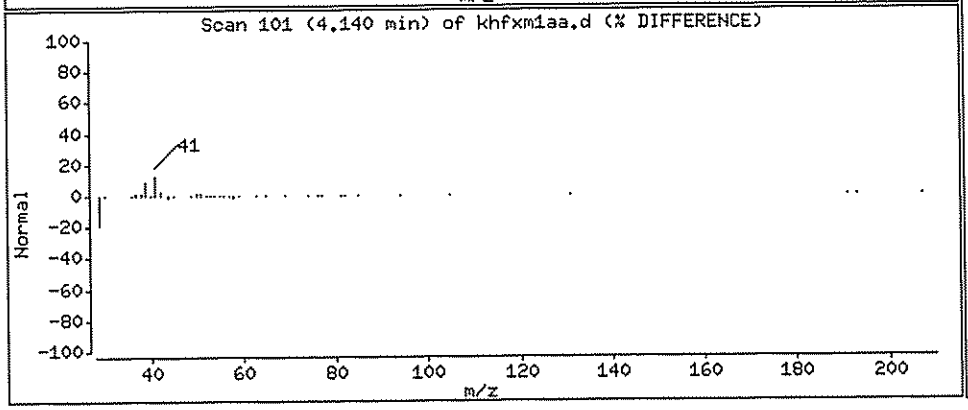












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

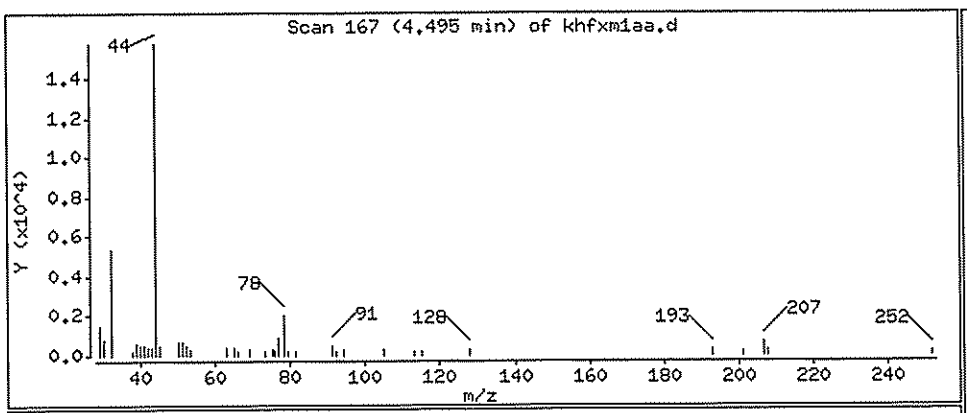
Operator: 7126

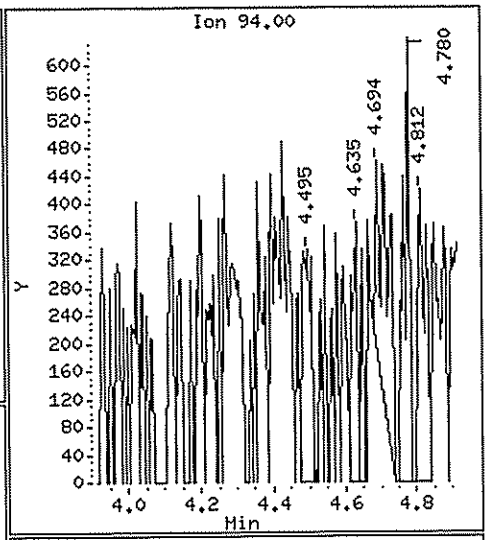
Column phase: HP-5

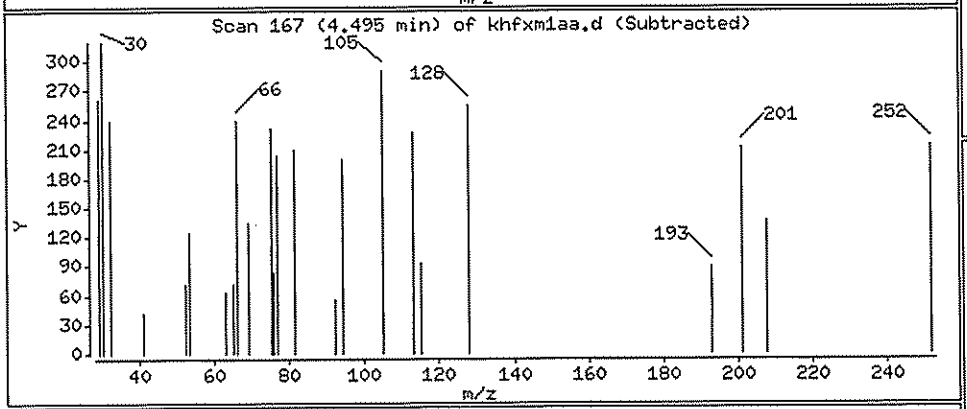
Column diameter: 0.32

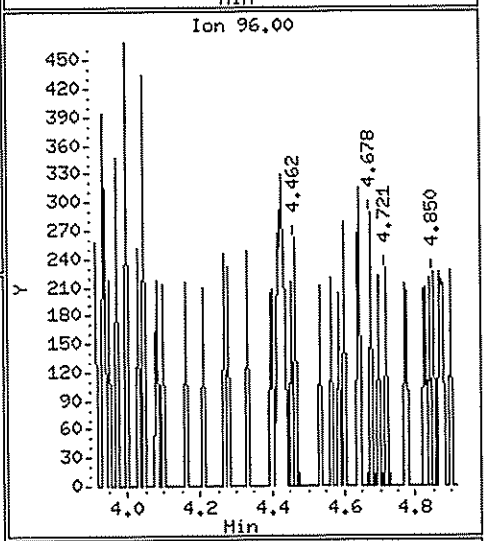
16 Bromomethane

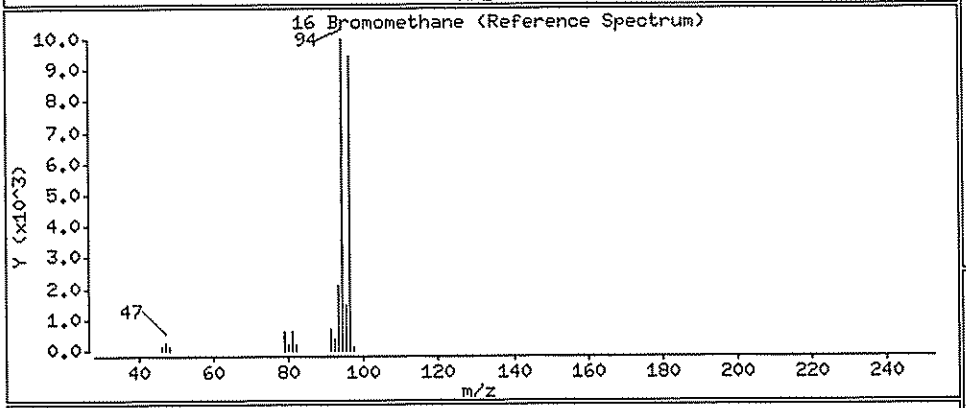
Concentration: 0.01411 ppb(v/v)

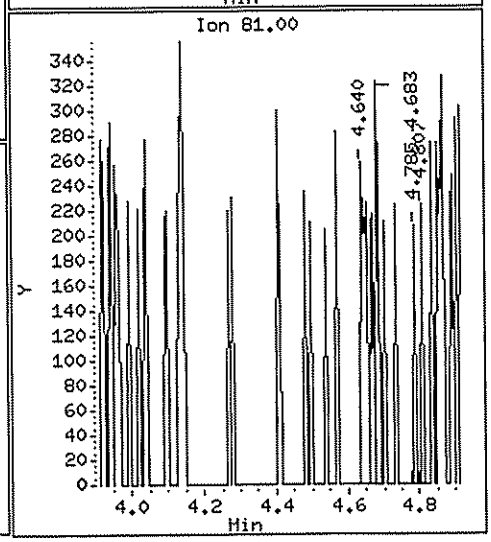


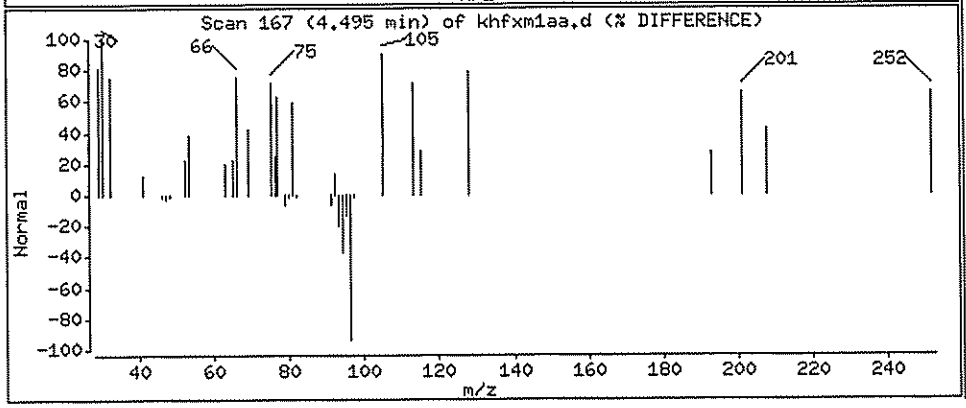












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

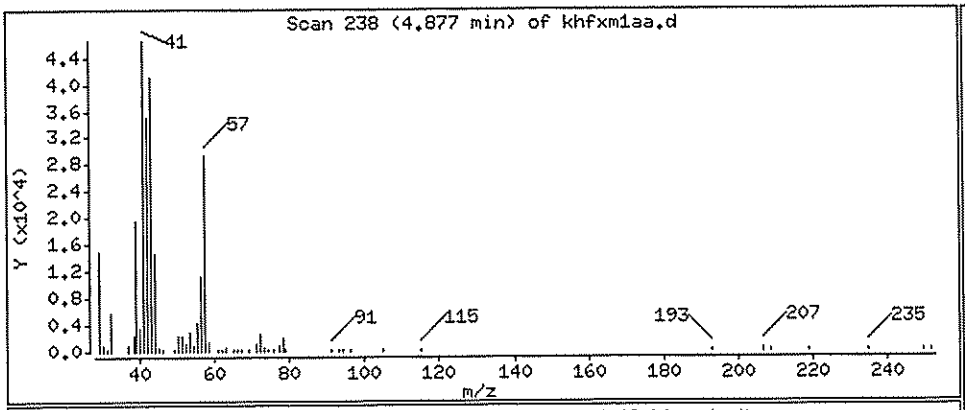
Operator: 7126

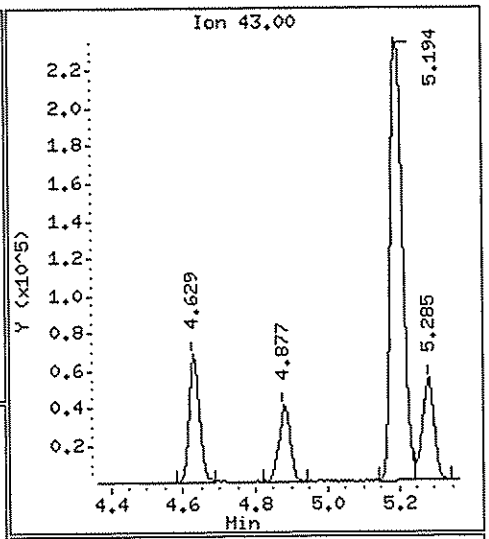
Column phase: HP-5

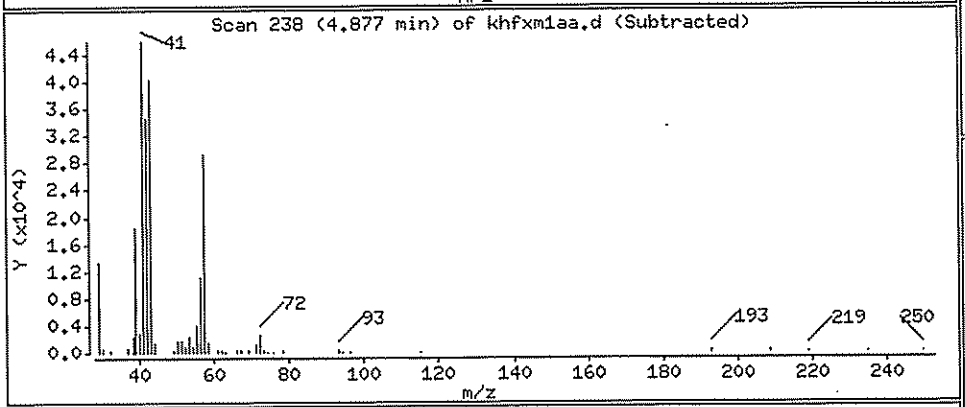
Column diameter: 0.32

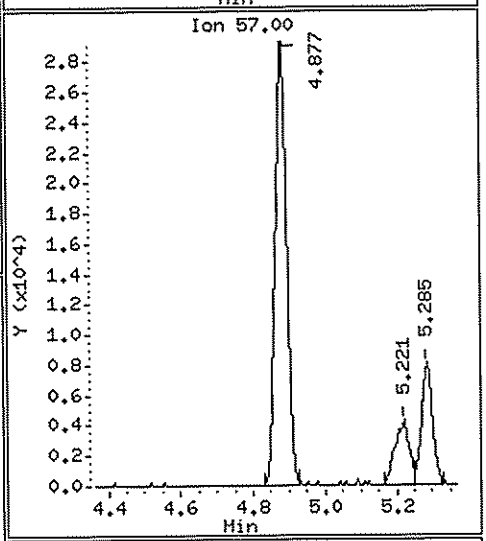
19 2-methyl butane

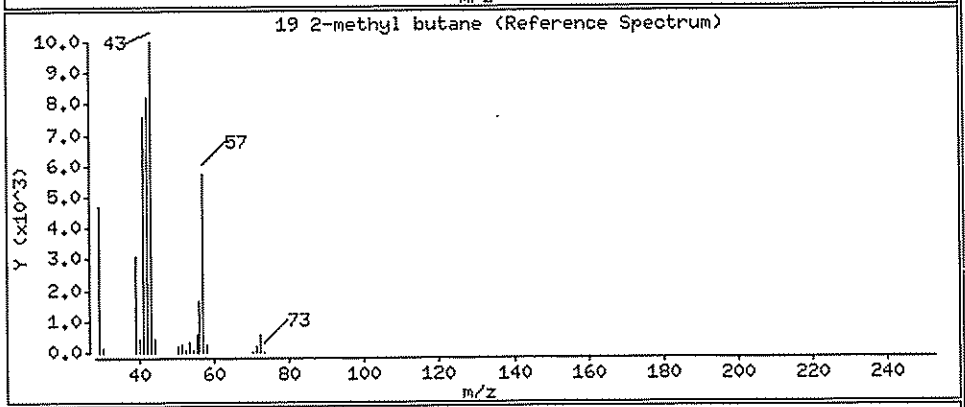
Concentration: 2.447 ppb(v/v)

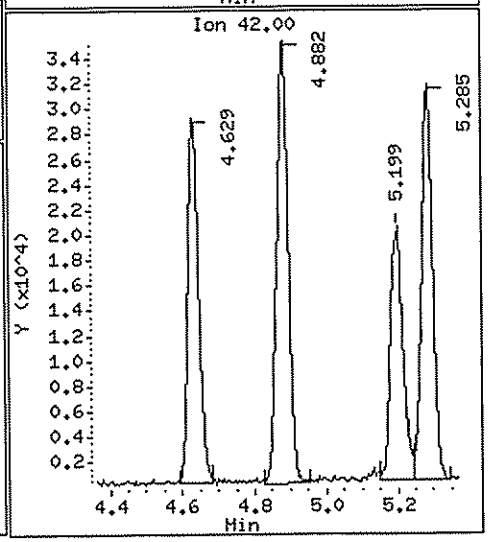


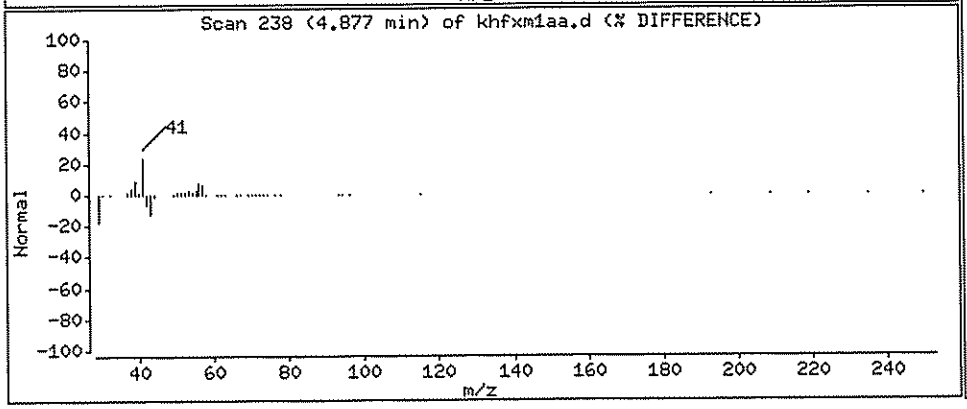












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

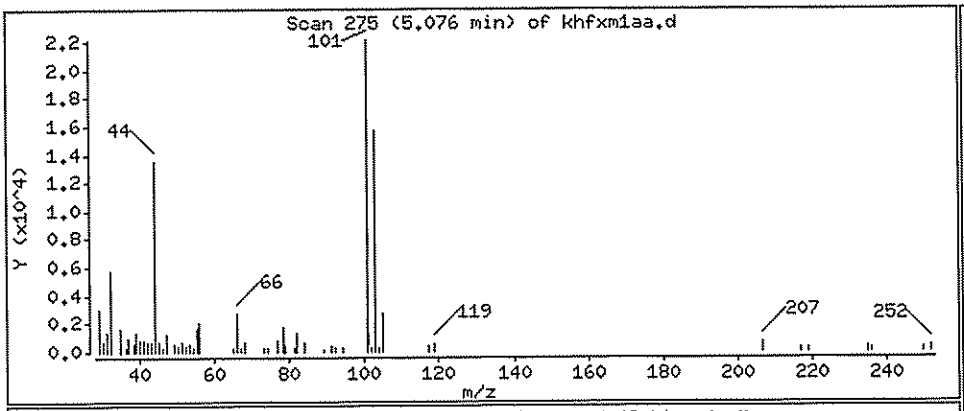
Operator: 7126

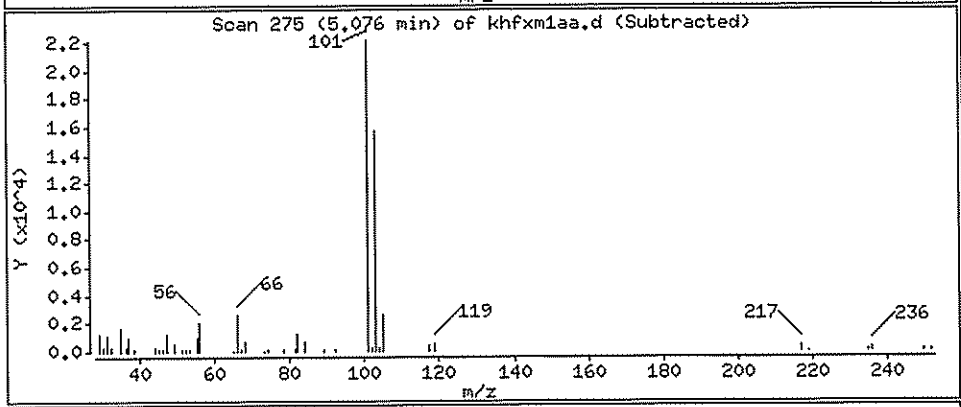
Column phase: HP-5

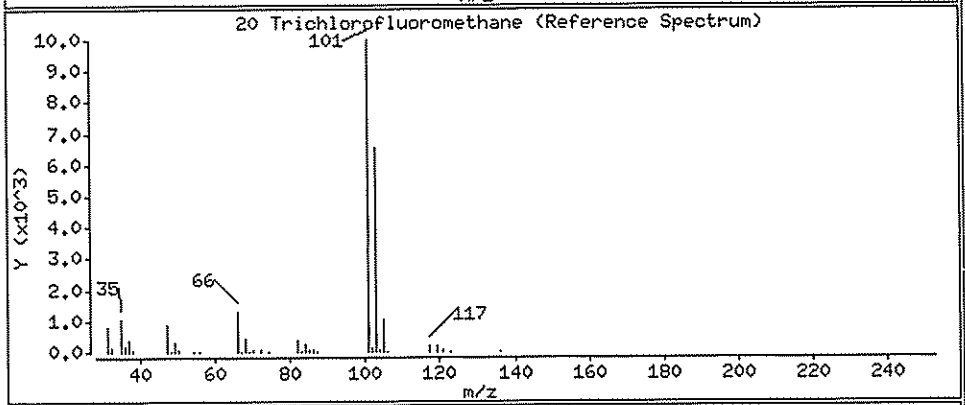
Column diameter: 0.32

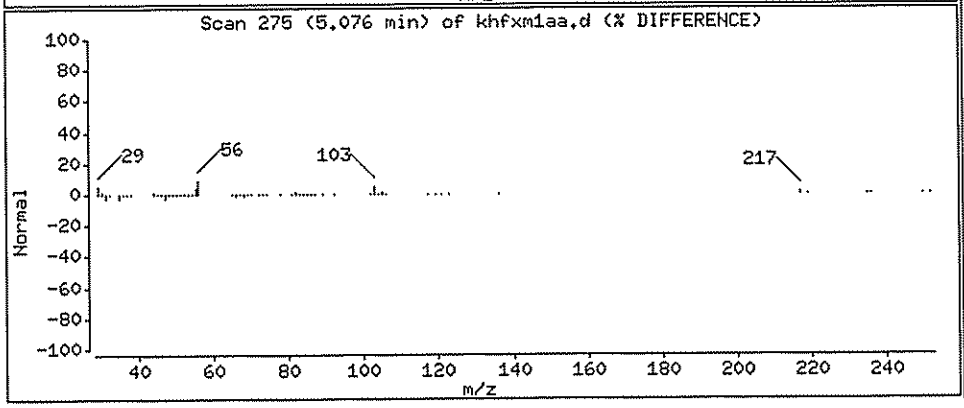
20 Trichlorofluoromethane

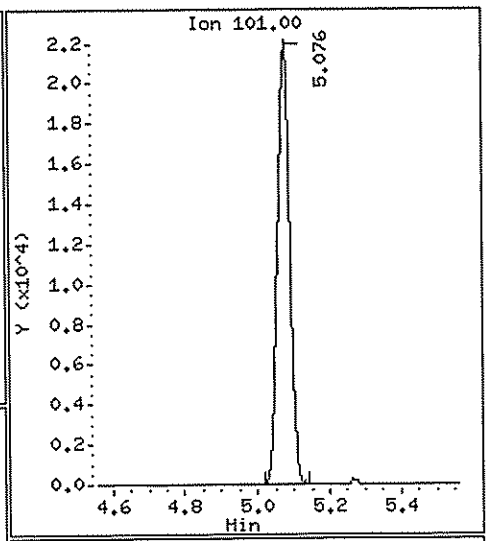
Concentration: 0.2885 ppb(v/v)

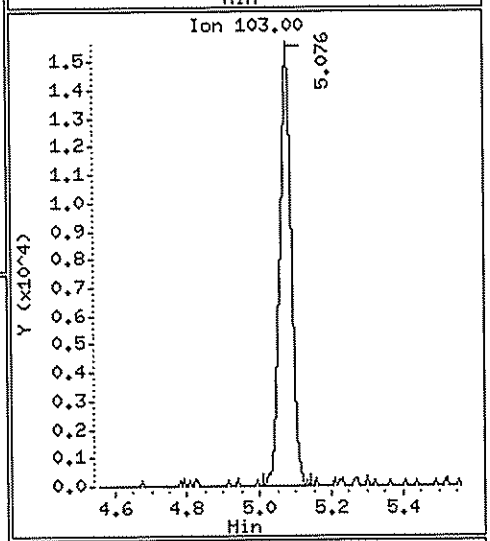


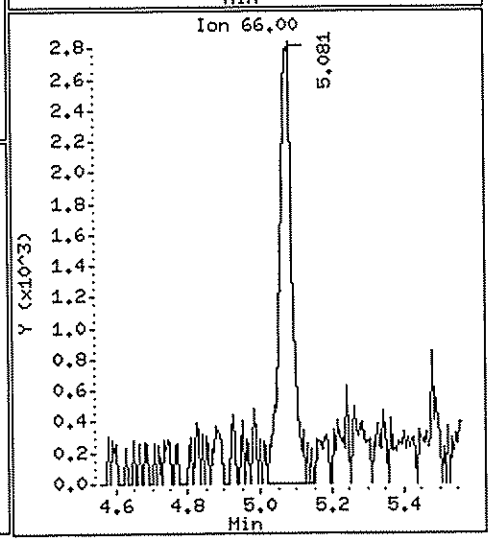












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

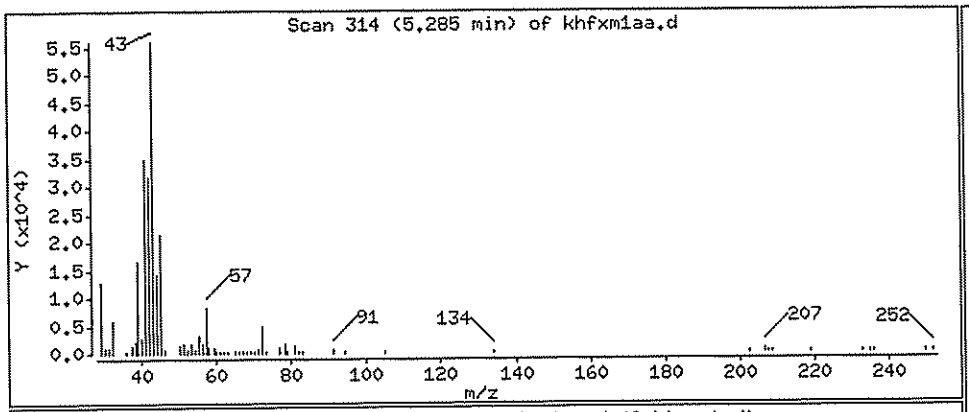
Operator: 7126

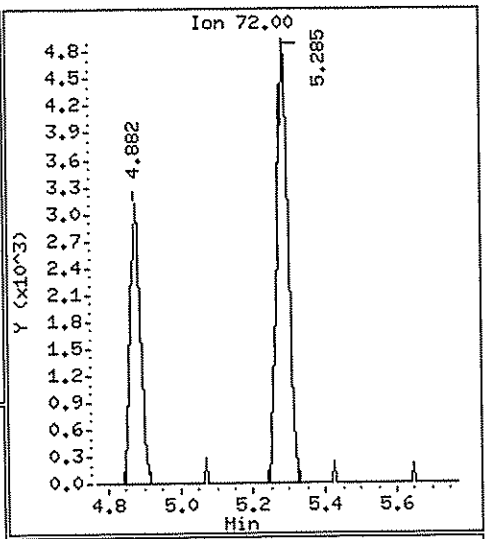
Column phase: HP-5

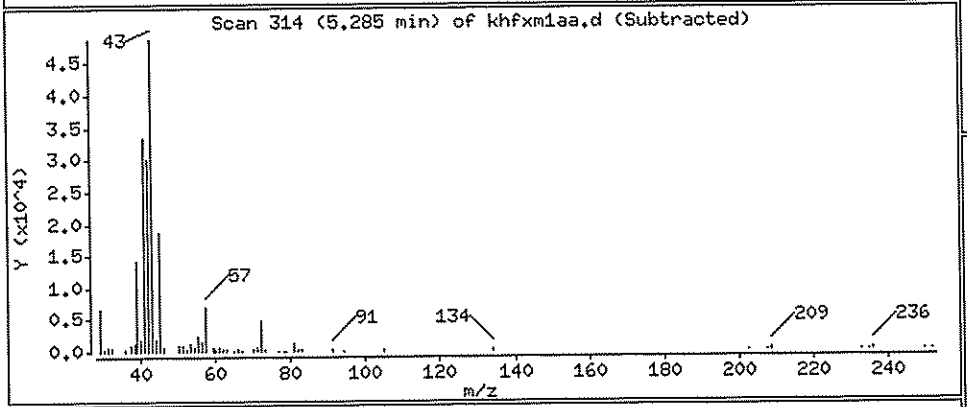
Column diameter: 0.32

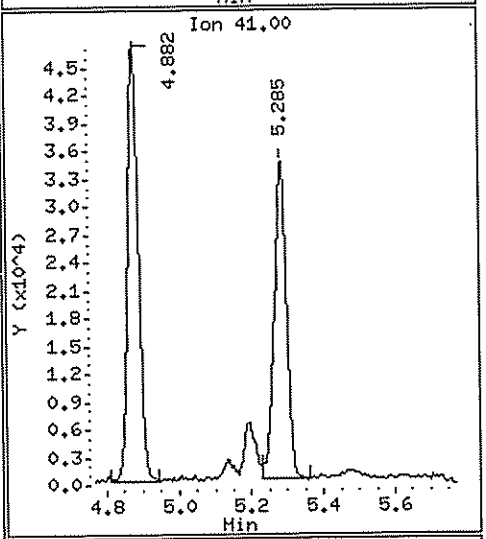
24 Pentane

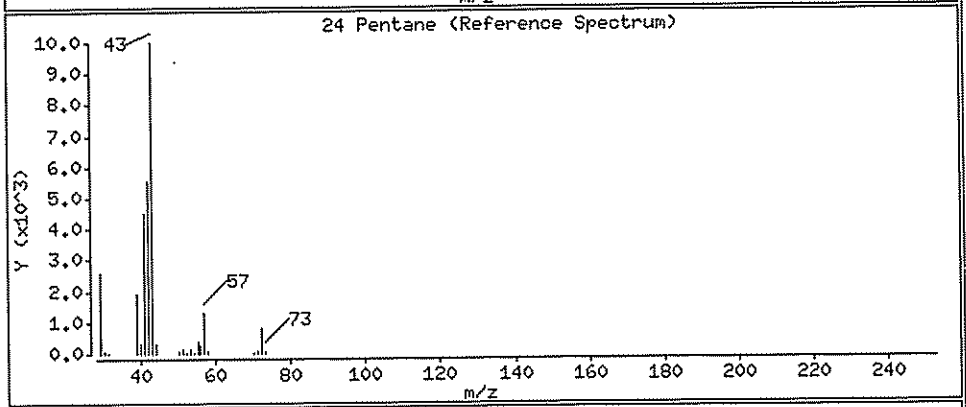
Concentration: 2.045 ppb(v/v)

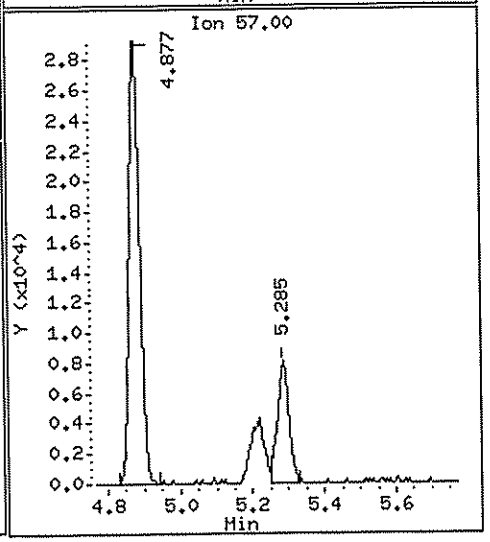


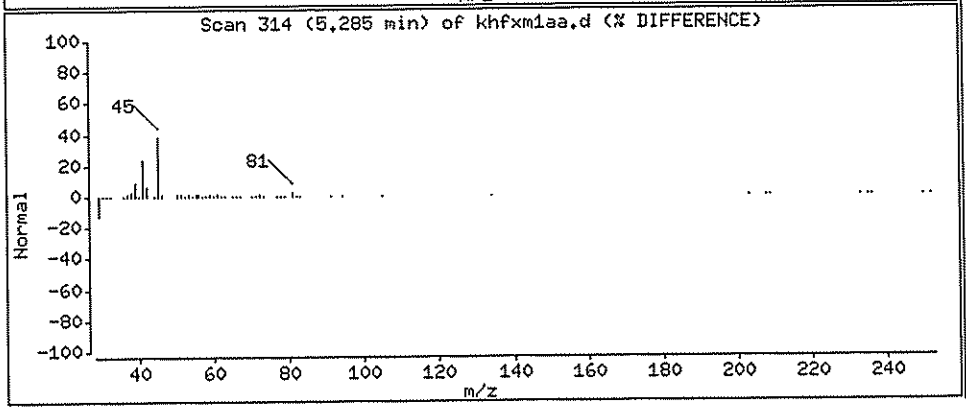












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

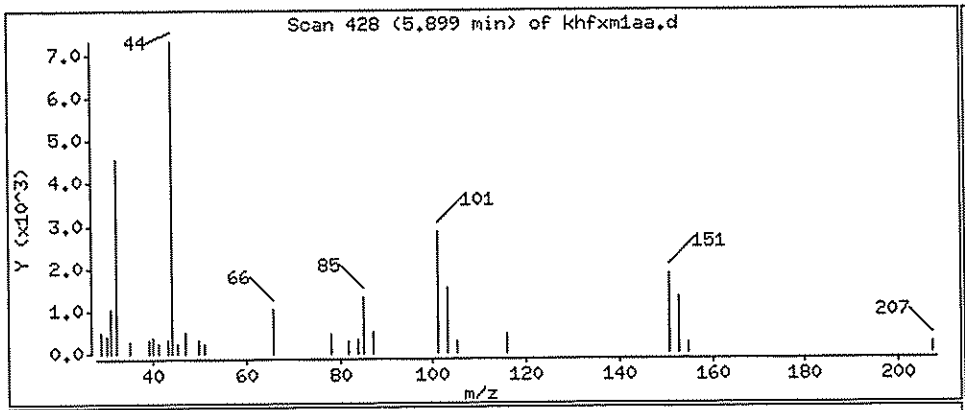
Operator: 7126

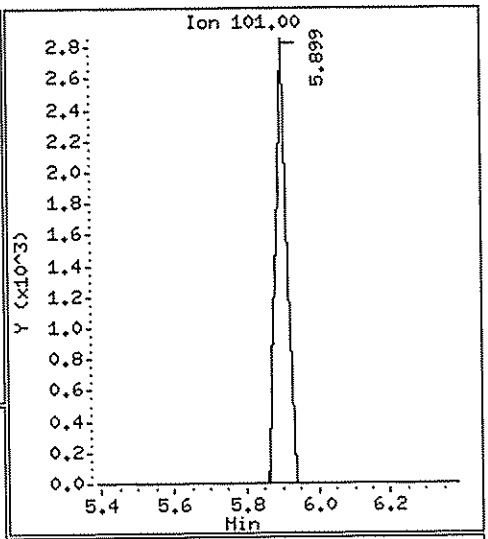
Column phase: HP-5

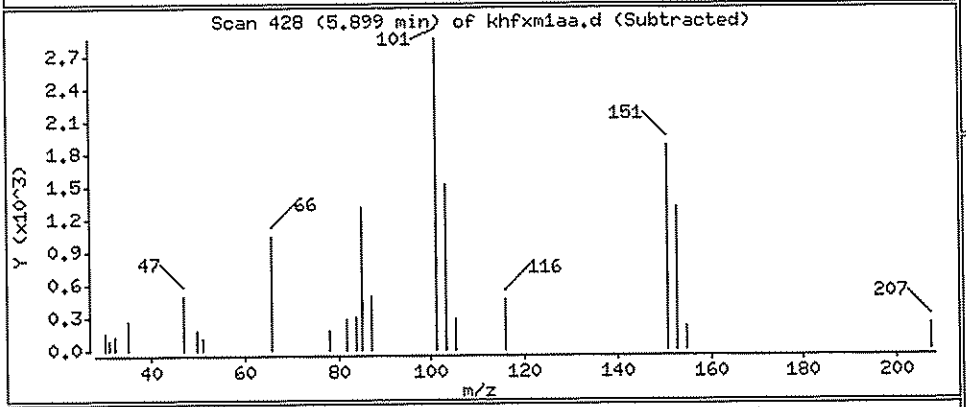
Column diameter: 0.32

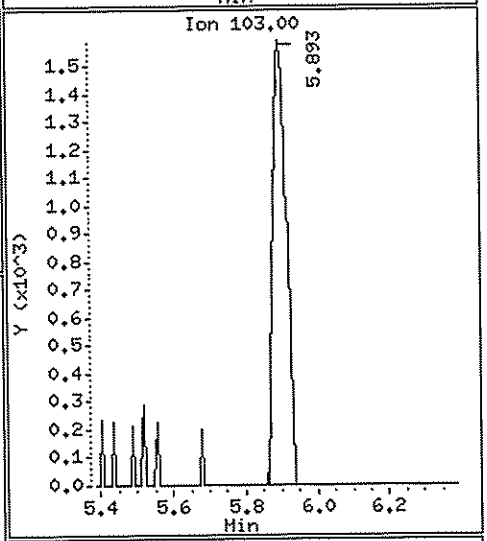
30 1,1,2-Trichlorotrifluoroethane

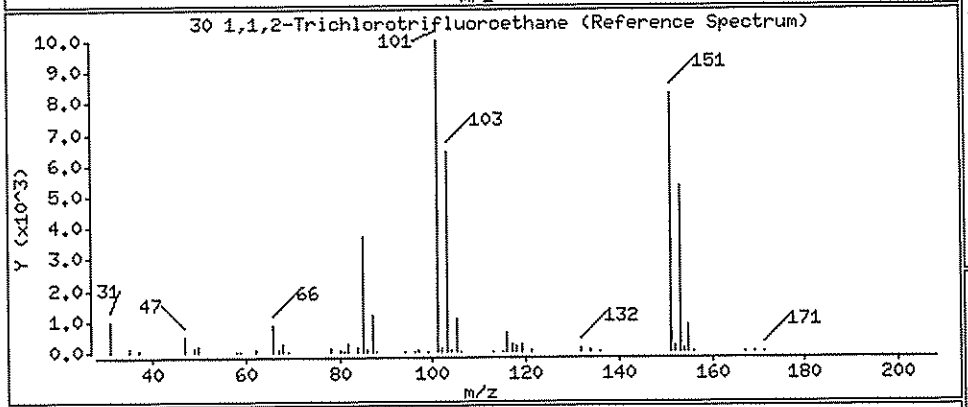
Concentration: 0.08666 ppb(v/v)

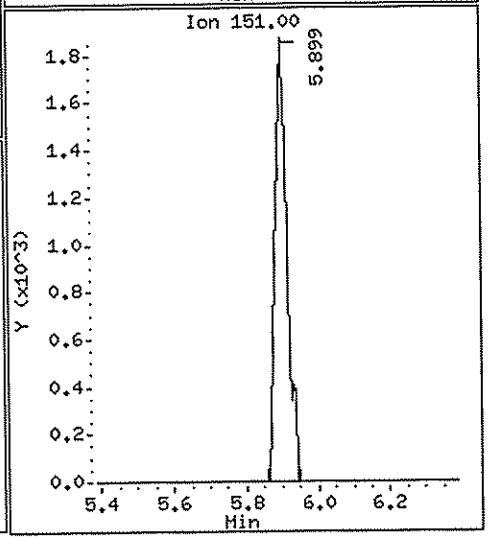


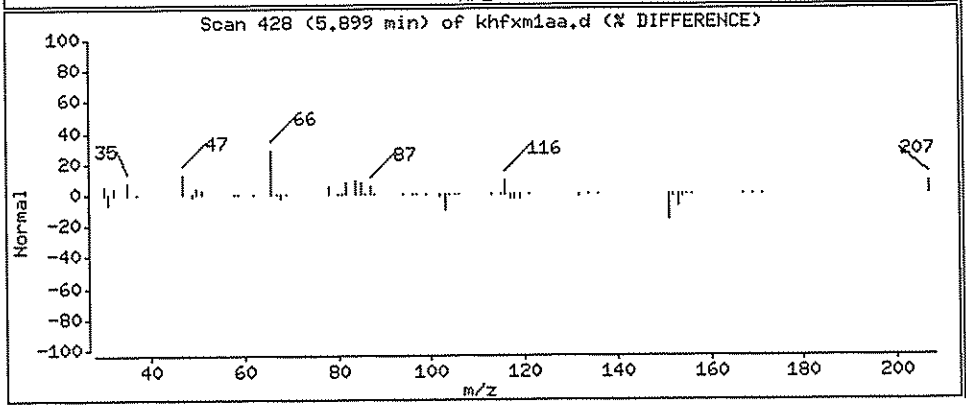












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

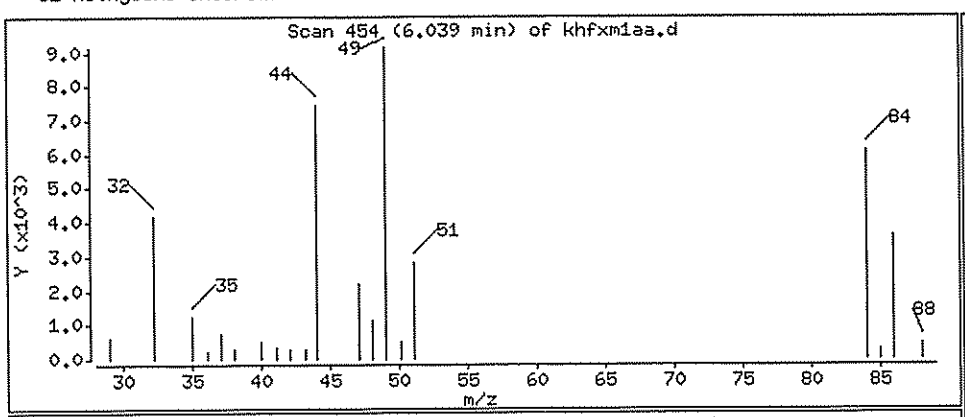
Operator: 7126

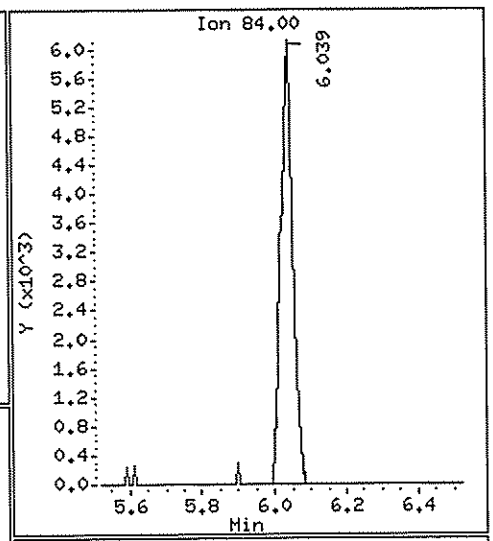
Column phase: HP-5

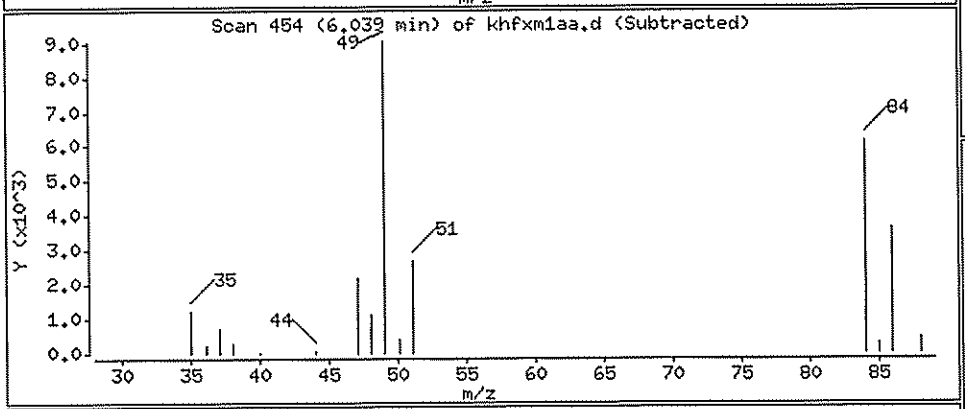
Column diameter: 0.32

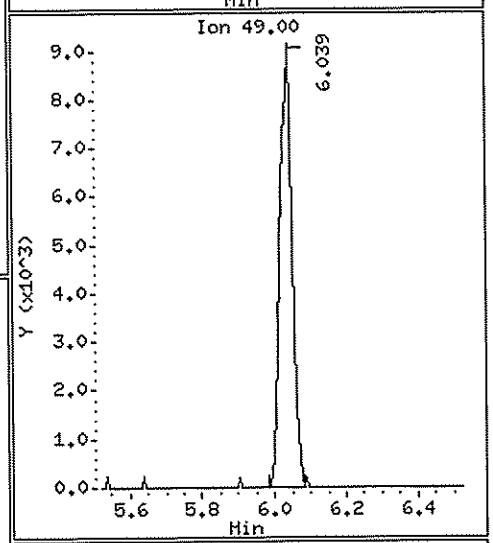
31 Methylene Chloride

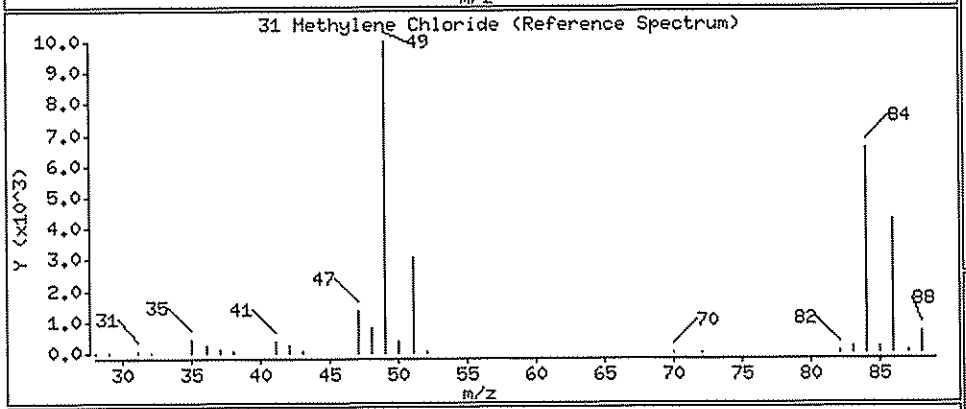
Concentration: 0.5362 ppb(v/v)

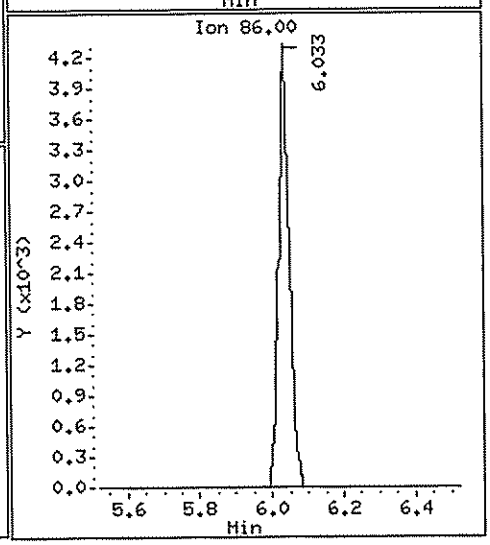


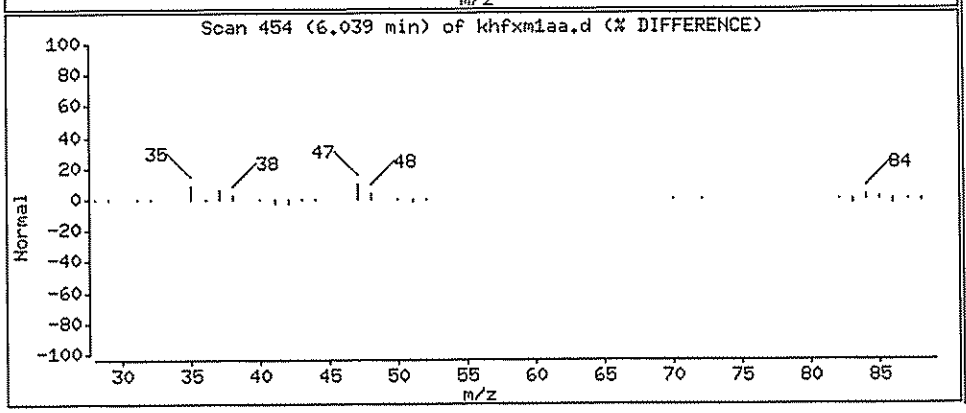












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

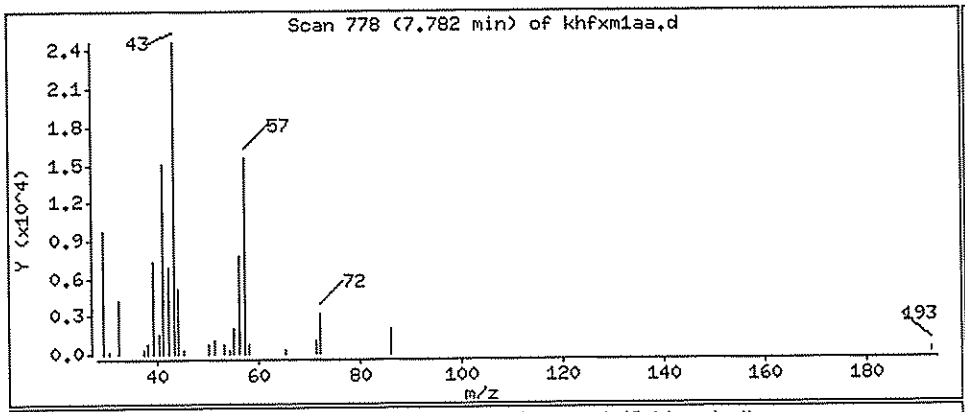
Operator: 7126

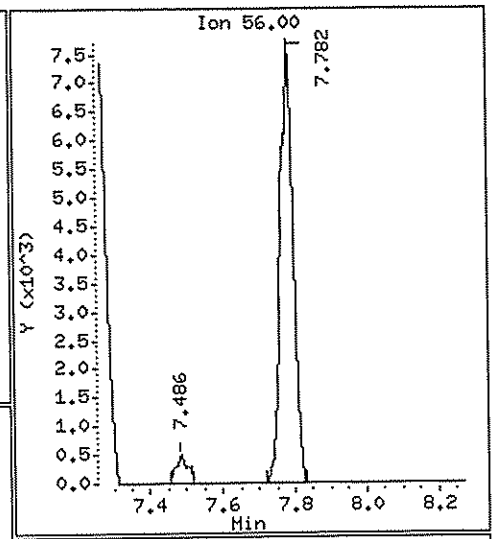
Column phase: HP-5

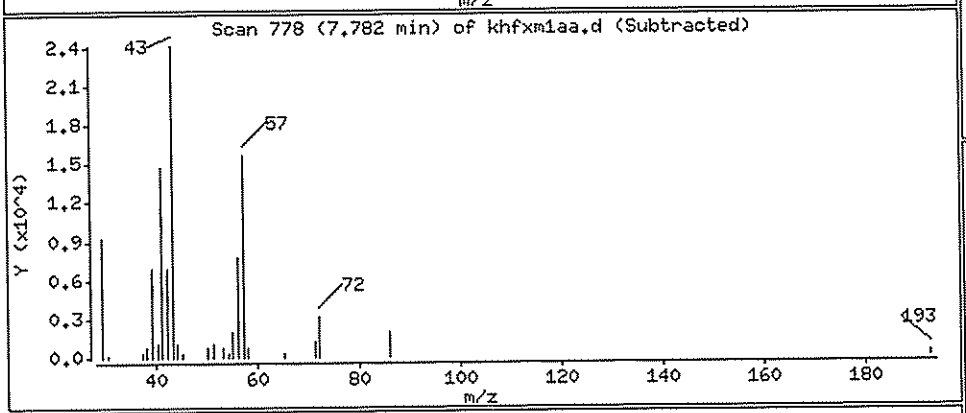
Column diameter: 0.32

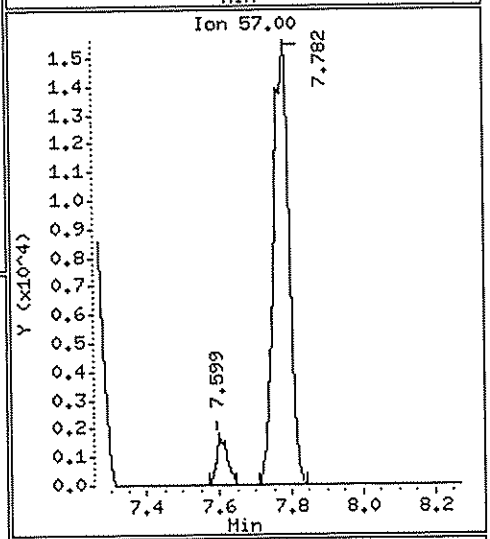
38 Hexane

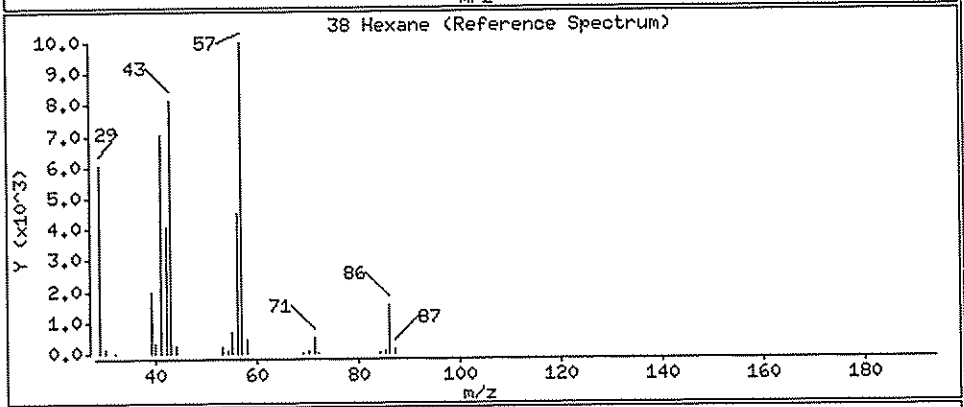
Concentration: 0.7641 ppb(v/v)

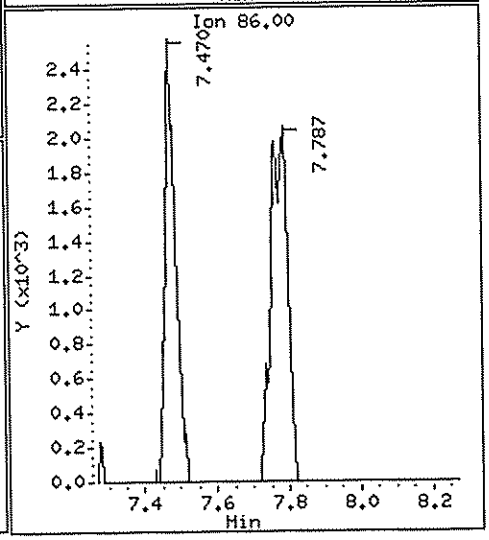


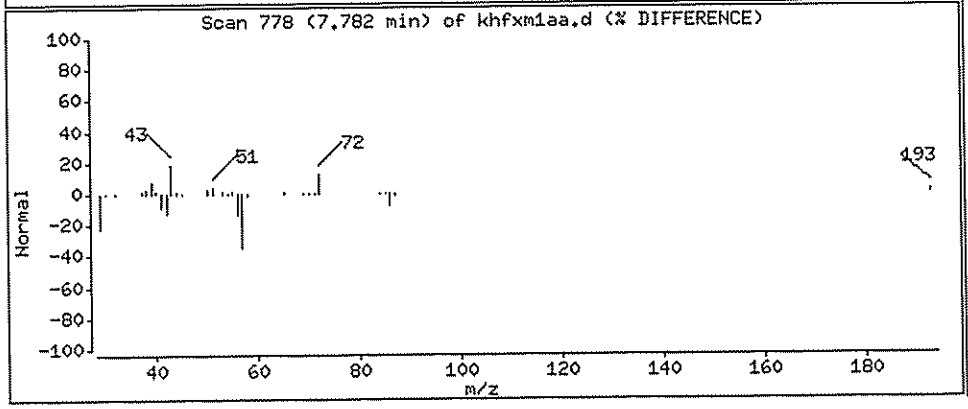












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

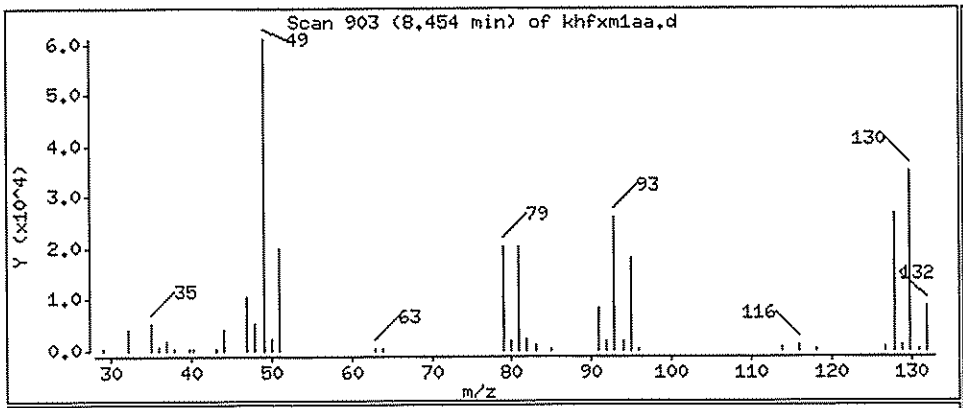
Operator: 7126

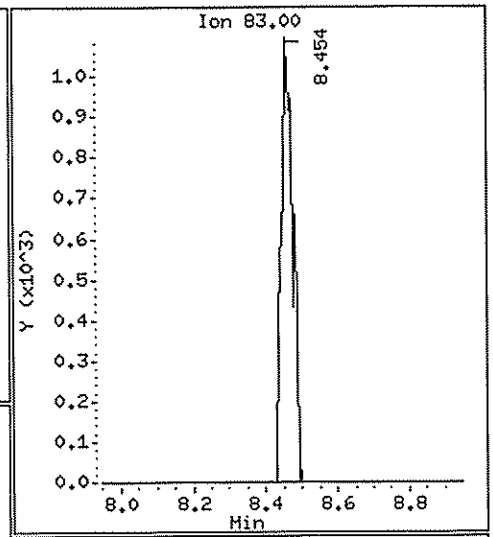
Column phase: HP-5

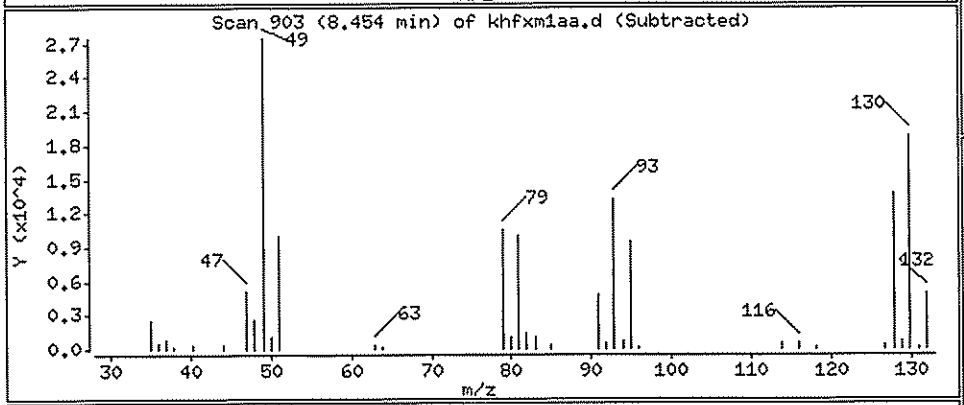
Column diameter: 0.32

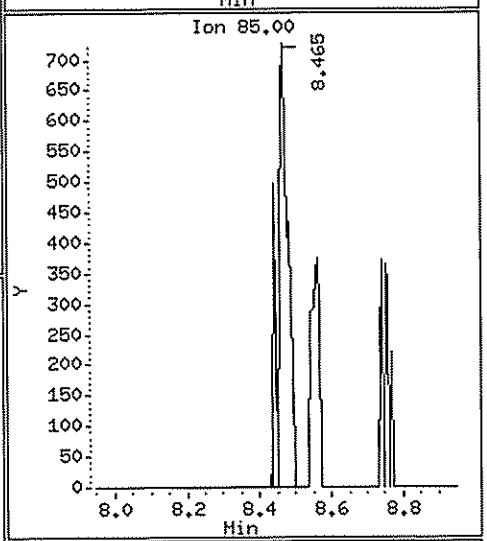
42 Chloroform

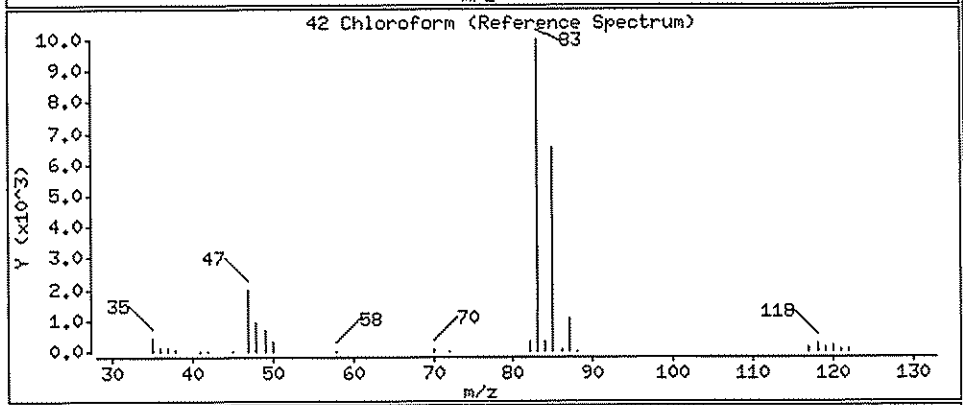
Concentration: 0.02849 ppb(v/v)

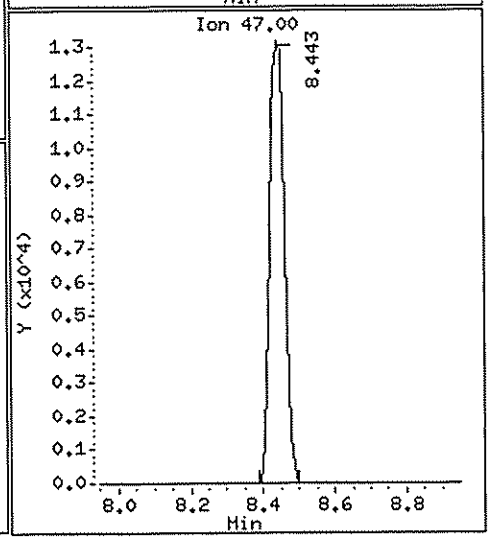


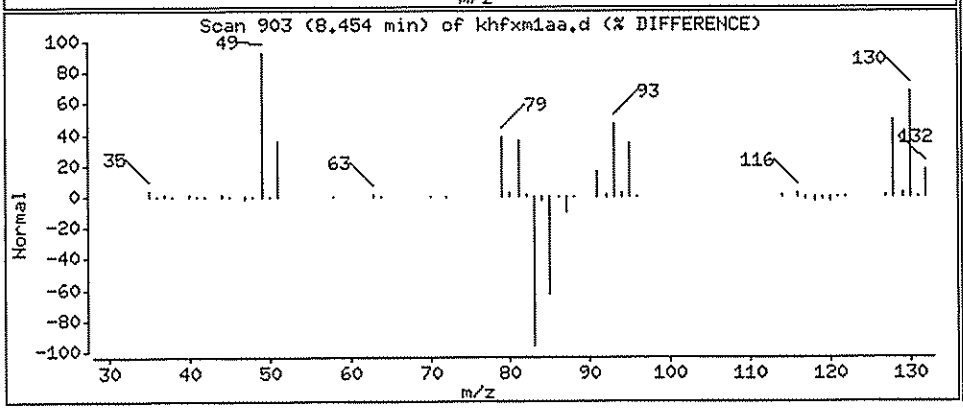












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

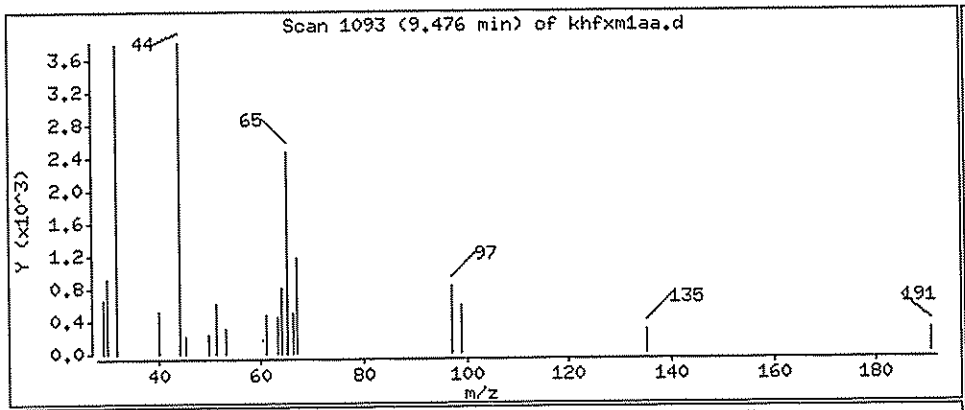
Operator: 7126

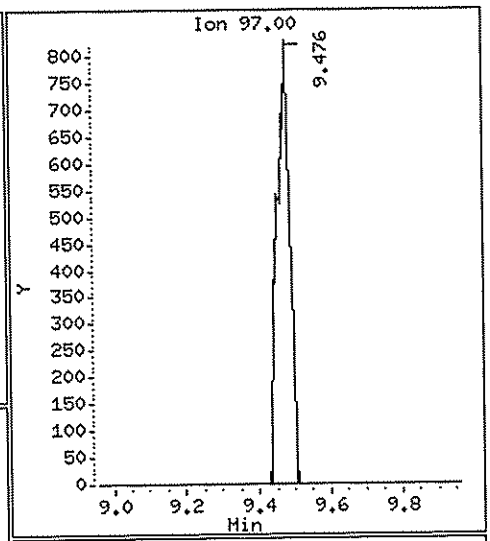
Column phase: HP-5

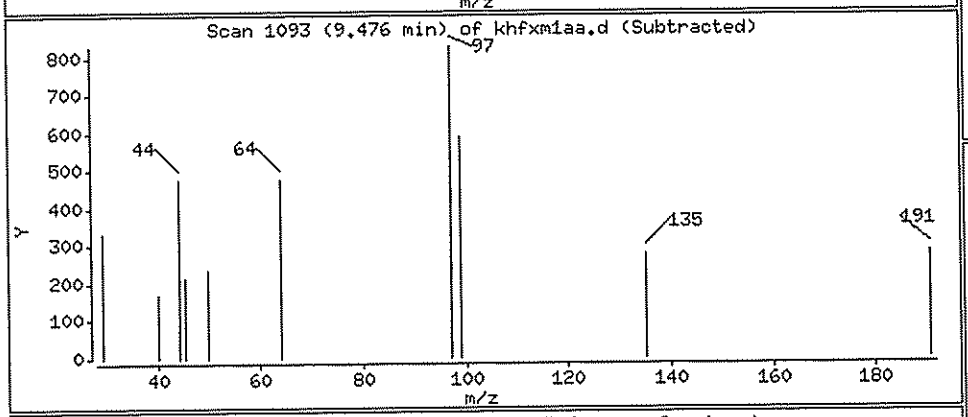
Column diameter: 0.32

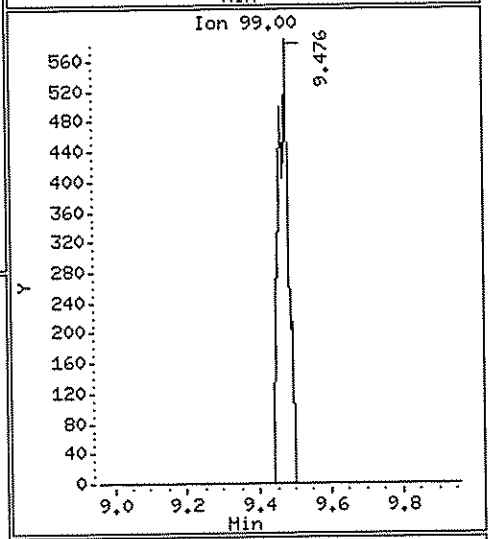
44 1,1,1-Trichloroethane

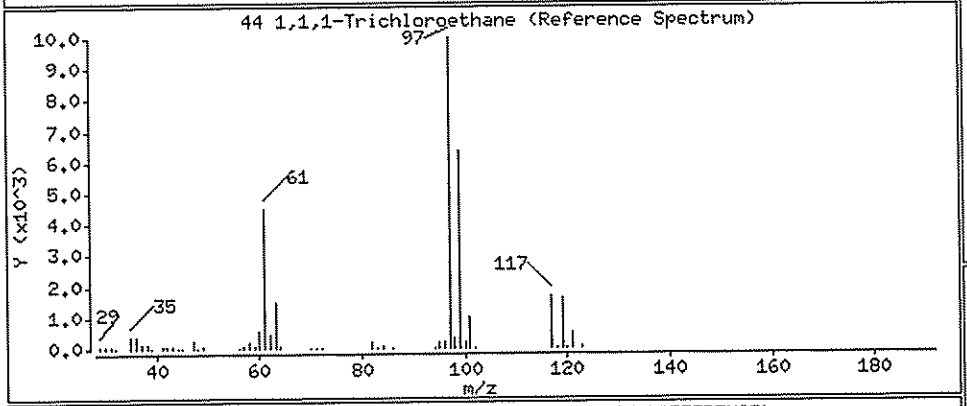
Concentration: 0.01864 ppb(v/v)

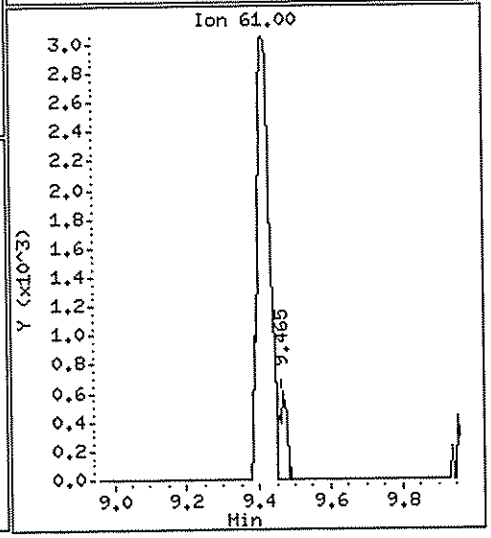


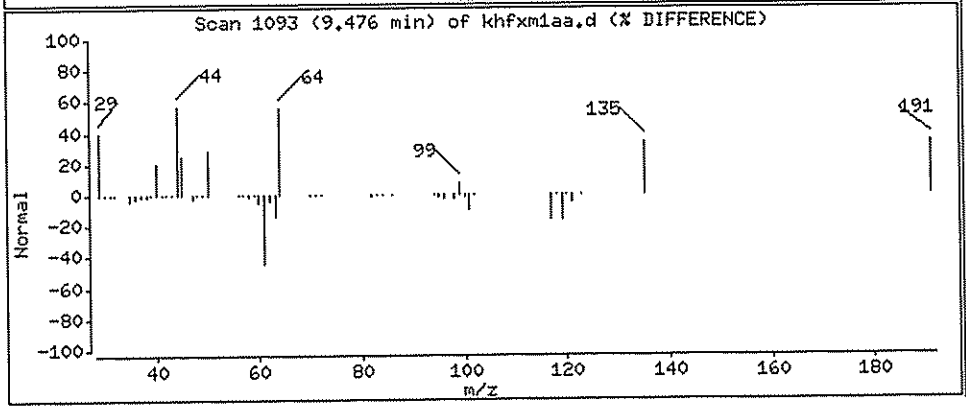












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

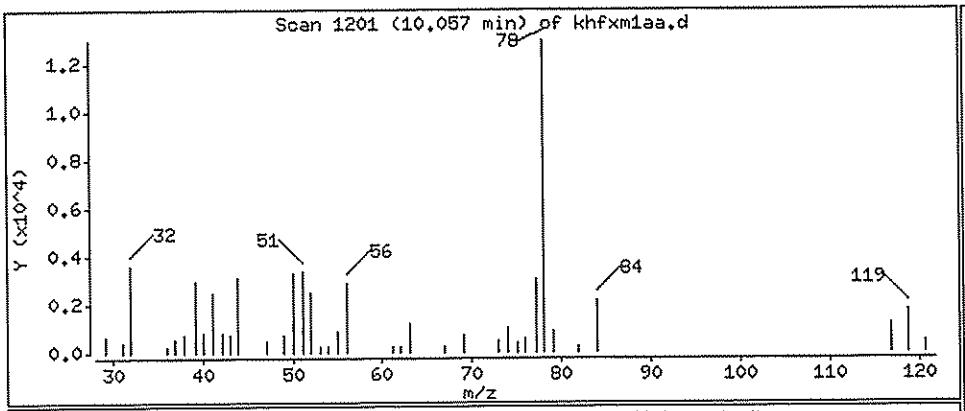
Operator: 7126

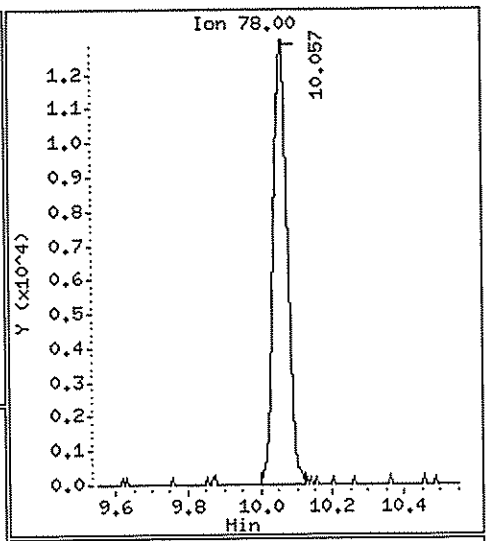
Column phase: HP-5

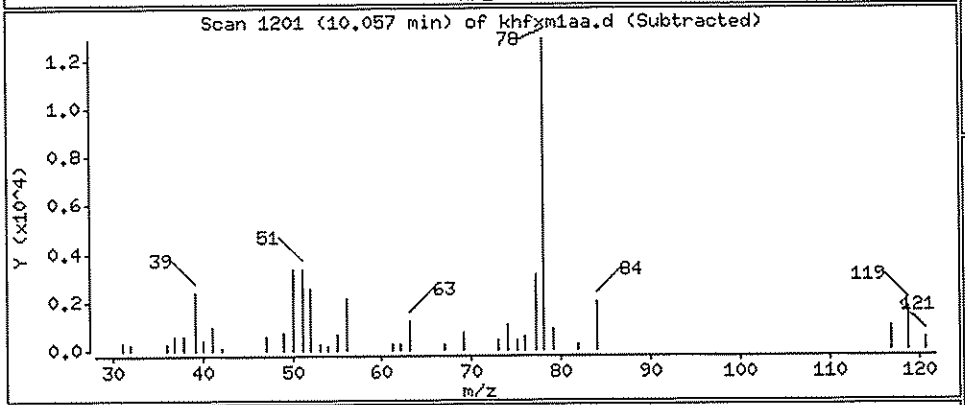
Column diameter: 0.32

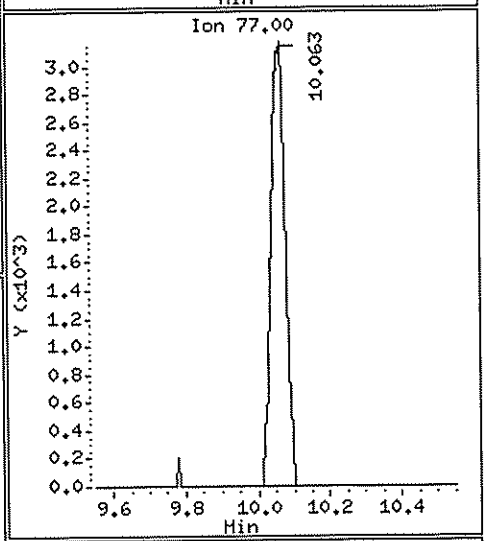
46 Benzene

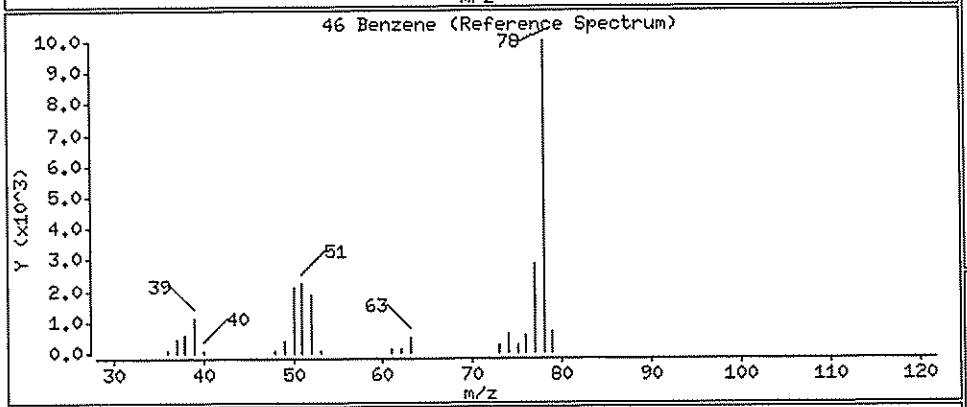
Concentration: 0.4509 ppb(v/v)

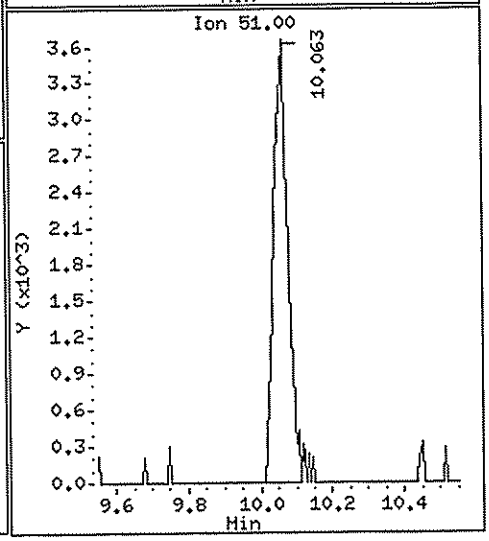


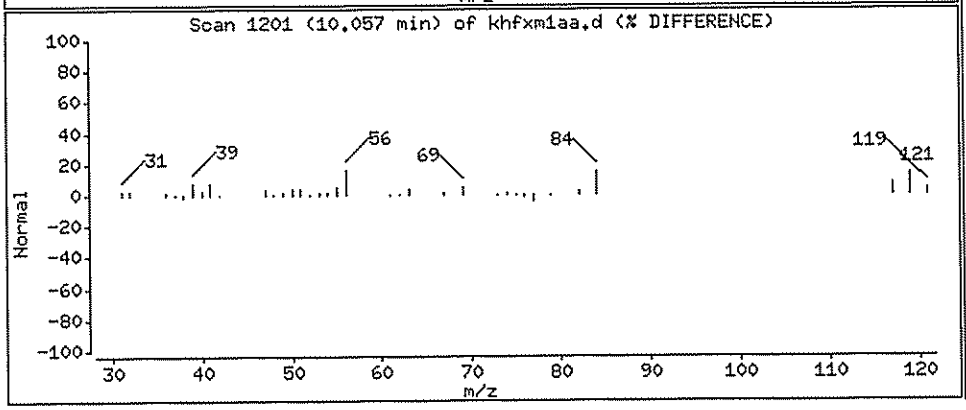












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

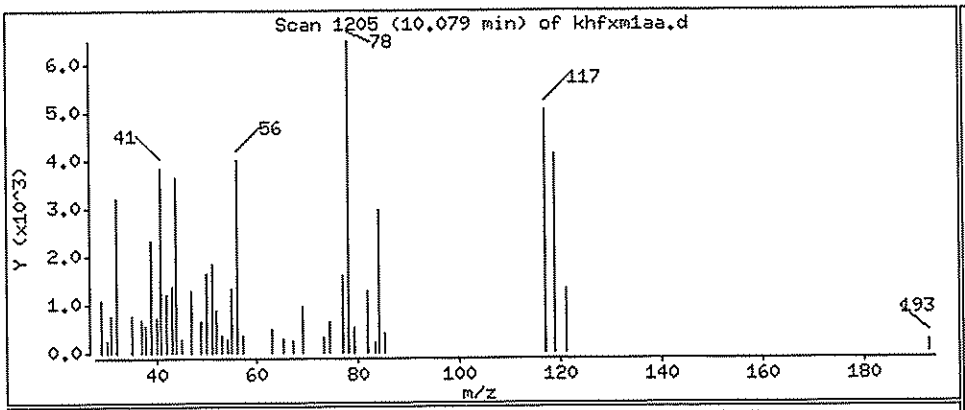
Operator: 7126

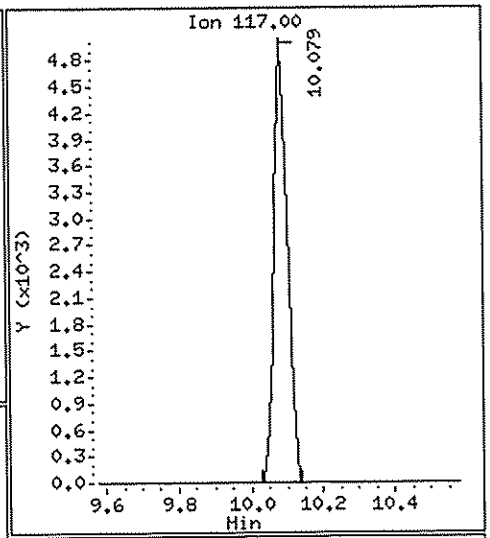
Column phase: HP-5

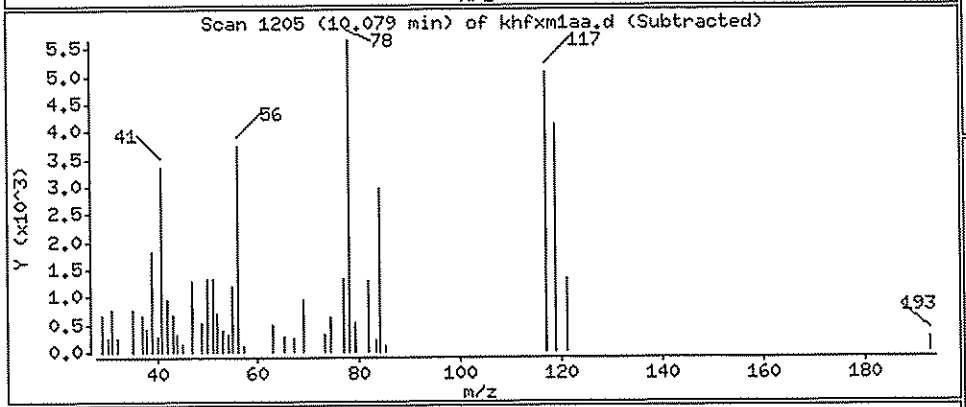
Column diameter: 0.32

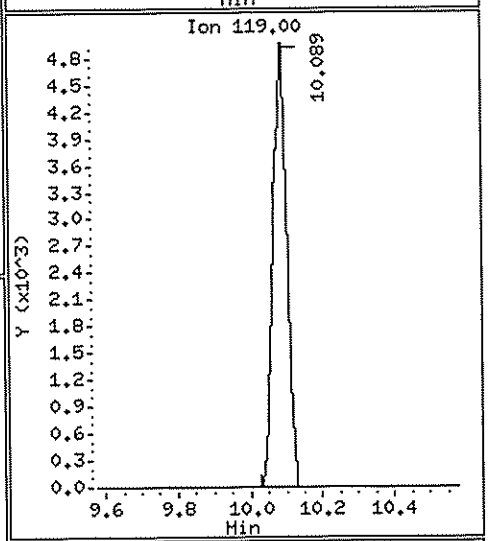
49 Carbon Tetrachloride

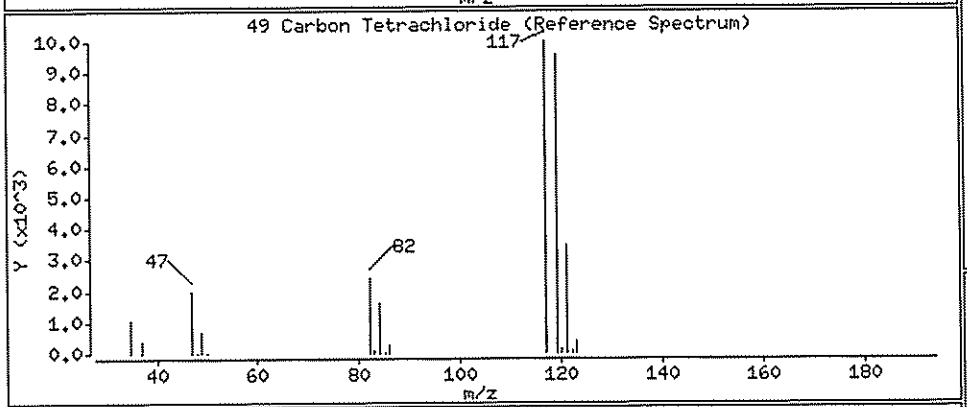
Concentration: 0.09427 ppb(v/v)

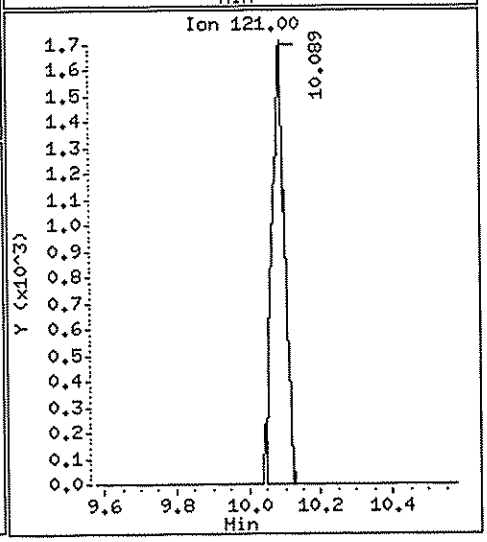


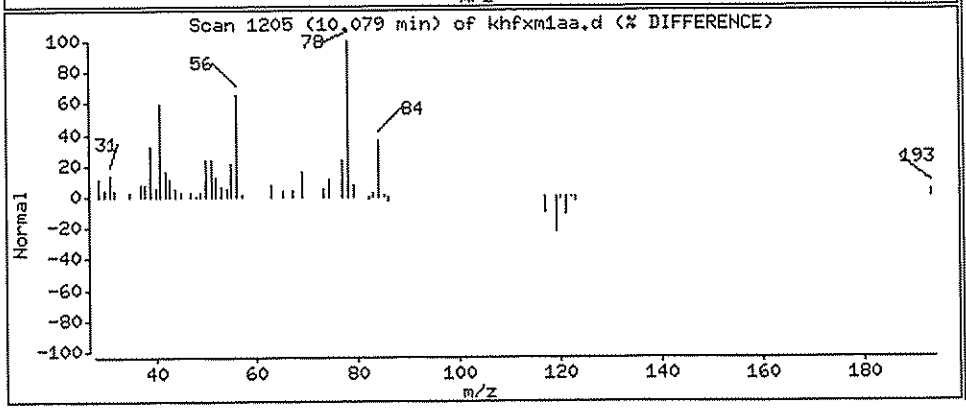












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

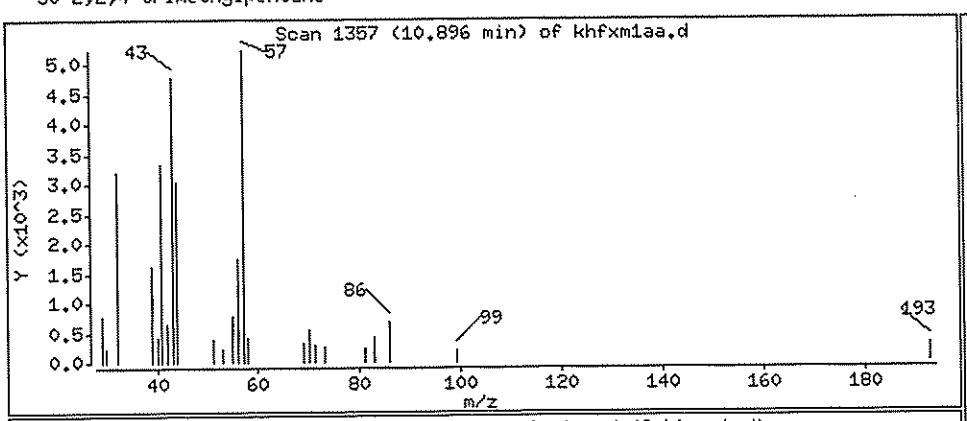
Operator: 7126

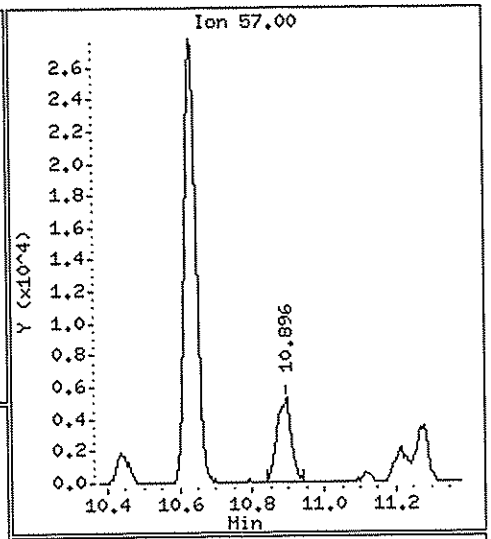
Column phase: HP-5

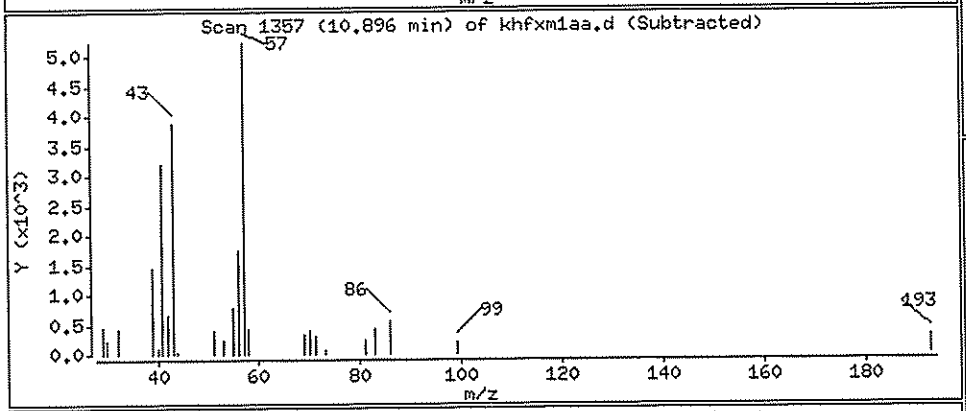
Column diameter: 0.32

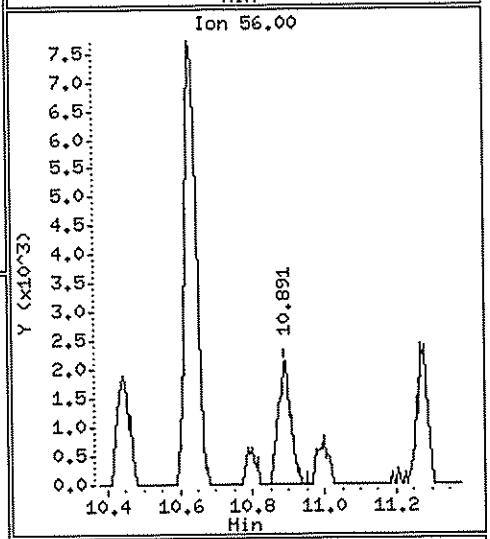
50 2,2,4-trimethylpentane

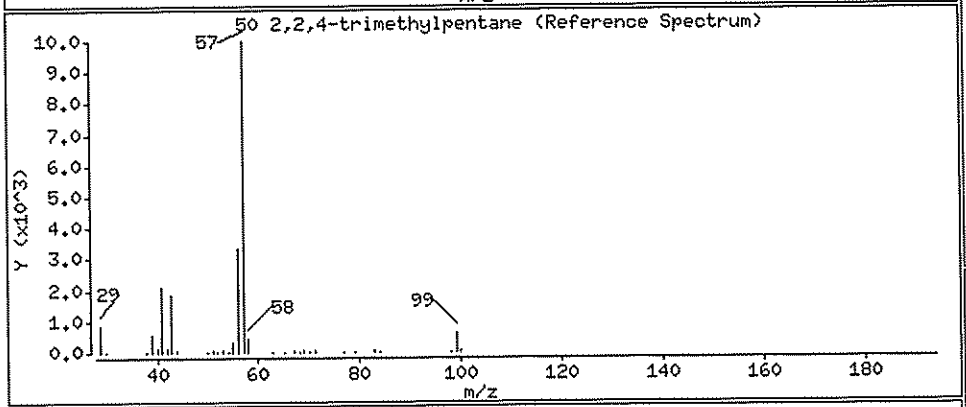
Concentration: 0.1072 ppb(v/v)

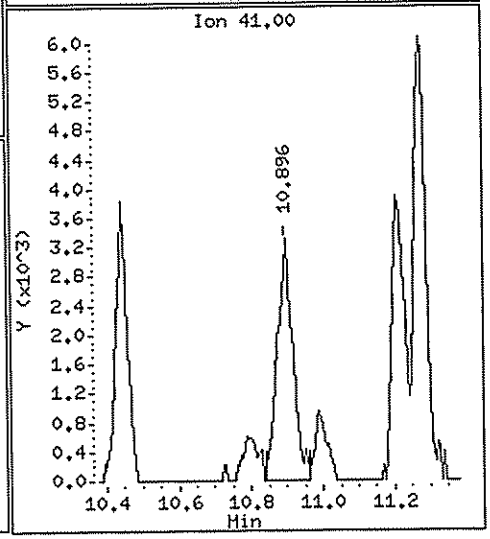


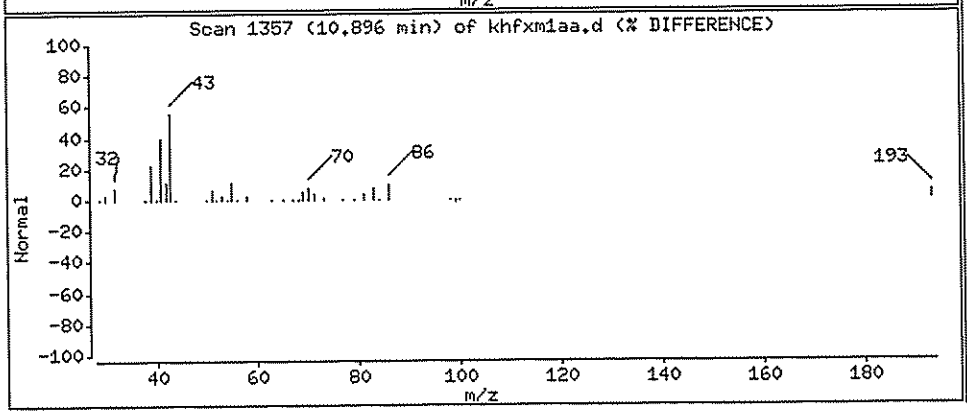












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

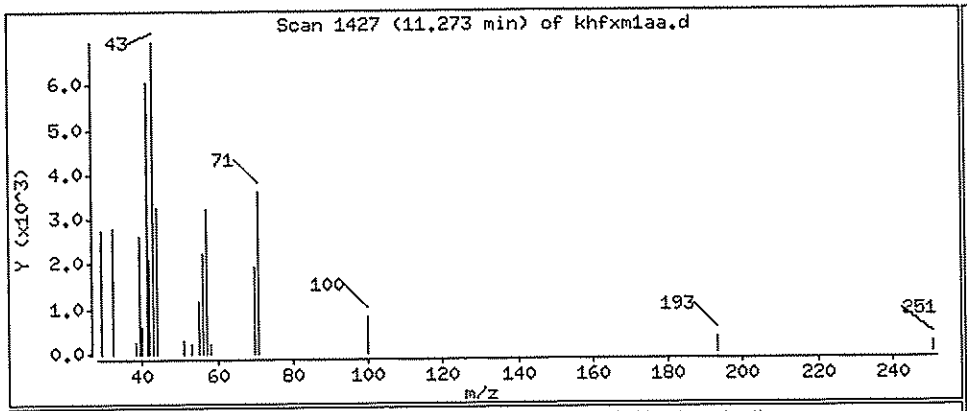
Operator: 7126

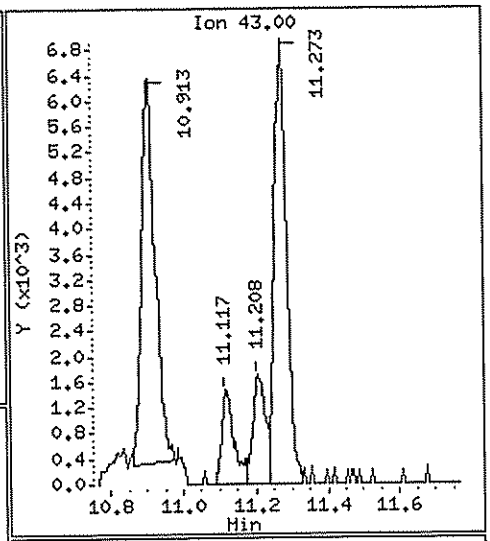
Column phase: HP-5

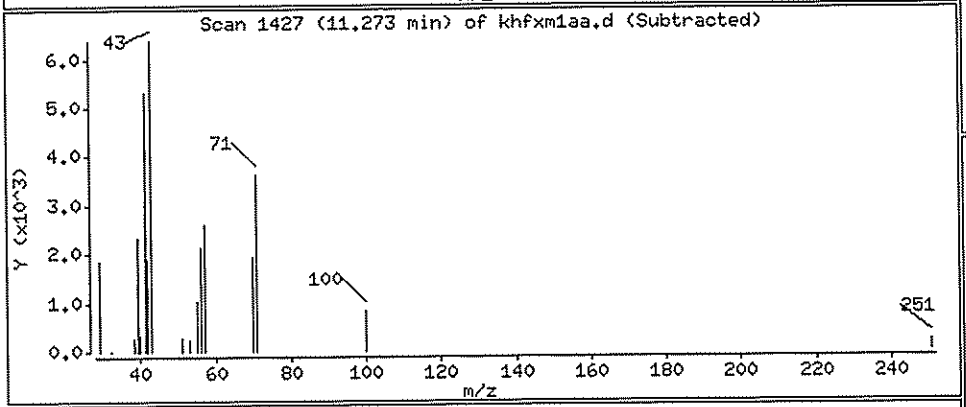
Column diameter: 0.32

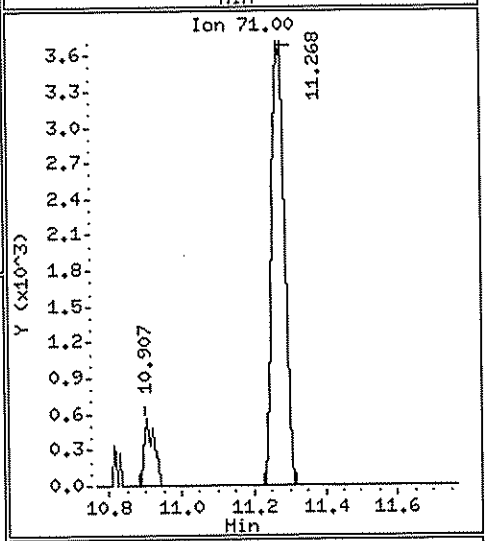
51 Heptane

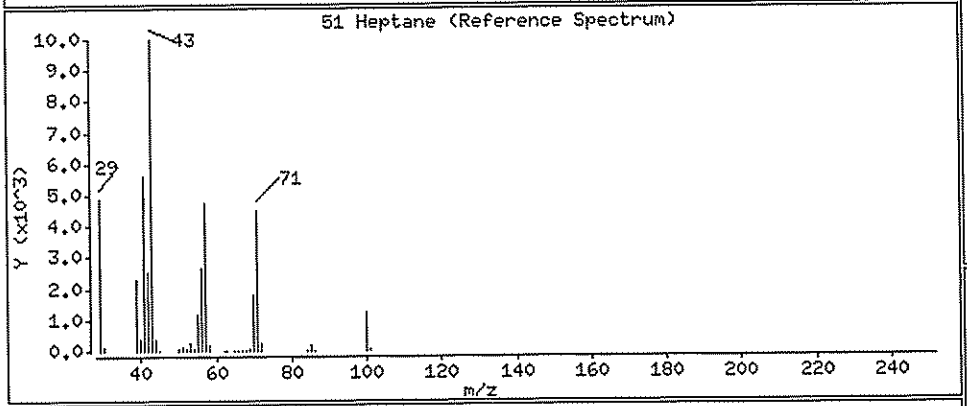
Concentration: 0.3180 ppb(v/v)

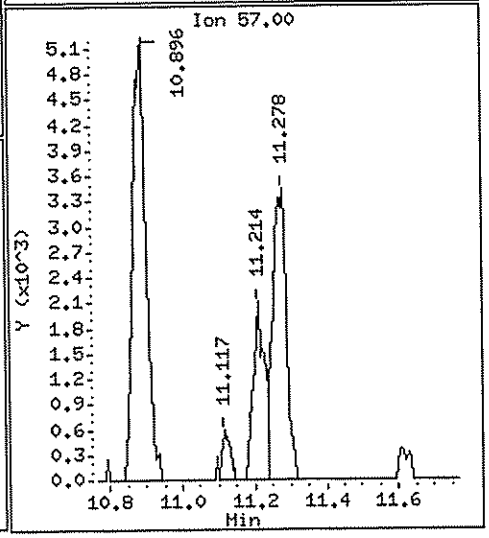


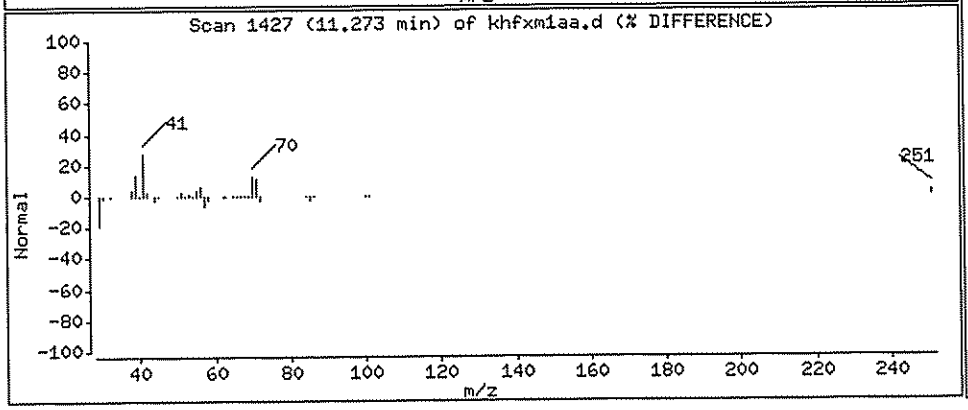












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

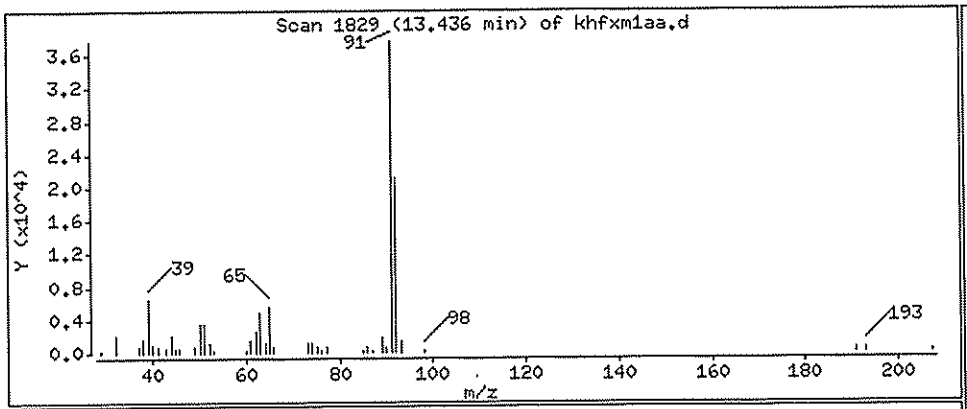
Operator: 7126

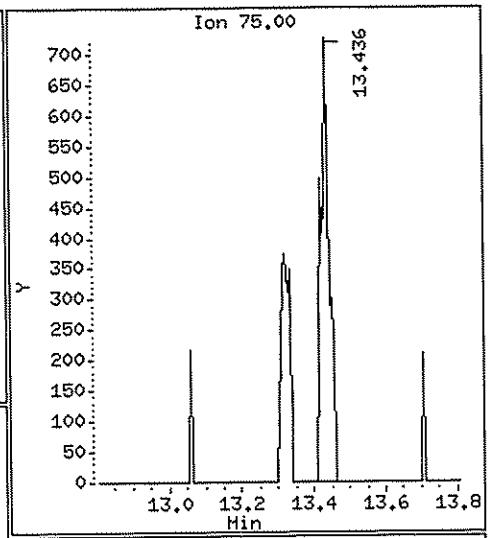
Column phase: HP-5

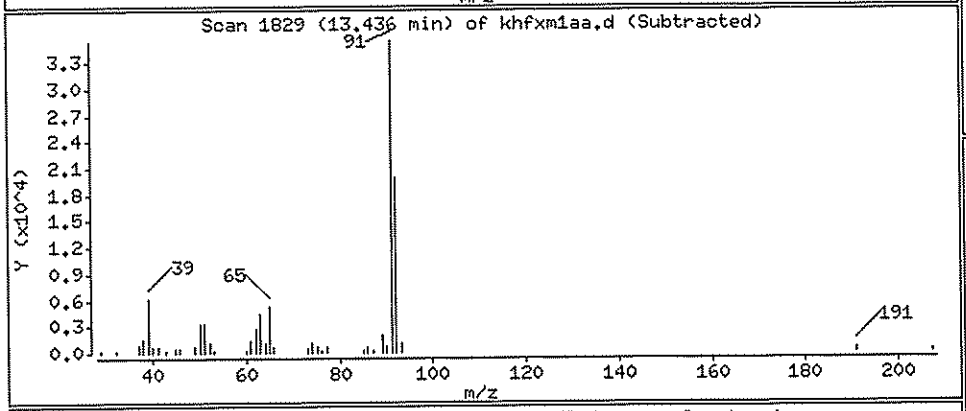
Column diameter: 0.32

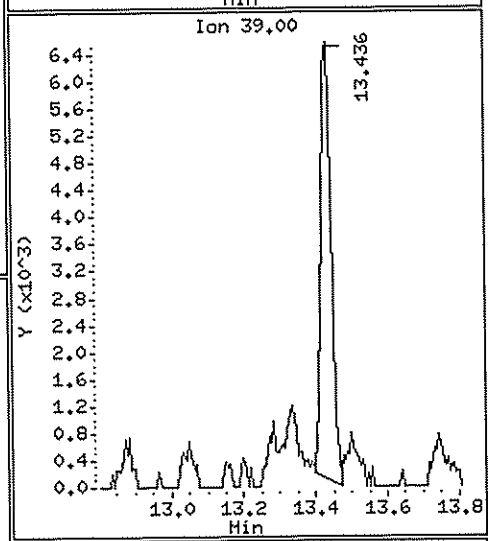
60 trans-1,3-Dichloropropene

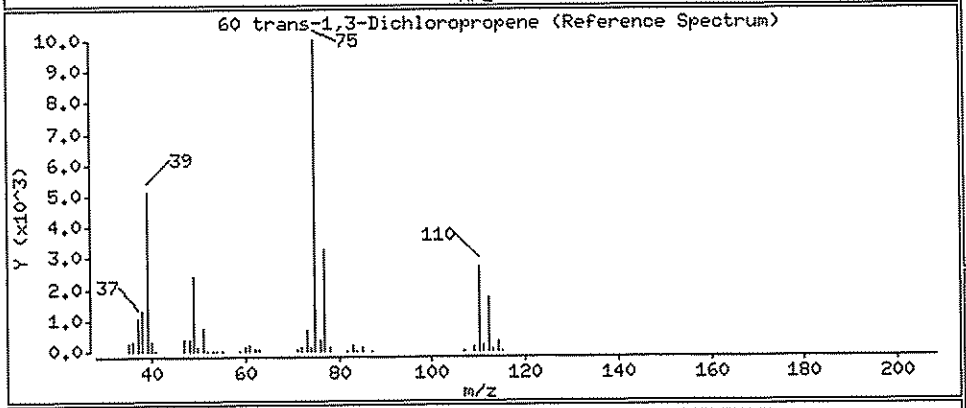
Concentration: 0.02328 ppb(v/v)

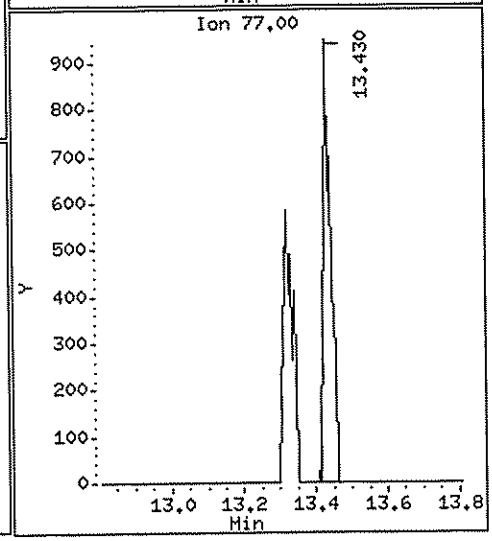


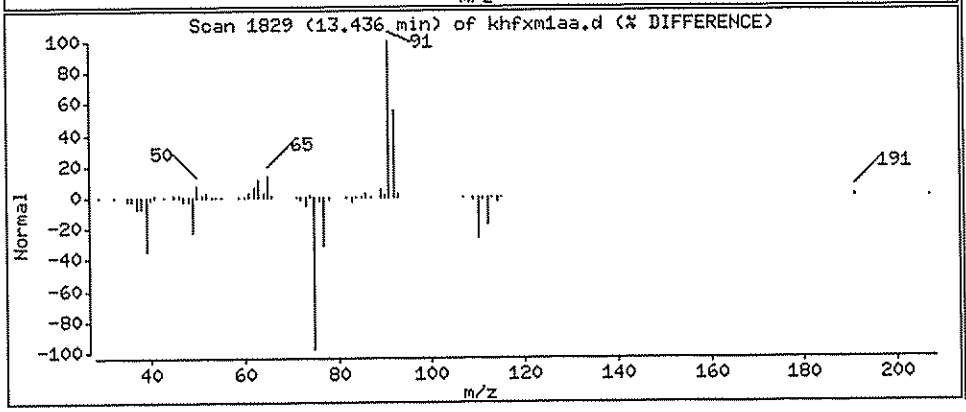












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

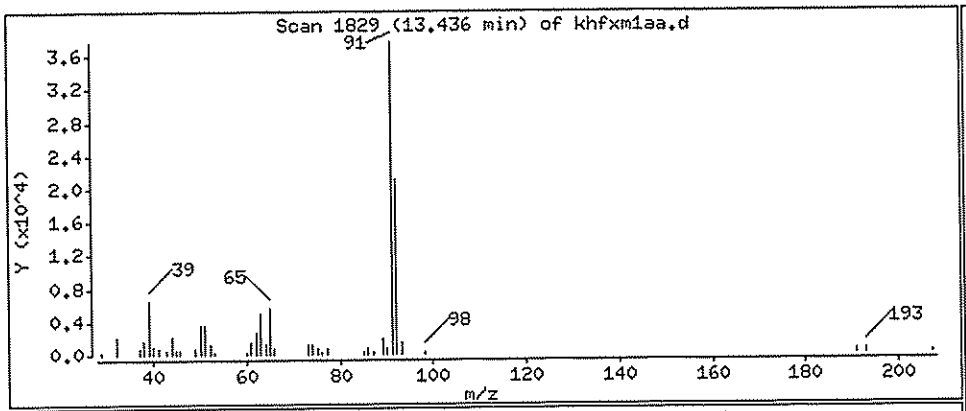
Operator: 7126

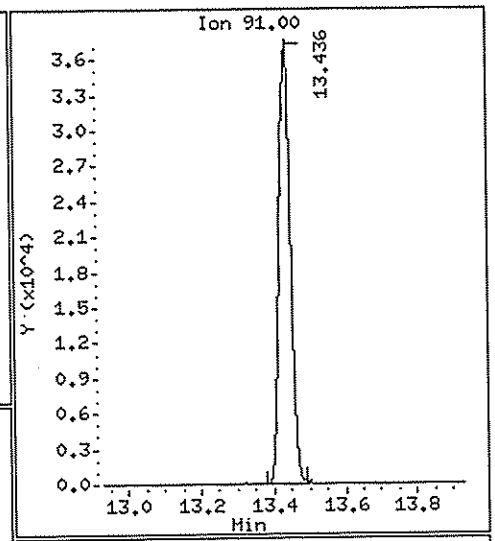
Column phase: HP-5

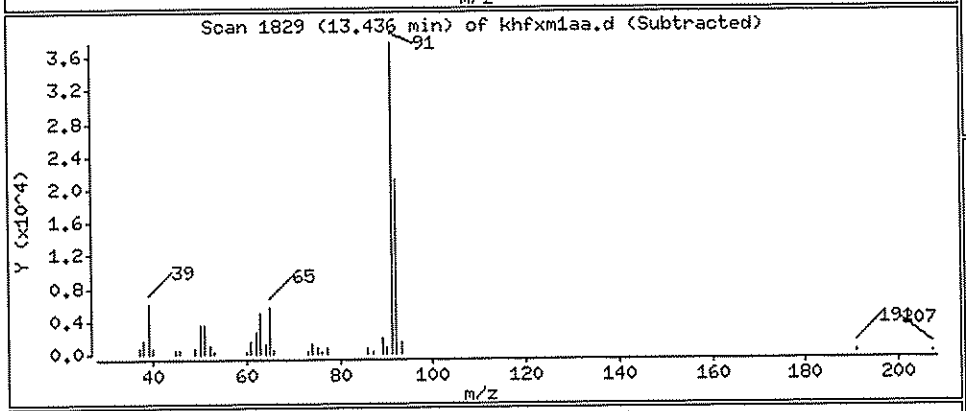
Column diameter: 0.32

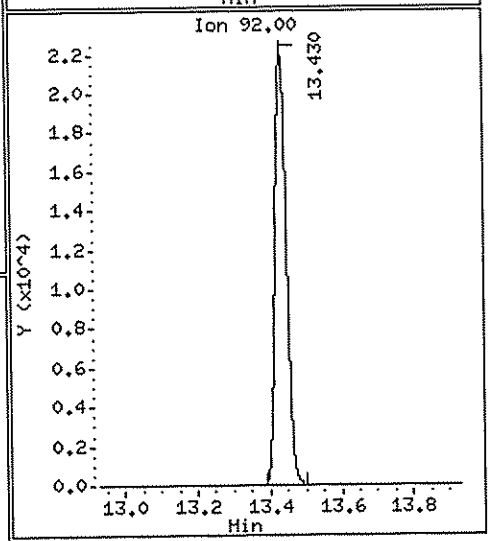
61 Toluene

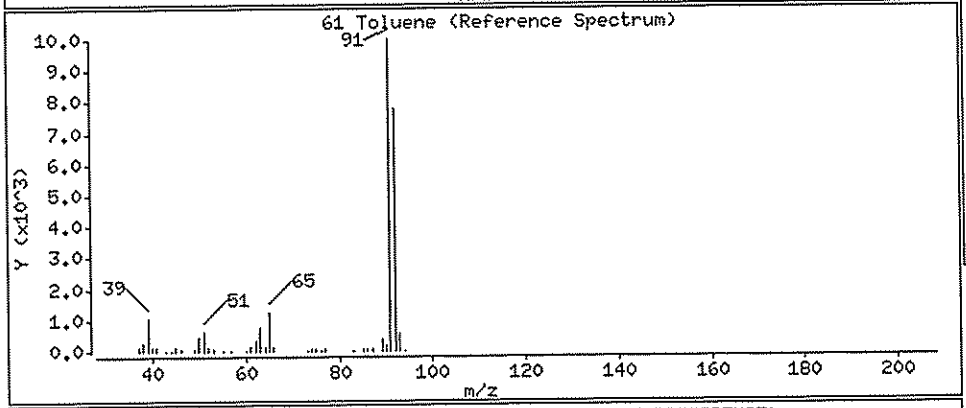
Concentration: 0.8694 ppb(v/v)

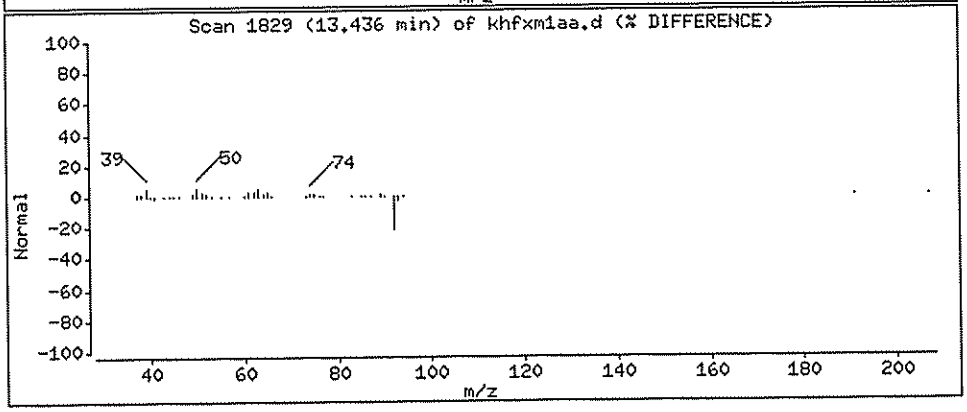












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

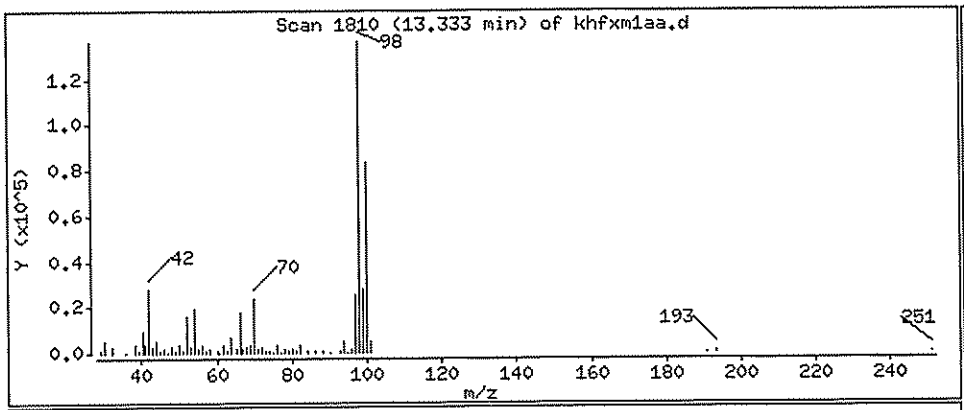
Operator: 7126

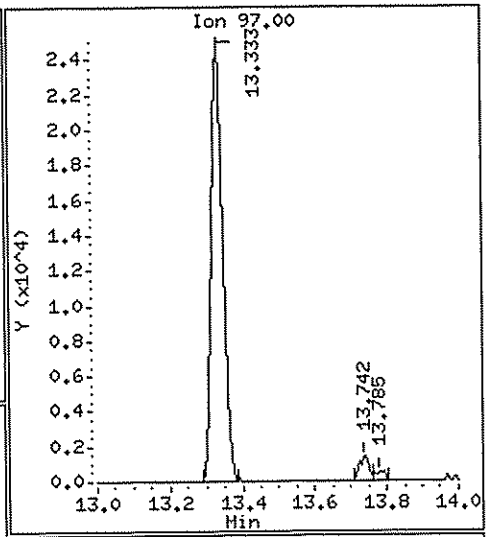
Column phase: HP-5

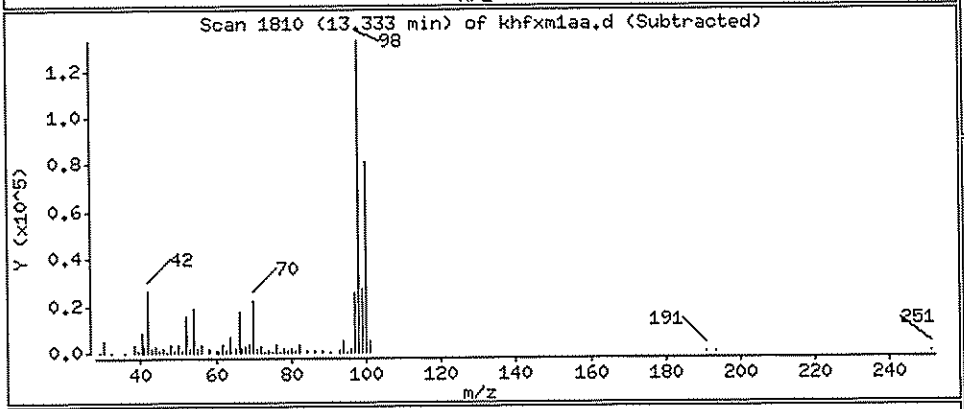
Column diameter: 0.32

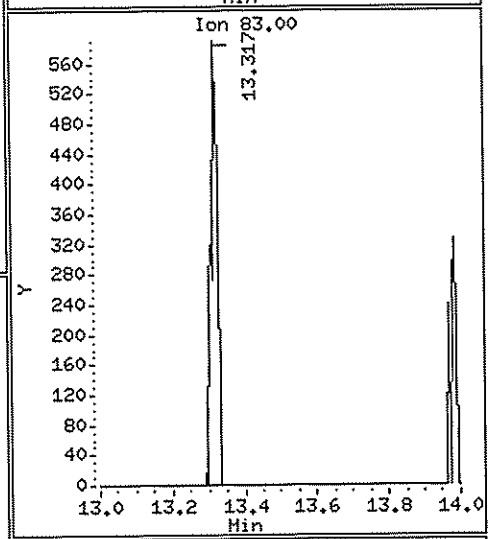
62 1,1,2-Trichloroethane

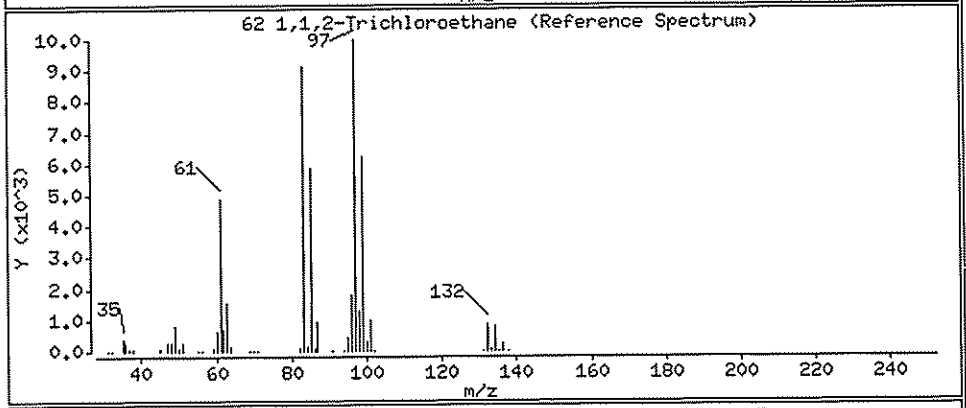
Concentration: 2.148 ppb(v/v)

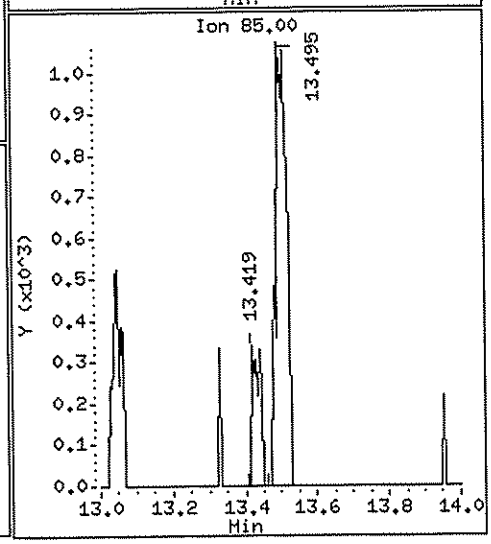


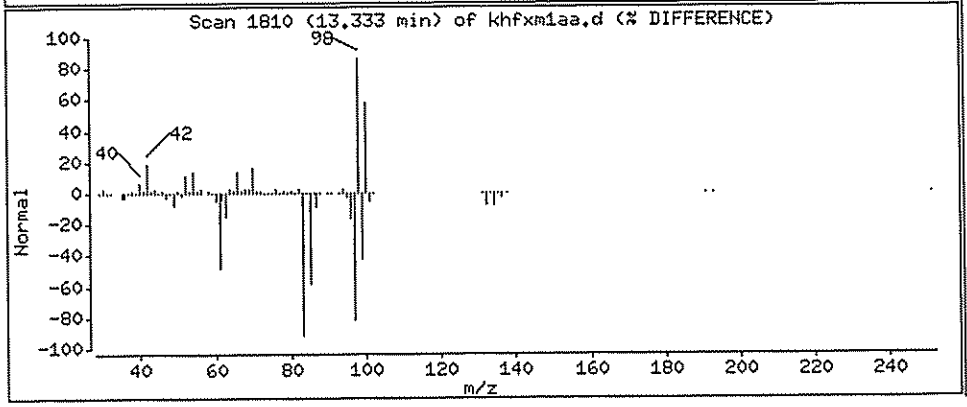












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

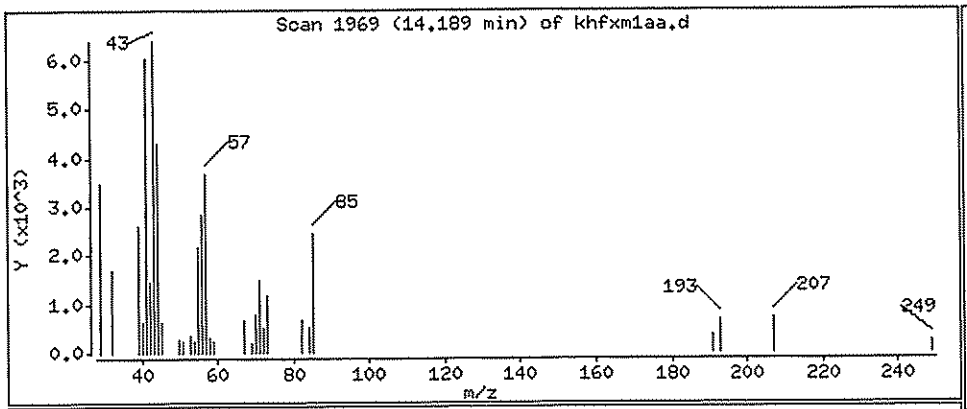
Operator: 7126

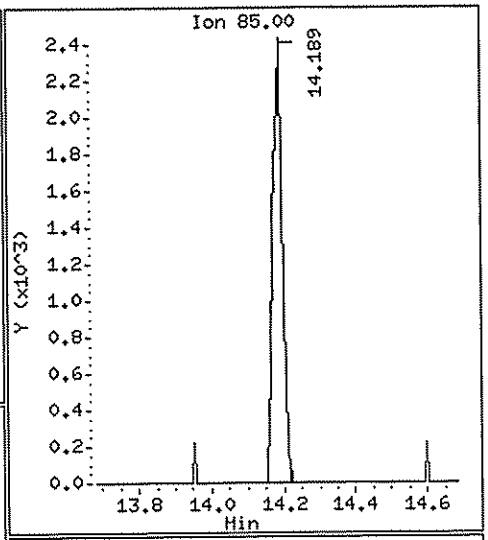
Column phase: HP-5

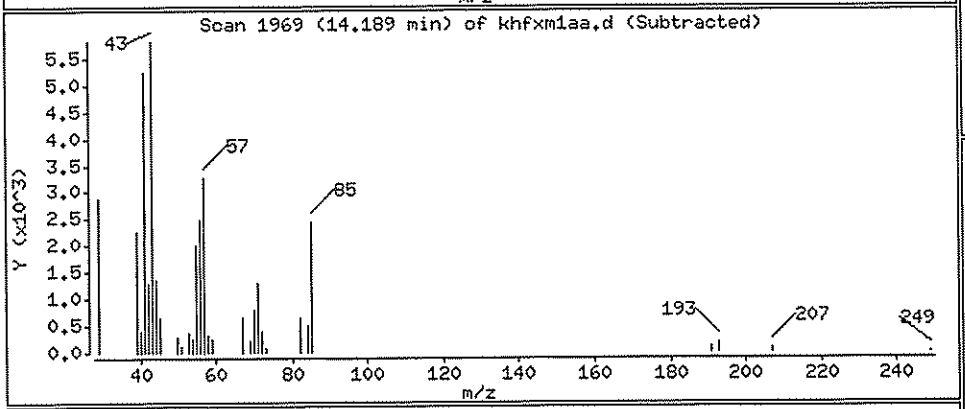
Column diameter: 0.32

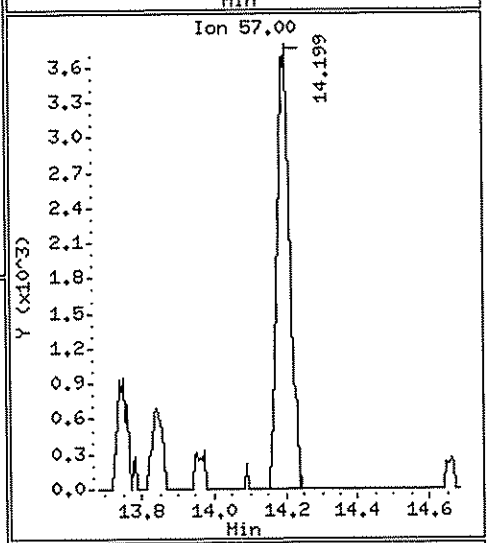
64 Octane

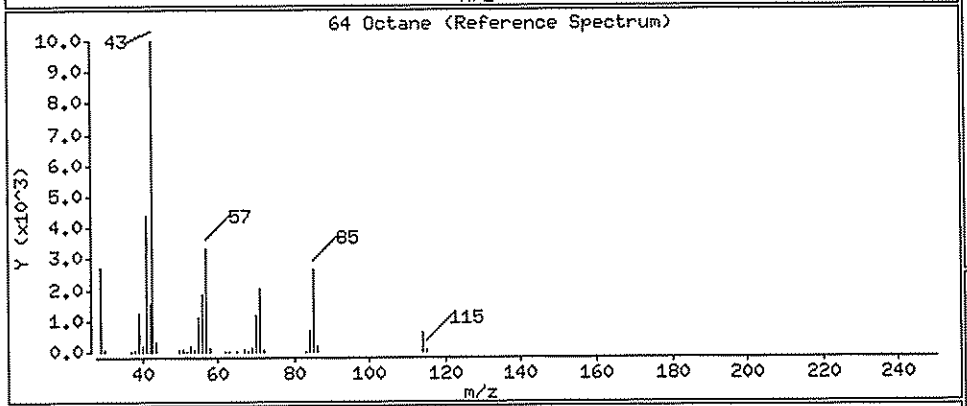
Concentration: 0.1500 ppb(v/v)

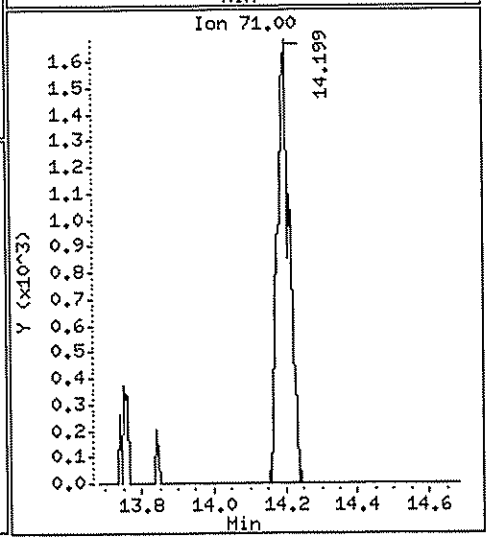


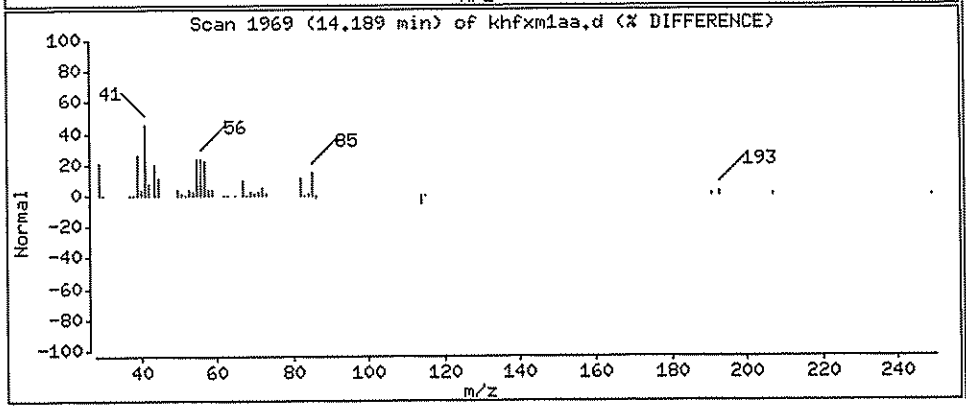












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

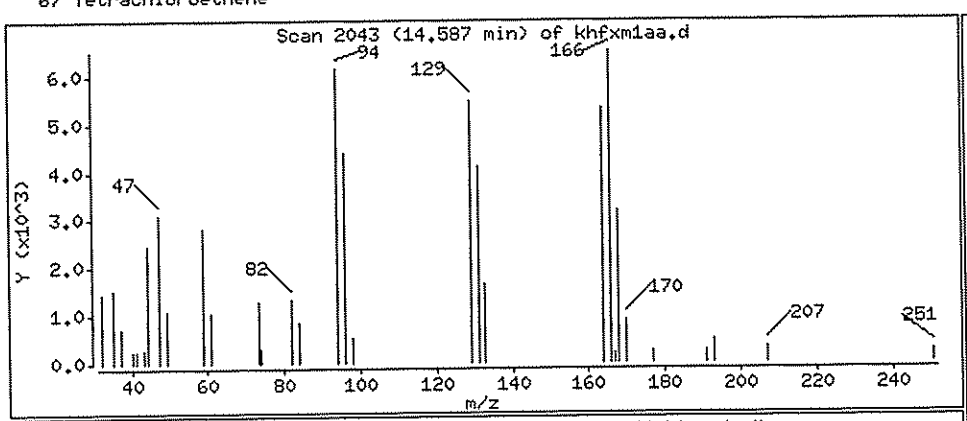
Operator: 7126

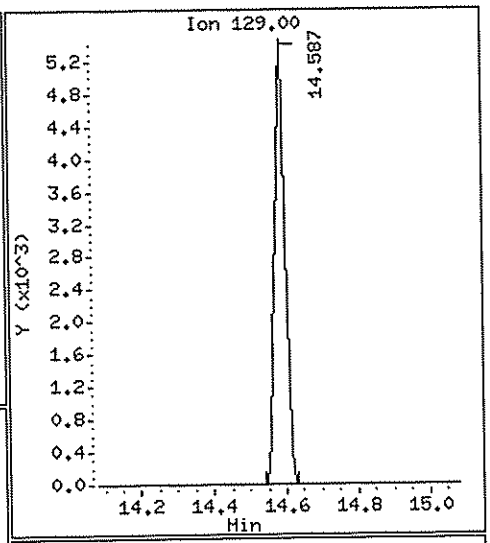
Column phase: HP-5

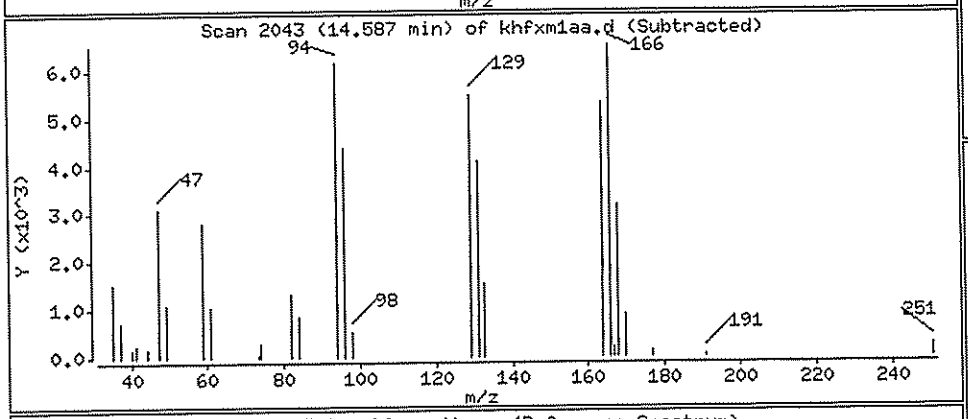
Column diameter: 0.32

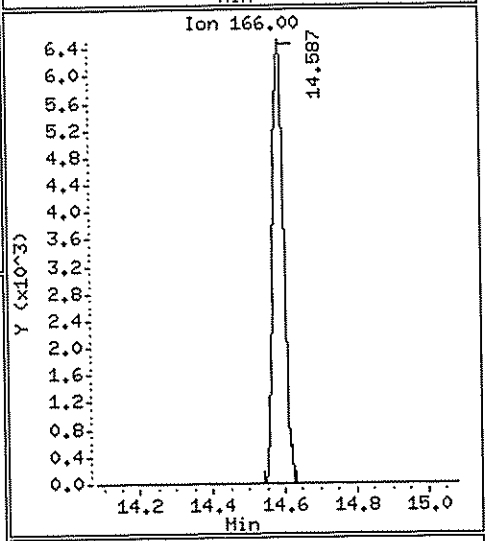
67 Tetrachloroethene

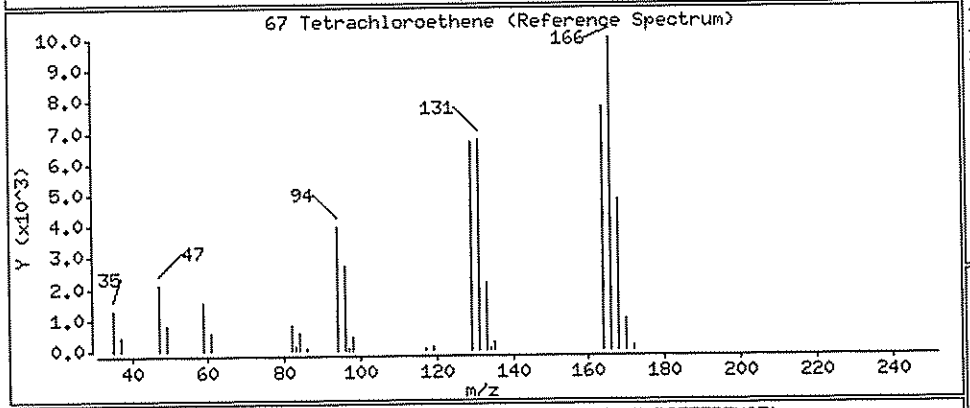
Concentration: 0.2808 ppb(v/v)

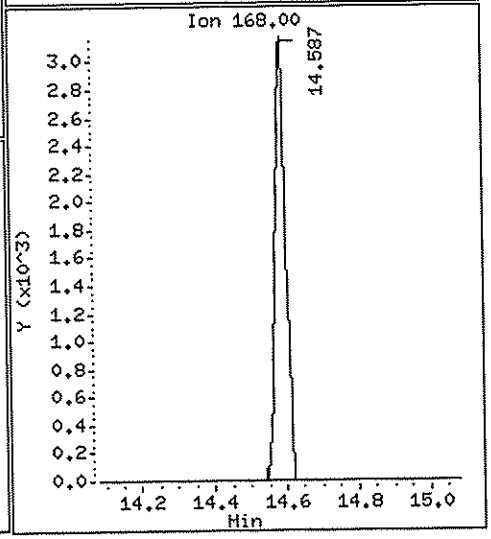


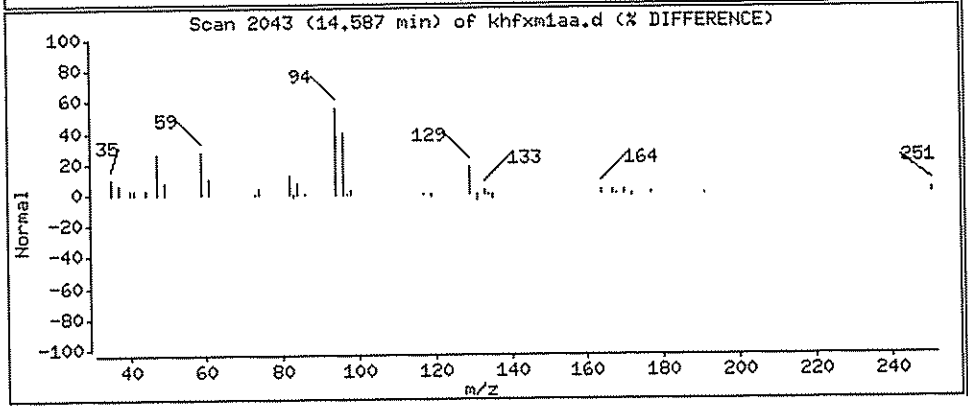












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

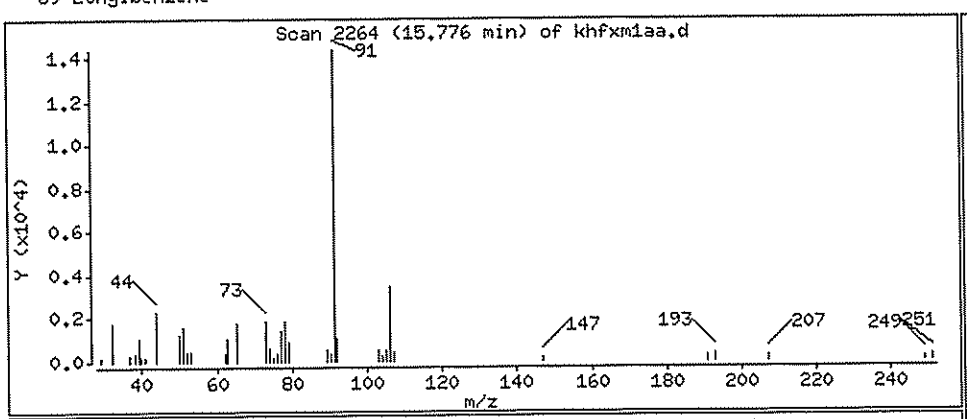
Operator: 7126

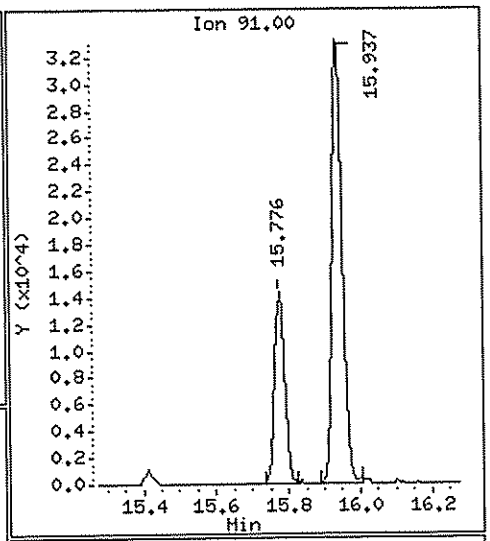
Column phase: HP-5

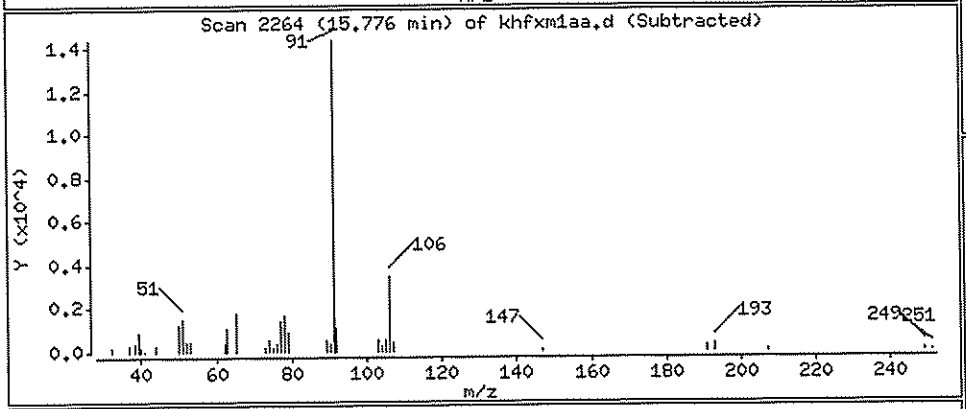
Column diameter: 0.32

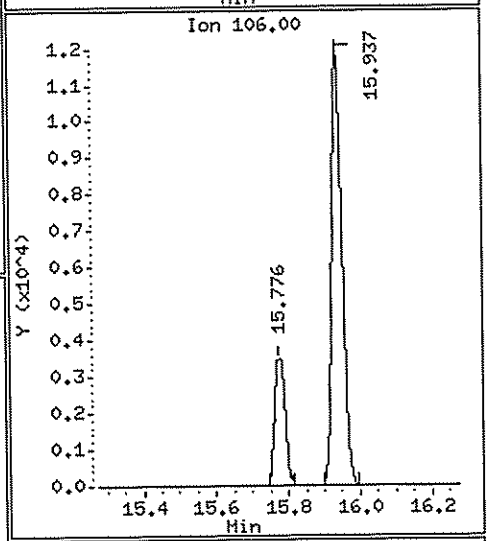
69 Ethylbenzene

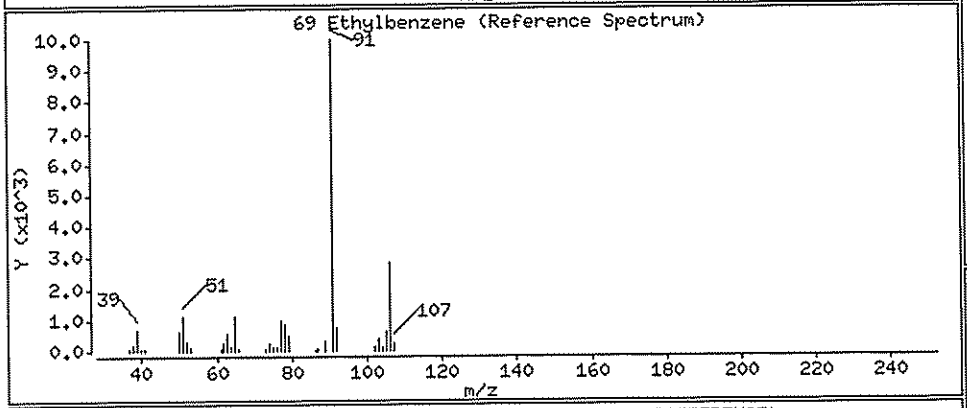
Concentration: 0.2453 ppb(v/v)

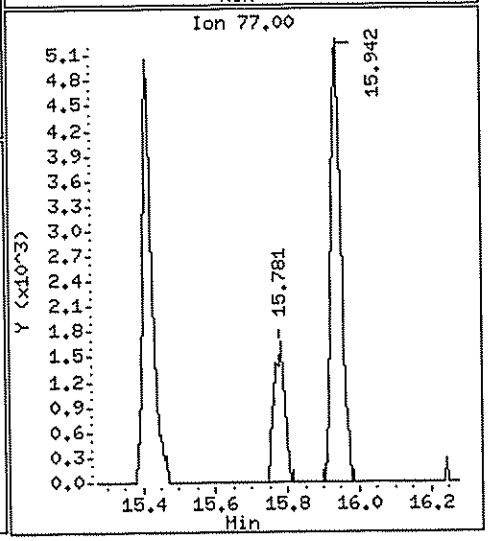


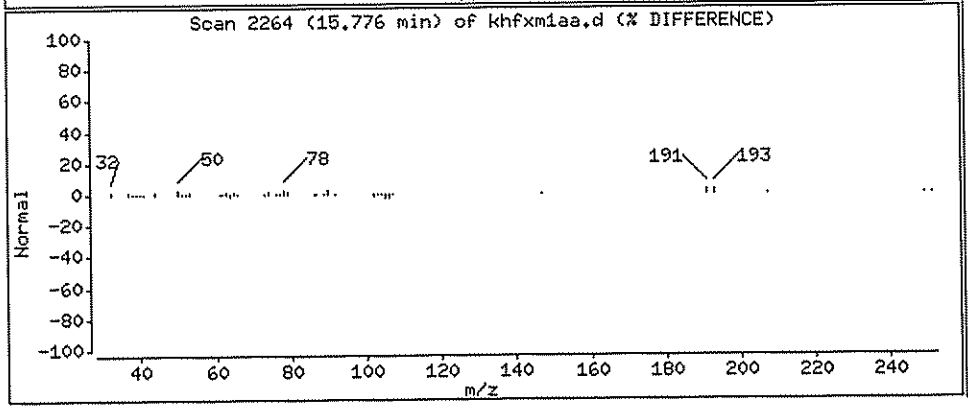












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

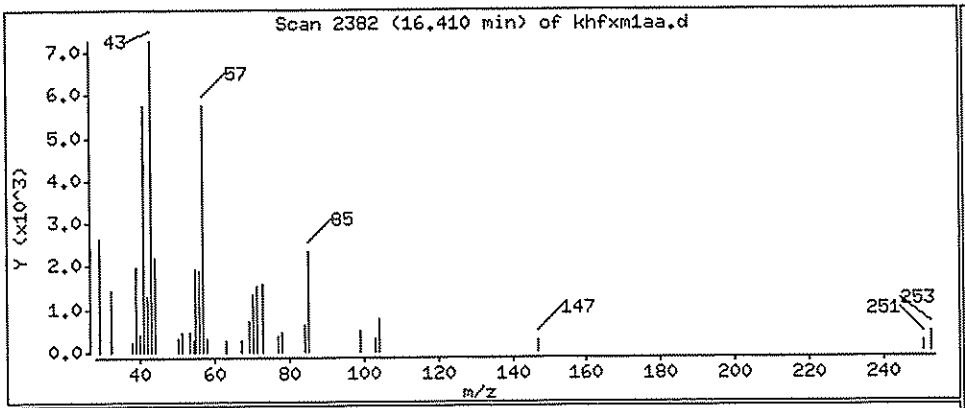
Operator: 7126

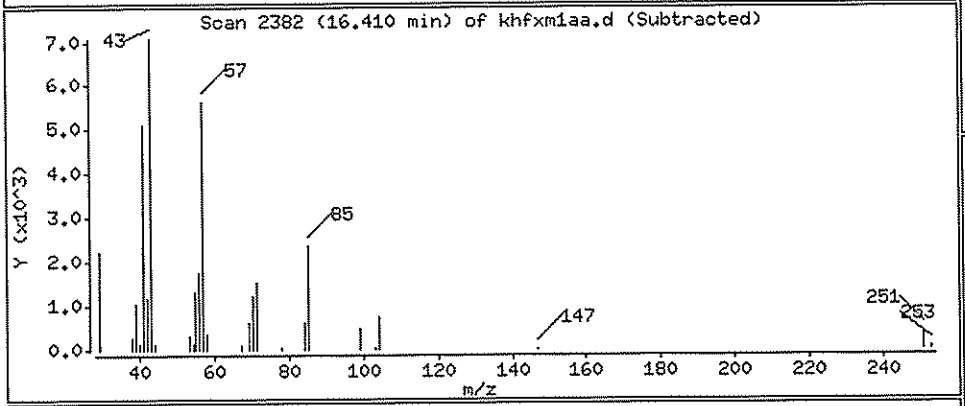
Column phase: HP-5

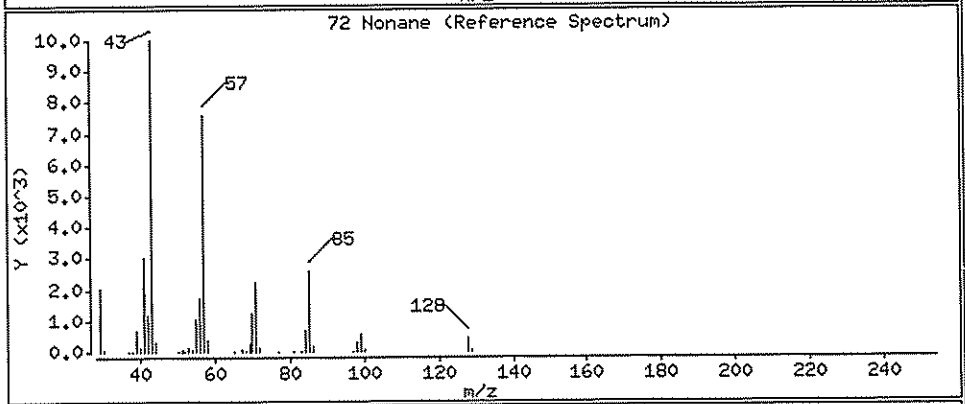
Column diameter: 0.32

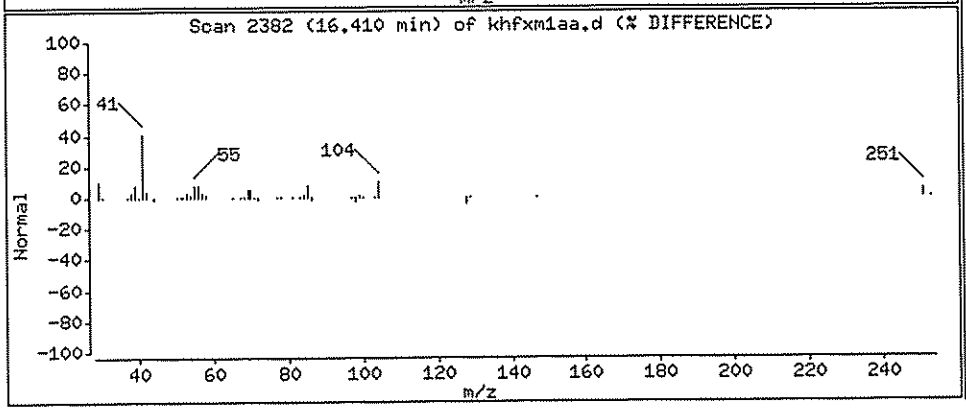
72 Nonane

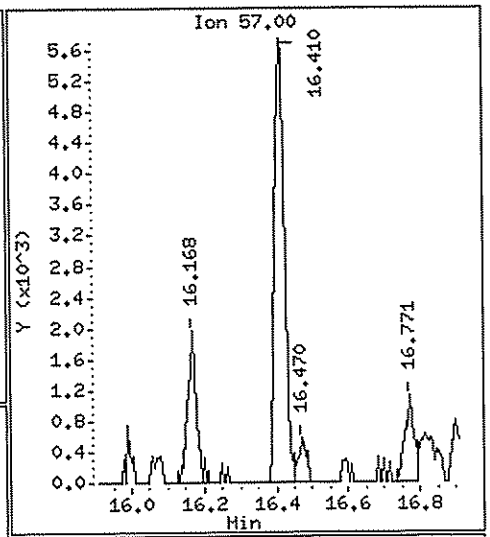
Concentration: 0.2043 ppb(v/v)

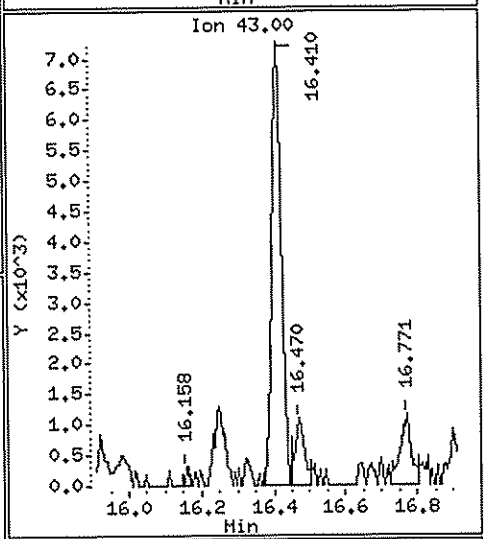


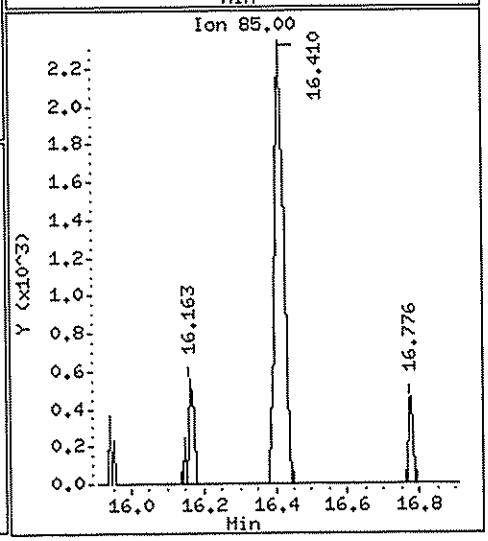












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

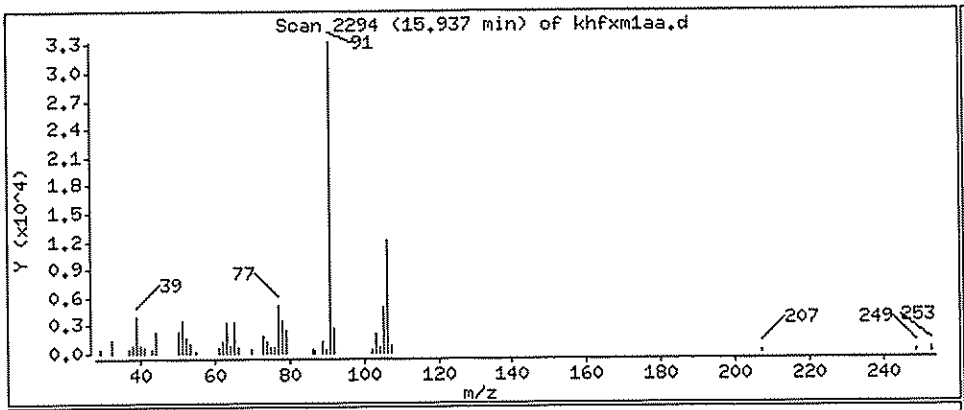
Operator: 7126

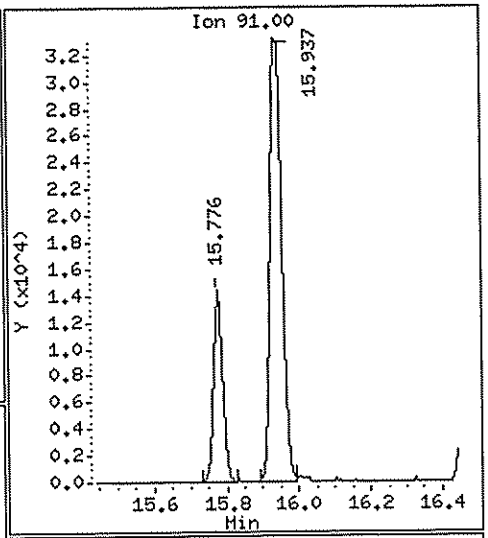
Column phase: HP-5

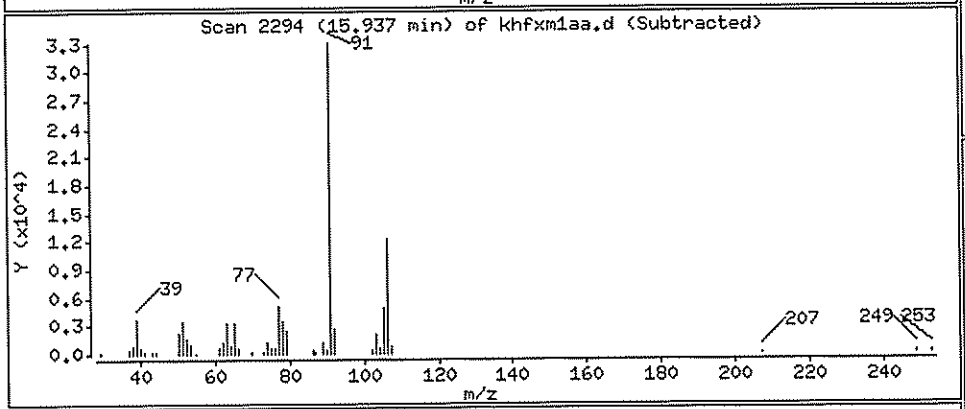
Column diameter: 0.32

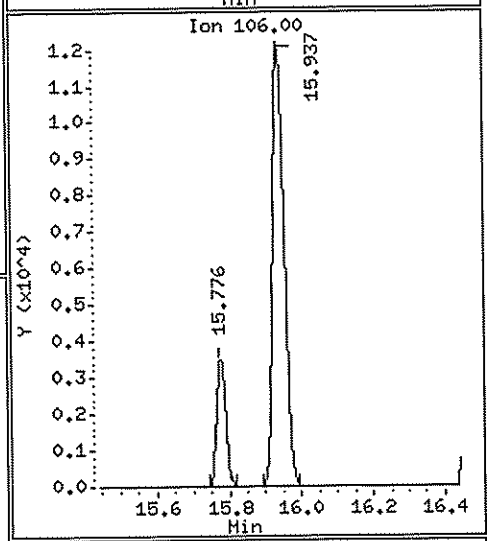
70 m&p-Xylene

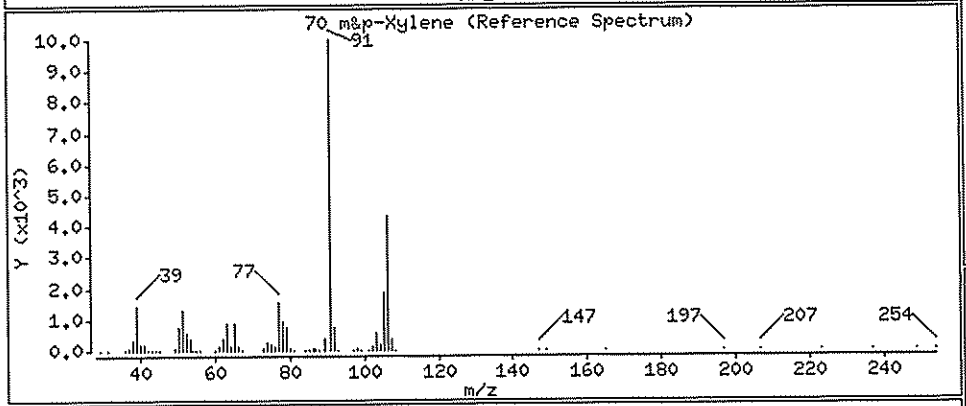
Concentration: 0.7810 ppb(v/v)

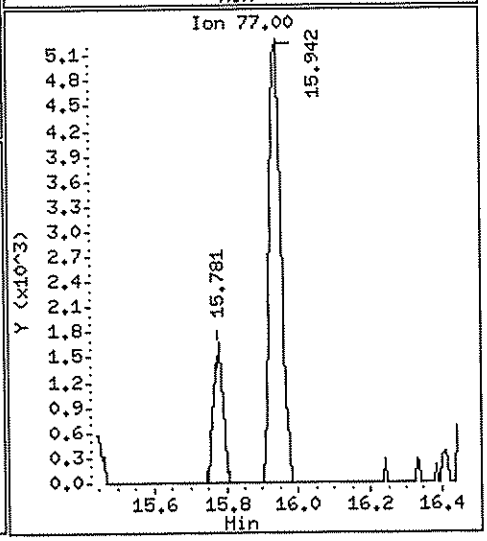


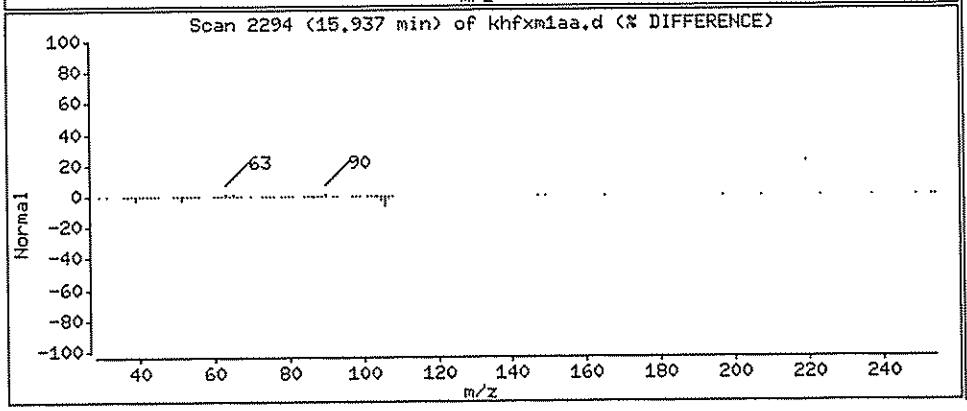












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

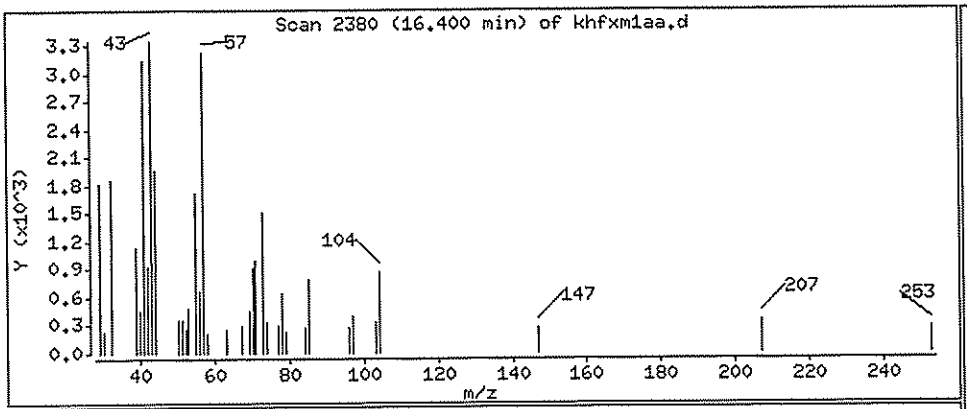
Operator: 7126

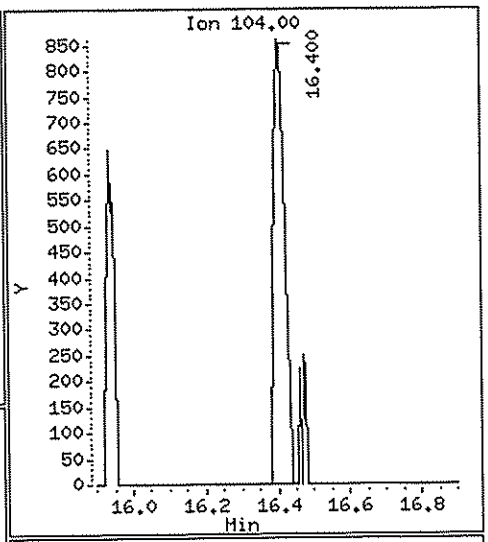
Column phase: HP-5

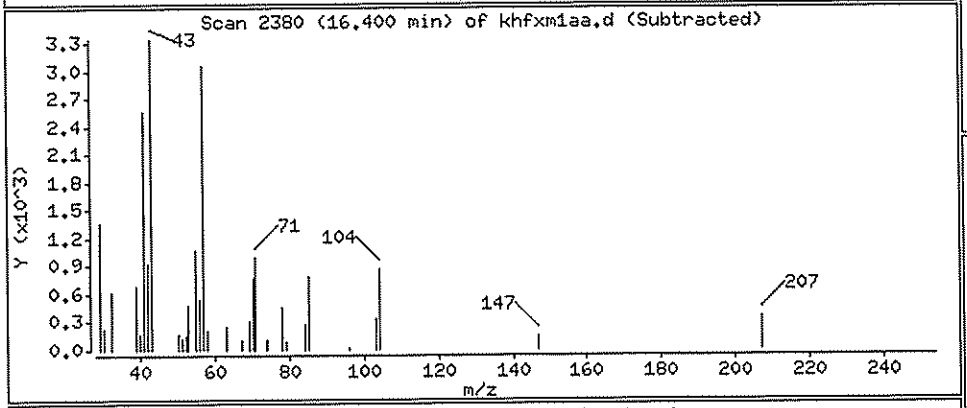
Column diameter: 0.32

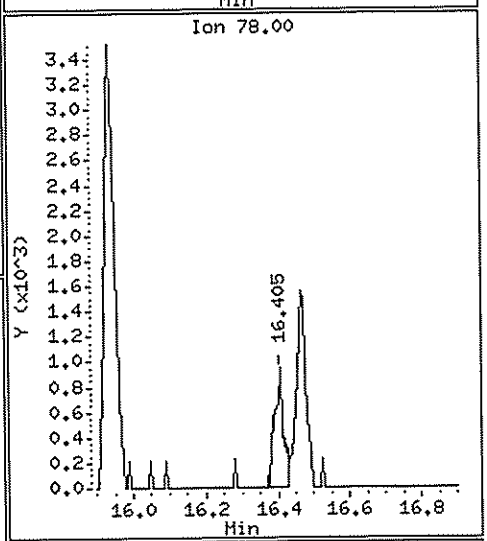
73 Styrene

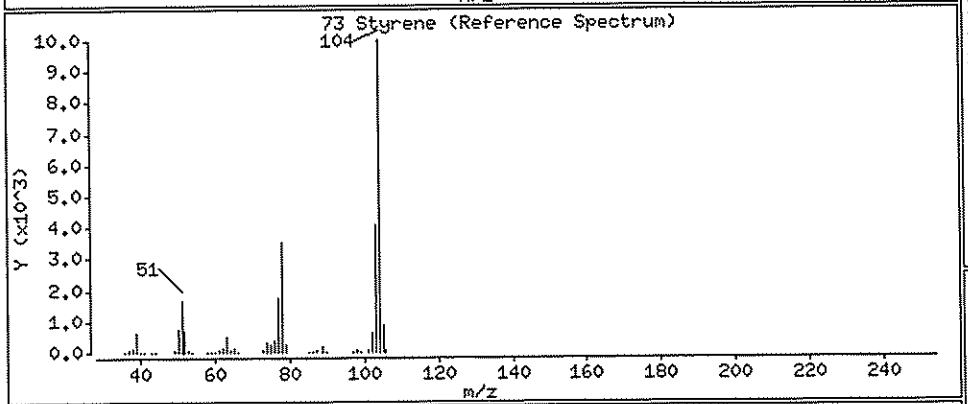
Concentration: 0.03216 ppb(v/v)

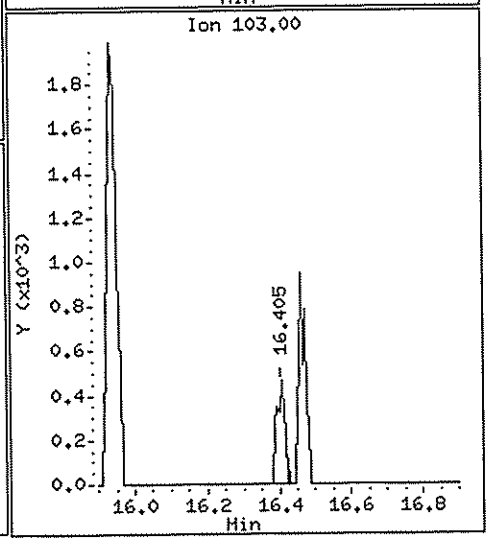


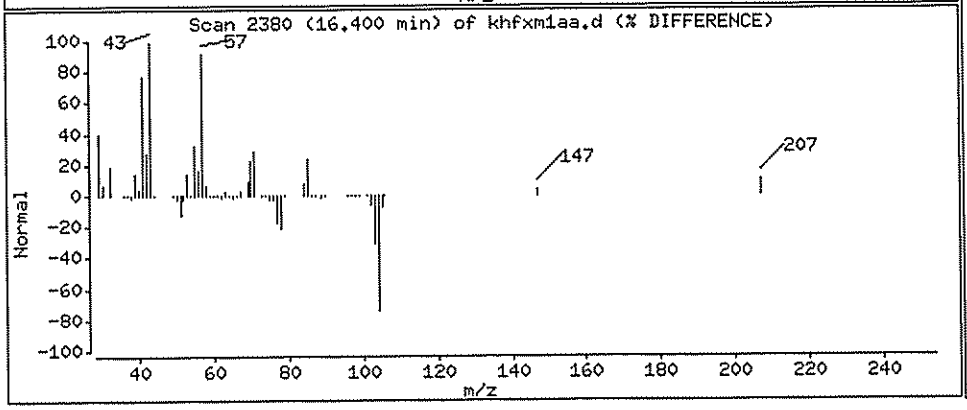












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

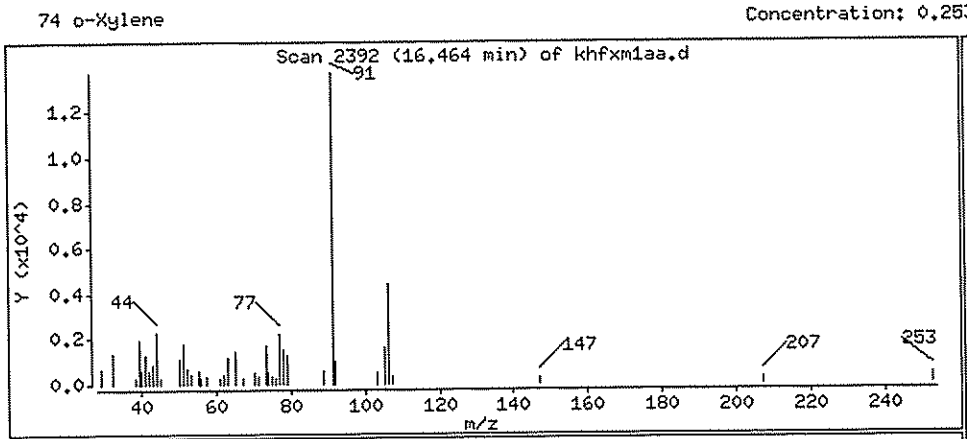
Operator: 7126

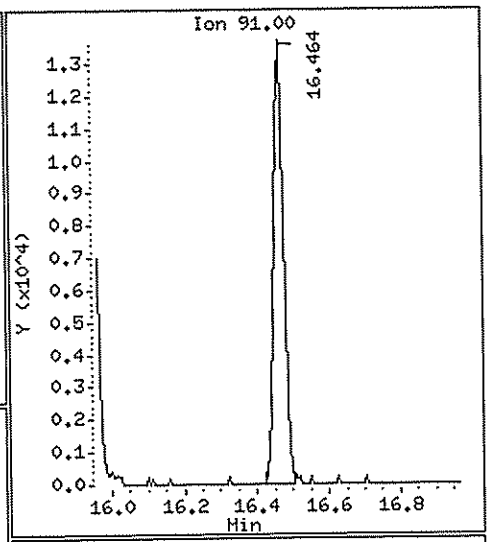
Column phase: HP-5

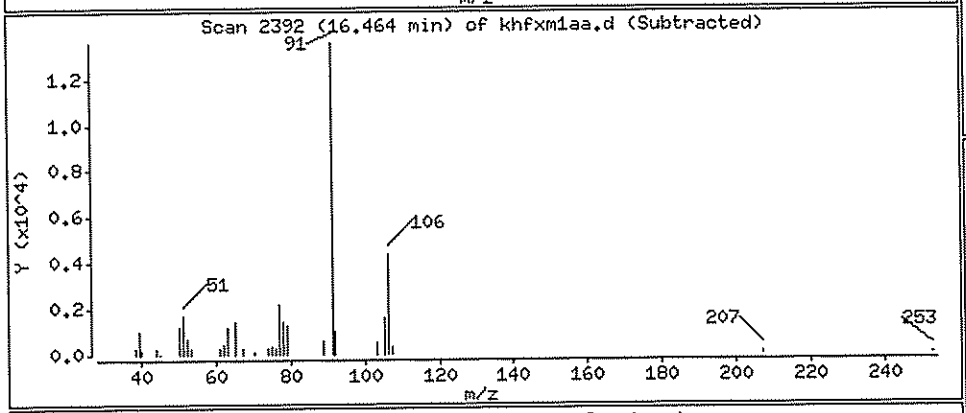
Column diameter: 0.32

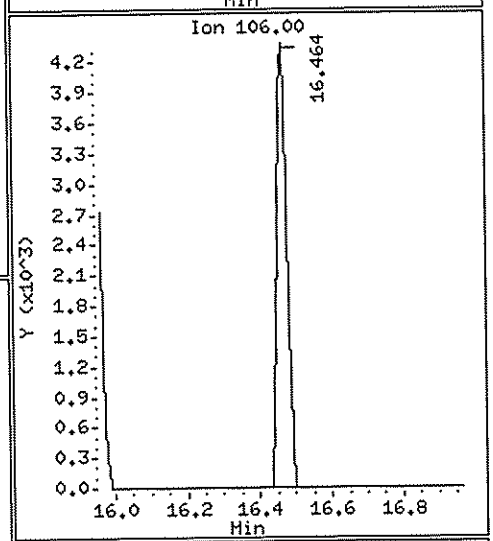
74 o-Xylene

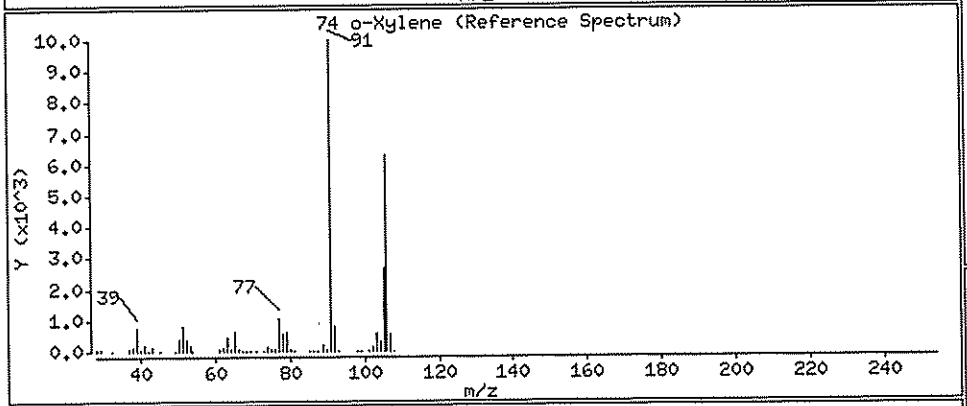
Concentration: 0.2530 ppb(v/v)

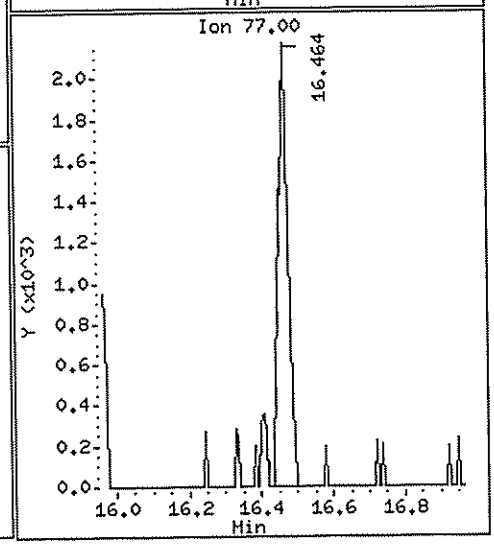


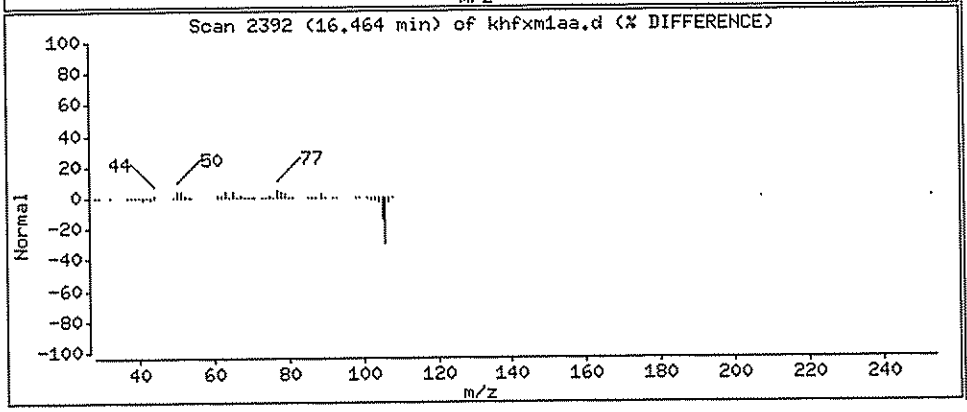












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

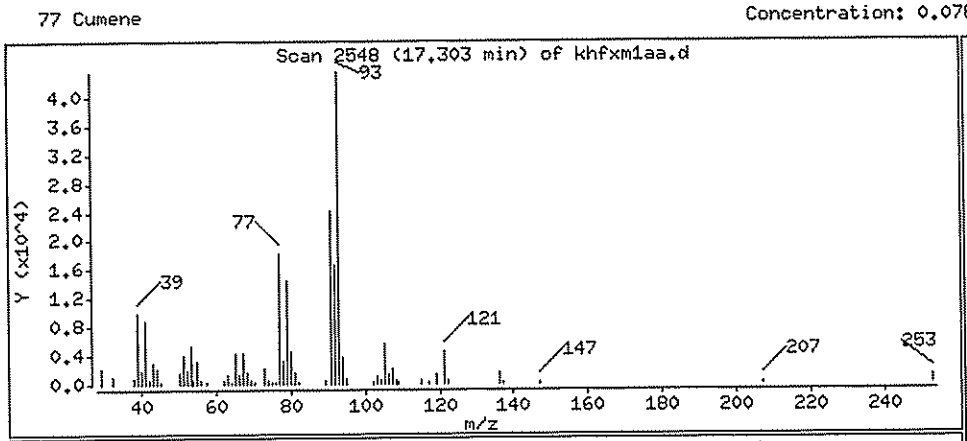
Operator: 7126

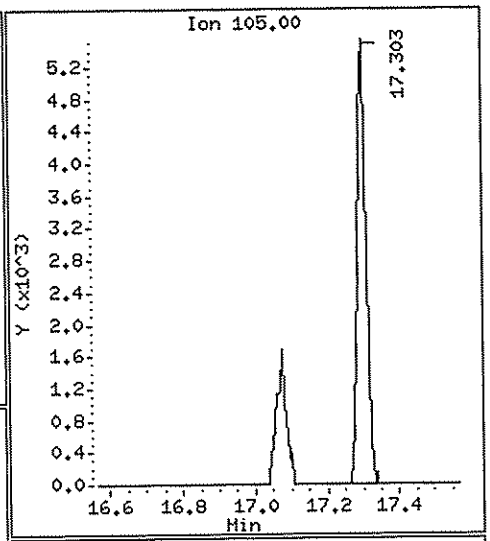
Column phase: HP-5

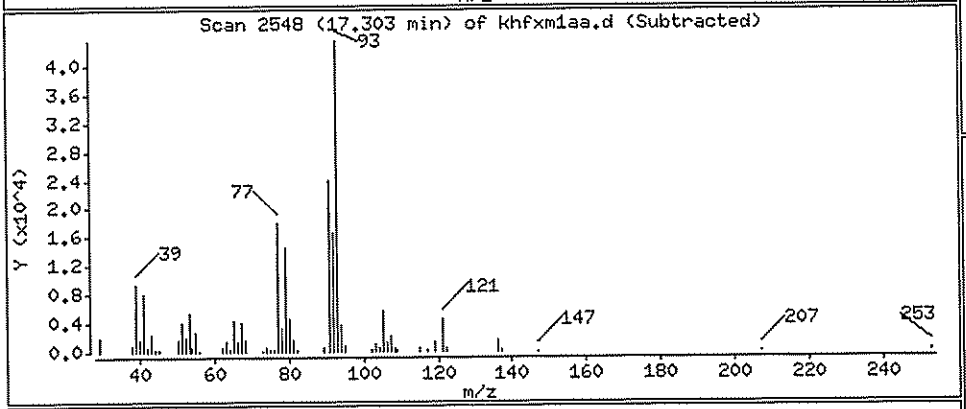
Column diameter: 0.32

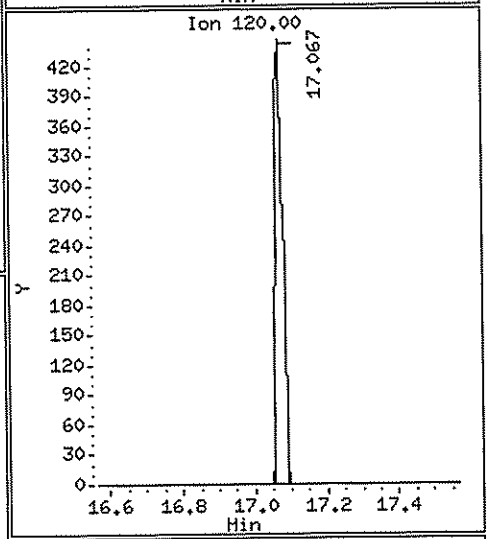
77 Cumene

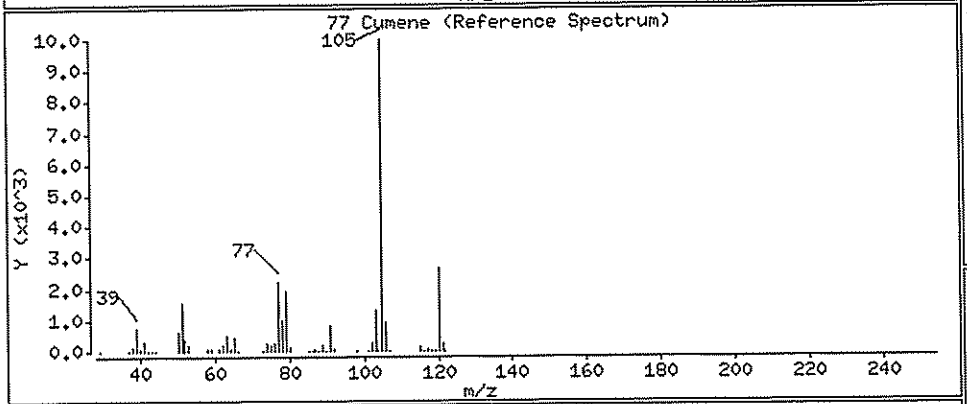
Concentration: 0.07877 ppb(v/v)

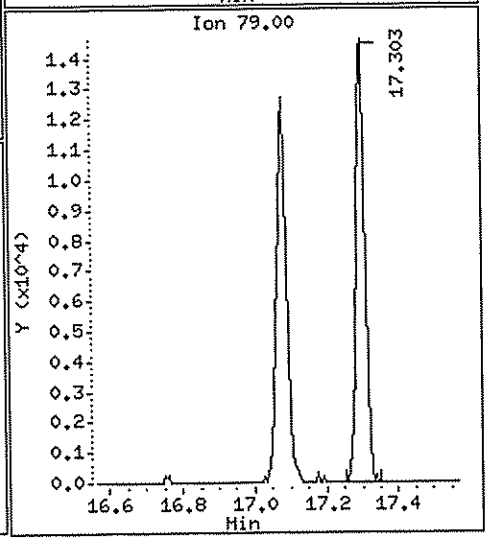


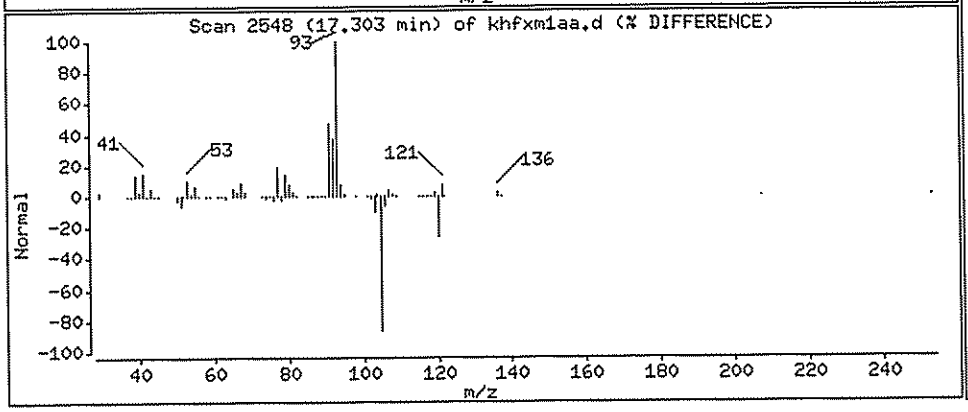












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

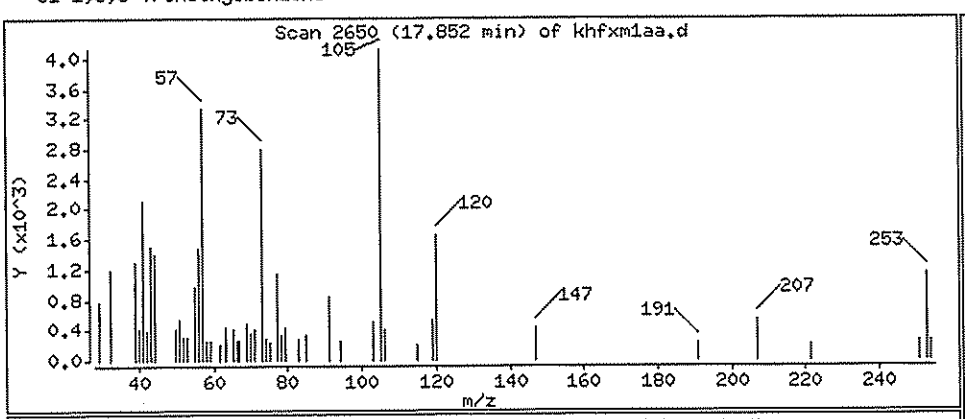
Operator: 7126

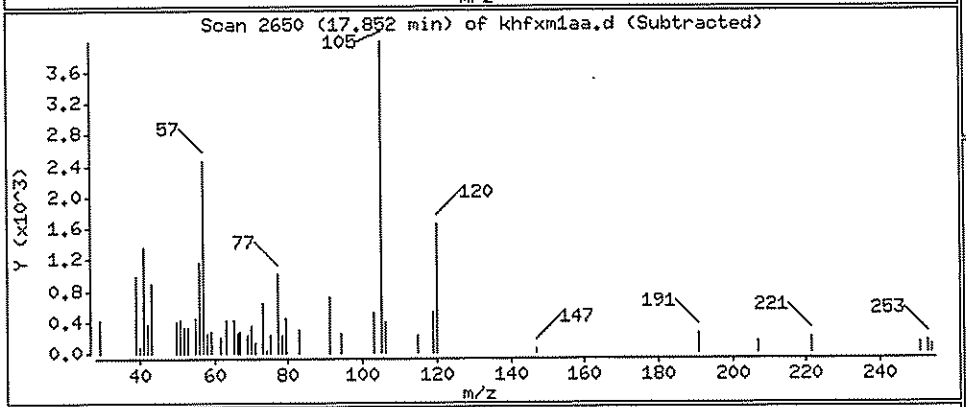
Column phase: HP-5

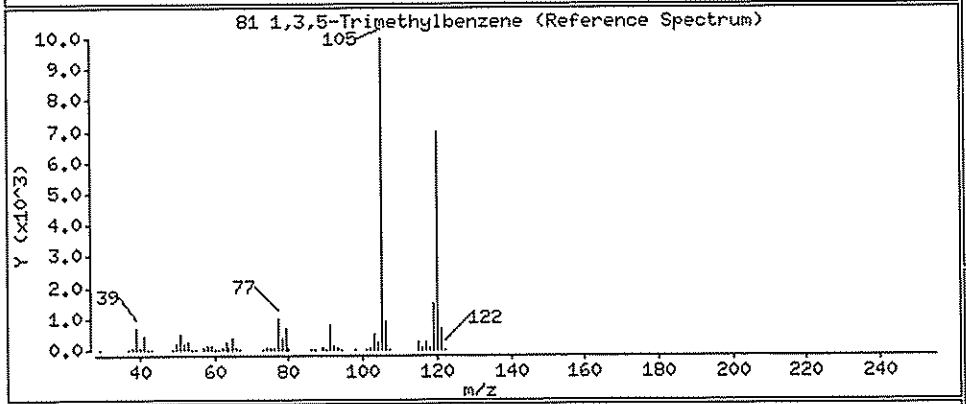
Column diameter: 0.32

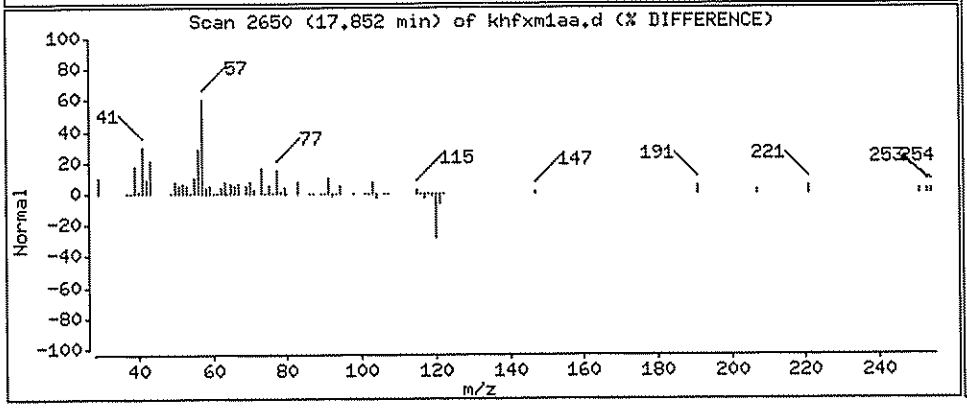
81 1,3,5-Trimethylbenzene

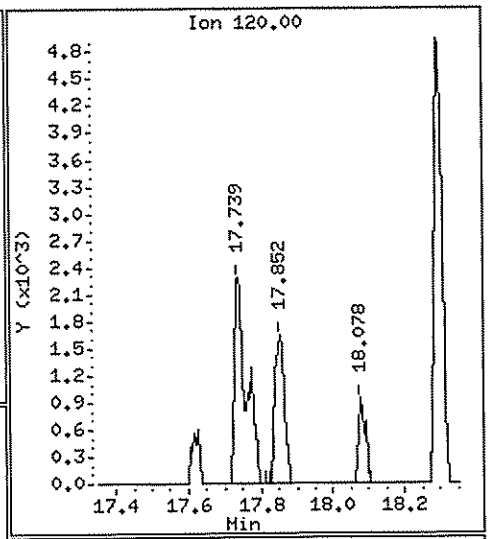
Concentration: 0.06585 ppb(v/v)

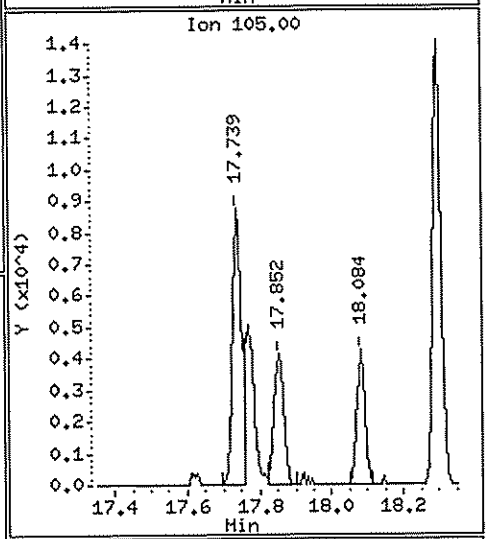


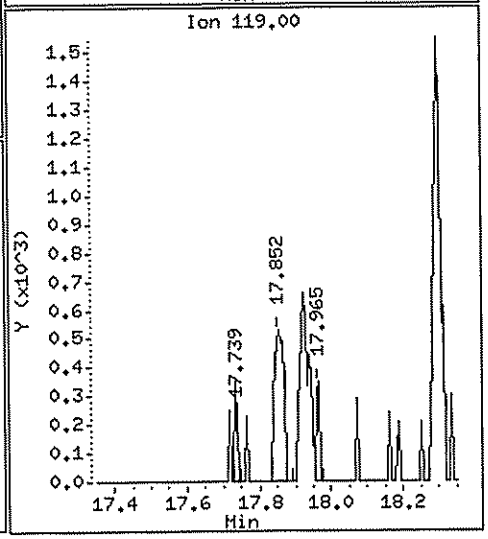












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

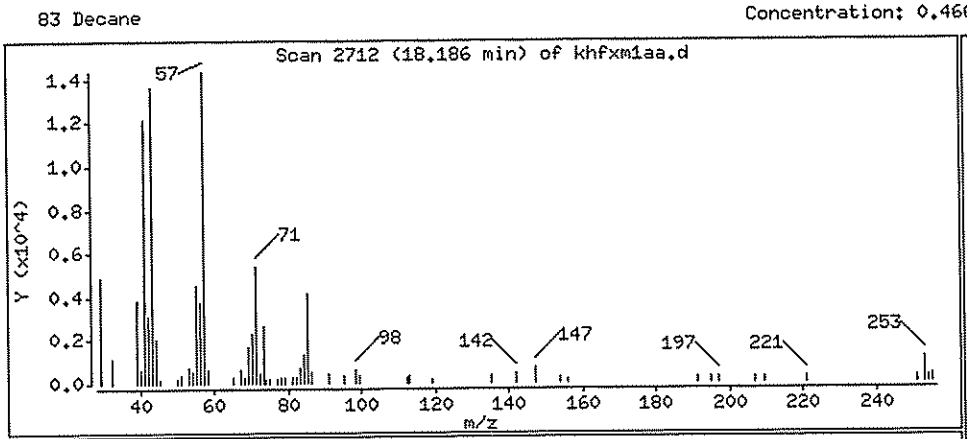
Operator: 7126

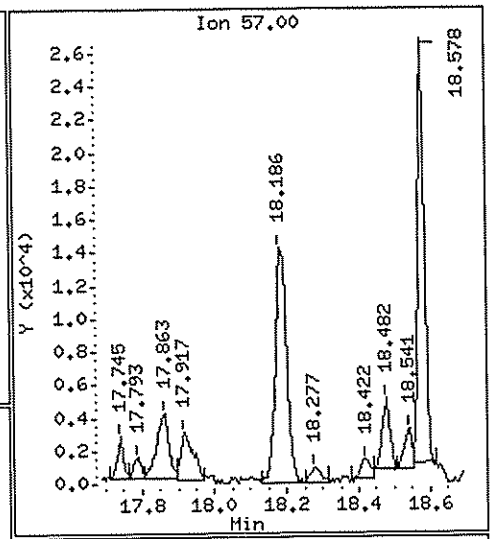
Column phase: HP-5

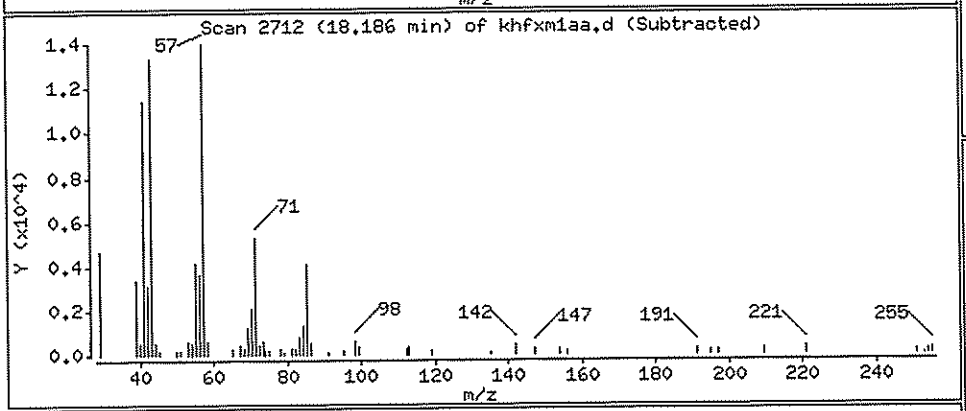
Column diameter: 0.32

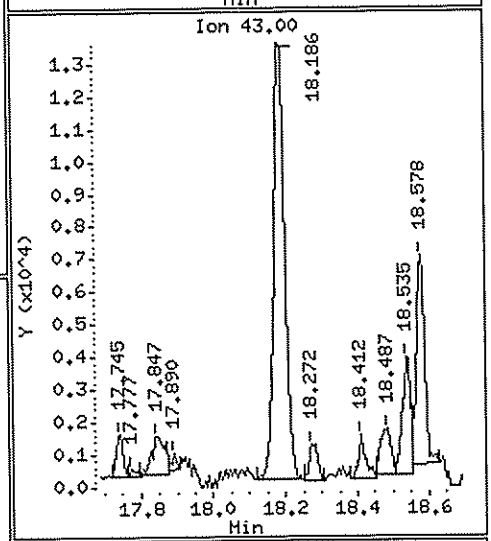
83 Decane

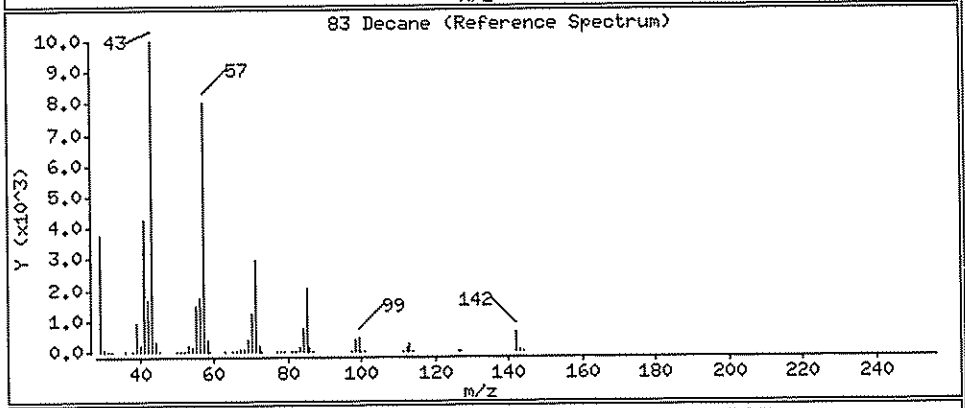
Concentration: 0.4669 ppb(v/v)

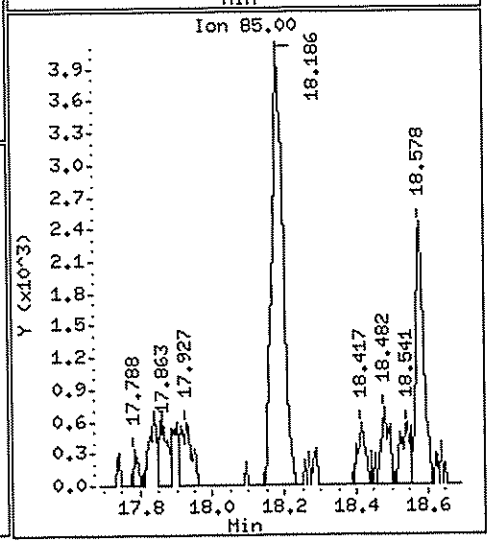


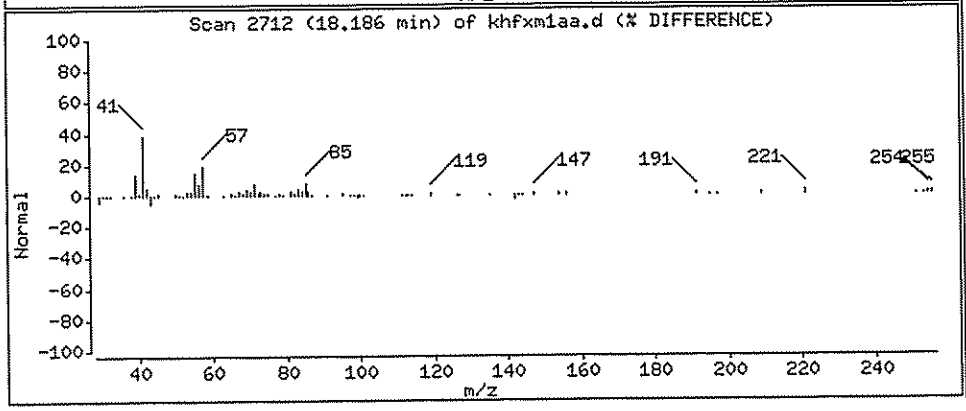












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

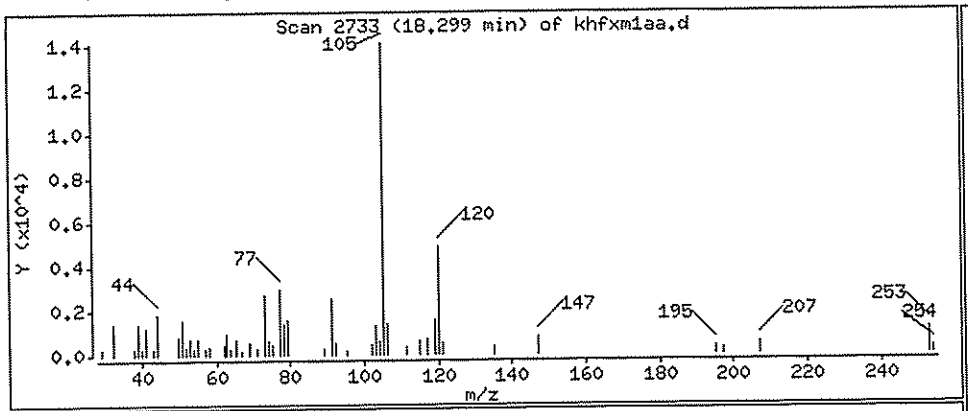
Operator: 7126

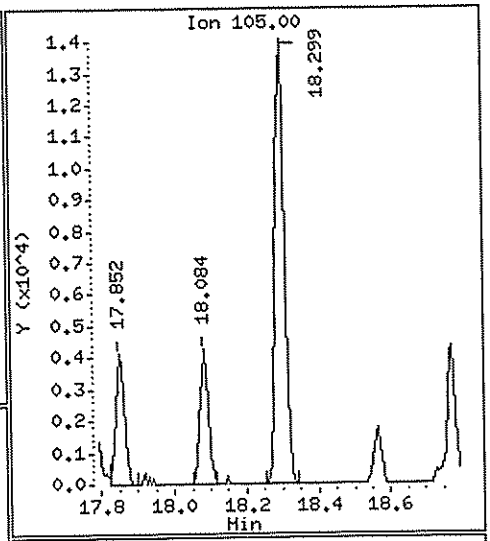
Column phase: HP-5

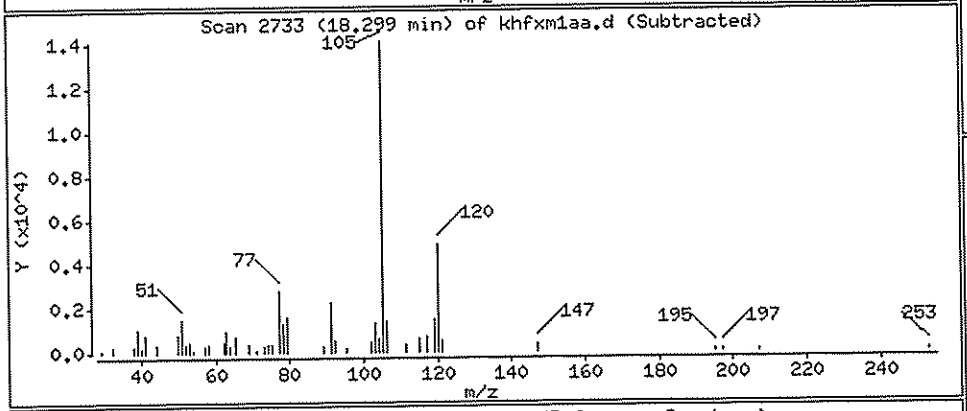
Column diameter: 0.32

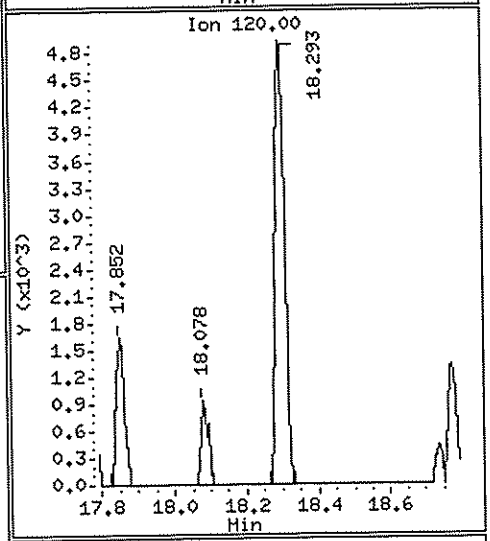
85 1,2,4-Trimethylbenzene

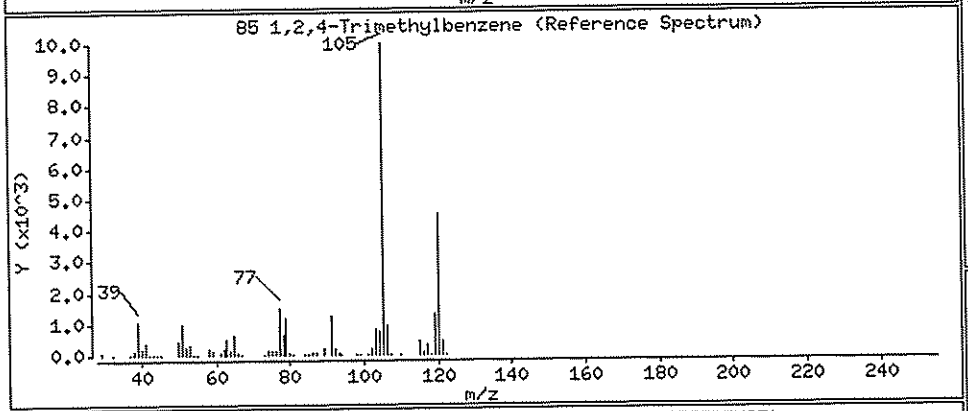
Concentration: 0.2096 ppb(v/v)

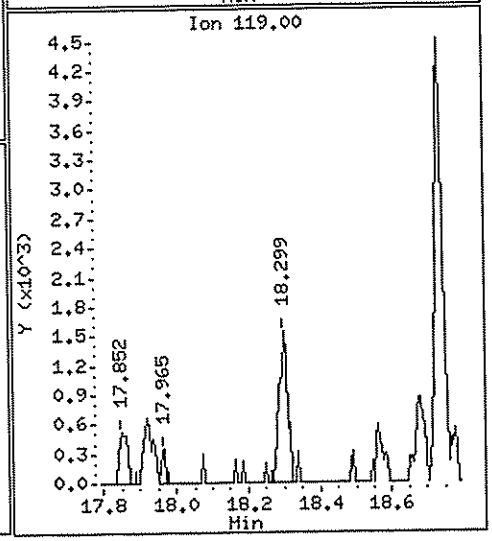


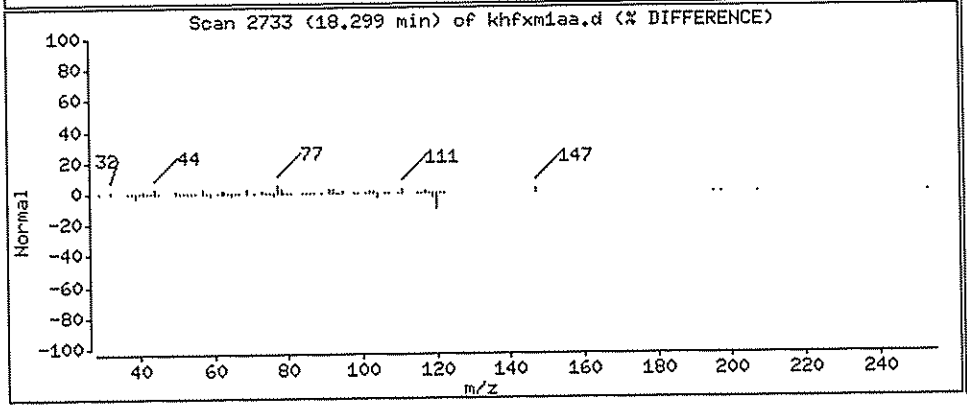












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

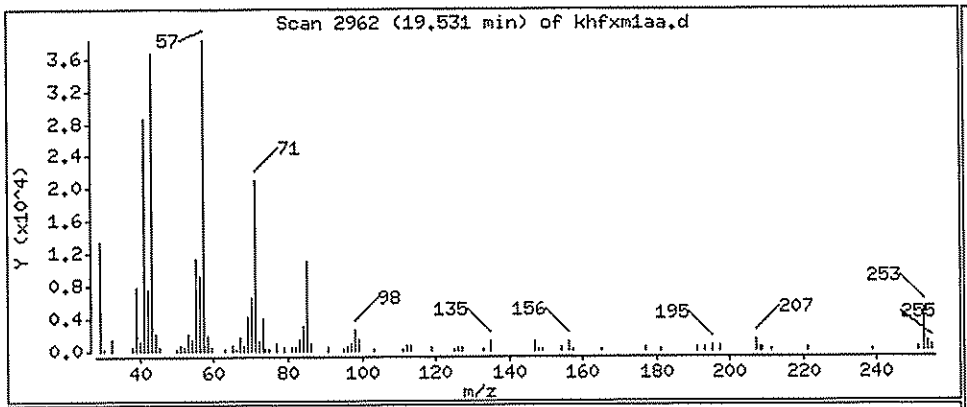
Operator: 7126

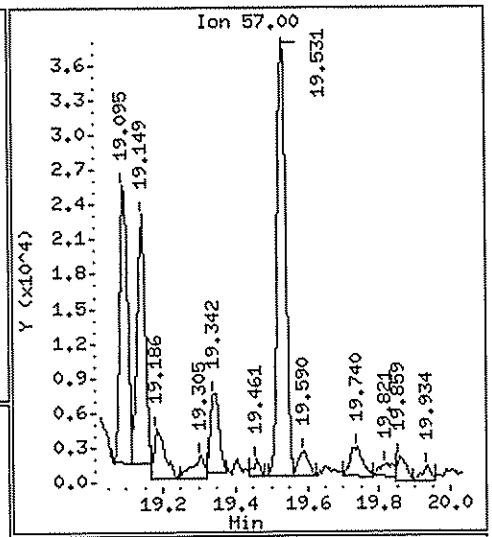
Column phase: HP-5

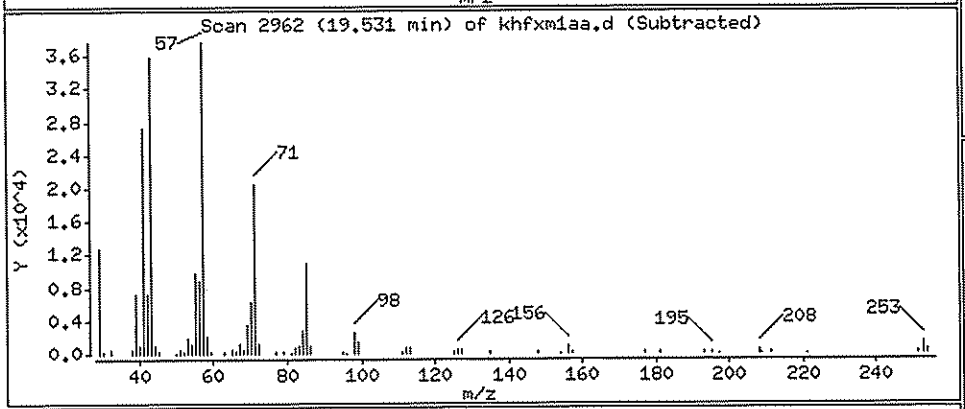
Column diameter: 0.32

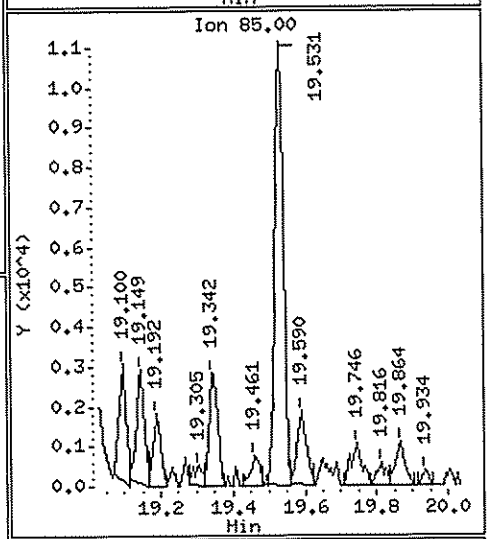
93 Undecane

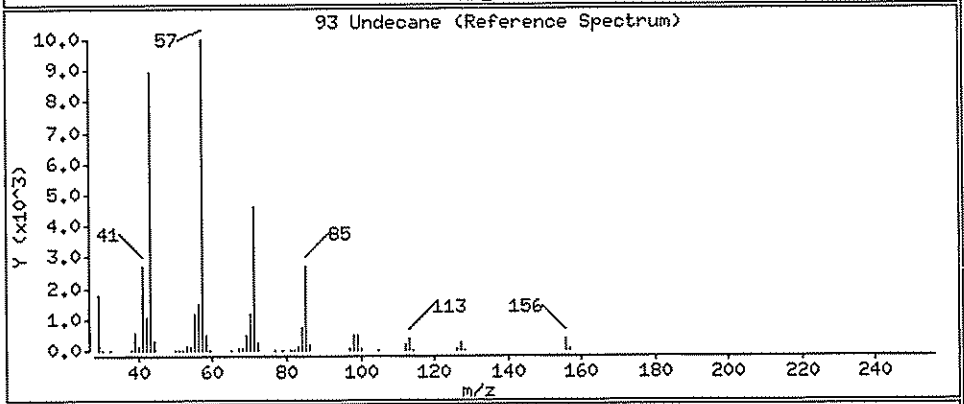
Concentration: 0.7518 ppb(v/v)

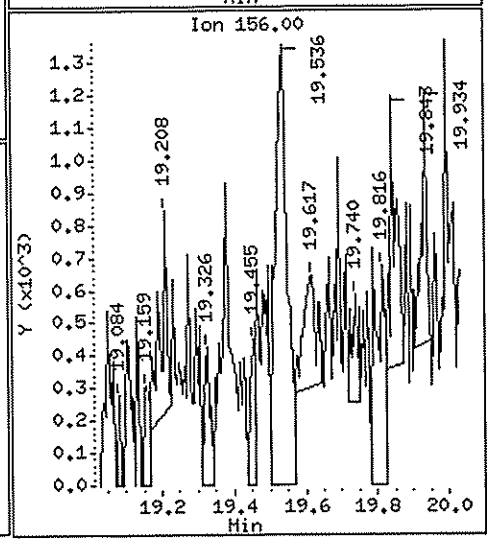


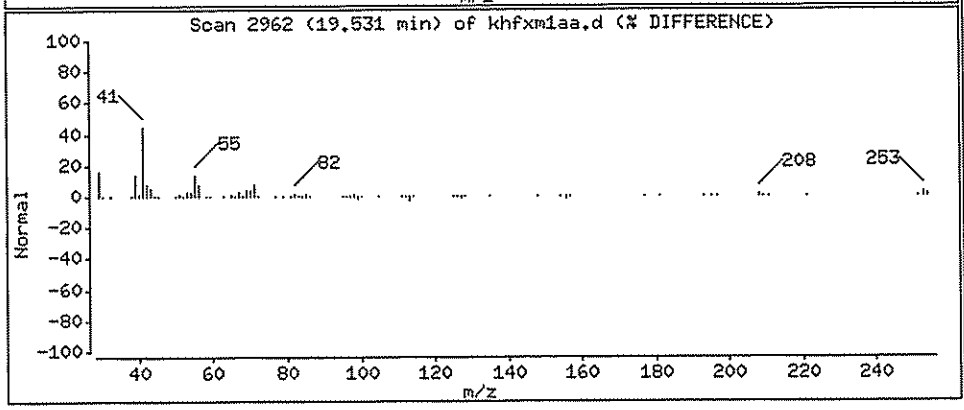












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

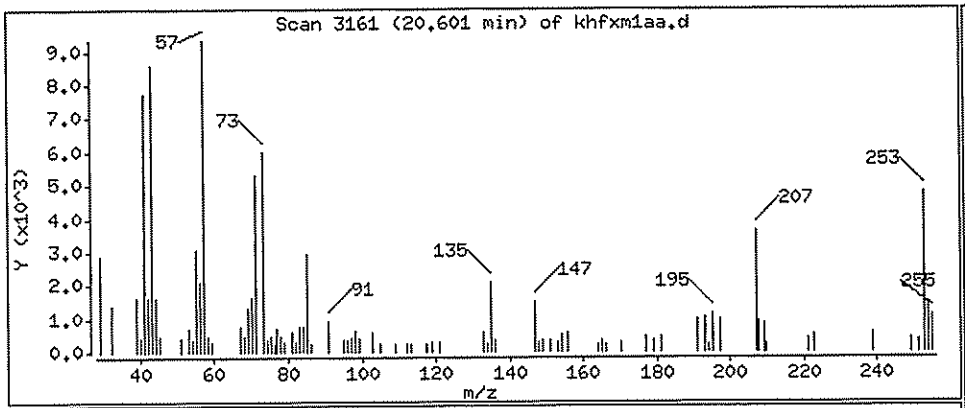
Operator: 7126

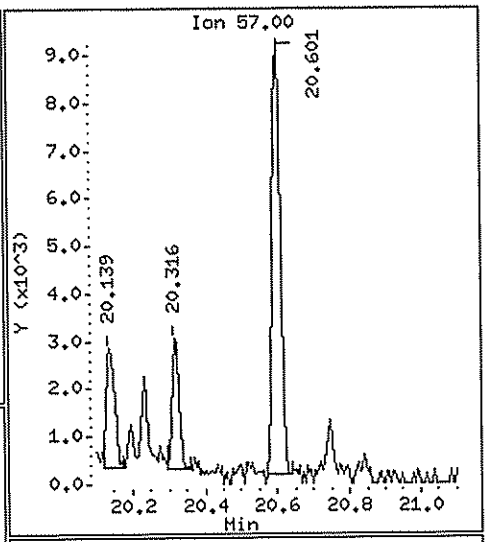
Column phase: HP-5

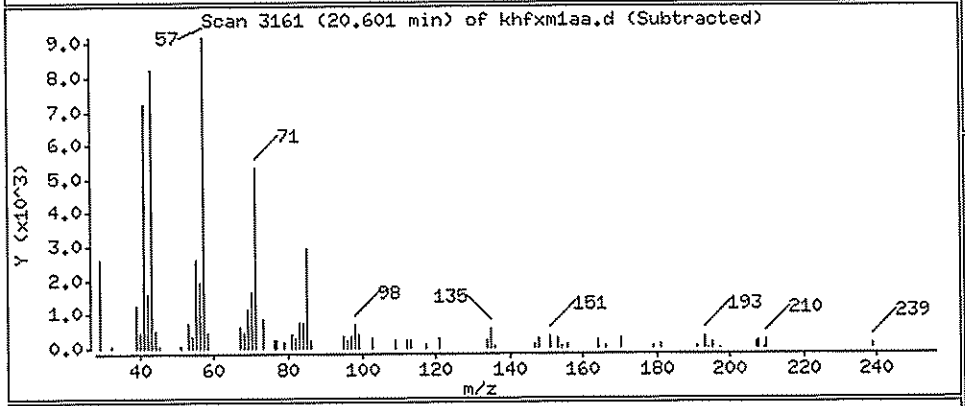
Column diameter: 0.32

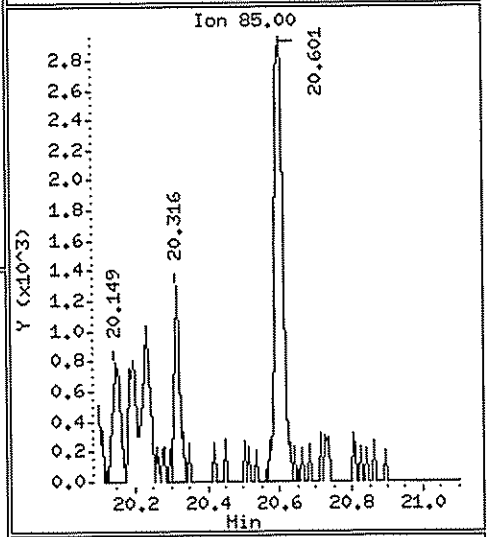
94 Dodecane

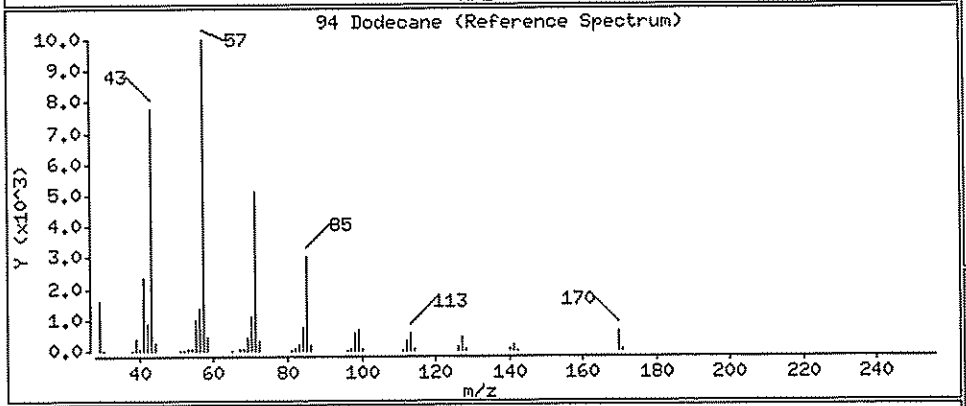
Concentration: 0.1774 ppb(v/v)

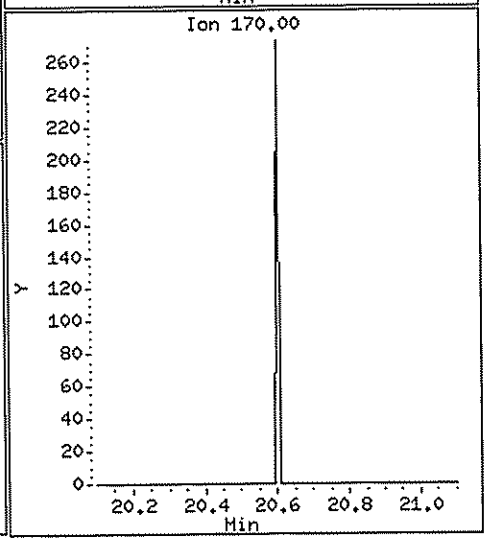


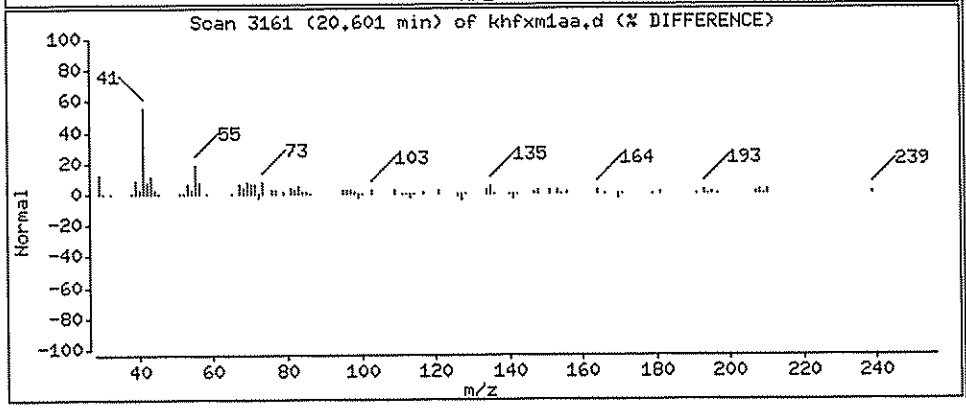












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d

Date : 25-FEB-2008 13:01

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

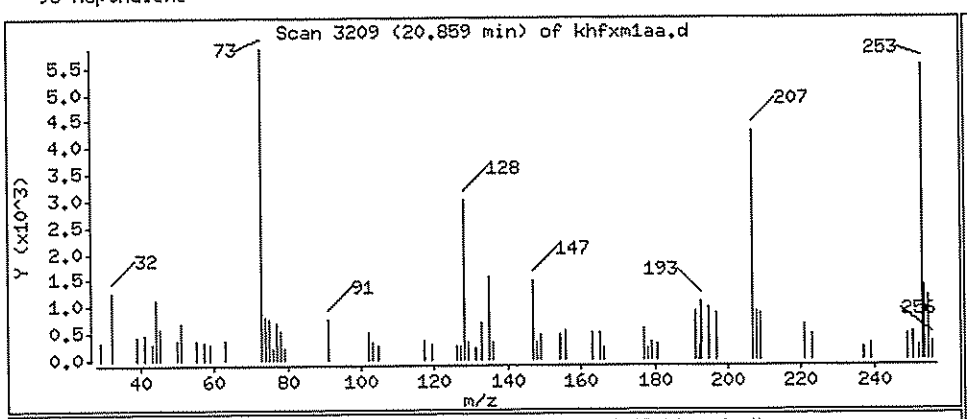
Operator: 7126

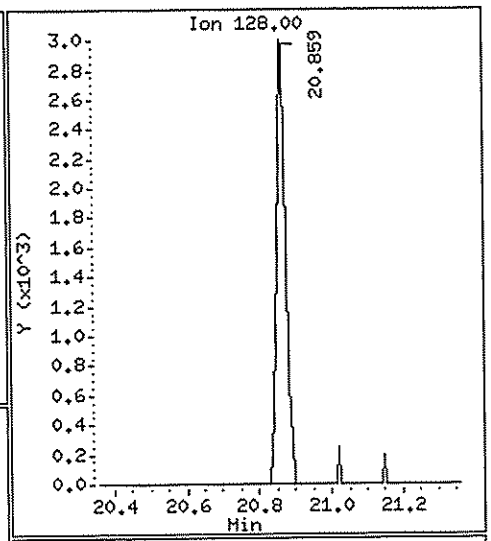
Column phase: HP-5

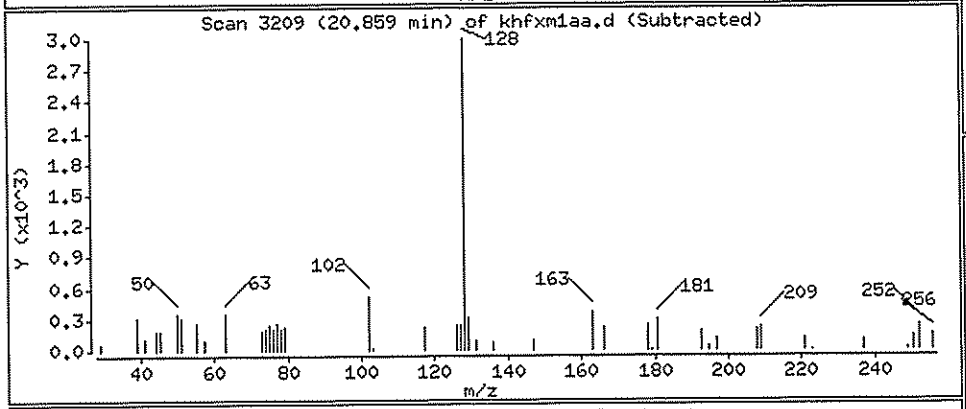
Column diameter: 0.32

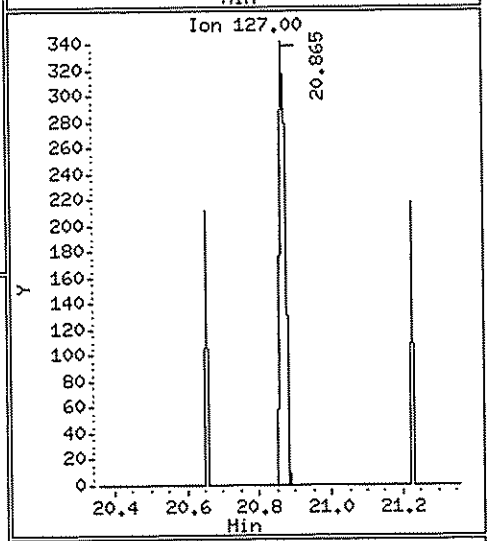
96 Napthalene

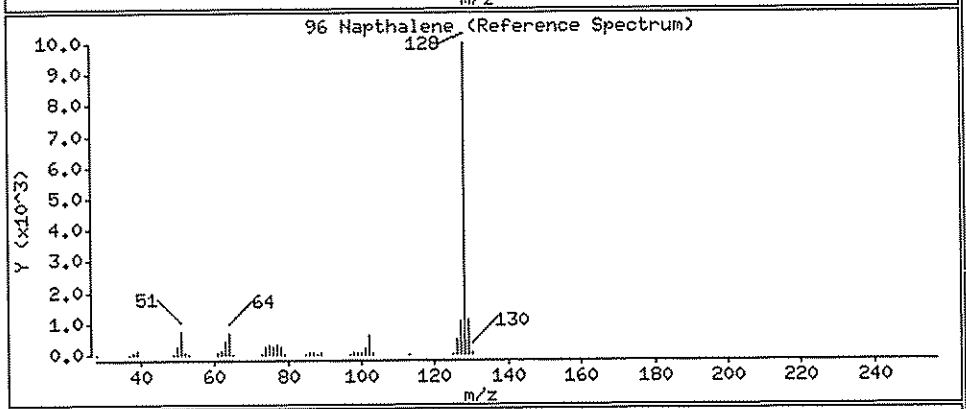
Concentration: 0.05753 ppb(v/v)

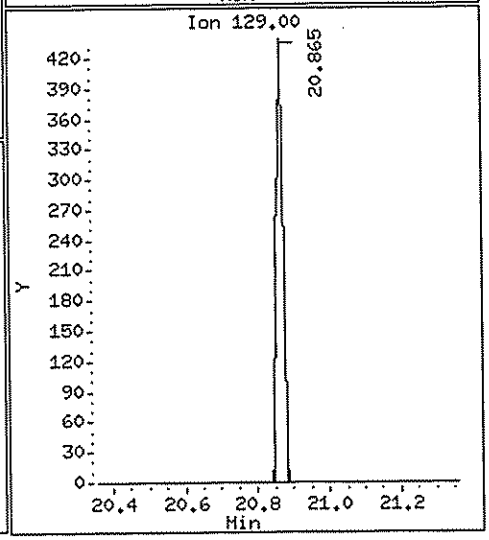


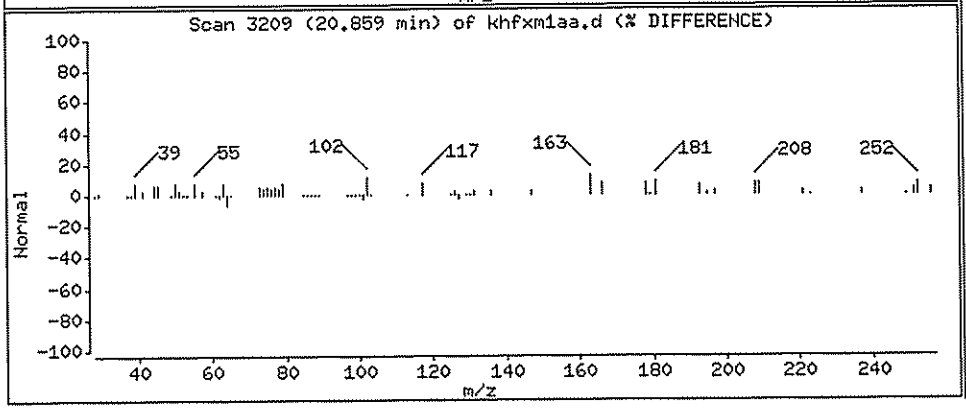












Data File: /var/chem/gcms/me.i/E022508.b/khfxm1aa.d
Report Date: 26-Feb-2008 13:39

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/khfxm1aa.d
Lab Smp Id: KHFXM1AA Client Smp ID: SV-07-02-SS
Inj Date : 25-FEB-2008 13:01
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022508,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 12:25 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

ISTD	RT	HEIGHT	AMOUNT
* 1 Bromochloromethane	8.438	396463	4.000

RT	HEIGHT	CONCENTRATIONS ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Methyl Alcohol				CAS #: 67-56-1			
4.016	783911	7.90904574	7.909	4	NIST05.1	30	1
Ethyl alcohol				CAS #: 64-17-5			
4.629	1152394	11.6267495	11.63	90	NIST05.1	93	1
Acetone				CAS #: 67-64-1			
5.194	368677	3.71966110	3.720	80	NIST05.1	211	1

2/26/08

TestAmerica Buffalo

Client Sample ID: SV-07-02-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 003 **Work Order #** KHFXM2AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.0	ND	5.8
1-Methylnaphthalene	ND	1.0	ND	5.8
Indene	ND	0.16	ND	0.76
Thiophene	ND	0.080	ND	0.28
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Indane	ND	0.080	ND	0.39

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022608.b/khfxm2aa.d
Report Date: 27-Feb-2008 07:22

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022608.b/khfxm2aa.d
Lab Smp Id: KHFXM2AA Client Smp ID: SV-07-02-SS
Inj Date : 26-FEB-2008 19:58
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022608,TO155,newyork.sub,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022608.b/TO155.m
Meth Date : 27-Feb-2008 07:21 tajh Quant Type: ISTD
Cal Date : 26-FEB-2008 11:39 Cal File: nyextra.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: newyork.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.433	8.433	(1.000)	57097	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.627	10.627	(1.000)	281255	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	251857	4.00000	4.000
99 ~ Thiophene	84	10.068	10.316	(0.947)	7518	0.22454	~~0.2245(A)~~
100 ~ 1,2,3-trimethylbenzene	105	18.767	18.772	(1.217)	5367	0.06134	0.06134(A)

2/27/10 KH

QC Flag Legend

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

Data File: /var/chem/gcms/me.i/E022608.b/khfxm2aa.d
Report Date: 27-Feb-2008 07:22

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

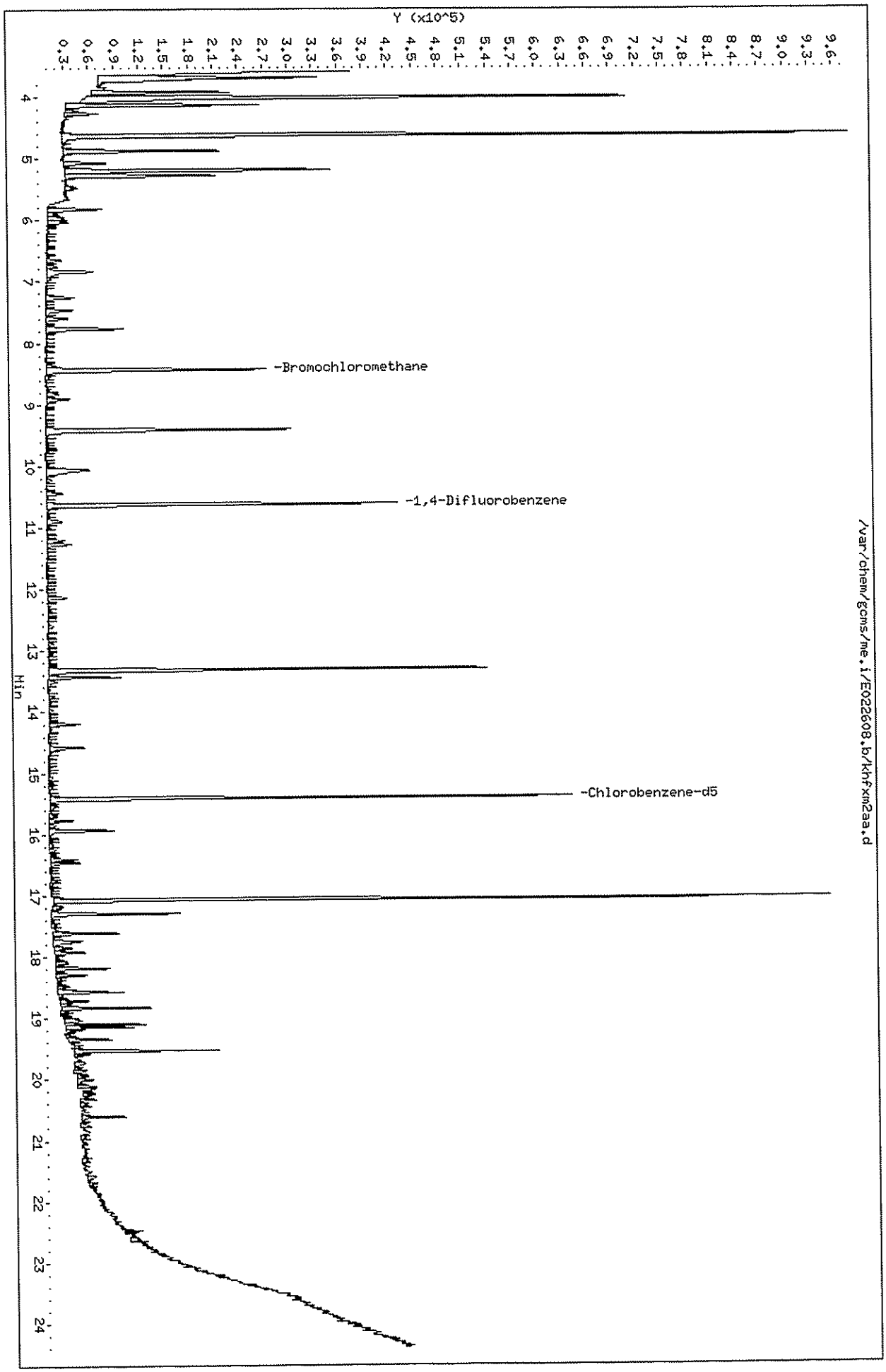
Instrument ID: me.i
Lab File ID: khfxm2aa.d
Lab Smp Id: KHFXM2AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022608.b/TO155.m
Misc Info: E022608,TO155,newyork.sub,,,500 ML

Calibration Date: 26-FEB-2008
Calibration Time: 09:31
Client Smp ID: SV-07-02-SS
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	68800	40936	96664	57097	-17.01
2 1,4-Difluorobenze	353524	210347	496701	281255	-20.44
3 Chlorobenzene-d5	329407	195997	462817	251857	-23.54

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.43	0.00
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.00
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	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: /var/chem/gcms/me.i/E022608.b/khfxm2aa.d
Date : 26-FEB-2008 19:58
Client ID: SV-07-02-SS
Sample Info: ,,0,,,,
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^5)
-Bromochloromethane
-1,4-Difluorobenzene
-Chlorobenzene-d5
/var/chem/gcms/me.i/E022608.b/khfxm2aa.d
Min

Data File: /var/chem/gcms/me.i/E022608.b/khfxm2aa.d

Date : 26-FEB-2008 19:58

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

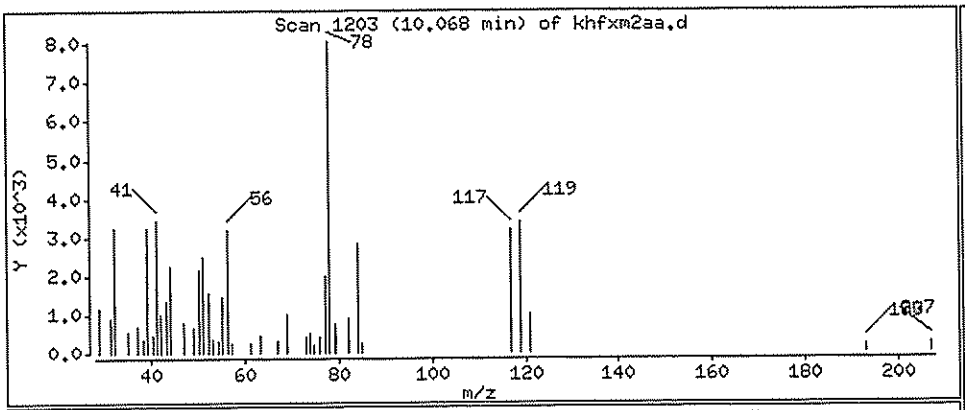
Operator: 7126

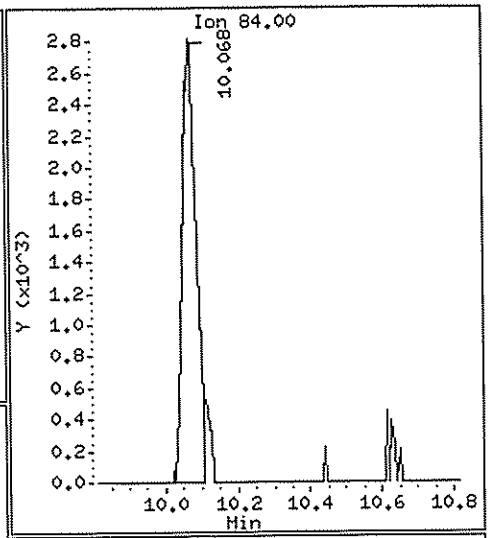
Column phase: HP-5

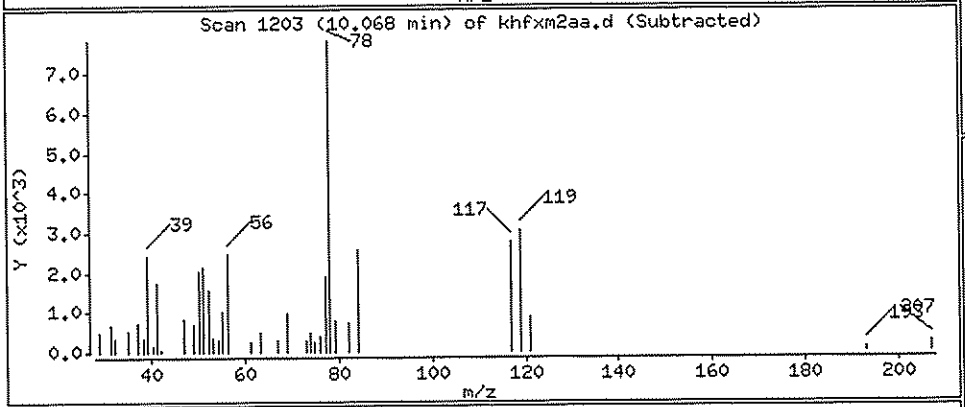
Column diameter: 0.32

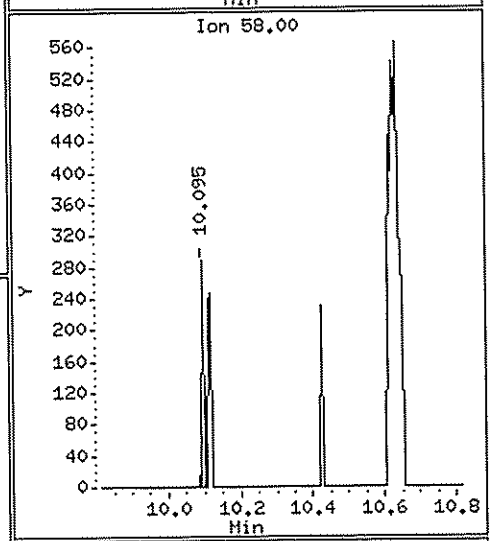
99 ~ Thiophene

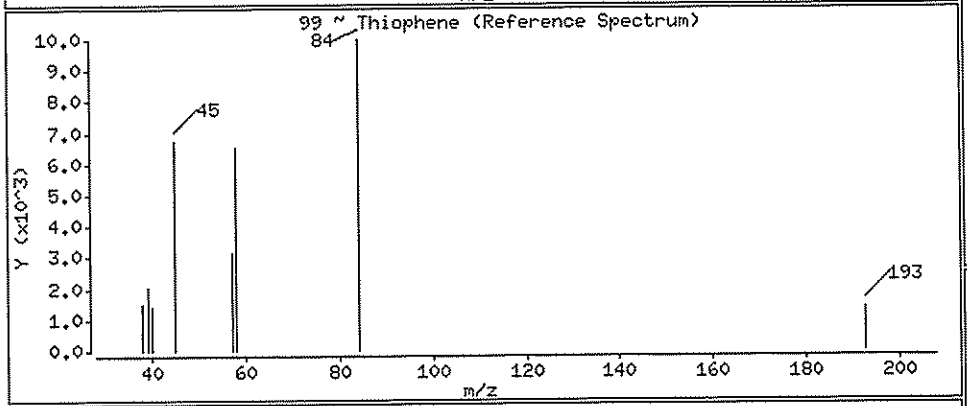
Concentration: 0.2245 ppb(v/v)

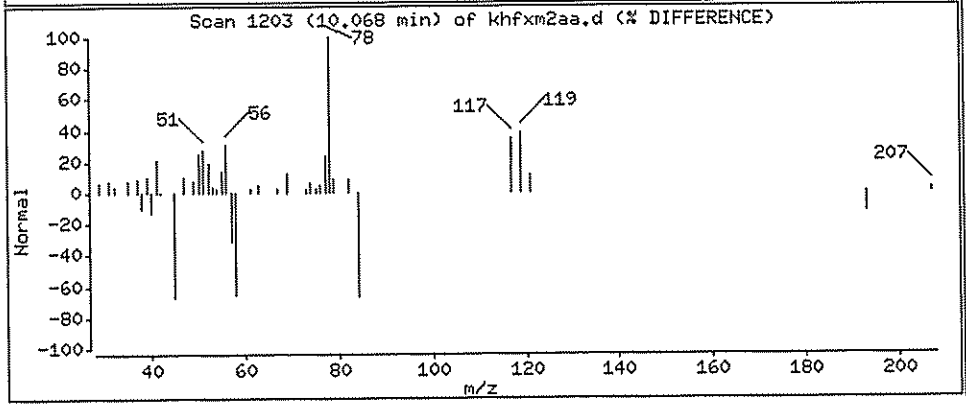


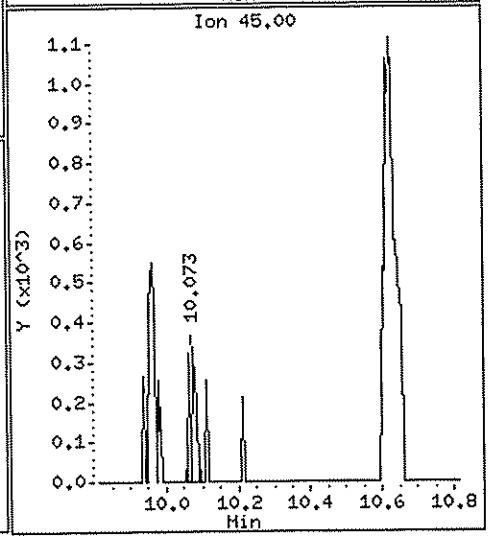












Data File: /var/chem/gcms/me.i/E022608.b/khfxm2aa.d

Date : 26-FEB-2008 19:58

Client ID: SV-07-02-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

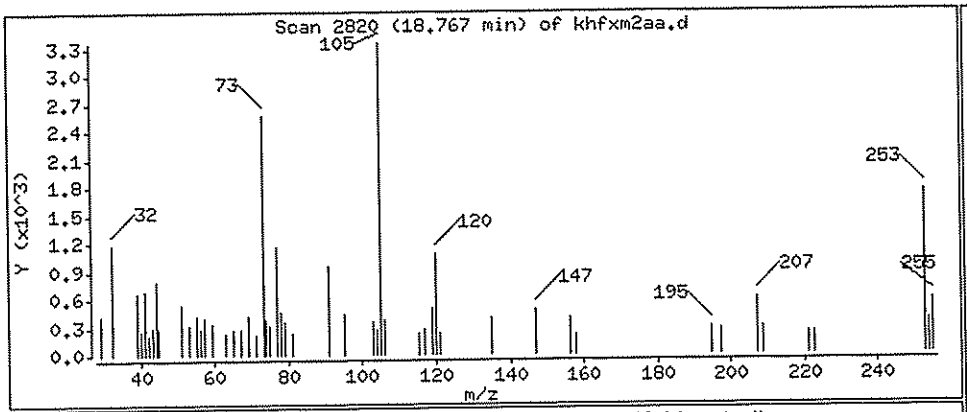
Operator: 7126

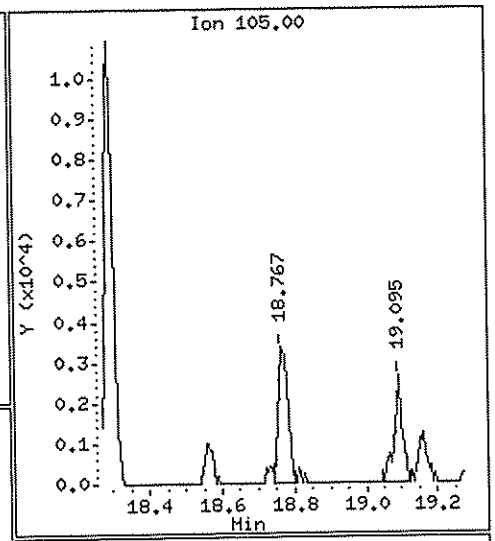
Column phase: HP-5

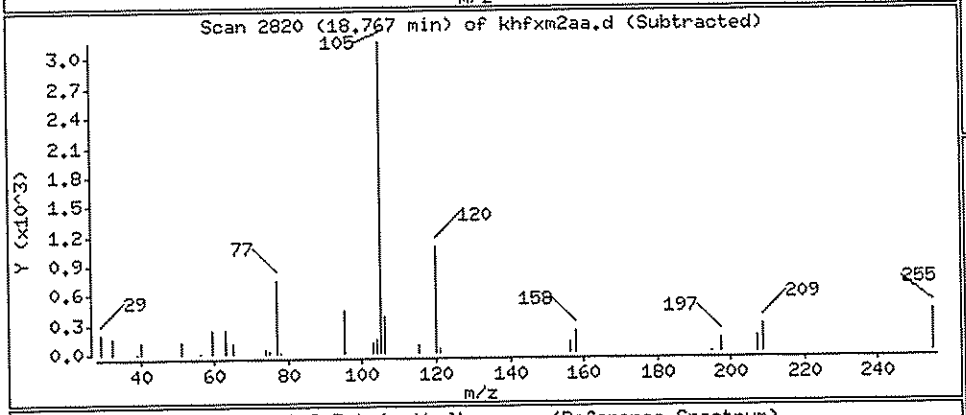
Column diameter: 0.32

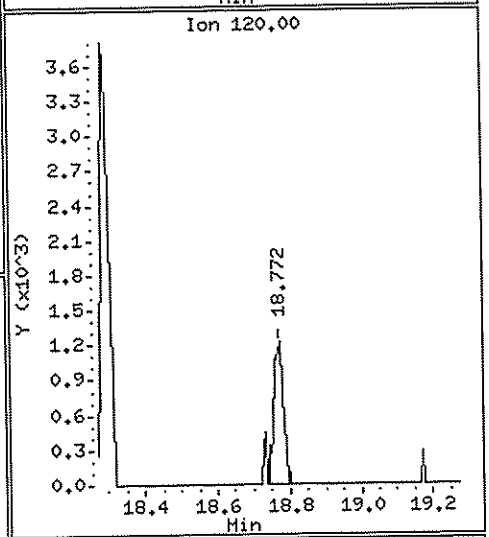
100 ~ 1,2,3-trimethylbenzene

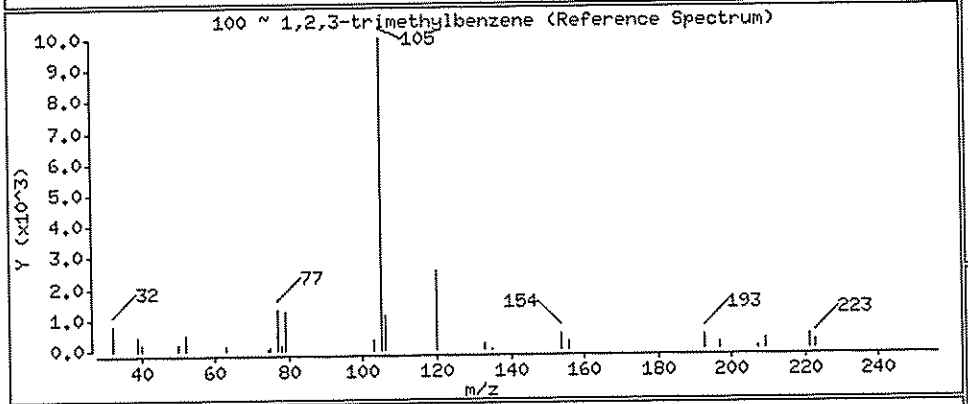
Concentration: 0.06134 ppb(v/v)

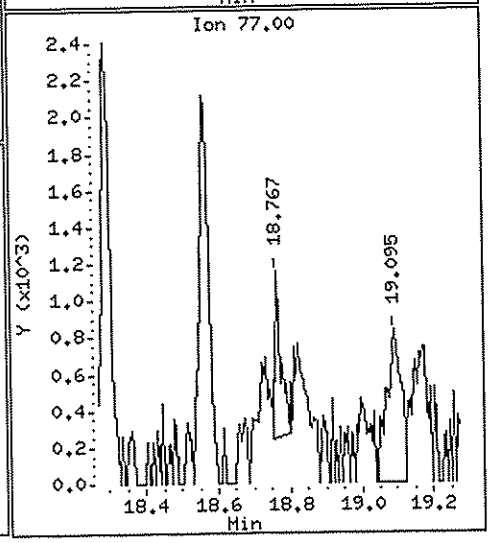


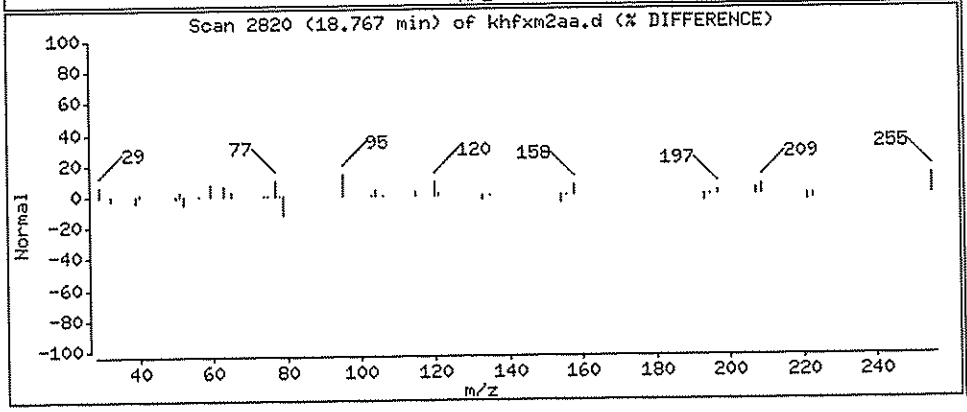












TestAmerica Buffalo

Client Sample ID: SV-07-04-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 004 **Work Order #** KHFXQ1AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/25/08 **Analysis Date...** 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.024**	**0.080**	**0.17**	**J**	**0.56**
Ethylbenzene	**0.13**	**0.080**	**0.57**		**0.35**
Trichlorofluoromethane	**0.32**	**0.080**	**1.8**		**0.45**
n-Heptane	**0.33**	**0.20**	**1.3**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**1.0**	**0.20**	**3.6**		**0.70**
2,2,4-Trimethylpentane	**0.17**	**0.20**	**0.80**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.80**	**0.20**	**2.8**	**B**	**0.69**
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.50**	**0.080**	**1.6**		**0.26**
n-Octane	**0.10**	**0.16**	**0.49**	**J**	**0.75**
Pentane	**2.7**	**0.32**	**8.0**		**0.94**
Styrene	ND	0.080	ND		0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**1.9**	**0.080**	**13**		**0.54**
Toluene	**0.60**	**0.080**	**2.3**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.024**	**0.080**	**0.13**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.065**	**0.080**	**0.32**	**J**	**0.39**
1,3,5-Trimethylbenzene	ND	0.080	ND		0.39
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.11**	**0.080**	**0.49**		**0.35**
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.12**	**0.40**	**0.73**	**J**	**2.3**
n-Dodecane	**0.041**	**0.40**	**0.28**	**J**	**2.8**
n-Undecane	**0.17**	**0.40**	**1.1**	**J**	**2.6**
1,1,2-Trichlorotrifluoroethane	**0.094**	**0.080**	**0.72**		**0.61**
Nonane	**0.078**	**0.16**	**0.41**	**J**	**0.84**
m-Xylene & p-Xylene	**0.32**	**0.080**	**1.4**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**5.6**	**0.16**	**13**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	**0.099**	**0.080**	**0.62**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.023**	**0.080**	**0.11**	**J**	**0.39**

TestAmerica Buffalo

Client Sample ID: SV-07-04-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 004 **Work Order #** KHFXQ1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	**0.39**	**0.20**	**0.81**	**0.41**
2-Methylbutane	**3.0**	**0.20**	**9.0**	**0.59**
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.57**	**0.080**	**2.8**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	114	70 - 130
Toluene-d8	105	70 - 130
4-Bromofluorobenzene	103	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d
Report Date: 26-Feb-2008 08:17

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/khfxq1aa.d
Lab Smp Id: KHFXQ1AA Client Smp ID: SV-07-04-SS
Inj Date : 25-FEB-2008 13:46
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022508,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 08:15 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.443	8.433	(1.000)	81114	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.633	10.628	(1.000)	419913	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.421	15.415	(1.000)	368493	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	9.417	9.406	(0.886)	174517	4.57490	4.575
$ 5 Toluene-d8	98	13.317	13.317	(0.864)	450262	4.19319	4.193
$ 6 4-Bromofluorobenzene	95	17.077	17.078	(1.107)	423807	4.12505	4.125
9 Dichlorodifluoromethane	85	3.736	3.731	(0.442)	92564	0.57418	0.5742
11 1,2-Dichlorotetrafluoroethane	135	3.919	3.903	(0.464)	1731	0.02447	0.02447
10 Chloromethane	52	3.898	3.892	(0.462)	3714	0.39176	0.3918
14 n-Butane	43	4.145	4.129	(0.491)	243811	5.63983	5.640
16 Bromomethane	94	4.446	4.414	(0.527)	526	0.01397	~~0.01397~~
19 2-methyl butane	43	4.882	4.866	(0.578)	93340	3.03939	3.039
20 Trichlorofluoromethane	101	5.076	5.060	(0.601)	48469	0.31921	0.3192
24 Pentane	72	5.285	5.270	(0.626)	12458	2.70684	2.707
30 1,1,2-Trichlorotrifluoroethane	101	5.899	5.888	(0.699)	5540	0.09373	0.09373
31 Methylene Chloride	84	6.033	6.023	(0.715)	17640	0.79653	0.7965

2/26/08

Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d
Report Date: 26-Feb-2008 08:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
38 Hexane	56	7.787	7.771	(0.922)	21194	1.02622	1.026
42 Chloroform	83	8.465	8.449	(1.003)	1611	0.02252	0.02252
44 1,1,1-Trichloroethane	97	9.465	9.460	(1.121)	2183	0.02416	0.02416
46 Benzene	78	10.057	10.052	(0.946)	33481	0.50078	0.5008
49 Carbon Tetrachloride	117	10.084	10.079	(0.948)	11694	0.09908	0.09908
50 2,2,4-trimethylpentane	57	10.891	10.880	(1.024)	19735	0.17154	0.1715
51 Heptane	43	11.273	11.268	(1.060)	14337	0.32846	0.3284
61 Toluene	91	13.435	13.430	(0.871)	47275	0.59862	0.5986
62 1,1,2-Trichloroethane	97	13.333	13.500	(0.865)	51048	2.15811	~~2.158~~
64 Octane	85	14.194	14.183	(0.920)	2485	0.10474	0.1047
67 Tetrachloroethene	129	14.587	14.582	(0.946)	60666	1.91490	1.915
68 Chlorobenzene	112	15.162	15.464	(0.983)	1114	0.02168	~~0.02168~~
69 Ethylbenzene	91	15.776	15.776	(1.023)	12261	0.13159	0.1316
72 Nonane	57	16.410	16.411	(1.064)	3370	0.07822	0.07822
70 m&p-Xylene	91	15.937	15.943	(1.033)	25957	0.32505	0.3250
74 o-Xylene	91	16.464	16.464	(1.068)	9412	0.11300	0.1130
75 1,1,2,2-Tetrachloroethane	83	17.185	16.776	(1.114)	3019	0.05610	~~0.05610~~
81 1,3,5-Trimethylbenzene	120	17.734	17.852	(1.150)	1171	0.03268	~~0.03268~~
83 Decane	57	18.186	18.191	(1.179)	6756	0.12480	0.1248
85 1,2,4-Trimethylbenzene	105	18.293	18.293	(1.186)	6410	0.06539	0.06539
93 Undecane	57	19.531	19.531	(1.267)	10805	0.17232	0.1723
94 Dodecane	57	20.601	20.601	(1.336)	2527	0.04066	0.04066

2/26/08

Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d
Report Date: 26-Feb-2008 08:17

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: khfxq1aa.d
Lab Smp Id: KHFXQ1AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022508.b/TO15S.m
Misc Info: E022508,TO15S,,,500 ML

Calibration Date: 25-FEB-2008
Calibration Time: 08:09
Client Smp ID: SV-07-04-SS
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	94875	56451	133299	81114	-14.50
2 1,4-Difluorobenze	467871	278383	657359	419913	-10.25
3 Chlorobenzene-d5	430258	256004	604512	368493	-14.36

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.44	0.12
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.05
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	0.03

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.

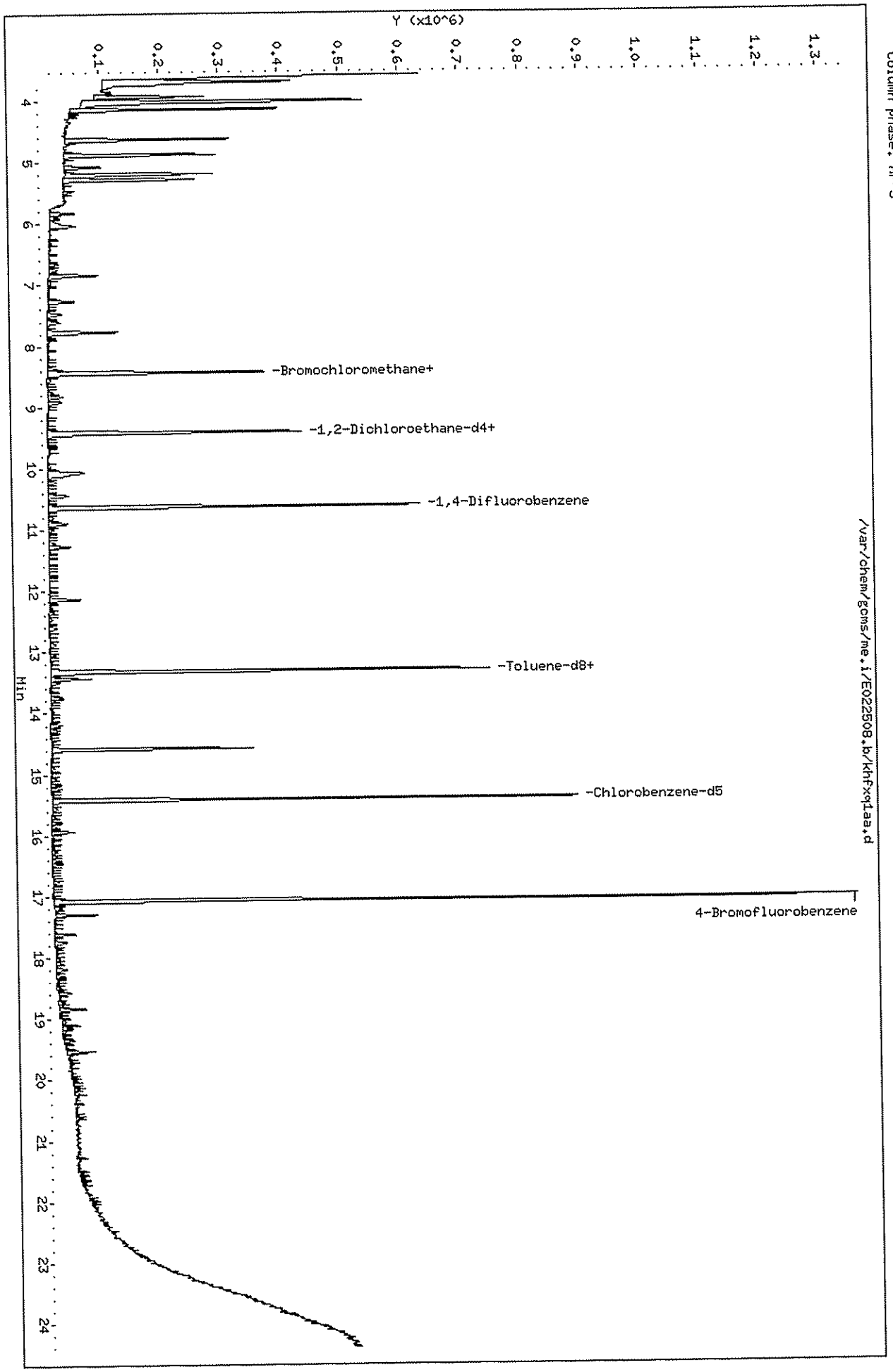
Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d
Report Date: 26-Feb-2008 08:17

TestAmerica Knoxville

RECOVERY REPORT

Client Name: TestAmerica Buffalo
Sample Matrix: GAS
Lab Smp Id: KHFXQ1AA
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: seneca.sub
Client SDG: H8B210257
Fraction: OTHER
Client Smp ID: SV-07-04-SS
Operator: 7126
SampleType: SAMPLE
Quant Type: ISTD
Method File: /var/chem/gcms/me.i/E022508.b/TO155.m
Misc Info: E022508,TO155,,,500 ML

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	4.000	4.575	114.37	70-130
$ 5 Toluene-d8	4.000	4.193	104.83	70-130
$ 6 4-Bromofluorobenze	4.000	4.125	103.13	70-130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Date : 25-FEB-2008 13:46
Client ID: SV-07-04-SS
Sample Info: ,,0,,,,
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene
/var/chem/gcms/me.i/E022508.b/khfxq1aa.d
Min

Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

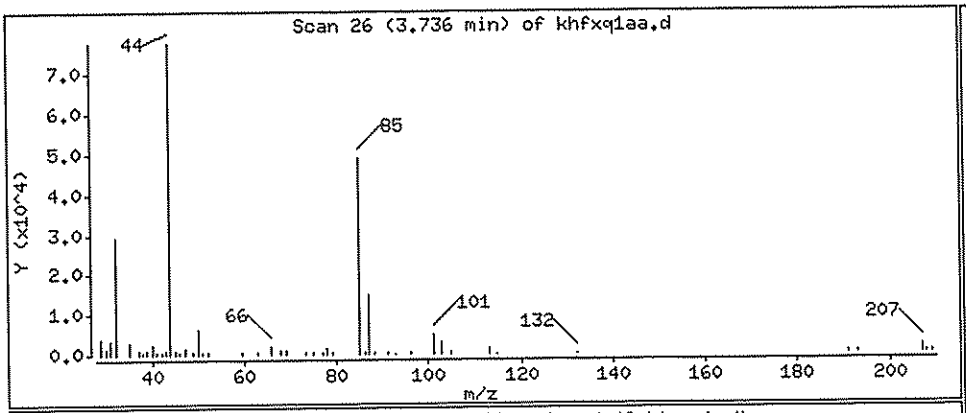
Operator: 7126

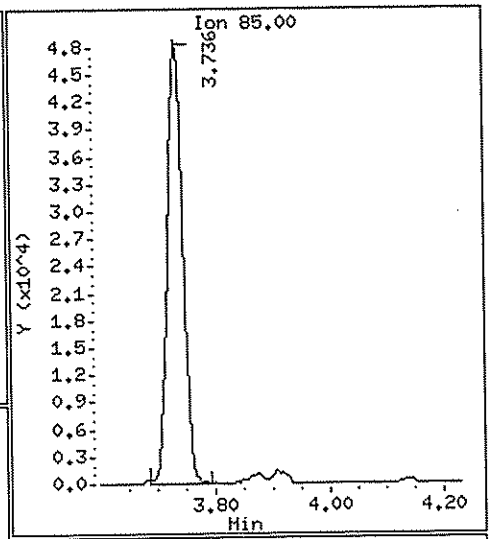
Column phase: HP-5

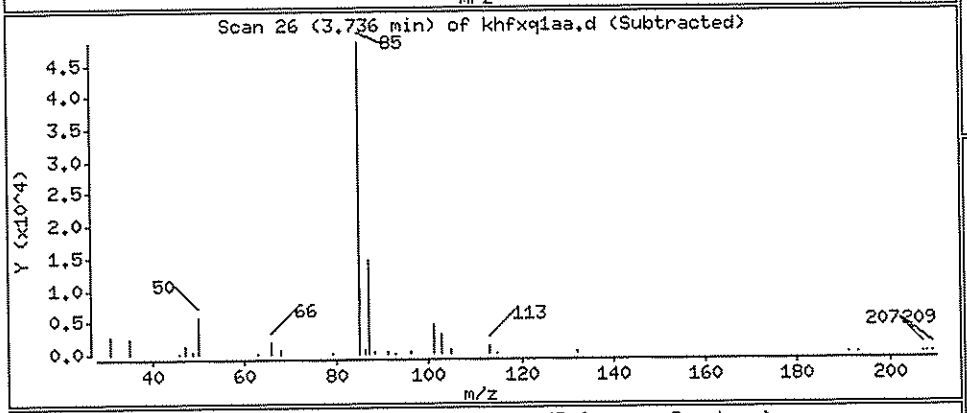
Column diameter: 0.32

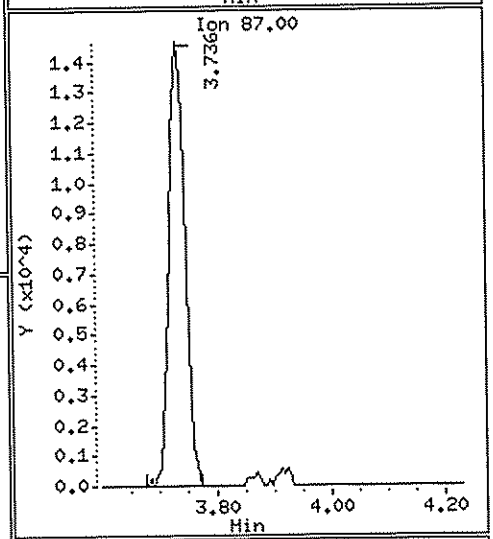
9 Dichlorodifluoromethane

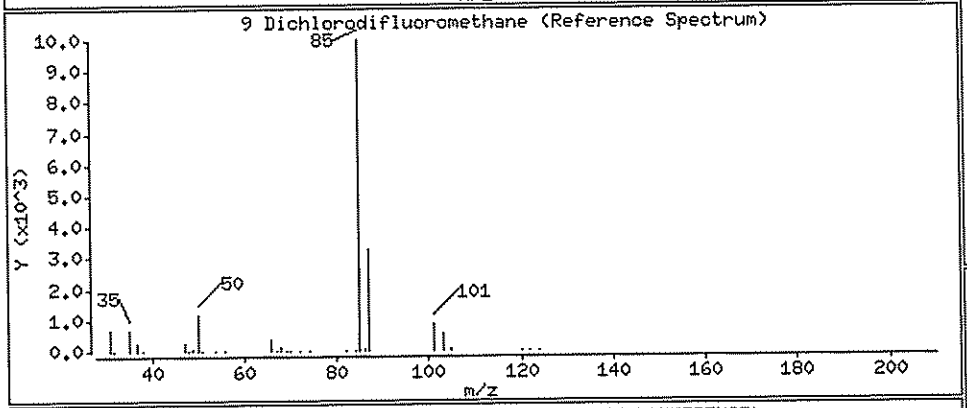
Concentration: 0.5742 ppb(v/v)

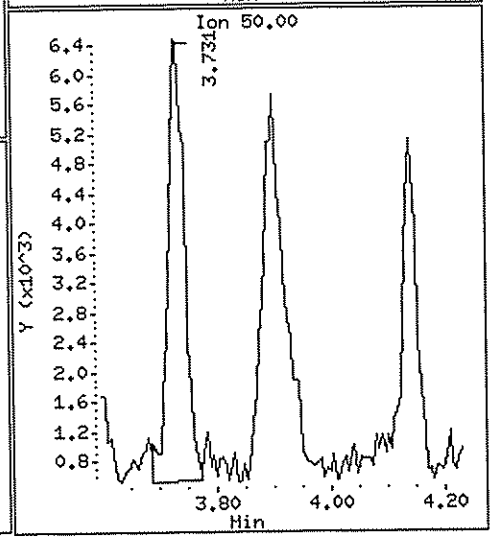


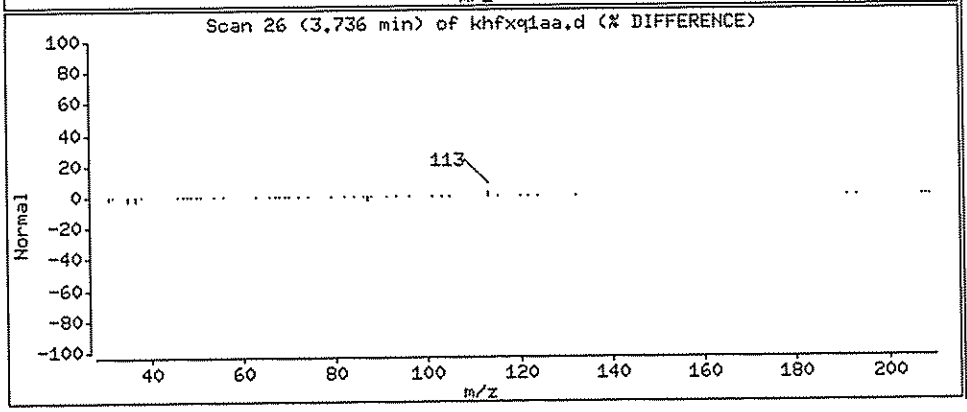












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

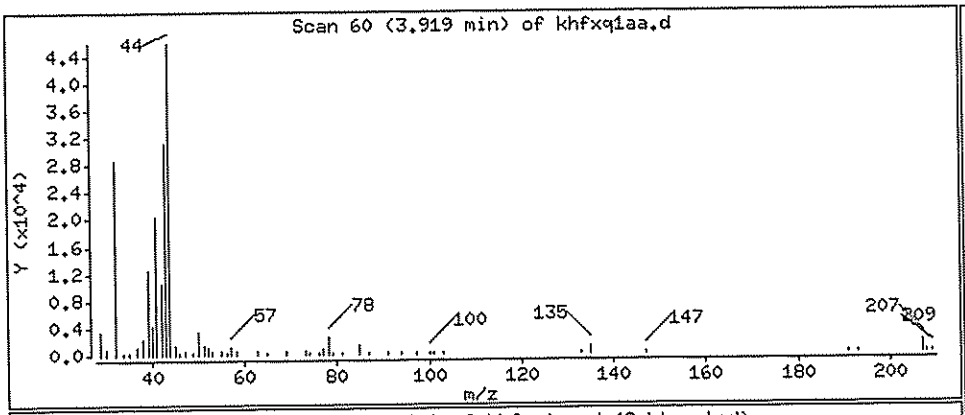
Operator: 7126

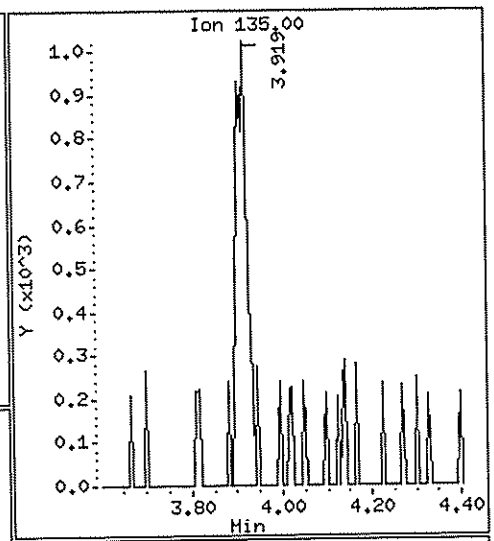
Column phase: HP-5

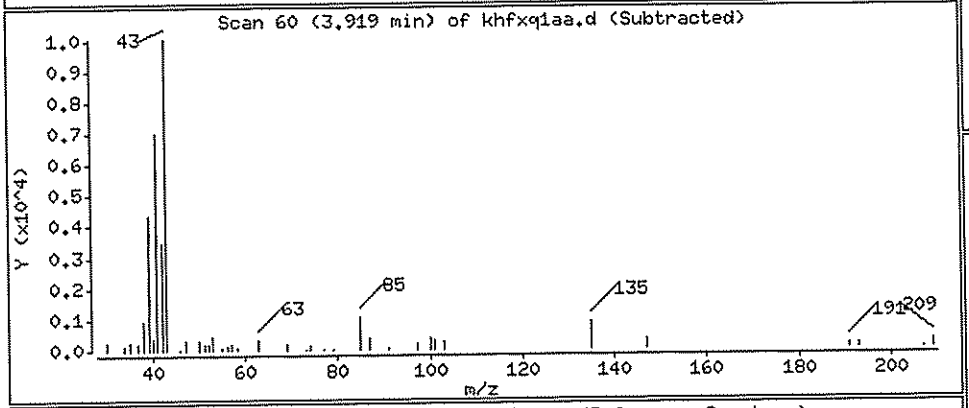
Column diameter: 0.32

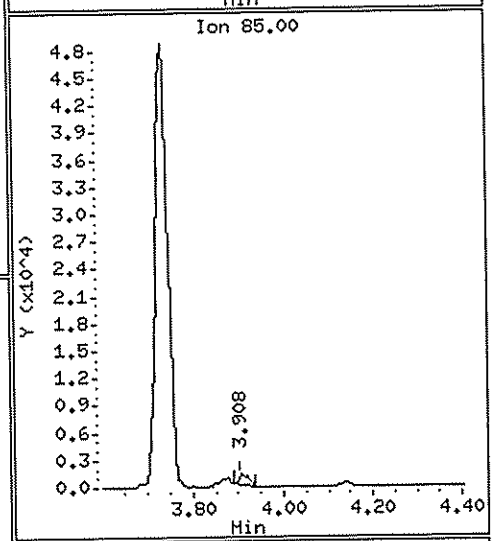
11 1,2-Dichlorotetrafluoroethane

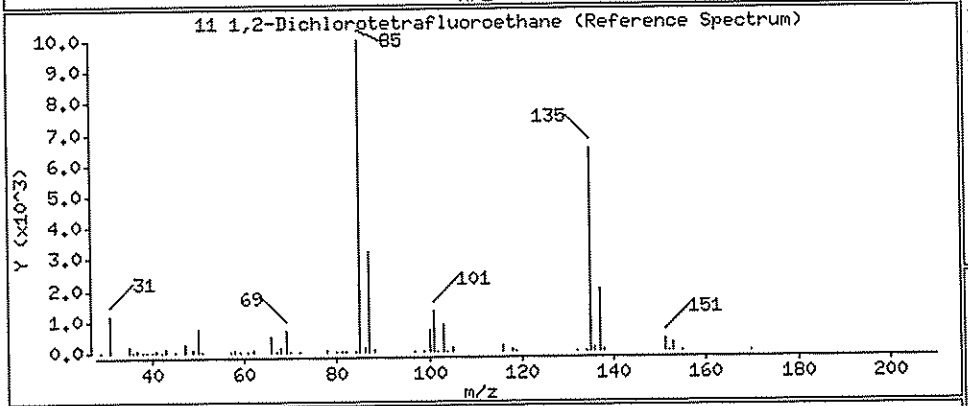
Concentration: 0.02447 ppb(v/v)

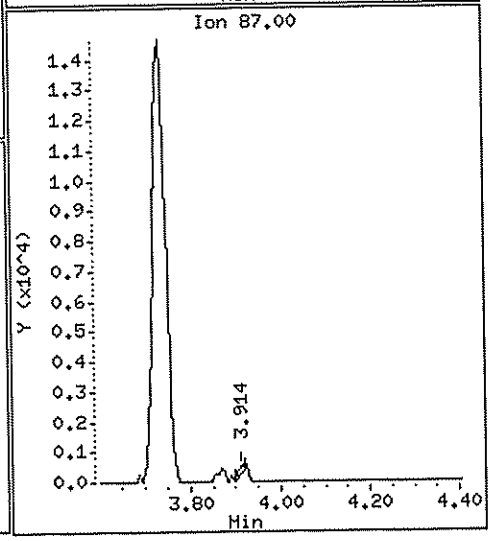


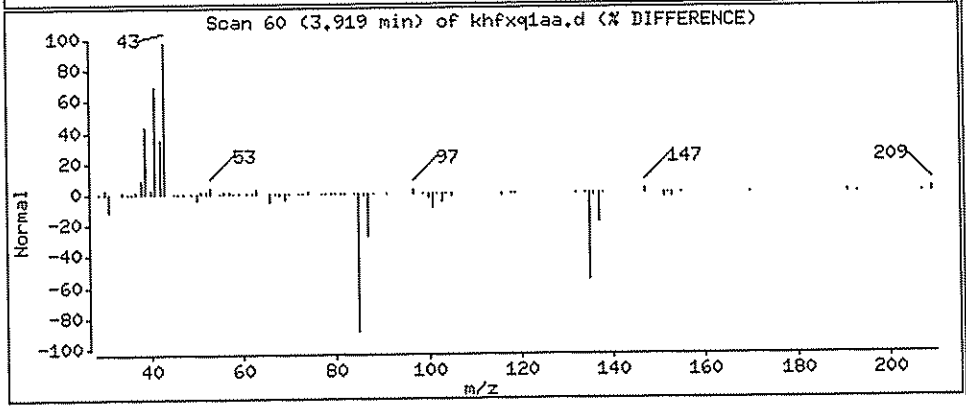












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

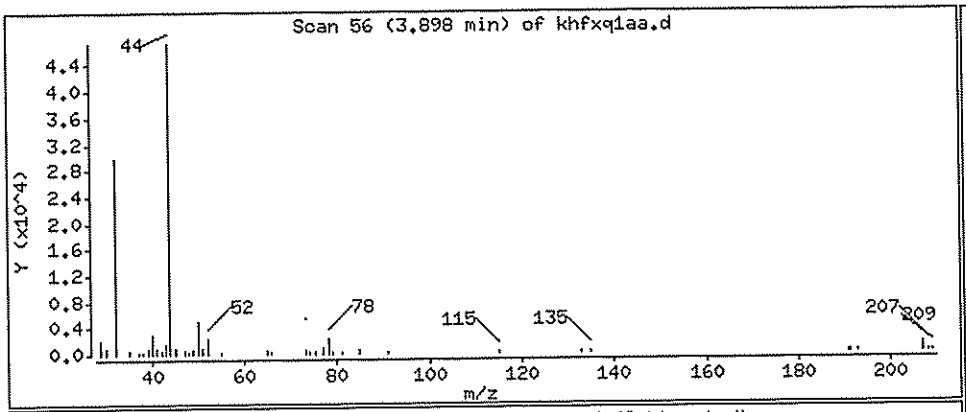
Operator: 7126

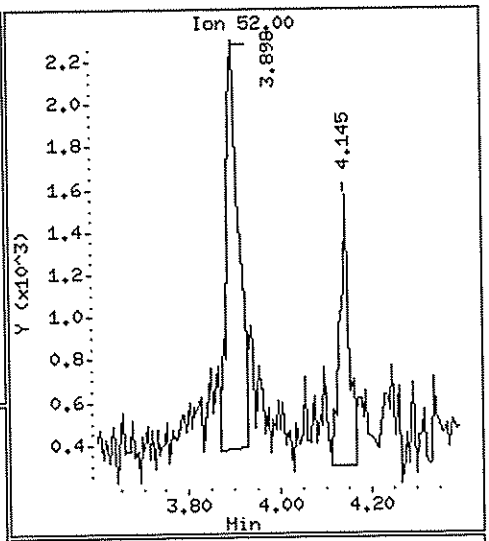
Column phase: HP-5

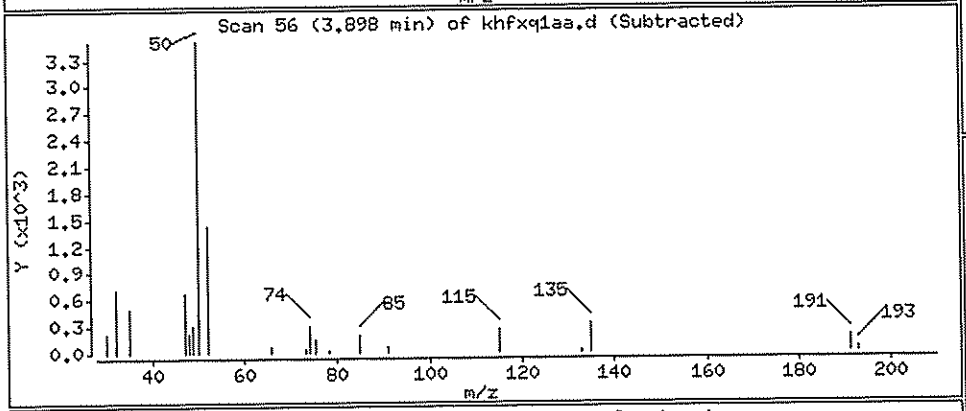
Column diameter: 0.32

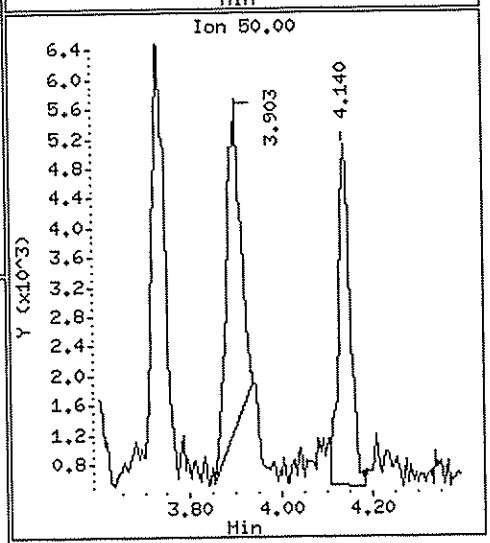
Concentration: 0.3918 ppb(v/v)

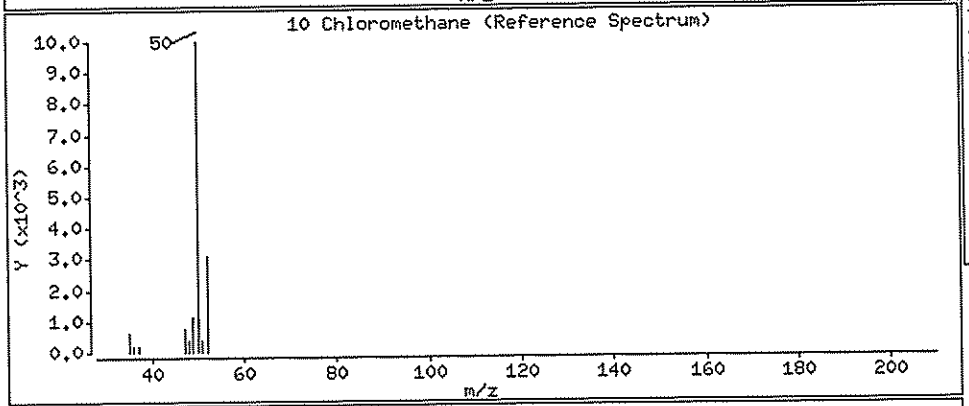
10 Chloromethane

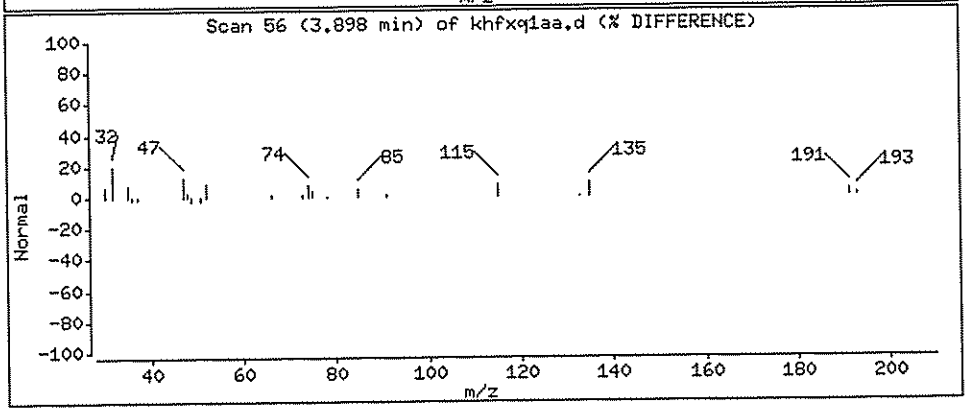












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

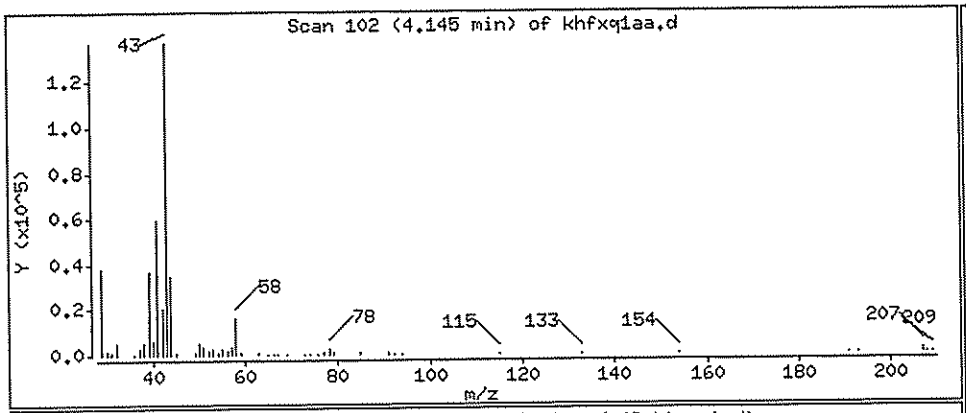
Operator: 7126

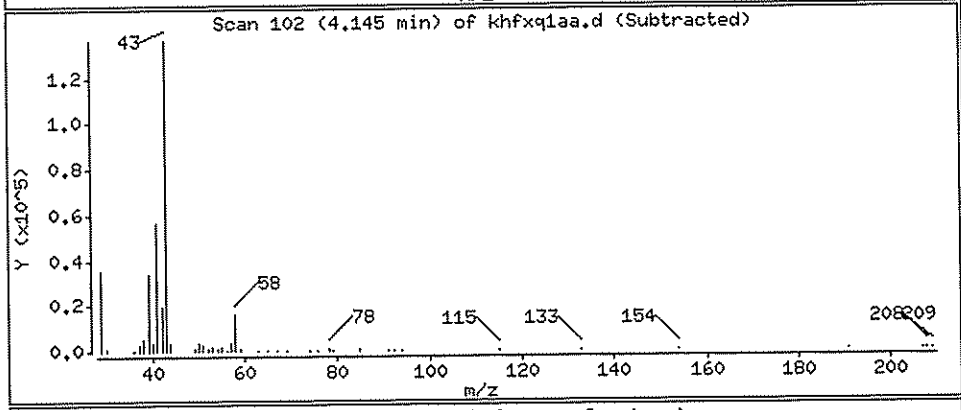
Column phase: HP-5

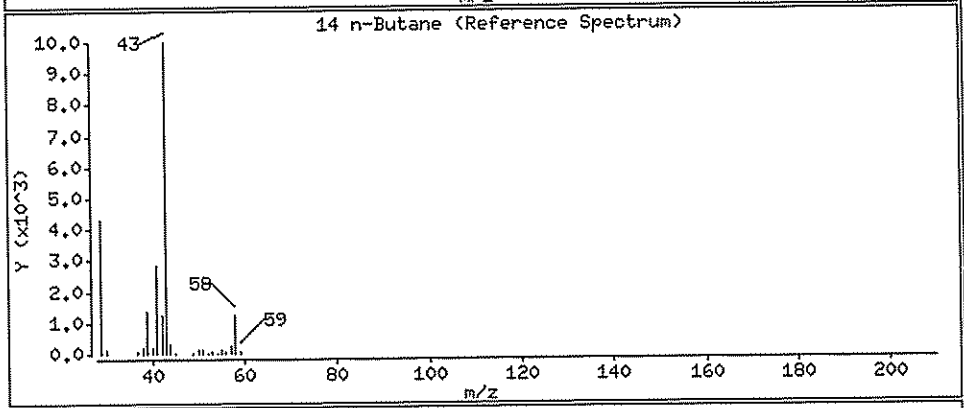
Column diameter: 0.32

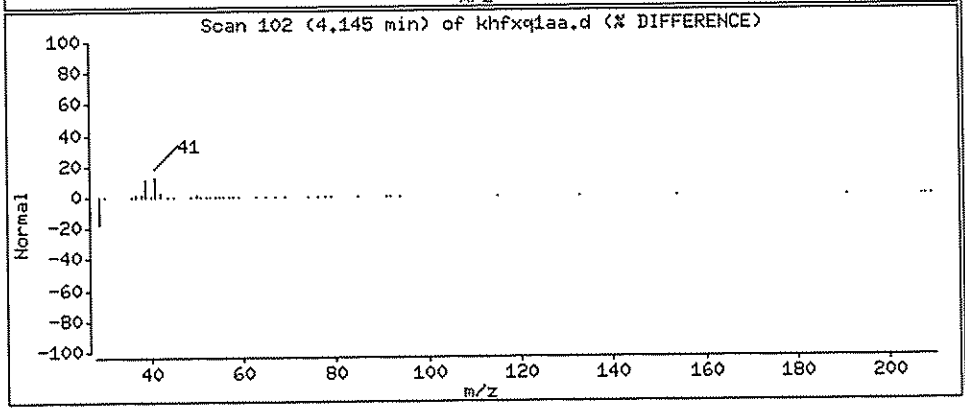
Concentration: 5.640 ppb(v/v)

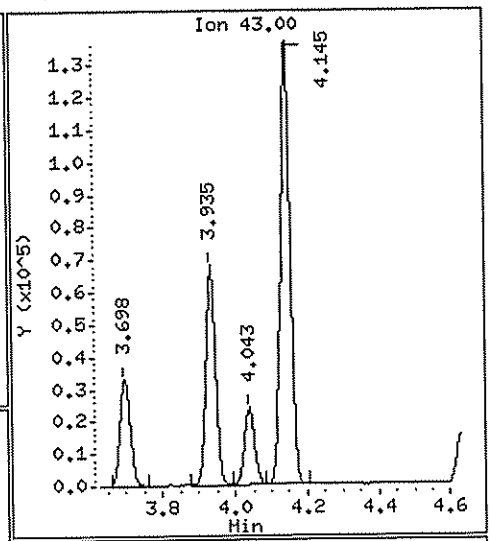
14 n-Butane

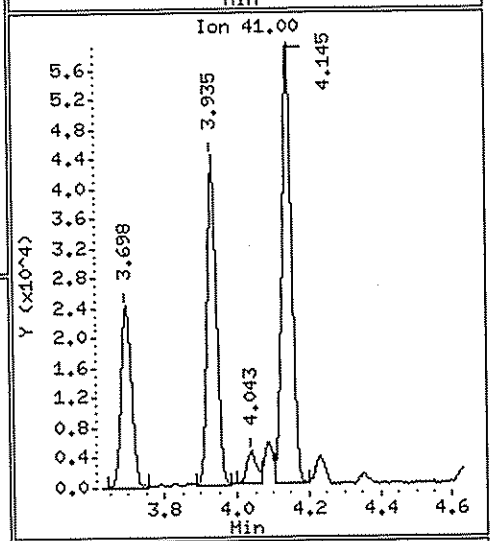


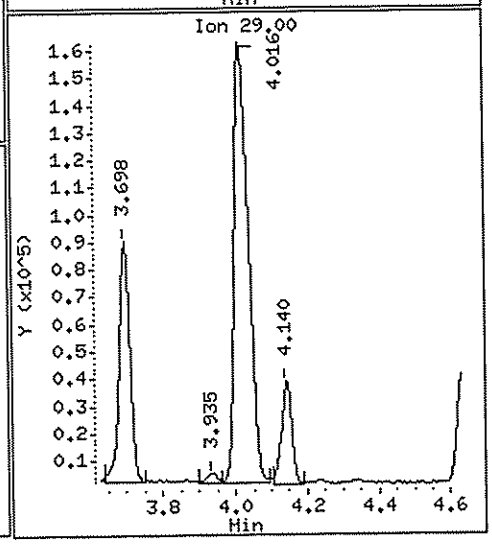












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

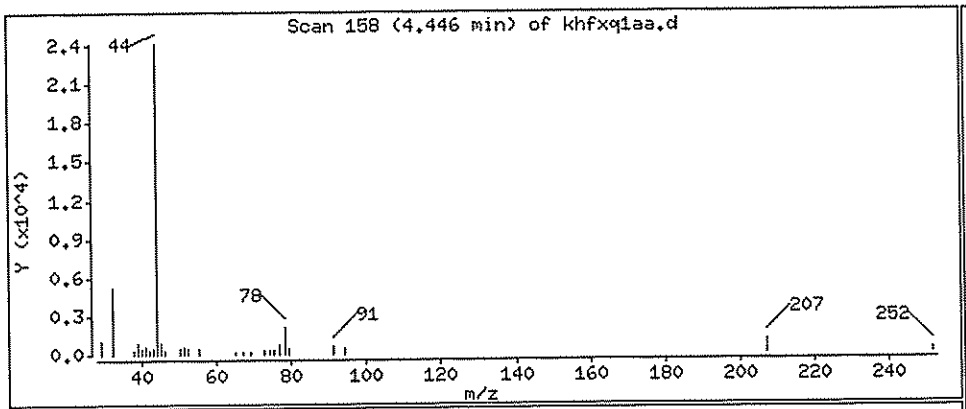
Operator: 7126

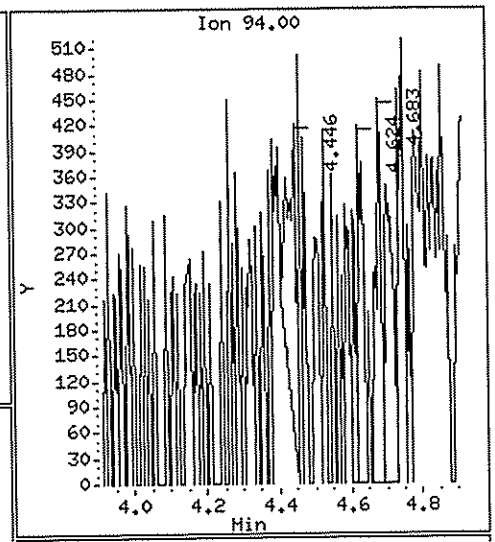
Column phase: HP-5

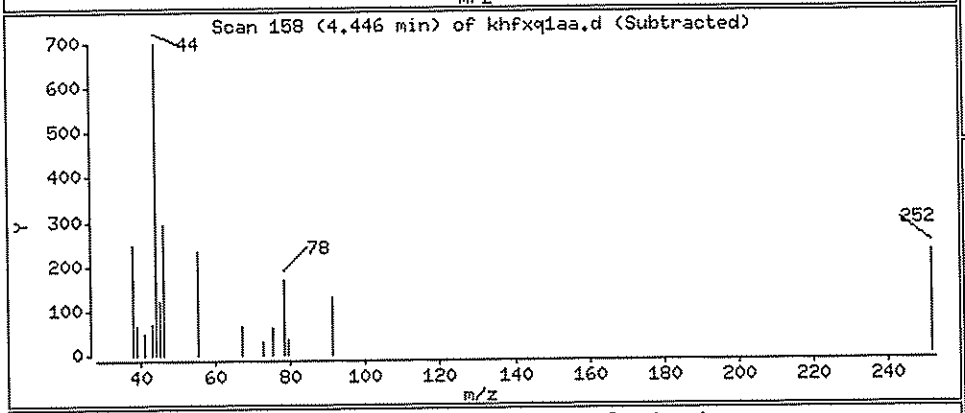
Column diameter: 0.32

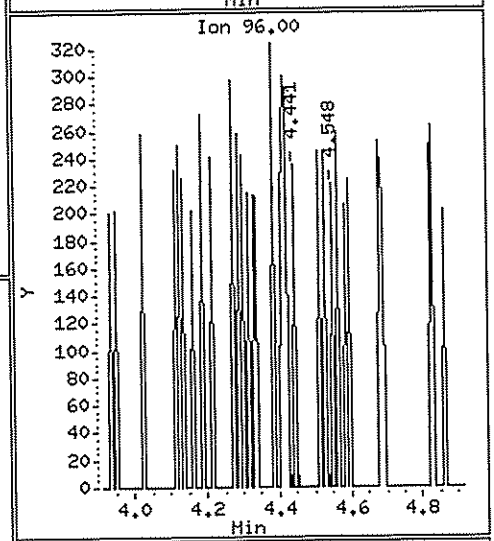
16 Bromomethane

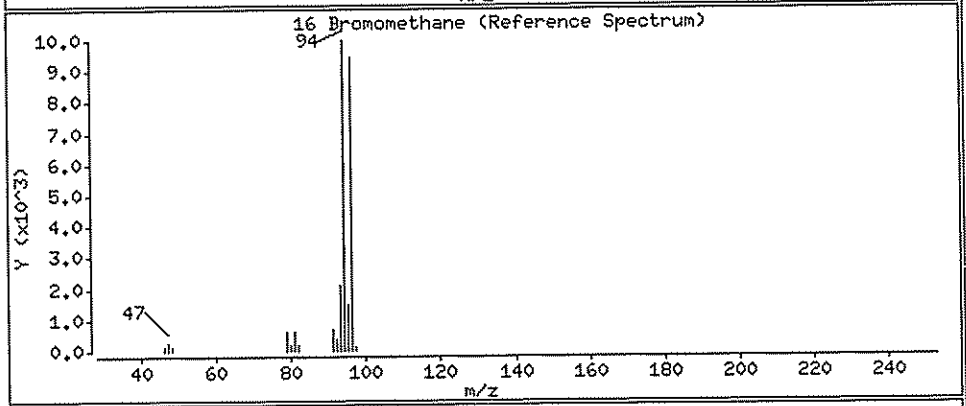
Concentration: 0.01397 ppb(v/v)

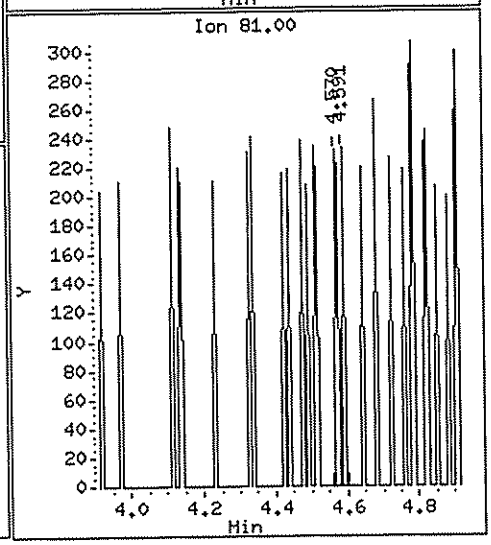


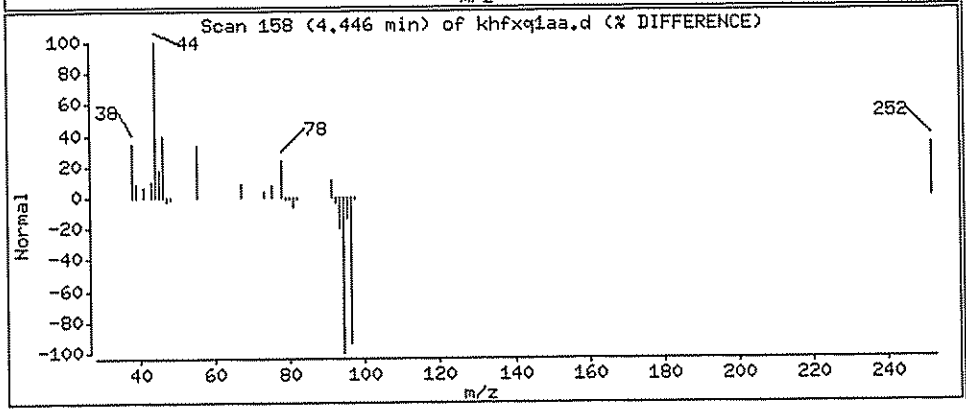












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

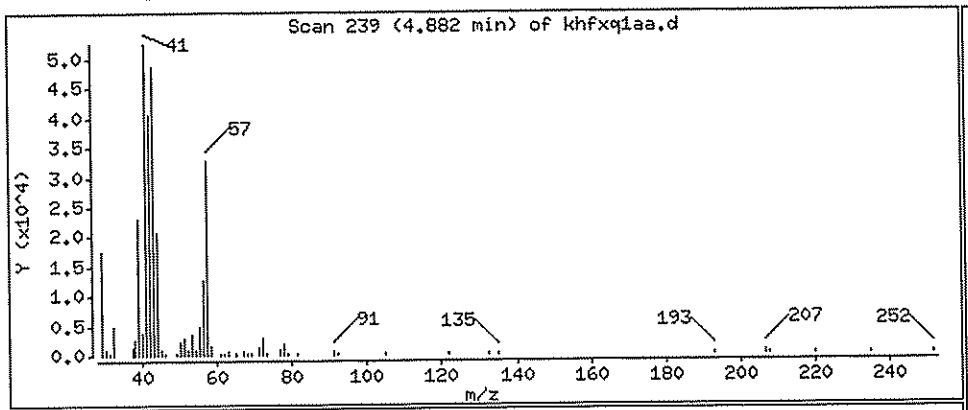
Operator: 7126

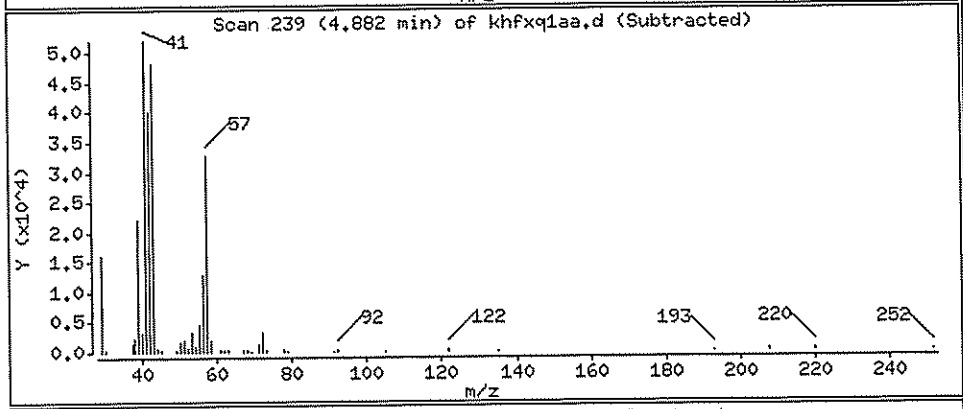
Column phase: HP-5

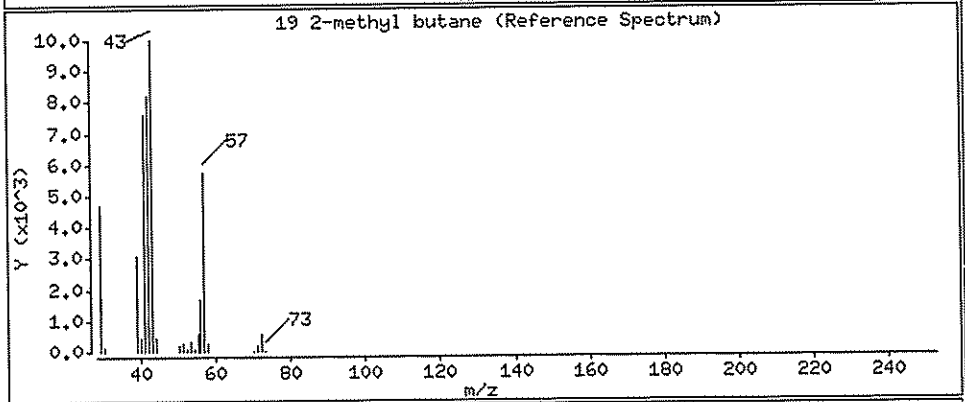
Column diameter: 0.32

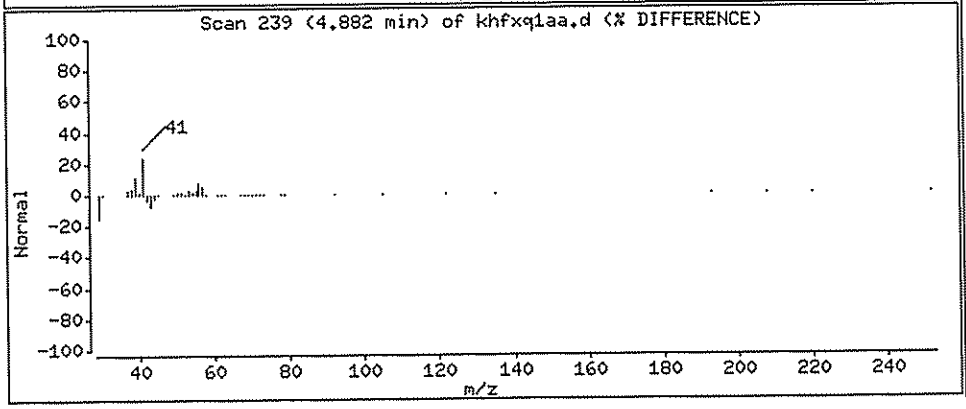
19 2-methyl butane

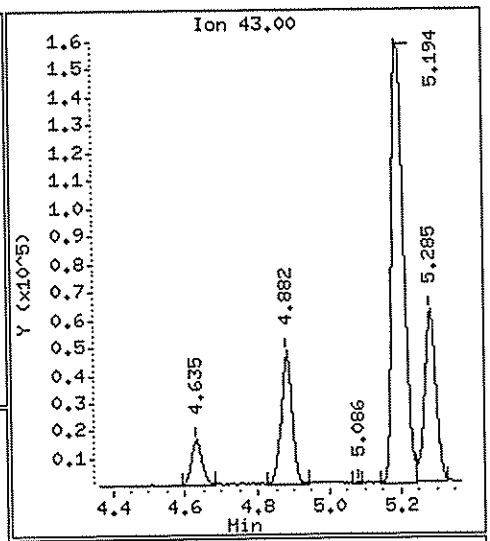
Concentration: 3.039 ppb(v/v)

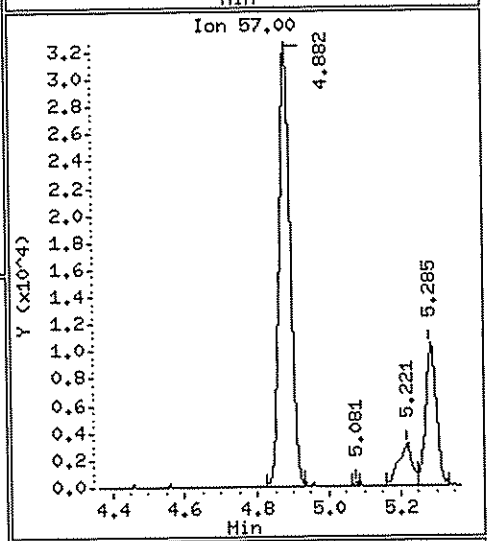


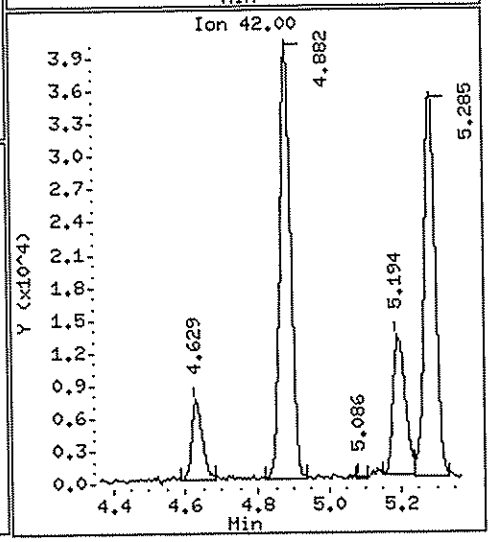












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

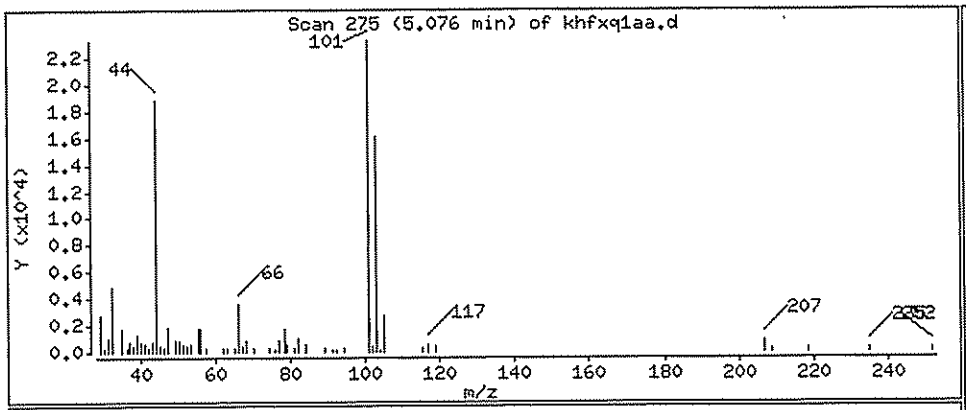
Operator: 7126

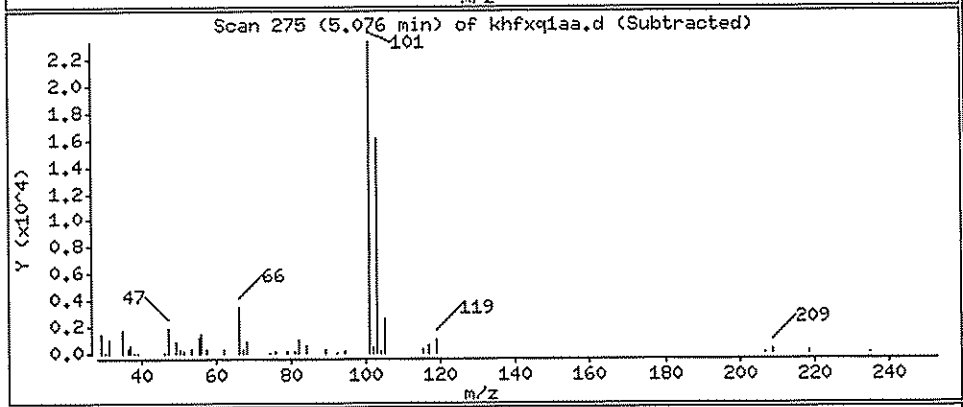
Column phase: HP-5

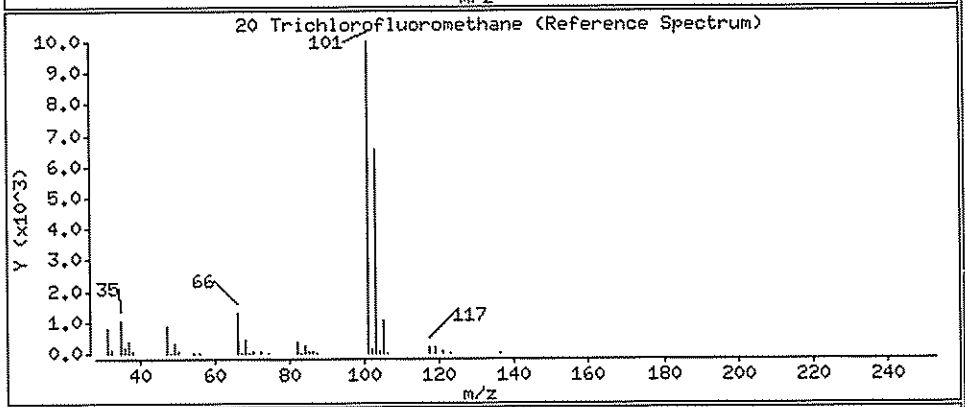
Column diameter: 0.32

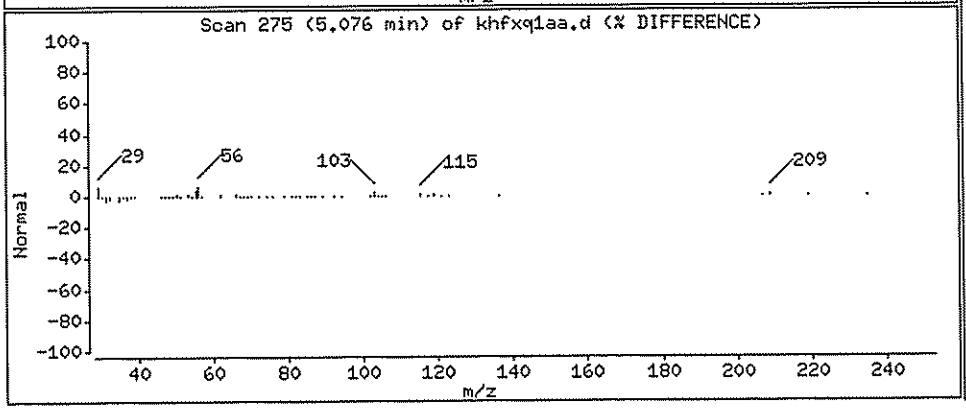
20 Trichlorofluoromethane

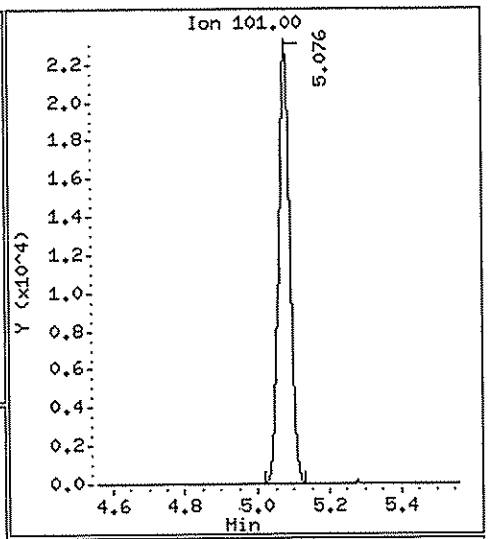
Concentration: 0.3192 ppb(v/v)

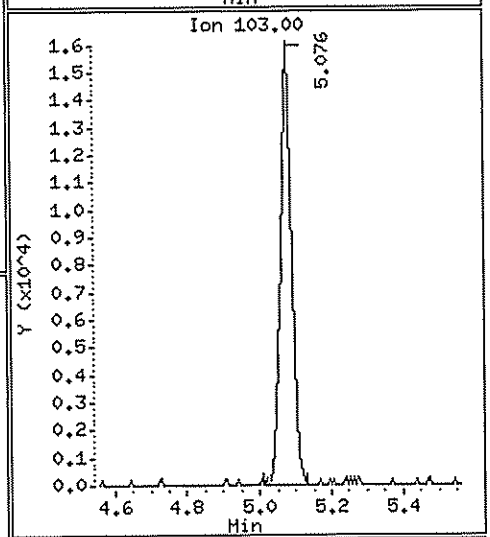


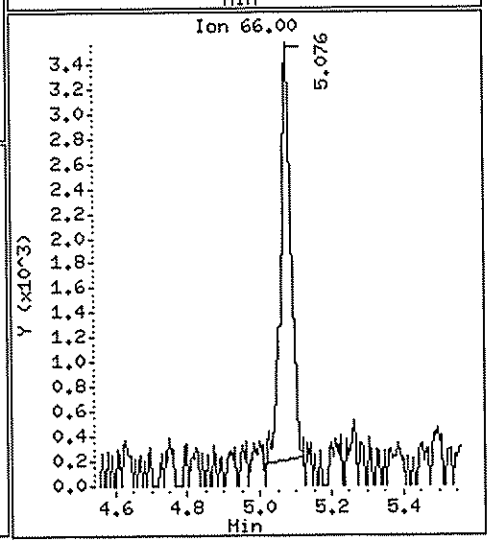












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

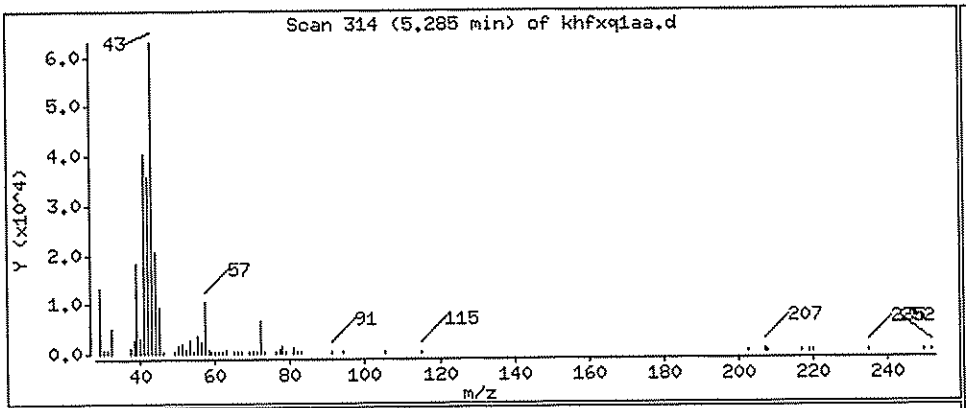
Operator: 7126

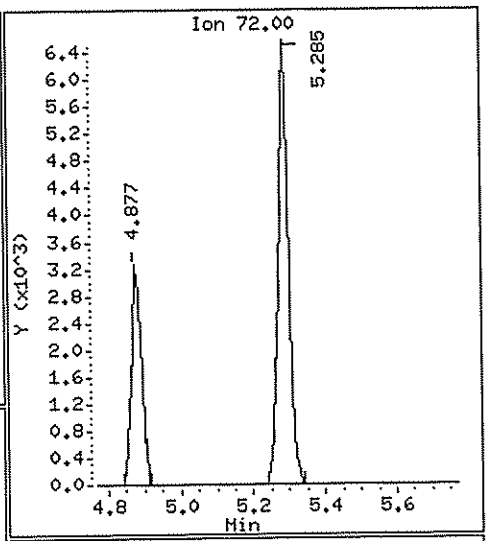
Column phase: HP-5

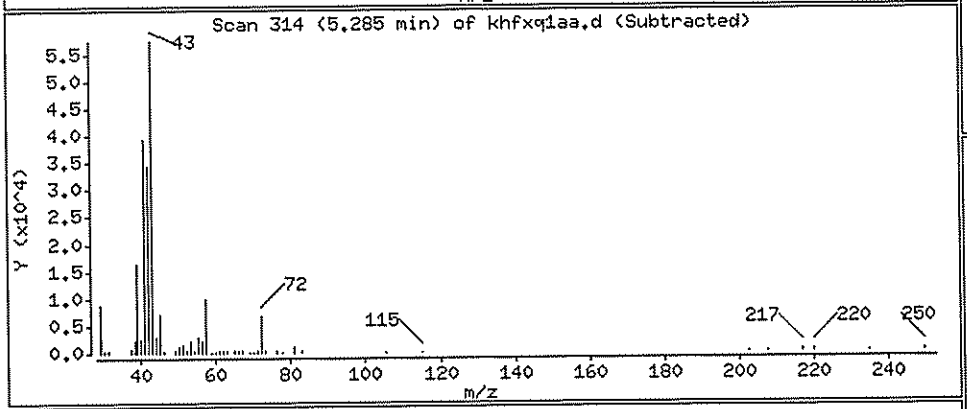
Column diameter: 0.32

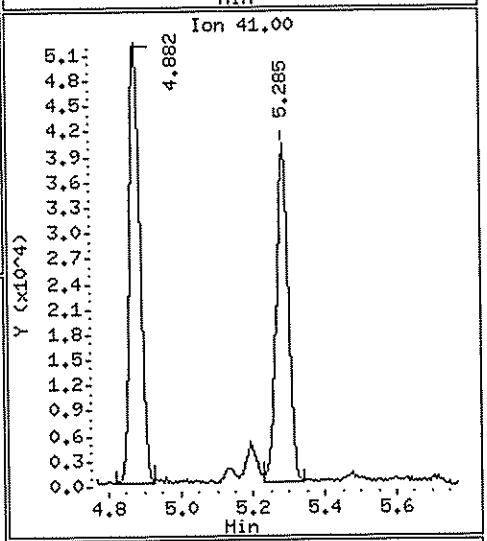
24 Pentane

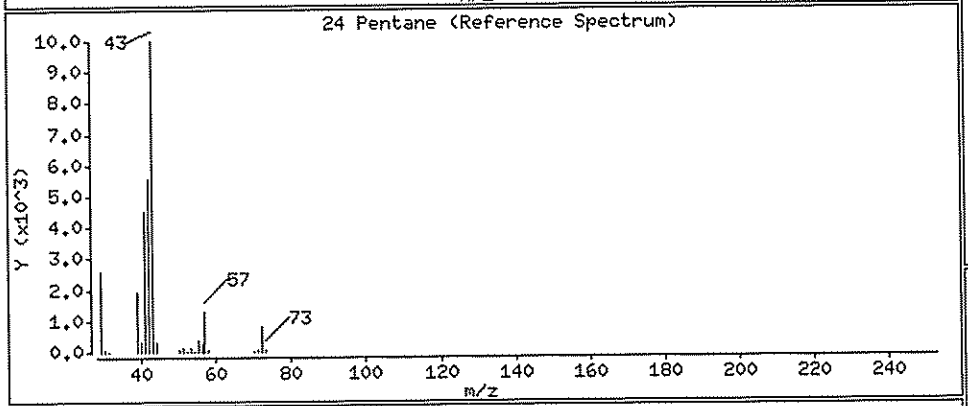
Concentration: 2.707 ppb(v/v)

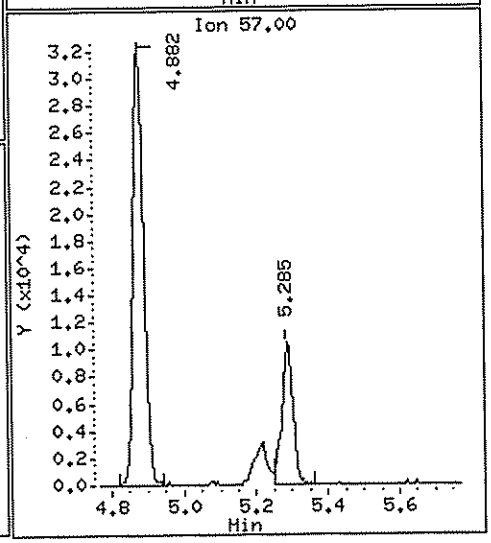


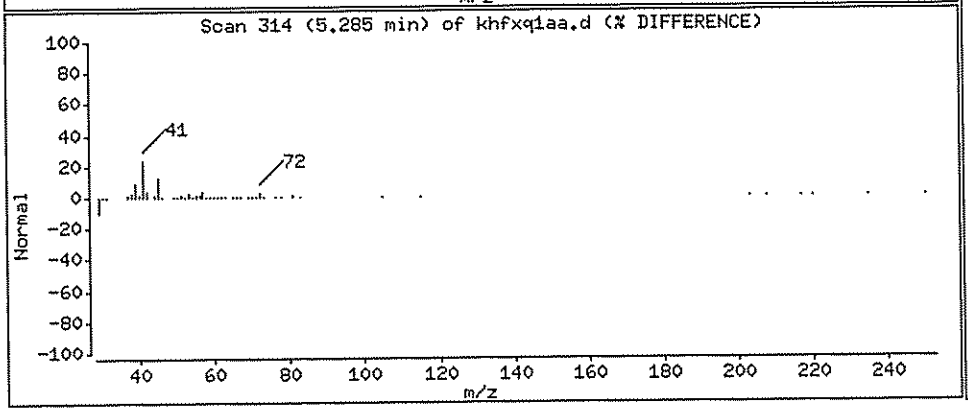












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

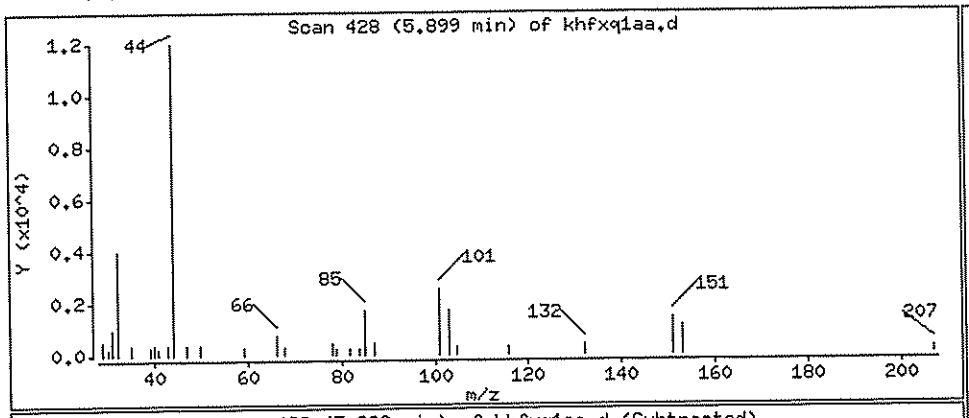
Operator: 7126

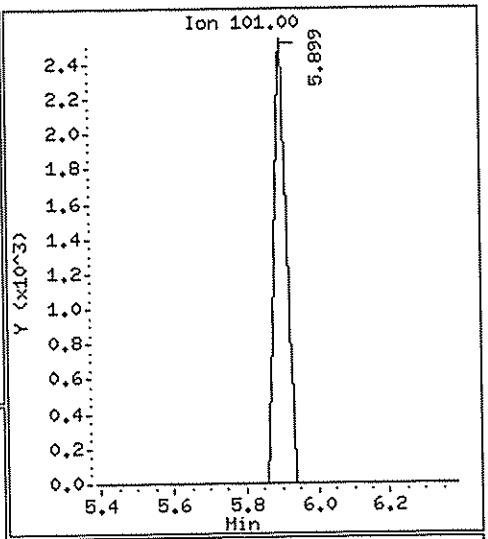
Column phase: HP-5

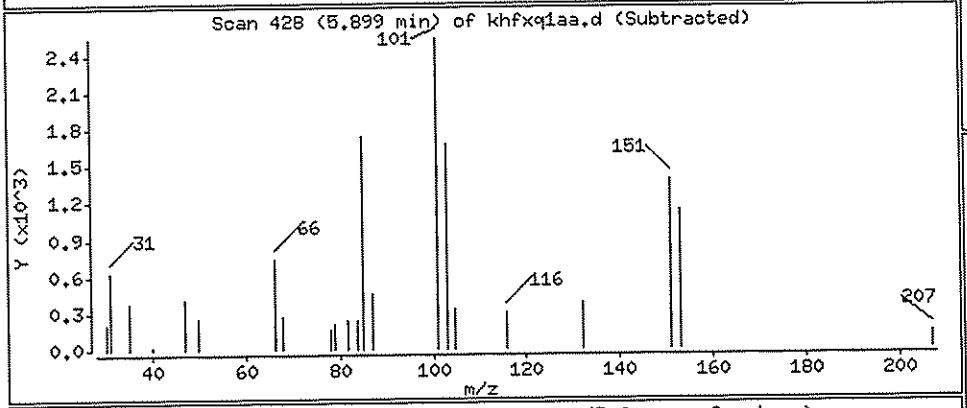
Column diameter: 0.32

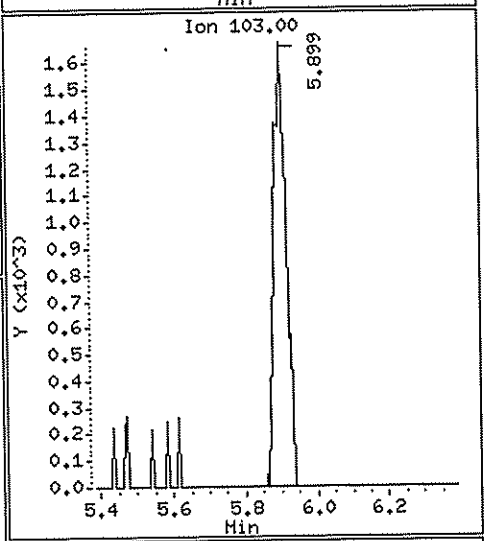
30 1,1,2-Trichlorotrifluoroethane

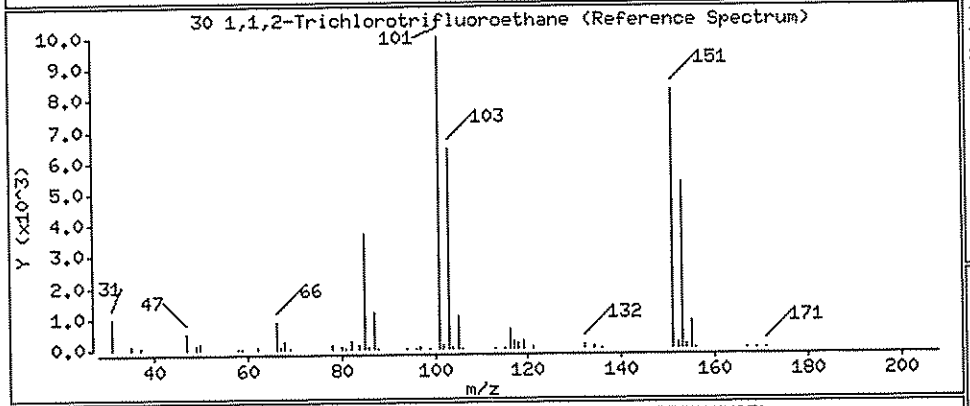
Concentration: 0.09373 ppb(v/v)

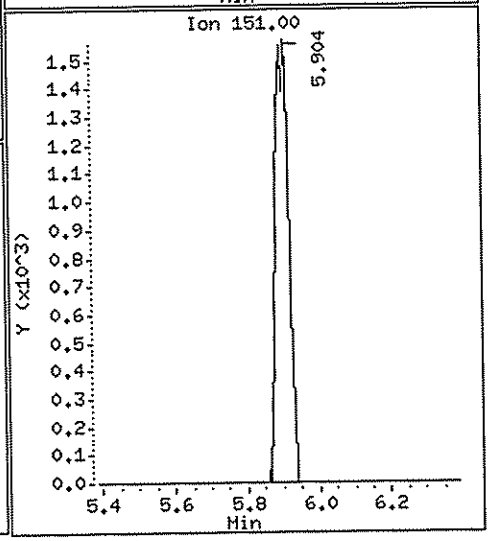


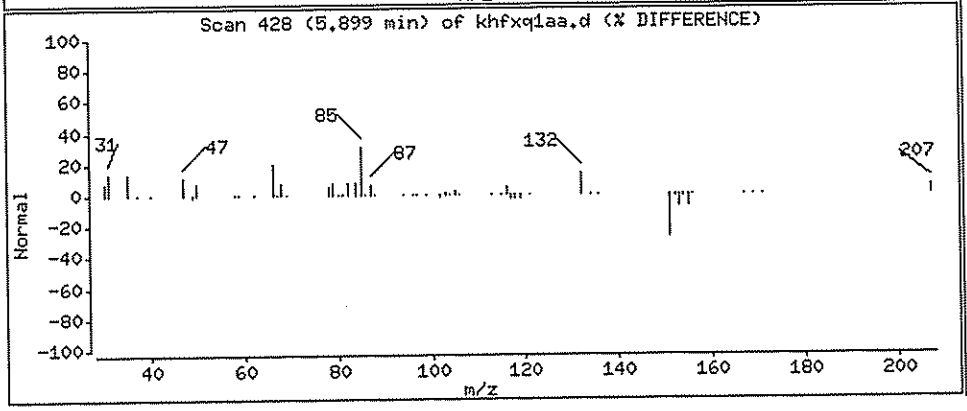












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

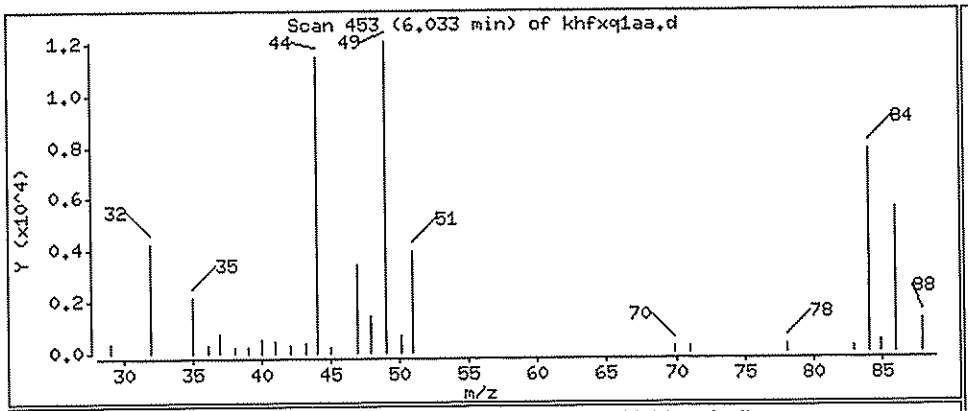
Operator: 7126

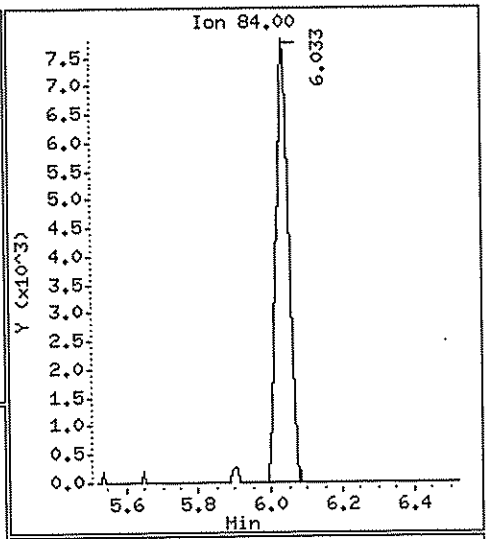
Column phase: HP-5

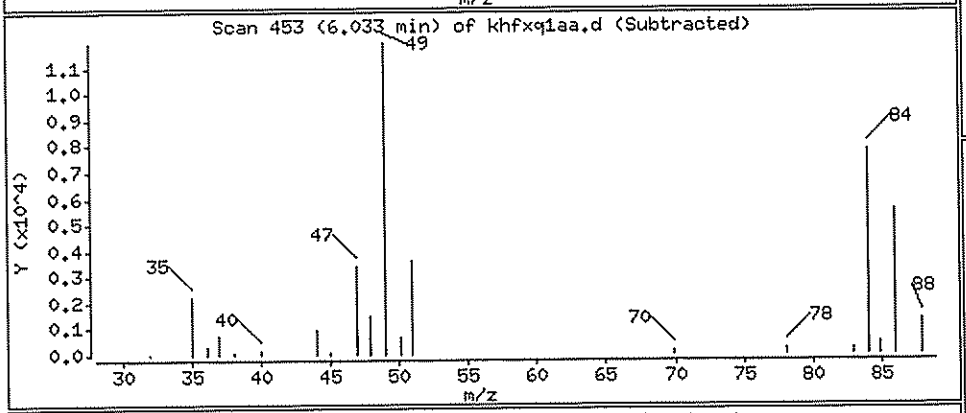
Column diameter: 0.32

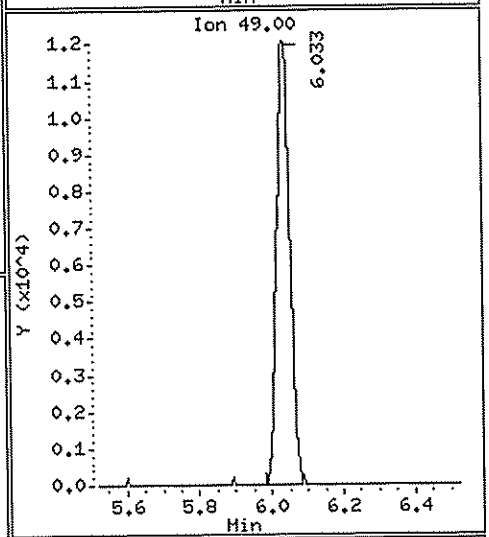
31 Methylene Chloride

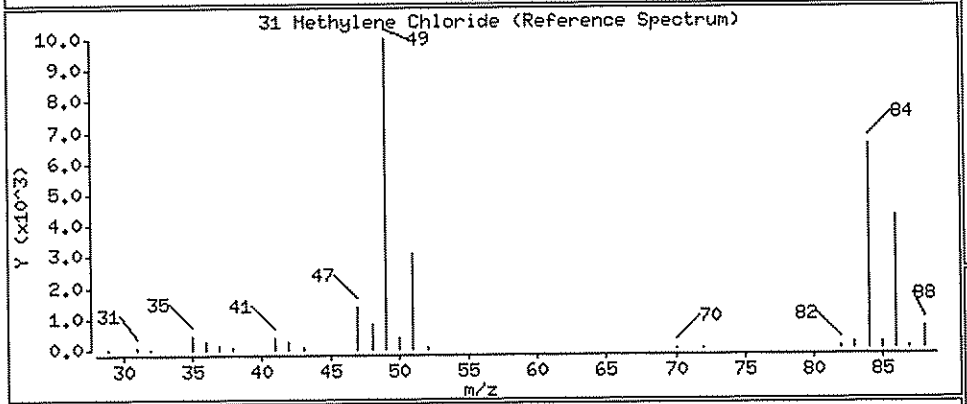
Concentration: 0.7965 ppb(v/v)

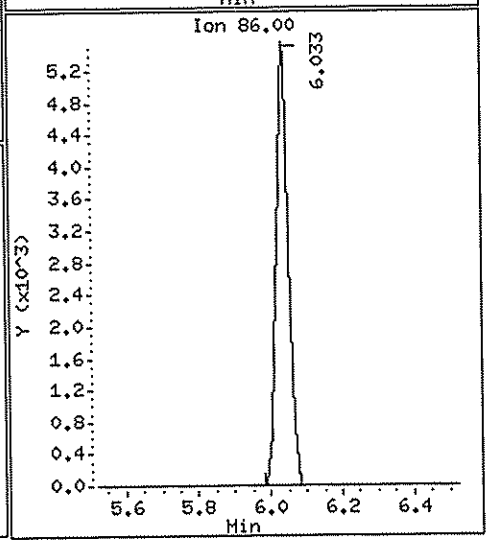


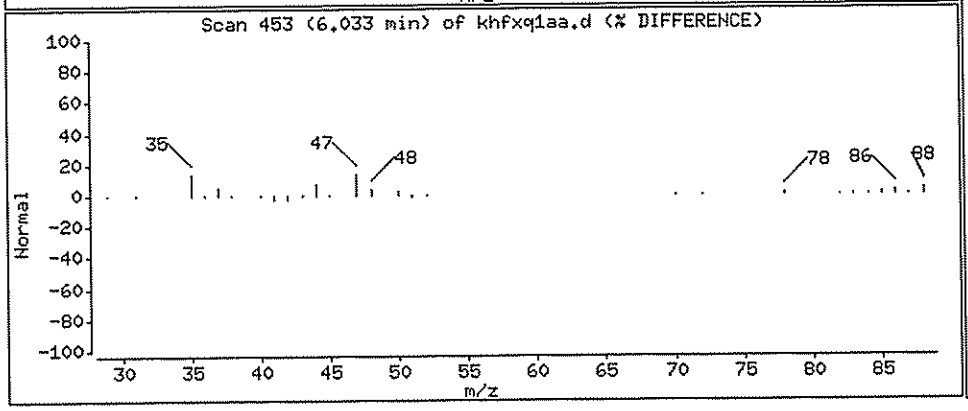












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

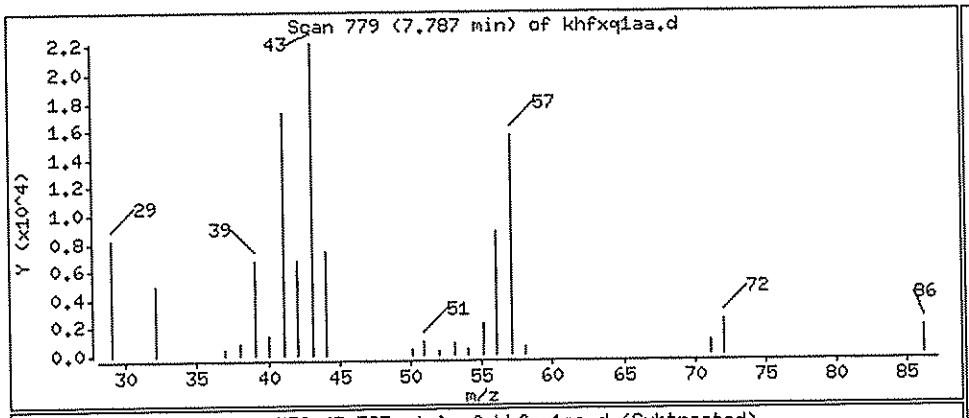
Operator: 7126

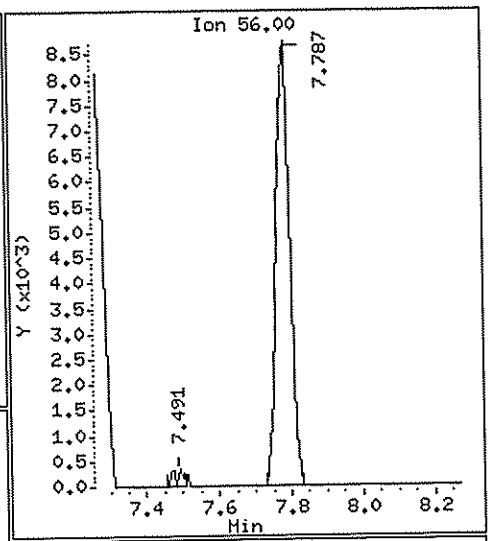
Column phase: HP-5

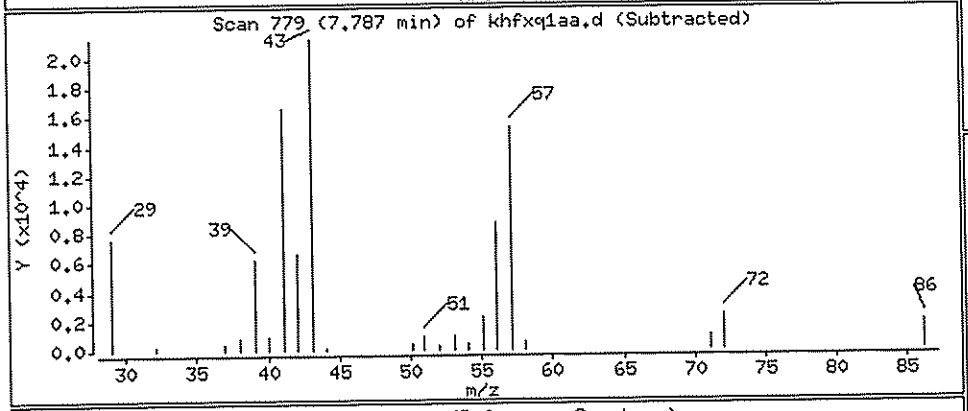
Column diameter: 0.32

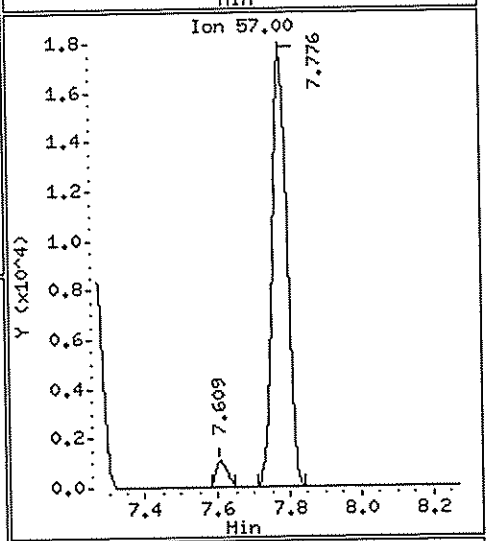
38 Hexane

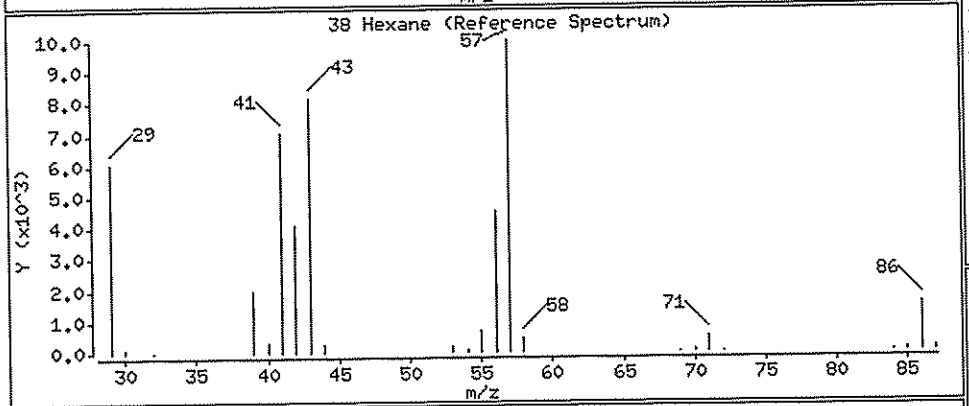
Concentration: 1.026 ppb(v/v)

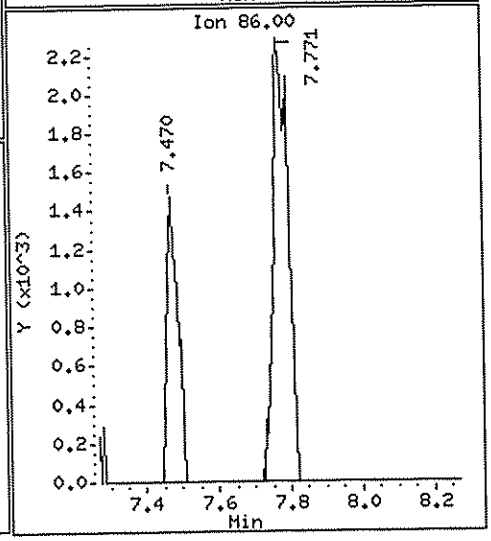


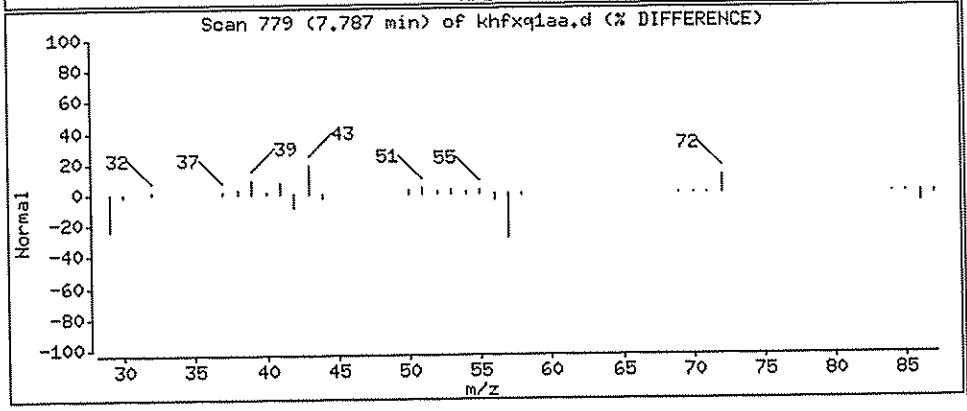












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

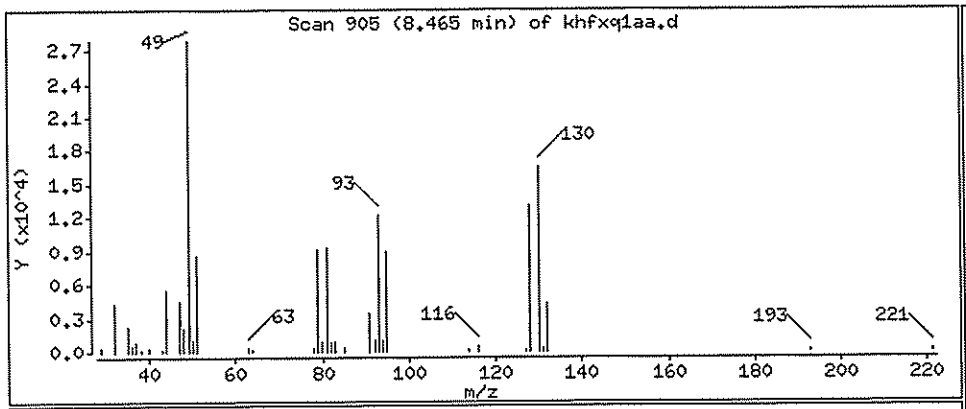
Operator: 7126

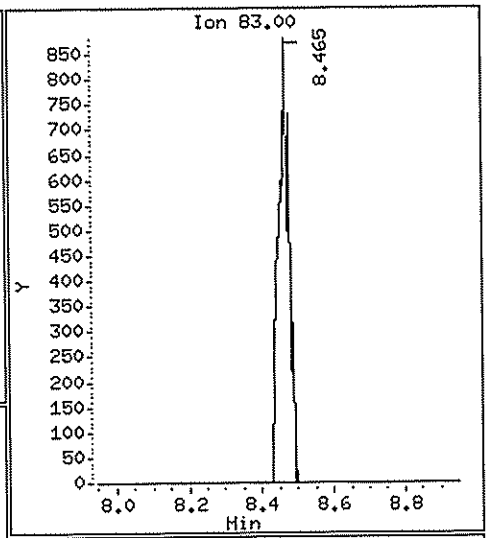
Column phase: HP-5

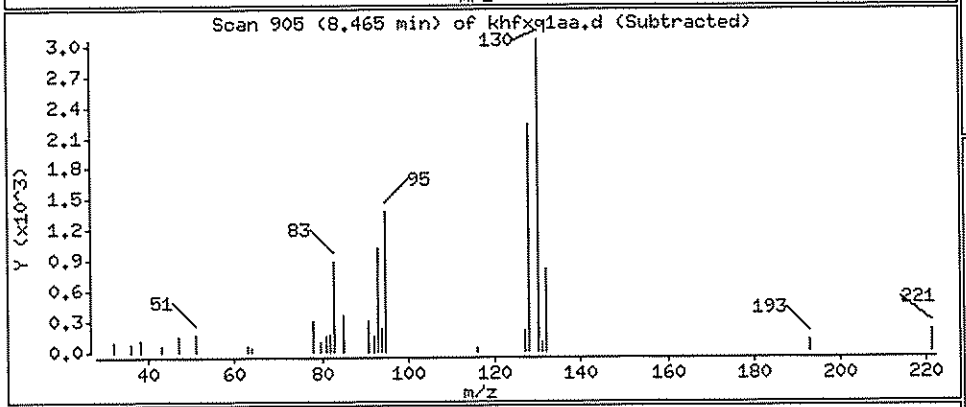
Column diameter: 0.32

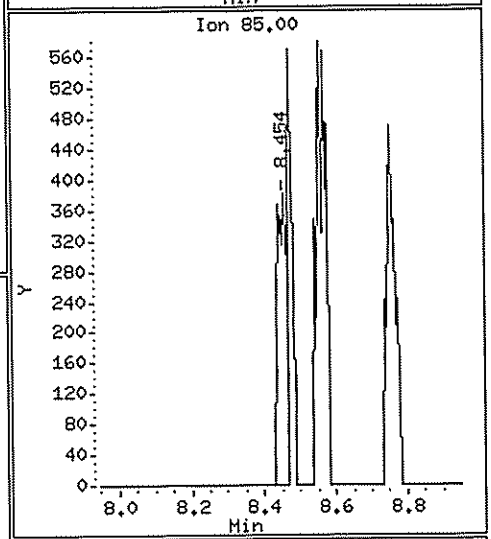
42 Chloroform

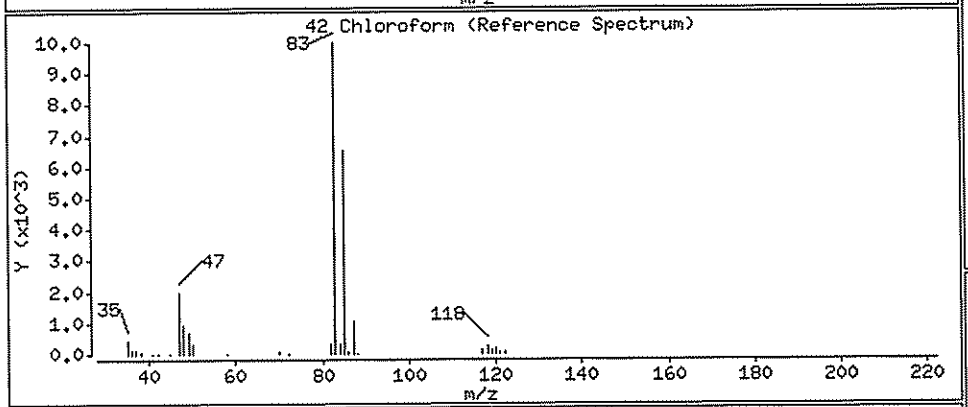
Concentration: 0.02252 ppb(v/v)

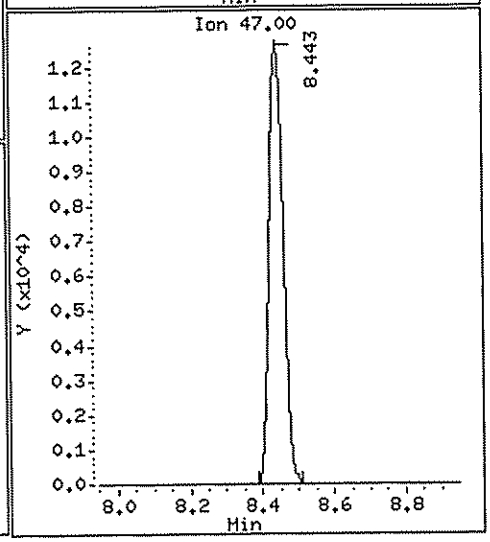


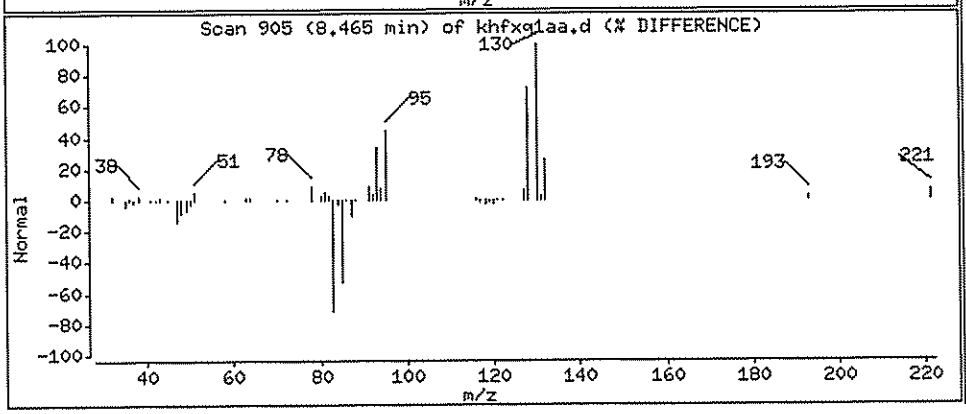












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

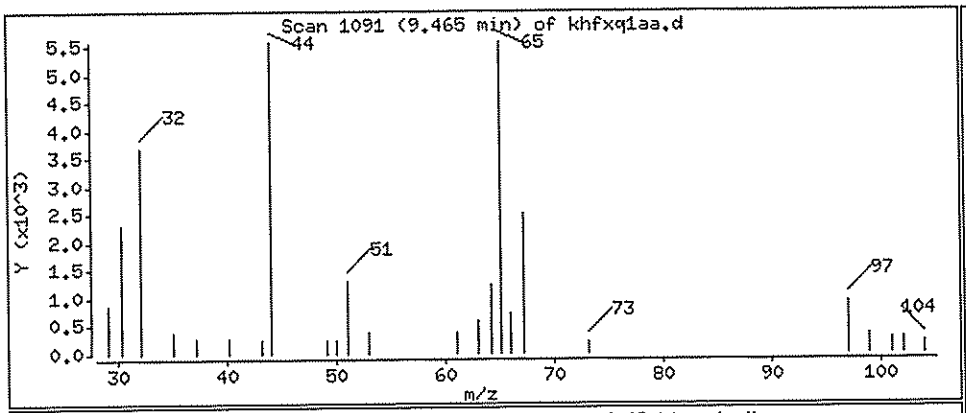
Operator: 7126

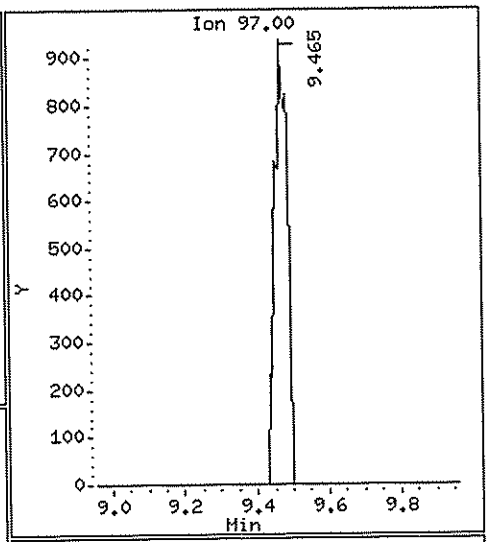
Column phase: HP-5

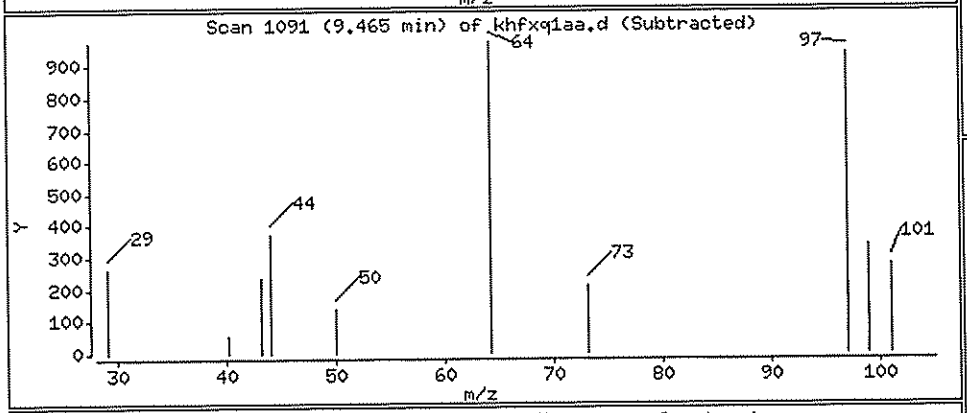
Column diameter: 0.32

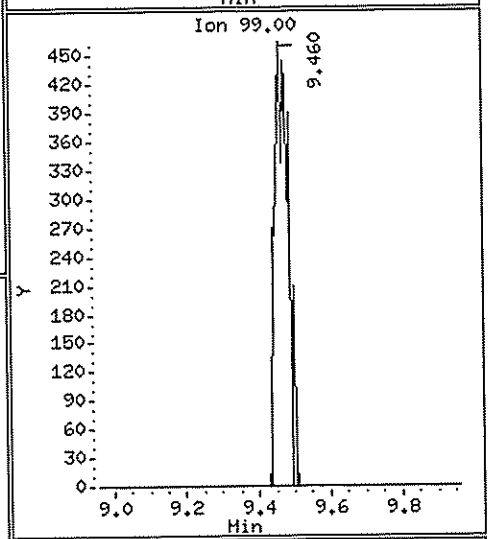
44 1,1,1-Trichloroethane

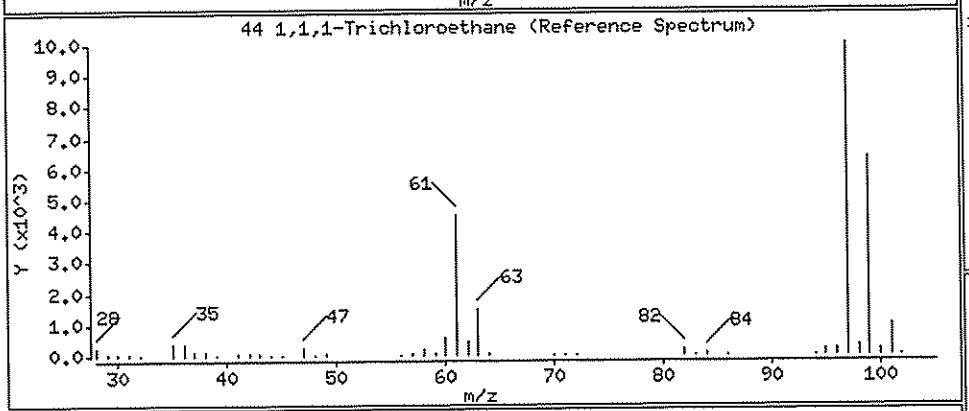
Concentration: 0.02416 ppb(v/v)

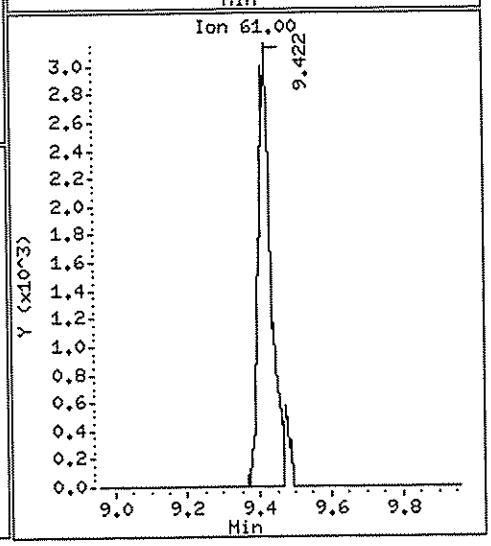


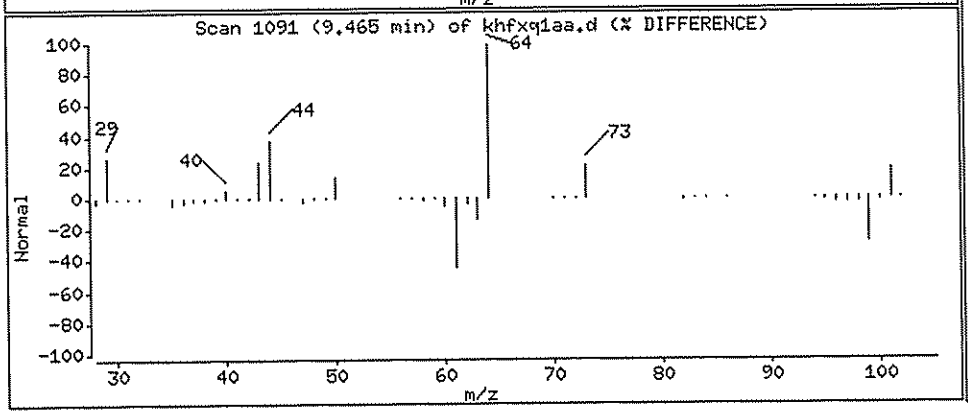












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Operator: 7126

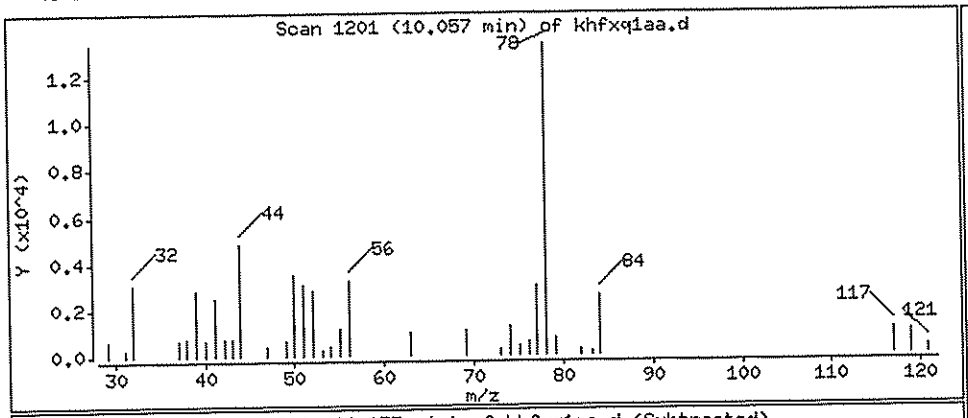
Purge Volume: 500.0

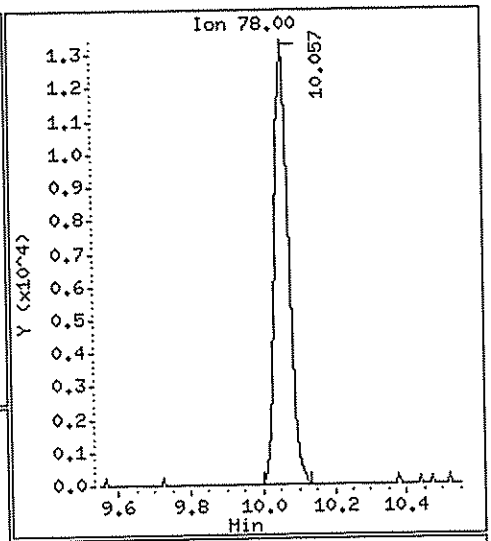
Column phase: HP-5

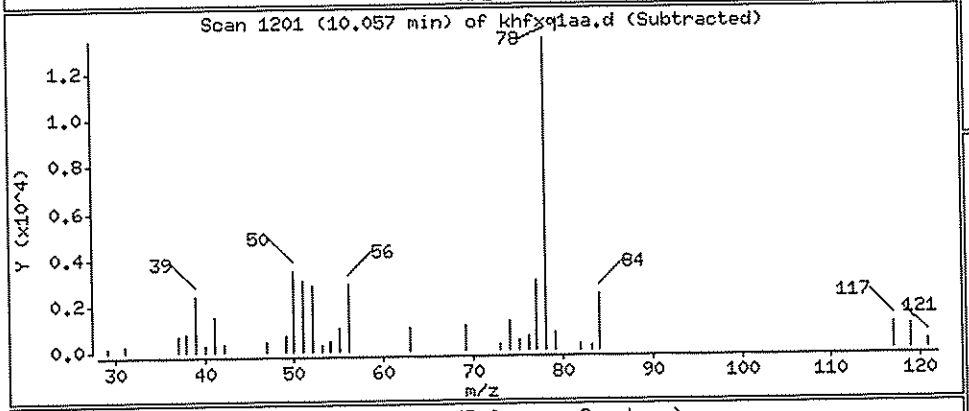
Column diameter: 0.32

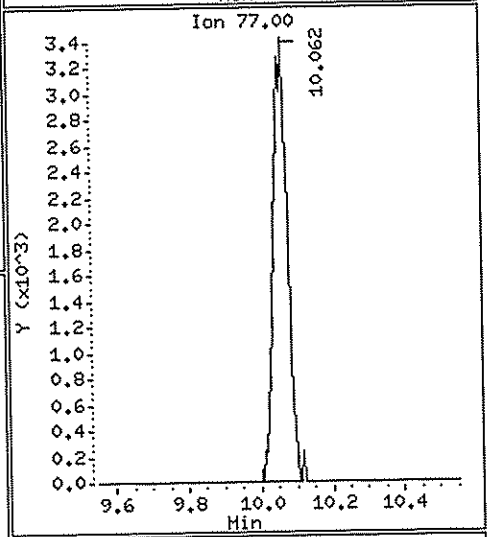
Concentration: 0.5008 ppb(v/v)

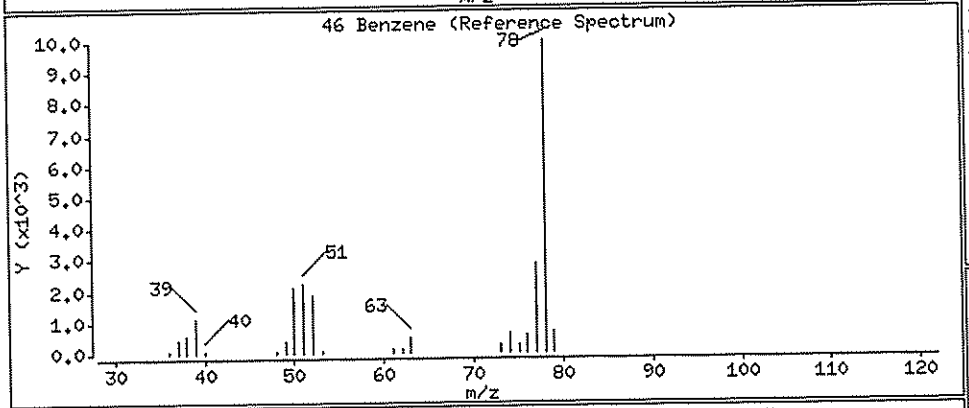
46 Benzene

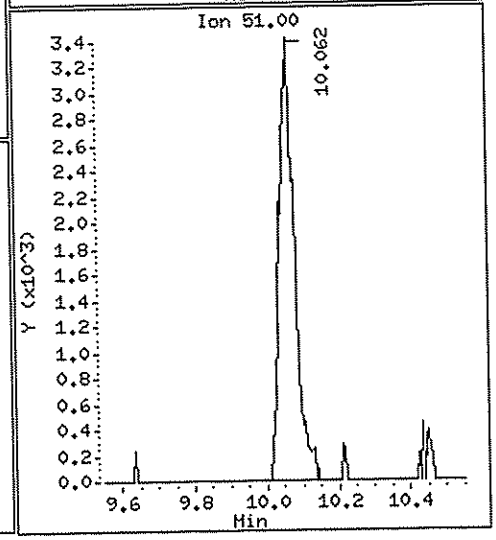


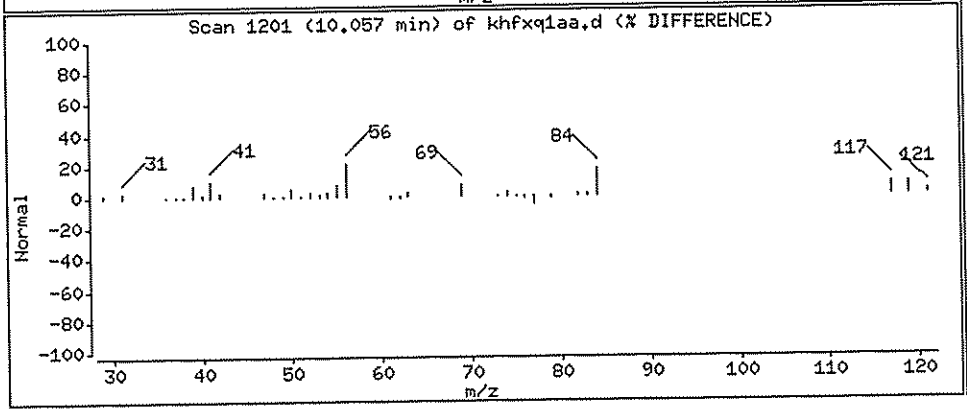












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

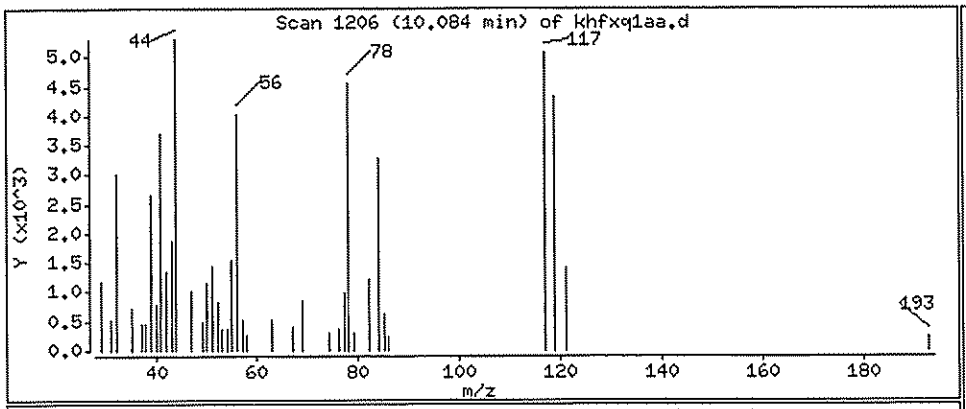
Operator: 7126

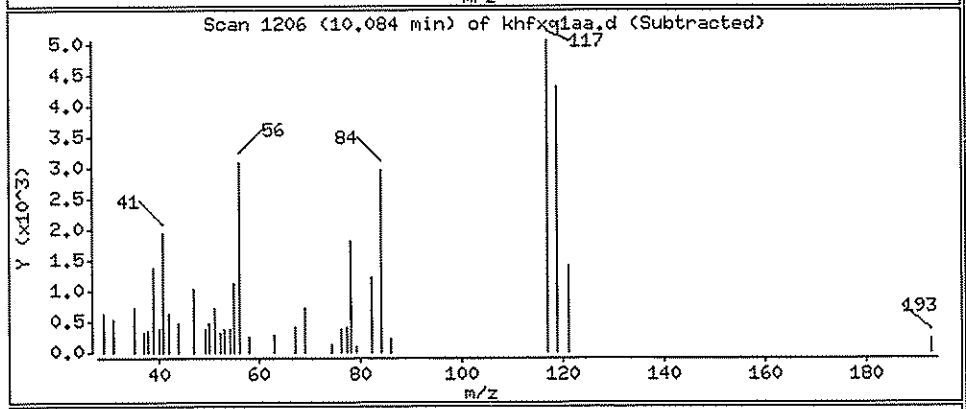
Column phase: HP-5

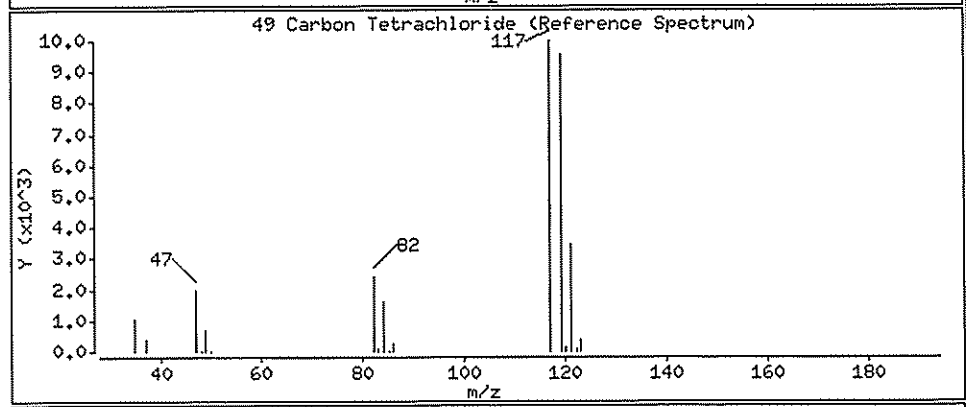
Column diameter: 0.32

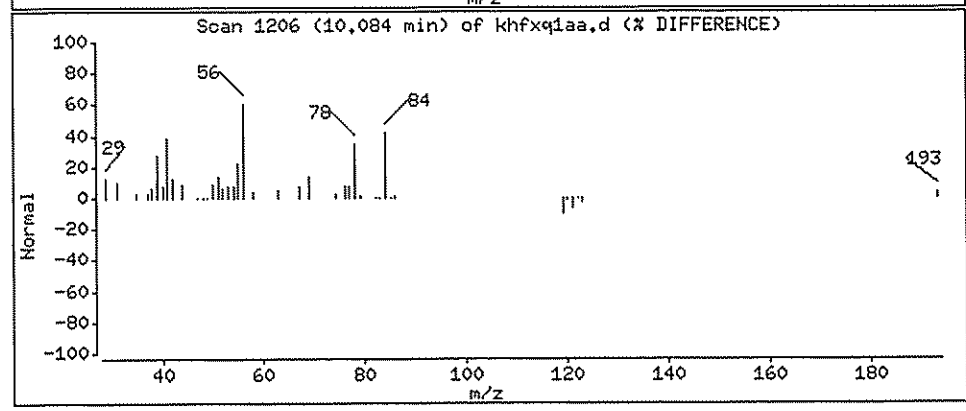
49 Carbon Tetrachloride

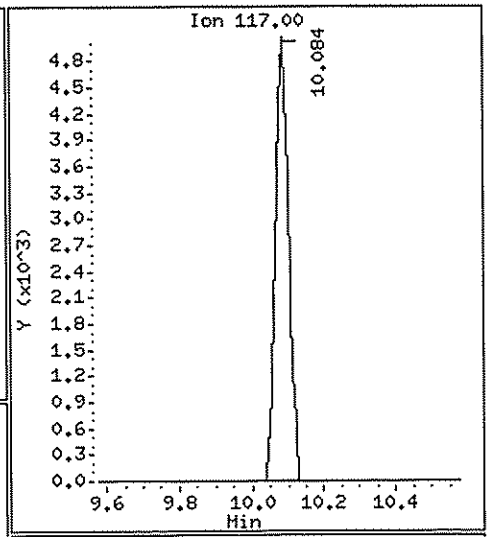
Concentration: 0.09908 ppb(v/v)

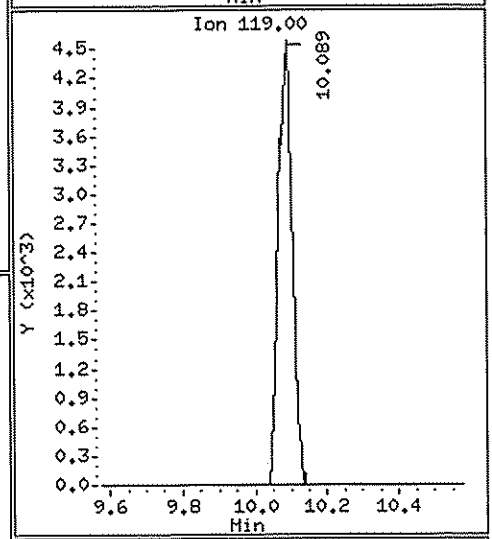


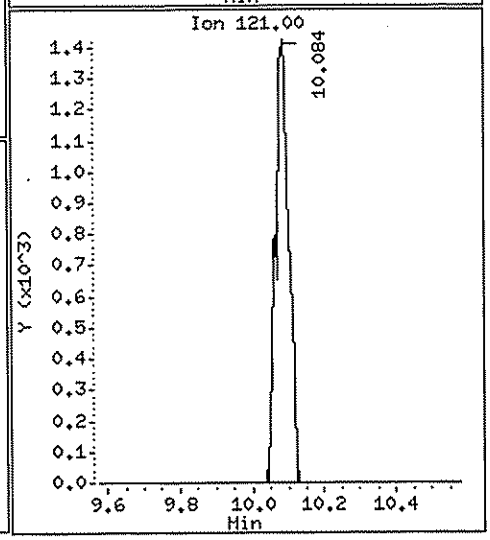












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

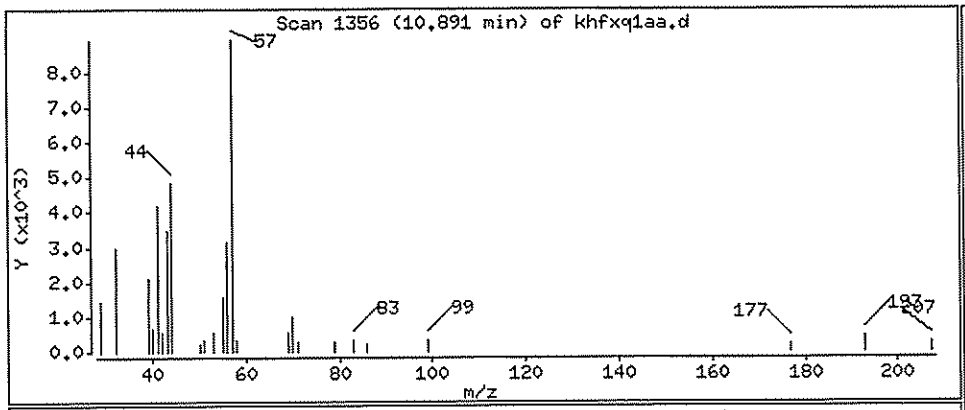
Operator: 7126

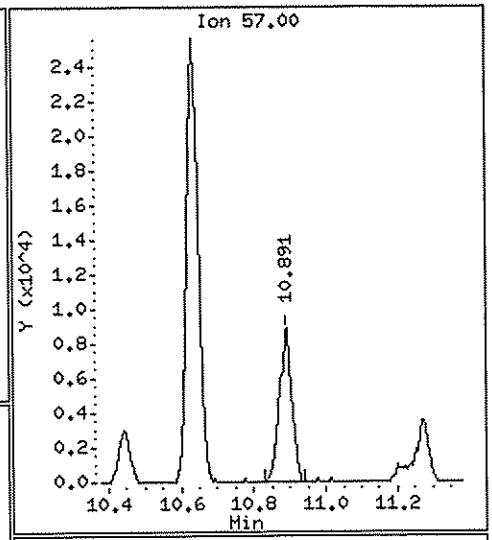
Column phase: HP-5

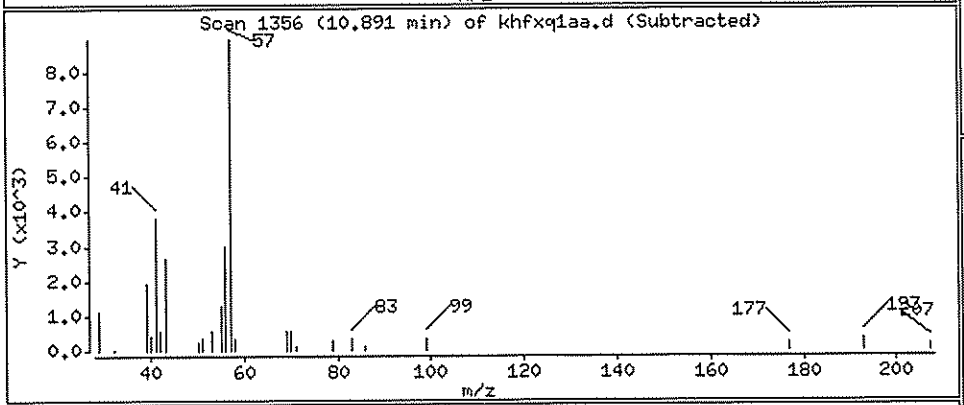
Column diameter: 0.32

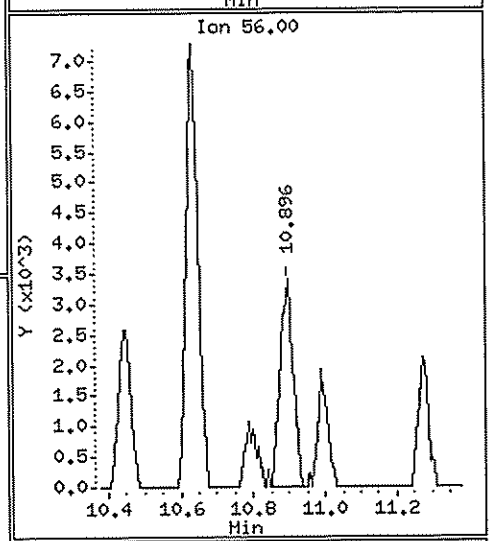
50 2,2,4-trimethylpentane

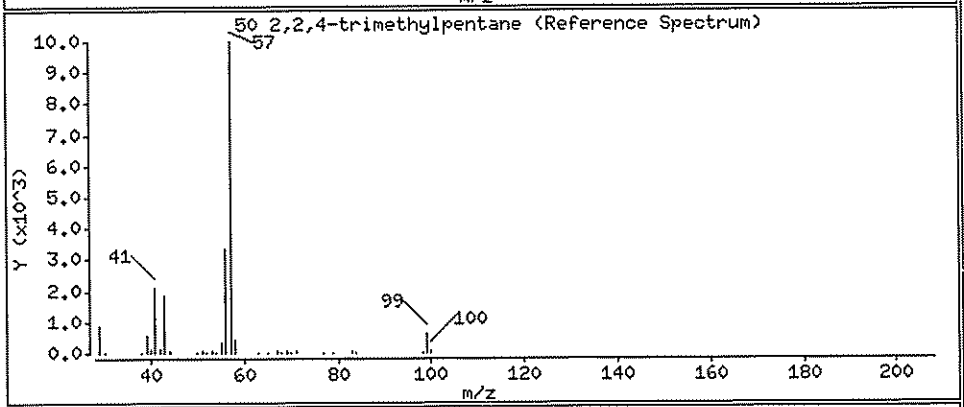
Concentration: 0.1715 ppb(v/v)

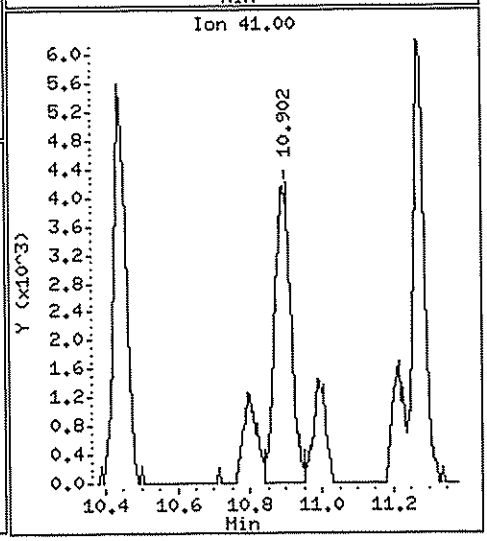


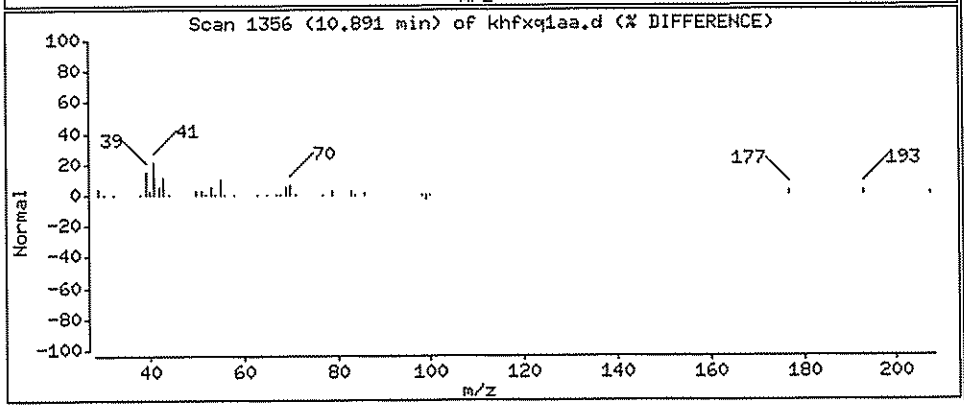












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

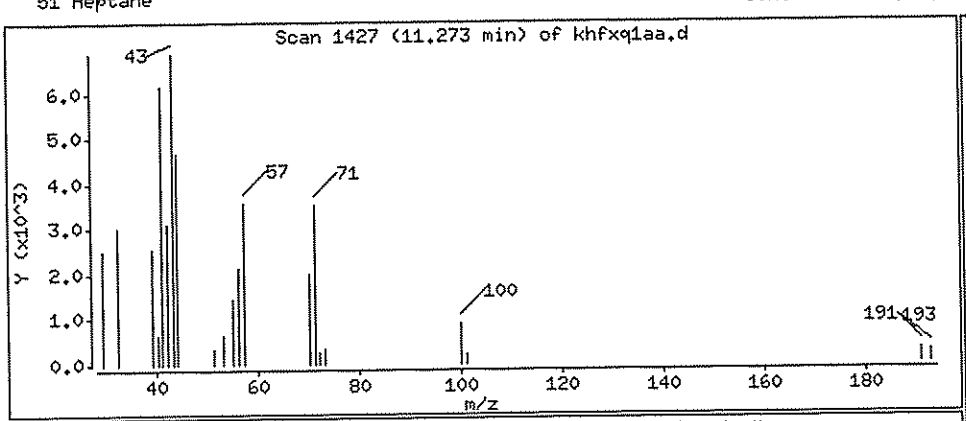
Operator: 7126

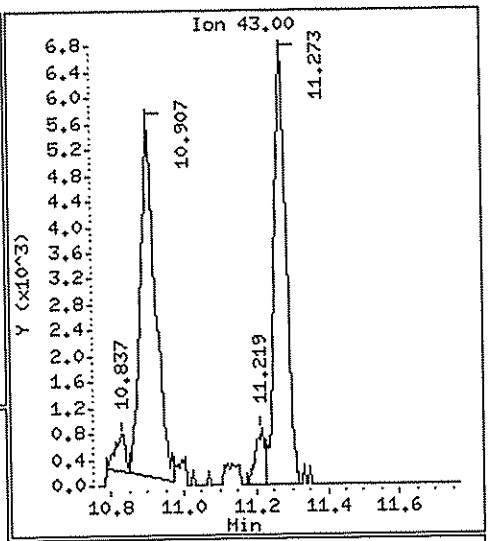
Column phase: HP-5

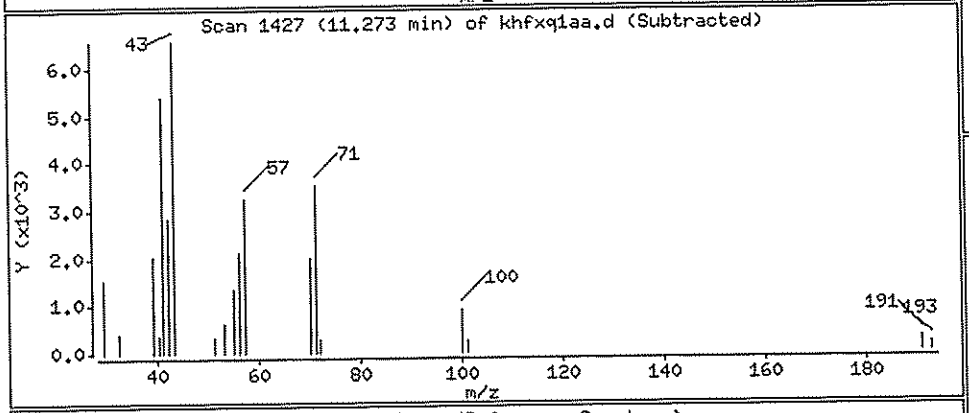
Column diameter: 0.32

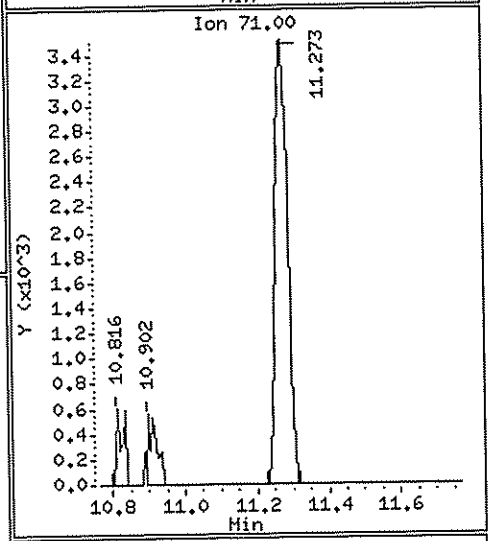
Concentration: 0.3284 ppb(v/v)

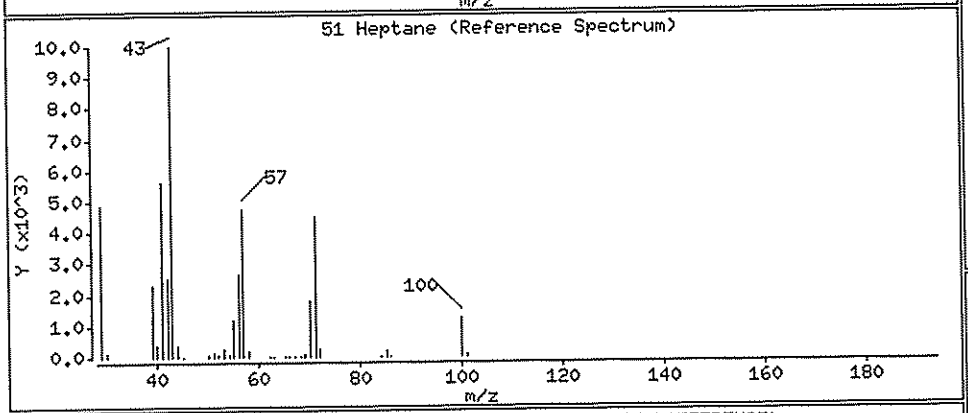
51 Heptane

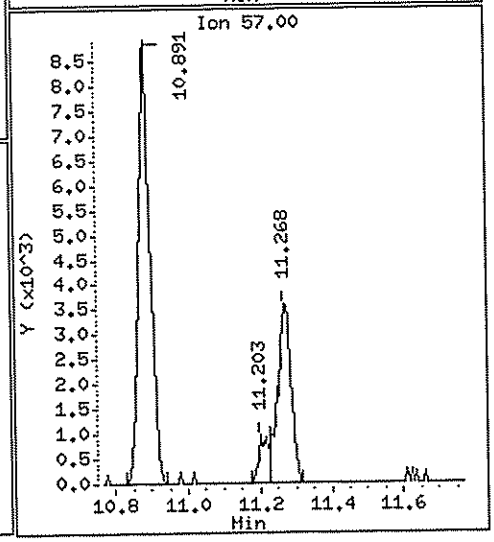


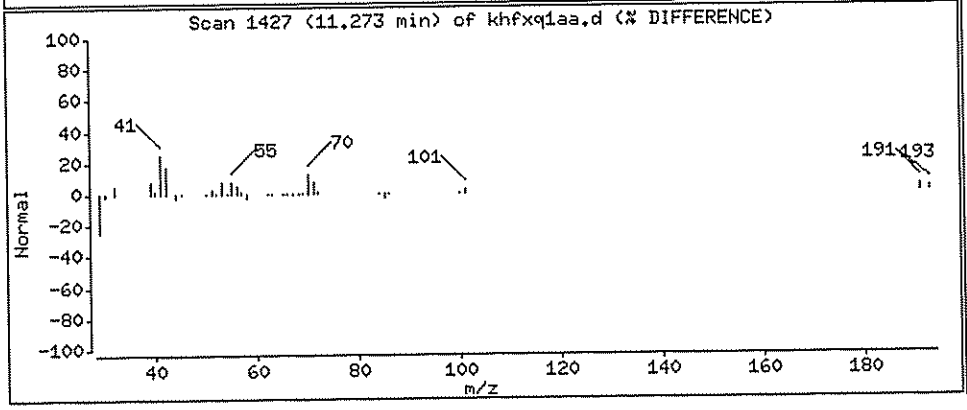












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

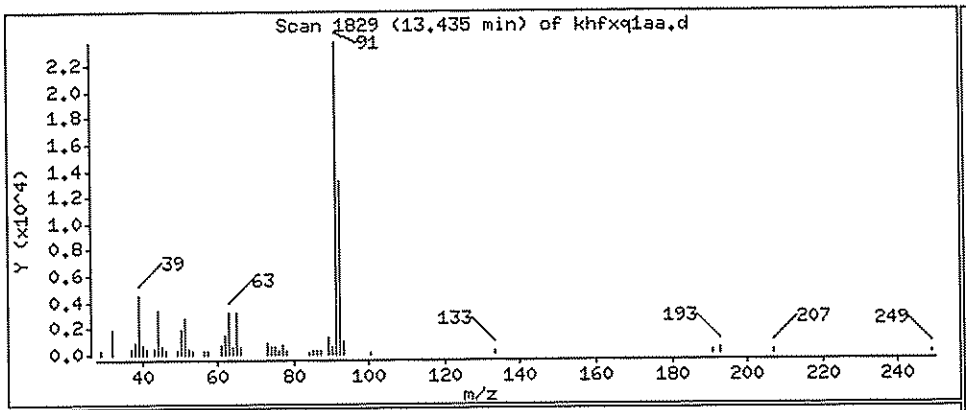
Operator: 7126

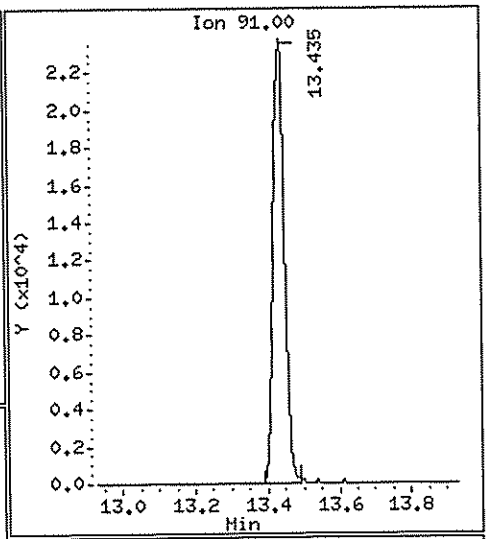
Column phase: HP-5

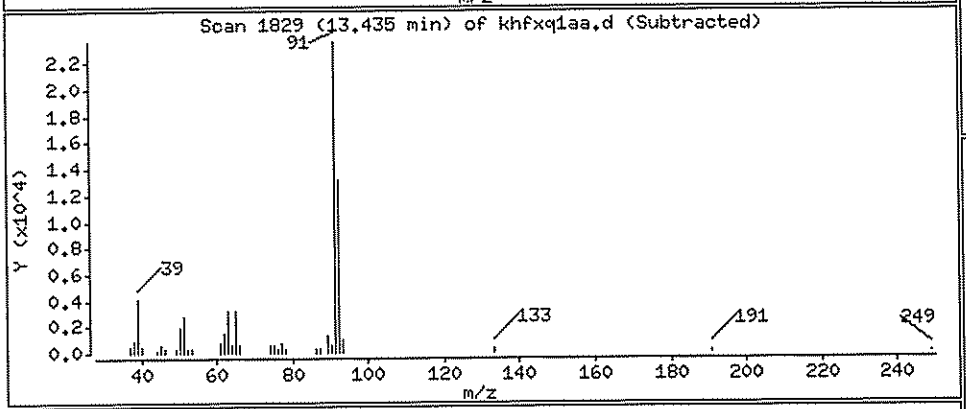
Column diameter: 0.32

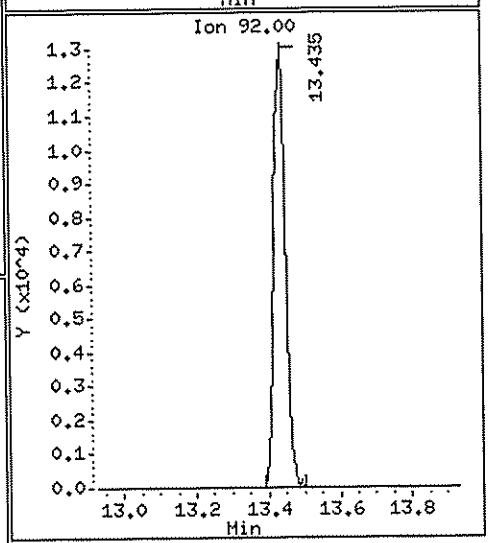
61 Toluene

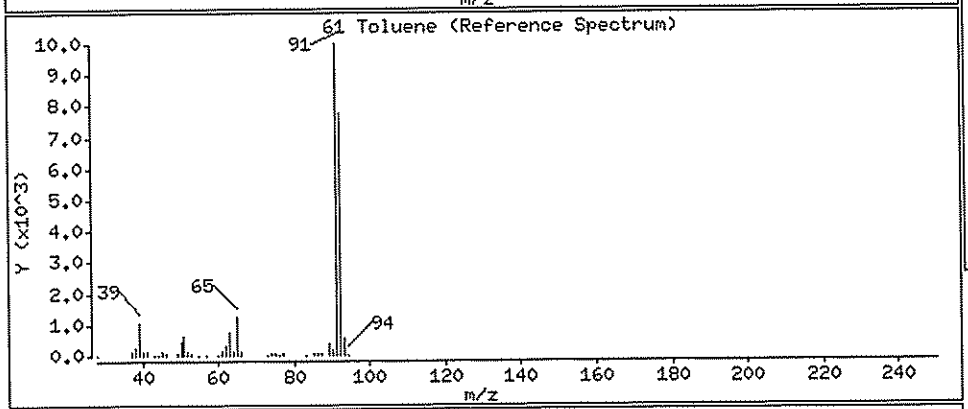
Concentration: 0.5986 ppb(v/v)

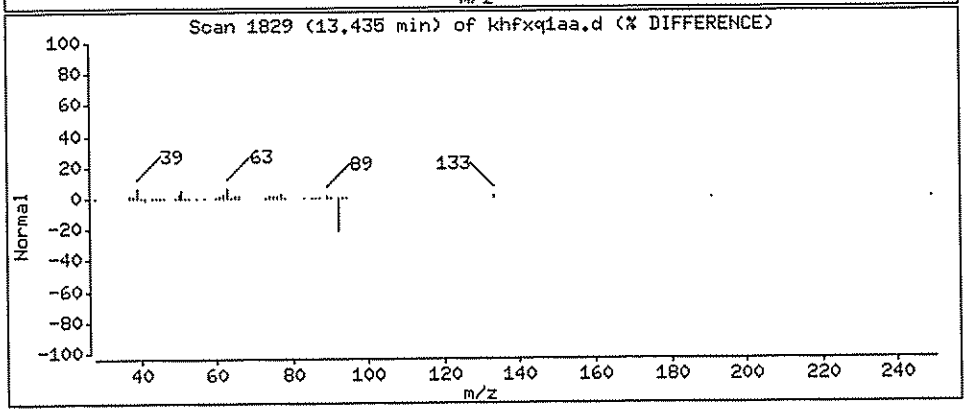












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

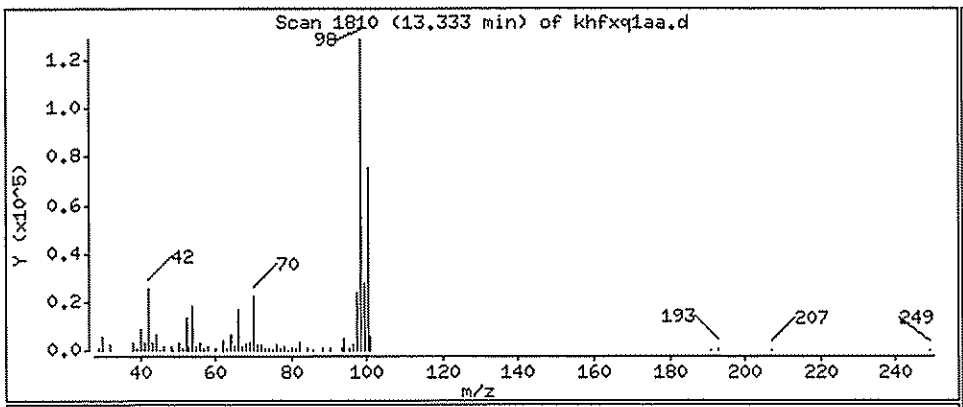
Operator: 7126

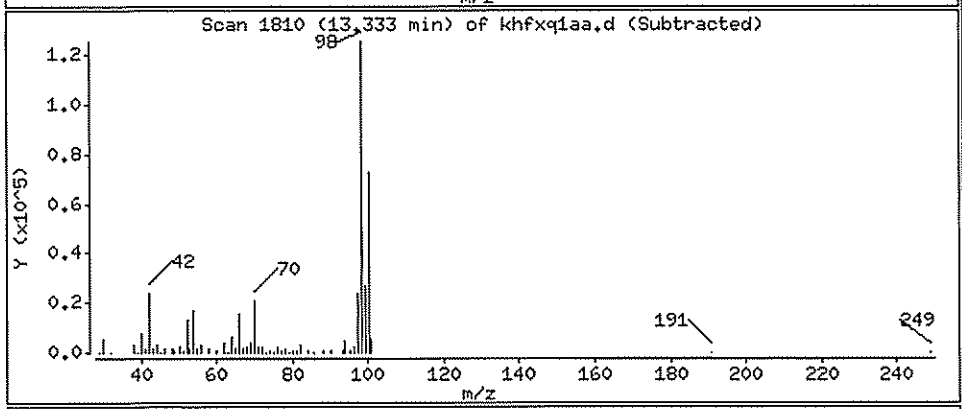
Column phase: HP-5

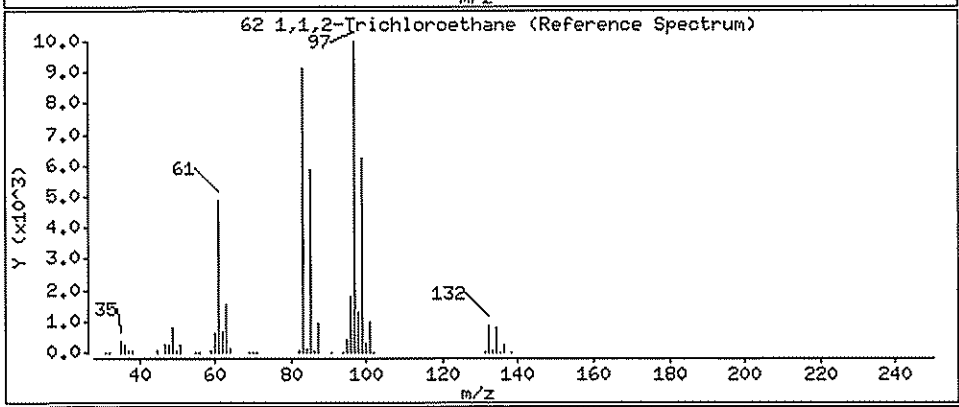
Column diameter: 0.32

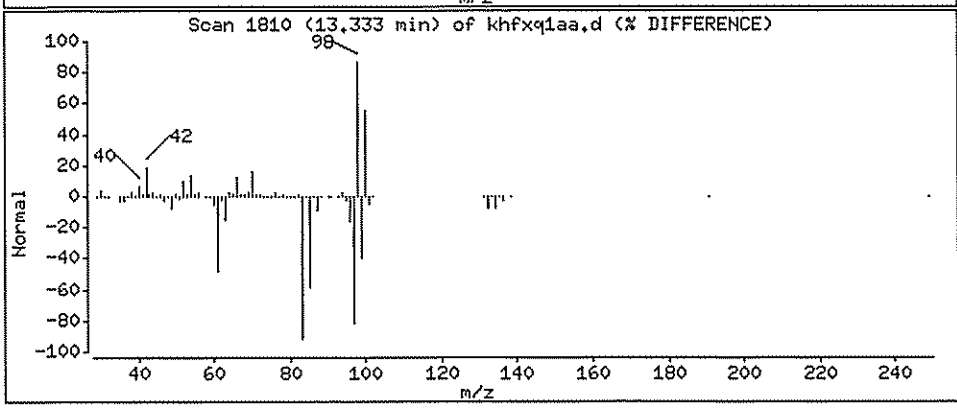
62 1,1,2-Trichloroethane

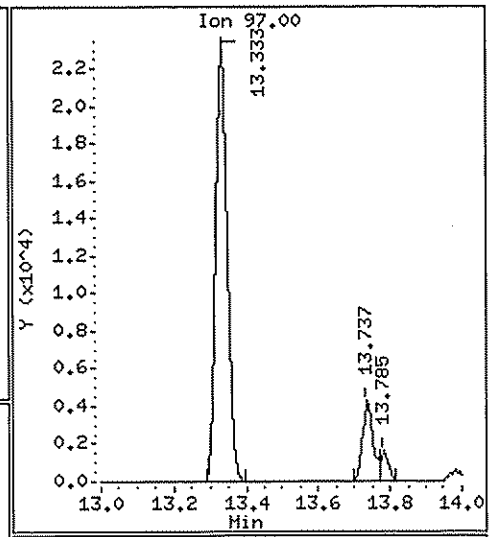
Concentration: 2.158 ppb(v/v)

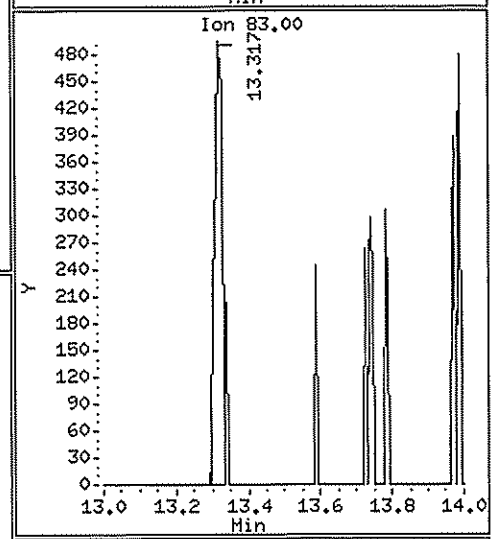


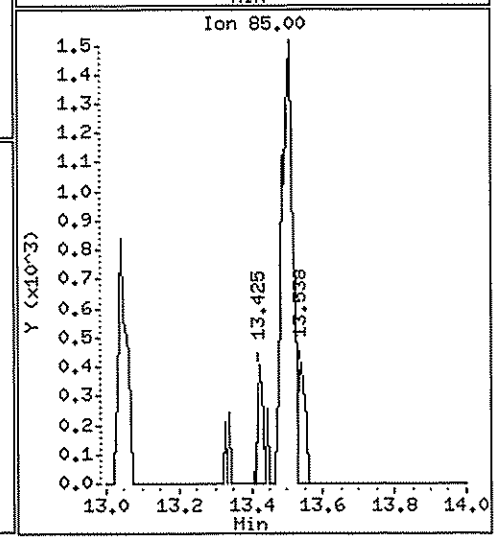












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

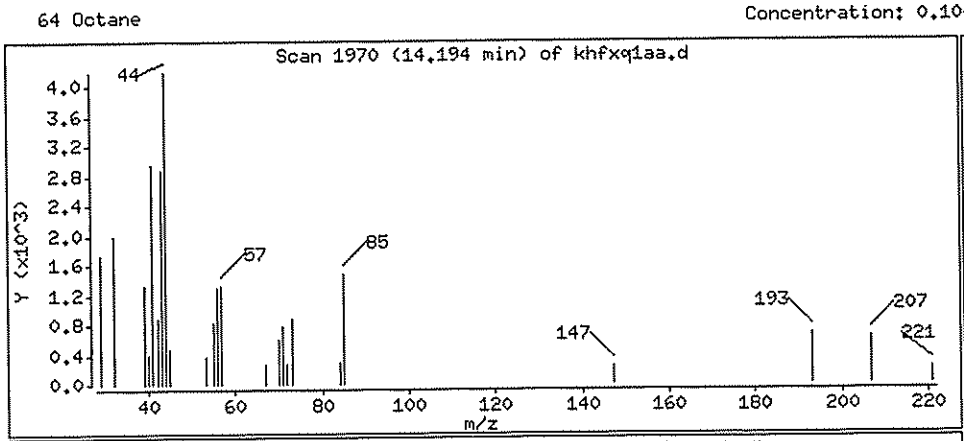
Operator: 7126

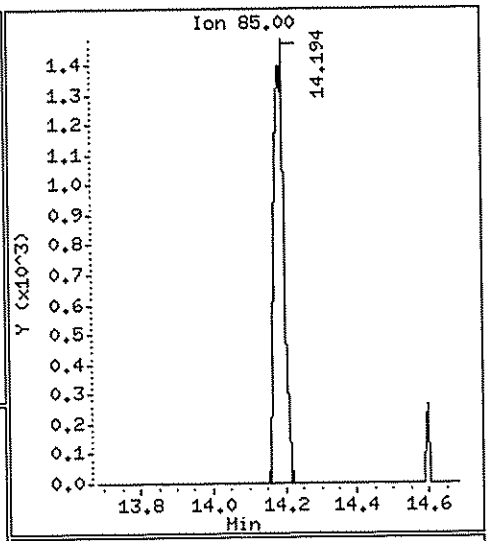
Column phase: HP-5

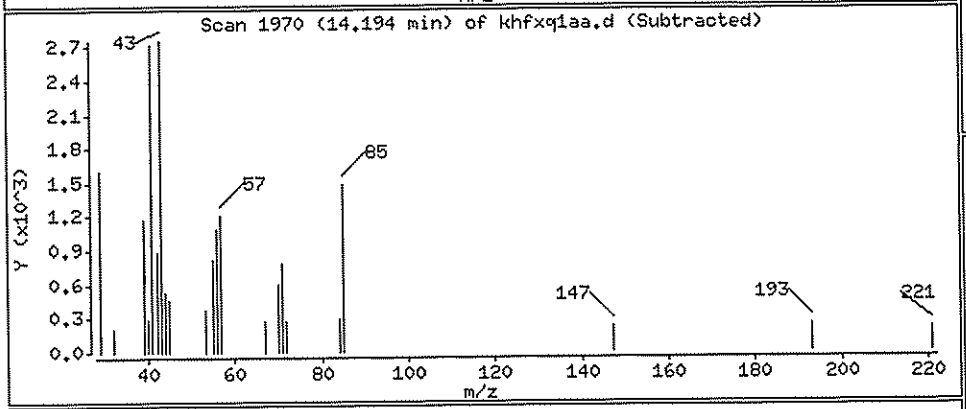
Column diameter: 0.32

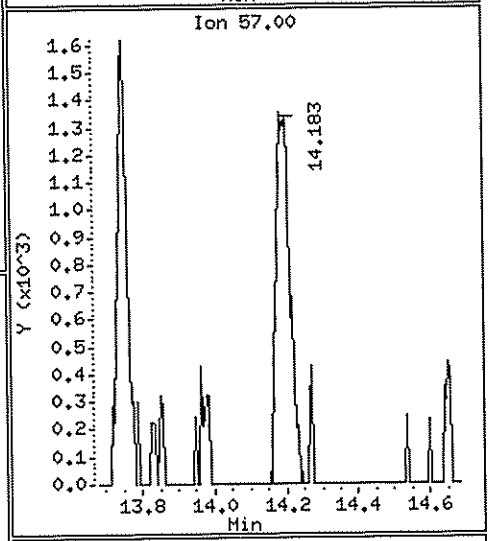
64 Octane

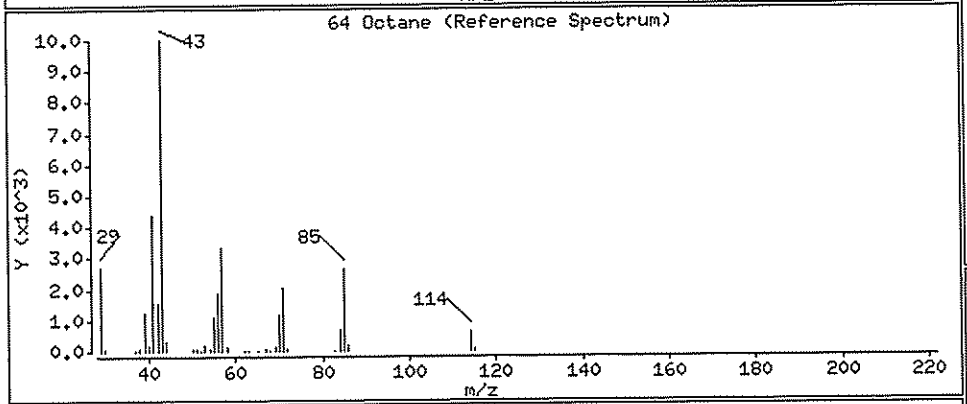
Concentration: 0.1047 ppb(v/v)

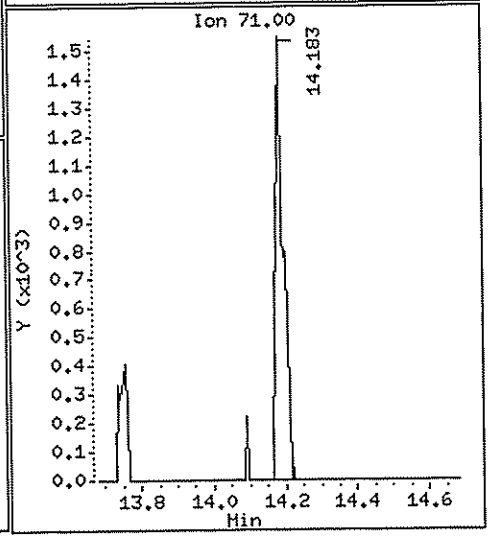


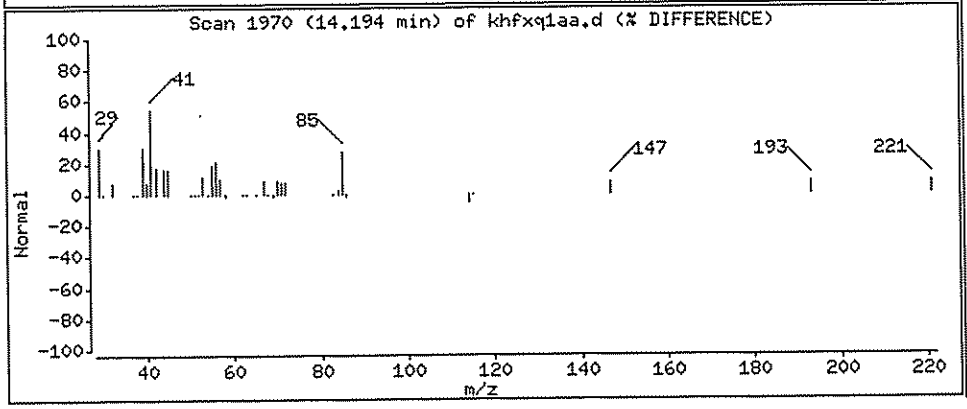












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

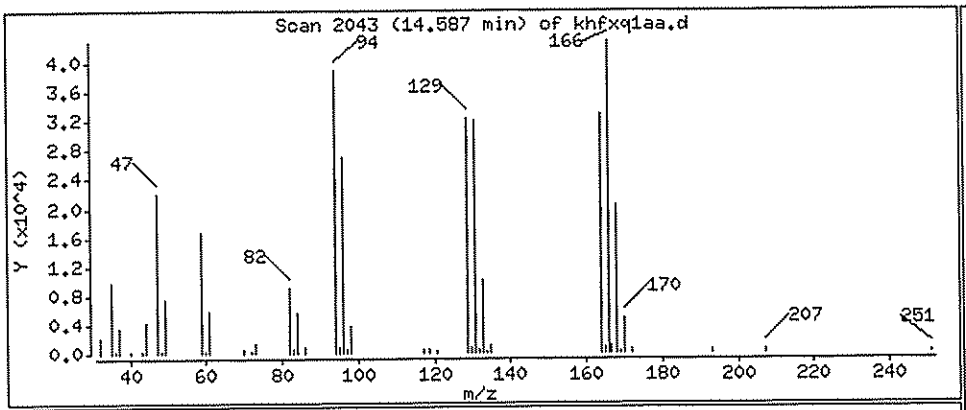
Operator: 7126

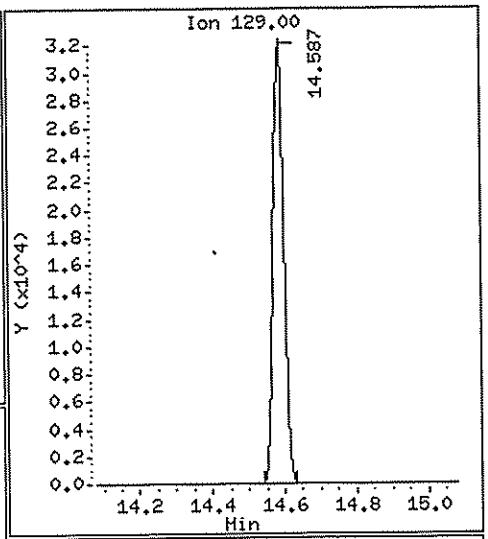
Column phase: HP-5

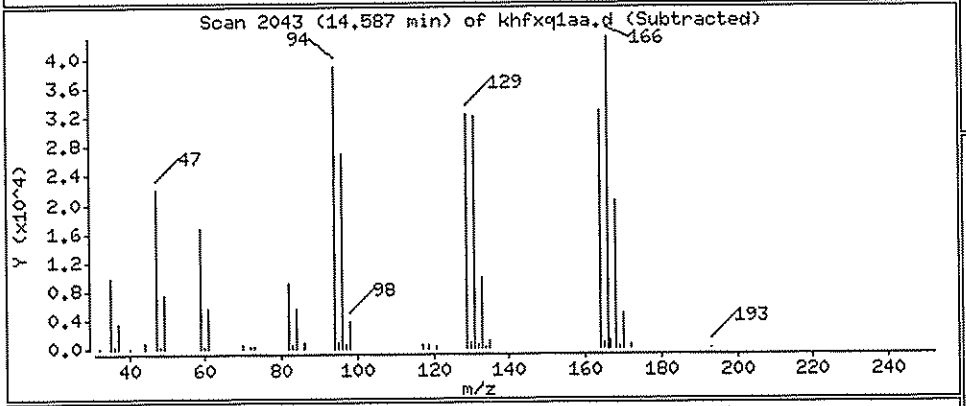
Column diameter: 0.32

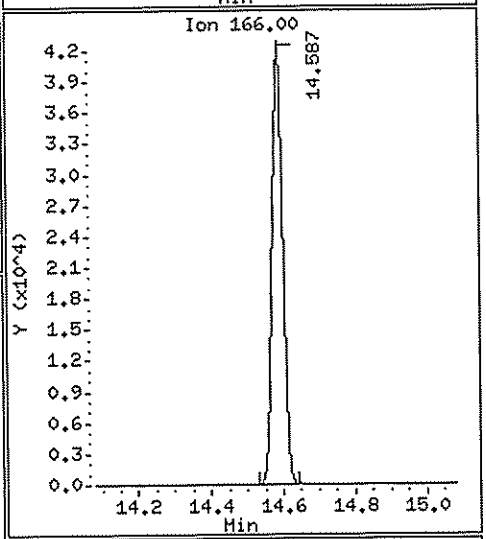
67 Tetrachloroethene

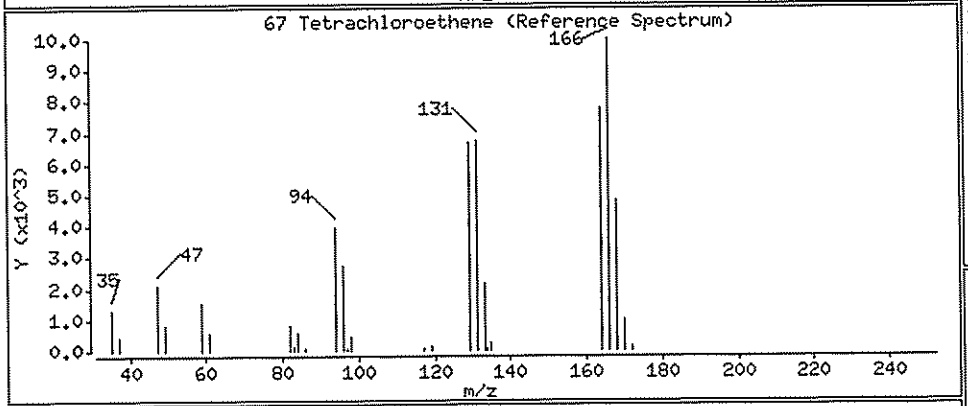
Concentration: 1.915 ppb(v/v)

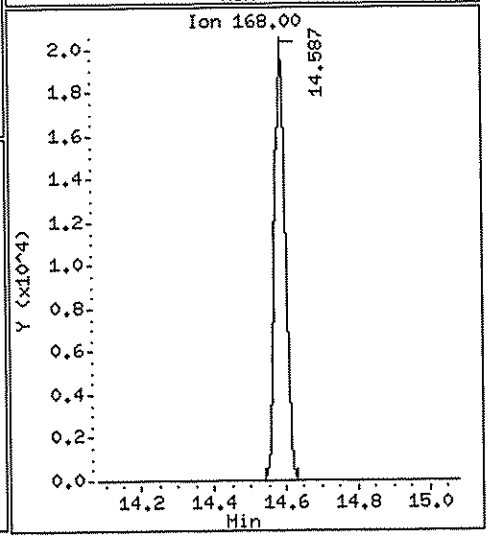


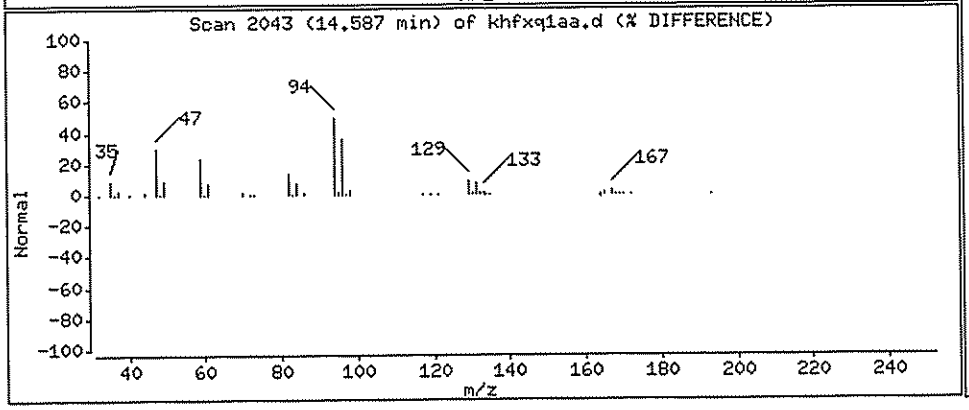












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

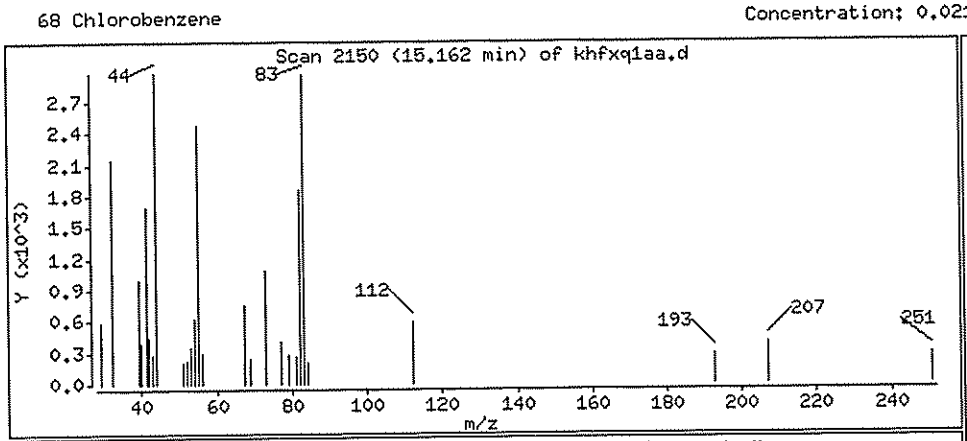
Operator: 7126

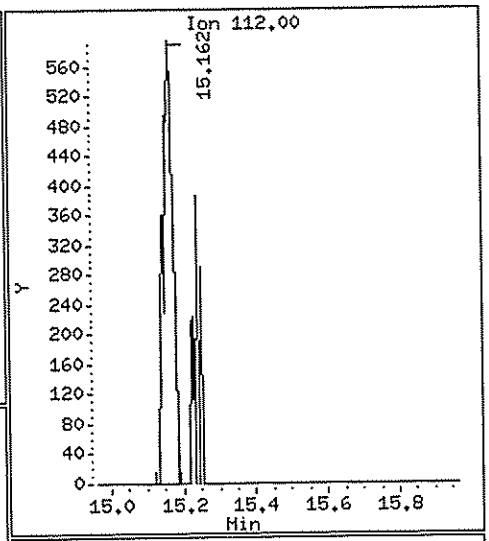
Column phase: HP-5

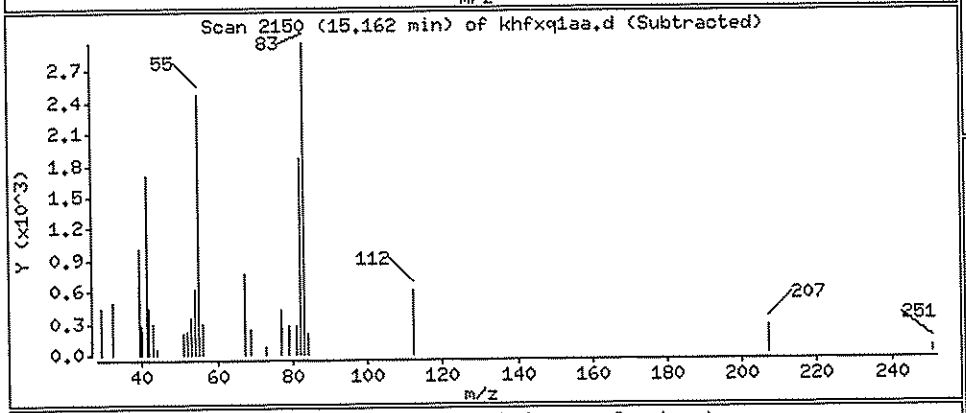
Column diameter: 0.32

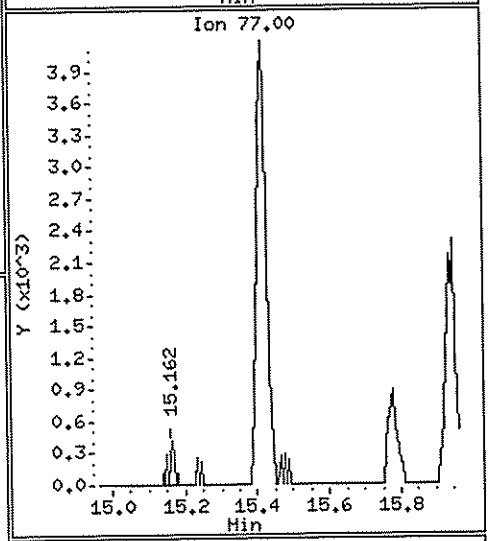
68 Chlorobenzene

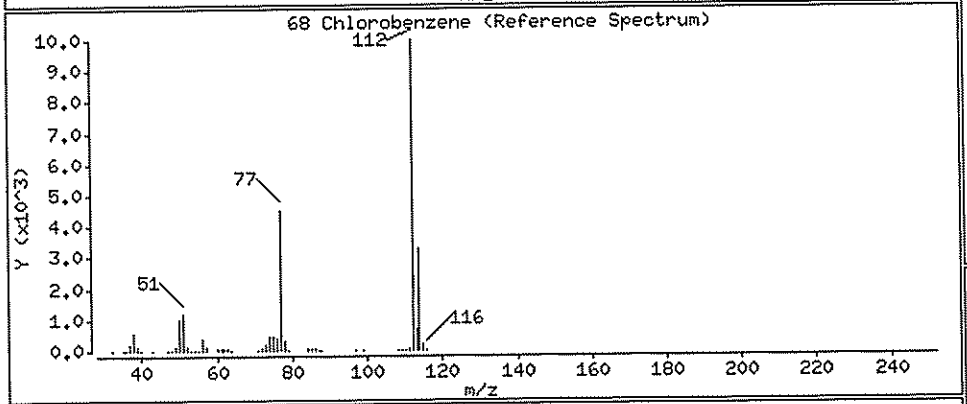
Concentration: 0.02168 ppb(v/v)

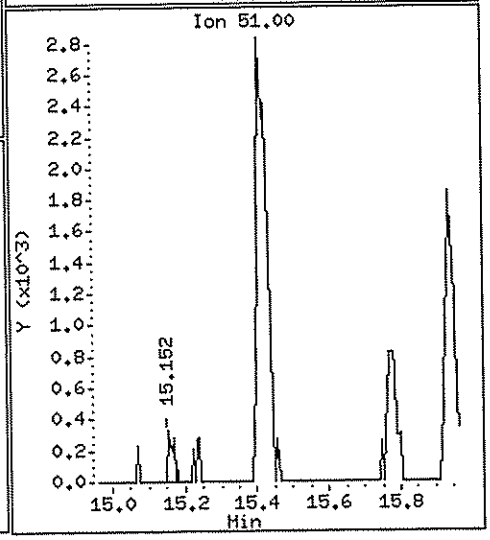


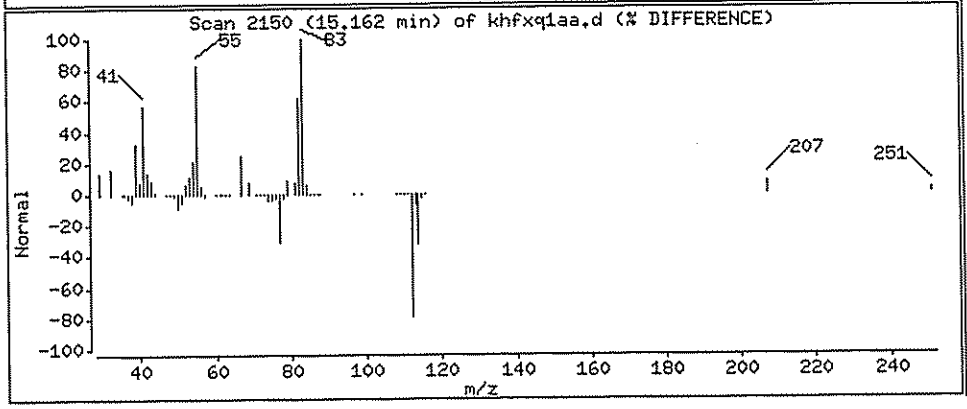












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

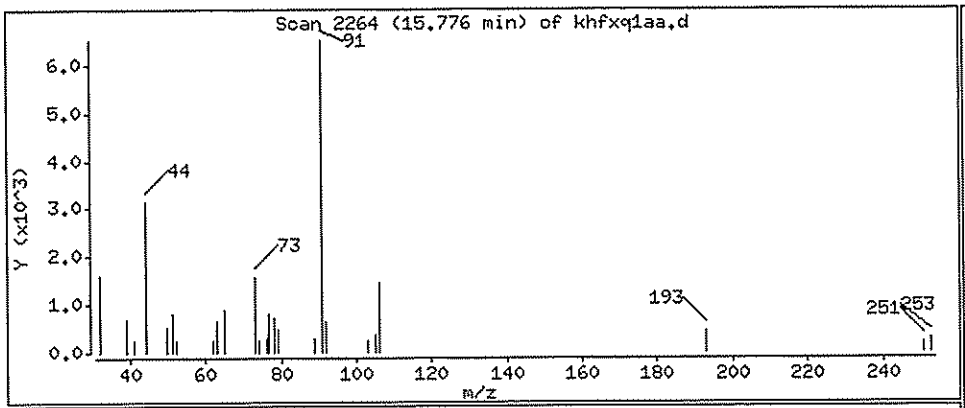
Operator: 7126

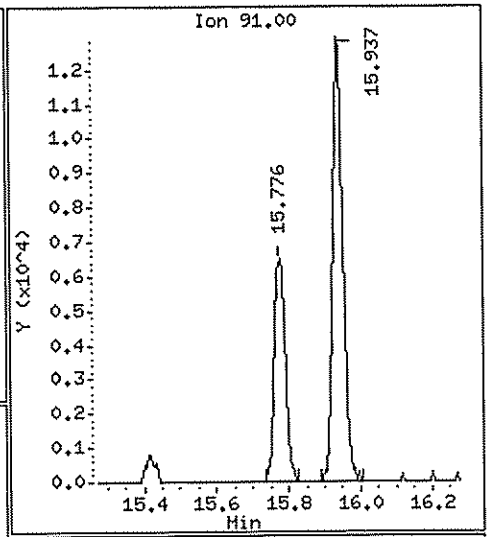
Column phase: HP-5

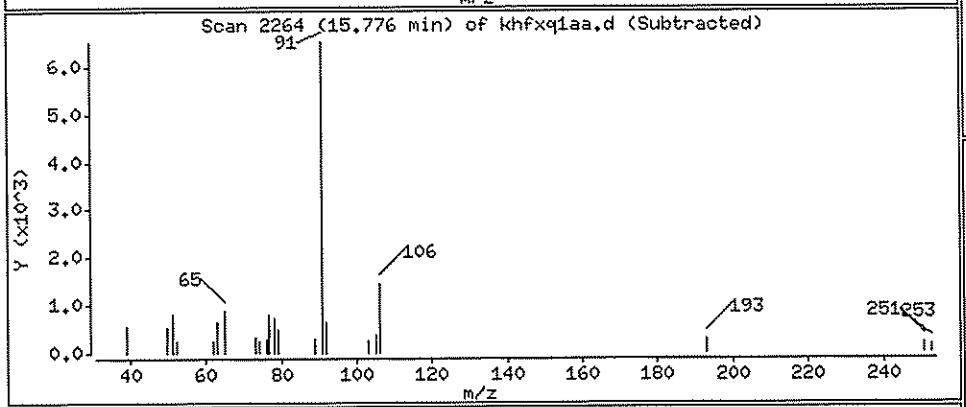
Column diameter: 0.32

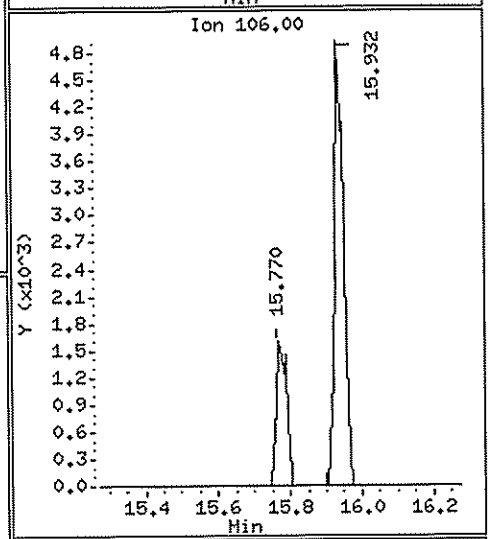
69 Ethylbenzene

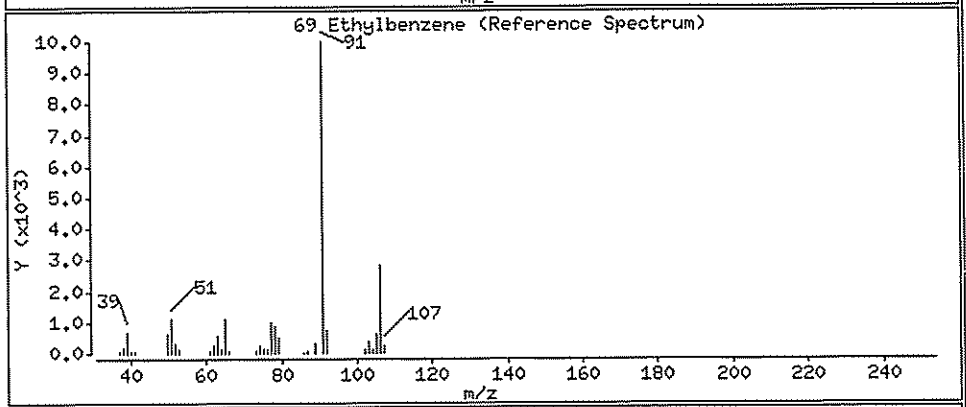
Concentration: 0.1316 ppb(v/v)

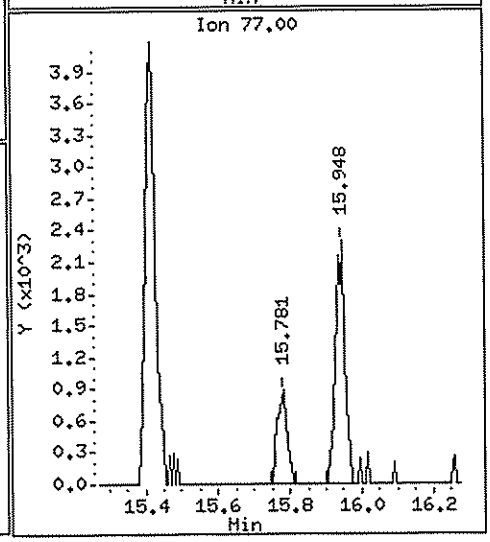


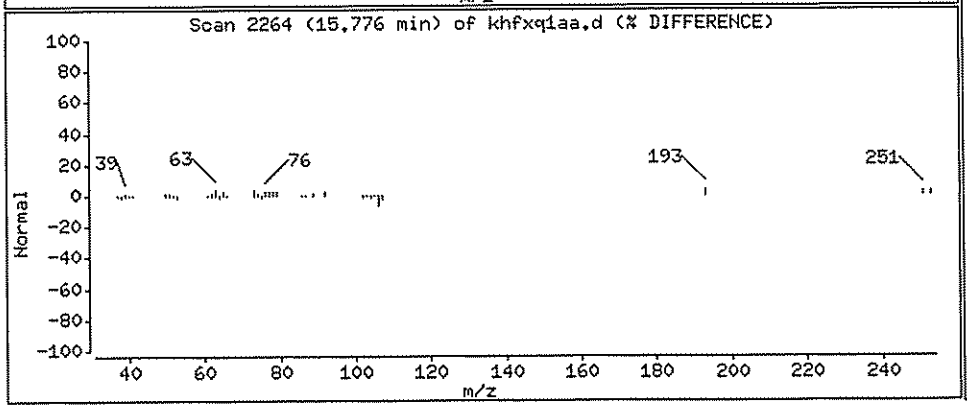












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

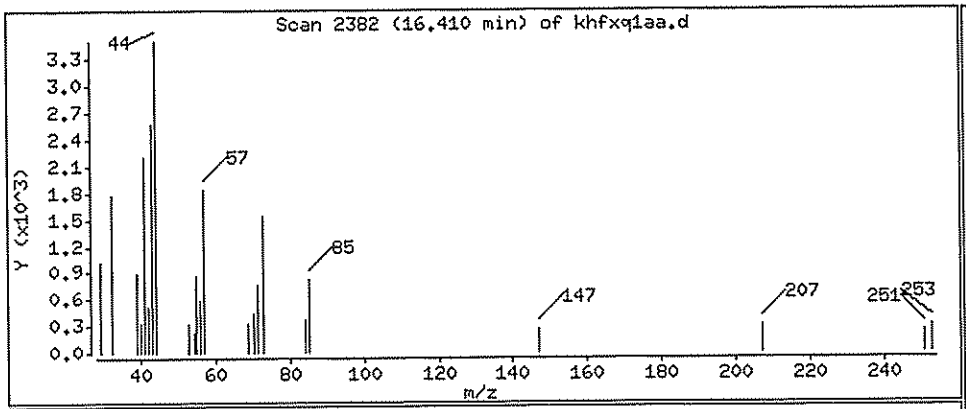
Operator: 7126

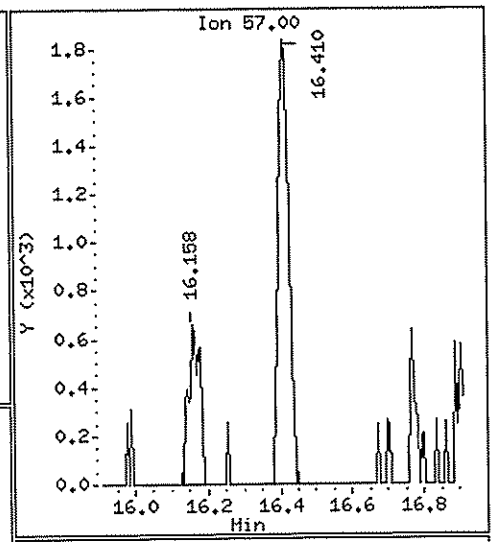
Column phase: HP-5

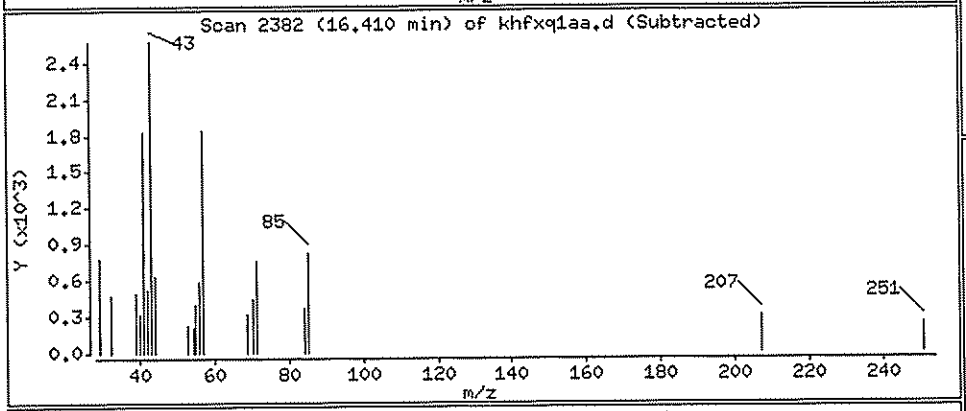
Column diameter: 0.32

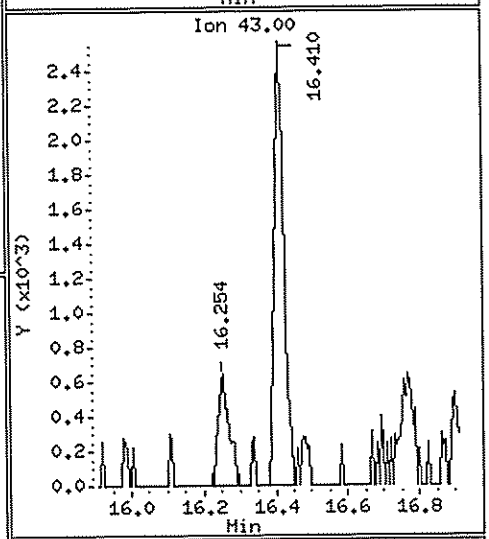
72 Nonane

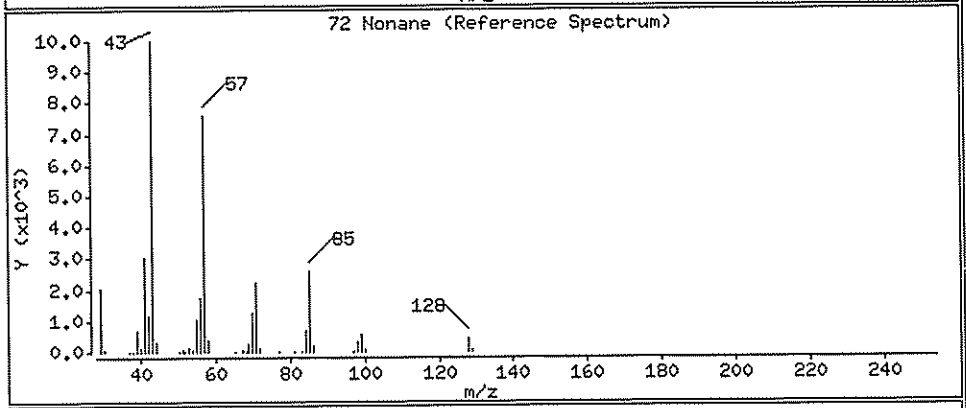
Concentration: 0.07822 ppb(v/v)

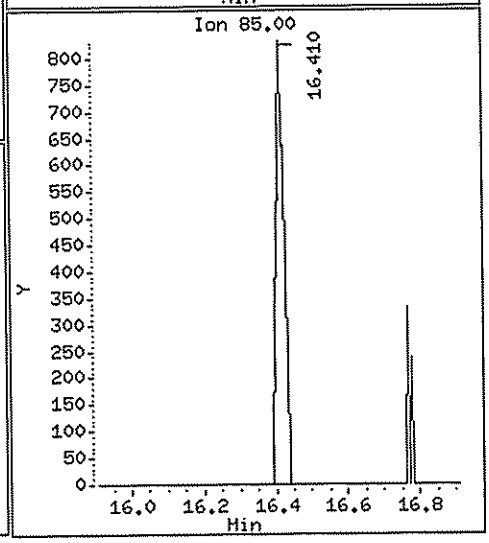


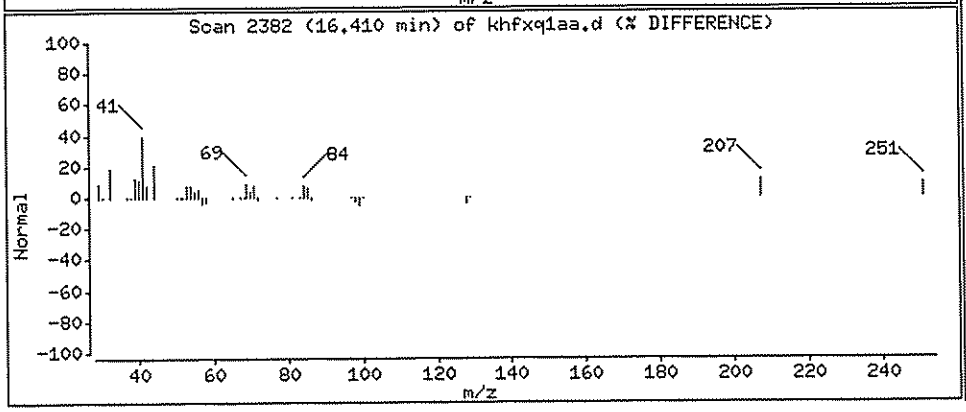












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

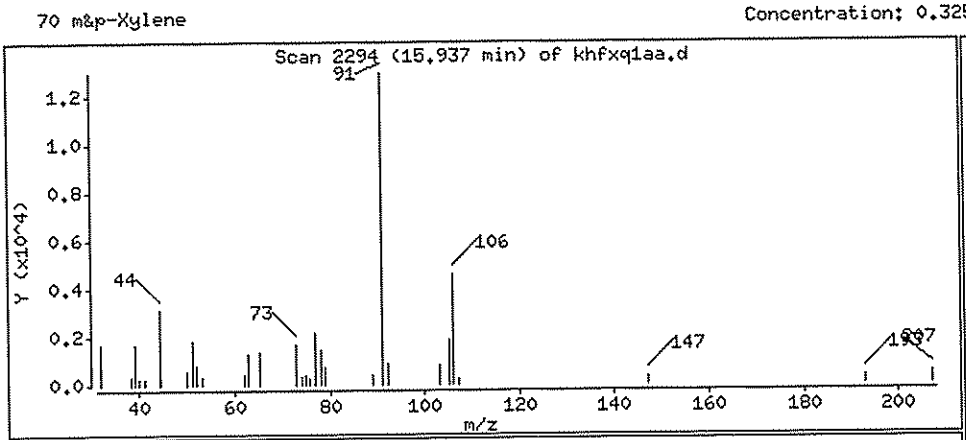
Operator: 7126

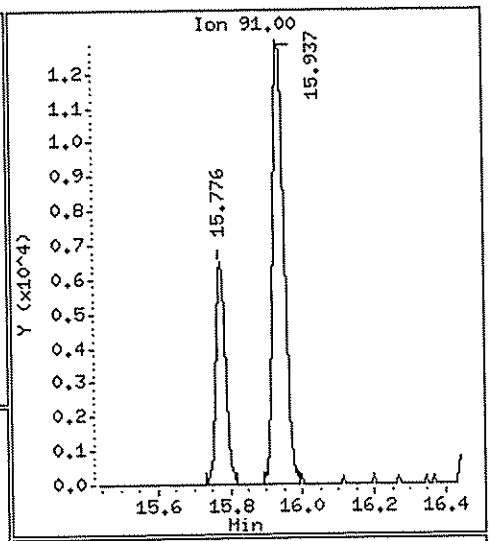
Column phase: HP-5

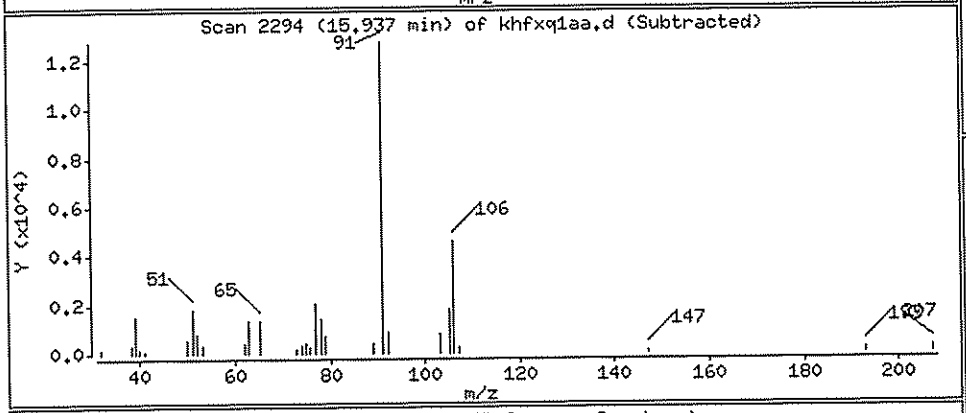
Column diameter: 0.32

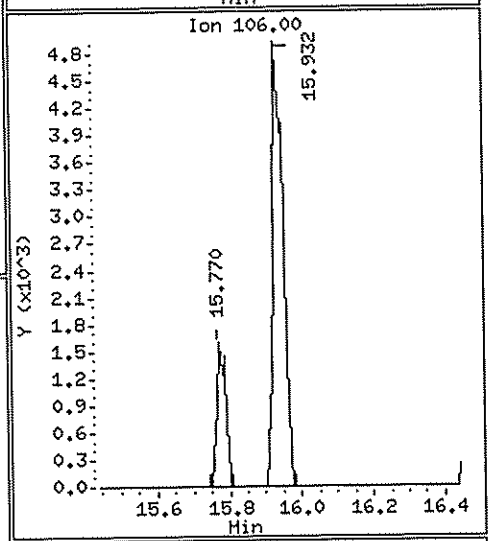
70 m&p-Xylene

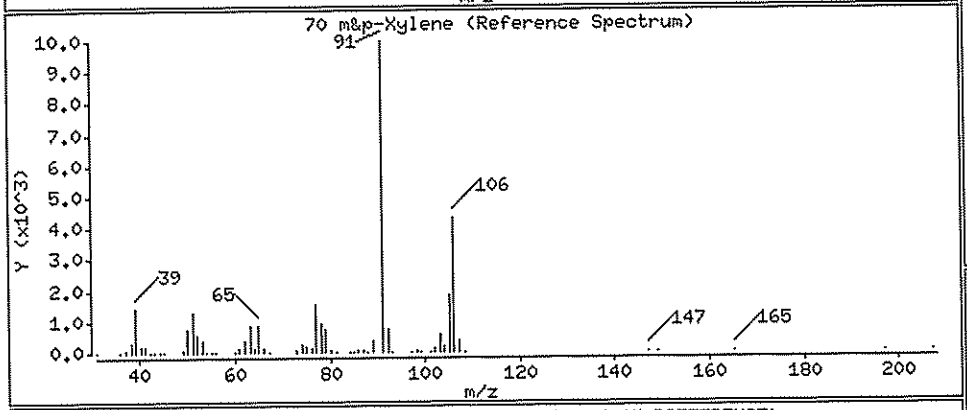
Concentration: 0.3250 ppb(v/v)

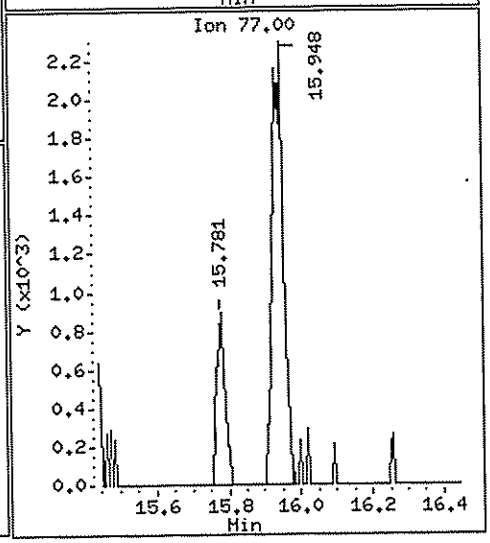


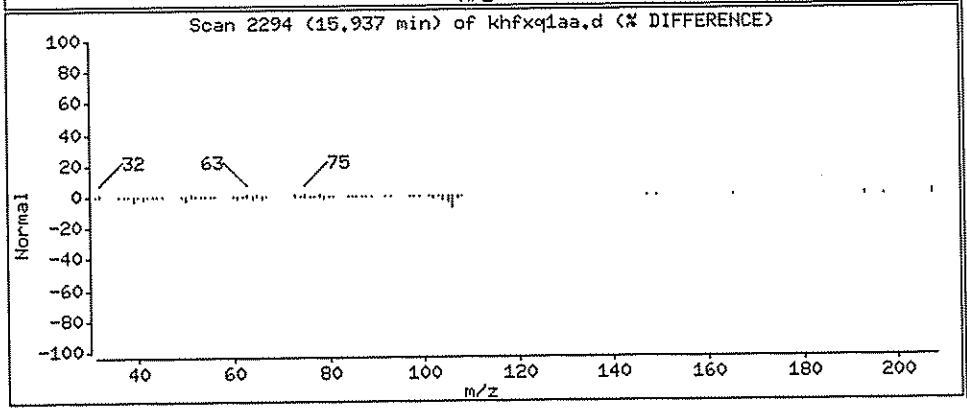












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

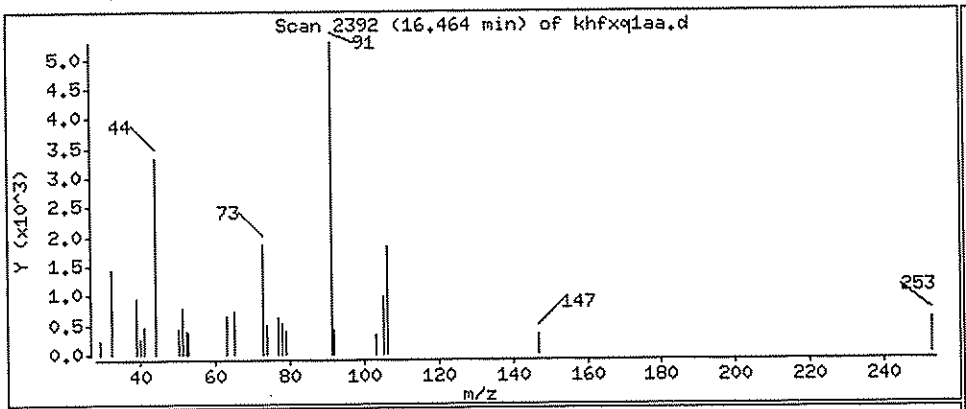
Operator: 7126

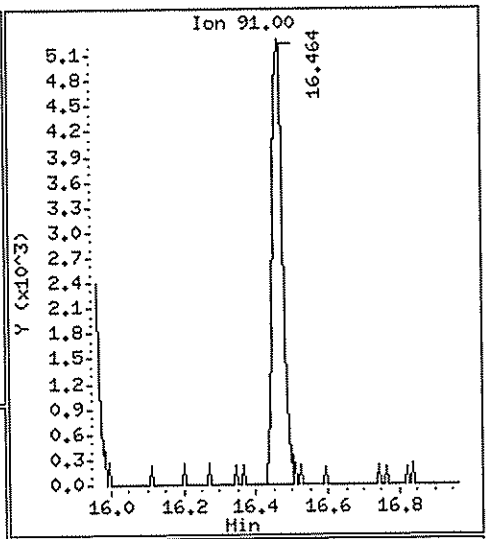
Column phase: HP-5

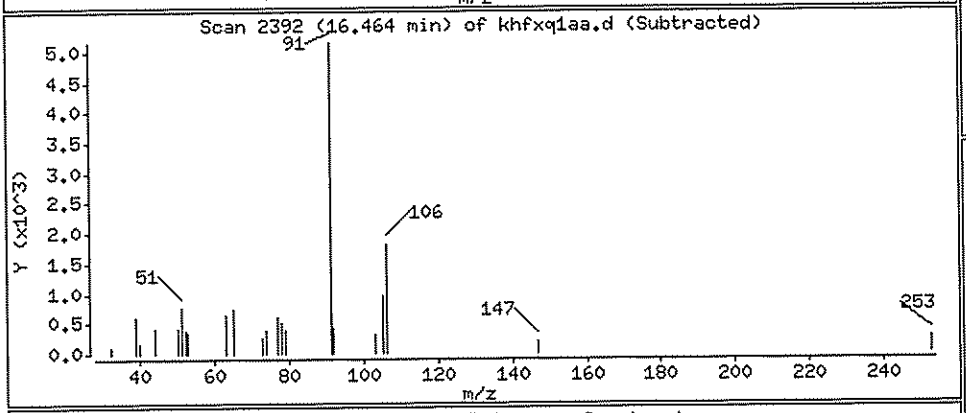
Column diameter: 0.32

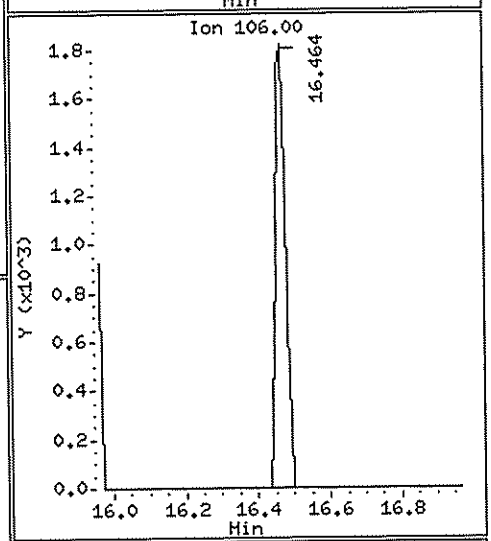
74 o-Xylene

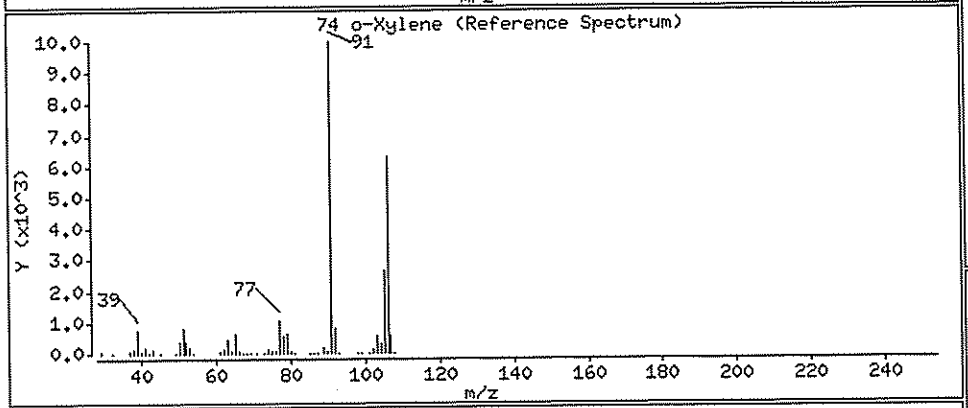
Concentration: 0.1130 ppb(v/v)

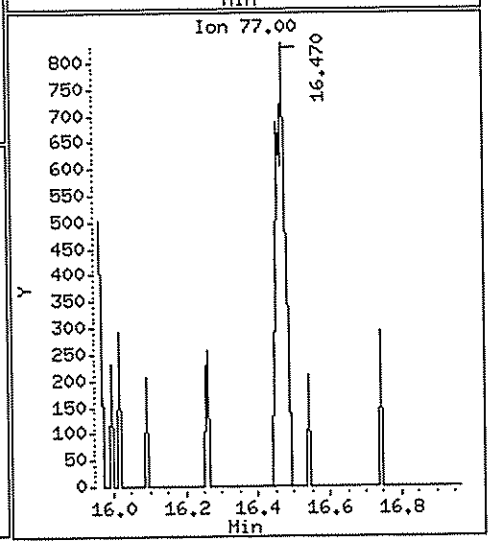


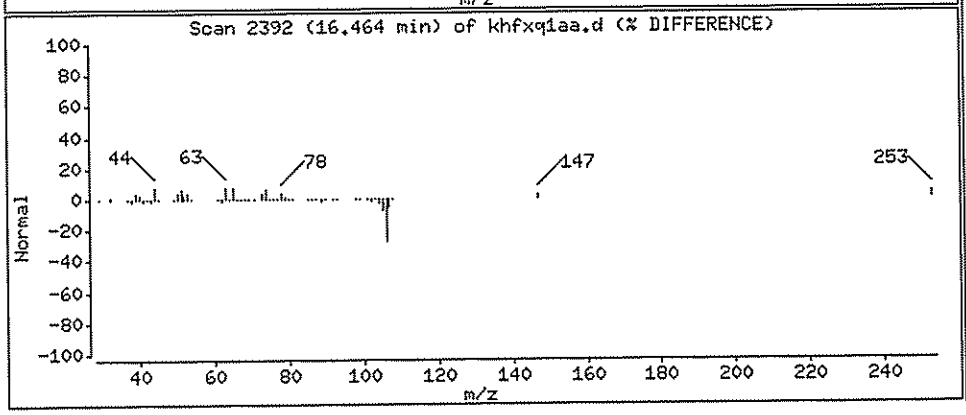












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

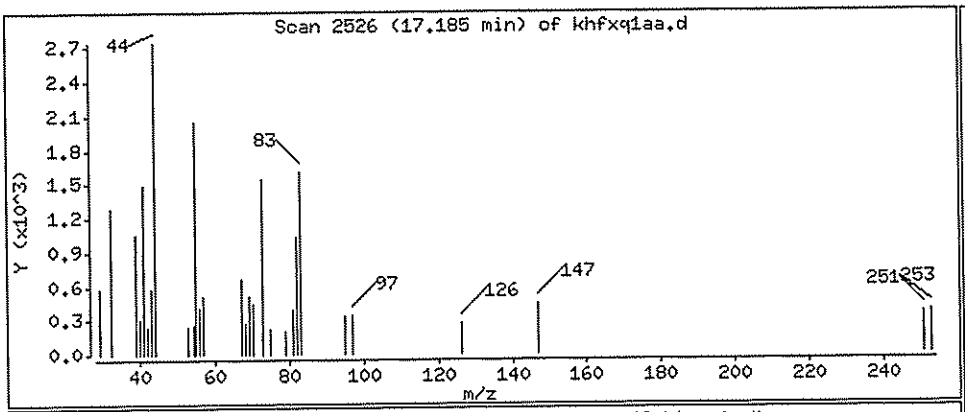
Operator: 7126

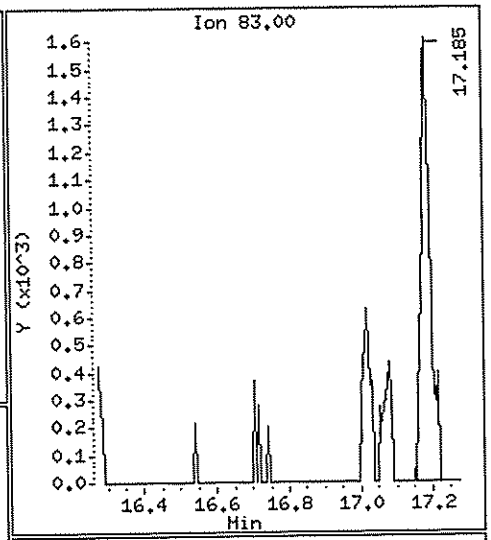
Column phase: HP-5

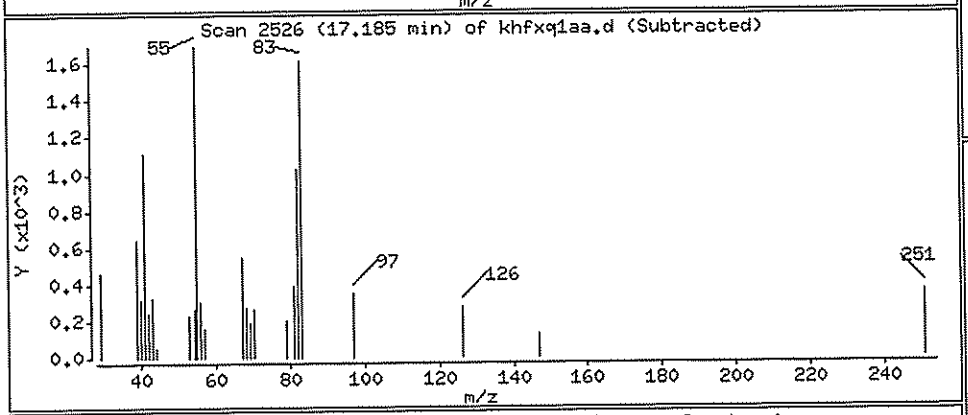
Column diameter: 0.32

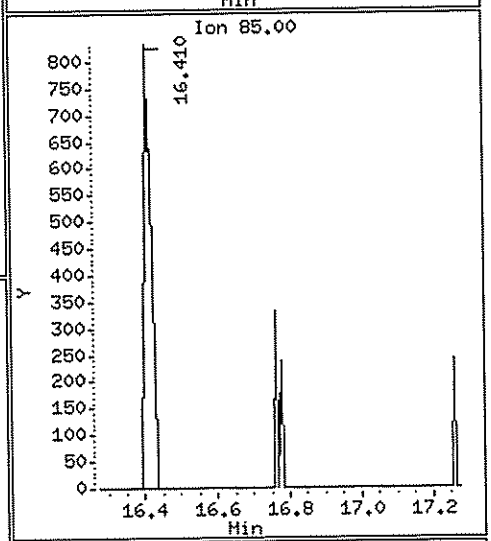
75 1,1,2,2-Tetrachloroethane

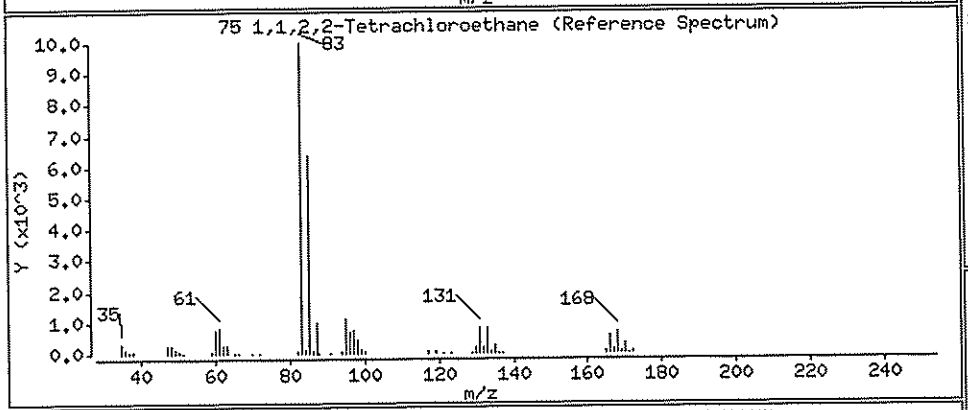
Concentration: 0.05610 ppb(v/v)

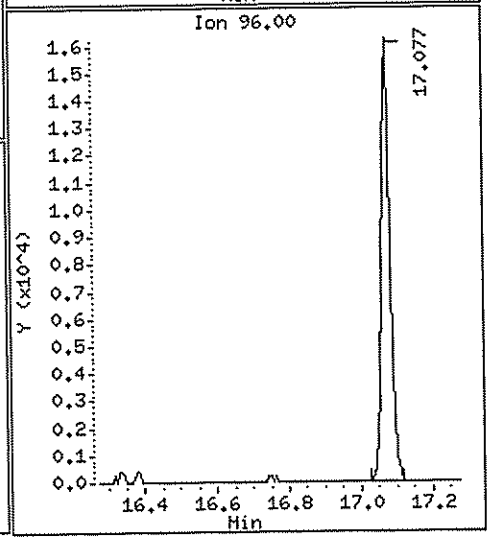


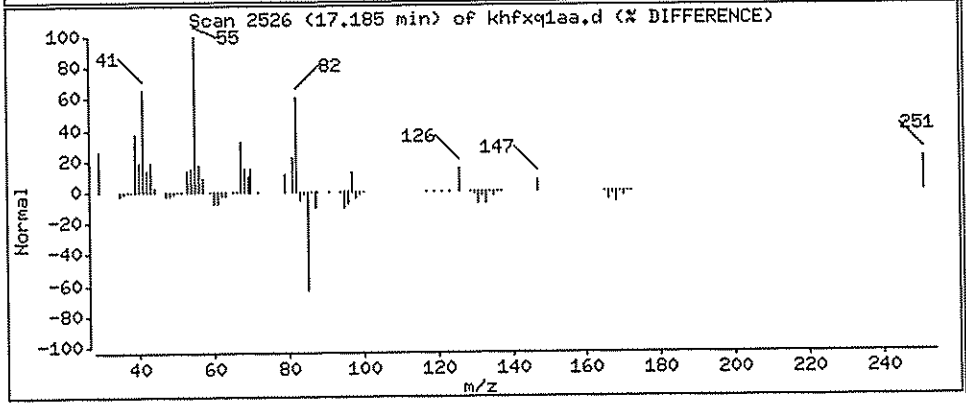












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

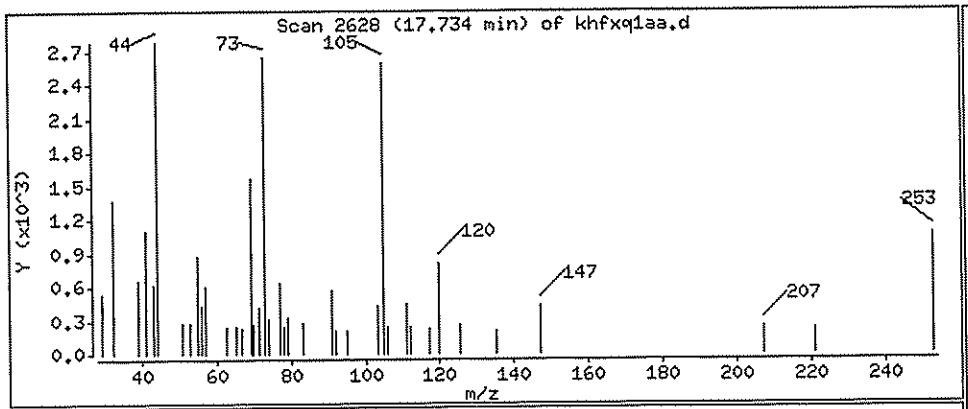
Operator: 7126

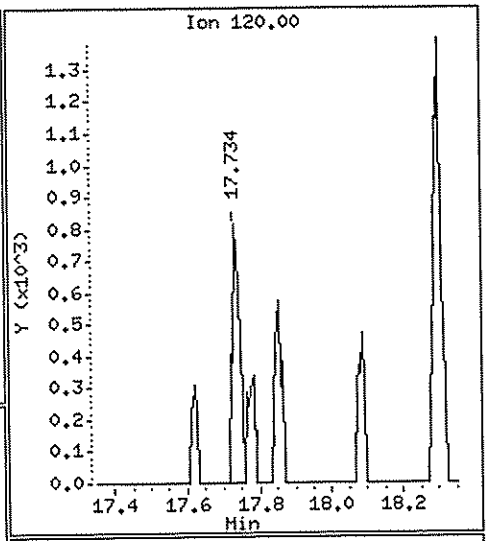
Column phase: HP-5

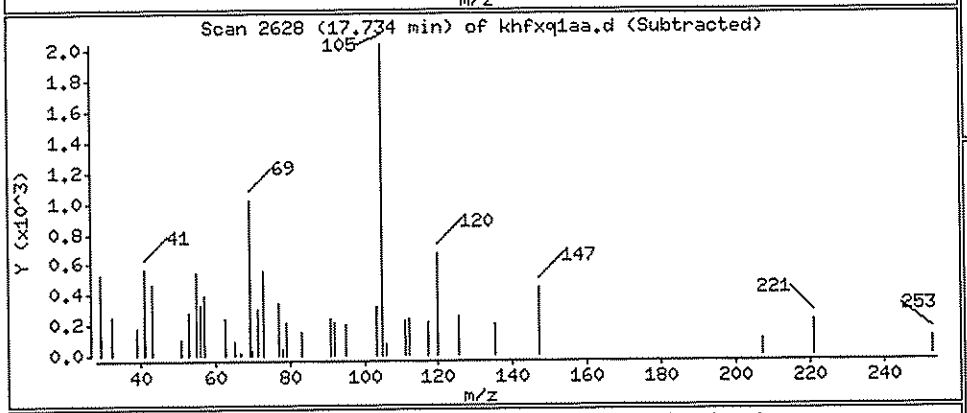
Column diameter: 0.32

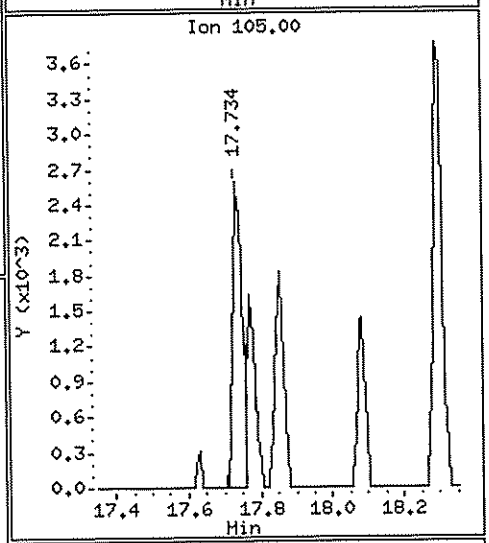
81 1,3,5-Trimethylbenzene

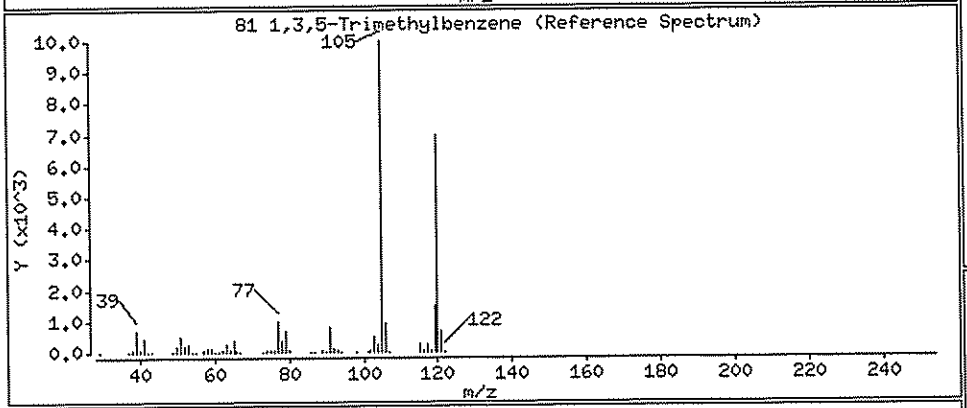
Concentration: 0.03268 ppb(v/v)

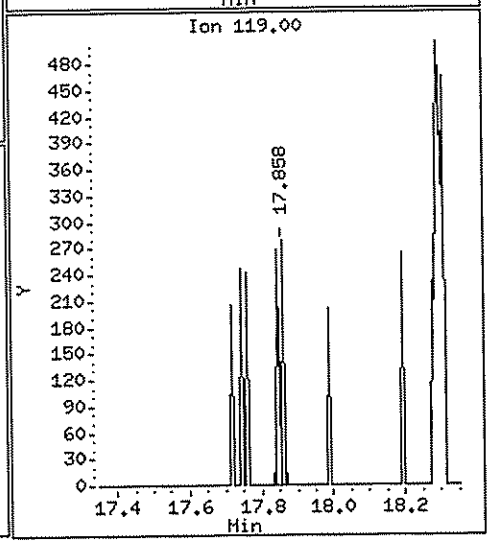


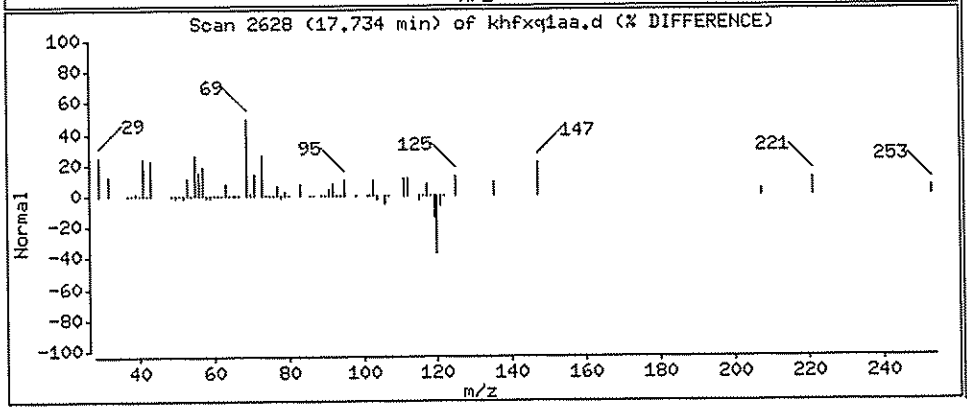












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

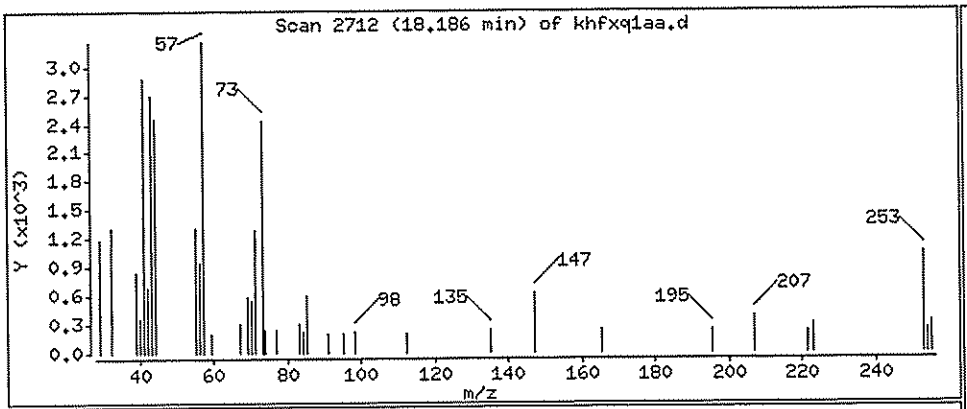
Operator: 7126

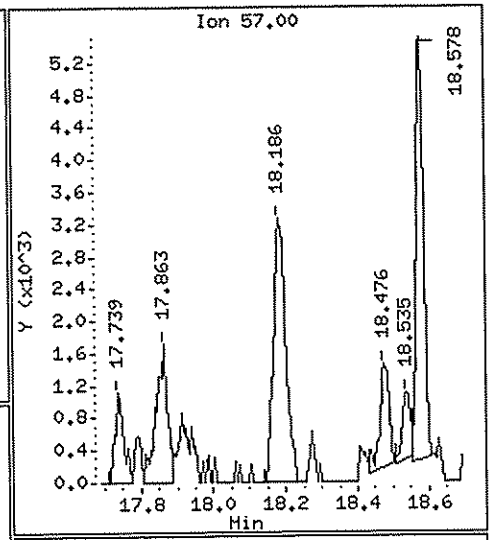
Column phase: HP-5

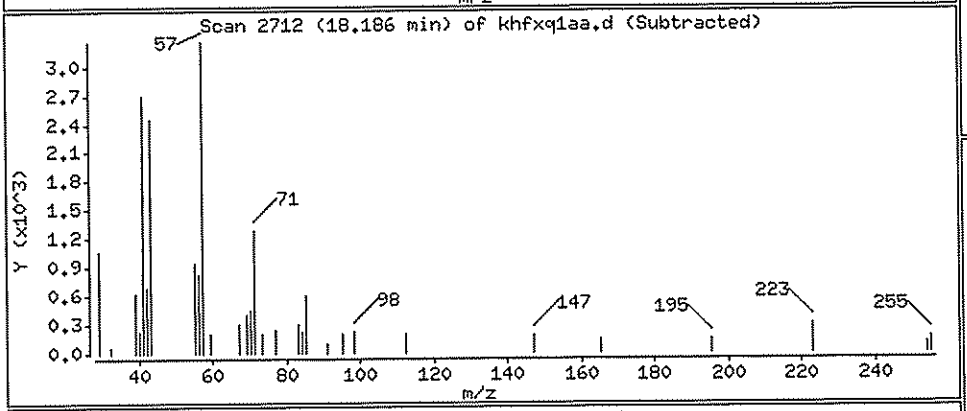
Column diameter: 0.32

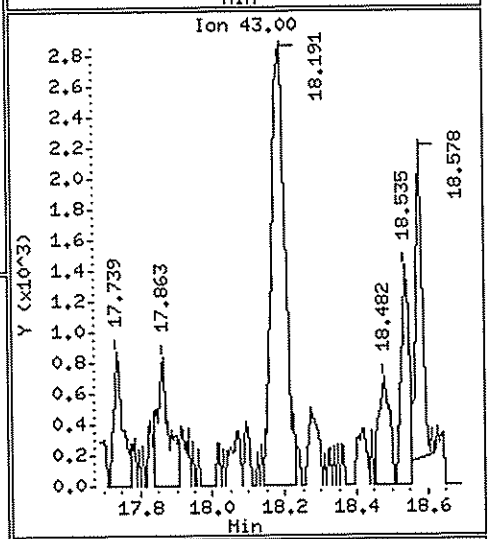
83 Decane

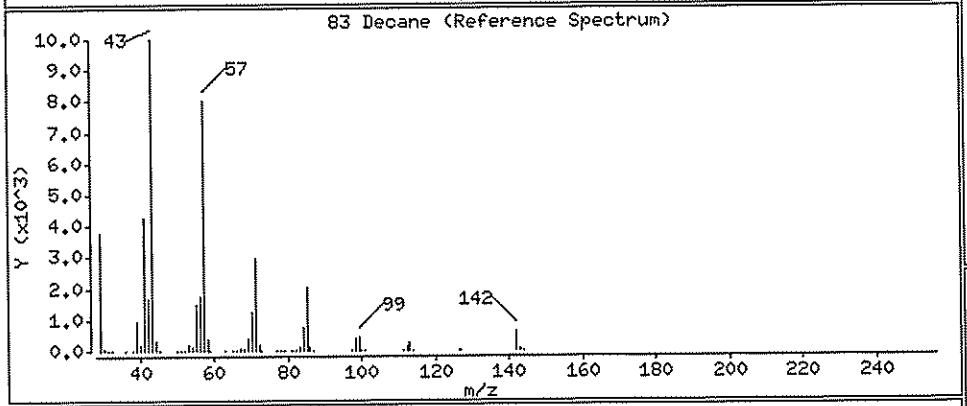
Concentration: 0.1248 ppb(v/v)

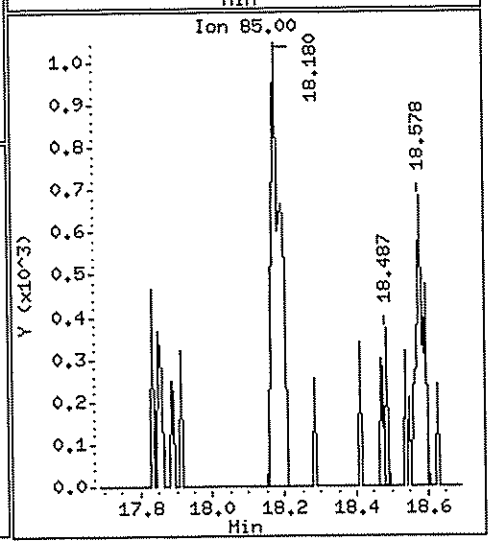


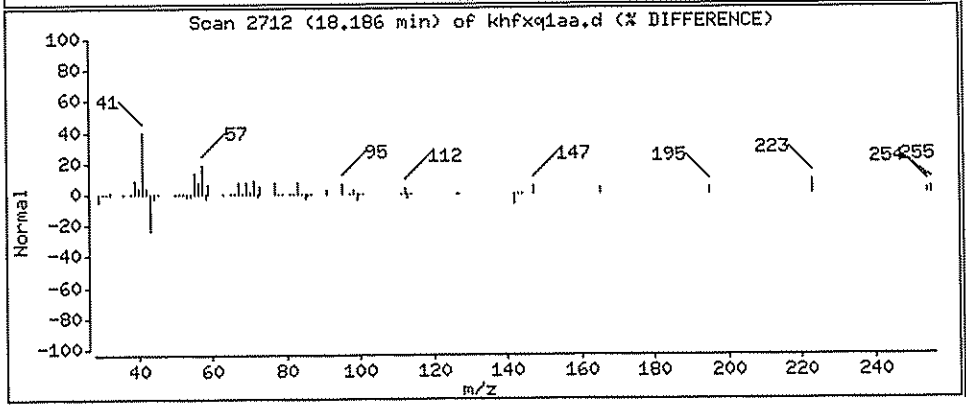












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

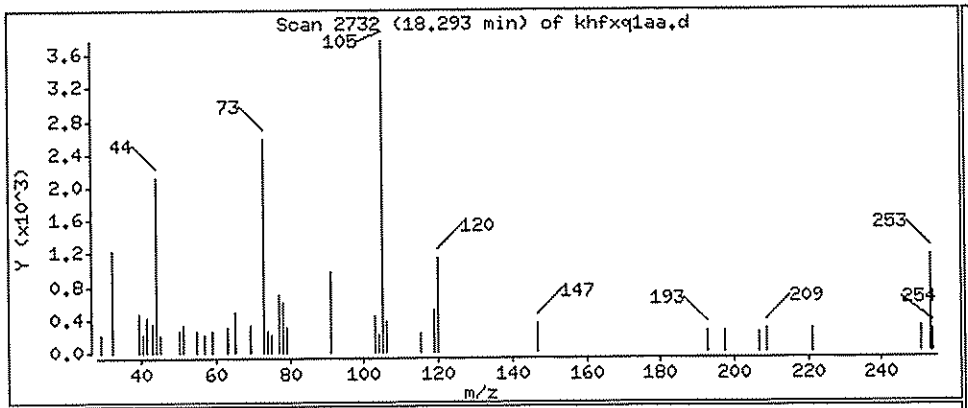
Operator: 7126

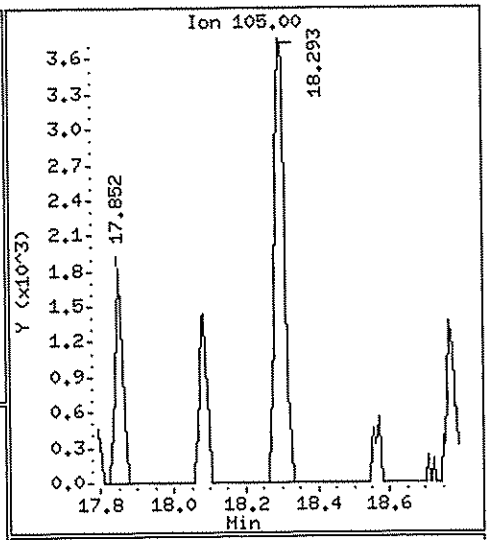
Column phase: HP-5

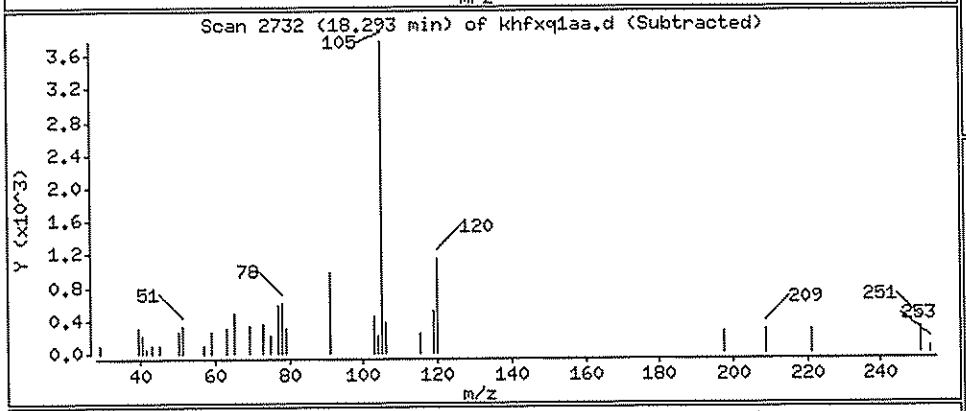
Column diameter: 0.32

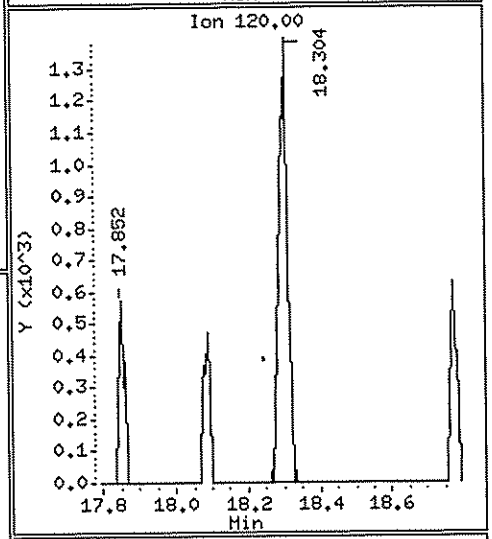
85 1,2,4-Trimethylbenzene

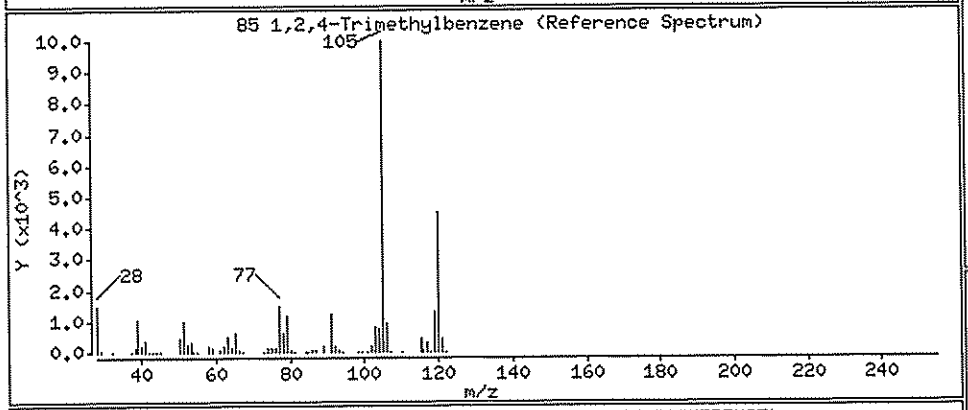
Concentration: 0.06539 ppb(v/v)

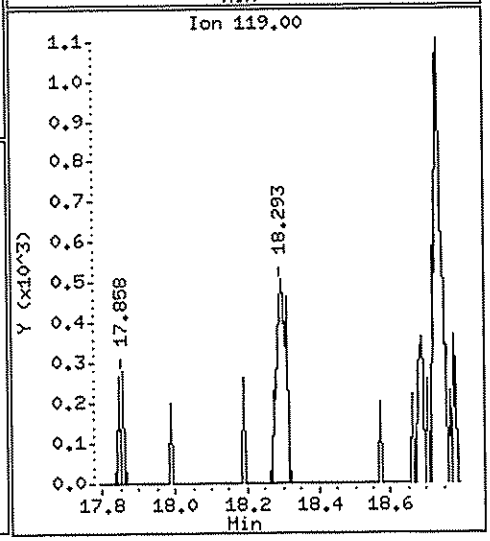


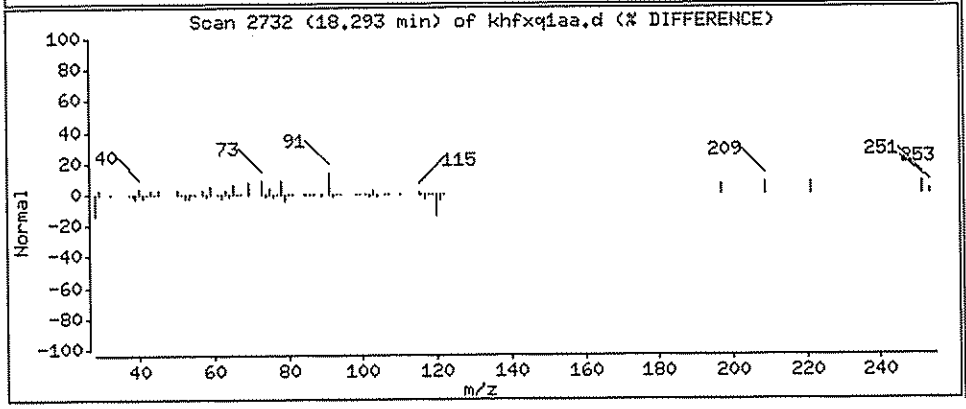












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

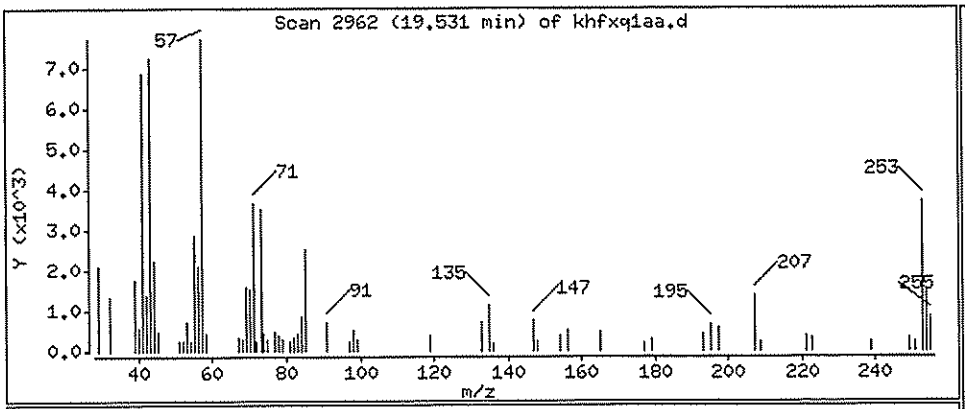
Operator: 7126

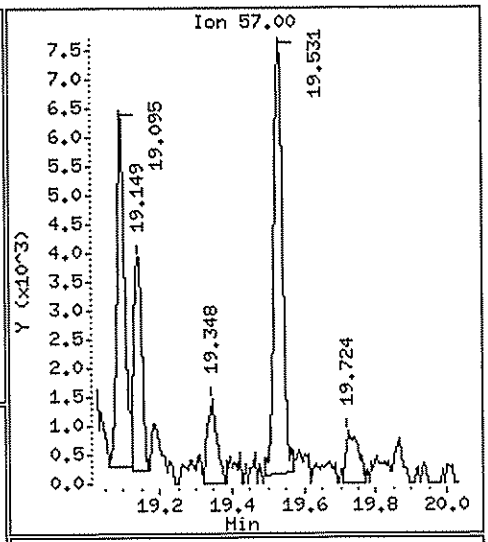
Column phase: HP-5

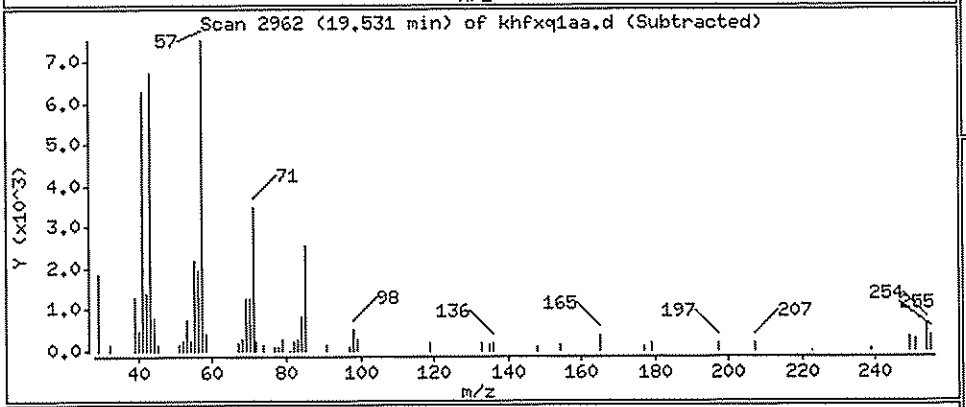
Column diameter: 0.32

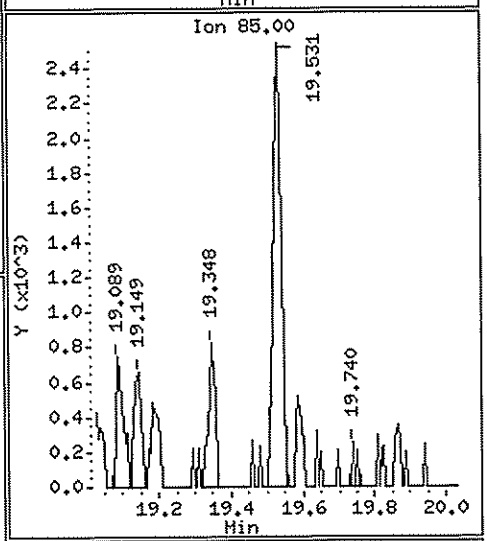
93 Undecane

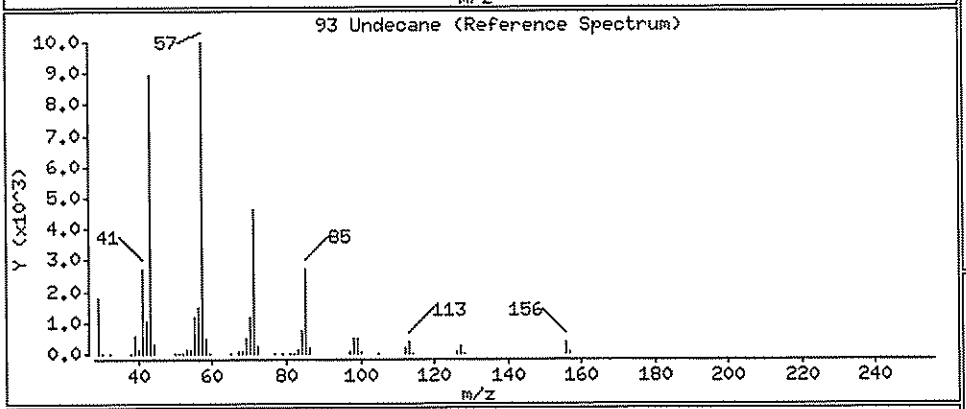
Concentration: 0.1723 ppb(v/v)

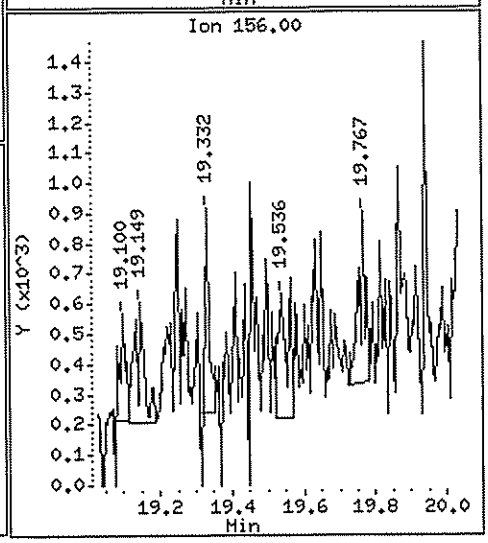


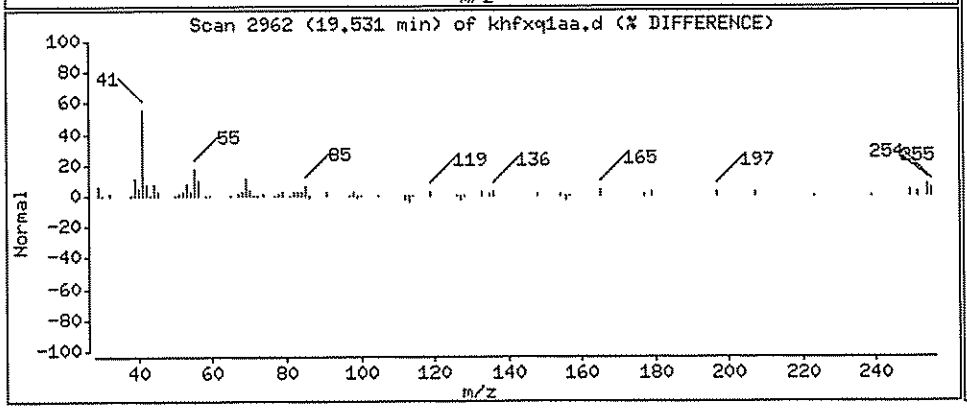












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d

Date : 25-FEB-2008 13:46

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

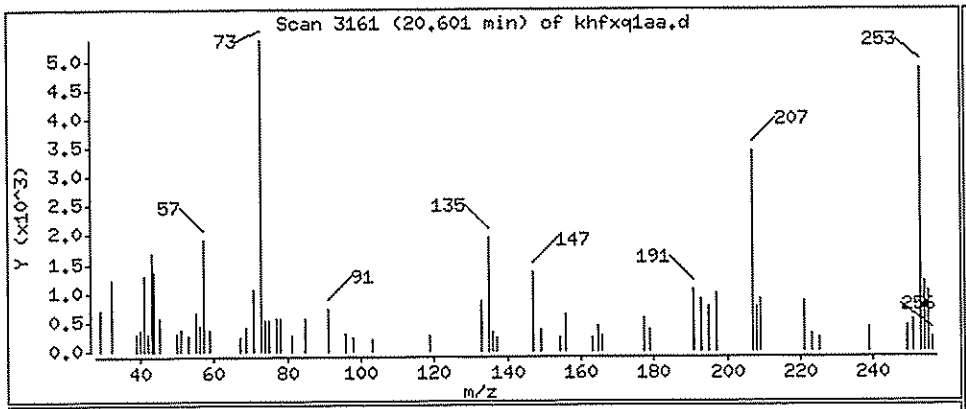
Operator: 7126

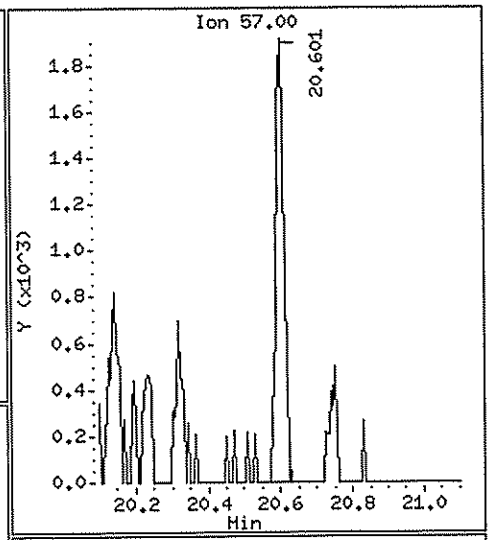
Column phase: HP-5

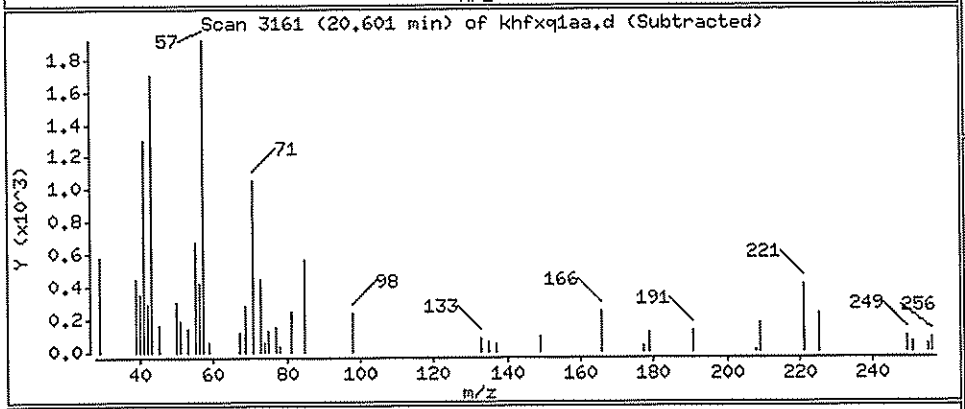
Column diameter: 0.32

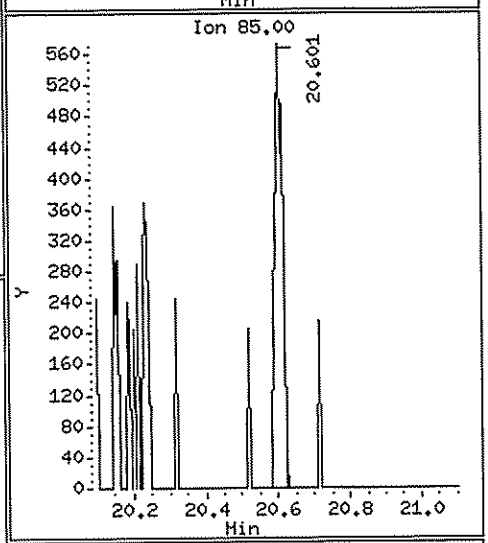
94 Dodecane

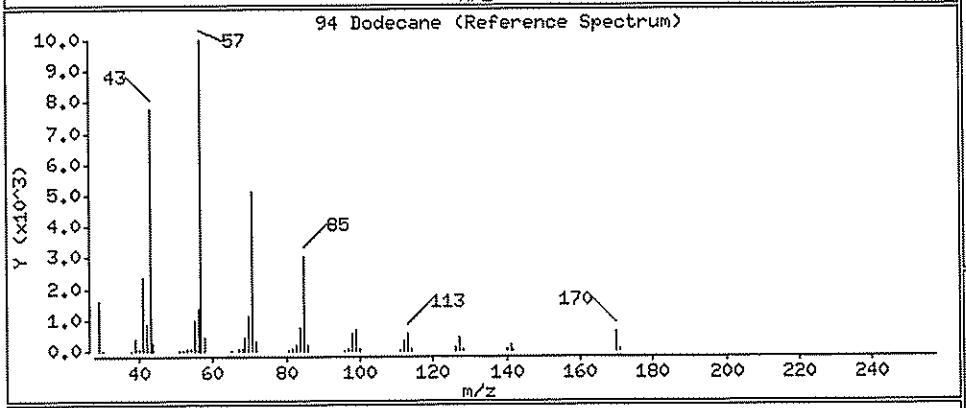
Concentration: 0.04066 ppb(v/v)

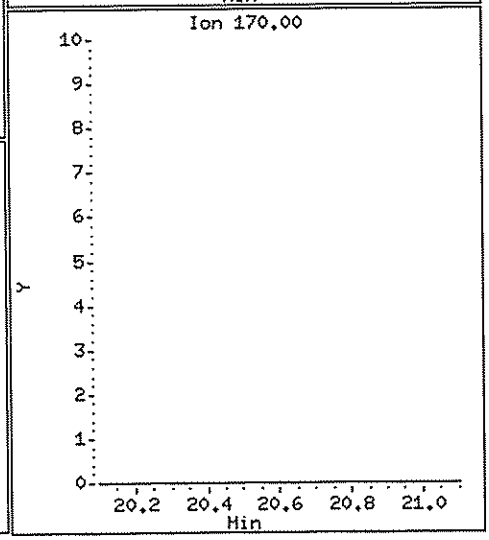


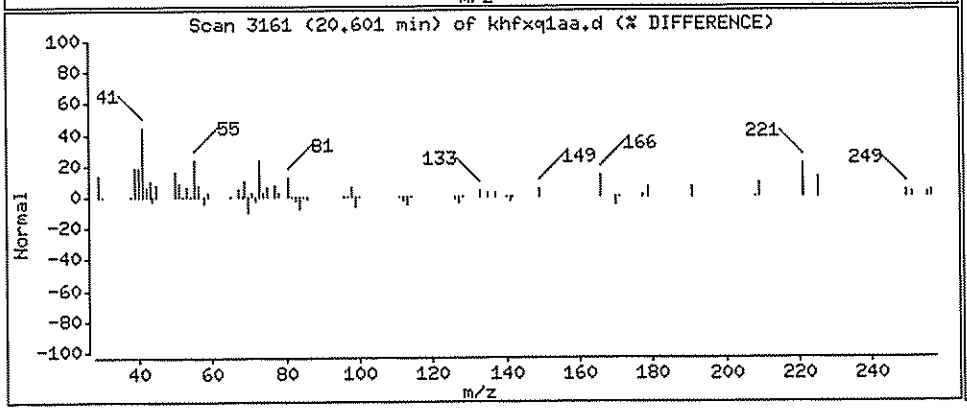












Data File: /var/chem/gcms/me.i/E022508.b/khfxq1aa.d
Report Date: 26-Feb-2008 13:42

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/khfxq1aa.d
Lab Smp Id: KHFXQ1AA Client Smp ID: SV-07-04-SS
Inj Date : 25-FEB-2008 13:46
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022508,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 12:25 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

ISTD	RT	HEIGHT	AMOUNT
* 1 Bromochloromethane	8.443	362421	4.000

	RT	HEIGHT	CONCENTRATIONS ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Methyl Alcohol					CAS #: 67-56-1			
	4.016	469037	5.17670886	5.177	4	NIST05.1	30	1
Ethyl alcohol					CAS #: 64-17-5			
	4.629	272952	3.01254066	3.012	78	NIST05.1	94	1
Acetone					CAS #: 67-64-1			
	5.199	247064	2.72681771	2.727	80	NIST05.1	209	1

N/A

2/26/08 TA

TestAmerica Buffalo

Client Sample ID: SV-07-04-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 004 **Work Order #** KHFXQ2AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.0	ND	5.8
1-Methylnaphthalene	ND	1.0	ND	5.8
Indene	ND	0.16	ND	0.76
Thiophene	ND	0.080	ND	0.28
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Indane	ND	0.080	ND	0.39

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022608.b/khfxq2aa.d
Report Date: 27-Feb-2008 07:22

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022608.b/khfxq2aa.d
Lab Smp Id: KHFXQ2AA Client Smp ID: SV-07-04-SS
Inj Date : 26-FEB-2008 20:39
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022608,TO155,newyork.sub,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022608.b/TO155.m
Meth Date : 27-Feb-2008 07:21 tajh Quant Type: ISTD
Cal Date : 26-FEB-2008 11:39 Cal File: nyextra.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: newyork.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.438	8.433	(1.000)	60180	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.633	10.627	(1.000)	308761	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	271020	4.00000	4.000
99 ~ Thiophene	84	10.063	10.316	(0.946)	9513	0.25880	0.2588(A)

2/27/08

QC Flag Legend

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

Data File: /var/chem/gcms/me.i/E022608.b/khfxq2aa.d
Report Date: 27-Feb-2008 07:22

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

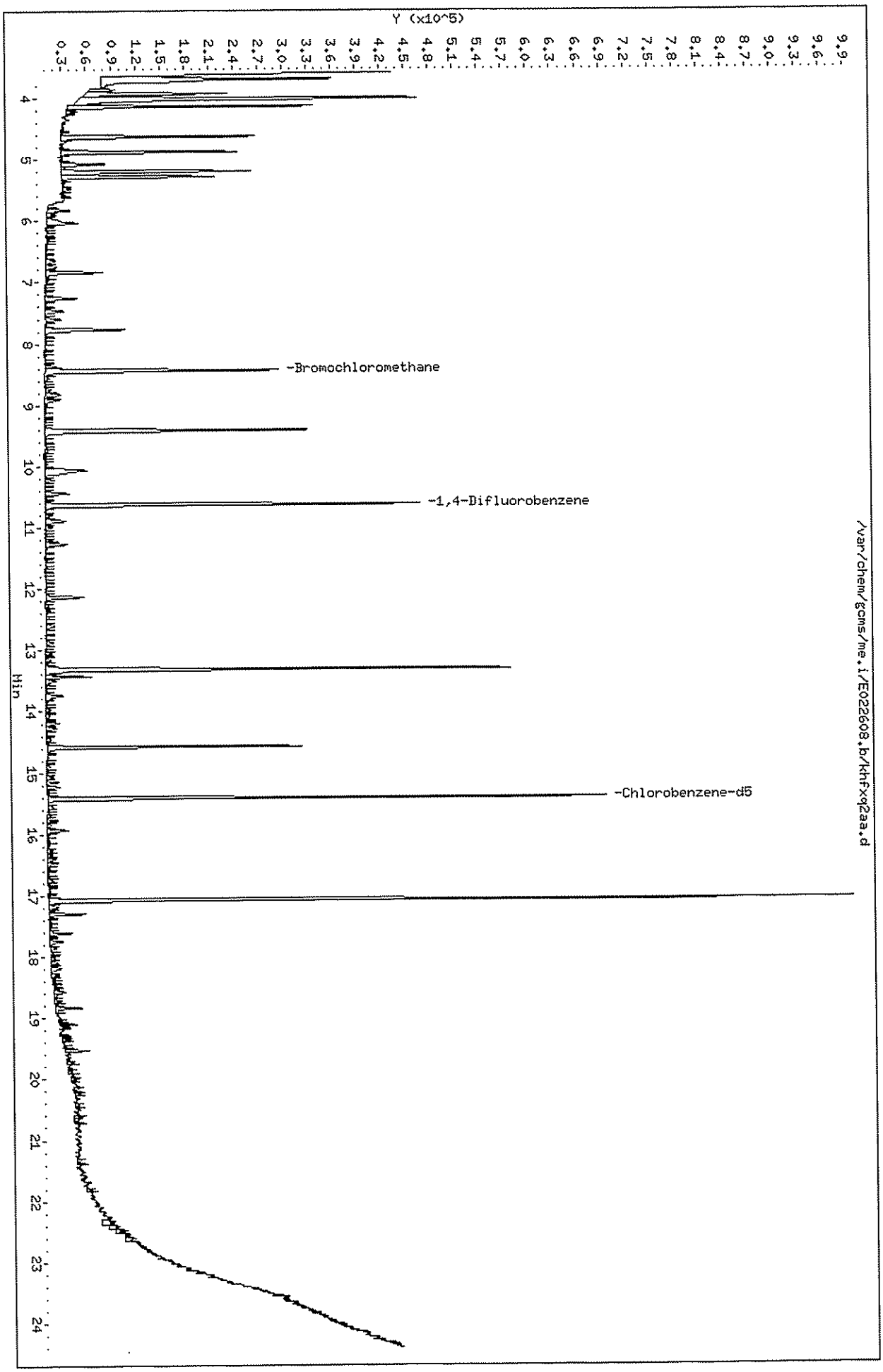
Instrument ID: me.i
Lab File ID: khfxq2aa.d
Lab Smp Id: KHFXQ2AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022608.b/TO155.m
Misc Info: E022608,TO155,newyork.sub,,,500 ML

Calibration Date: 26-FEB-2008
Calibration Time: 09:31
Client Smp ID: SV-07-04-SS
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	68800	40936	96664	60180	-12.53
2 1,4-Difluorobenze	353524	210347	496701	308761	-12.66
3 Chlorobenzene-d5	329407	195997	462817	271020	-17.72

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.44	0.06
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.05
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	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: /var/chem/gcms/me.i/E022608.b/khfxq2aa.d
Date : 26-FEB-2008 20:39
Client ID: SV-07-04-SS
Sample Info: ,,0,,,,
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^5)
Hin
-Bromochloromethane
-1,4-Difluorobenzene
-Chlorobenzene-d5
/var/chem/gcms/me.i/E022608.b/khfxq2aa.d

Data File: /var/chem/gcms/me.i/E022608.b/khfxq2aa.d

Date : 26-FEB-2008 20:39

Client ID: SV-07-04-SS

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

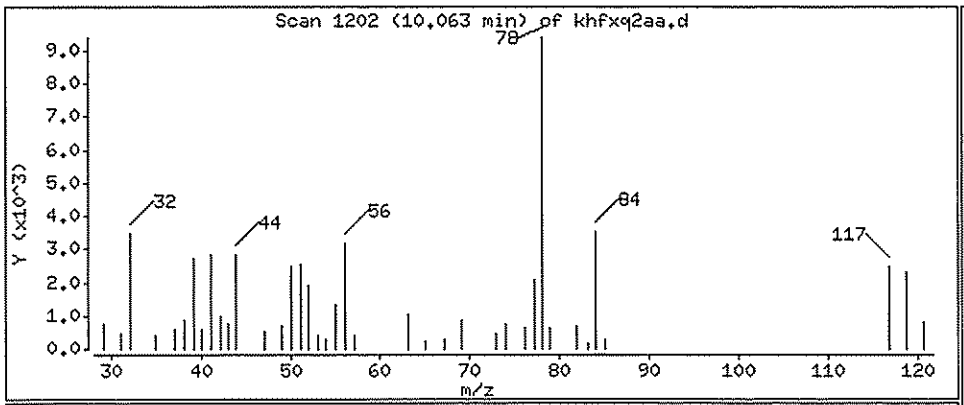
Operator: 7126

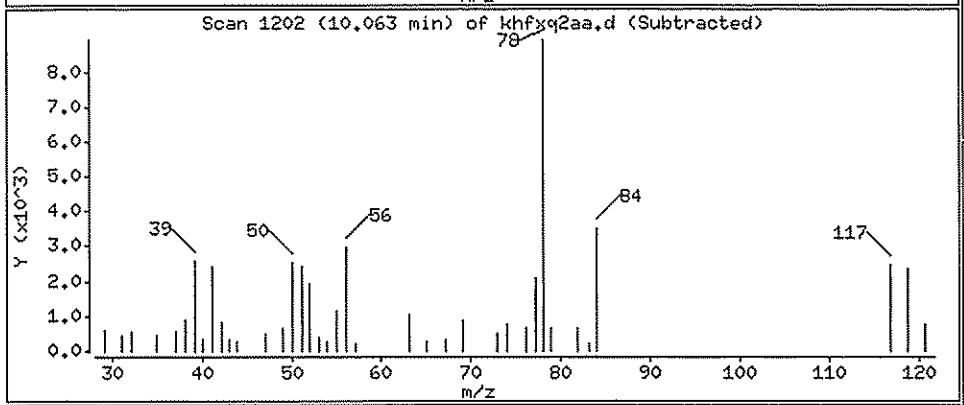
Column phase: HP-5

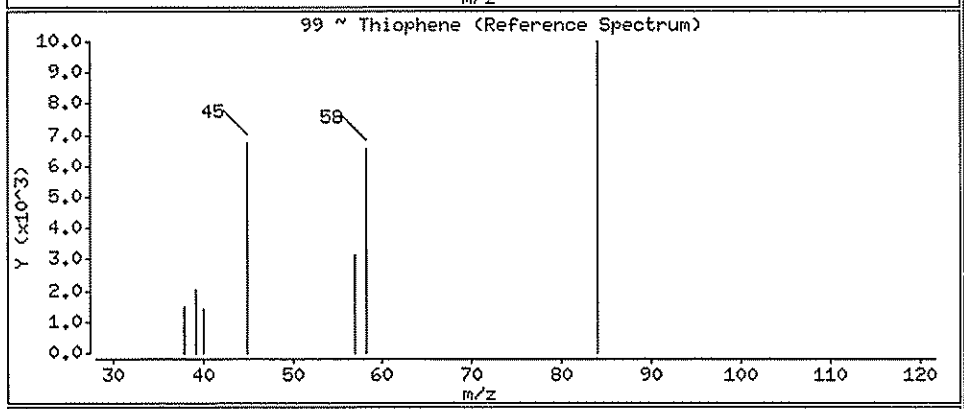
Column diameter: 0.32

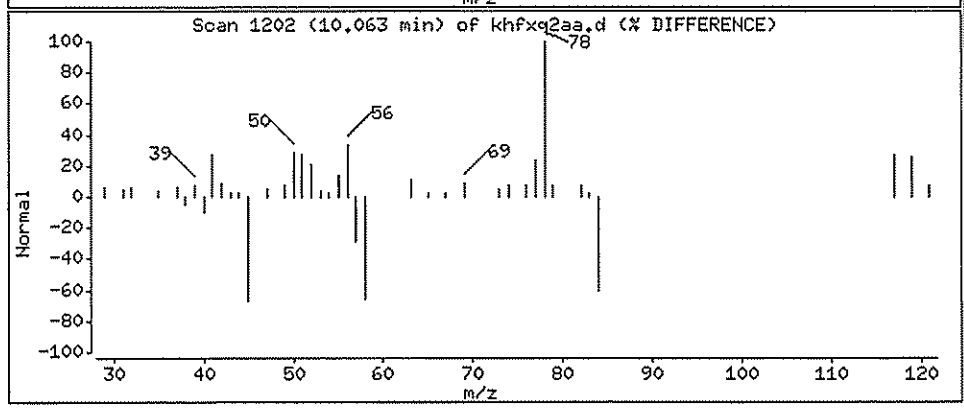
99 ~ Thiophene

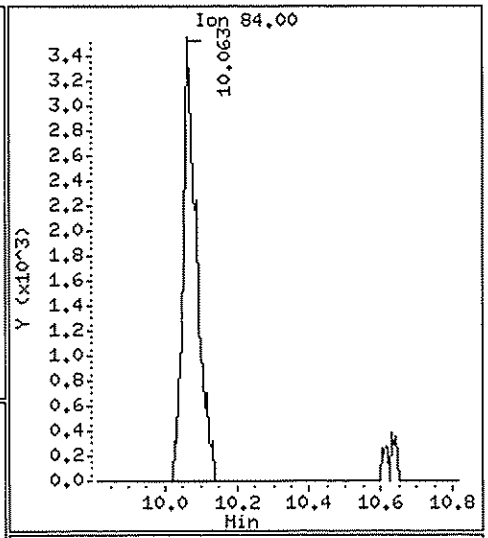
Concentration: 0.2588 ppb(v/v)

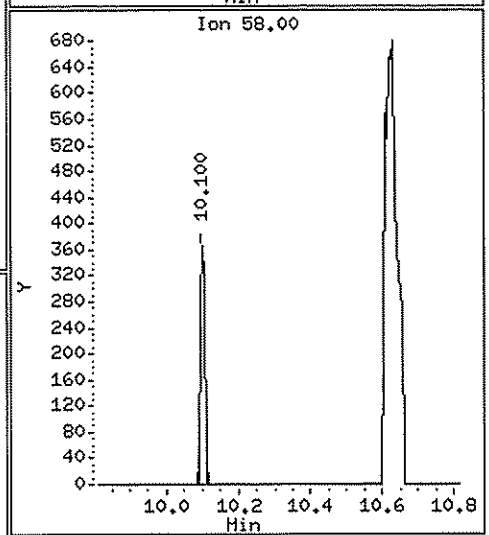


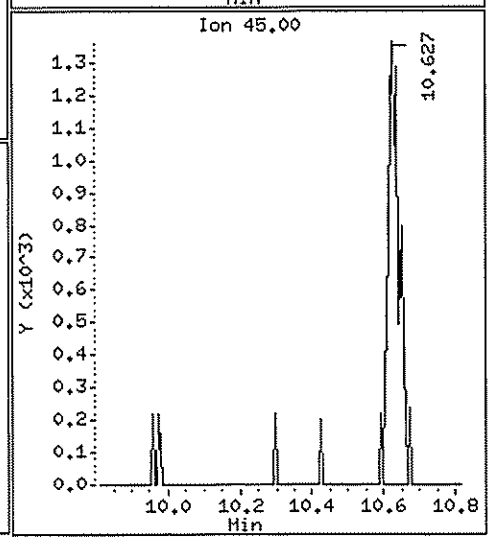












TestAmerica Buffalo

Client Sample ID: SV-07-04-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 005 **Work Order #** KHFXV1AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/25/08 **Analysis Date...** 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.025**	**0.080**	**0.17**	**J**	**0.56**
Ethylbenzene	**0.20**	**0.080**	**0.87**		**0.35**
Trichlorofluoromethane	**0.34**	**0.080**	**1.9**		**0.45**
n-Heptane	**0.46**	**0.20**	**1.9**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**1.1**	**0.20**	**3.8**		**0.70**
2,2,4-Trimethylpentane	**0.074**	**0.20**	**0.35**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.78**	**0.20**	**2.7**	**B**	**0.69**
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.49**	**0.080**	**1.6**		**0.26**
n-Octane	**0.21**	**0.16**	**0.96**		**0.75**
Pentane	**2.9**	**0.32**	**8.6**		**0.94**
Styrene	**0.035**	**0.080**	**0.15**	**J**	**0.34**
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.24**	**0.080**	**1.6**		**0.54**
Toluene	**0.55**	**0.080**	**2.1**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.020**	**0.080**	**0.11**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.15**	**0.080**	**0.73**		**0.39**
1,3,5-Trimethylbenzene	**0.044**	**0.080**	**0.22**	**J**	**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.18**	**0.080**	**0.78**		**0.35**
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.23**	**0.40**	**1.3**	**J**	**2.3**
n-Dodecane	ND	0.40	ND		2.8
n-Undecane	**0.073**	**0.40**	**0.47**	**J**	**2.6**
1,1,2-Trichlorotrifluoroethane	**0.095**	**0.080**	**0.73**		**0.61**
Nonane	**0.17**	**0.16**	**0.91**		**0.84**
m-Xylene & p-Xylene	**0.57**	**0.080**	**2.5**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**9.7**	**0.16**	**23**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	**0.11**	**0.080**	**0.66**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.025**	**0.080**	**0.12**	**J**	**0.39**

TestAmerica Buffalo

Client Sample ID: SV-07-04-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 005 **Work Order #** KHFXV1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	**0.75**	**0.20**	**1.5**	**0.41**
2-Methylbutane	**4.1**	**0.20**	**12**	**0.59**
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.61**	**0.080**	**3.0**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	116	70 - 130
Toluene-d8	106	70 - 130
4-Bromofluorobenzene	102	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d
Report Date: 26-Feb-2008 08:18

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/khfxv1aa.d
Lab Smp Id: KHFXV1AA Client Smp ID: SV-07-04-INA
Inj Date : 25-FEB-2008 14:27
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022508,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 08:15 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.438	8.433	(1.000)	75995	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.633	10.628	(1.000)	391937	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	348708	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	9.417	9.406	(0.886)	164548	4.62145	4.621
$ 5 Toluene-d8	98	13.317	13.317	(0.864)	432147	4.25283	4.253
$ 6 4-Bromofluorobenzene	95	17.078	17.078	(1.108)	395831	4.07135	4.071
9 Dichlorodifluoromethane	85	3.736	3.731	(0.443)	91664	0.60690	0.6069
11 1,2-Dichlorotetrafluoroethane	135	3.908	3.903	(0.463)	1648	0.02487	0.02487
10 Chloromethane	52	3.898	3.892	(0.462)	6640	0.74749	0.7475
13 Vinyl Chloride	62	3.699	4.048	(0.438)	1299	0.03933	~~0.03933~~
14 n-Butane	43	4.134	4.129	(0.490)	394586	9.74238	9.742
16 Bromomethane	94	4.420	4.414	(0.524)	610	0.01731	~~0.01731~~
19 2-methyl butane	43	4.877	4.866	(0.578)	116992	4.06614	4.066
20 Trichlorofluoromethane	101	5.070	5.060	(0.601)	48834	0.34328	0.3433
24 Pentane	72	5.275	5.270	(0.625)	12562	2.91324	2.913
30 1,1,2-Trichlorotrifluoroethane	101	5.894	5.888	(0.698)	5287	0.09546	0.09546

2/26/08

Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d
Report Date: 26-Feb-2008 08:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
31 Methylene Chloride	84	6.033	6.023	(0.715)	16153	0.77854	0.7785
38 Hexane	56	7.776	7.771	(0.922)	20632	1.06633	1.066
42 Chloroform	83	8.460	8.449	(1.003)	1694	0.02527	0.02527
44 1,1,1-Trichloroethane	97	9.460	9.460	(1.121)	1663	0.01964	0.01964
46 Benzene	78	10.052	10.052	(0.945)	30706	0.49207	0.4921
49 Carbon Tetrachloride	117	10.079	10.079	(0.948)	11629	0.10556	0.1056
50 2,2,4-trimethylpentane	57	10.886	10.880	(1.024)	7999	0.07450	0.07450
51 Heptane	43	11.273	11.268	(1.060)	18799	0.46142	0.4614
61 Toluene	91	13.430	13.430	(0.871)	41310	0.55277	0.5528
62 1,1,2-Trichloroethane	97	13.328	13.500	(0.865)	49687	2.21976	~~2.220~~
64 Octane	85	14.189	14.183	(0.920)	4619	0.20573	0.2057
67 Tetrachloroethene	129	14.587	14.582	(0.946)	7204	0.24031	0.2403
69 Ethylbenzene	91	15.770	15.776	(1.023)	17686	0.20058	0.2006
72 Nonane	57	16.411	16.411	(1.065)	7057	0.17308	0.1731
70 m&p-Xylene	91	15.937	15.943	(1.034)	43001	0.56903	0.5690
73 Styrene	104	16.405	16.400	(1.064)	1515	0.03460	0.03460
74 o-Xylene	91	16.464	16.464	(1.068)	14076	0.17858	0.1786
81 1,3,5-Trimethylbenzene	120	17.852	17.852	(1.158)	1501	0.04426	0.04426
83 Decane	57	18.186	18.191	(1.180)	11673	0.22787	0.2279
85 1,2,4-Trimethylbenzene	105	18.299	18.293	(1.187)	13792	0.14867	0.1487
93 Undecane	57	19.525	19.531	(1.267)	4346	0.07325	0.07325

2/26/08

Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d
Report Date: 26-Feb-2008 08:18

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: khfxv1aa.d
Lab Smp Id: KHFXV1AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022508.b/TO15S.m
Misc Info: E022508,TO15S,,,500 ML

Calibration Date: 25-FEB-2008
Calibration Time: 08:09
Client Smp ID: SV-07-04-INA
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	94875	56451	133299	75995	-19.90
2 1,4-Difluorobenze	467871	278383	657359	391937	-16.23
3 Chlorobenzene-d5	430258	256004	604512	348708	-18.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.44	0.06
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.05
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	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.

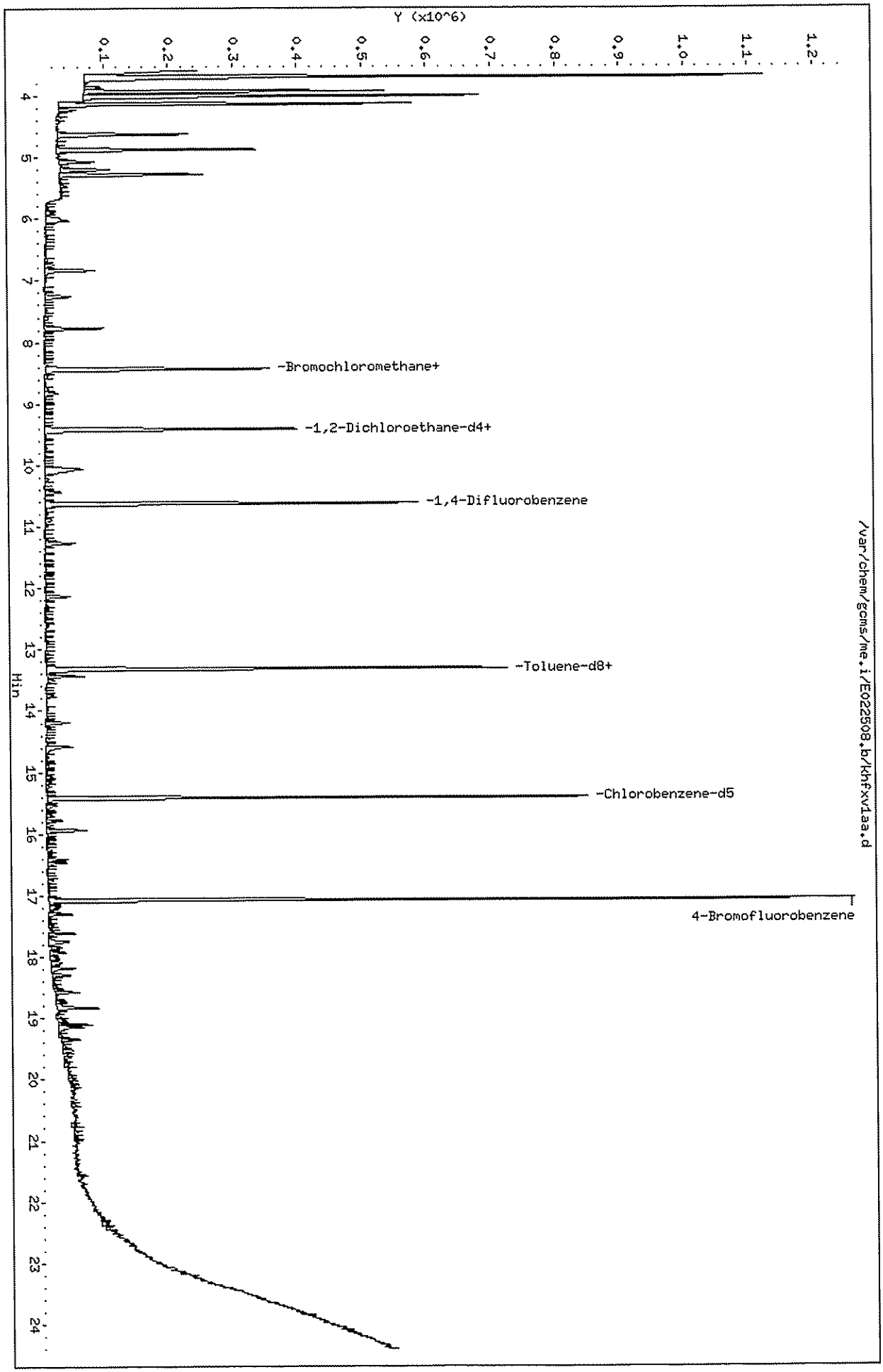
Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d
Report Date: 26-Feb-2008 08:18

TestAmerica Knoxville

RECOVERY REPORT

Client Name: TestAmerica Buffalo
Sample Matrix: GAS
Lab Smp Id: KHFXV1AA
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: seneca.sub
Client SDG: H8B210257
Fraction: OTHER
Client Smp ID: SV-07-04-INA
Operator: 7126
SampleType: SAMPLE
Quant Type: ISTD
Method File: /var/chem/gcms/me.i/E022508.b/TO155.m
Misc Info: E022508,TO155,,,500 ML

	SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4	1,2-Dichloroethane	4.000	4.621	115.54	70-130
$ 5	Toluene-d8	4.000	4.253	106.32	70-130
$ 6	4-Bromofluorobenze	4.000	4.071	101.78	70-130


Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d
Date : 25-FEB-2008 14:27
Client ID: SV-07-04-INA
Sample Info: ,,0,,,,
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene
/var/chem/gcms/me.i/E022508.b/khfxv1aa.d
Min

Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

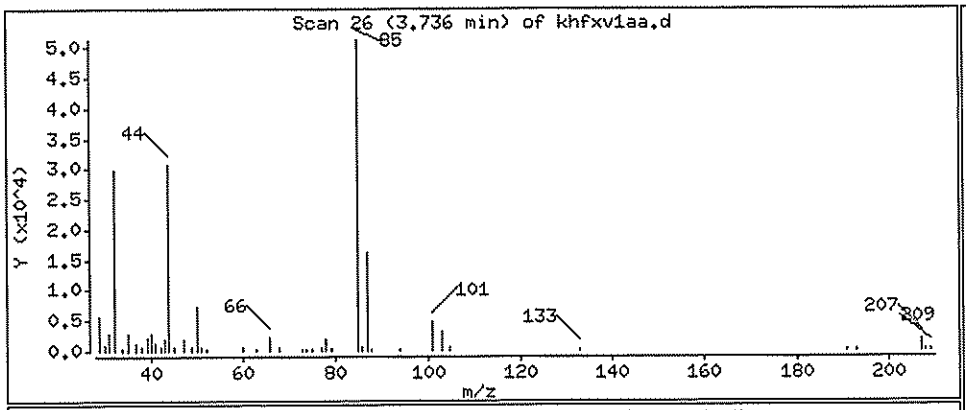
Operator: 7126

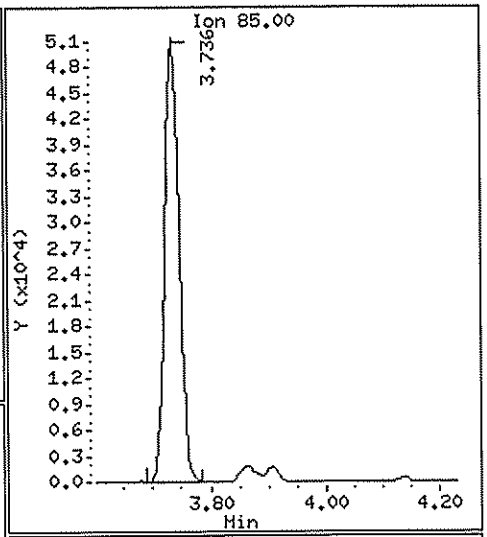
Column phase: HP-5

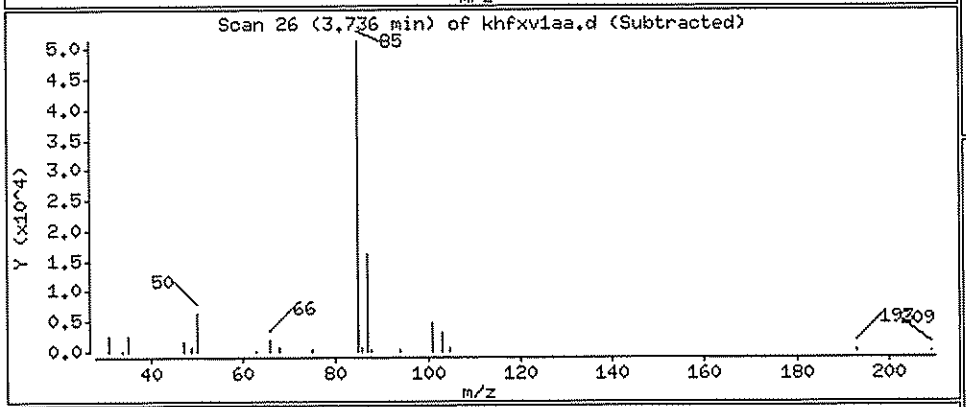
Column diameter: 0.32

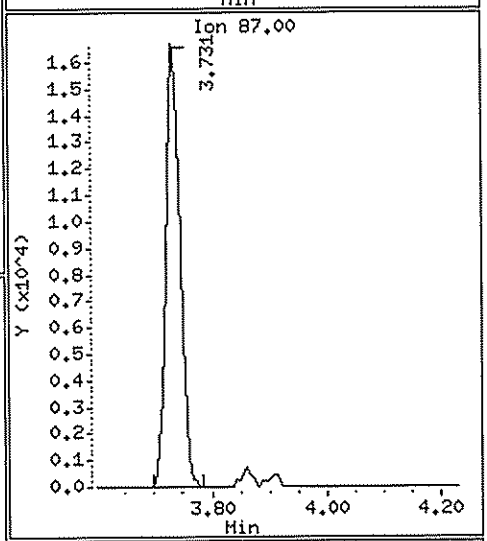
9 Dichlorodifluoromethane

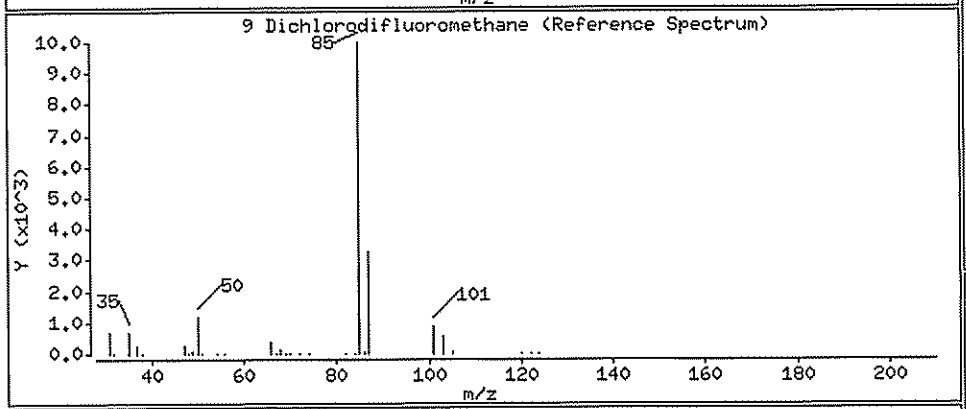
Concentration: 0.6069 ppb(v/v)

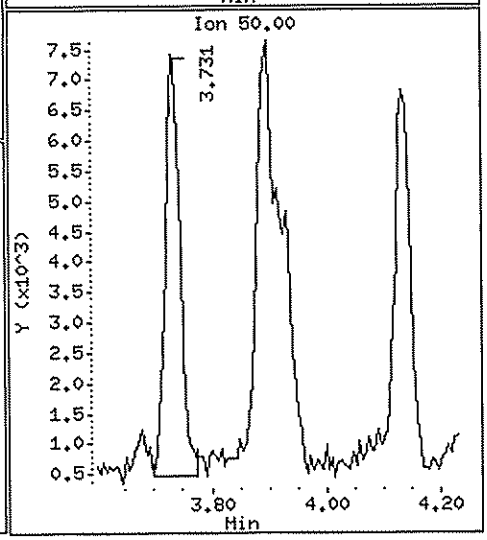


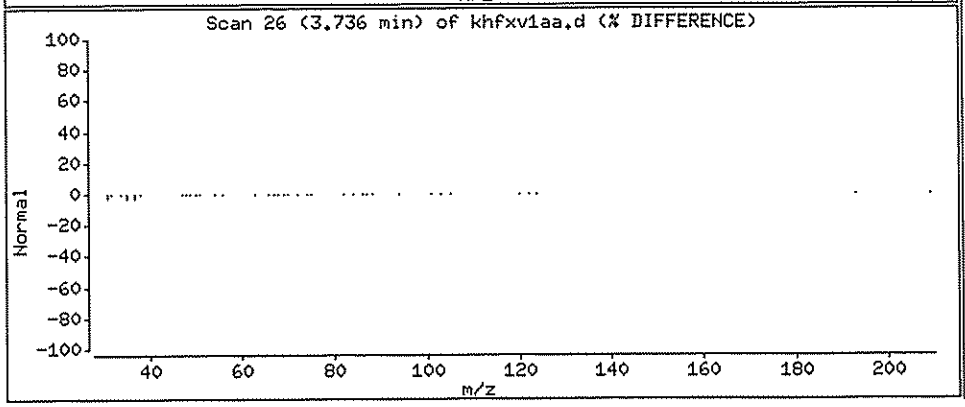












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

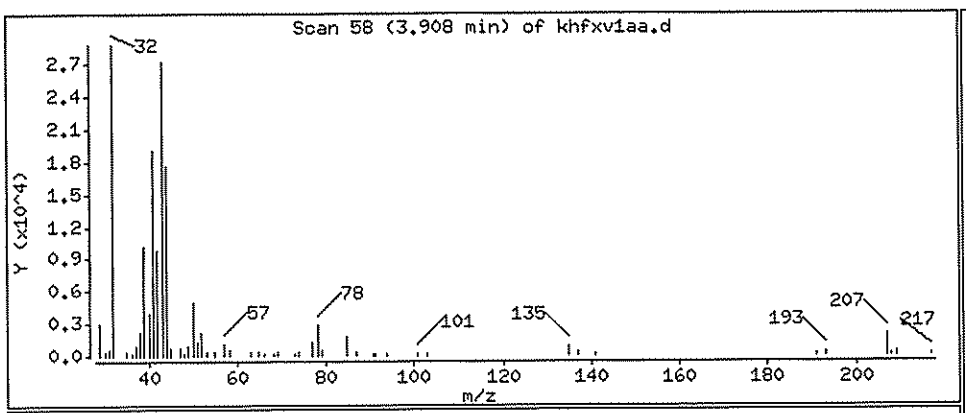
Operator: 7126

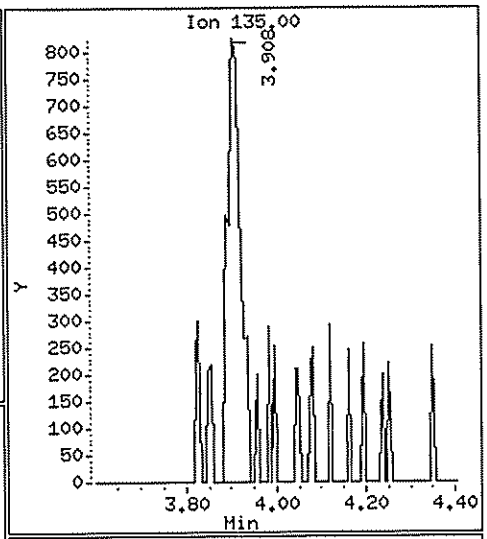
Column phase: HP-5

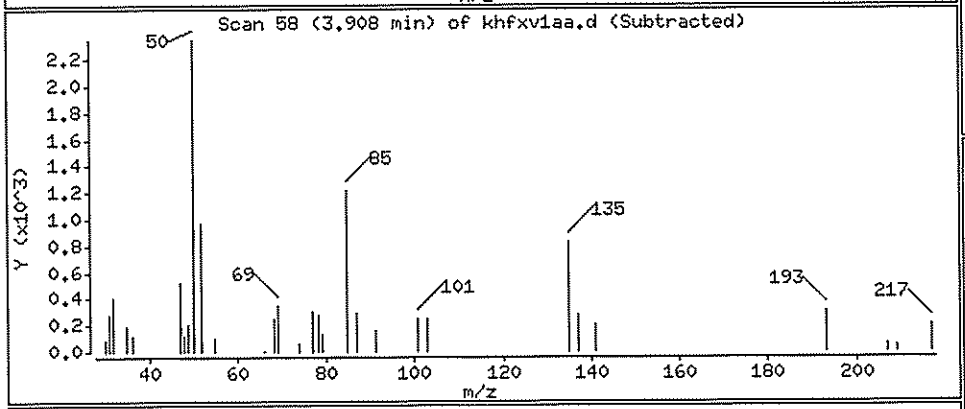
Column diameter: 0.32

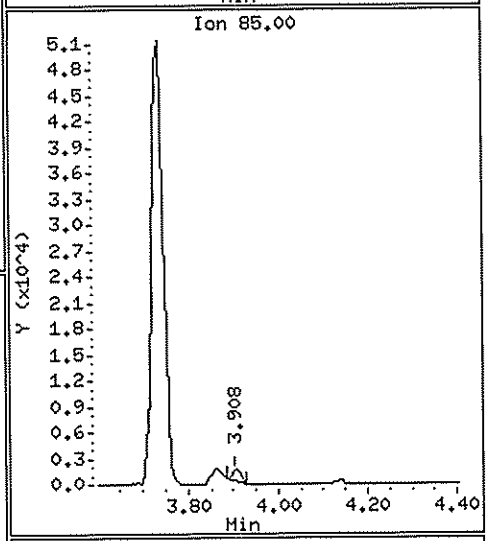
11 1,2-Dichlorotetrafluoroethane

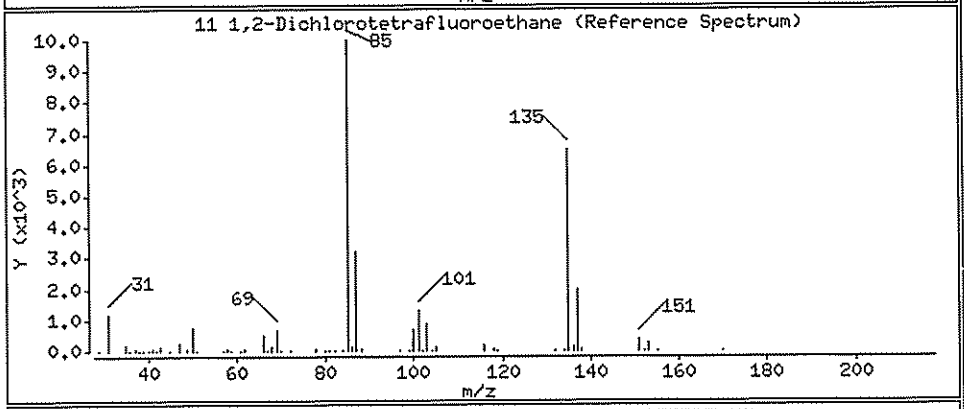
Concentration: 0.02487 ppb(v/v)

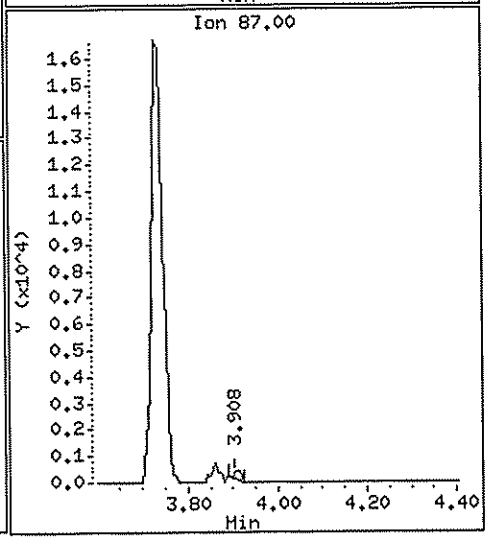


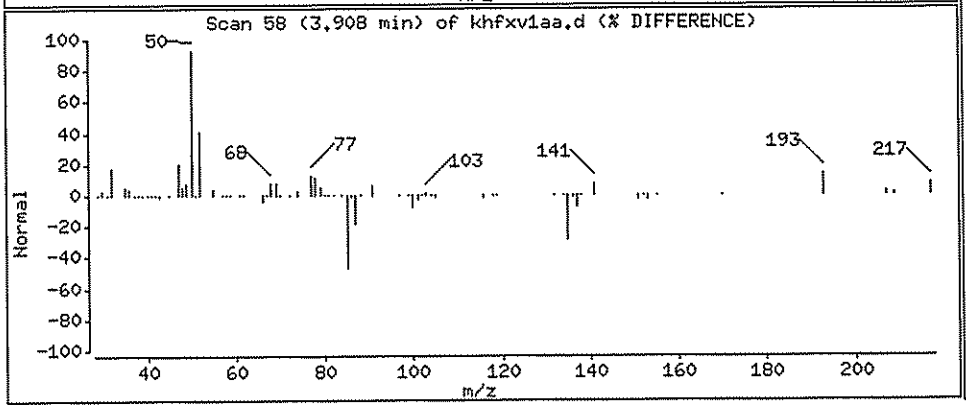












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

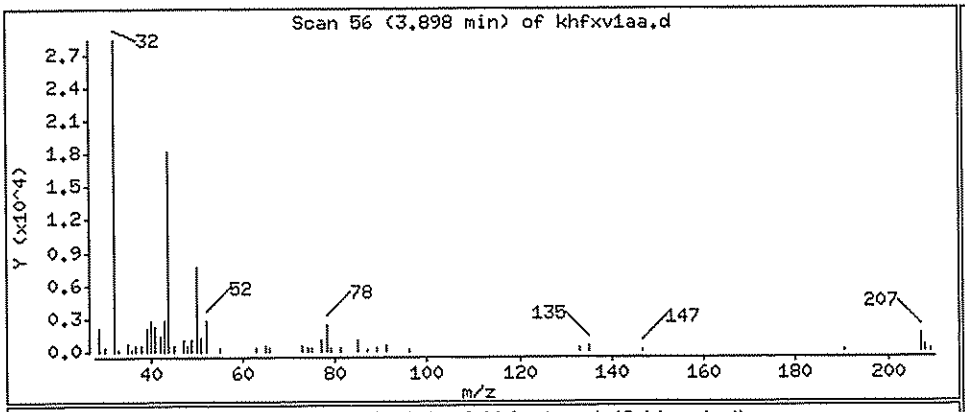
Operator: 7126

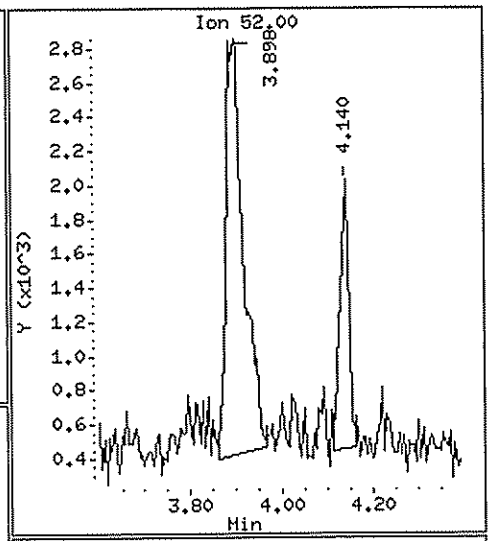
Column phase: HP-5

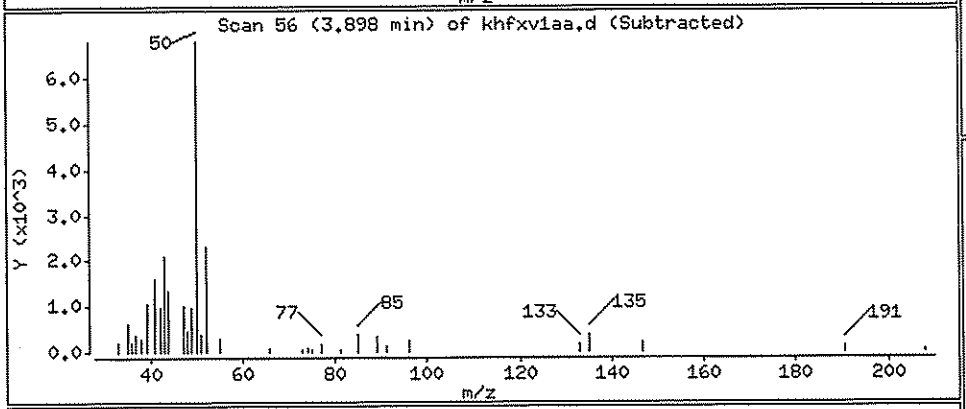
Column diameter: 0.32

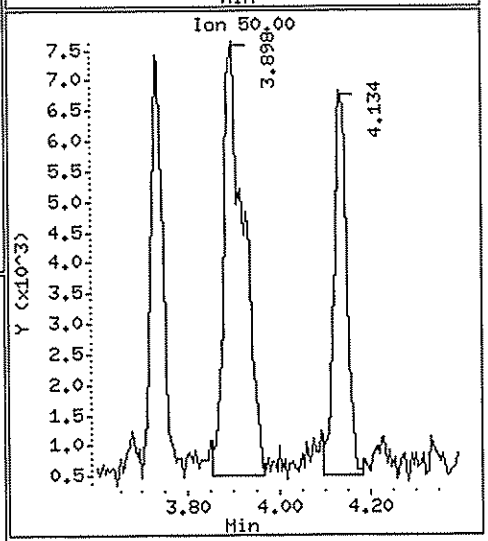
10 Chloromethane

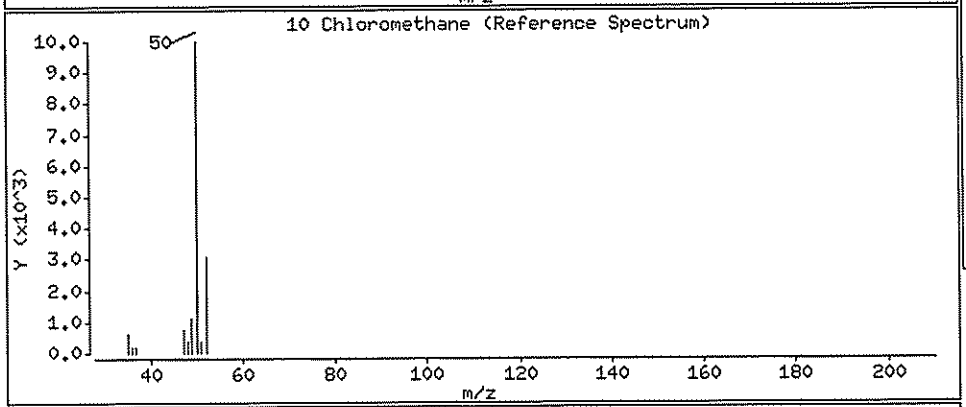
Concentration: 0.7475 ppb(v/v)

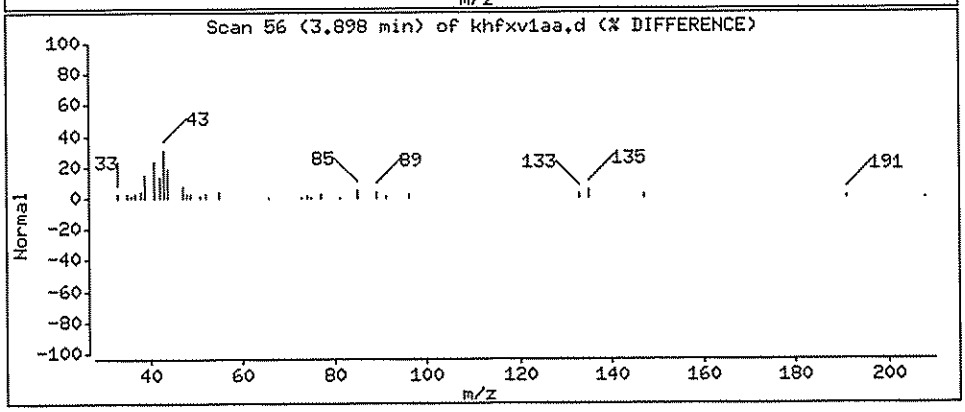












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

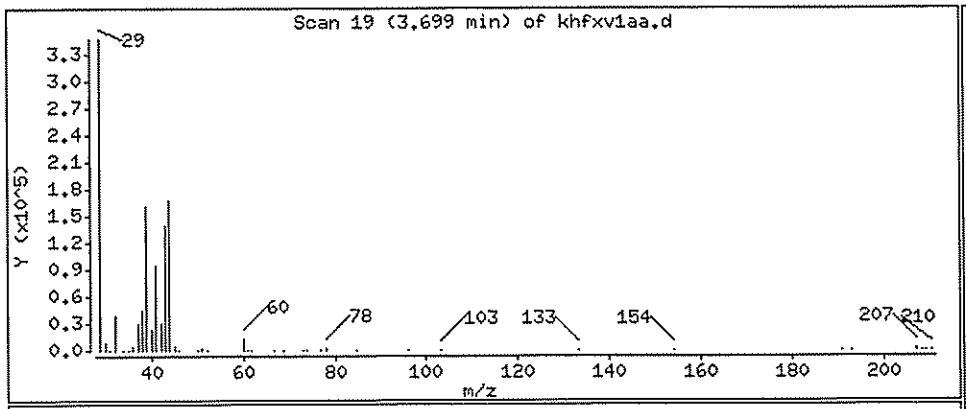
Operator: 7126

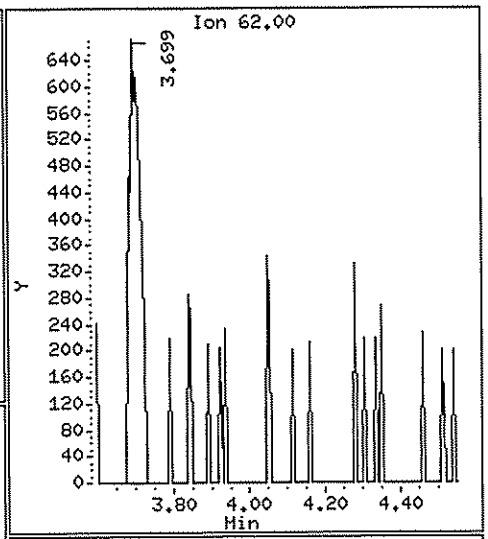
Column phase: HP-5

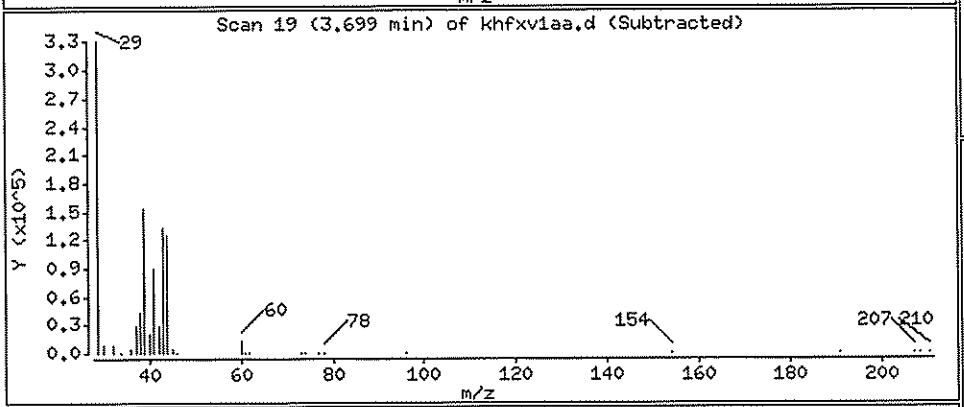
Column diameter: 0.32

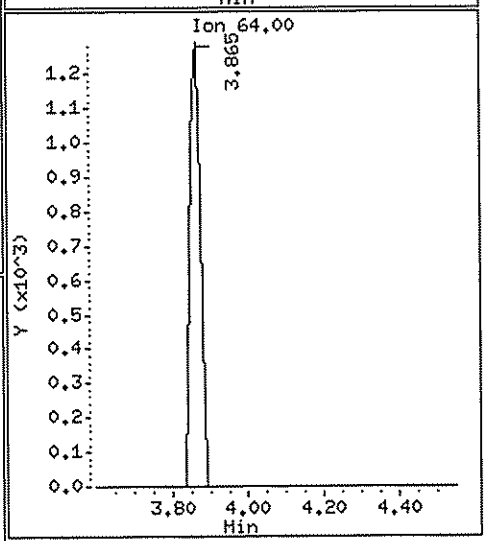
13 Vinyl Chloride

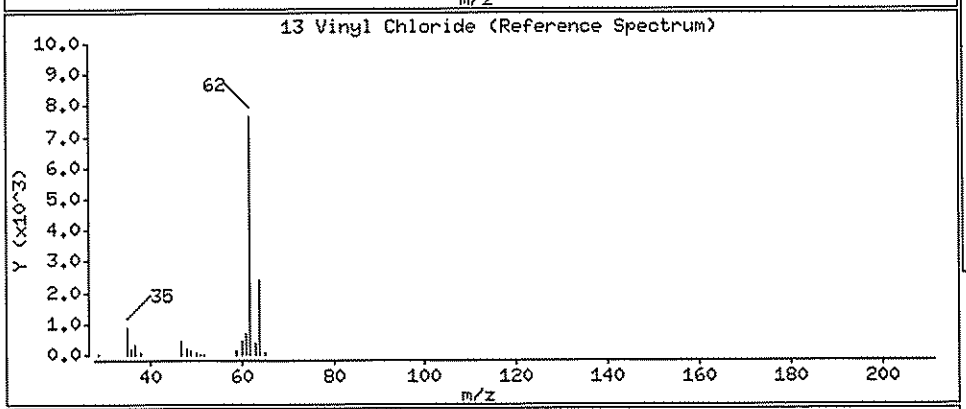
Concentration: 0.03933 ppb(v/v)

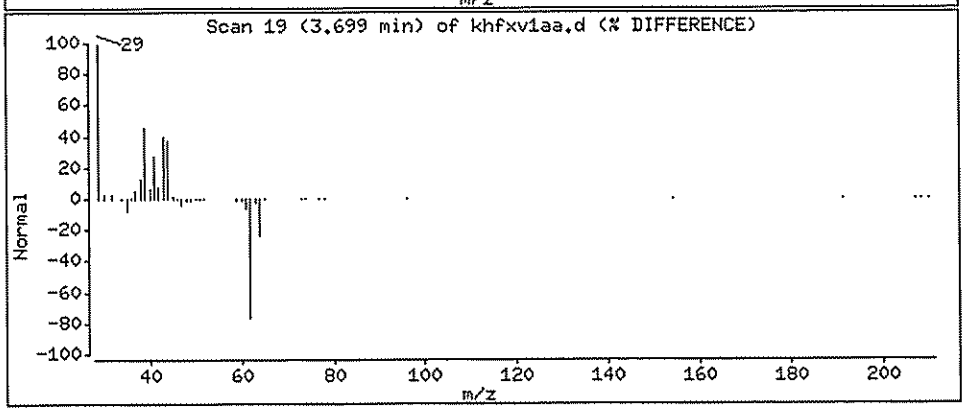












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

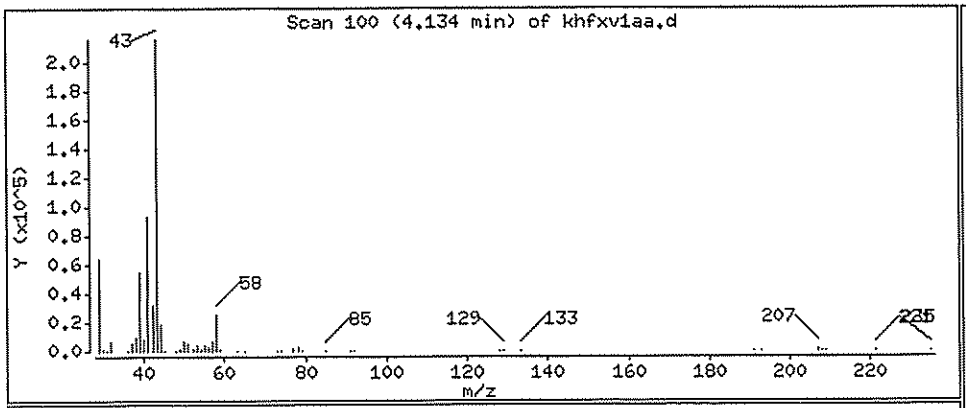
Operator: 7126

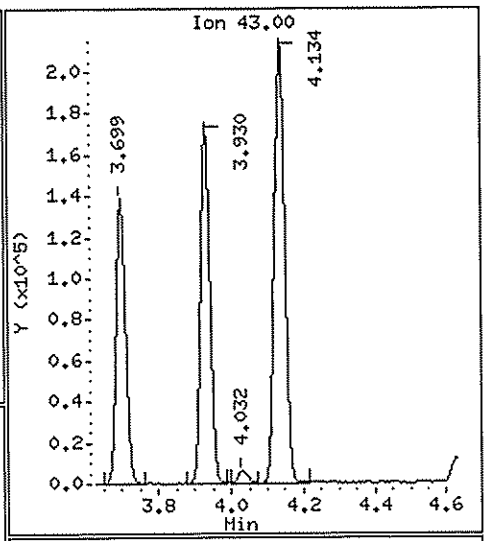
Column phase: HP-5

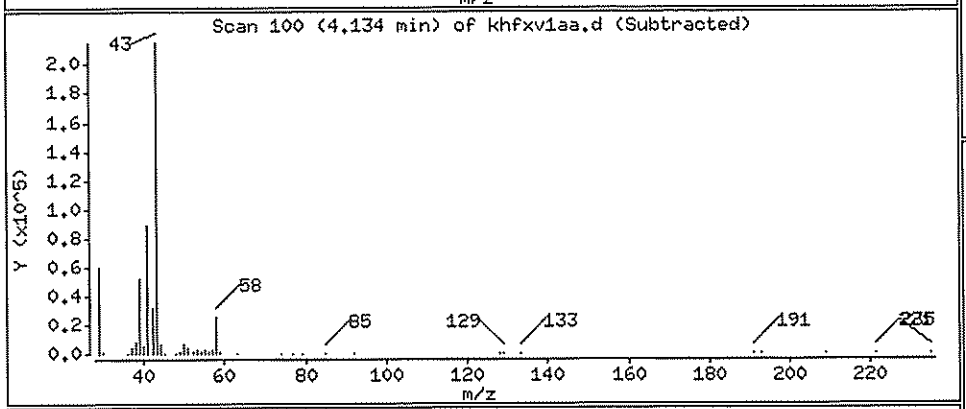
Column diameter: 0.32

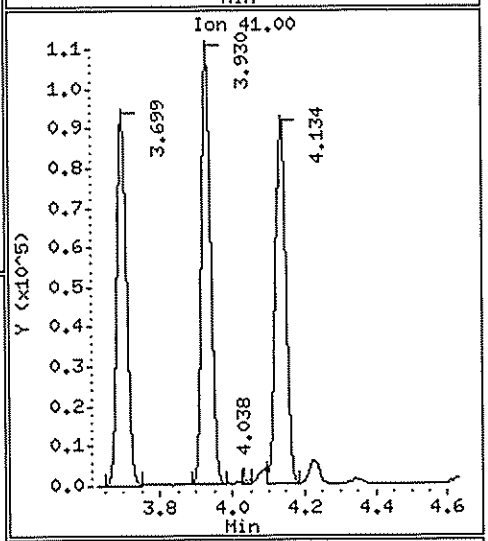
14 n-Butane

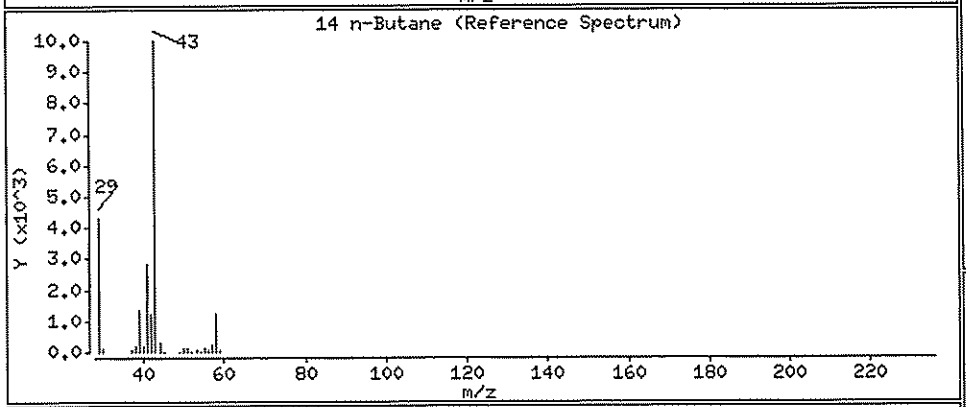
Concentration: 9.742 ppb(v/v)

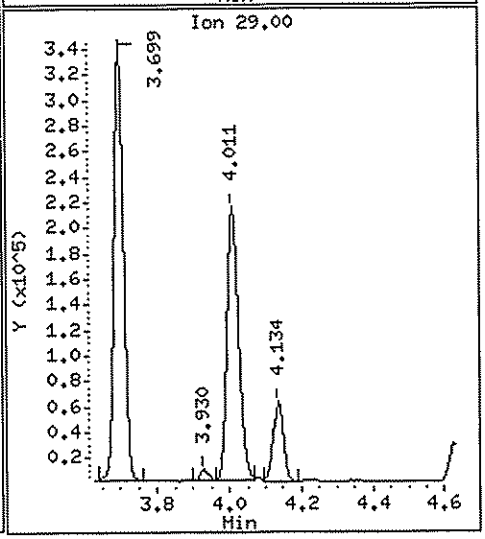


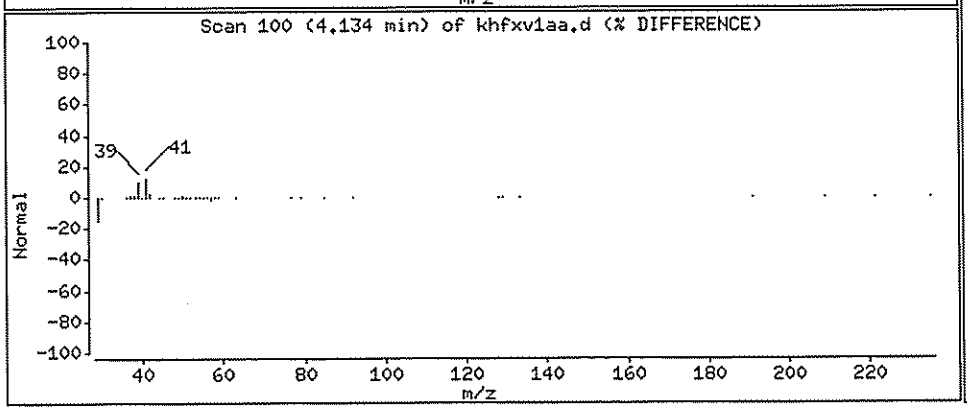












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

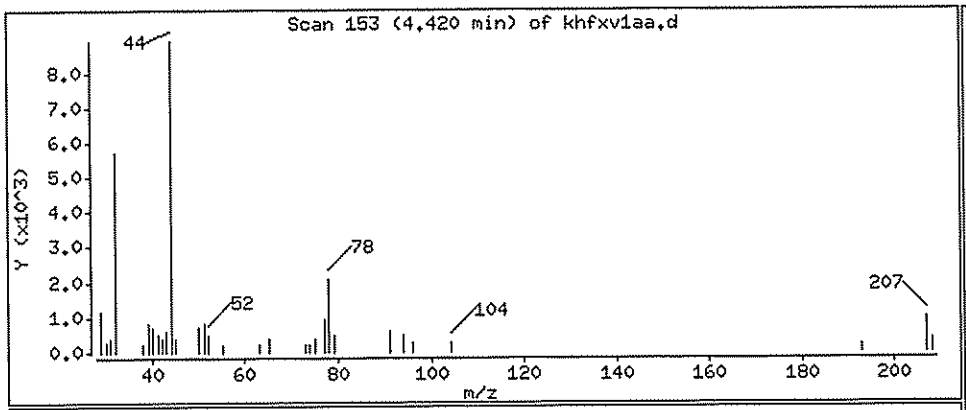
Operator: 7126

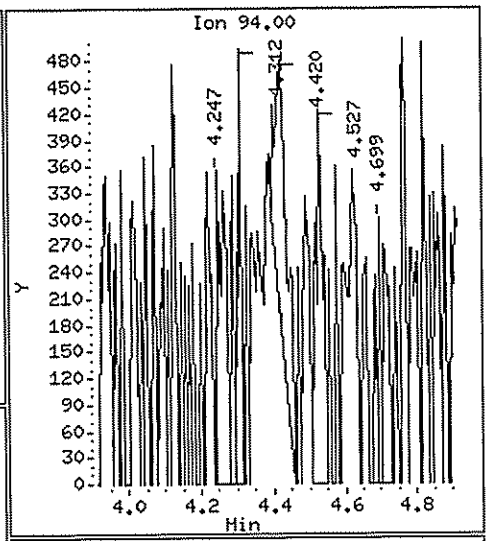
Column phase: HP-5

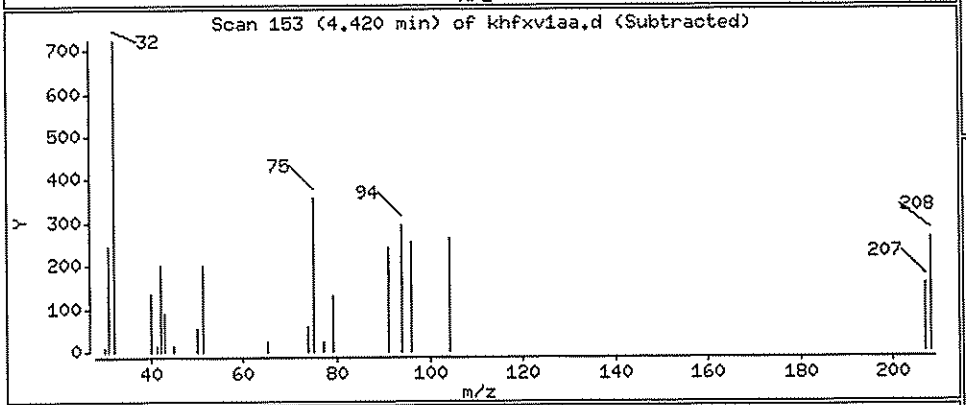
Column diameter: 0.32

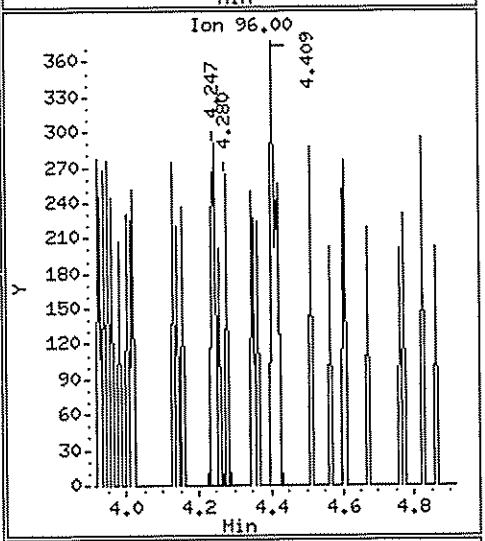
16 Bromomethane

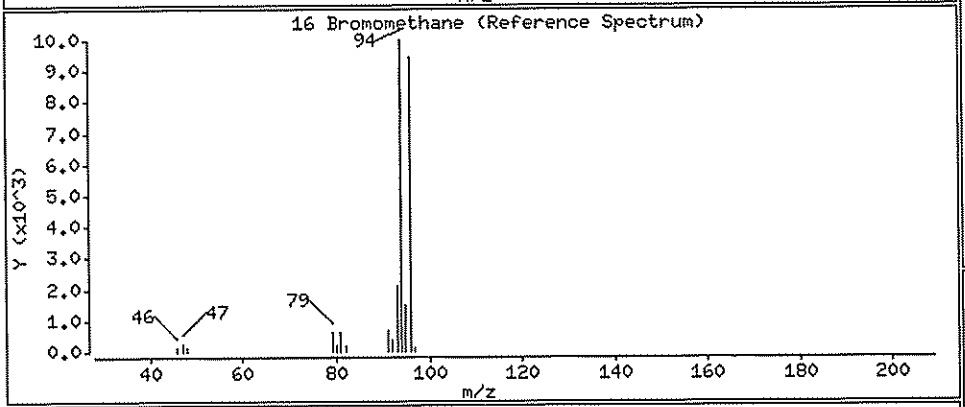
Concentration: 0.01731 ppb(v/v)

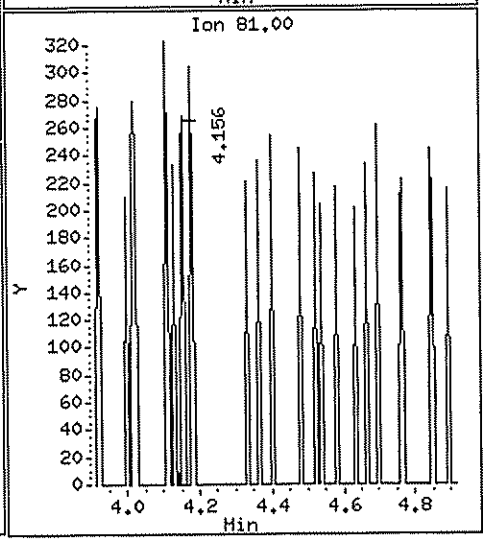


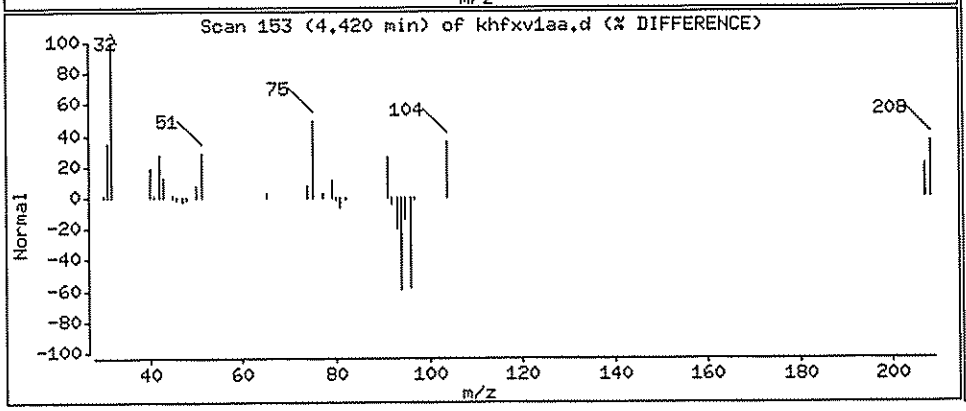












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

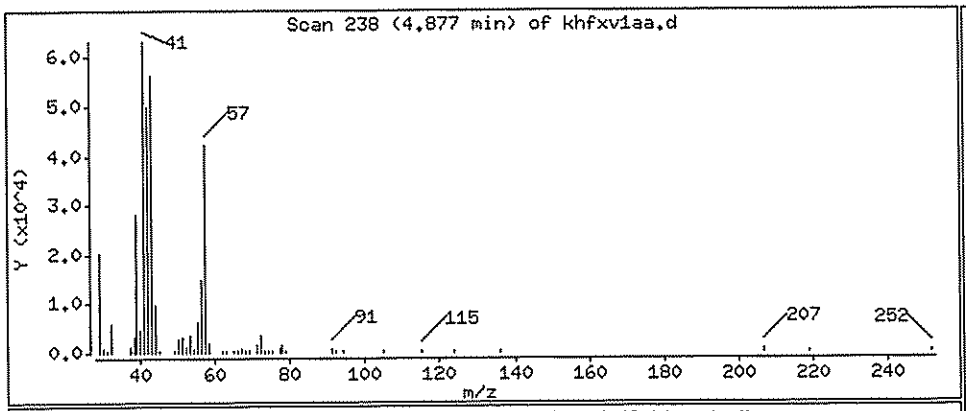
Operator: 7126

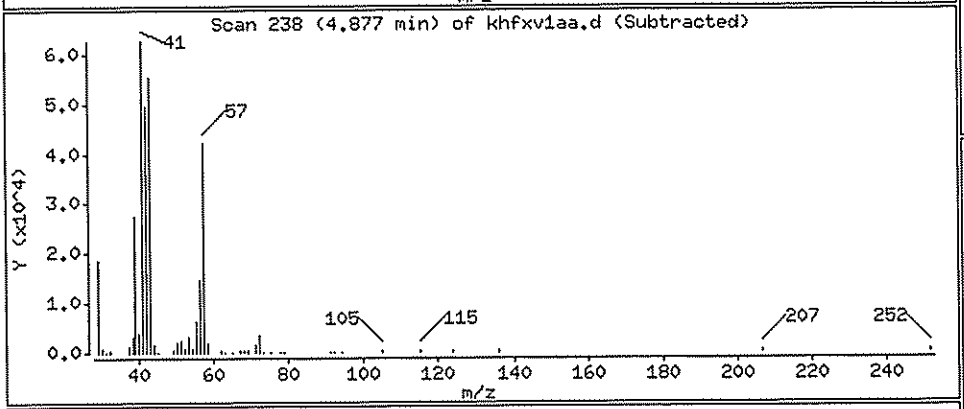
Column phase: HP-5

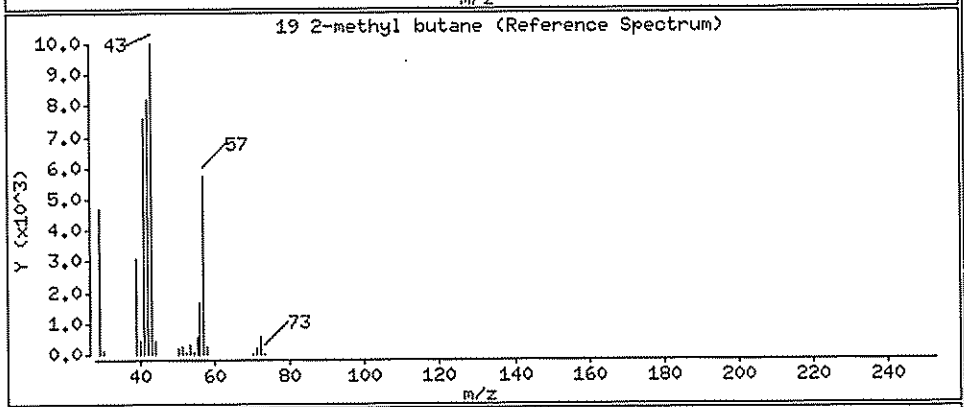
Column diameter: 0.32

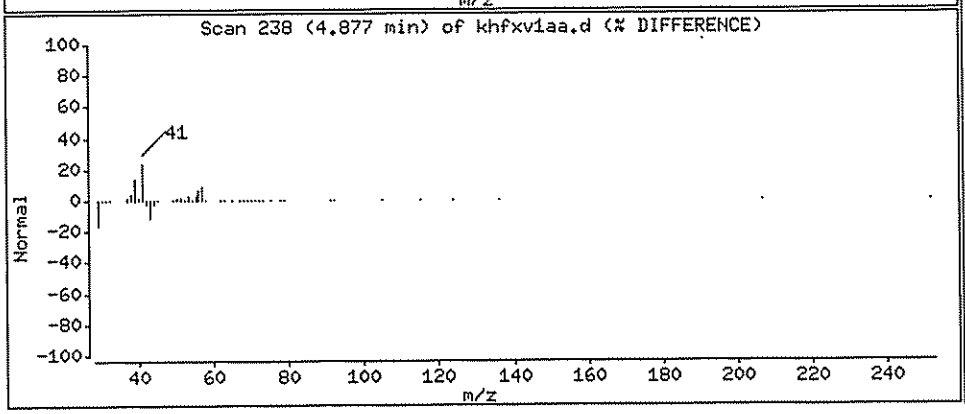
19 2-methyl butane

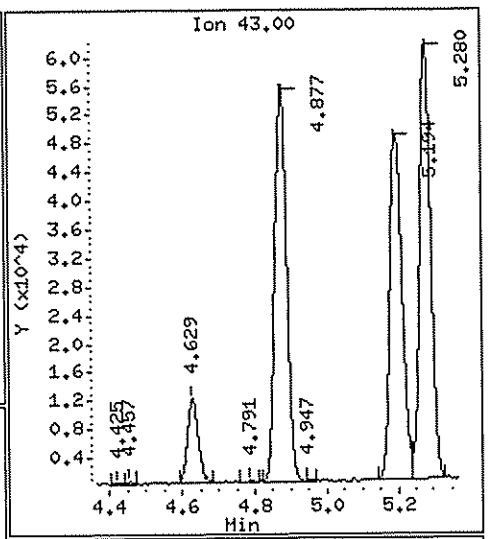
Concentration: 4.066 ppb(v/v)

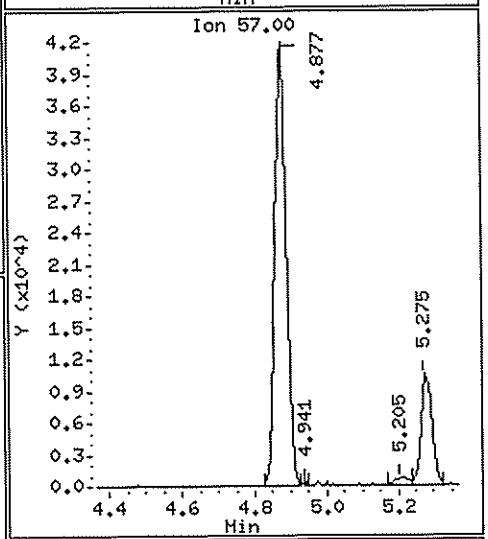


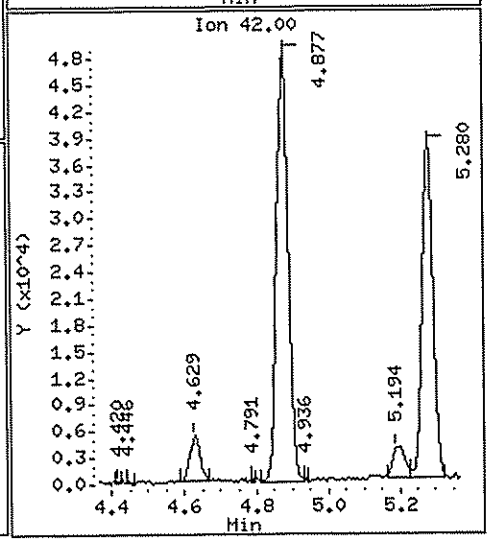












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

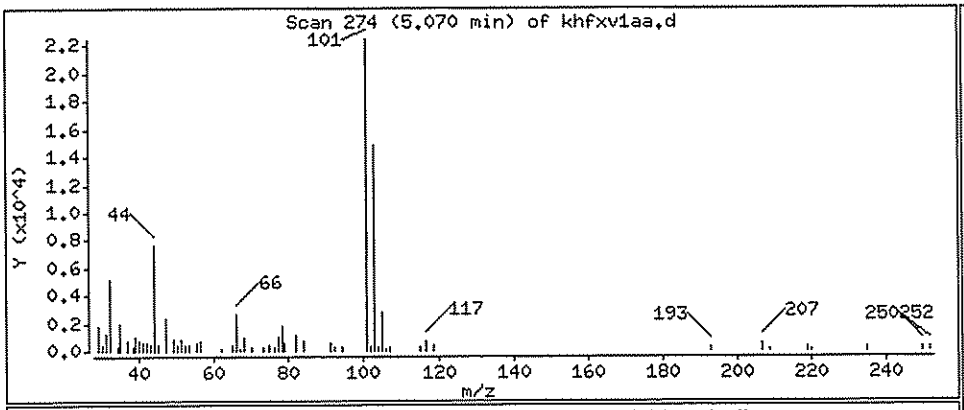
Operator: 7126

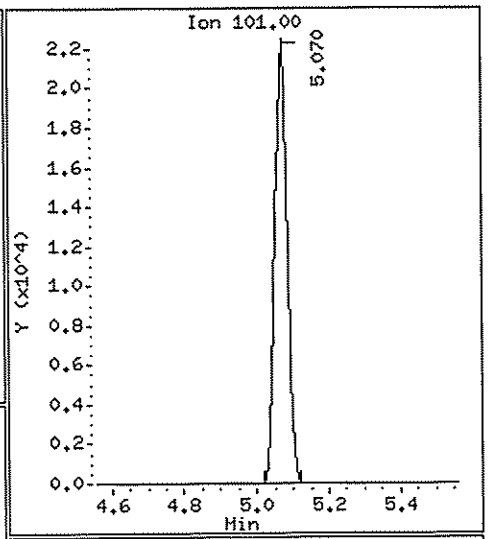
Column phase: HP-5

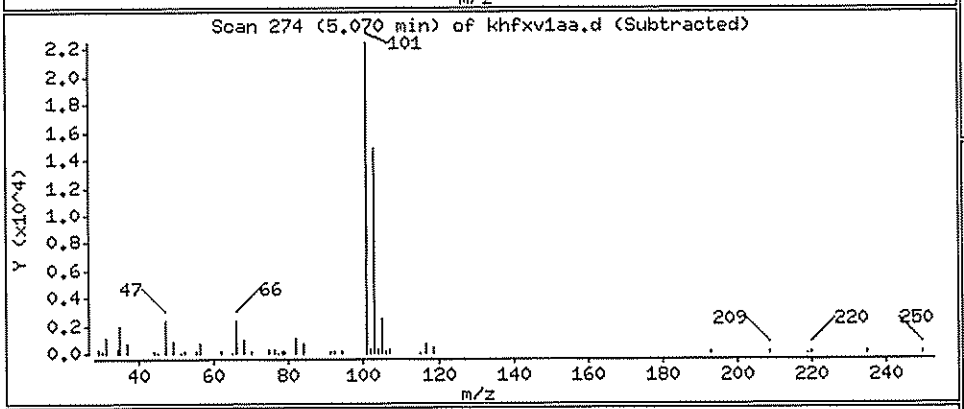
Column diameter: 0.32

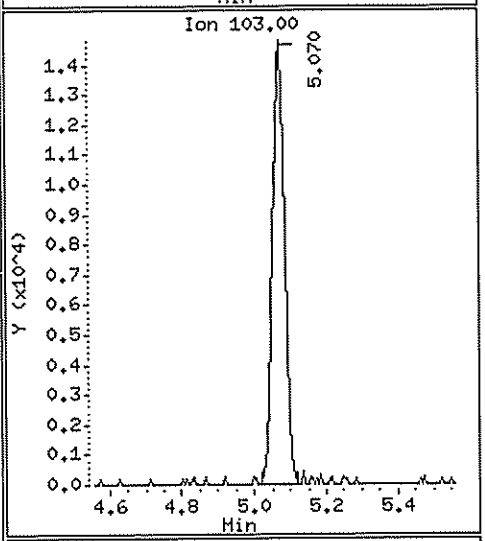
20 Trichlorofluoromethane

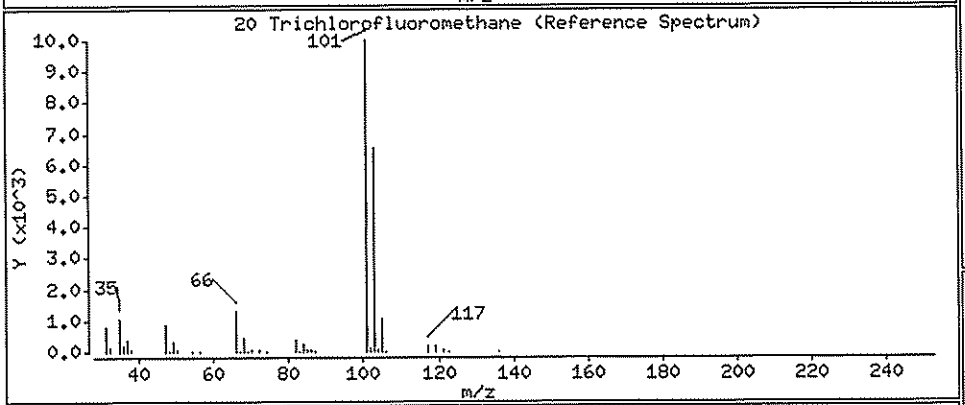
Concentration: 0.3433 ppb(v/v)

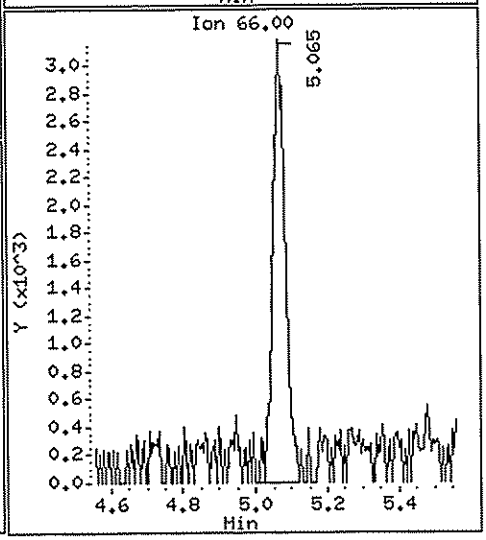


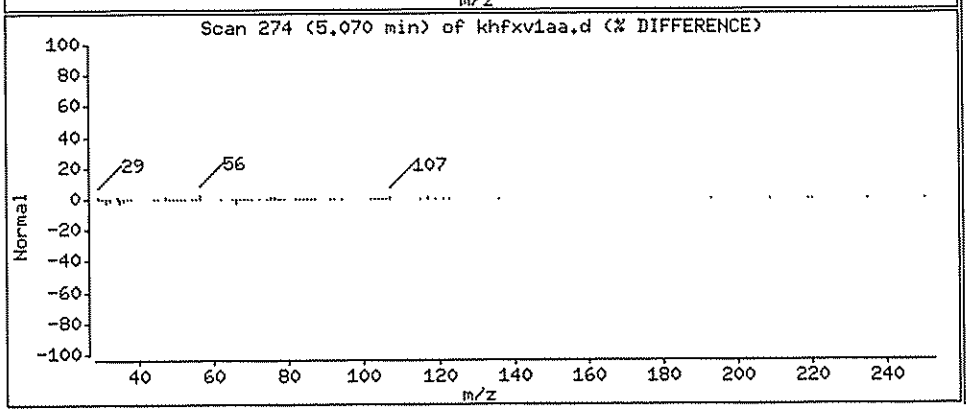












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

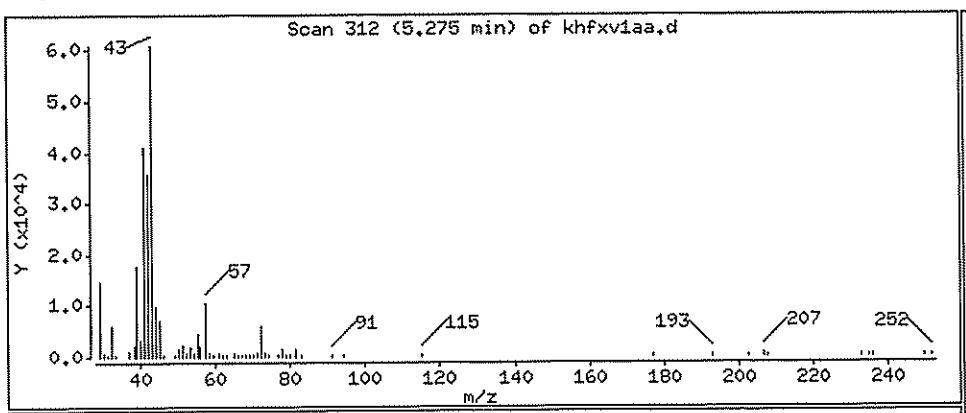
Operator: 7126

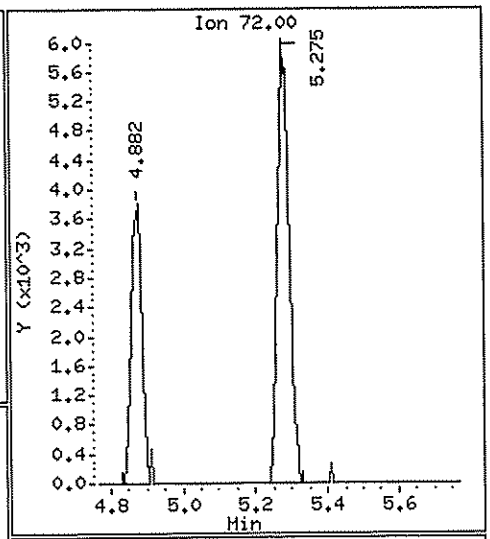
Column phase: HP-5

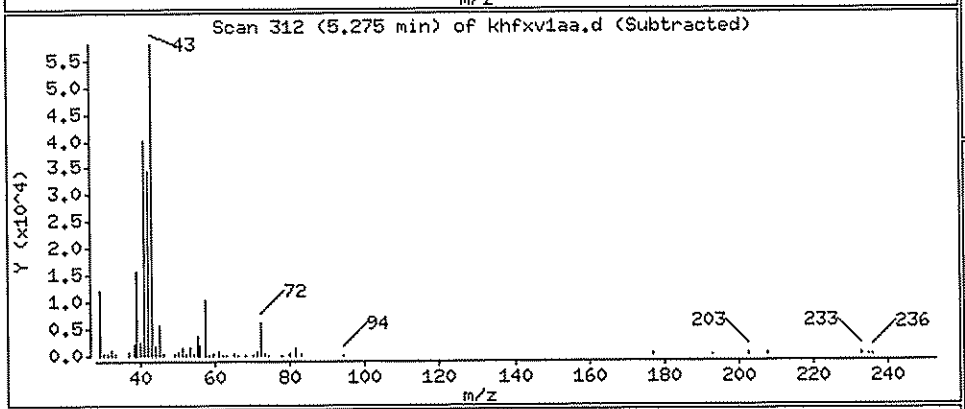
Column diameter: 0.32

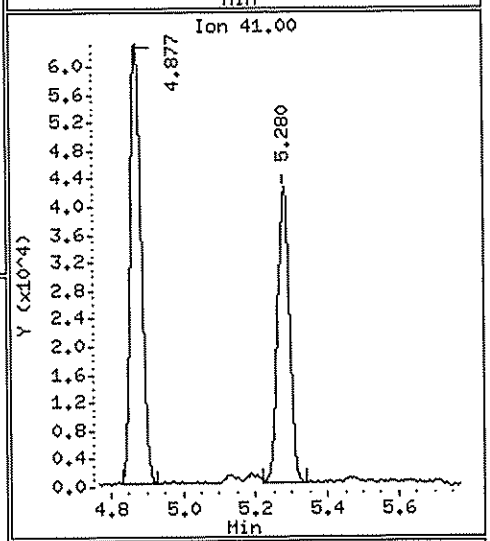
24 Pentane

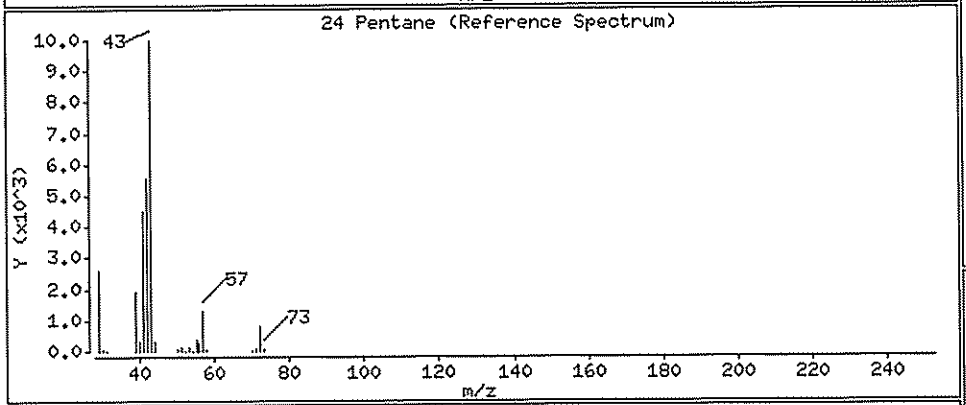
Concentration: 2.913 ppb(v/v)

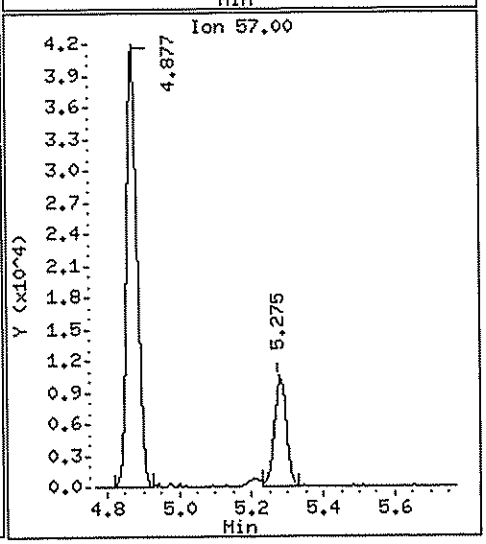


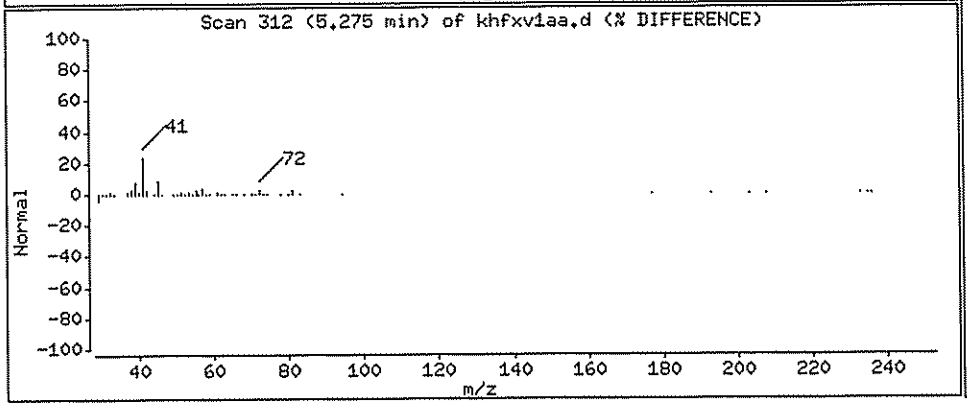












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

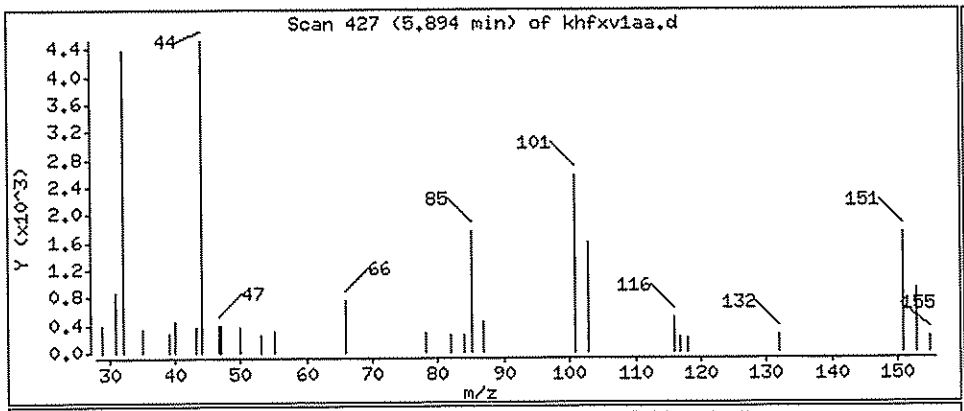
Operator: 7126

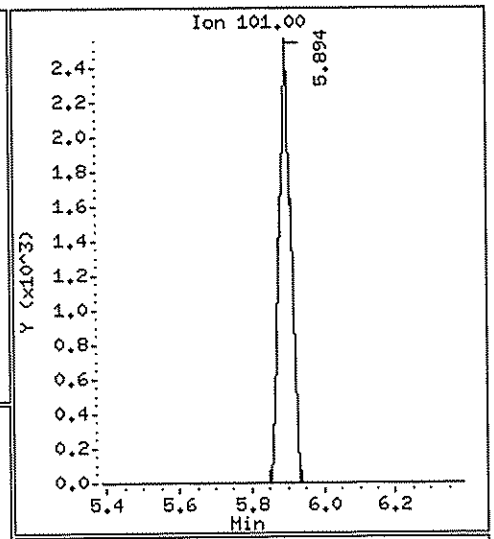
Column phase: HP-5

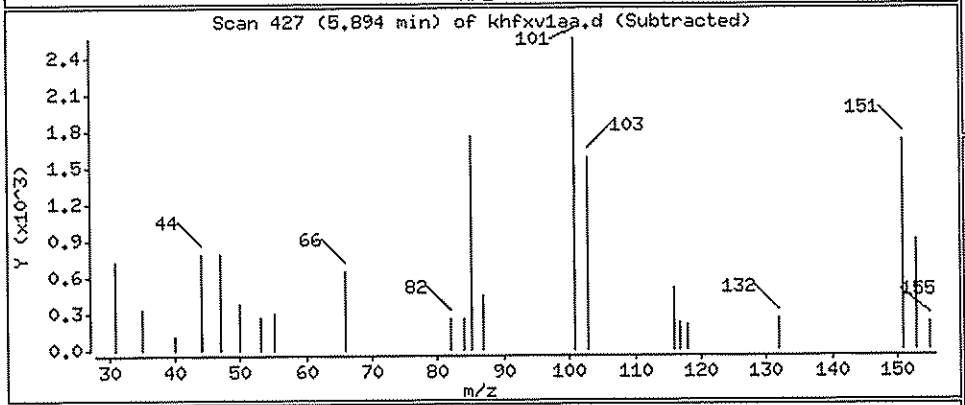
Column diameter: 0.32

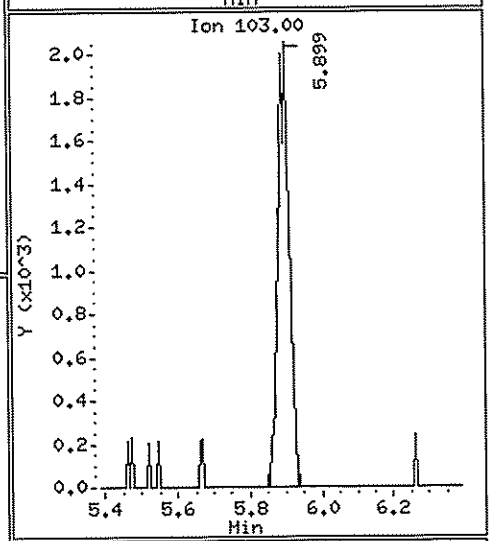
30 1,1,2-Trichlorotrifluoroethane

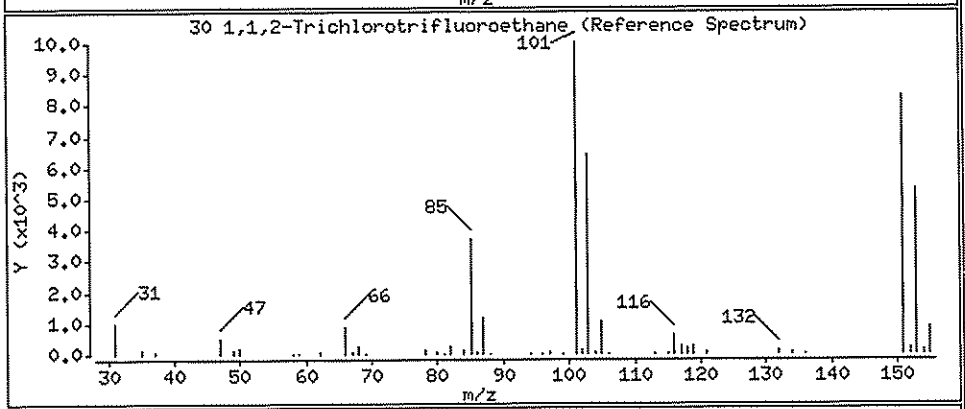
Concentration: 0.09546 ppb(v/v)

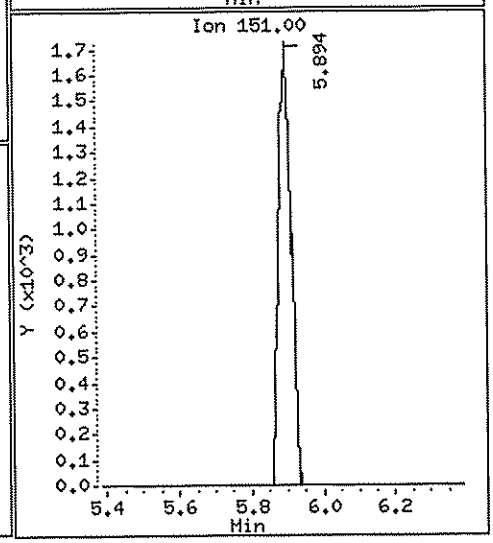


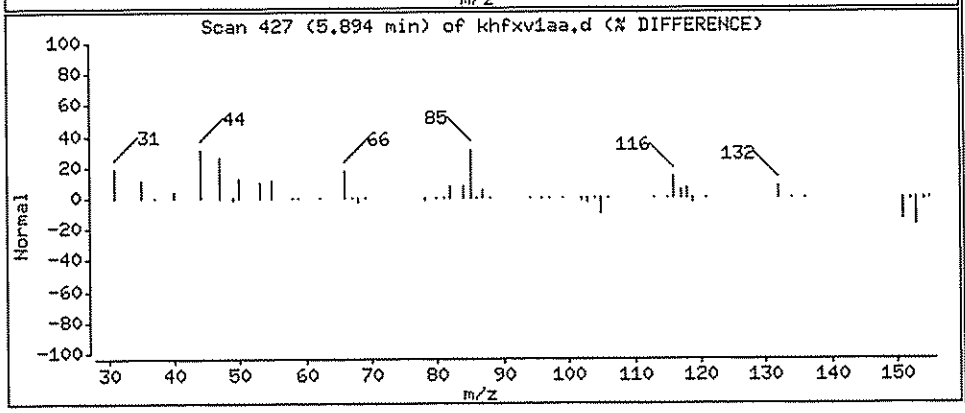












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

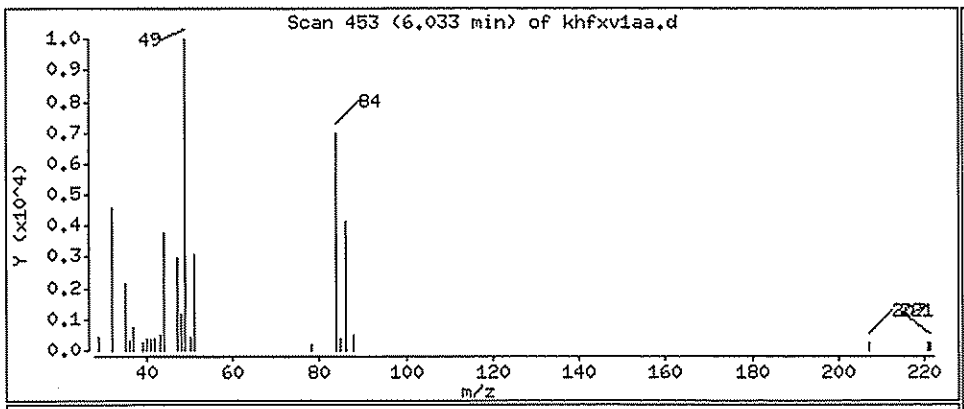
Operator: 7126

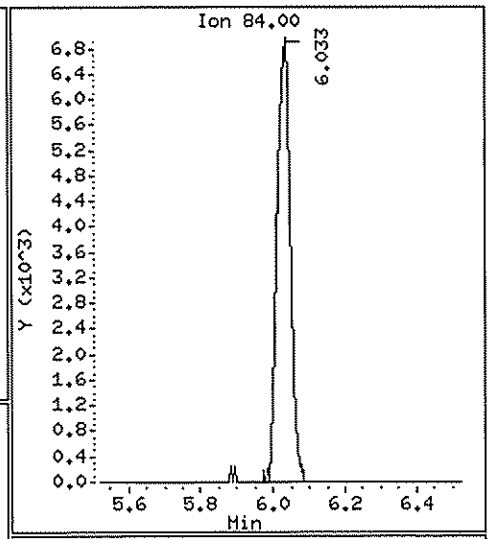
Column phase: HP-5

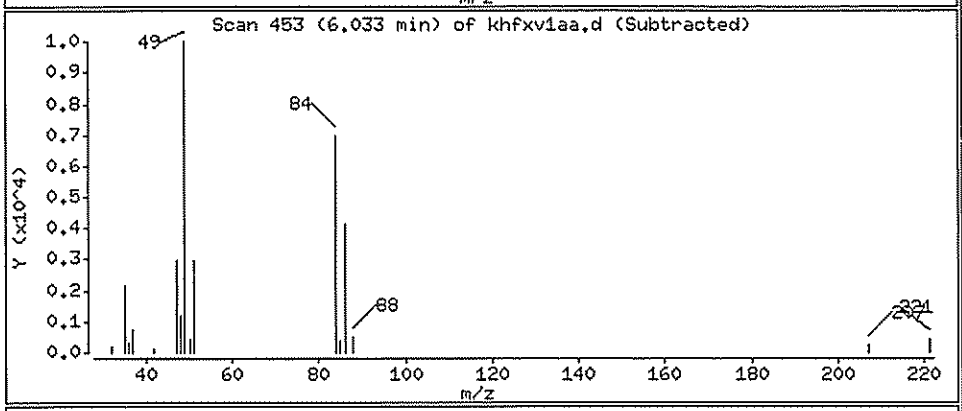
Column diameter: 0.32

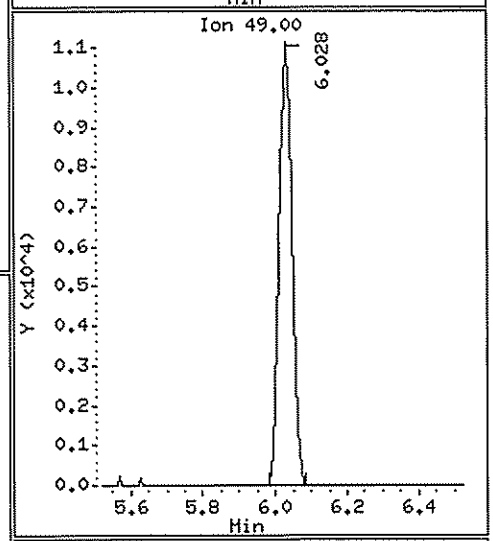
31 Methylene Chloride

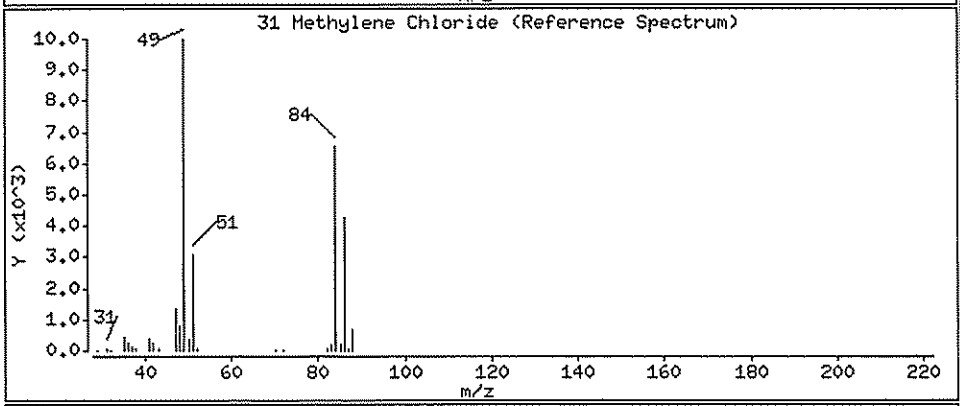
Concentration: 0.7785 ppb(v/v)

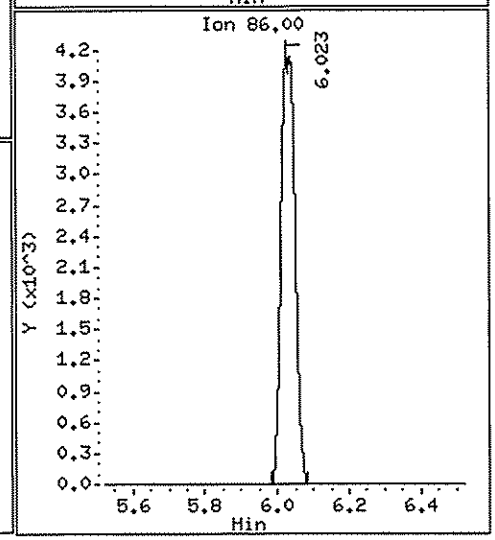


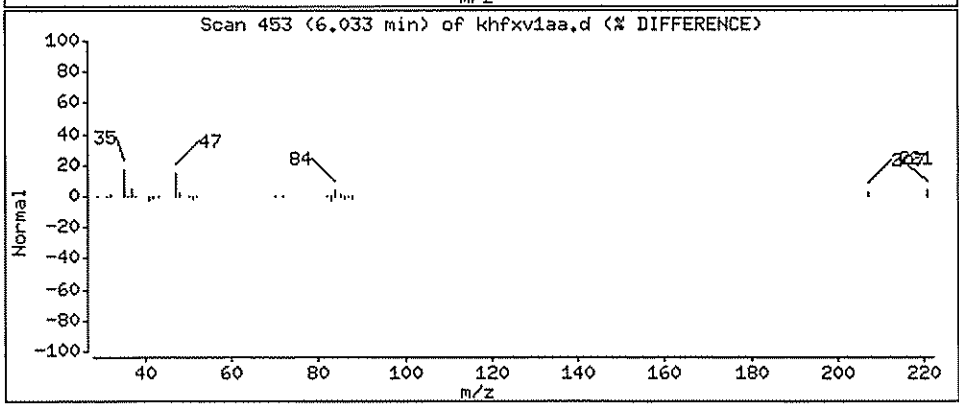












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

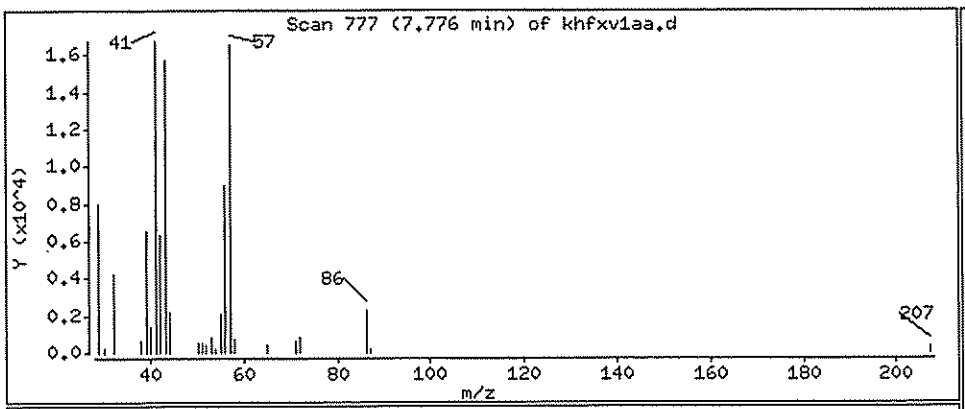
Operator: 7126

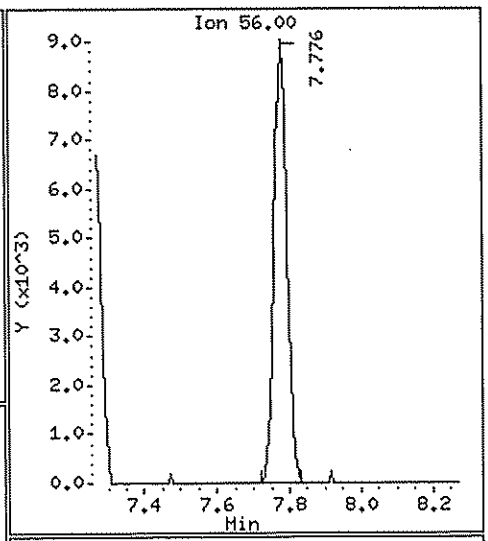
Column phase: HP-5

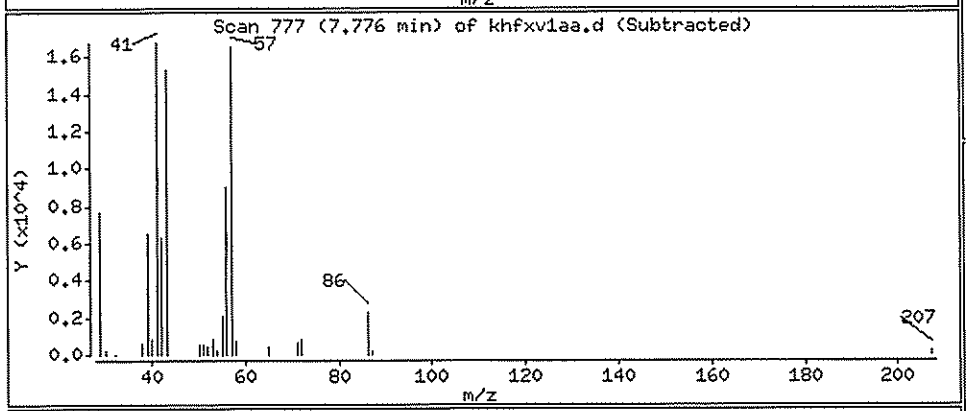
Column diameter: 0.32

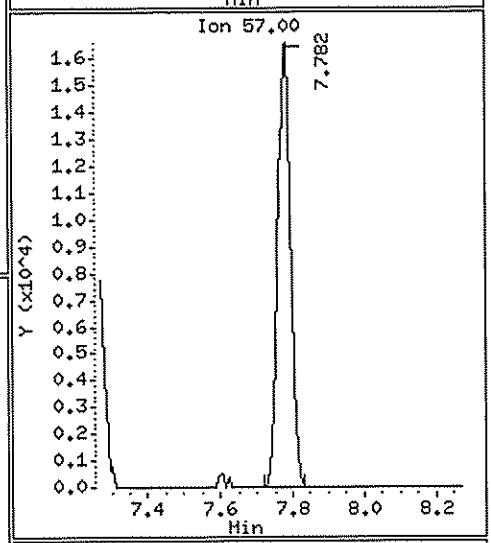
38 Hexane

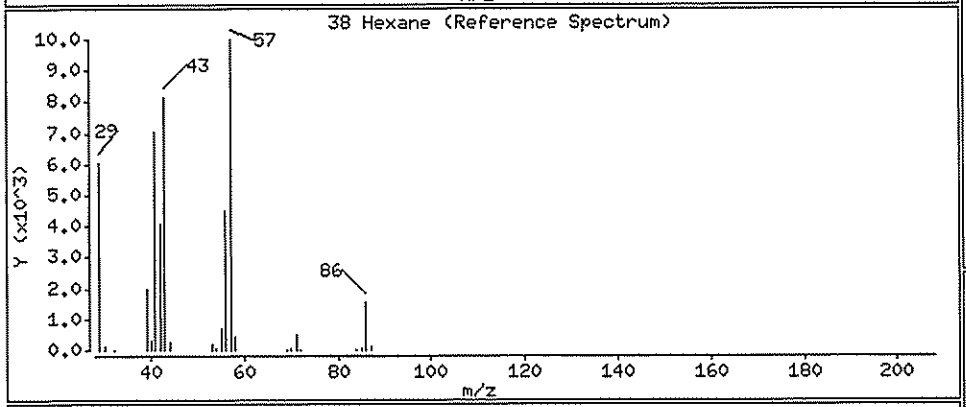
Concentration: 1.066 ppb(v/v)

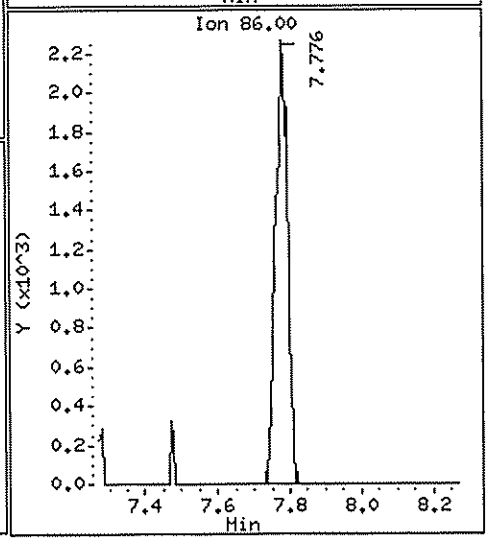


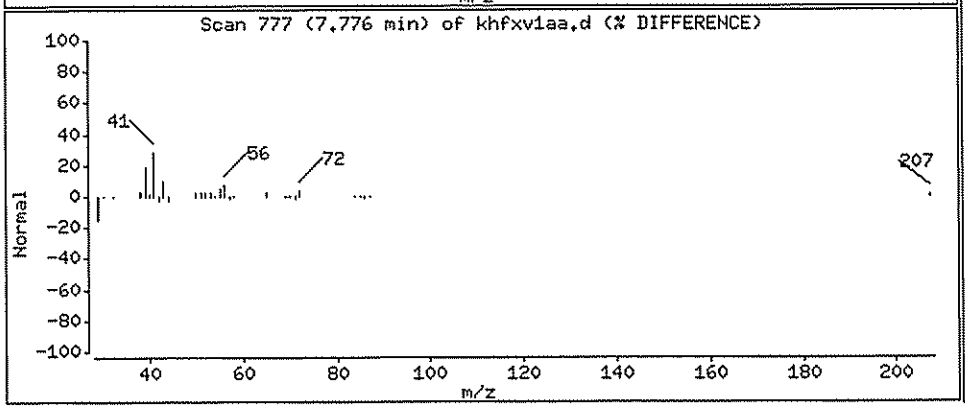












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

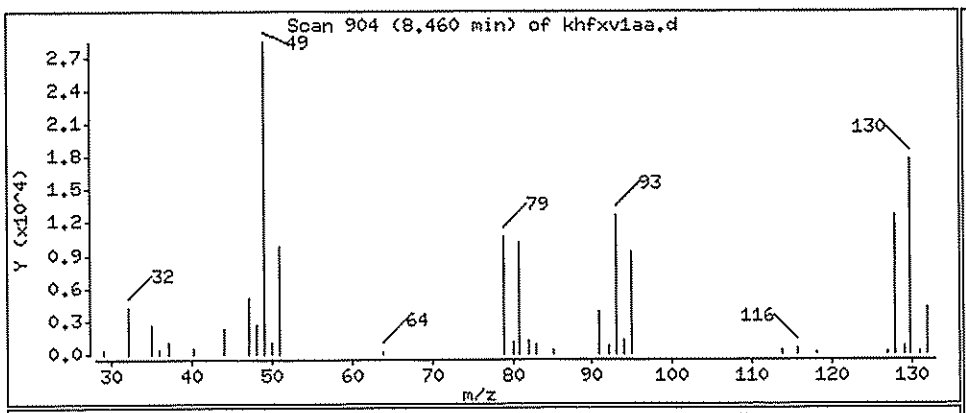
Operator: 7126

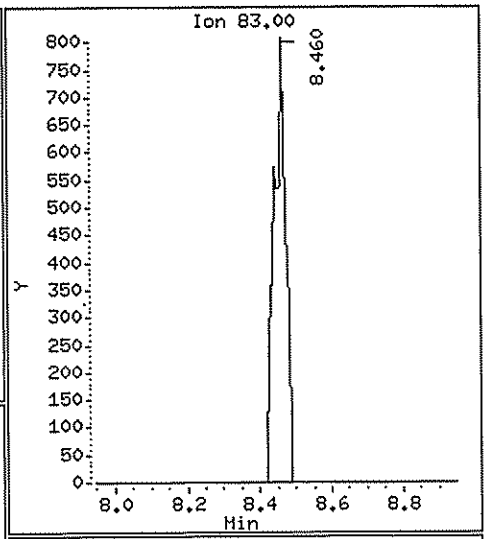
Column phase: HP-5

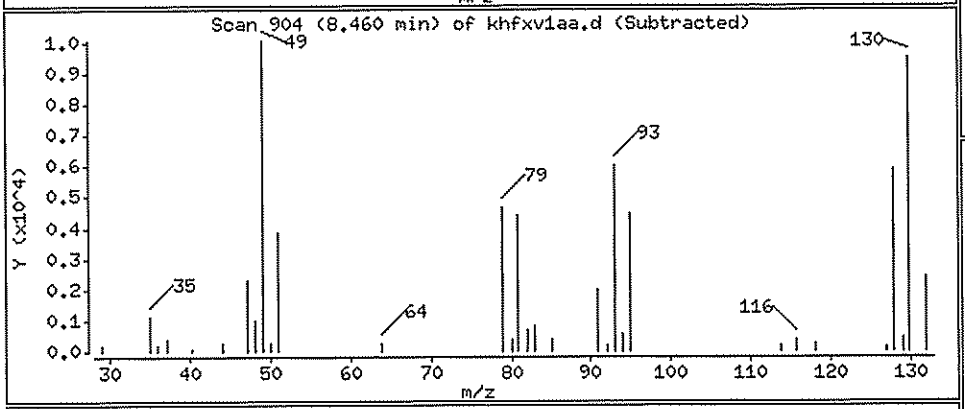
Column diameter: 0.32

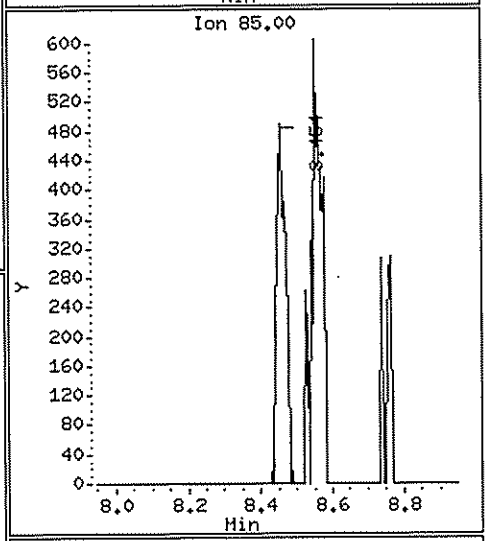
42 Chloroform

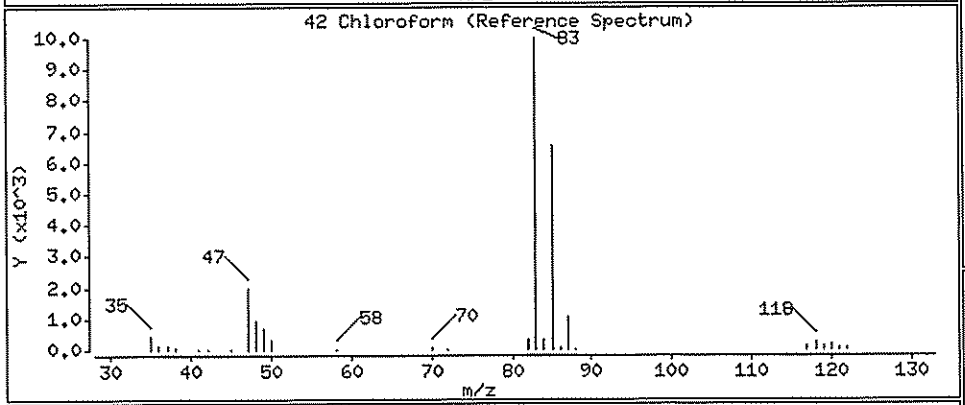
Concentration: 0.02527 ppb(v/v)

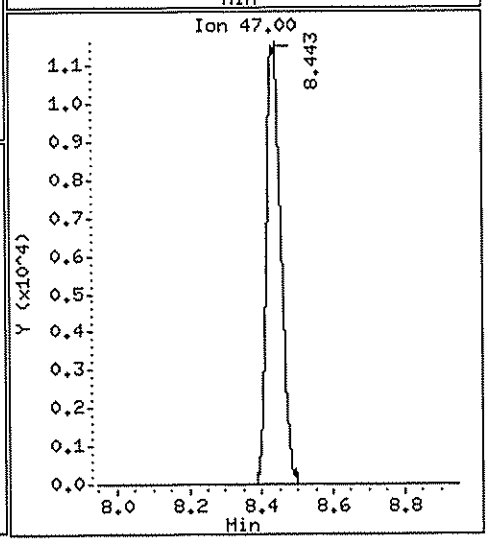


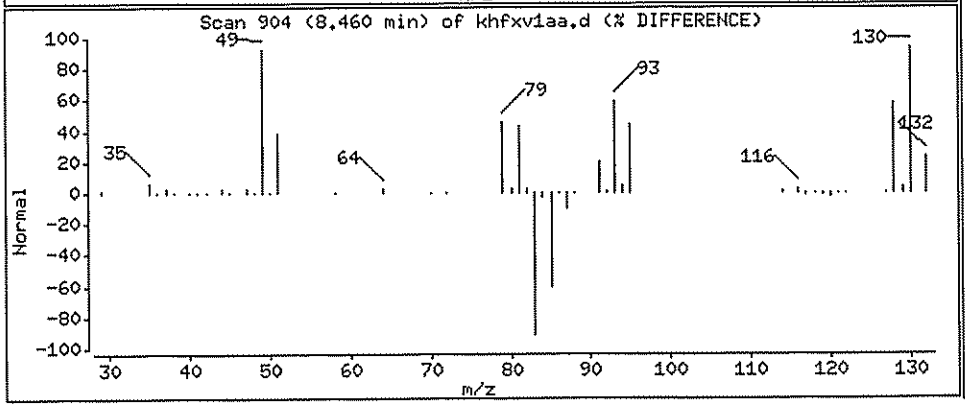












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

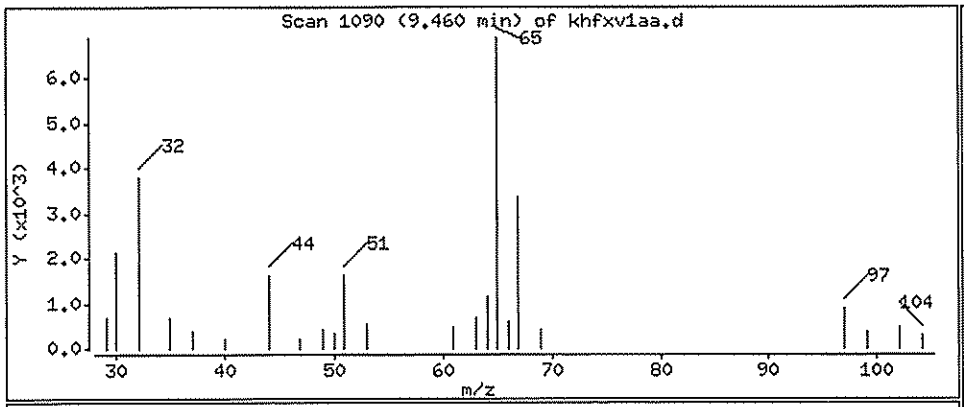
Operator: 7126

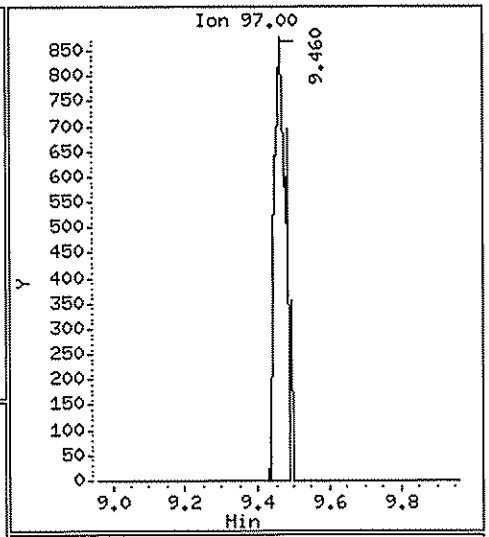
Column phase: HP-5

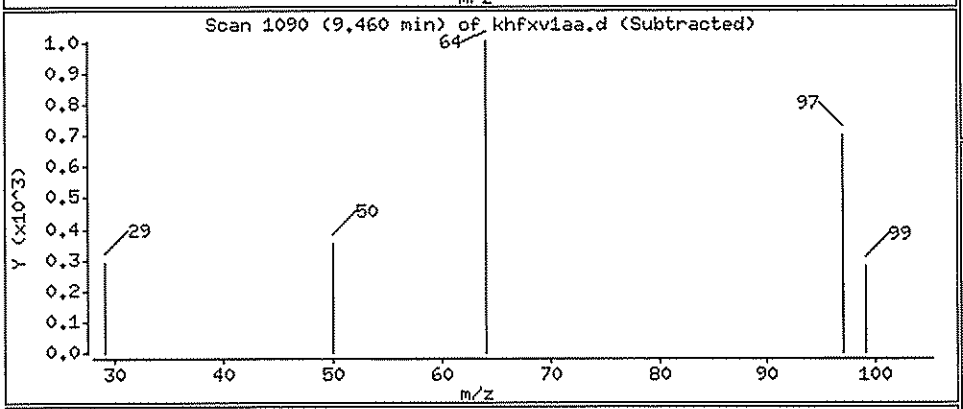
Column diameter: 0.32

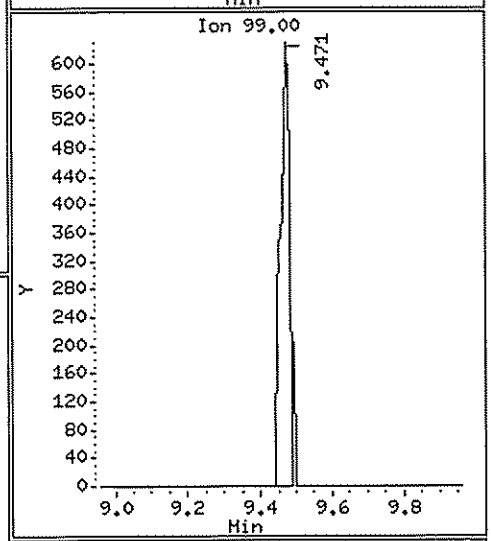
44 1,1,1-Trichloroethane

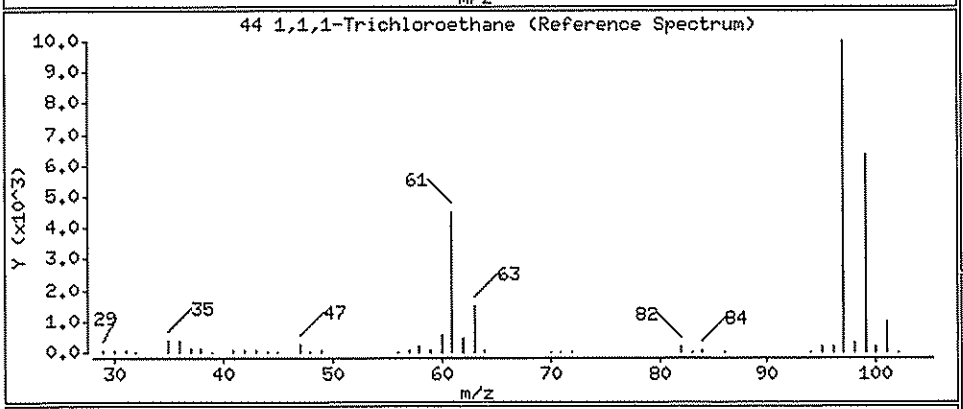
Concentration: 0.01964 ppb(v/v)

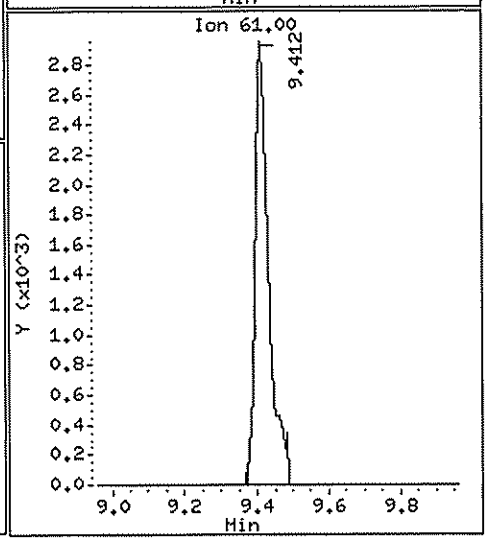


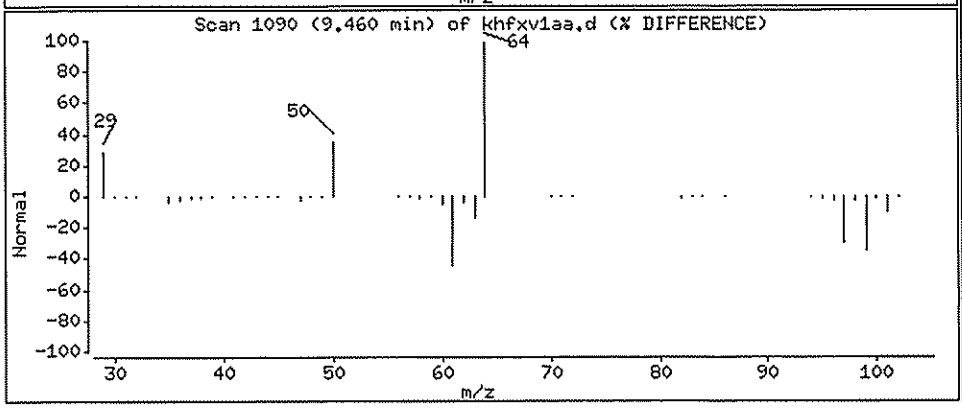












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

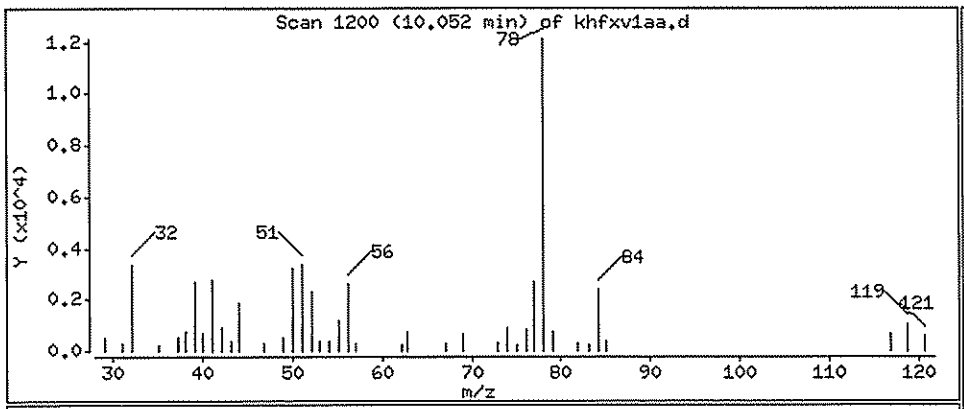
Operator: 7126

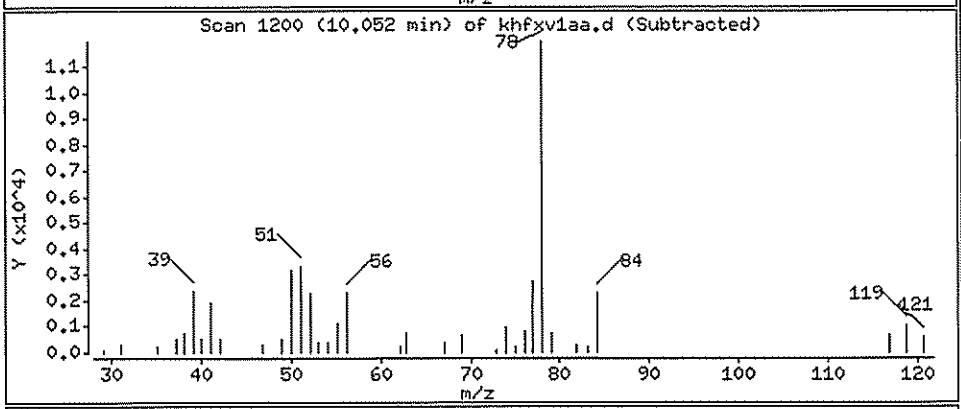
Column phase: HP-5

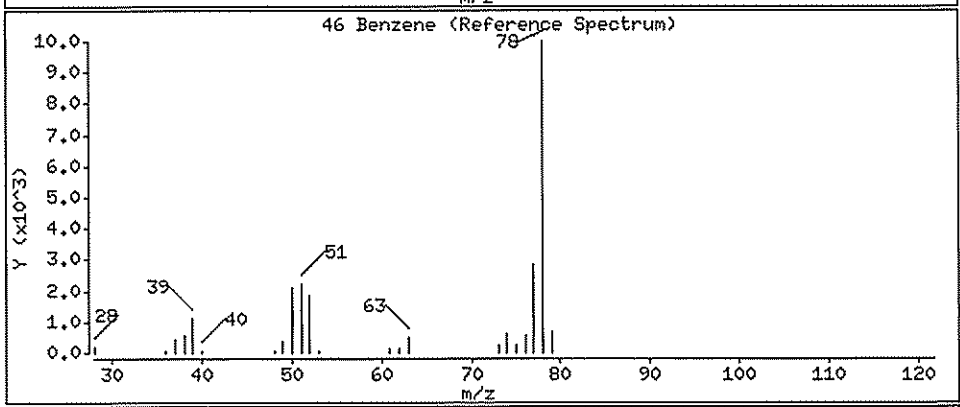
Column diameter: 0.32

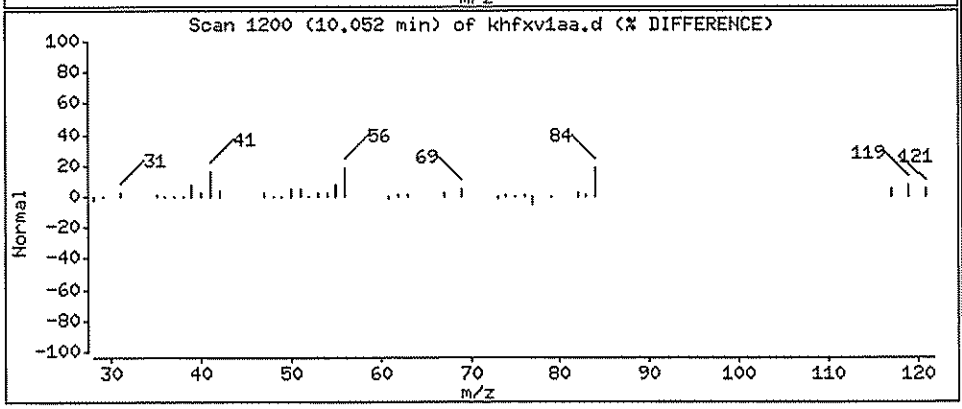
46 Benzene

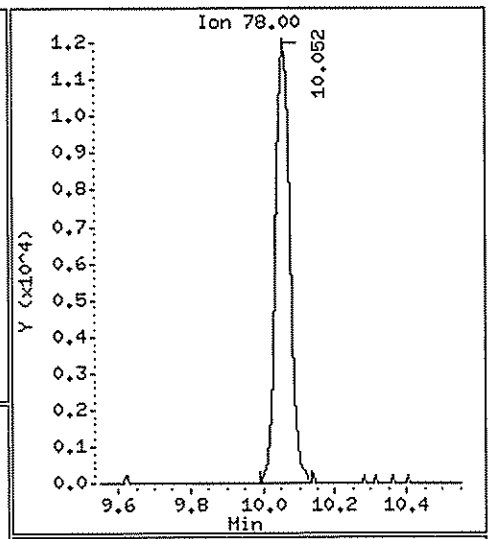
Concentration: 0.4921 ppb(v/v)

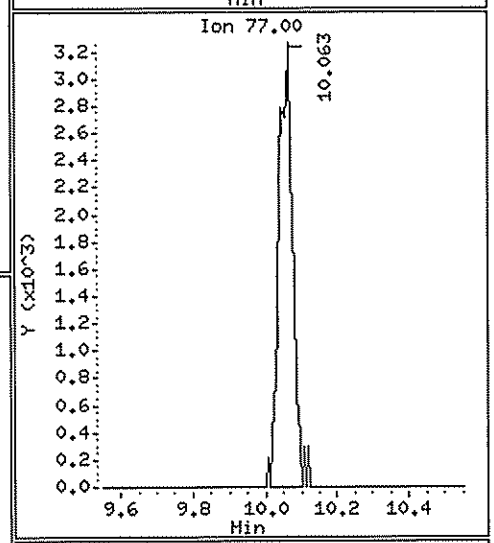


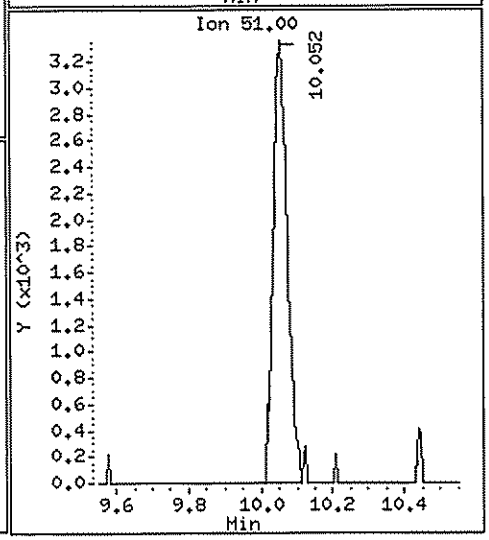












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

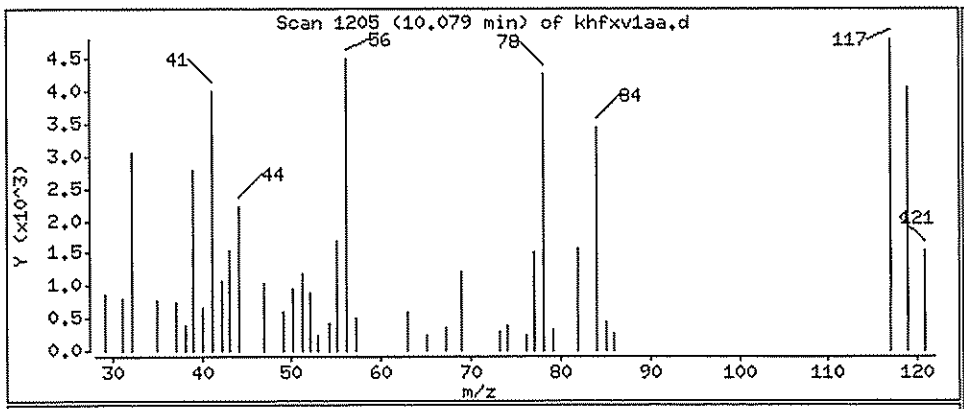
Operator: 7126

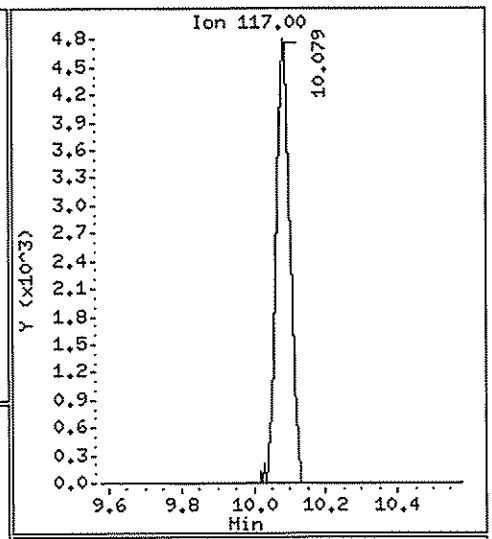
Column phase: HP-5

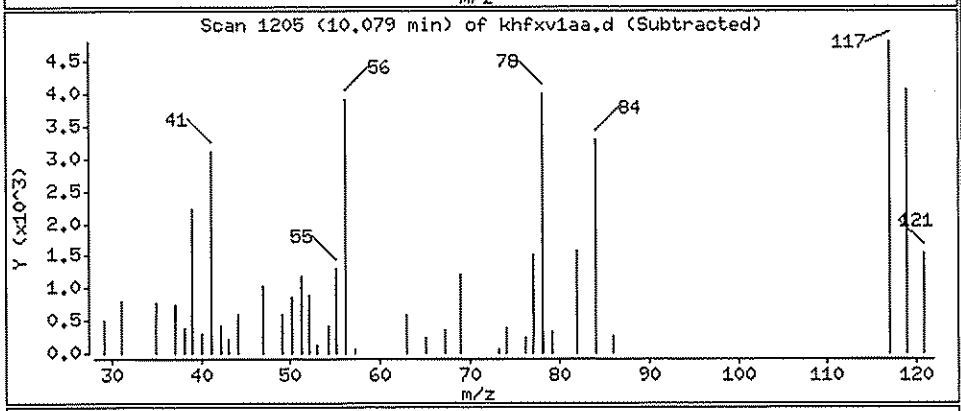
Column diameter: 0.32

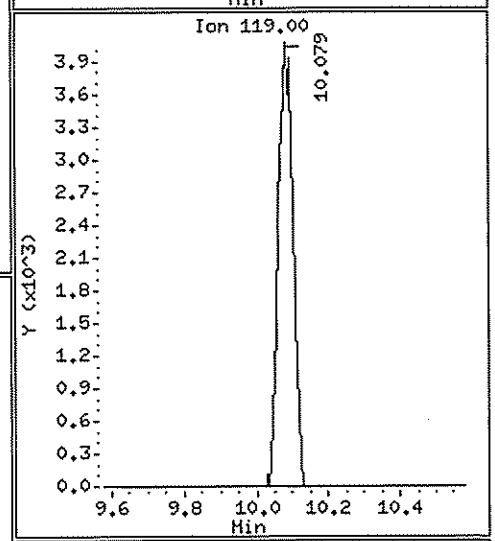
49 Carbon Tetrachloride

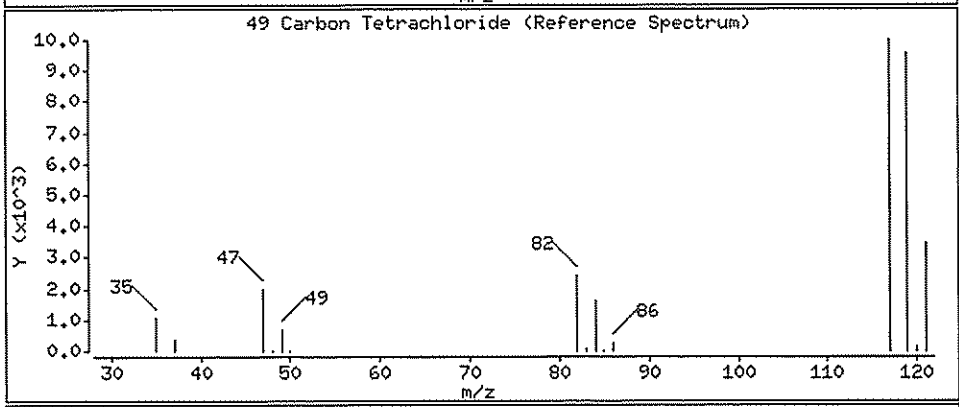
Concentration: 0.1056 ppb(v/v)

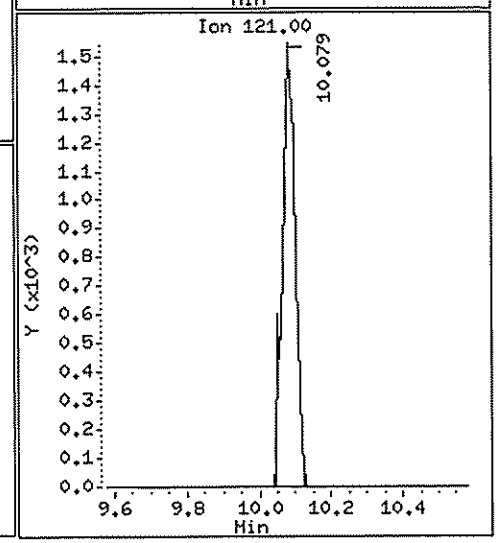


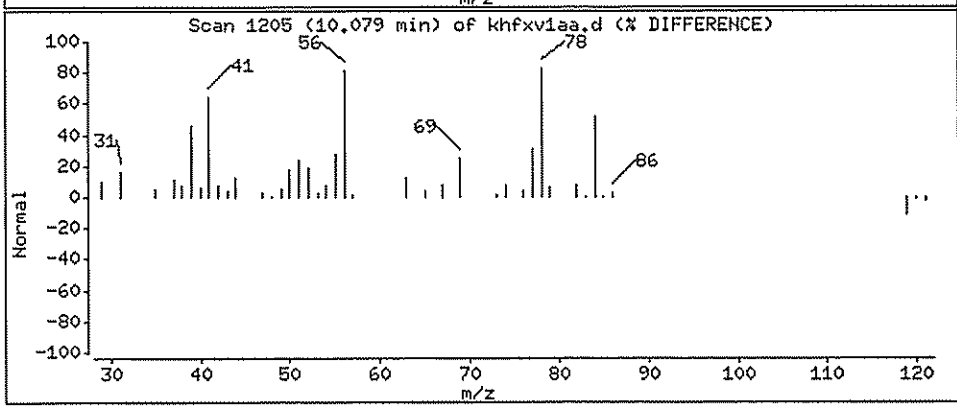












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

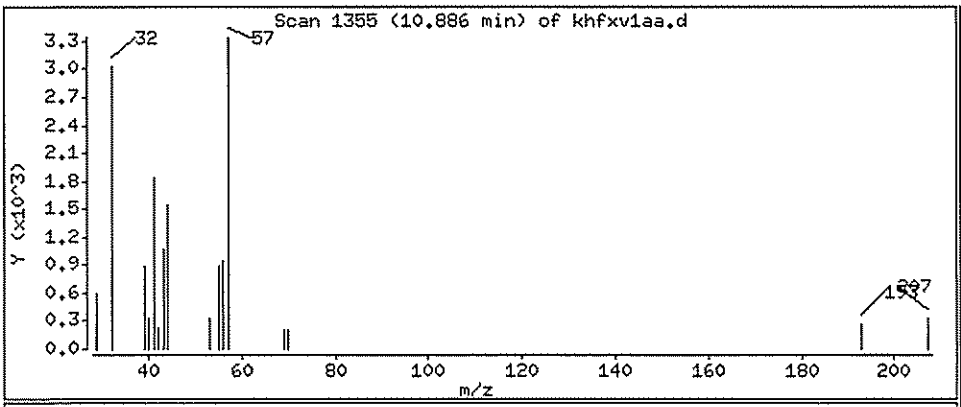
Operator: 7126

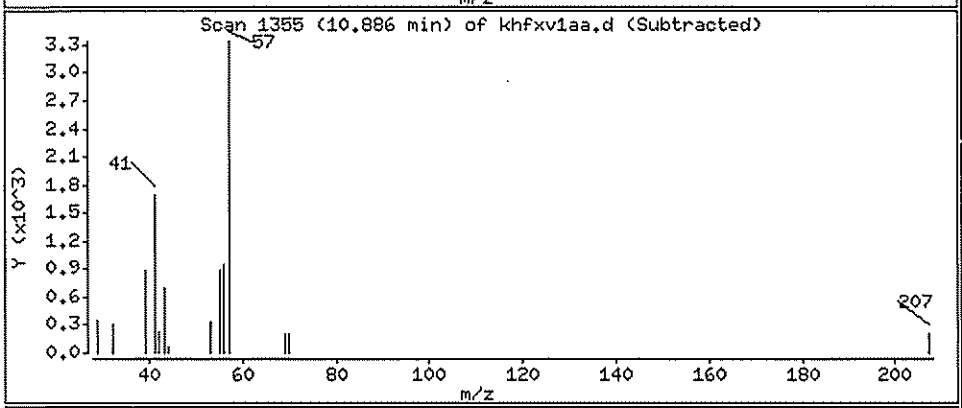
Column phase: HP-5

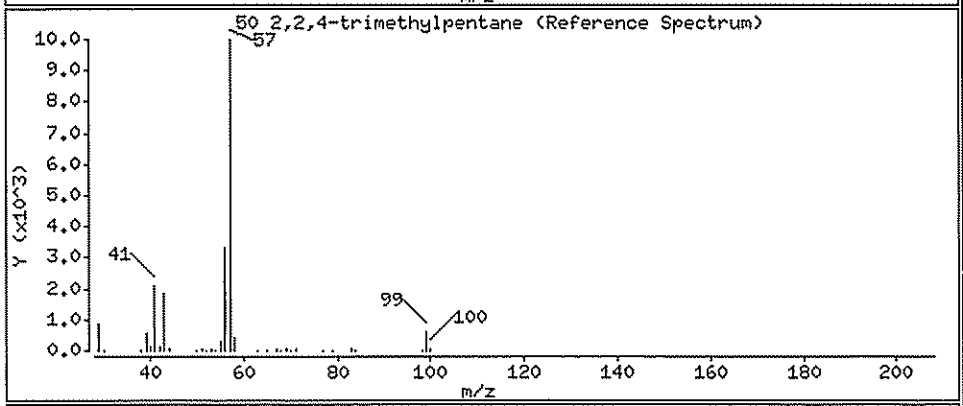
Column diameter: 0.32

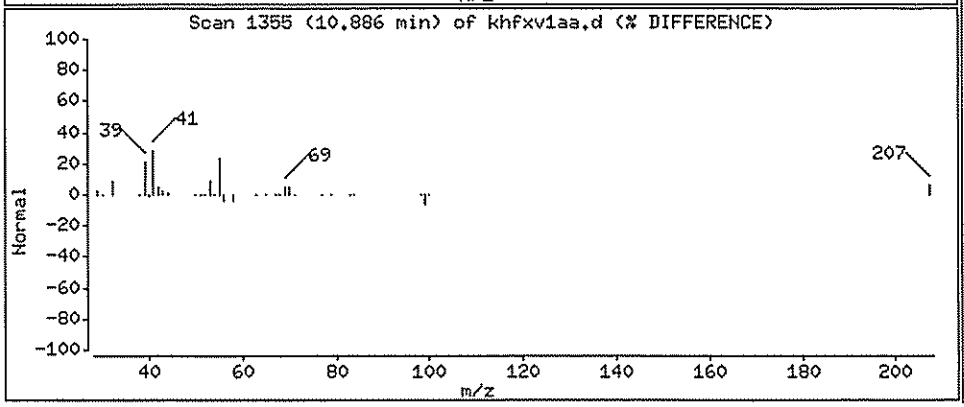
50 2,2,4-trimethylpentane

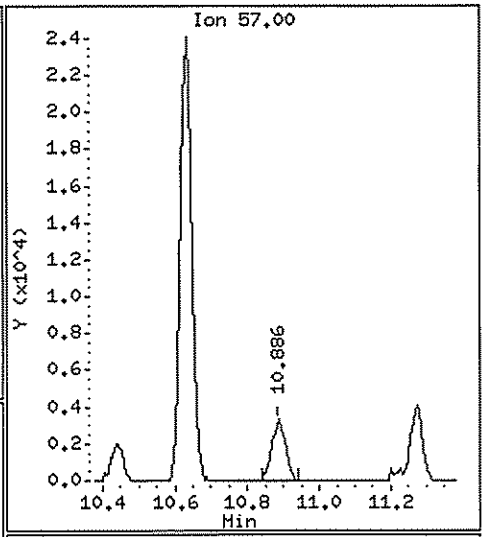
Concentration: 0.07450 ppb(v/v)

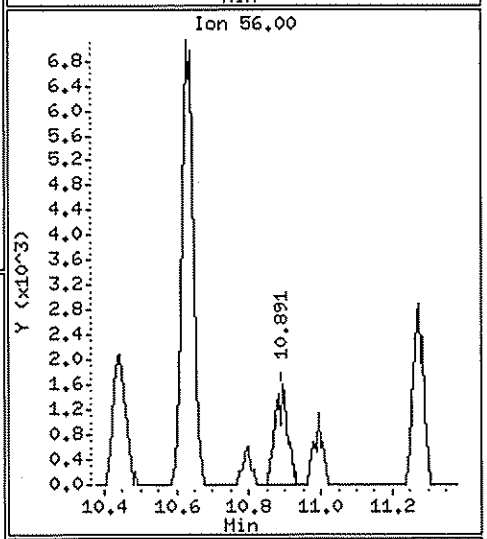


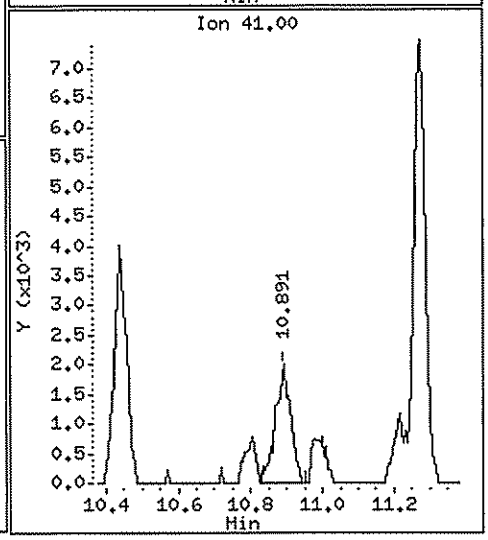












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

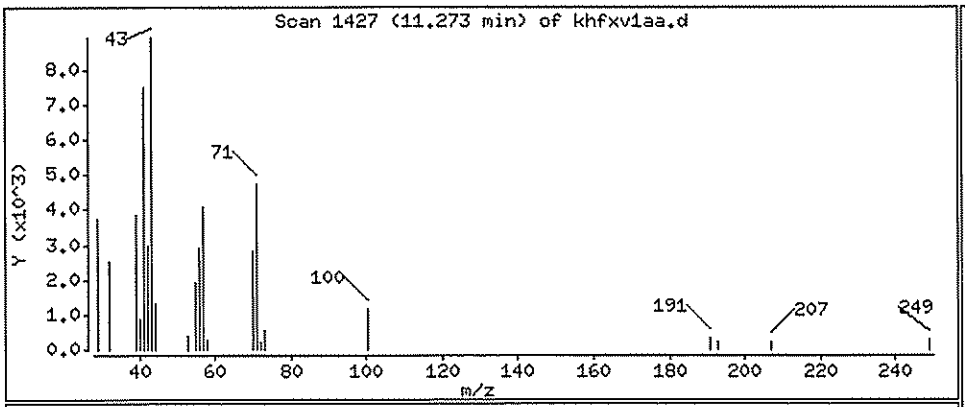
Operator: 7126

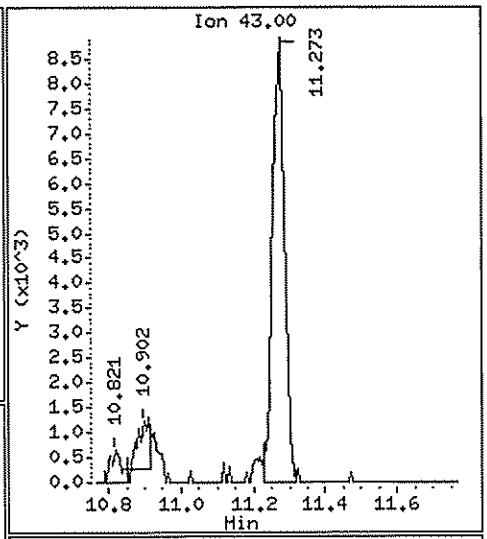
Column phase: HP-5

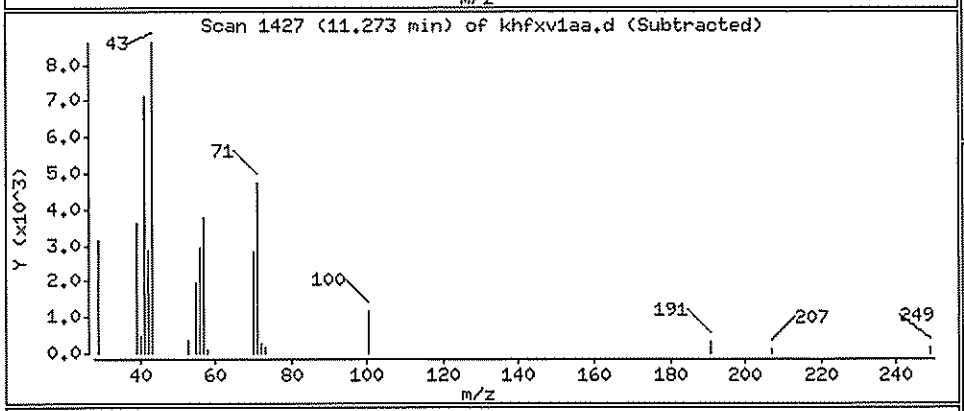
Column diameter: 0.32

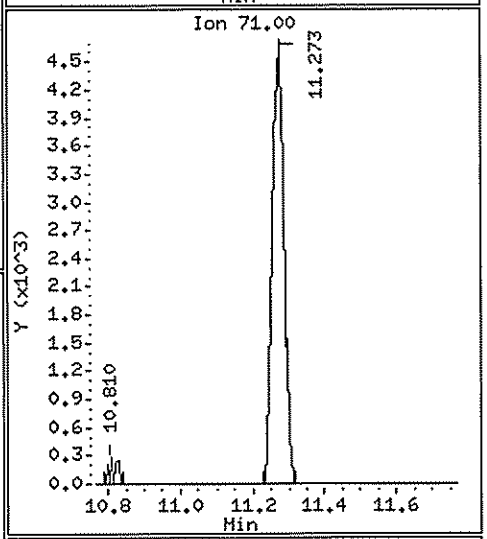
51 Heptane

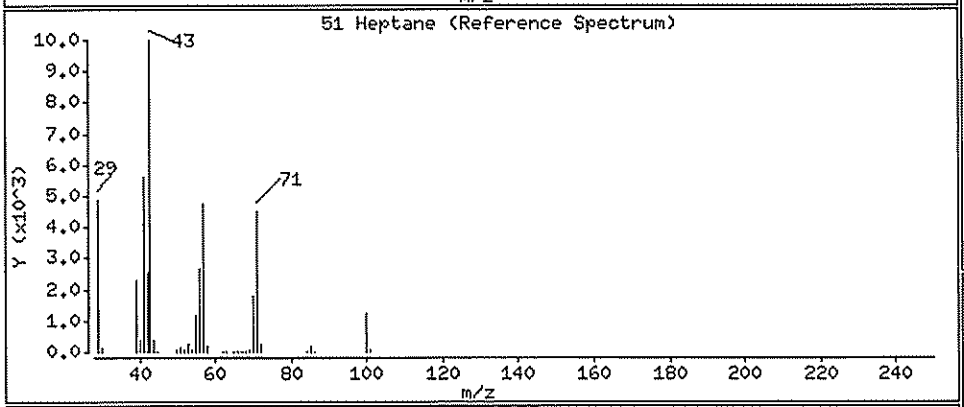
Concentration: 0.4614 ppb(v/v)

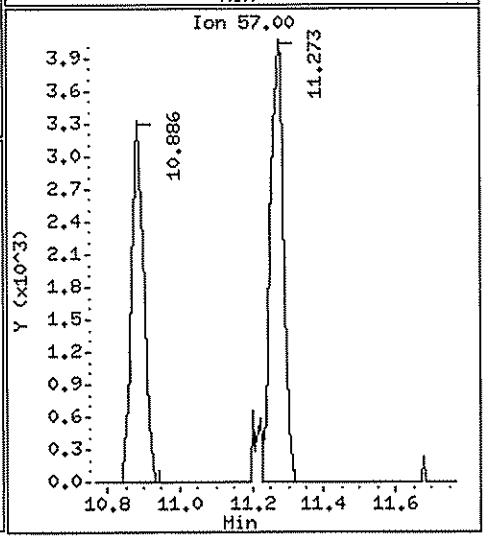


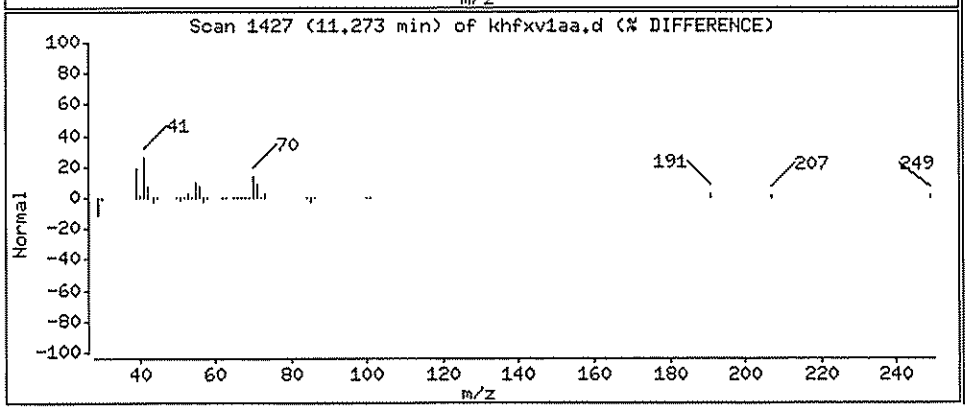












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

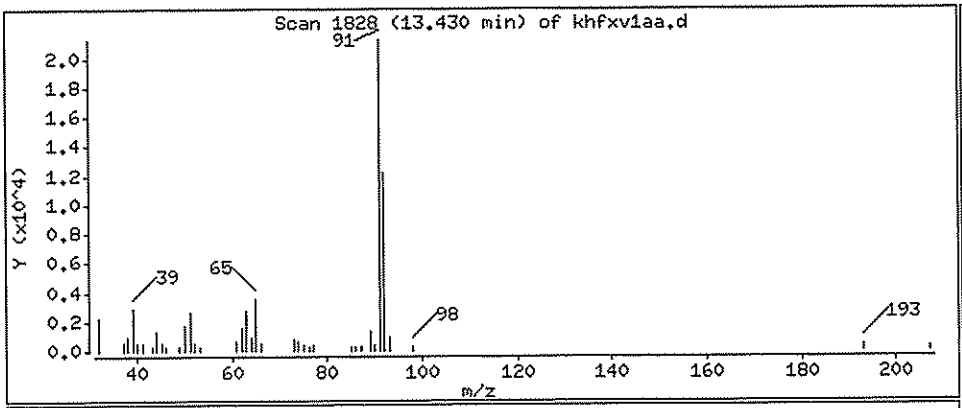
Operator: 7126

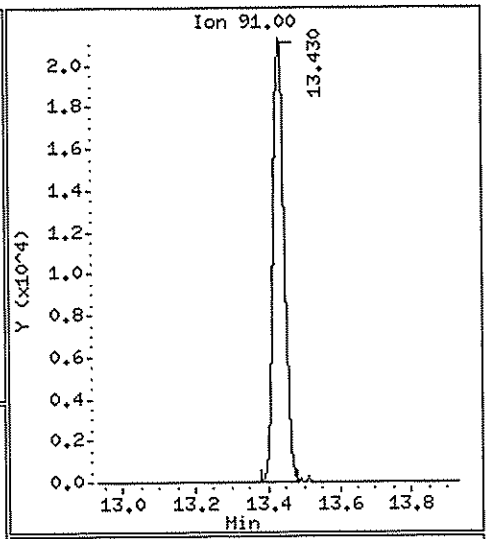
Column phase: HP-5

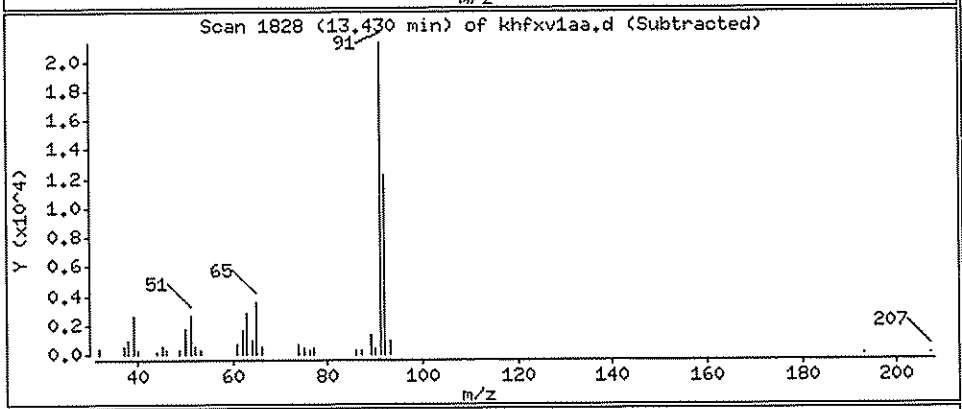
Column diameter: 0.32

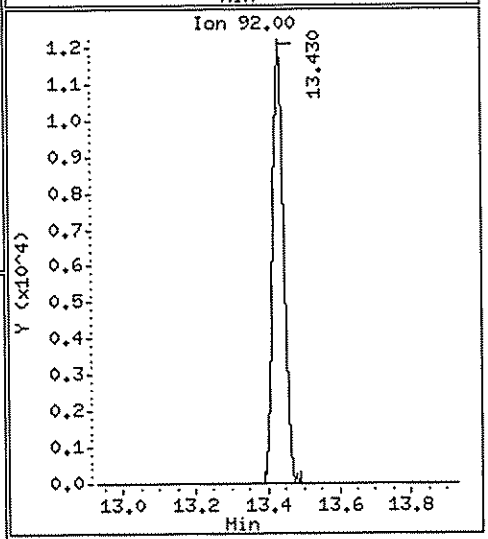
61 Toluene

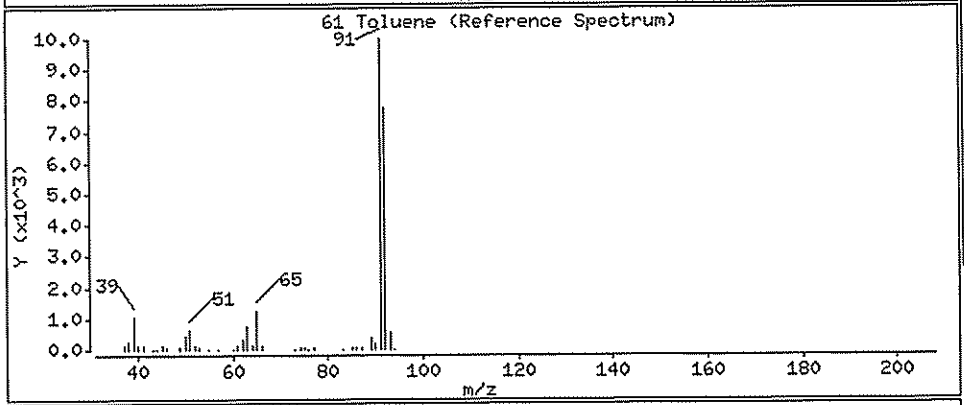
Concentration: 0.5528 ppb(v/v)

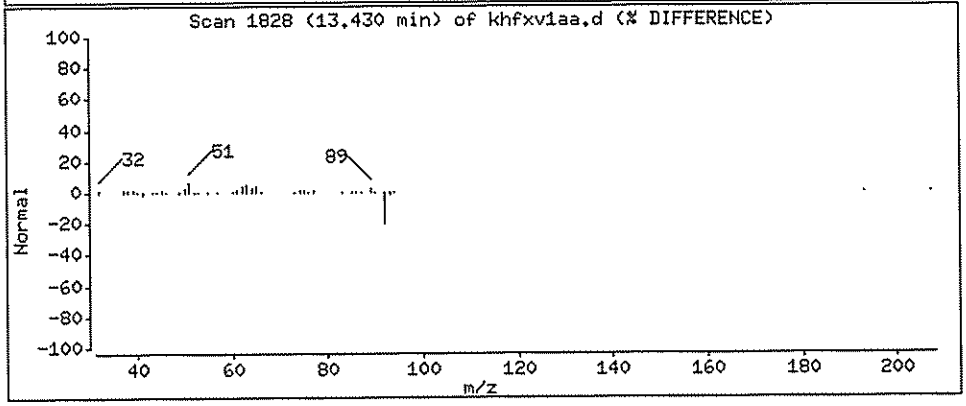












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

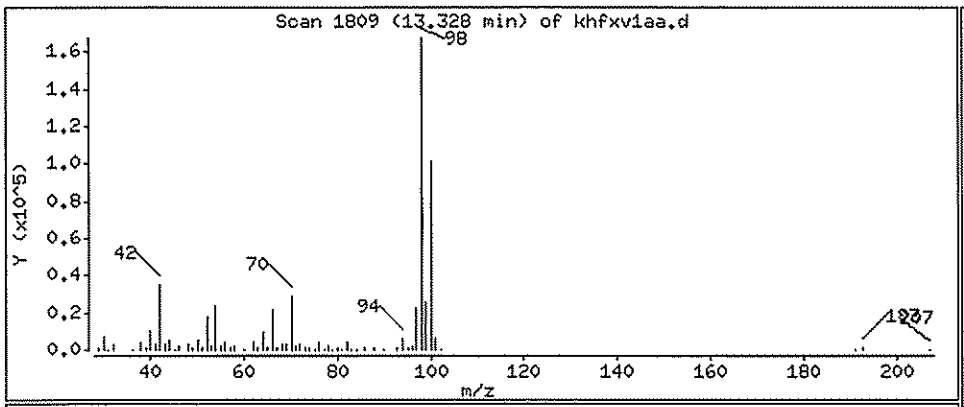
Operator: 7126

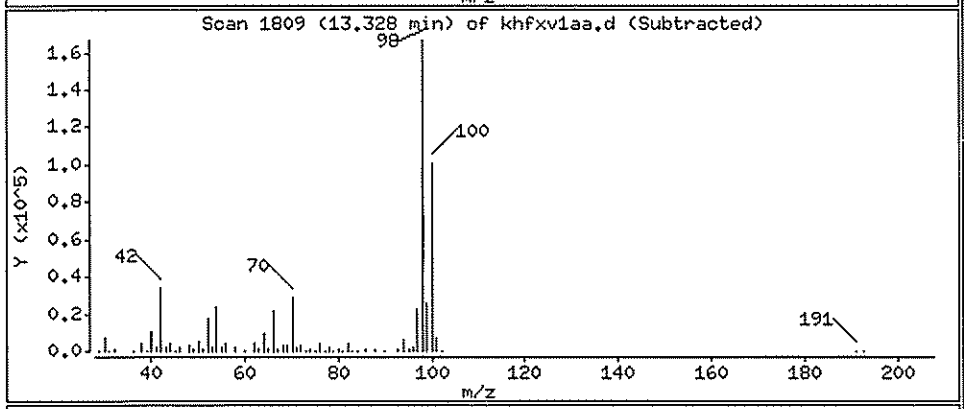
Column phase: HP-5

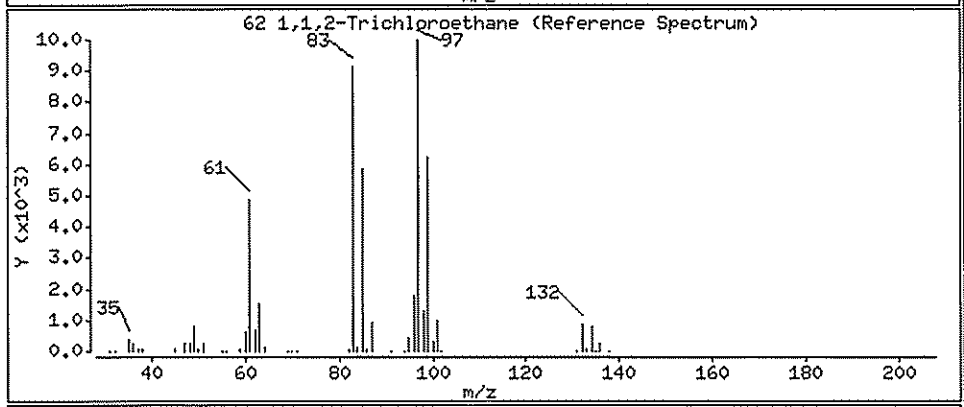
Column diameter: 0.32

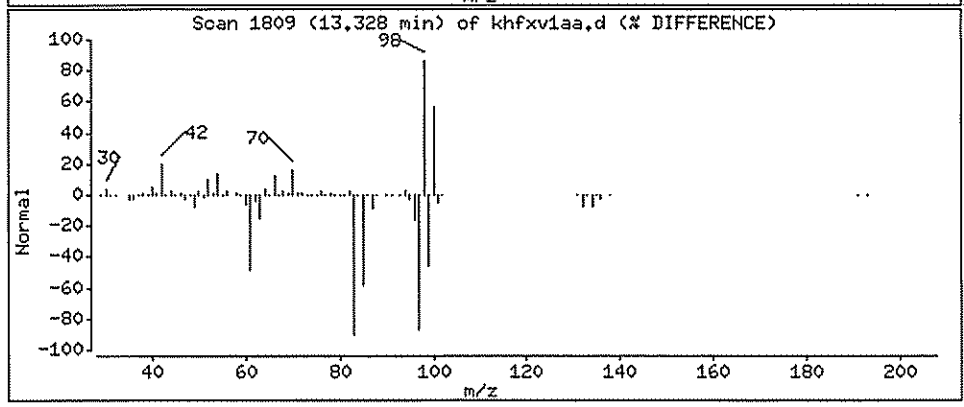
62 1,1,2-Trichloroethane

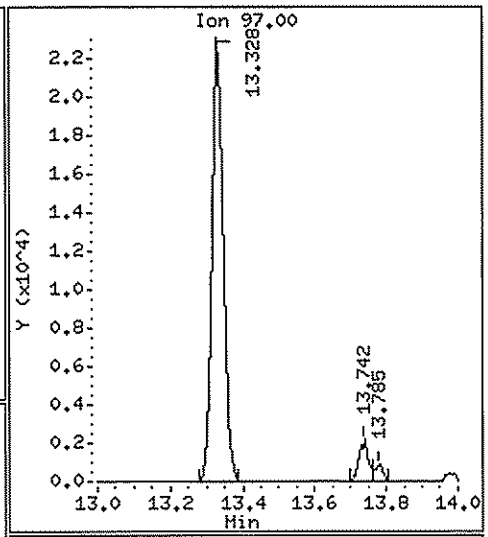
Concentration: 2.220 ppb(v/v)

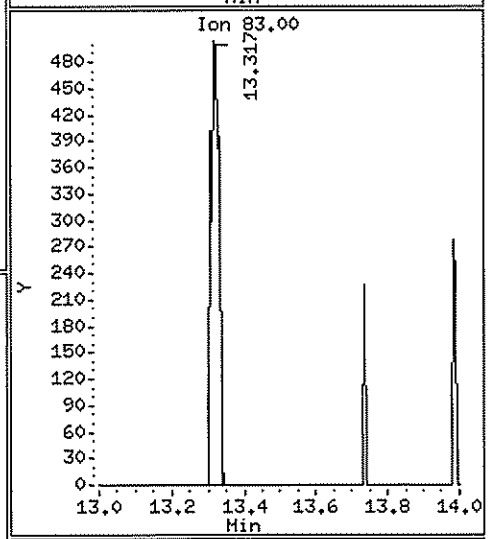


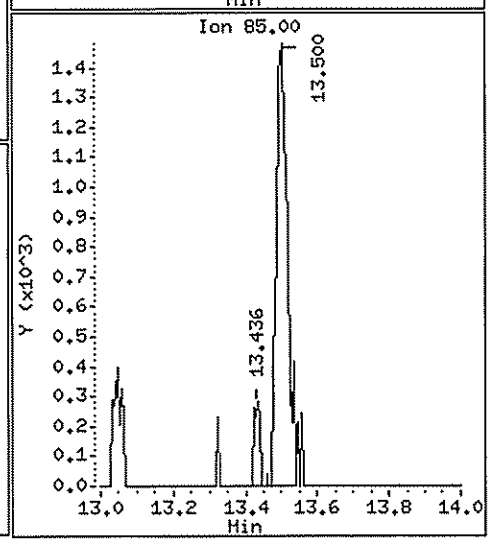












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

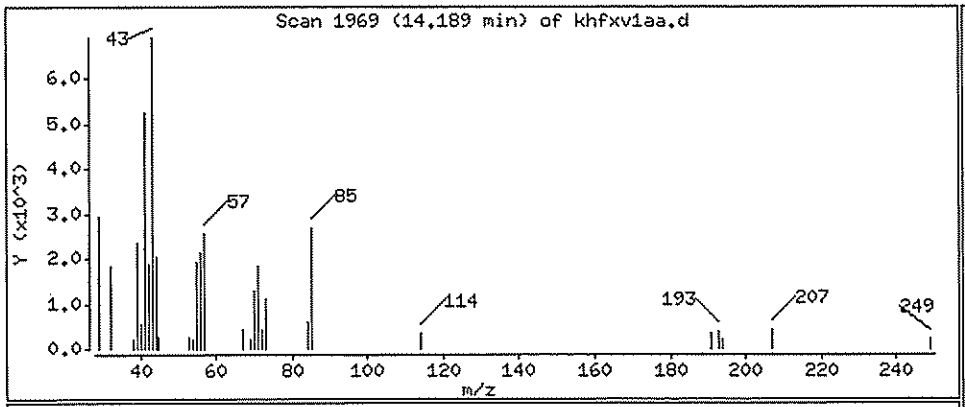
Operator: 7126

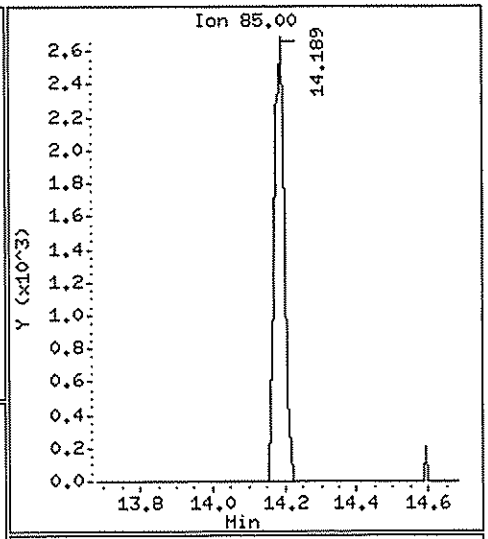
Column phase: HP-5

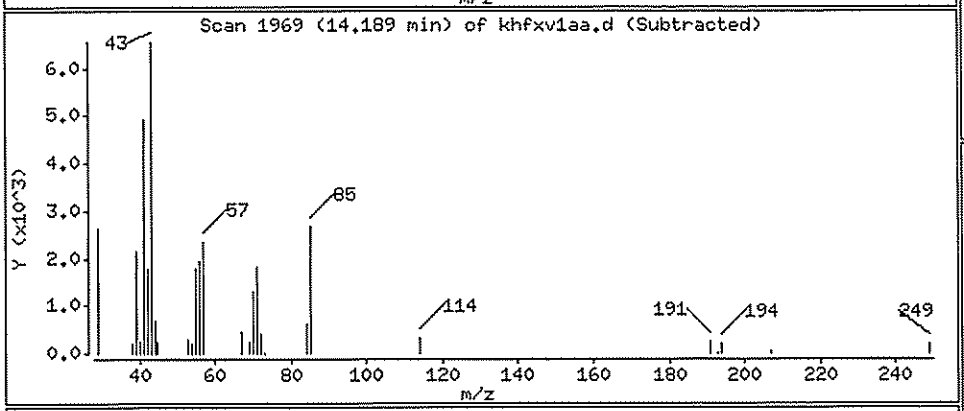
Column diameter: 0.32

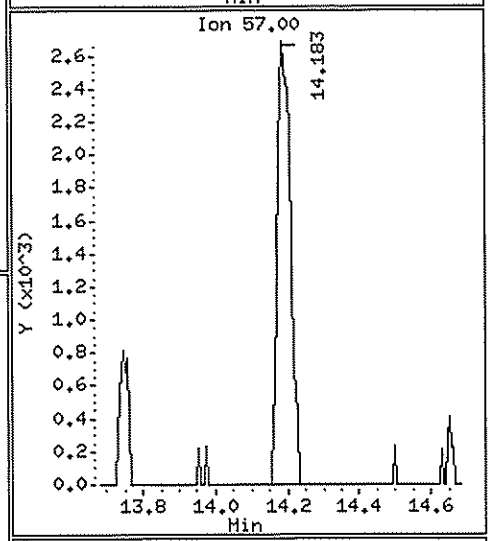
64 Octane

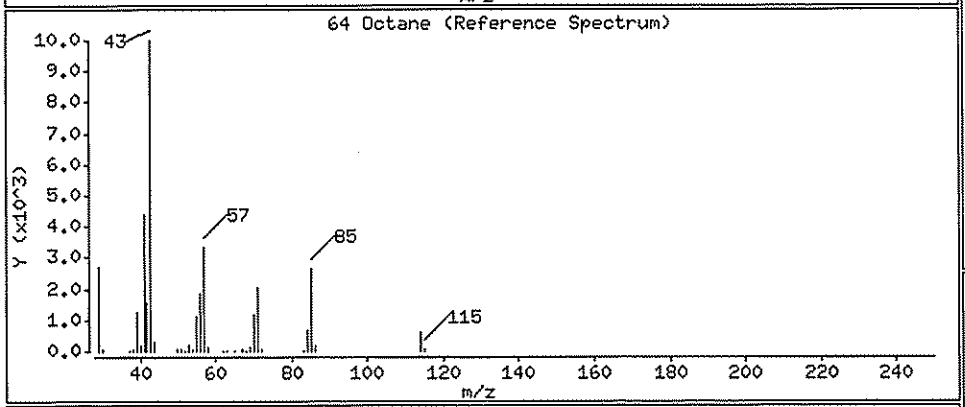
Concentration: 0.2057 ppb(v/v)

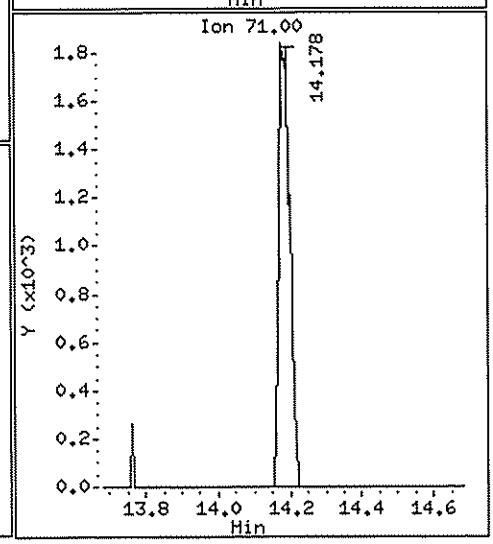


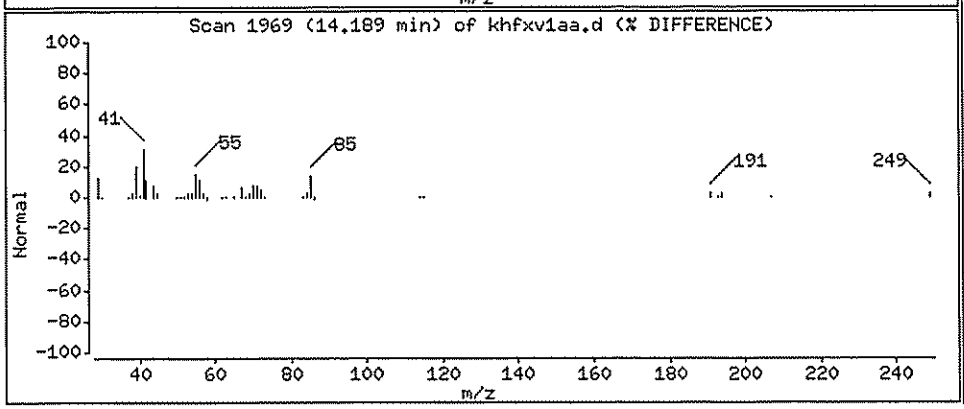












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

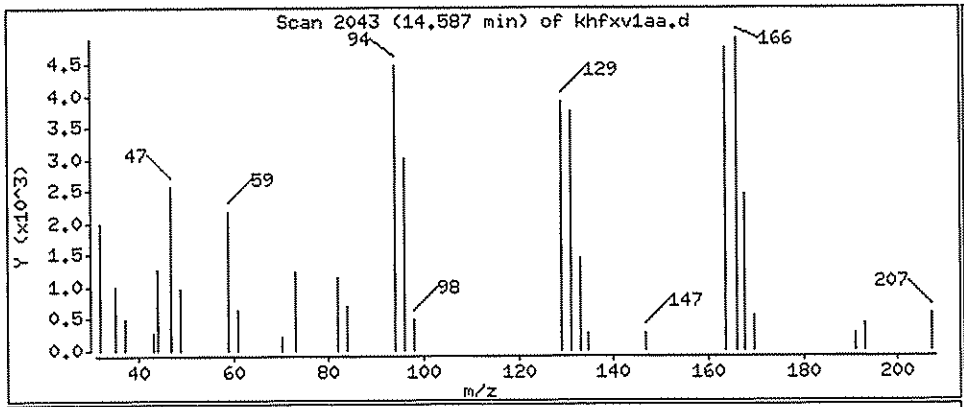
Operator: 7126

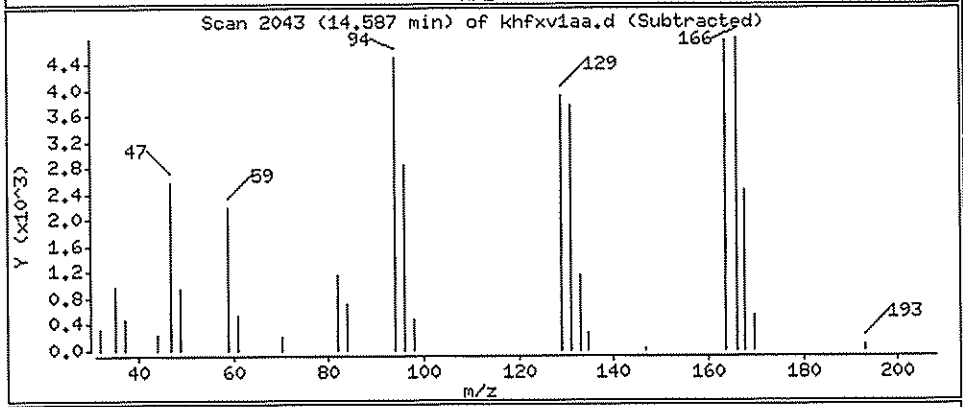
Column phase: HP-5

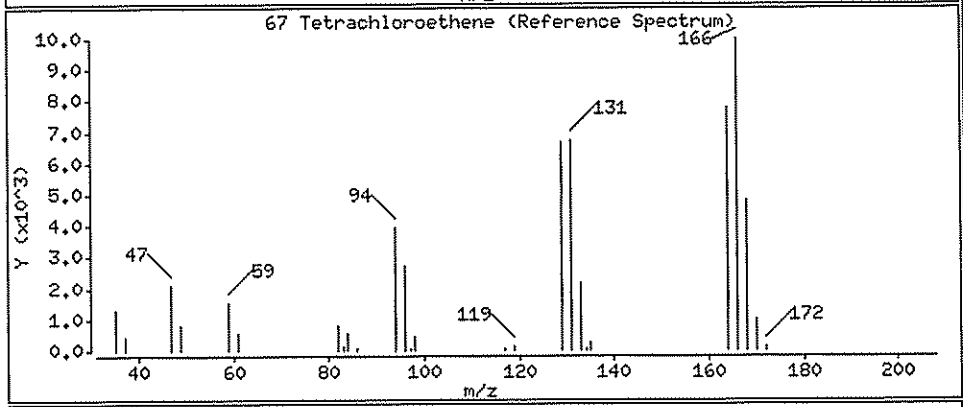
Column diameter: 0.32

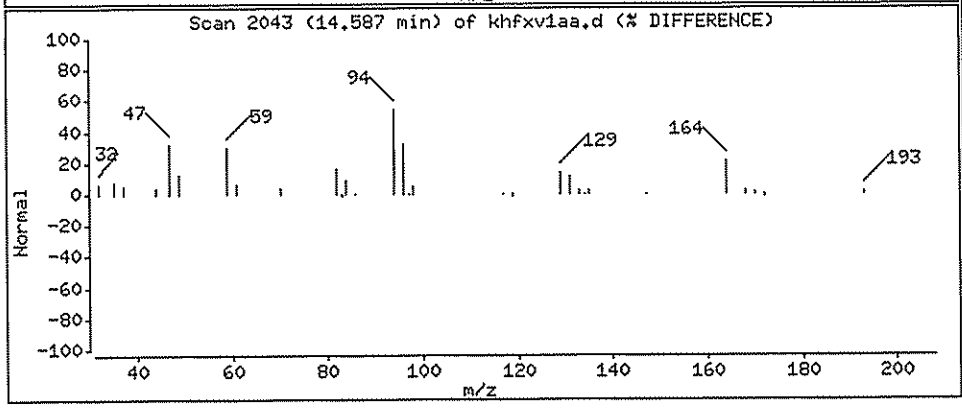
67 Tetrachloroethene

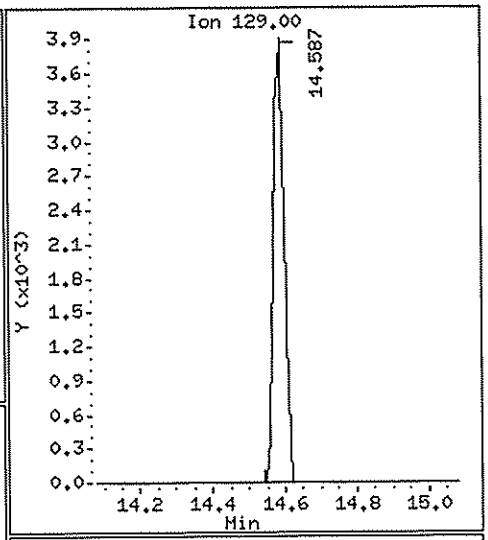
Concentration: 0.2403 ppb(v/v)

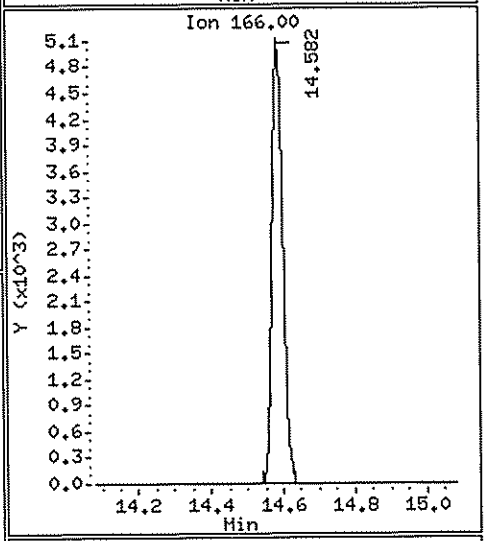


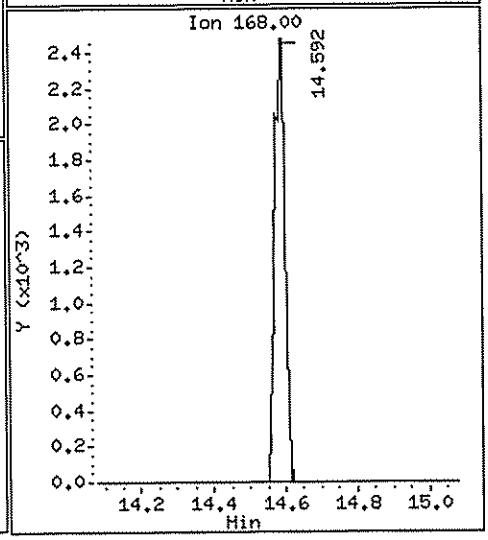












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

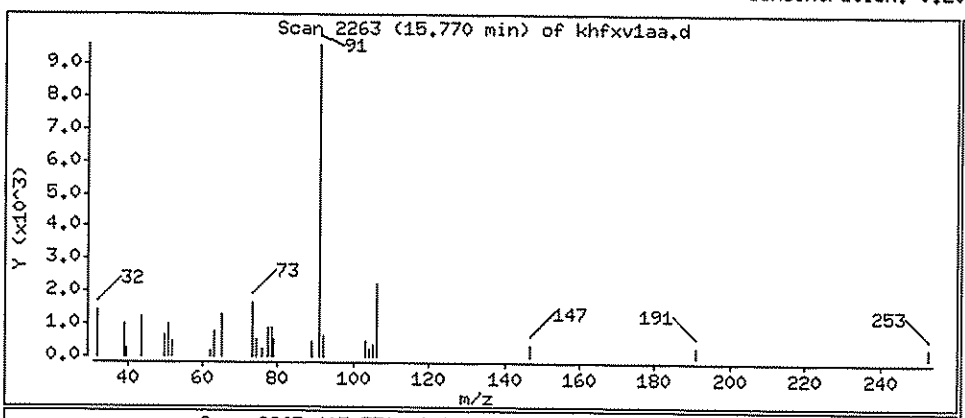
Operator: 7126

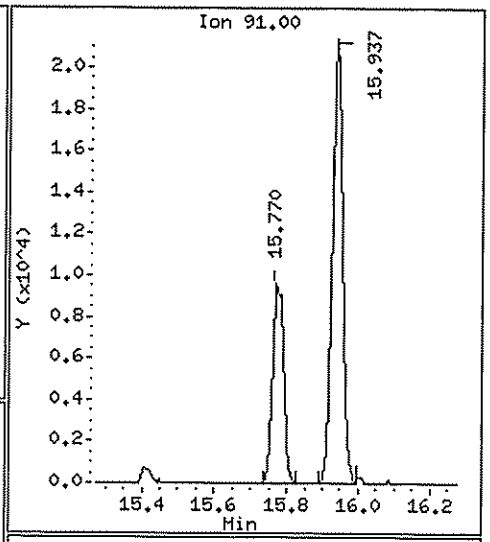
Column phase: HP-5

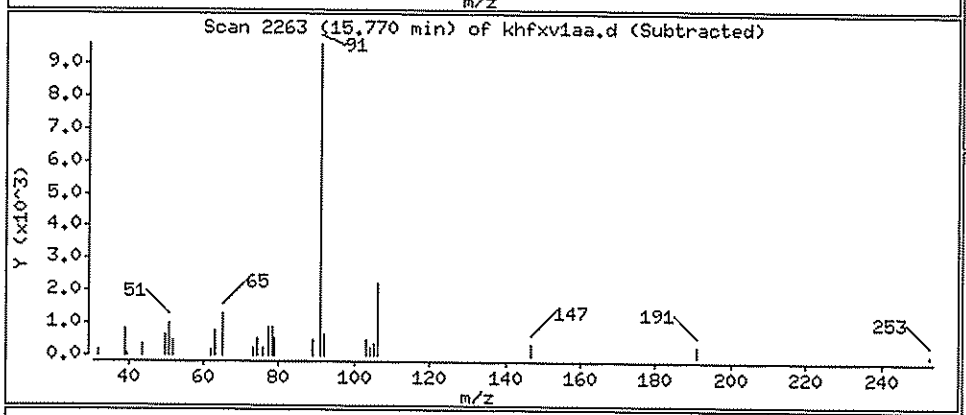
Column diameter: 0.32

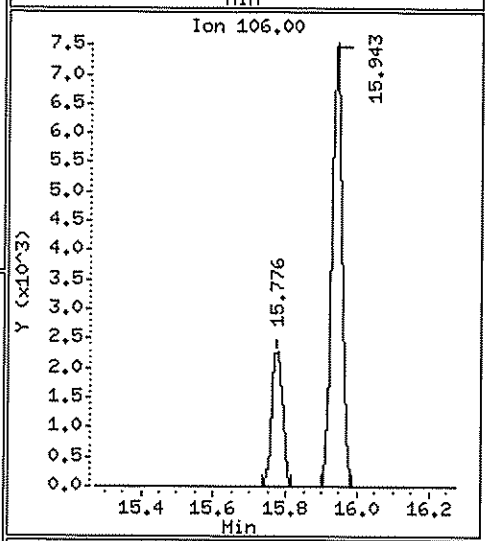
69 Ethylbenzene

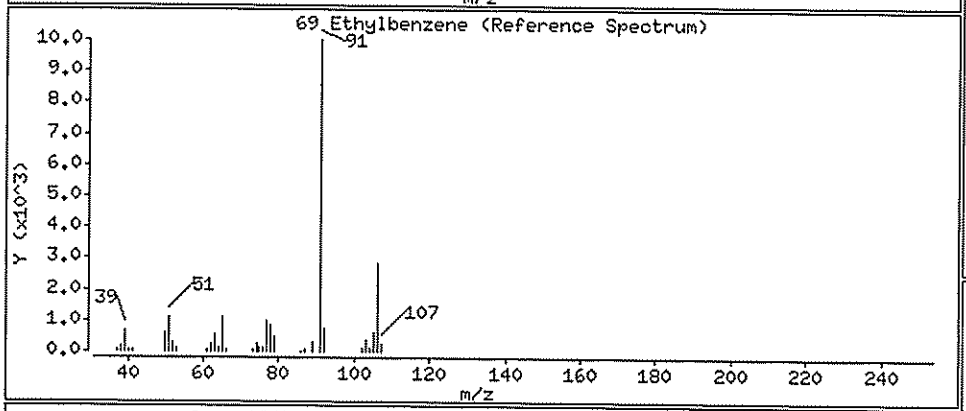
Concentration: 0.2006 ppb(v/v)

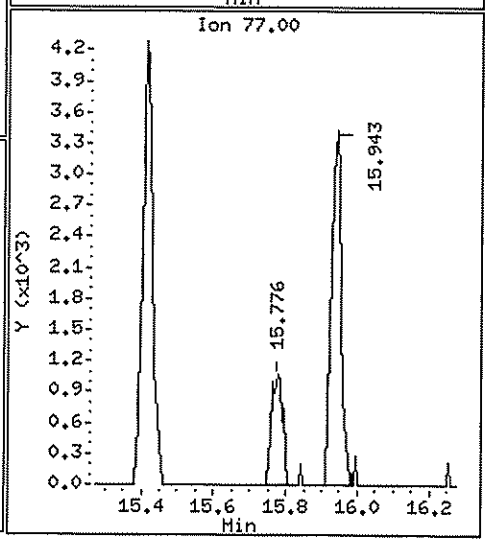


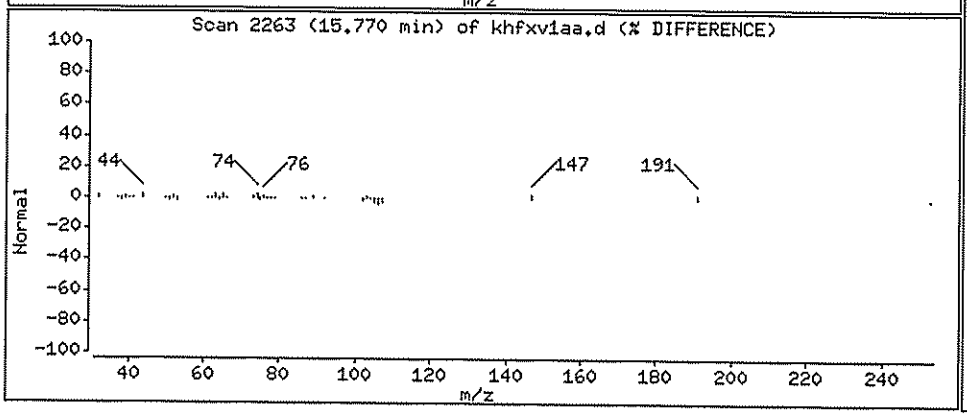












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

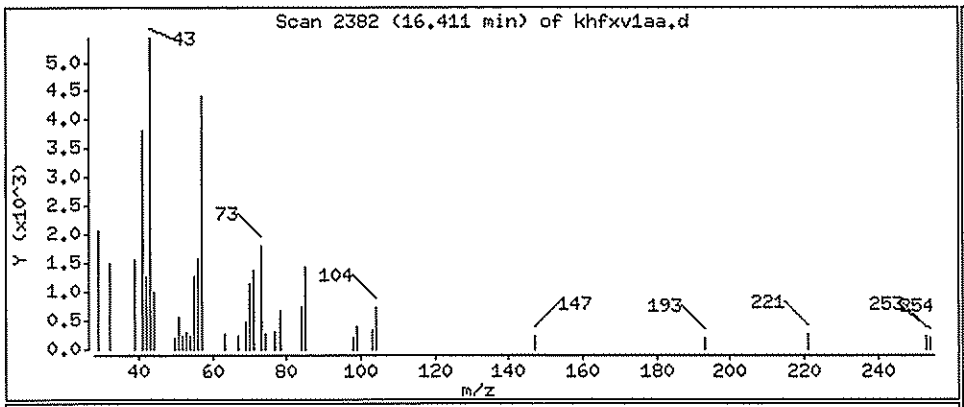
Operator: 7126

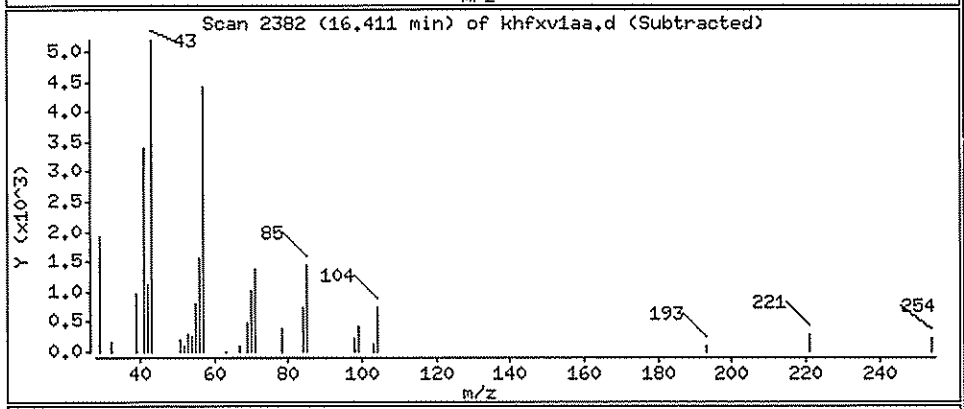
Column phase: HP-5

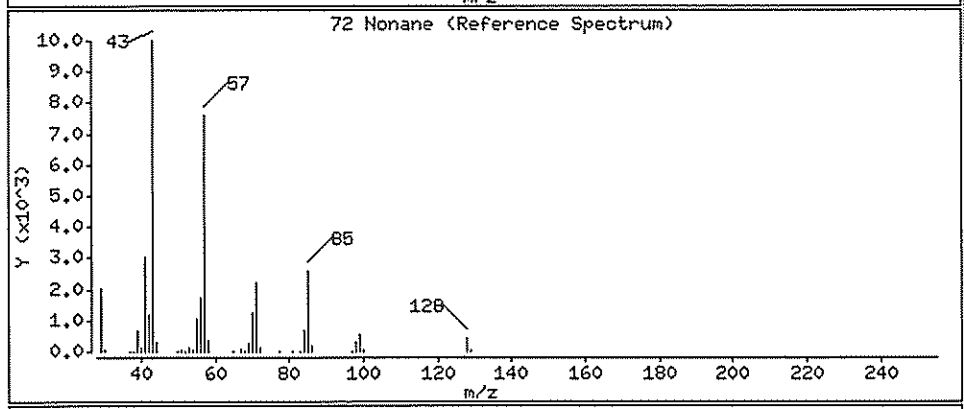
Column diameter: 0.32

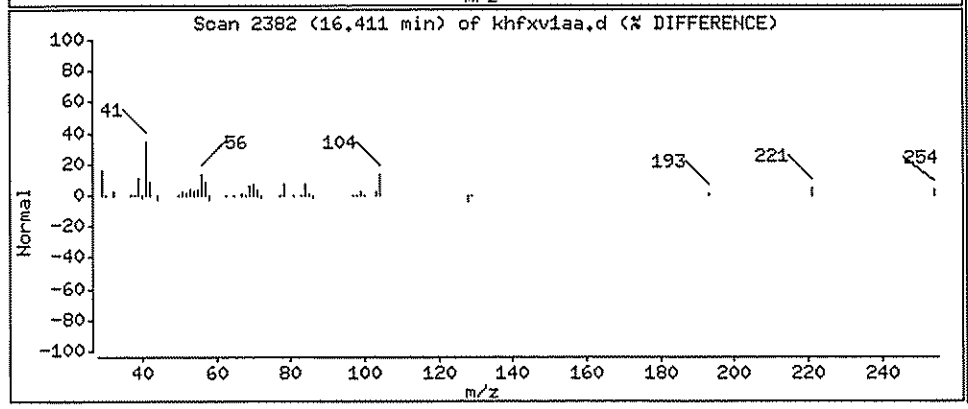
72 Nonane

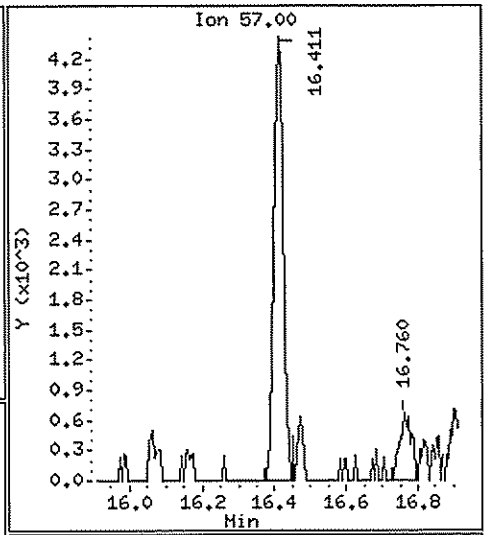
Concentration: 0.1731 ppb(v/v)

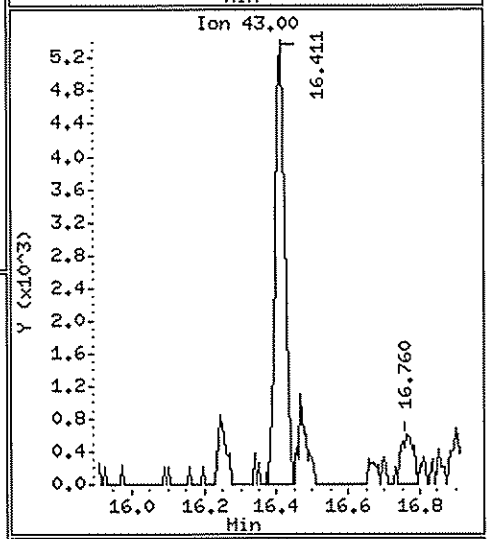


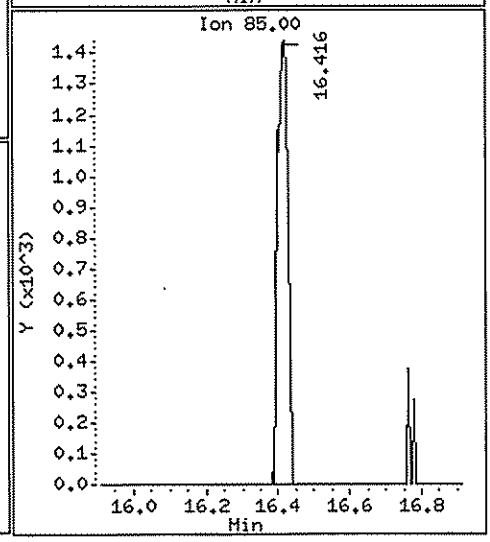












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

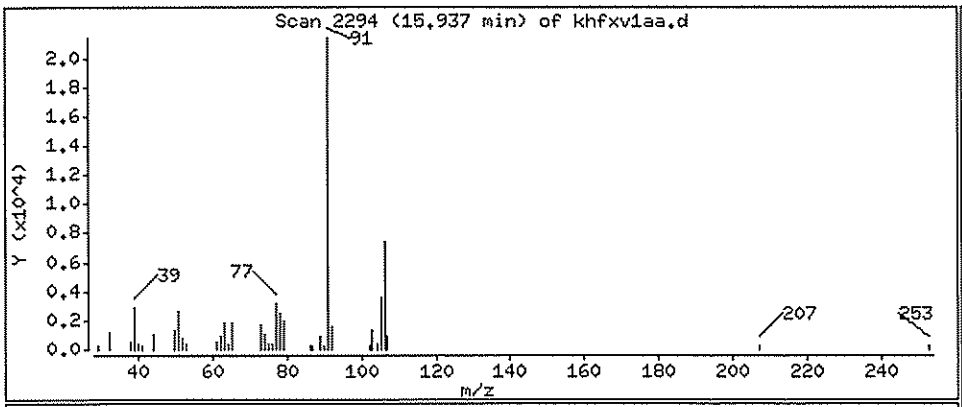
Operator: 7126

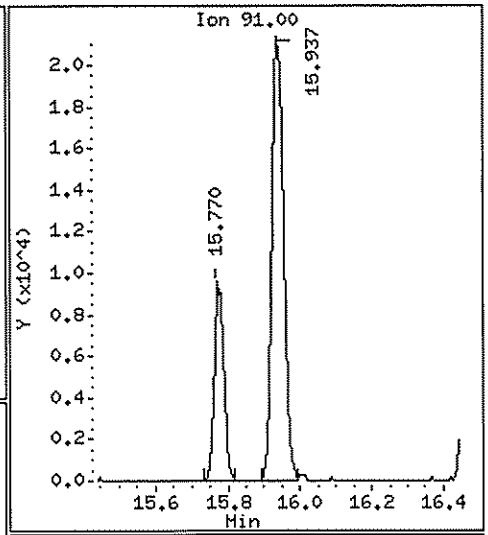
Column phase: HP-5

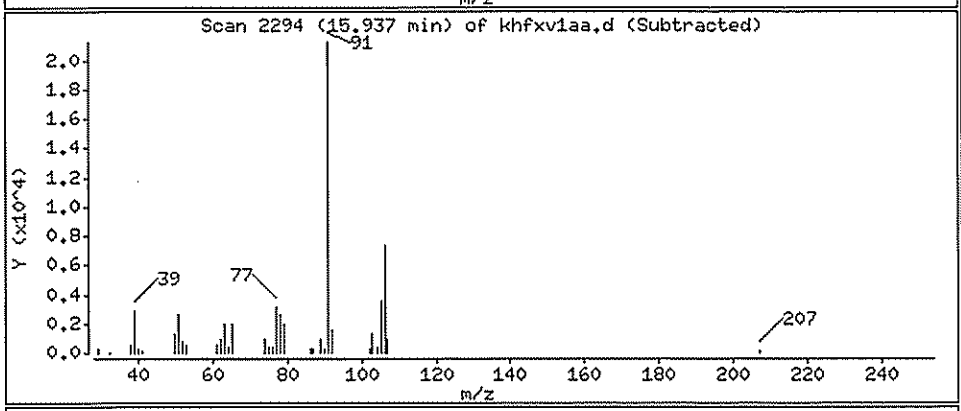
Column diameter: 0.32

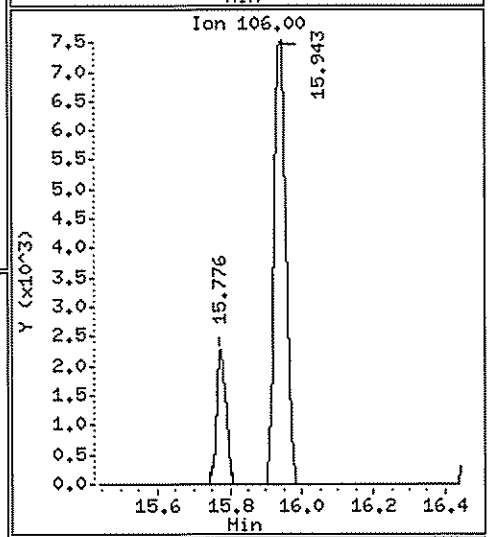
70 m&p-Xylene

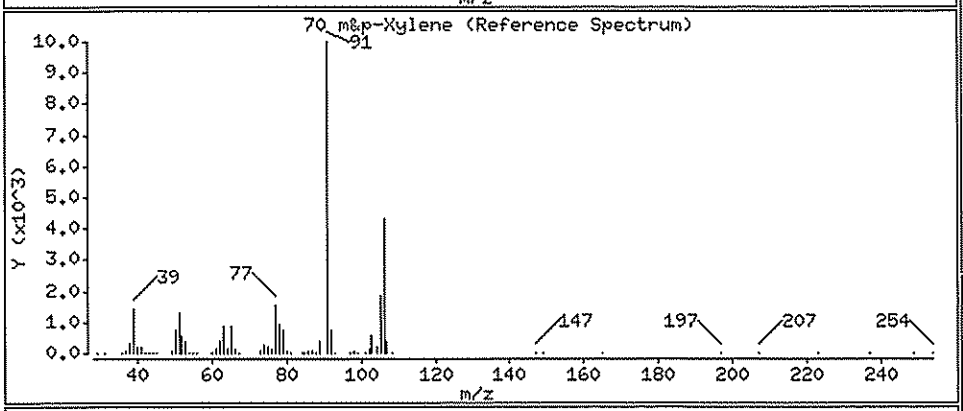
Concentration: 0.5690 ppb(v/v)

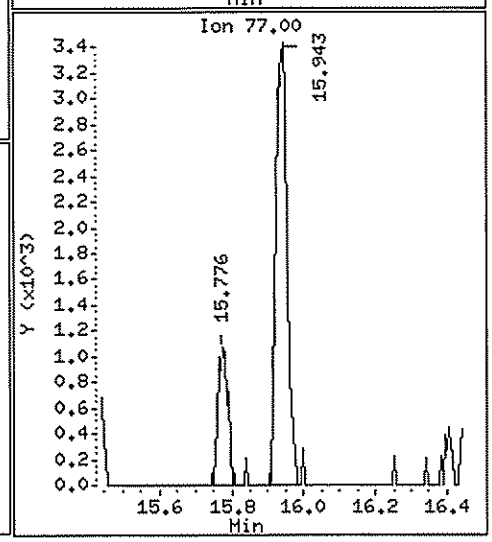


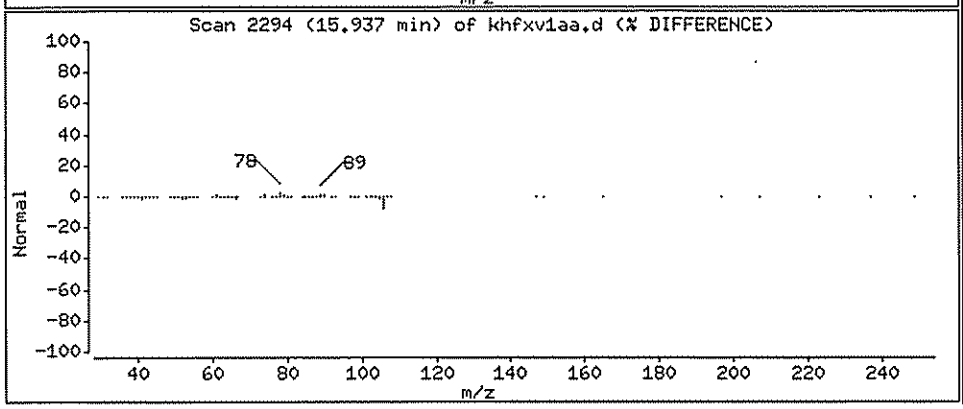












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

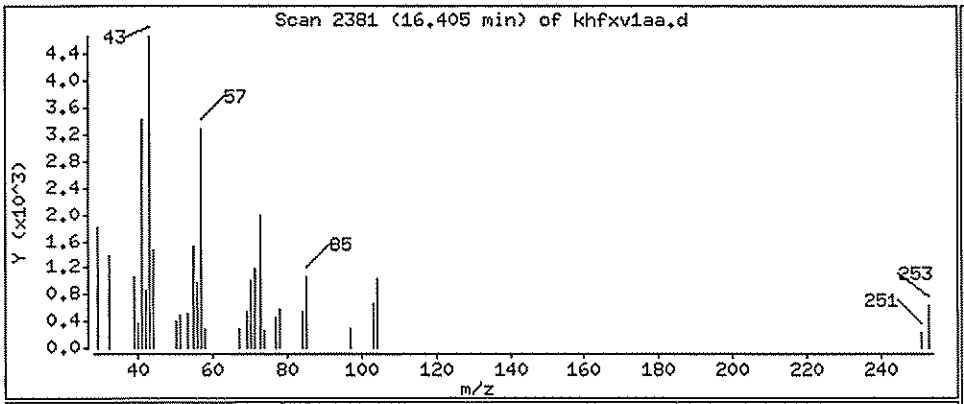
Operator: 7126

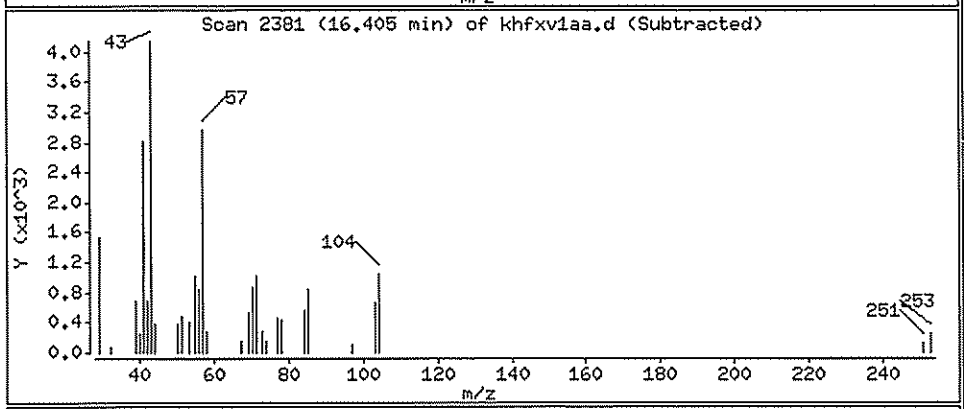
Column phase: HP-5

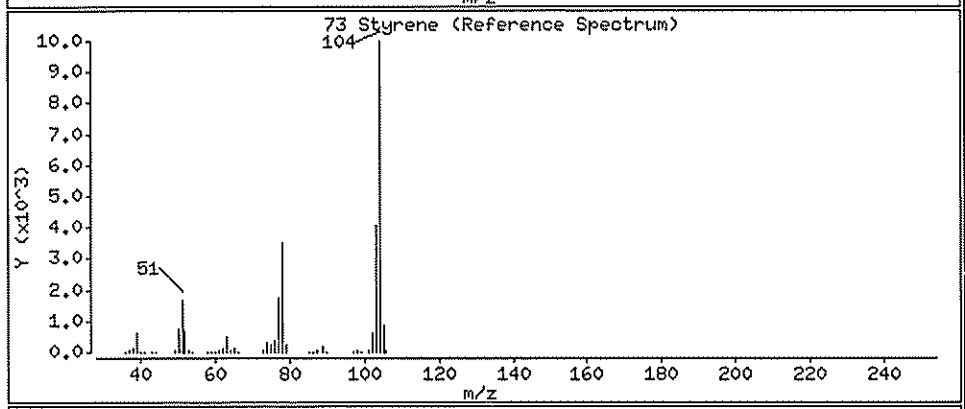
Column diameter: 0.32

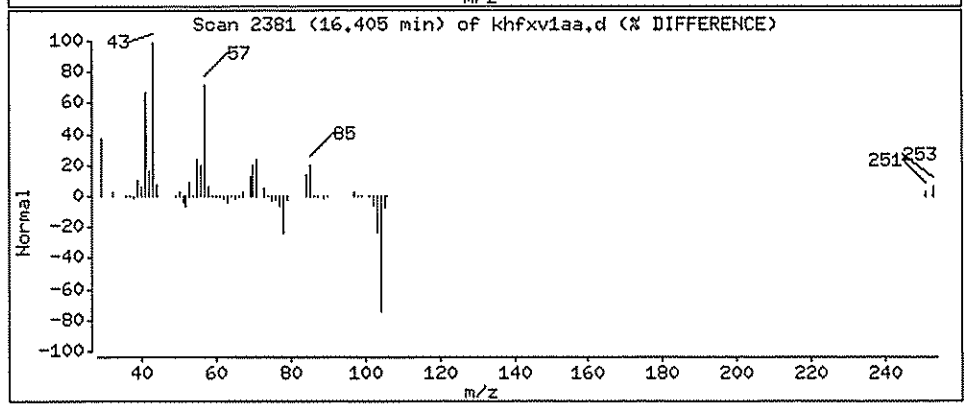
73 Styrene

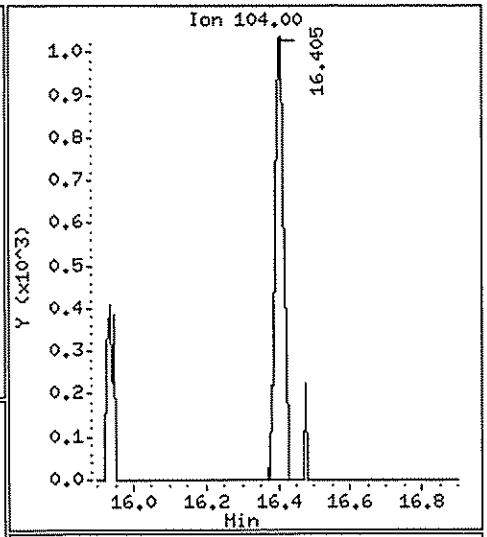
Concentration: 0.03460 ppb(v/v)

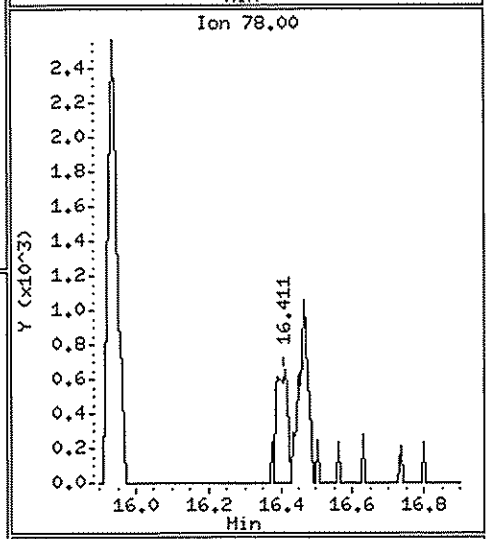


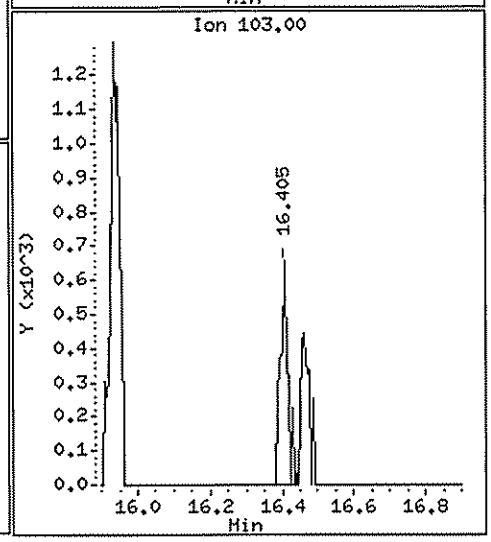












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

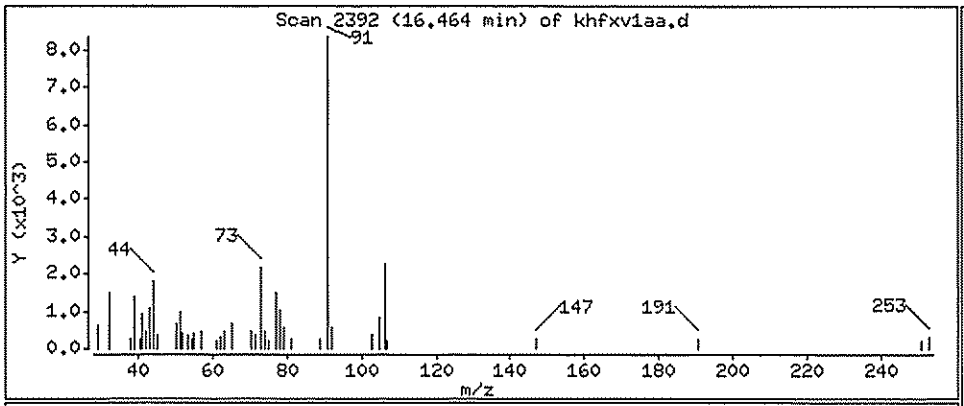
Operator: 7126

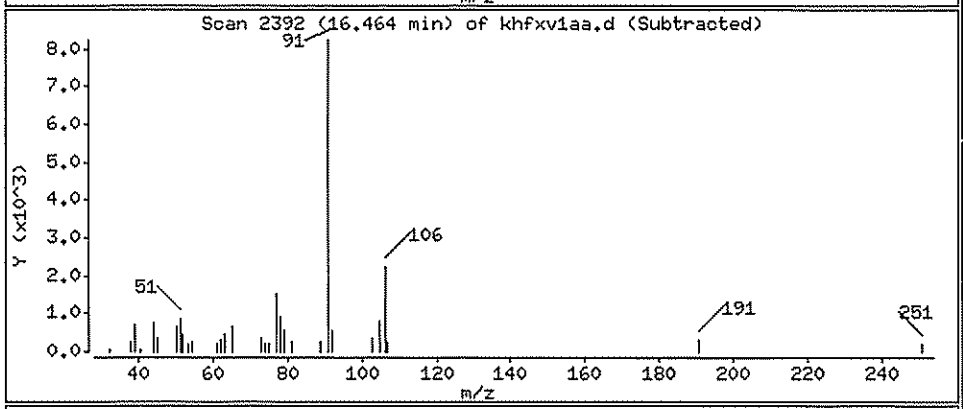
Column phase: HP-5

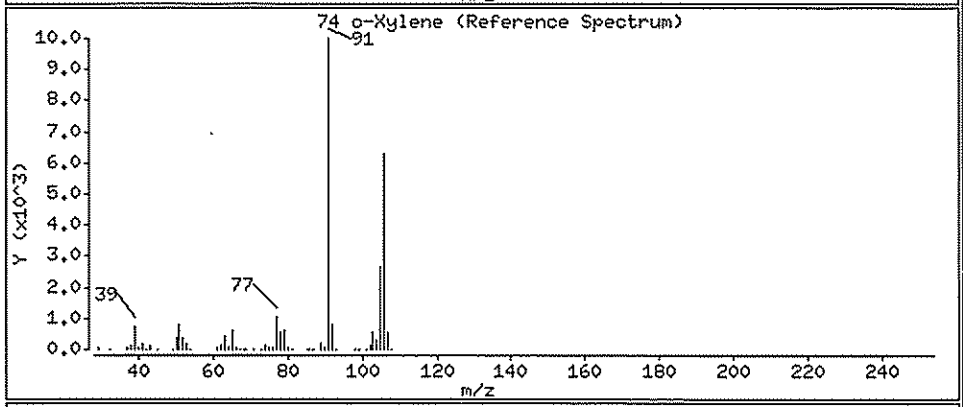
Column diameter: 0.32

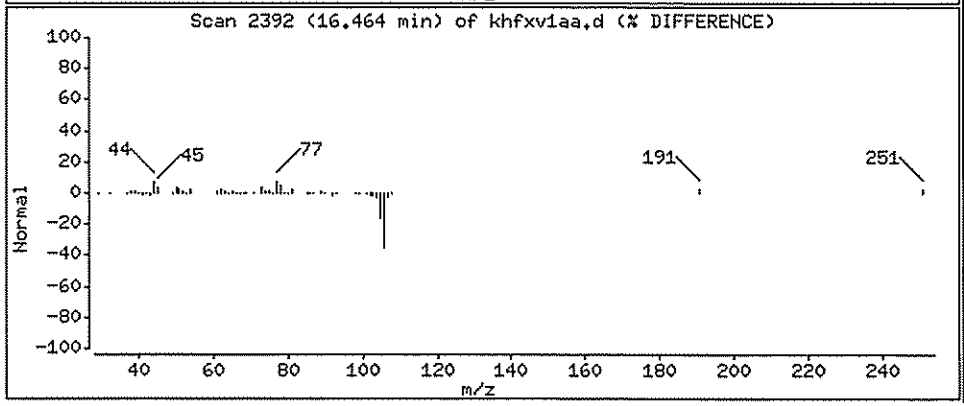
74 o-Xylene

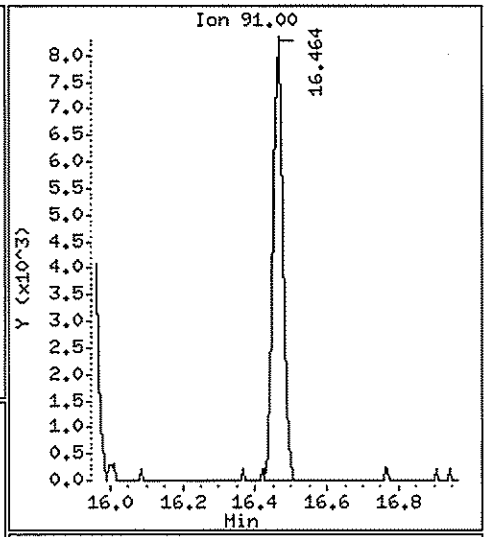
Concentration: 0.1786 ppb(v/v)

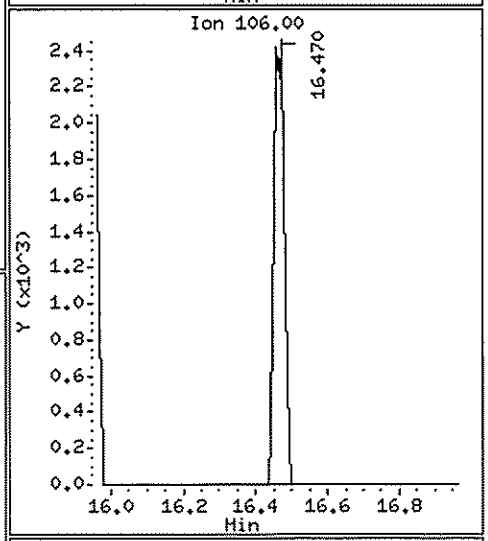


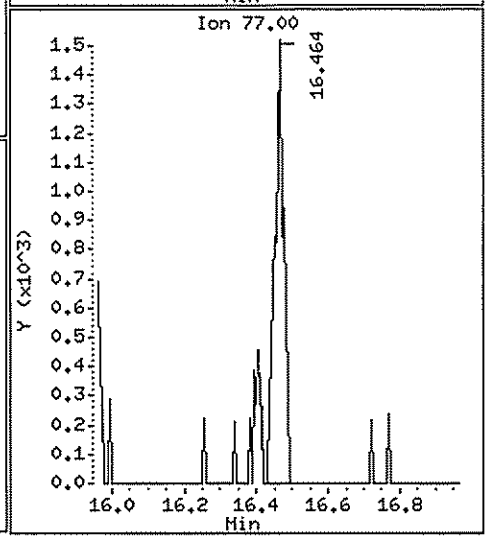












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

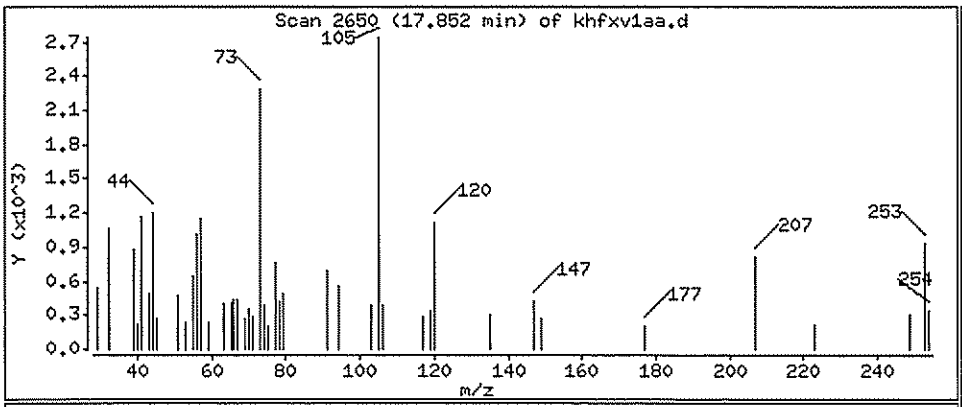
Operator: 7126

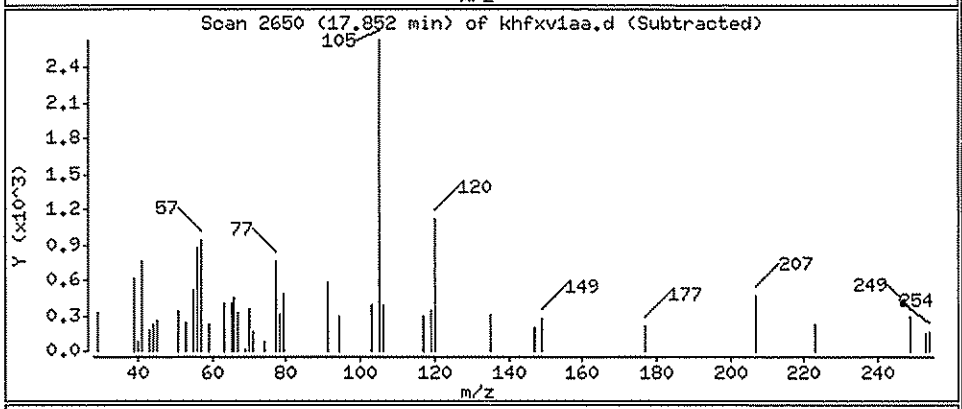
Column phase: HP-5

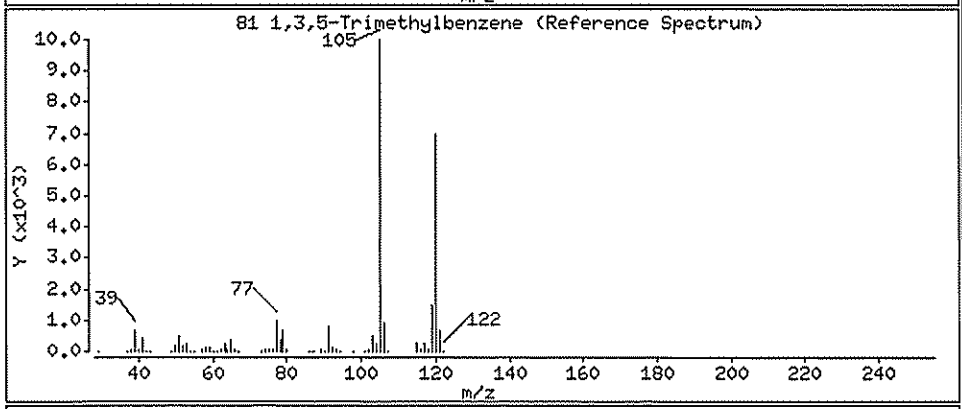
Column diameter: 0.32

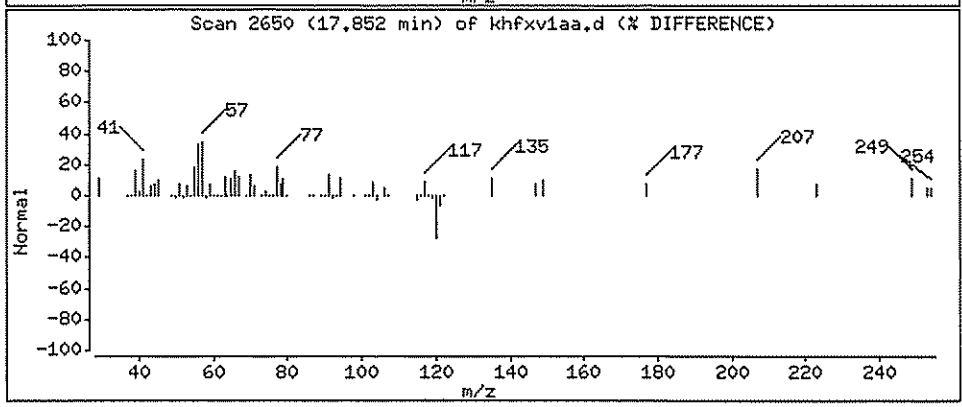
81 1,3,5-Trimethylbenzene

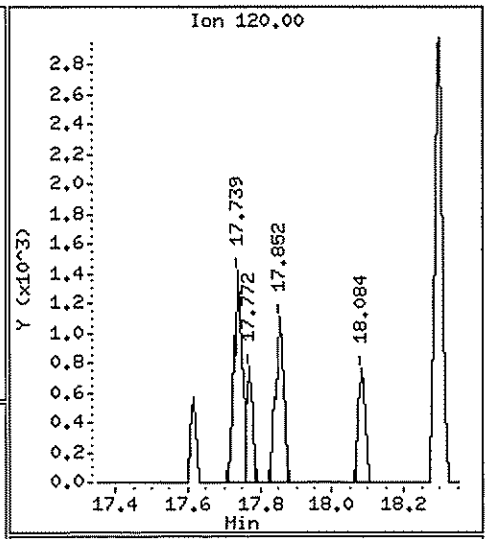
Concentration: 0.04426 ppb(v/v)

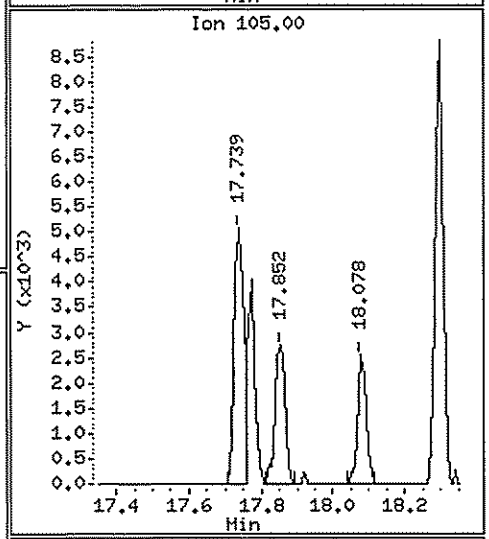


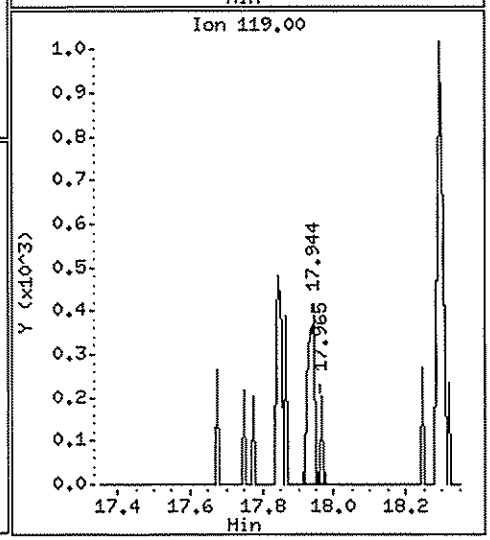












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

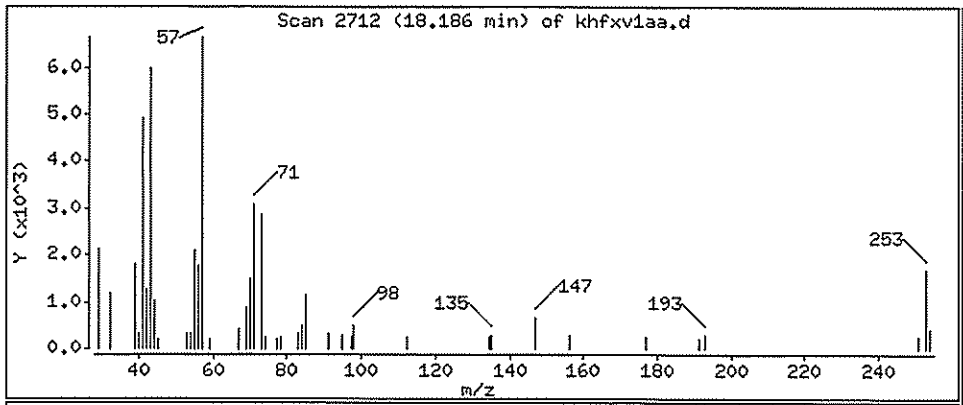
Operator: 7126

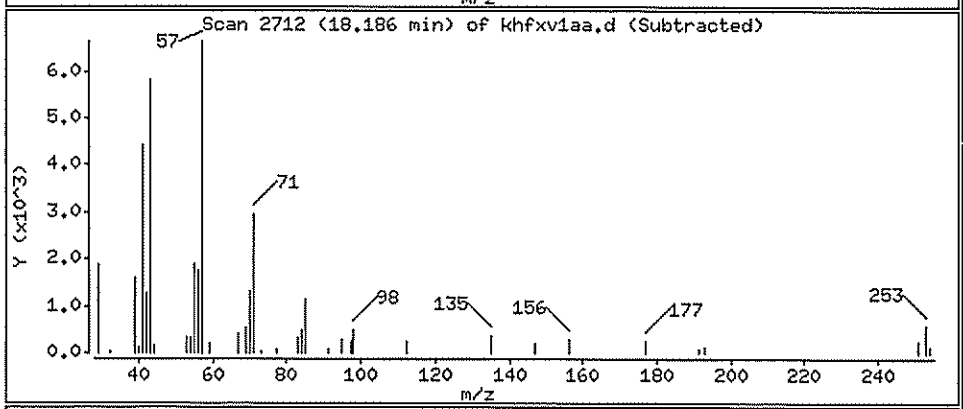
Column phase: HP-5

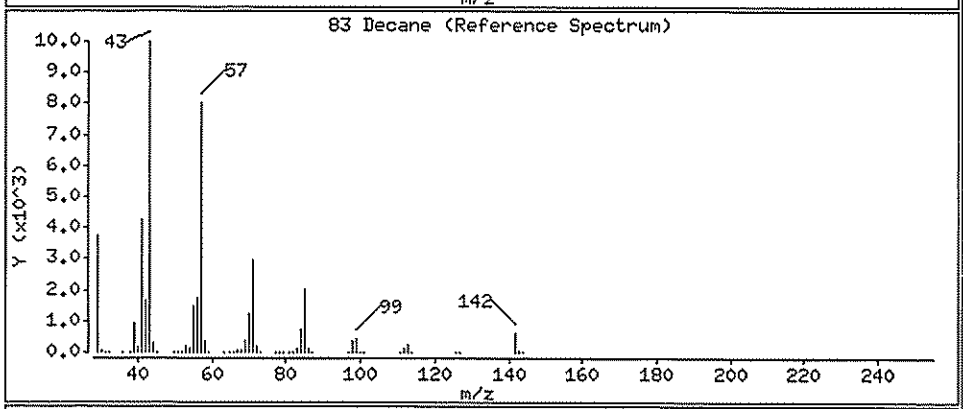
Column diameter: 0.32

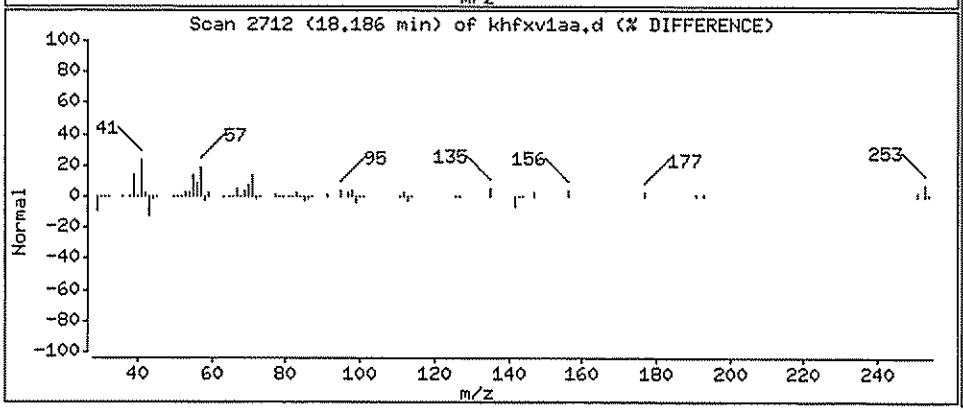
83 Decane

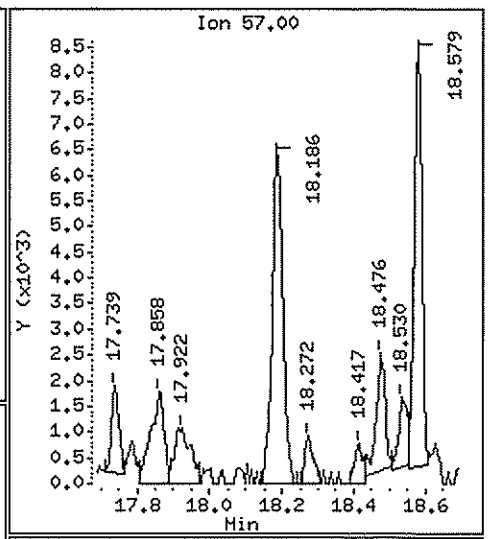
Concentration: 0.2279 ppb(v/v)

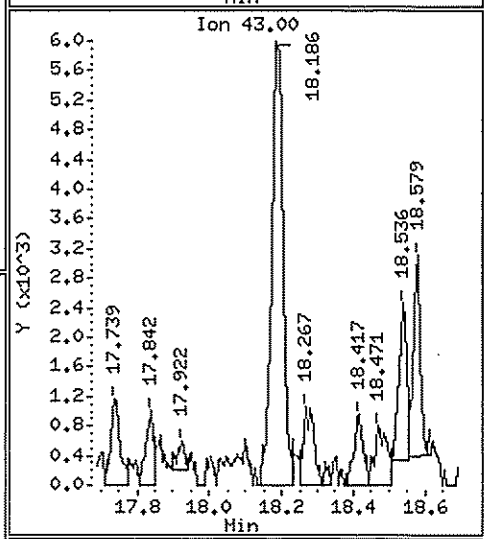


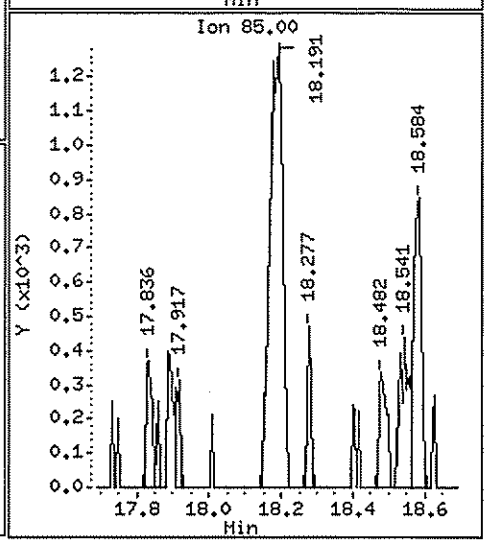












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

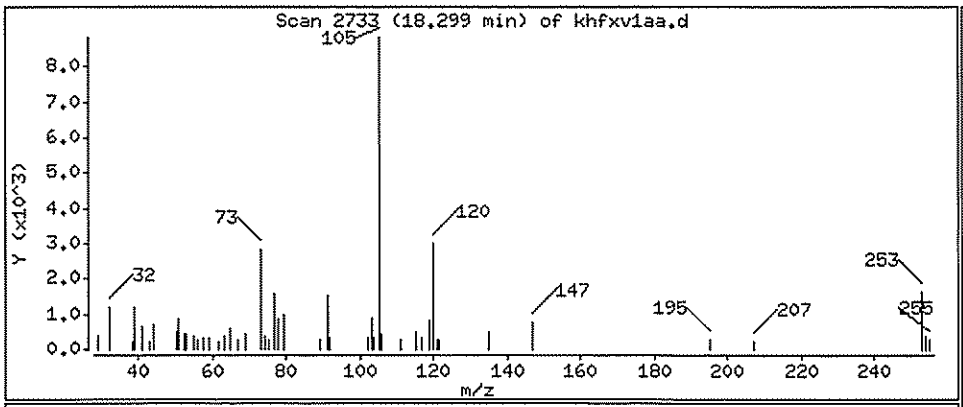
Operator: 7126

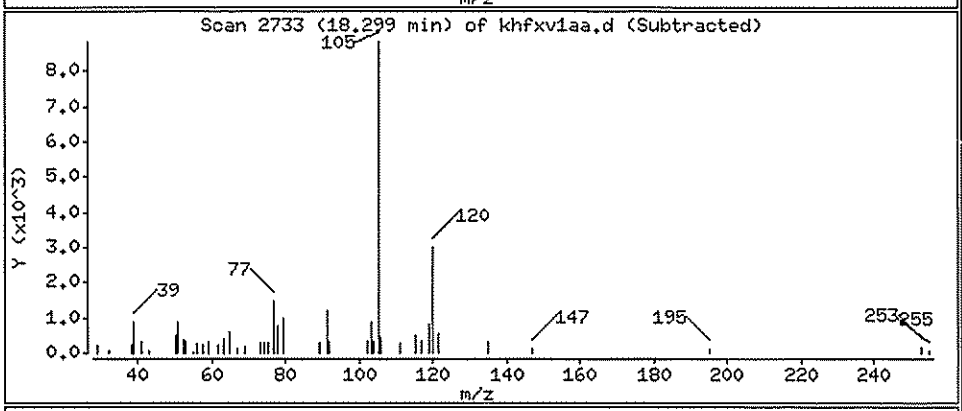
Column phase: HP-5

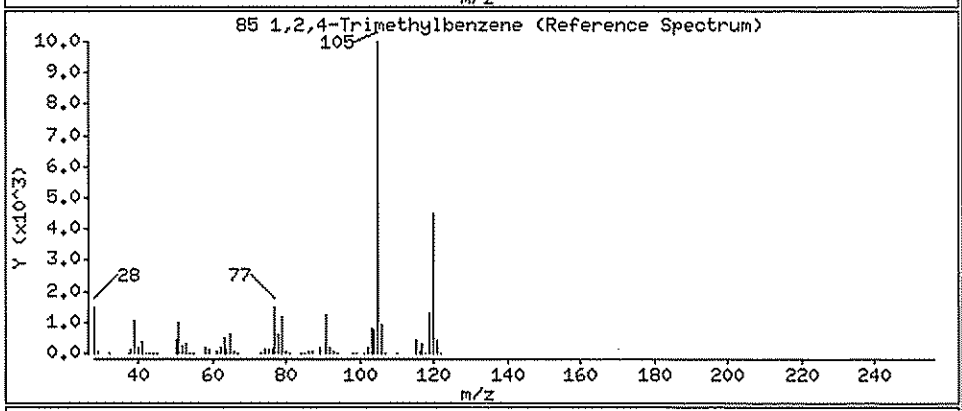
Column diameter: 0.32

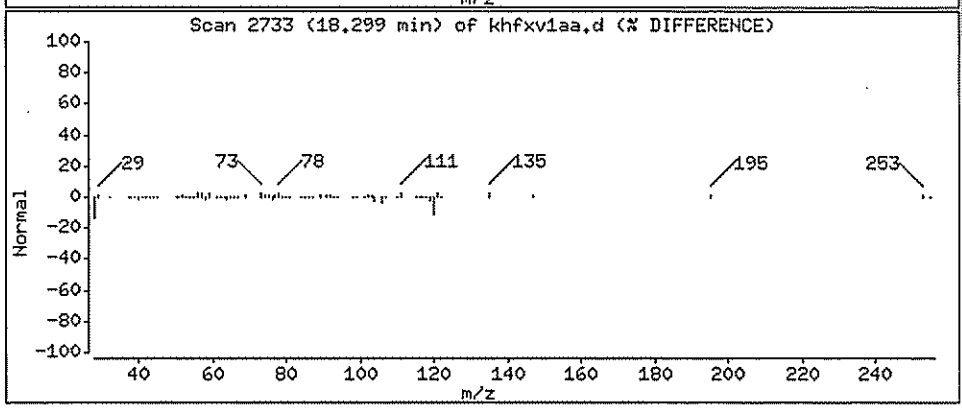
85 1,2,4-Trimethylbenzene

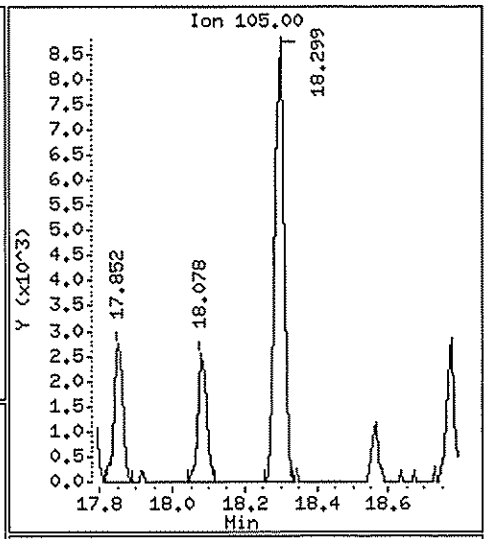
Concentration: 0.1487 ppb(v/v)

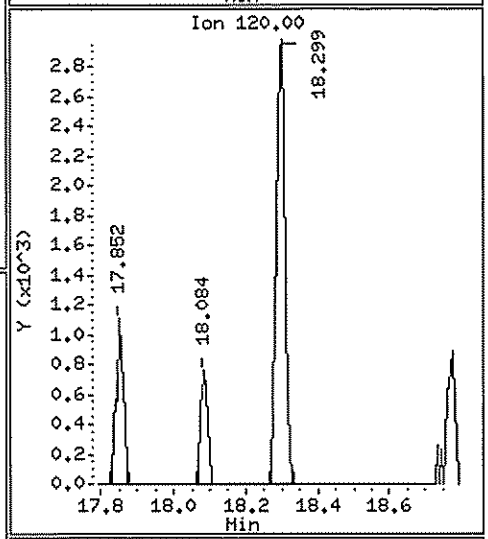


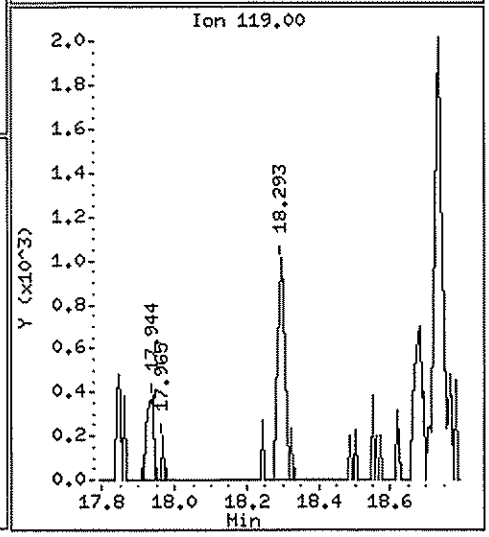












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d

Date : 25-FEB-2008 14:27

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,,0,,,,

Purge Volume: 500.0

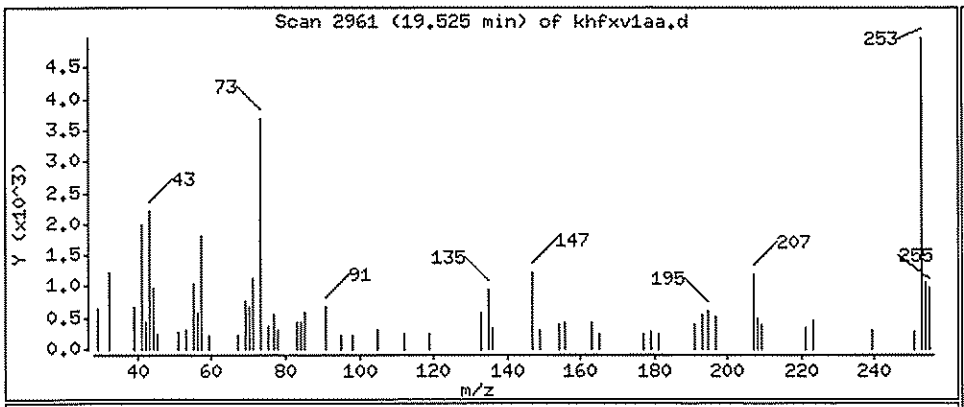
Operator: 7126

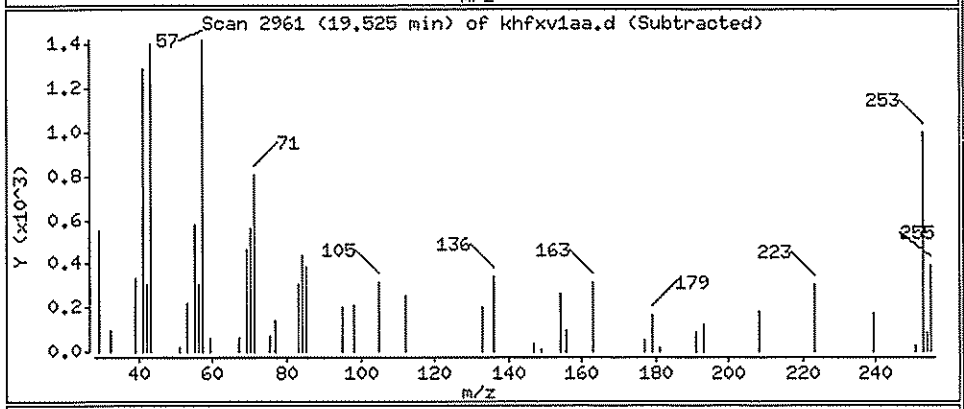
Column phase: HP-5

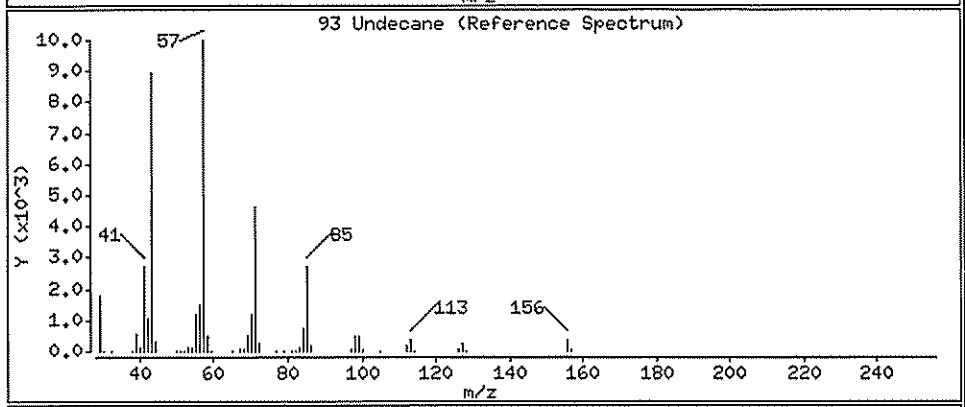
Column diameter: 0.32

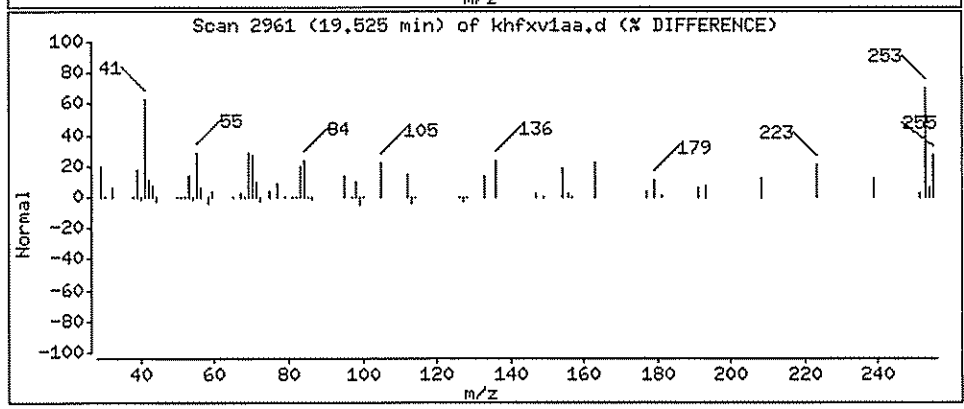
93 Undecane

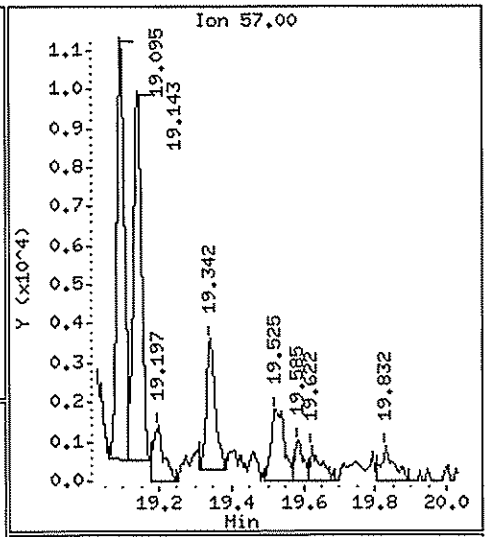
Concentration: 0.07325 ppb(v/v)

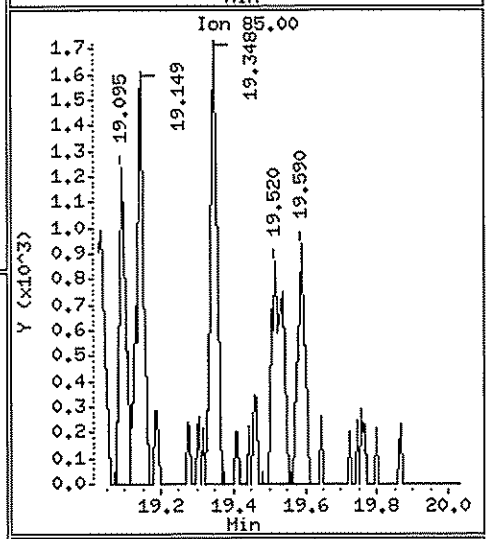


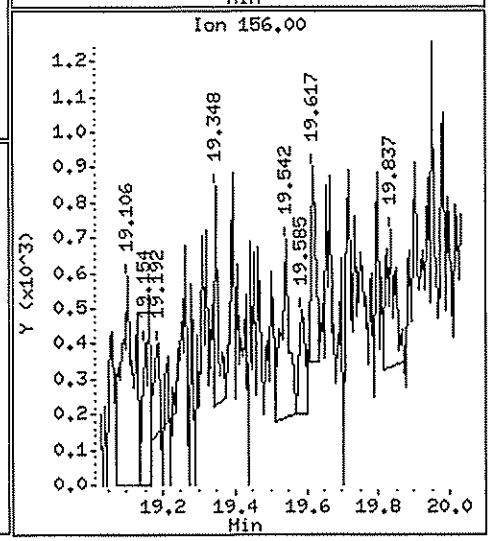












Data File: /var/chem/gcms/me.i/E022508.b/khfxv1aa.d
Report Date: 26-Feb-2008 13:42

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/khfxv1aa.d
Lab Smp Id: KHFXV1AA Client Smp ID: SV-07-04-INA
Inj Date : 25-FEB-2008 14:27
Operator : 7126 Inst ID: me.i
Smp Info : ,,0,,,,
Misc Info : E022508,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 12:25 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

ISTD	RT	HEIGHT	AMOUNT
* 1 Bromochloromethane	8.438	347551	4.000

		CONCENTRATIONS			QUANT		
RT	HEIGHT	ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	LIBRARY	LIB ENTRY	CPND #
Methyl Alcohol				CAS #: 67-56-1			
4.011	612859	7.05345690	7.053	4	NIST05.1	30	1
Ethyl alcohol				CAS #: 64-17-5			
4.629	202066	2.32559826	2.326	78	NIST05.1	94	1

n/a

2/26/08 tt

TestAmerica Buffalo

Client Sample ID: SV-07-04-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 005 **Work Order #** KHFXV2AA **Matrix.....:** AIR

Date Sampled...: 2/19/08
Prep Date.....: 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1.17

Date Received..: 2/21/08
Analysis Date... 2/26/08

Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.2	ND	6.8
1-Methylnaphthalene	ND	1.2	ND	6.8
Indene	ND	0.19	ND	0.89
Thiophene	ND	0.094	ND	0.32
1,2,3-Trimethylbenzene	ND	0.094	ND	0.46
Indane	ND	0.094	ND	0.45

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022608.b/khfxv2aa.d
Report Date: 27-Feb-2008 07:22

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022608.b/khfxv2aa.d
Lab Smp Id: KHFXV2AA Client Smp ID: SV-07-04-INA
Inj Date : 26-FEB-2008 21:25
Operator : 7126 Inst ID: me.i
Smp Info : ,1.17,0,,,,
Misc Info : E022608,TO155,newyork.sub,,,428 ML
Comment :
Method : /var/chem/gcms/me.i/E022608.b/TO155.m
Meth Date : 27-Feb-2008 07:21 tajh Quant Type: ISTD
Cal Date : 26-FEB-2008 11:39 Cal File: nyextra.d
Als bottle: 5
Dil Factor: 1.17000
Integrator: HP RTE Compound Sublist: newyork.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.17000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.433	8.433	(1.000)	57382	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.628	10.627	(1.000)	280004	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	254608	4.00000	4.000
99 ~ Thiophene	84	10.068	10.316	(0.947)	7768	0.23303	~~0.2726(A)~~

2/27/08

QC Flag Legend

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

Data File: /var/chem/gcms/me.i/E022608.b/khfxv2aa.d
Report Date: 27-Feb-2008 07:22

TestAmerica Knoxville

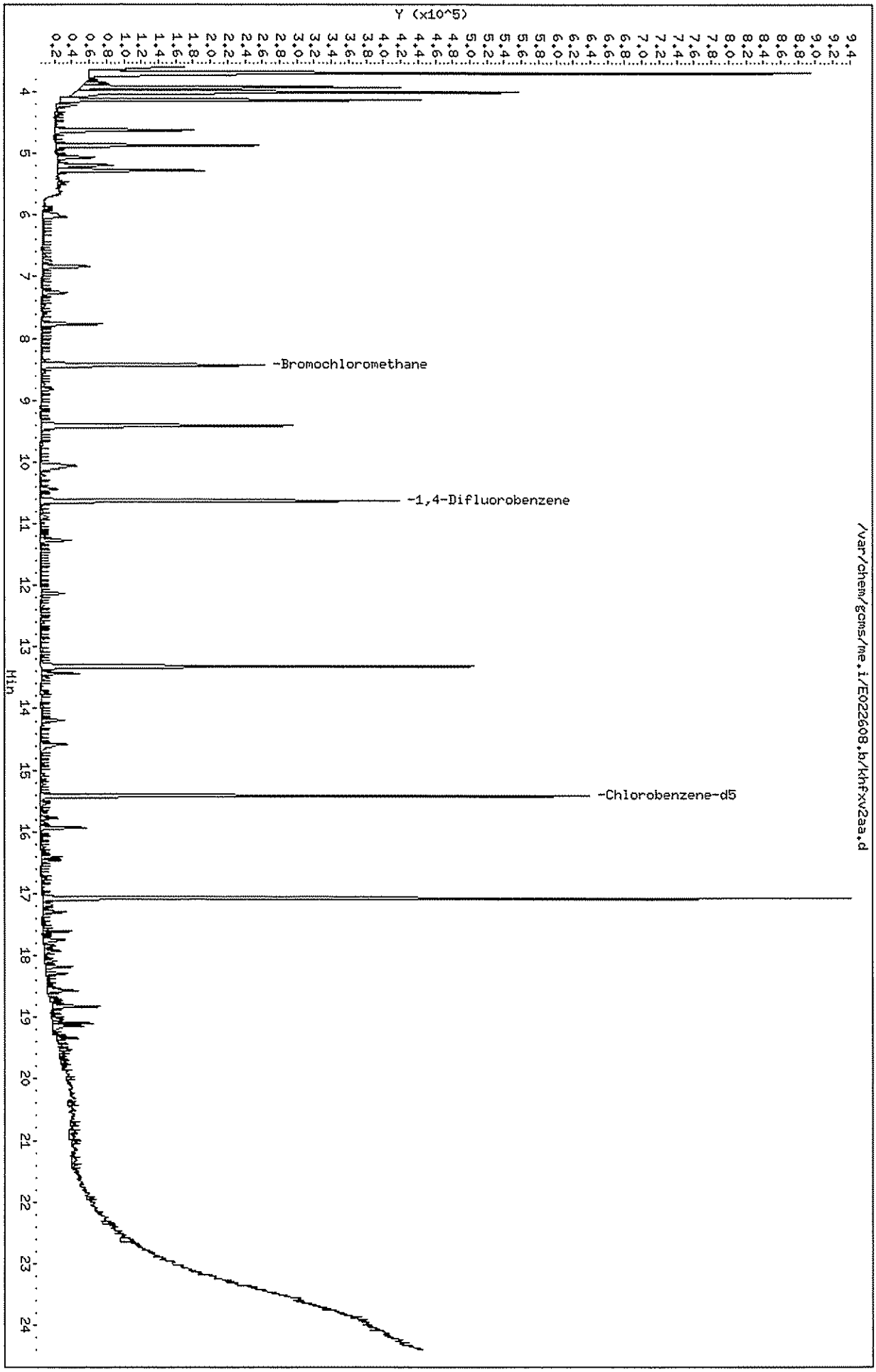
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: khfxv2aa.d
Lab Smp Id: KHFXV2AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Calibration Date: 26-FEB-2008
Calibration Time: 09:31
Client Smp ID: SV-07-04-INA
Level: LOW
Sample Type: AIR
Method File: /var/chem/gcms/me.i/E022608.b/TO155.m
Misc Info: E022608,TO155,newyork.sub,,,428 ML

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	68800	40936	96664	57382	-16.60
2 1,4-Difluorobenze	353524	210347	496701	280004	-20.80
3 Chlorobenzene-d5	329407	195997	462817	254608	-22.71

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.43	0.00
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.00
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	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: /var/chem/gcms/me.i/E022608.b/khfxv2aa.d
Date : 26-FEB-2008 21:25
Client ID: SV-07-04-INA
Sample Info: ,1.17,0,,,,
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^5)
-Bromochloromethane
-1,4-Difluorobenzene
-Chlorobenzene-d5
/var/chem/gcms/me.i/E022608.b/khfxv2aa.d
Min

Data File: /var/chem/gcms/me.i/E022608.b/khfxv2aa.d

Date : 26-FEB-2008 21:25

Client ID: SV-07-04-INA

Instrument: me.i

Sample Info: ,1.17,0,,,,

Purge Volume: 500.0

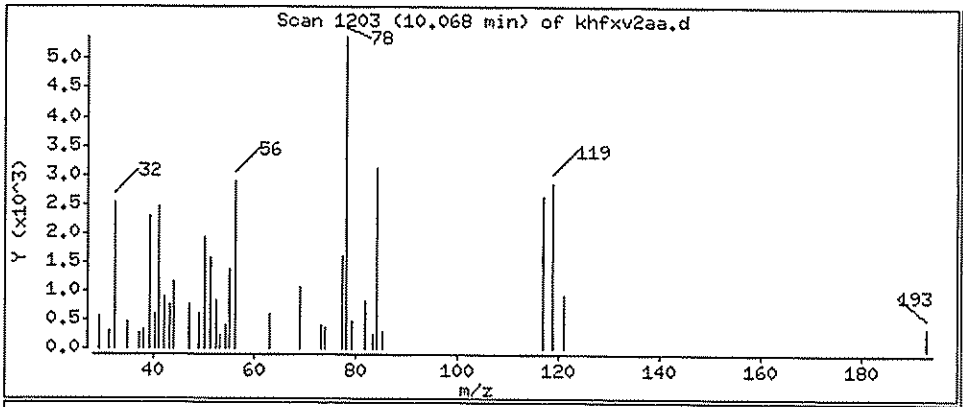
Operator: 7126

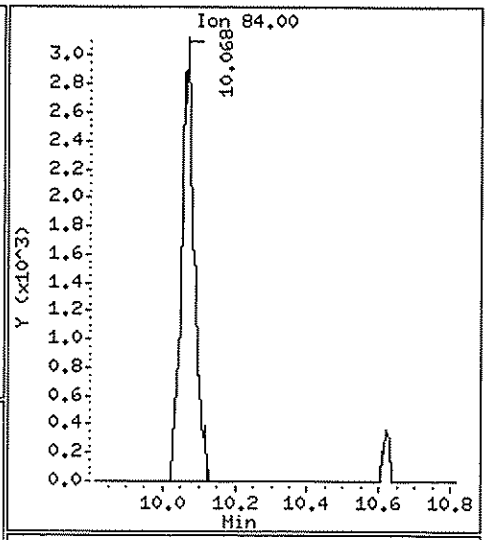
Column phase: HP-5

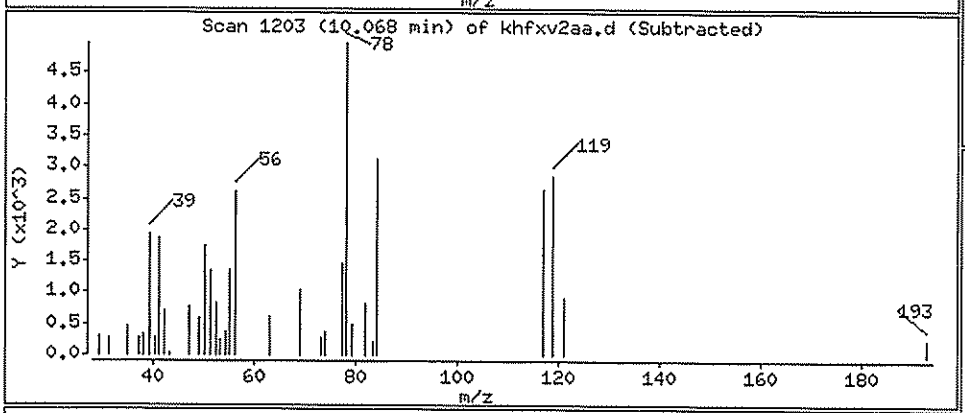
Column diameter: 0.32

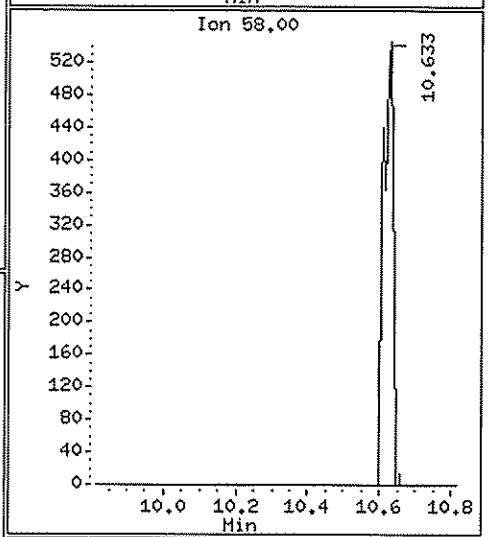
99 ~ Thiophene

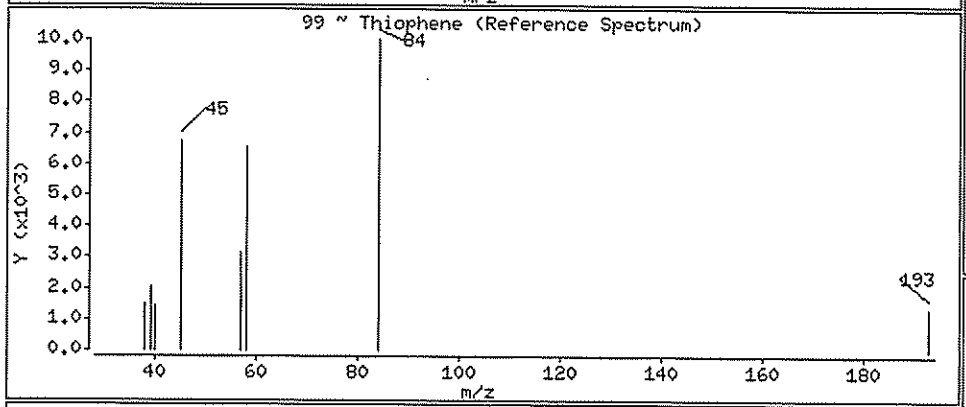
Concentration: 0.2726 ppb(v/v)

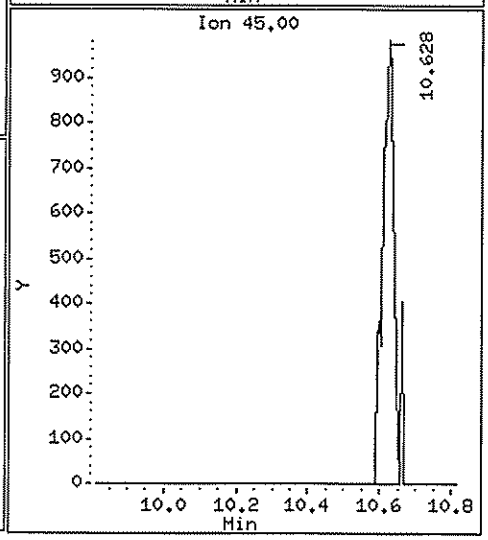


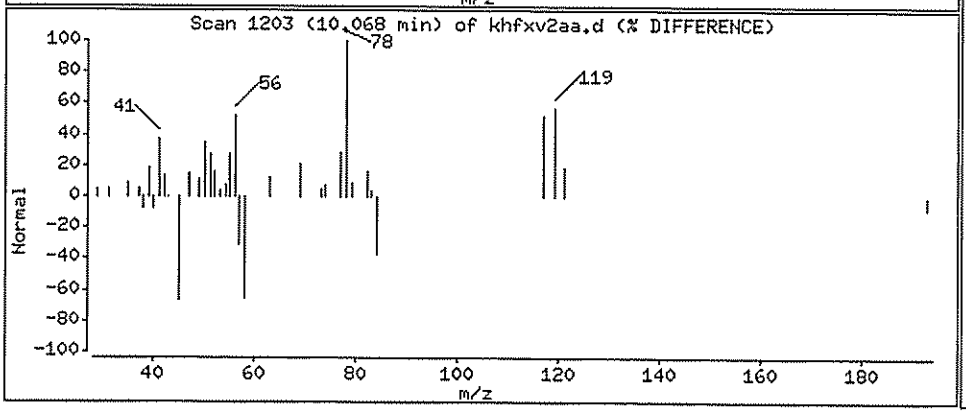












TestAmerica Buffalo

Client Sample ID: SV-07-03-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 006 **Work Order #** KHFXW1AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058104
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.080	ND		0.56
Ethylbenzene	**0.20**	**0.080**	**0.89**		**0.35**
Trichlorofluoromethane	**0.20**	**0.080**	**1.1**		**0.45**
n-Heptane	**0.34**	**0.20**	**1.4**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.84**	**0.20**	**3.0**		**0.70**
2,2,4-Trimethylpentane	**0.066**	**0.20**	**0.31**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.63**	**0.20**	**2.2**	**B**	**0.69**
2-Methylnaphthalene	ND	1.0	ND		5.8
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.35**	**0.080**	**1.1**		**0.26**
n-Octane	**0.14**	**0.16**	**0.64**	**J**	**0.75**
Pentane	**1.7**	**0.32**	**5.0**		**0.94**
Styrene	**0.032**	**0.080**	**0.14**	**J**	**0.34**
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.18**	**0.080**	**1.2**		**0.54**
Toluene	**0.56**	**0.080**	**2.1**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.014**	**0.080**	**0.077**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.21**	**0.080**	**1.0**		**0.39**
1,3,5-Trimethylbenzene	**0.069**	**0.080**	**0.34**	**J**	**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.21**	**0.080**	**0.92**		**0.35**
1-Methylnaphthalene	ND	1.0	ND		5.8
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.27**	**0.40**	**1.6**	**J**	**2.3**
n-Dodecane	**0.093**	**0.40**	**0.64**	**J**	**2.8**
n-Undecane	**0.45**	**0.40**	**2.9**		**2.6**
1,1,2-Trichlorotrifluoroethane	**0.069**	**0.080**	**0.53**	**J**	**0.61**
Nonane	**0.16**	**0.16**	**0.81**		**0.84**
m-Xylene & p-Xylene	**0.64**	**0.080**	**2.8**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**5.4**	**0.16**	**13**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Indene	ND	0.16	ND		0.76
Thiophene	ND	0.080	ND		0.28

TestAmerica Buffalo

Client Sample ID: SV-07-03-SS

GC/MS Volatiles

Lot-Sample # H8B210257 - 006 **Work Order #** KHFXW1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
Carbon tetrachloride	**0.075**	**0.080**	**0.47**	**J**	**0.50**
Chlorobenzene	ND	0.080	ND		0.37
1,2,3-Trimethylbenzene	ND	0.080	ND		0.39
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.018**	**0.080**	**0.087**	**J**	**0.39**
Chloromethane	**0.46**	**0.20**	**0.94**		**0.41**
2-Methylbutane	**1.8**	**0.20**	**5.4**		**0.59**
Indane	ND	0.080	ND		0.39
1,2-Dichlorobenzene	ND	0.080	ND		0.48
1,3-Dichlorobenzene	ND	0.080	ND		0.48
1,4-Dichlorobenzene	ND	0.080	ND		0.48
Dichlorodifluoromethane	**0.42**	**0.080**	**2.1**		**0.40**
1,1-Dichloroethane	ND	0.080	ND		0.32
1,2-Dichloroethane	ND	0.080	ND		0.32
1,1-Dichloroethene	ND	0.080	ND		0.32
cis-1,2-Dichloroethene	ND	0.080	ND		0.32
1,2-Dichloropropane	ND	0.080	ND		0.37
cis-1,3-Dichloropropene	ND	0.080	ND		0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	96	70 - 130
Toluene-d8	103	70 - 130
4-Bromofluorobenzene	108	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d
Report Date: 27-Feb-2008 10:07

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d
Lab Smp Id: KHFXW1AA Client Smp ID: SV-07-03-SS
Inj Date : 26-FEB-2008 15:15
Operator : 3386 Inst ID: mg.i
Smp Info : ,,0,,,
Misc Info : G022608,TO155,seneca.sub,,,,500 ML
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 27-Feb-2008 10:05 layk Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	500.00000	Default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
* 1 Bromochloromethane	128	9.470	9.475	(1.000)	228764	4.00000	4.000
* 2 1,4-Difluorobenzene	114	11.616	11.621	(1.000)	888461	4.00000	4.000
* 3 Chlorobenzene-d5	117	16.275	16.280	(1.000)	768489	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	10.483	10.489	(0.902)	233427	3.83590	3.836
$ 5 Toluene-d8	98	14.215	14.215	(0.873)	687663	4.13399	4.134
$ 6 4-Bromofluorobenzene	95	17.893	17.892	(1.099)	597239	4.30056	4.300
9 Dichlorodifluoromethane	85	4.029	4.034	(0.425)	87840	0.41618	0.4162
10 Chloromethane	52	4.239	4.239	(0.448)	6851	0.45759	0.4576
14 n-Butane	43	4.520	4.525	(0.477)	462737	5.37542	5.375
19 2-methyl butane	43	5.420	5.425	(0.572)	147382	1.82775	1.828
20 Trichlorofluoromethane	101	5.663	5.668	(0.598)	49632	0.20384	0.2038
24 Pentane	72	5.900	5.905	(0.623)	22747	1.70370	1.704
30 1,1,2-Trichlorotrifluoroethane	101	6.606	6.612	(0.698)	10472	0.06872	0.06872
31 Methylene Chloride	84	6.806	6.811	(0.719)	40561	0.62749	0.6275
38 Hexane	56	8.682	8.682	(0.917)	50561	0.84466	0.8446
42 Chloroform	83	9.464	9.480	(0.999)	2967	0.01785	0.01785

Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d
Report Date: 27-Feb-2008 10:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
44	1,1,1-Trichloroethane	97	10.510	10.521	(1.110)	2542	0.01409	0.01409
47	Benzene	78	11.098	11.109	(0.955)	79746	0.34743	0.3474
49	Carbon Tetrachloride	117	11.114	11.125	(0.957)	15291	0.07477	0.07477
50	2,2,4-trimethylpentane	57	11.810	11.821	(1.017)	24139	0.06576	0.06576
51	Heptane	43	12.177	12.176	(1.048)	49973	0.34048	0.3405
61	Toluene	91	14.328	14.328	(0.880)	140012	0.56343	0.5634
62	1,1,2-Trichloroethane	97	14.231	14.409	(0.874)	76175	0.96961	~~0.9696~~
64	Octane	85	14.975	14.975	(0.920)	13029	0.13781	0.1378
67	Tetrachloroethene	129	15.455	15.455	(0.950)	19310	0.17927	0.1793
69	Ethylbenzene	91	16.604	16.604	(1.020)	55347	0.20433	0.2043
71	Nonane	57	17.143	17.148	(1.053)	27635	0.15503	0.1550
70	m&p-Xylene	91	16.755	16.760	(1.029)	141668	0.63741	0.6374
73	Styrene	104	17.224	17.224	(1.058)	4873	0.03239	0.03239
74	o-Xylene	91	17.283	17.283	(1.062)	48244	0.21077	0.2108
75	1,1,2,2-Tetrachloroethane	83	17.952	17.607	(1.103)	12330	0.06948	~~0.06948~~
77	Cumene	105	18.071	17.855	(1.110)	16987	0.05010	~~0.05010~~
81	1,3,5-Trimethylbenzene	120	18.572	18.577	(1.141)	9971	0.06935	0.06935
83	Decane	57	18.831	18.831	(1.157)	66010	0.27076	0.2708
85	1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	70052	0.21122	0.2112
93	Undecane	57	20.098	20.098	(1.235)	134365	0.45464	0.4546
94	Dodecane	57	21.177	21.176	(1.301)	27277	0.09251	0.09251
99	~ Thiophene	84	11.104	11.368	(0.956)	24305	0.26127	~~0.2613(A)~~
100	~ 1,2,3-trimethylbenzene	105	18.998	19.456	(1.167)	68099	0.24039	~~0.2404(A)~~

VM 2-27-08

QC Flag Legend

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

Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d
Report Date: 27-Feb-2008 10:07

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: khfxw1aa.d
Lab Smp Id: KHFXW1AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 3386
Method File: /var/chem/gcms/mg.i/G022608.b/TO15S.m
Misc Info: G022608,TO15S,seneca.sub,,,,500 ML

Calibration Date: 26-FEB-2008
Calibration Time: 07:50
Client Smp ID: SV-07-03-SS
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	249595	148509	350681	228764	-8.35
2 1,4-Difluorobenze	931673	554345	1309001	888461	-4.64
3 Chlorobenzene-d5	803231	477922	1128540	768489	-4.33

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	9.47	9.14	9.80	9.47	-0.05
2 1,4-Difluorobenze	11.62	11.29	11.95	11.62	-0.04
3 Chlorobenzene-d5	16.28	15.95	16.61	16.27	-0.03

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.

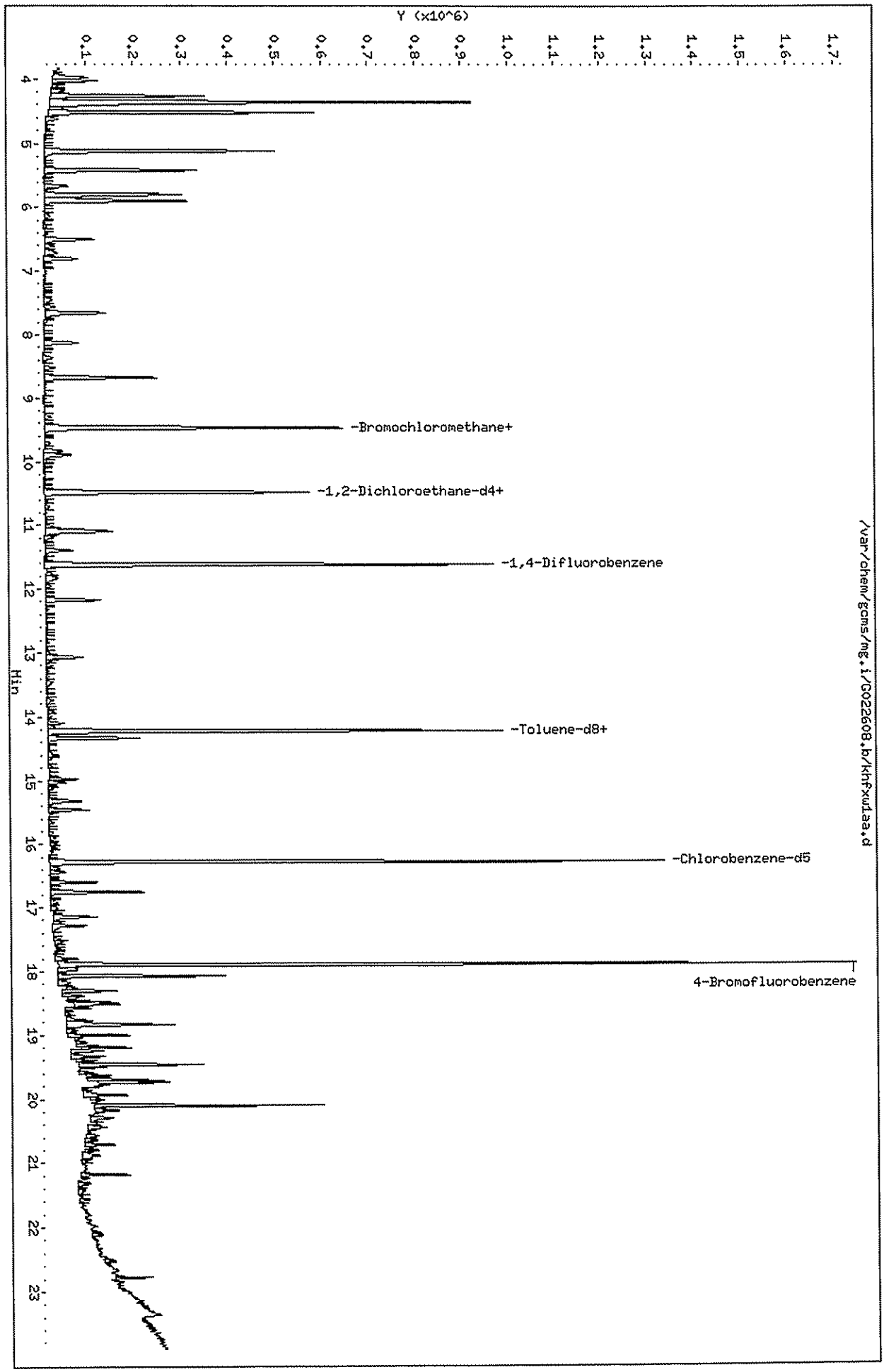
Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d
Report Date: 27-Feb-2008 10:07

TestAmerica Knoxville

RECOVERY REPORT

Client Name: TestAmerica Buffalo
Client SDG: H8B210257
Sample Matrix: GAS
Fraction: OTHER
Lab Smp Id: KHFXW1AA
Client Smp ID: SV-07-03-SS
Level: LOW
Operator: 3386
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: all.spk
Quant Type: ISTD
Sublist File: seneca.sub
Method File: /var/chem/gcms/mg.i/G022608.b/TO155.m
Misc Info: G022608,TO155,seneca.sub,,,,500 ML

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	4.000	3.836	95.90	70-130
$ 5 Toluene-d8	4.000	4.134	103.35	70-130
$ 6 4-Bromofluorobenze	4.000	4.300	107.51	70-130


Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d
Date : 26-FEB-2008 15:15
Client ID: SV-07-03-SS
Sample Info: ,,0,,,
Purge Volume: 500.0
Column phase: RTX-5
Instrument: mg.i
Operator: 3386
Column diameter: 0.32
Y (x10^6)
Min
/var/chem/gcms/mg.i/G022608.b/khfxw1aa.d
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene

Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

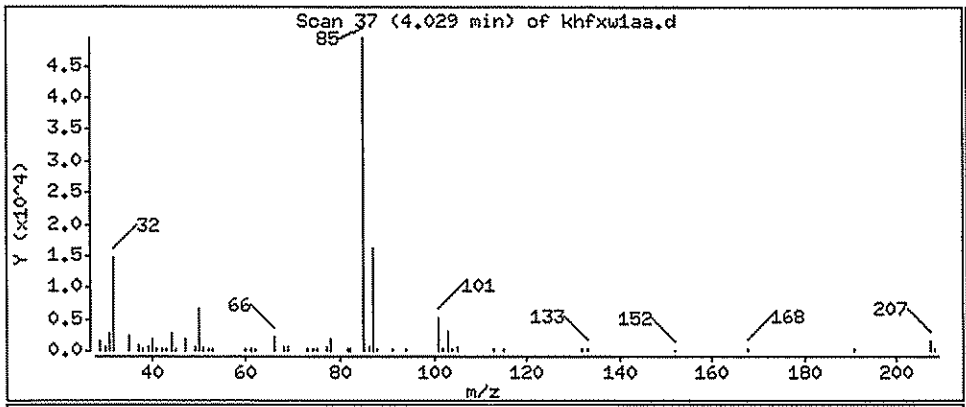
Operator: 3386

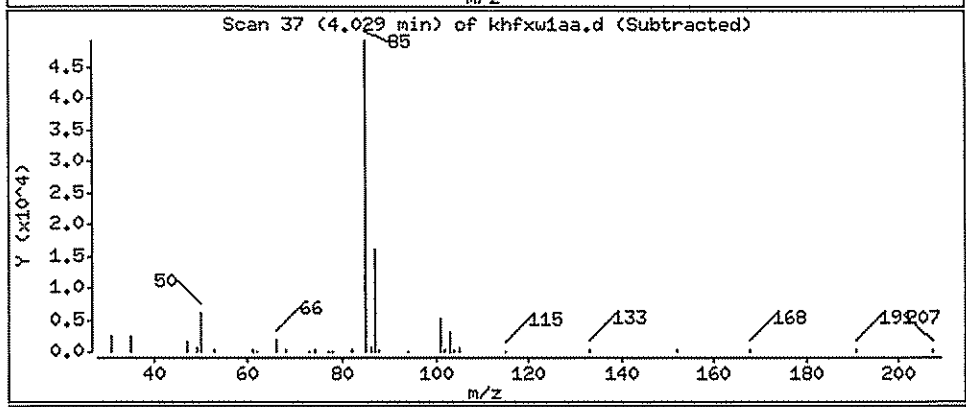
Column phase: RTX-5

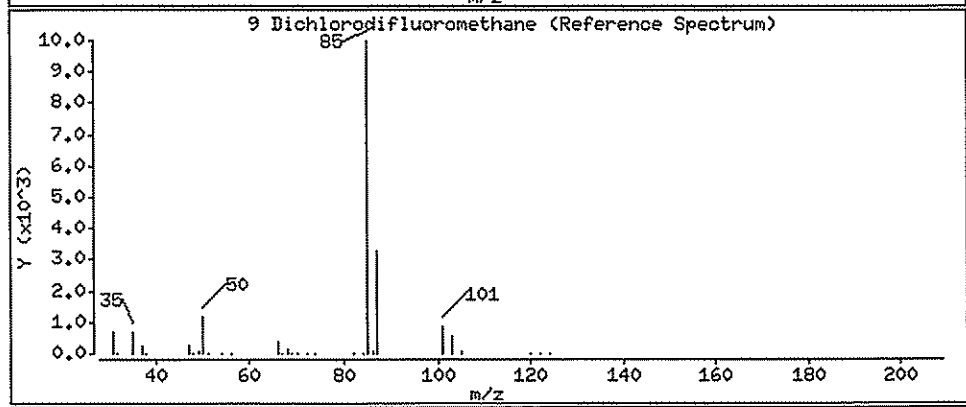
Column diameter: 0.32

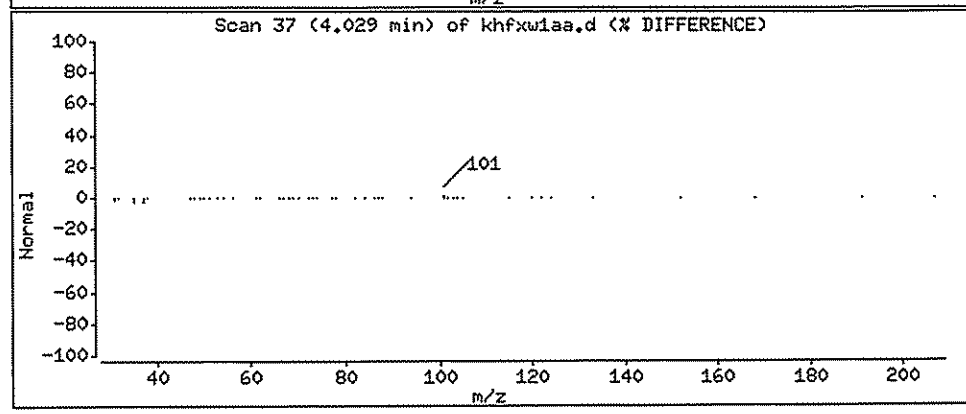
9 Dichlorodifluoromethane

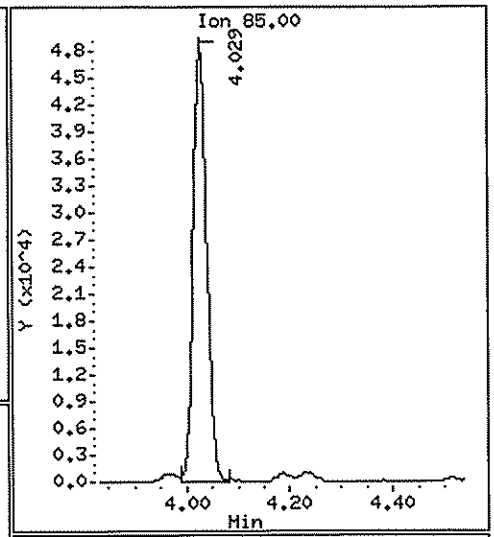
Concentration: 0.4162 ppb(v/v)

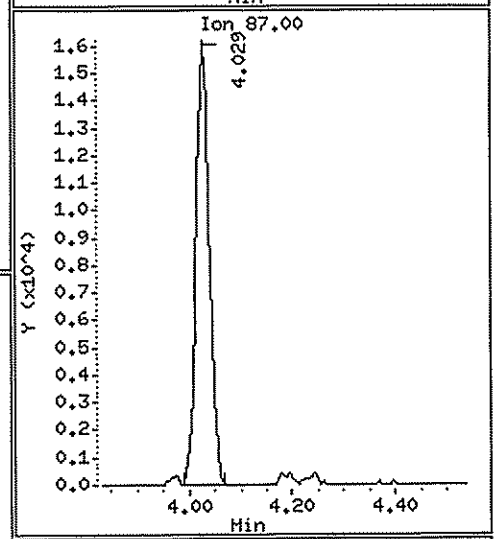


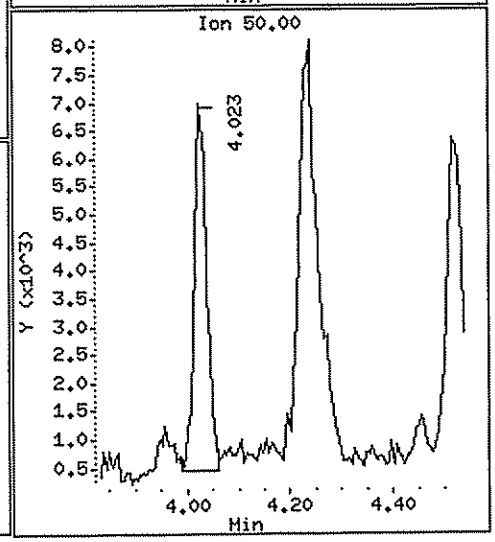












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

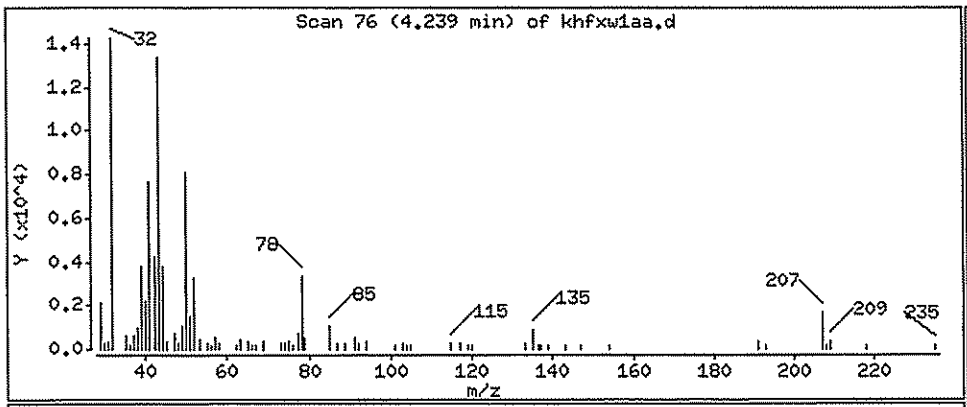
Operator: 3386

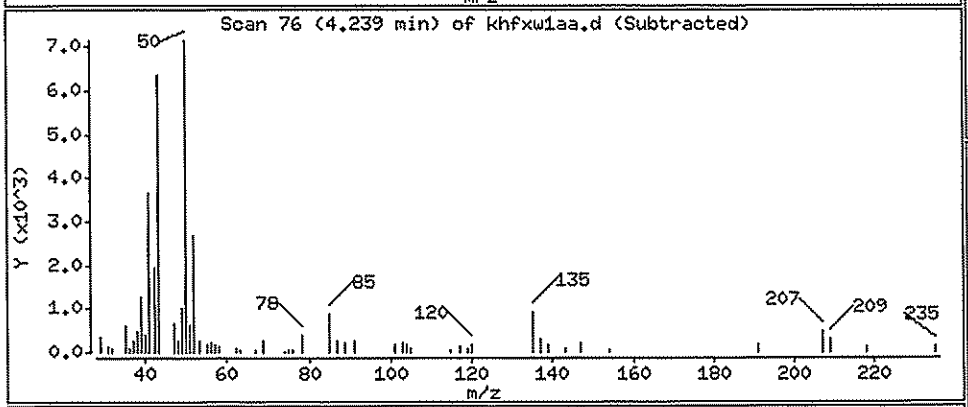
Column phase: RTX-5

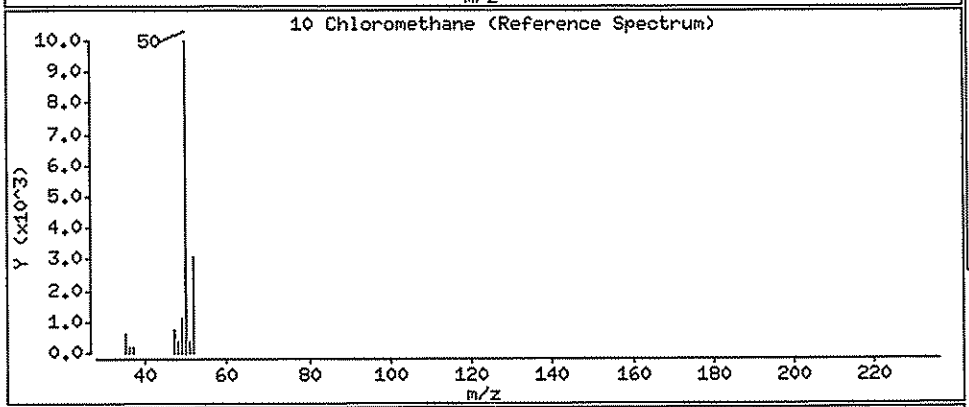
Column diameter: 0.32

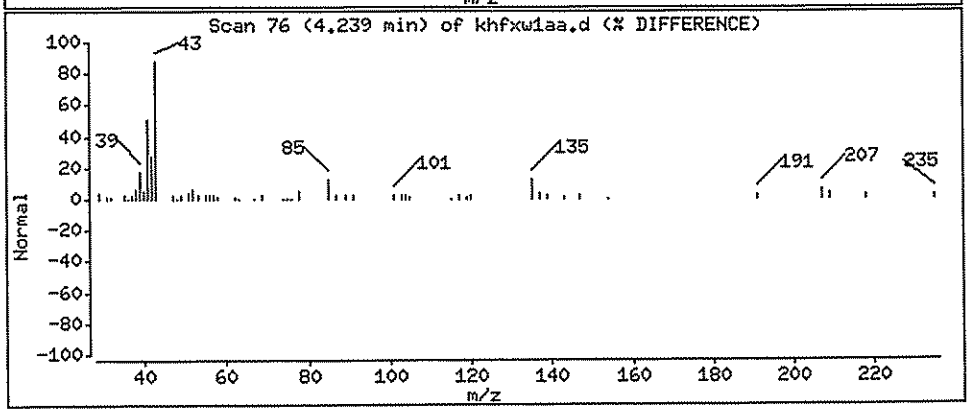
10 Chloromethane

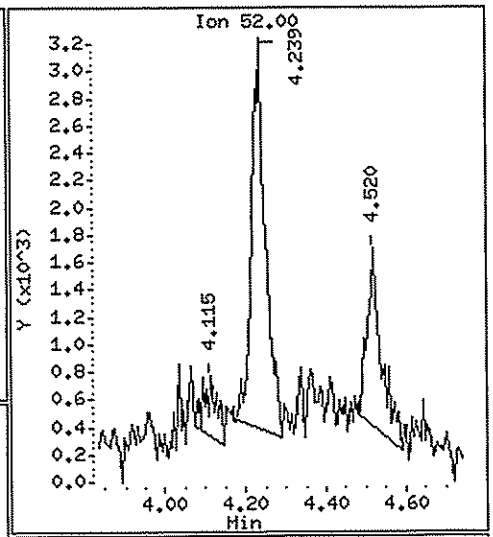
Concentration: 0.4576 ppb(v/v)

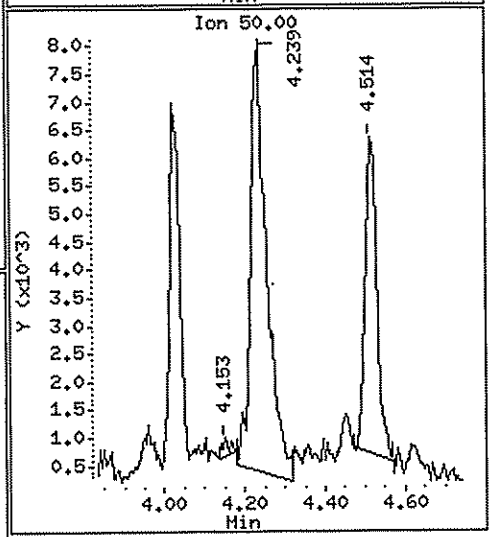












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

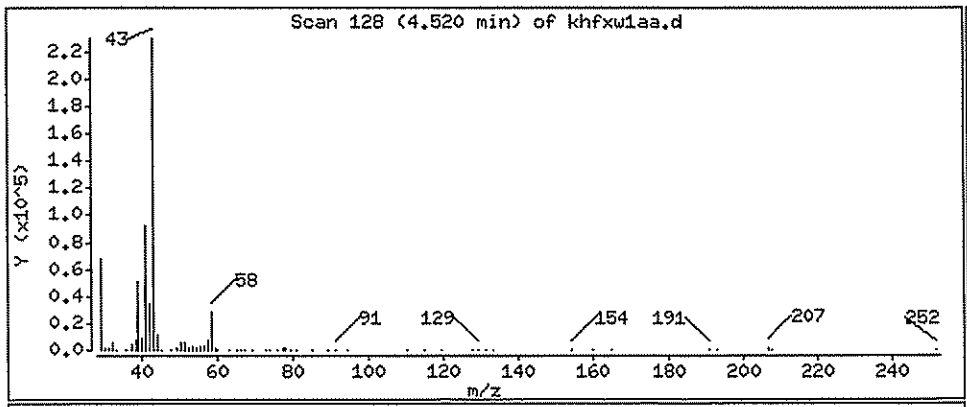
Operator: 3386

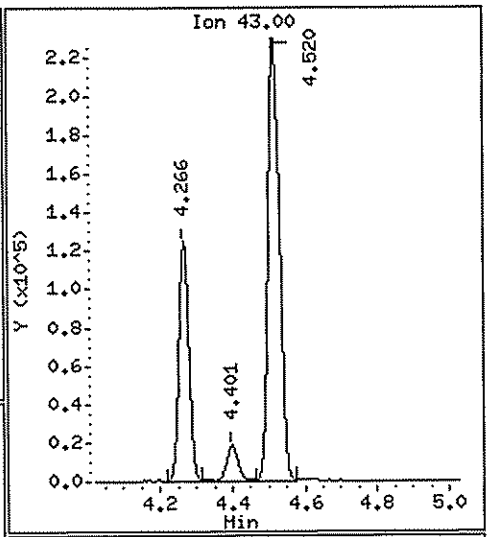
Column phase: RTX-5

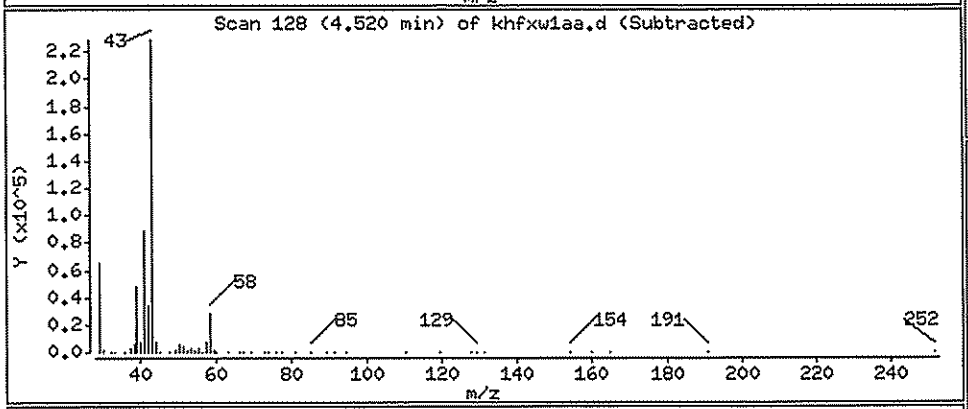
Column diameter: 0.32

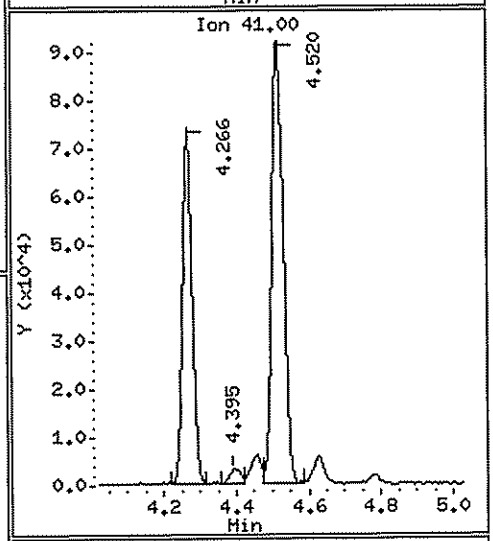
14 n-Butane

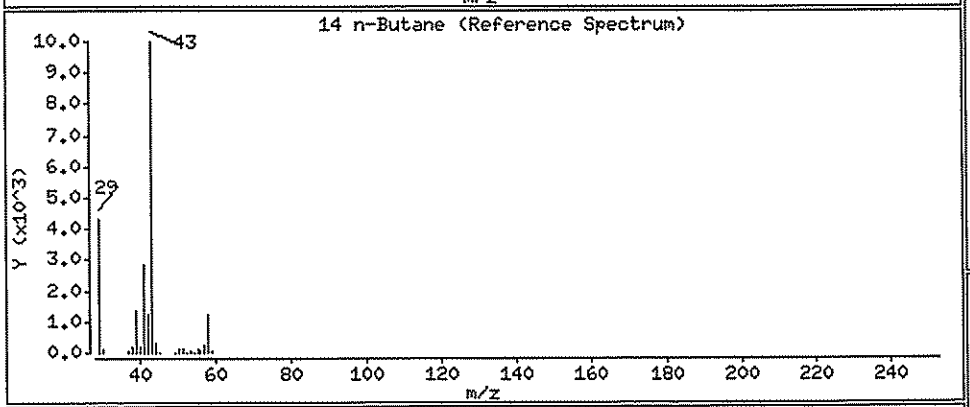
Concentration: 5.375 ppb(v/v)

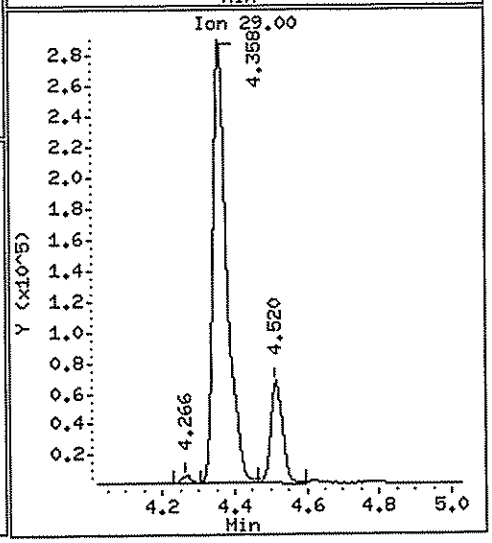


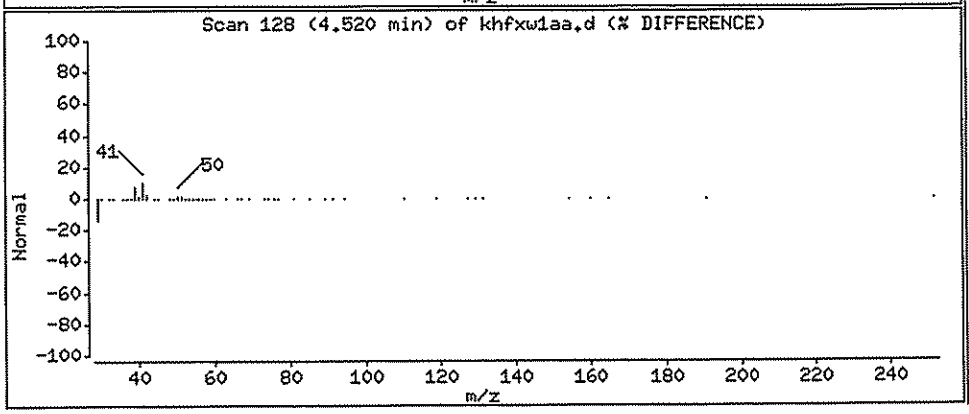












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

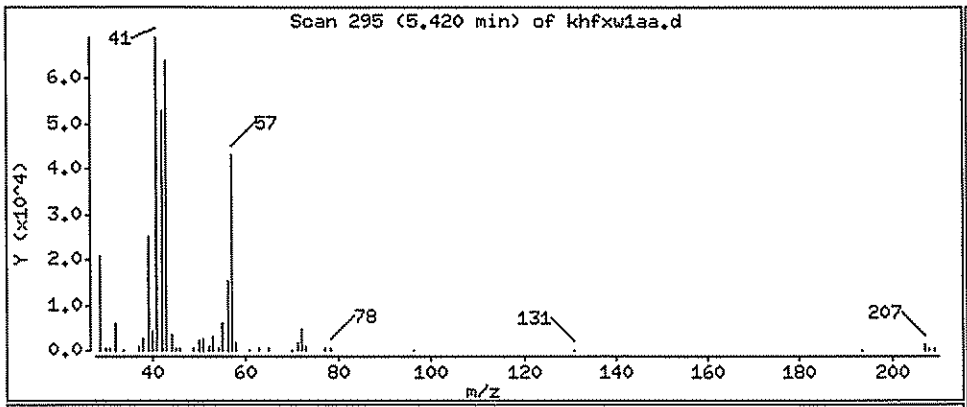
Operator: 3386

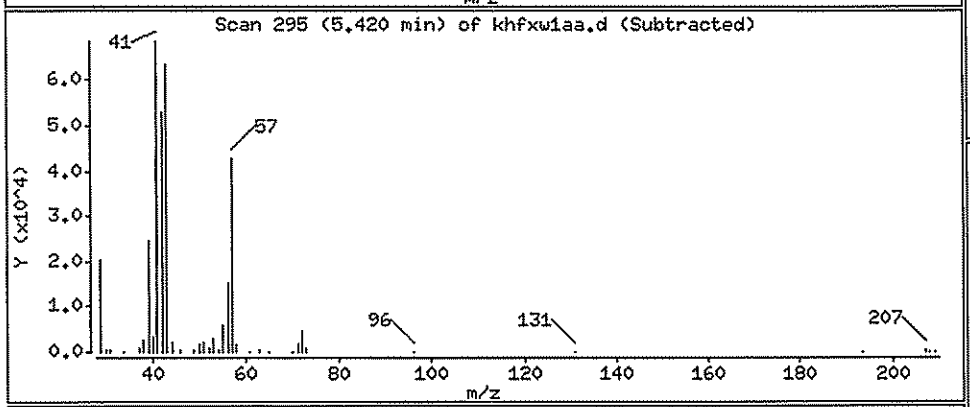
Column phase: RTX-5

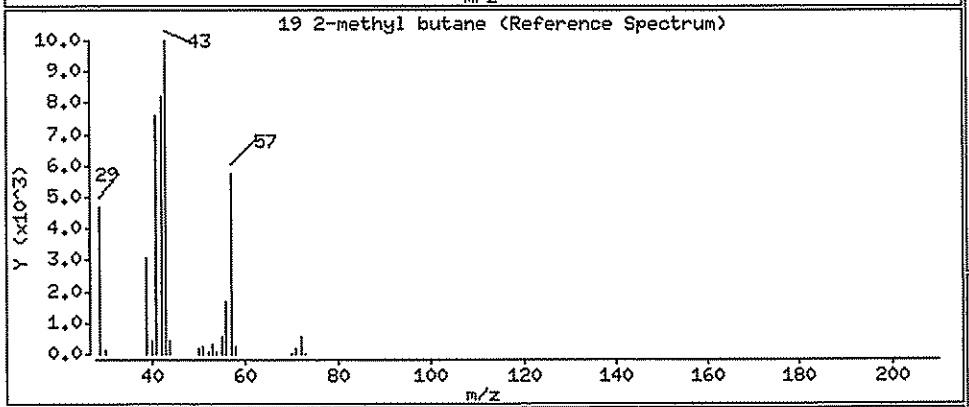
Column diameter: 0.32

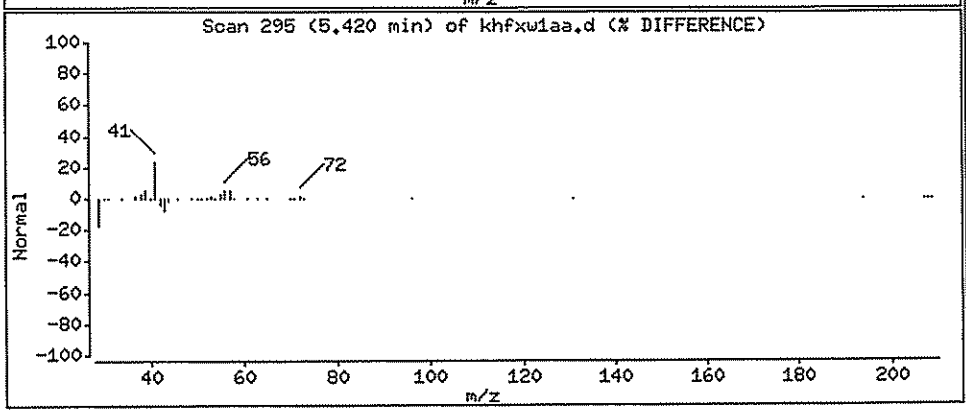
19 2-methyl butane

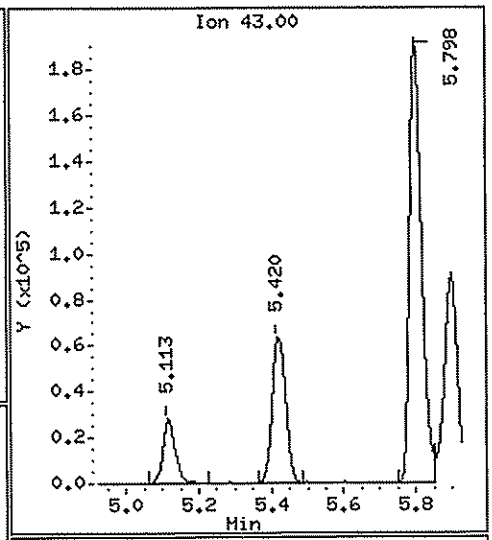
Concentration: 1.828 ppb(v/v)

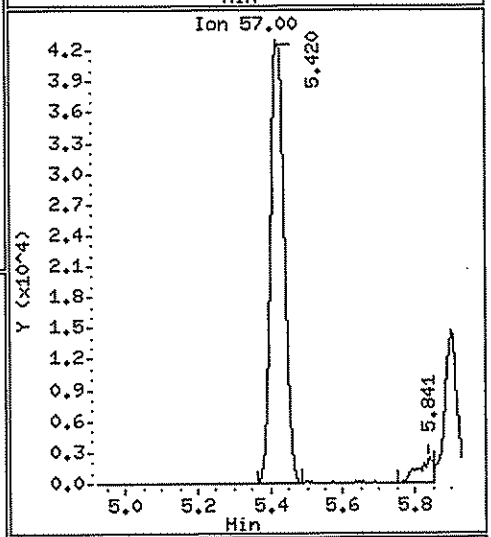


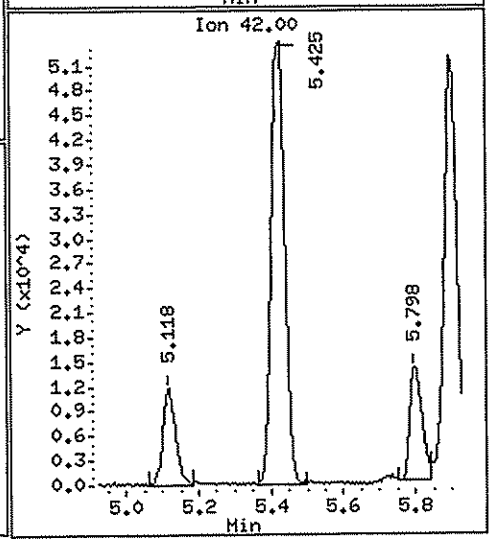












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

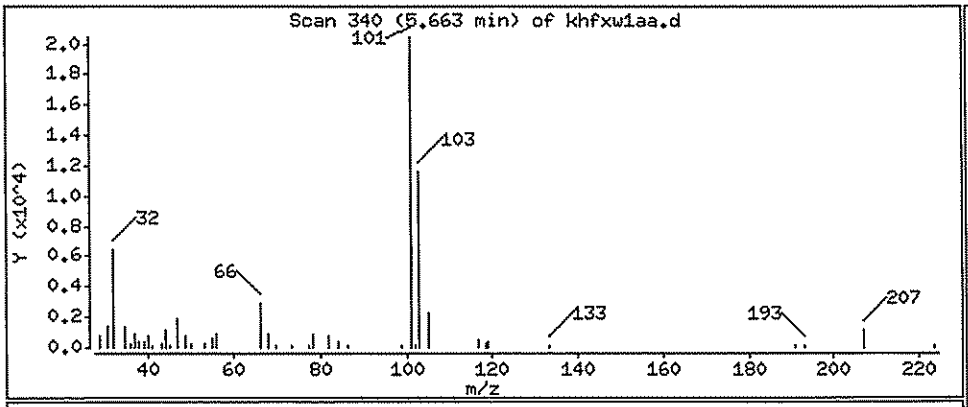
Operator: 3386

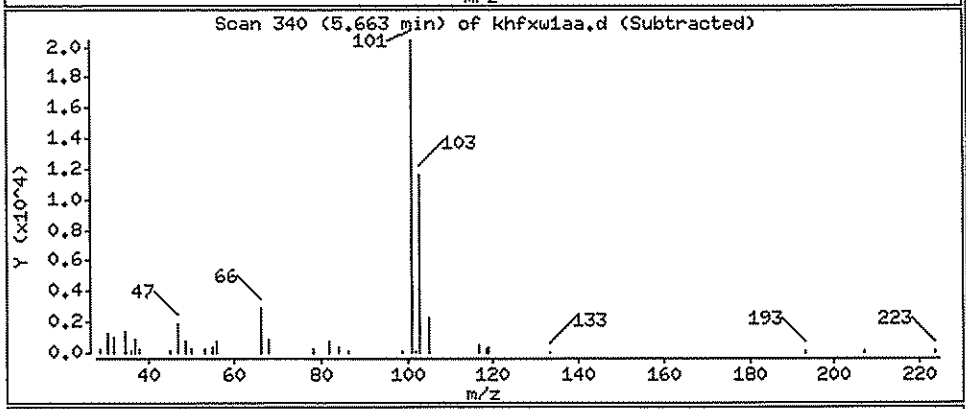
Column phase: RTX-5

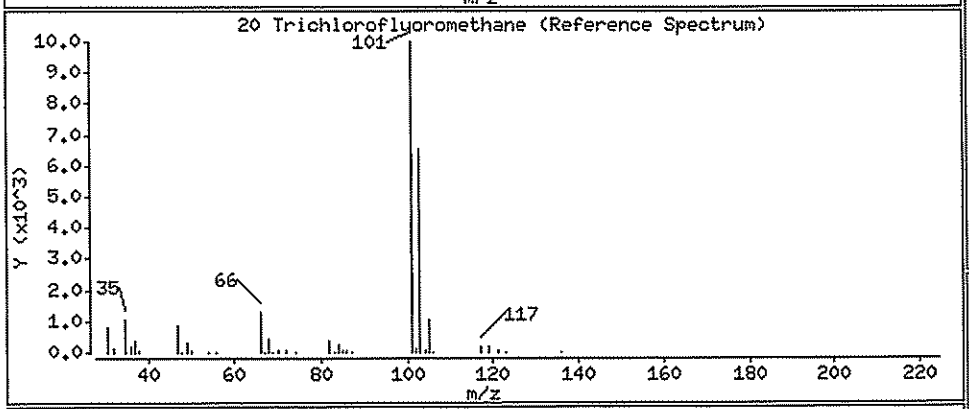
Column diameter: 0.32

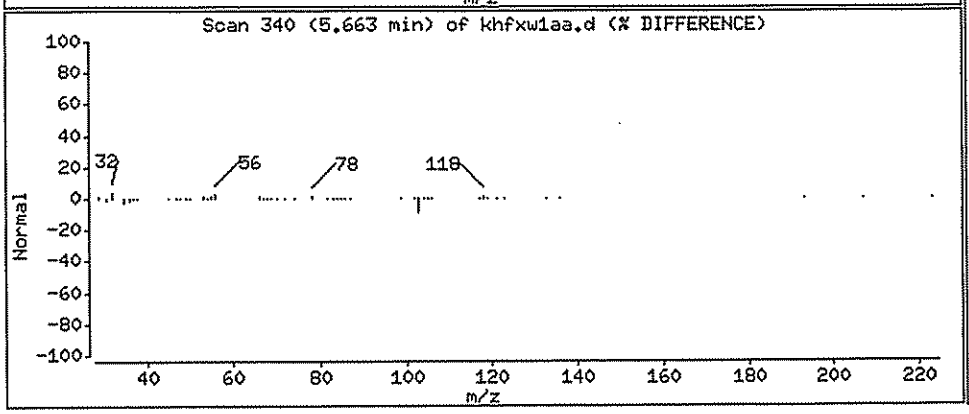
20 Trichlorofluoromethane

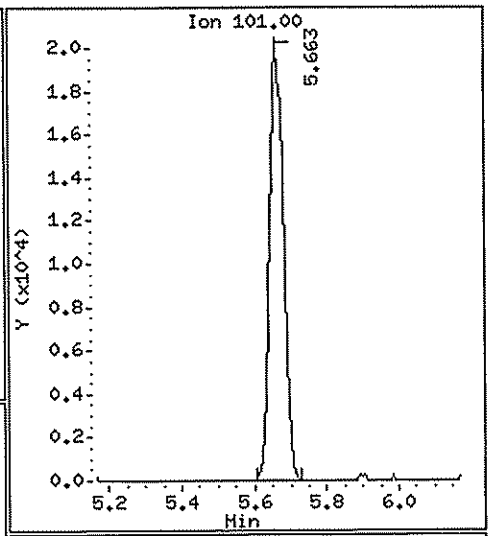
Concentration: 0.2038 ppb(v/v)

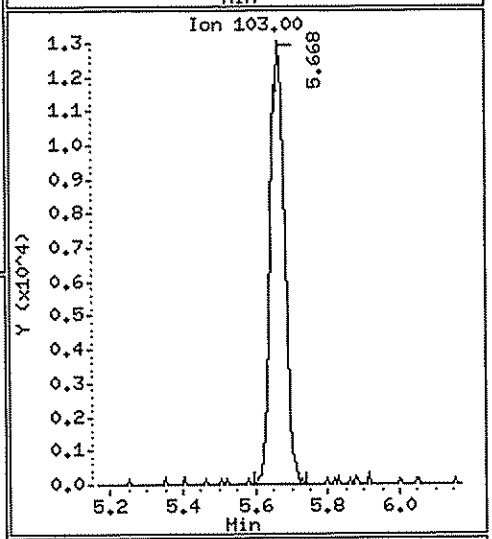


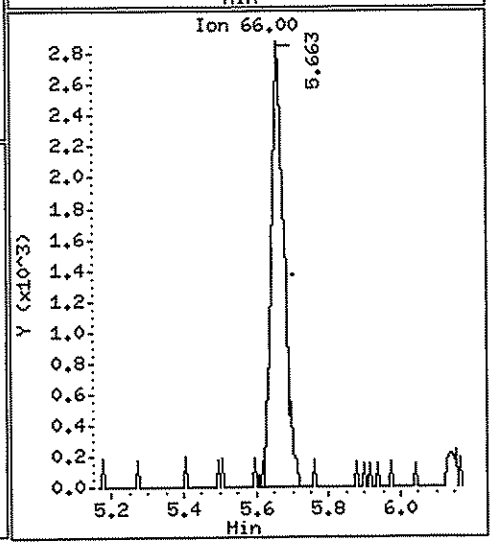












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

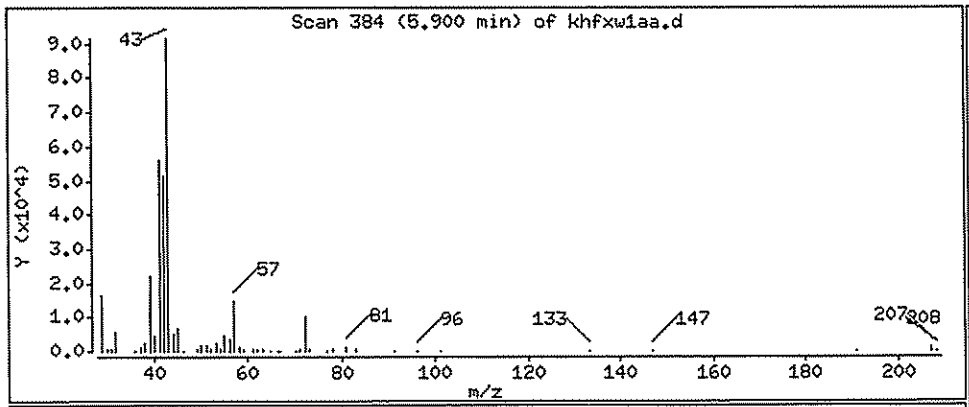
Operator: 3386

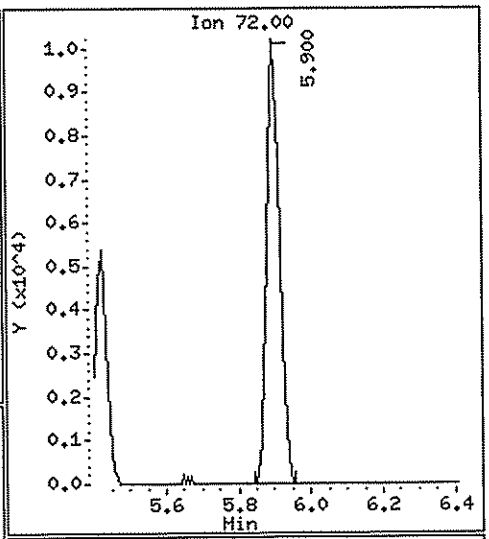
Column phase: RTX-5

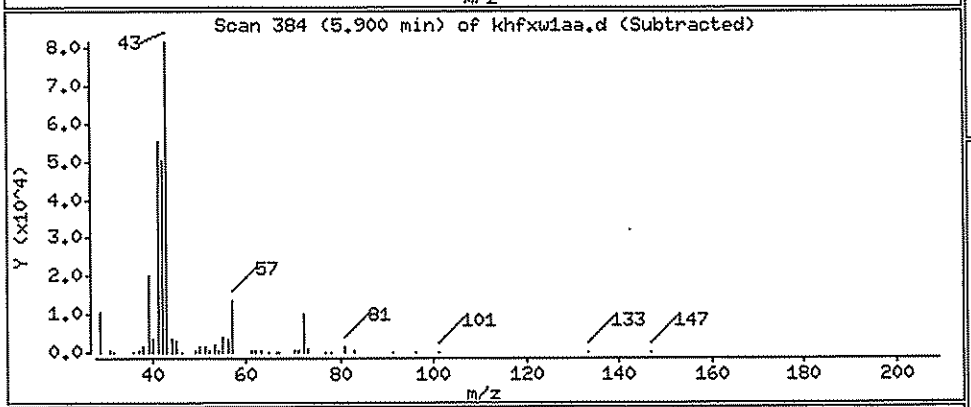
Column diameter: 0.32

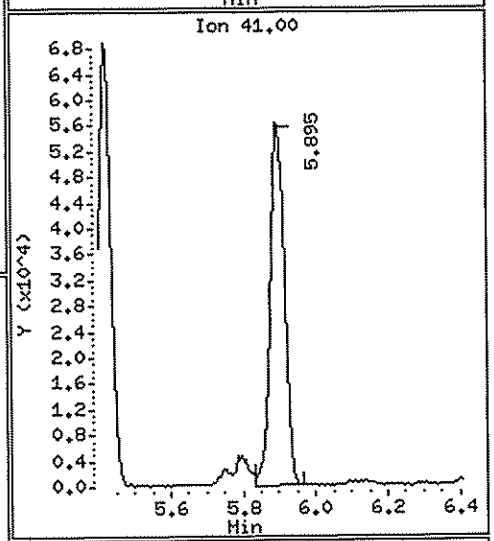
24 Pentane

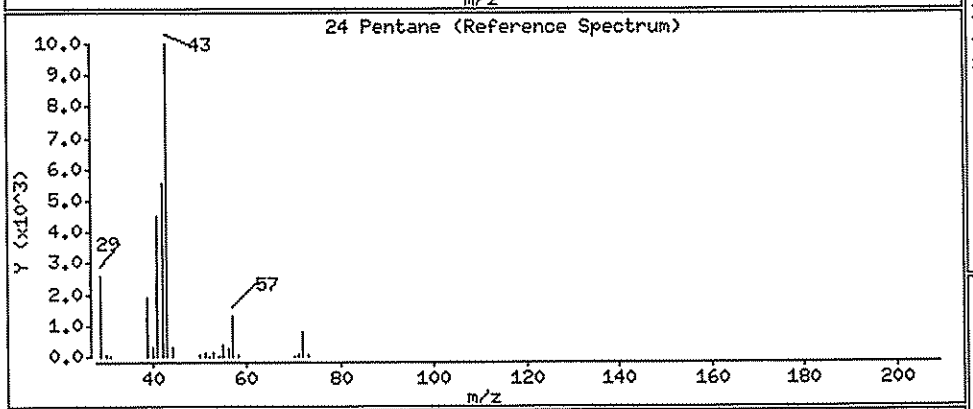
Concentration: 1.704 ppb(v/v)

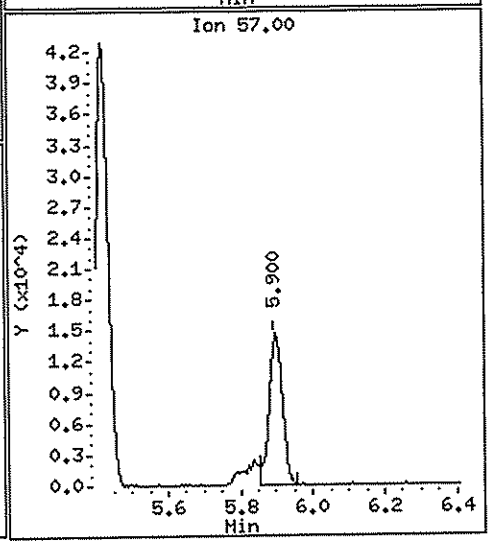


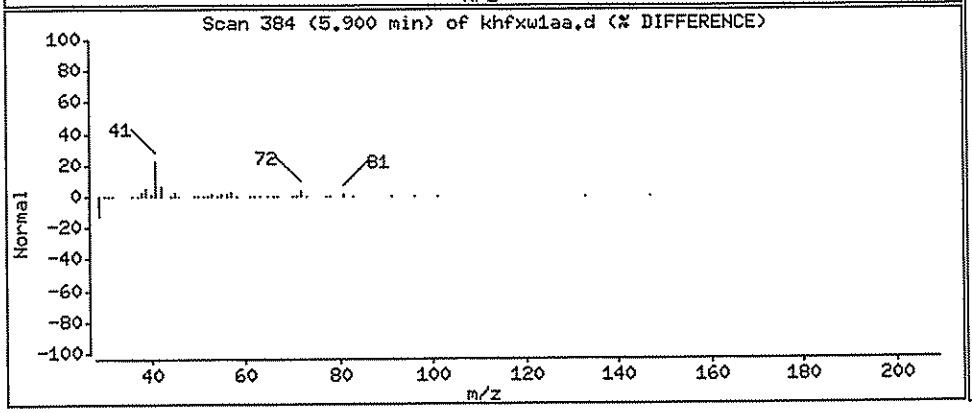












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

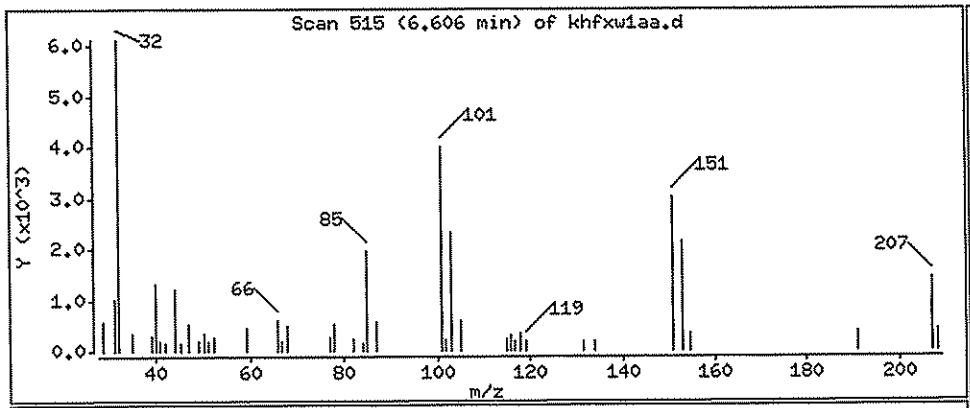
Operator: 3386

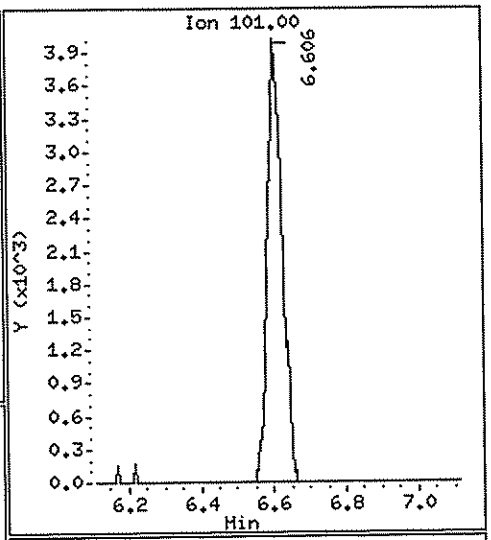
Column phase: RTX-5

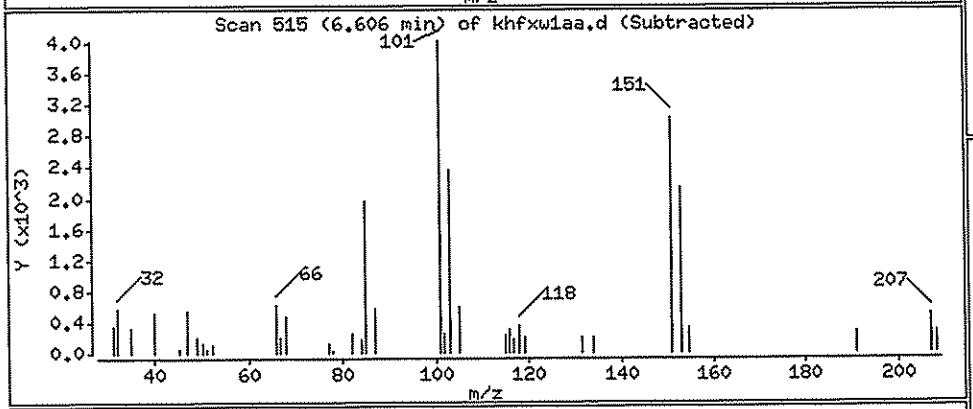
Column diameter: 0.32

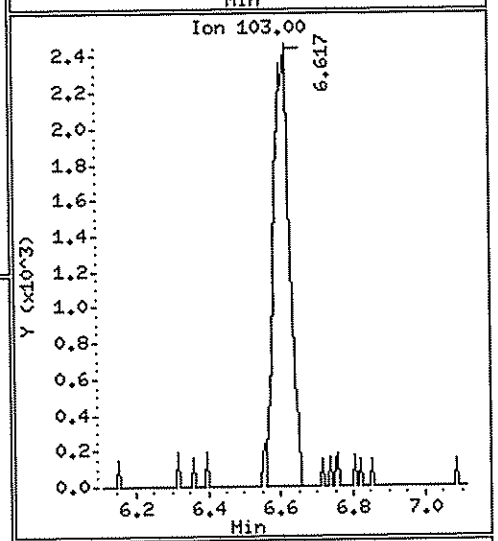
30 1,1,2-Trichlorotrifluoroethane

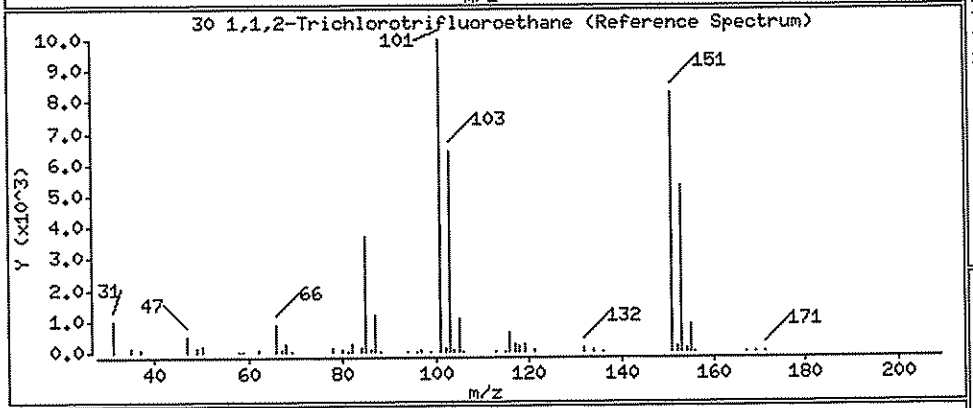
Concentration: 0.06872 ppb(v/v)

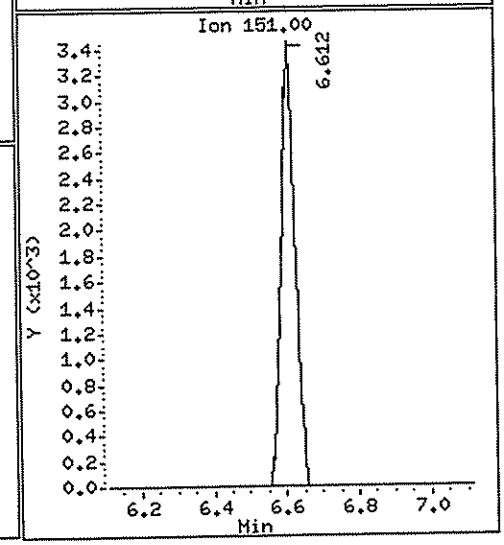


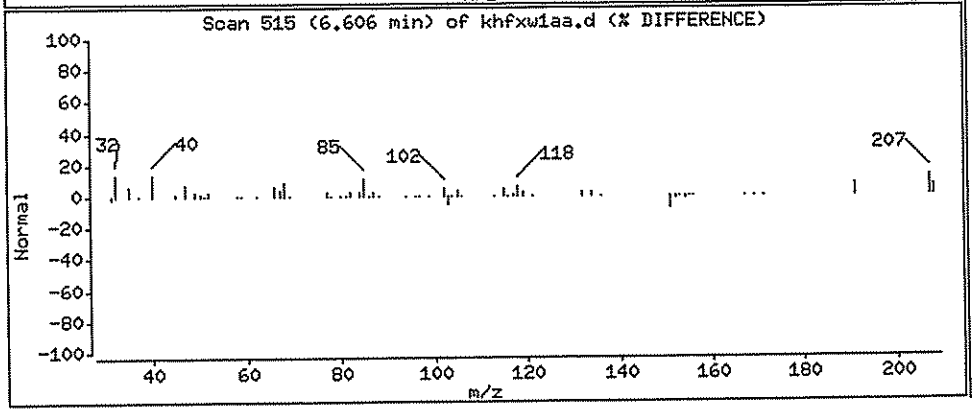












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

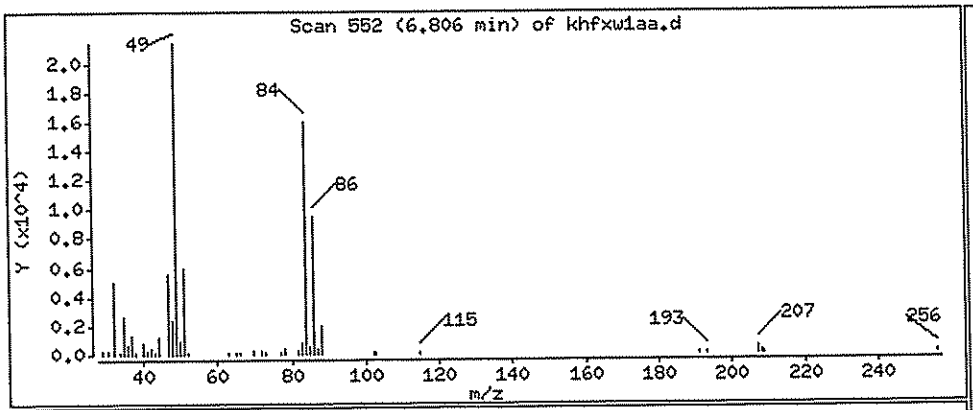
Operator: 3386

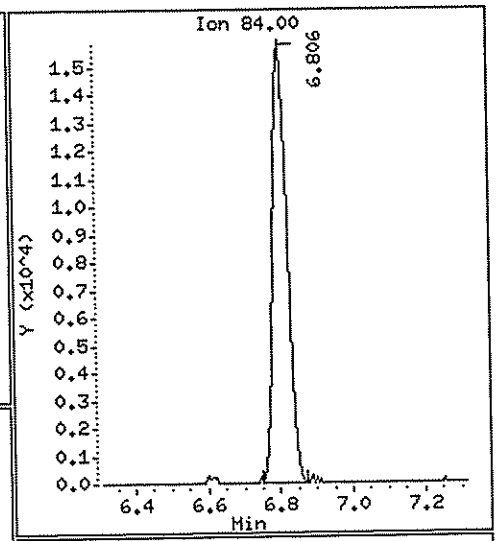
Column phase: RTX-5

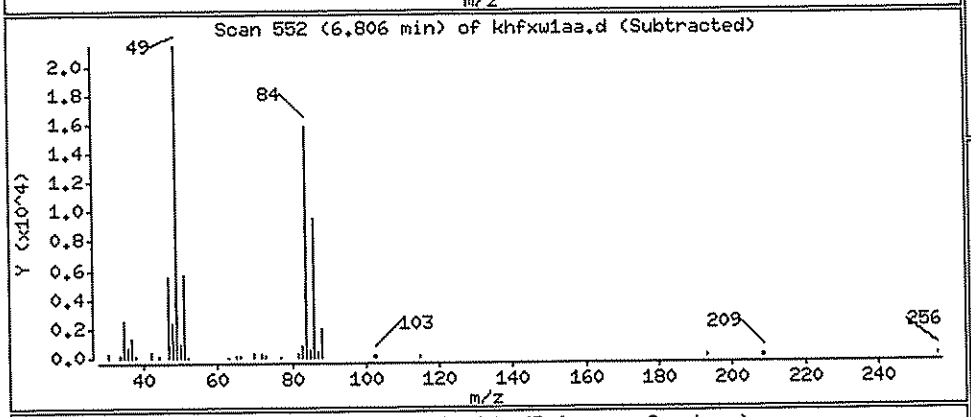
Column diameter: 0.32

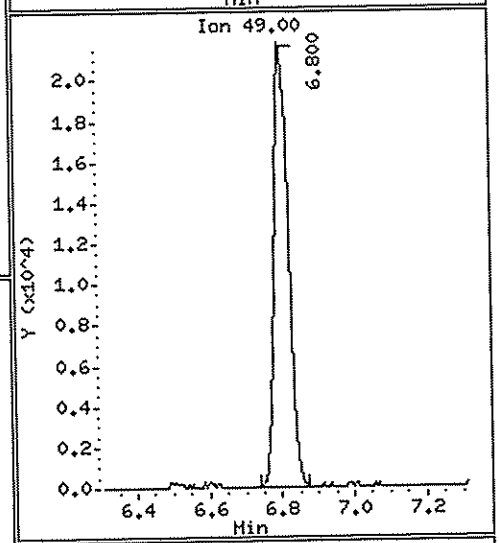
31 Methylene Chloride

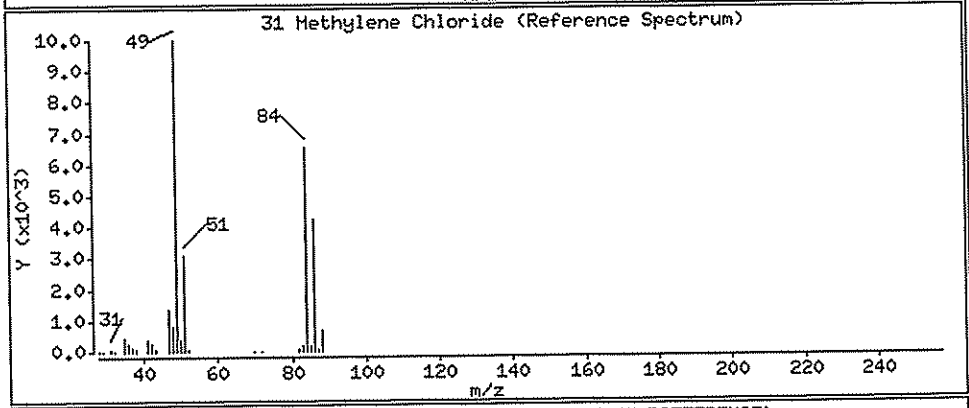
Concentration: 0.6275 ppb(v/v)

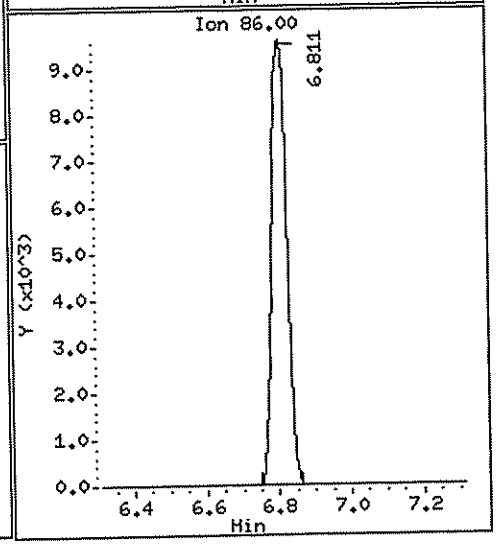


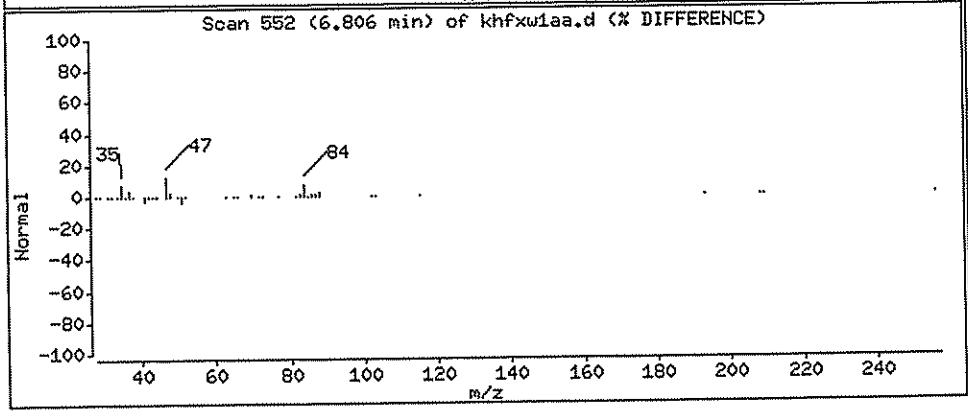












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

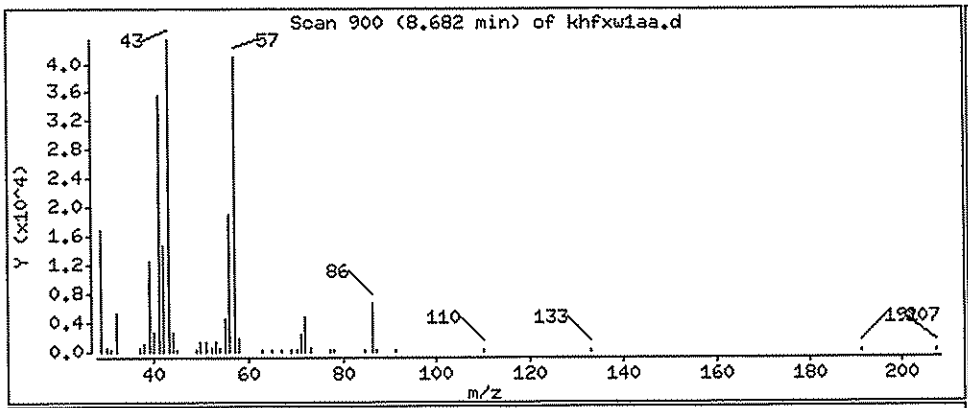
Operator: 3386

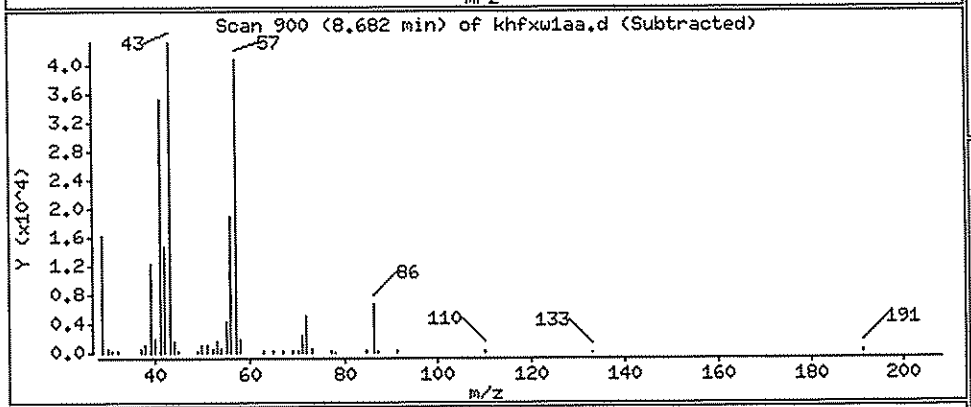
Column phase: RTX-5

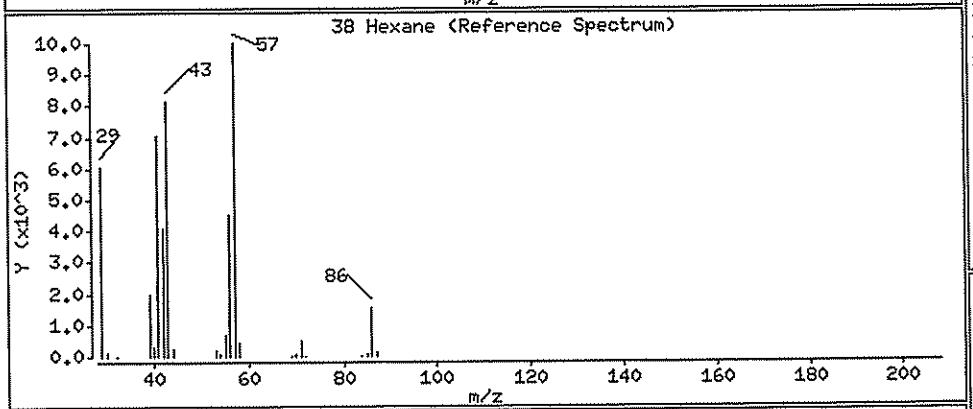
Column diameter: 0.32

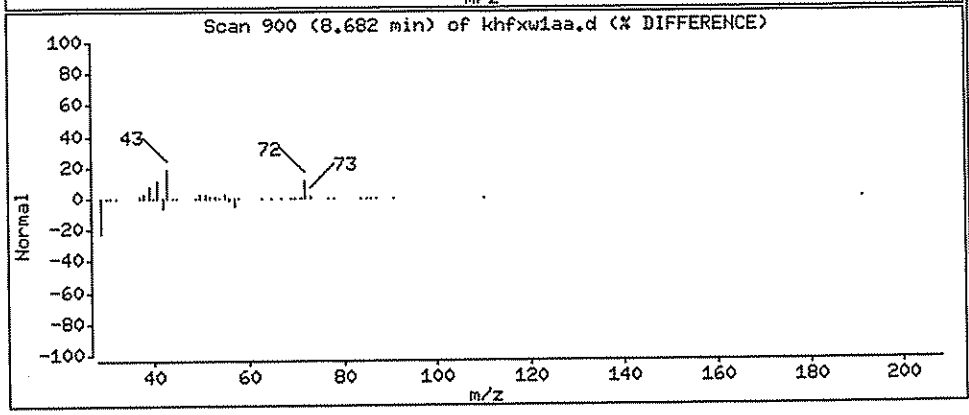
38 Hexane

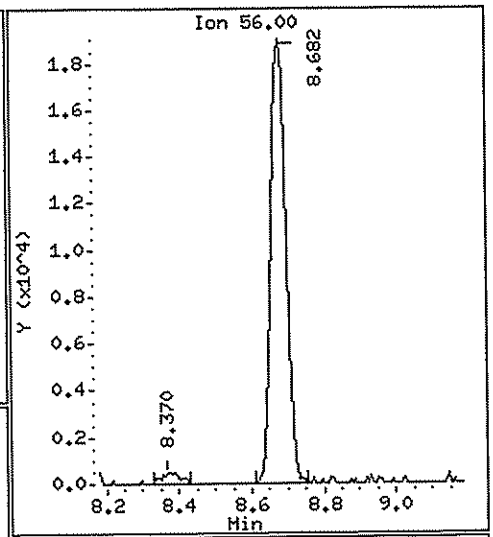
Concentration: 0.8446 ppb(v/v)

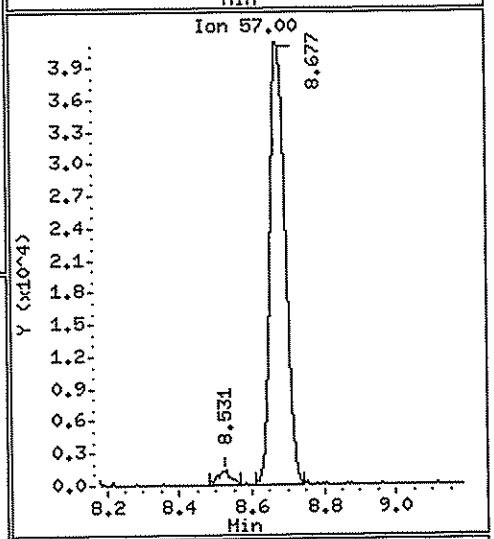


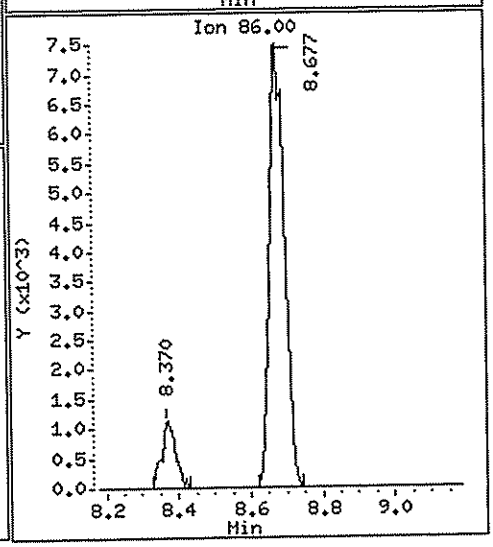












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

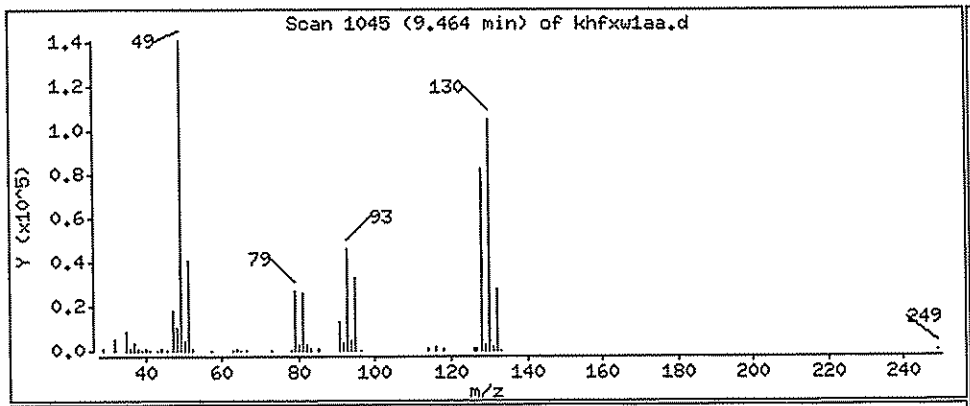
Operator: 3386

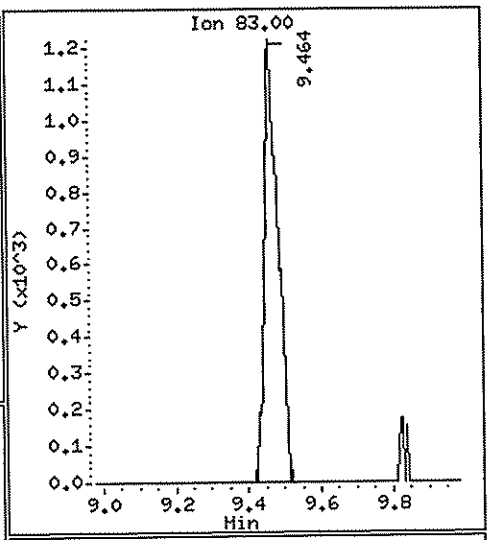
Column phase: RTX-5

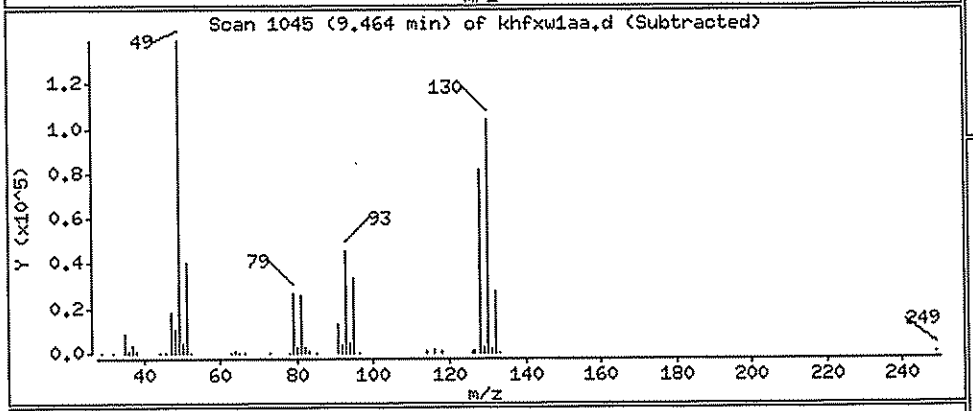
Column diameter: 0.32

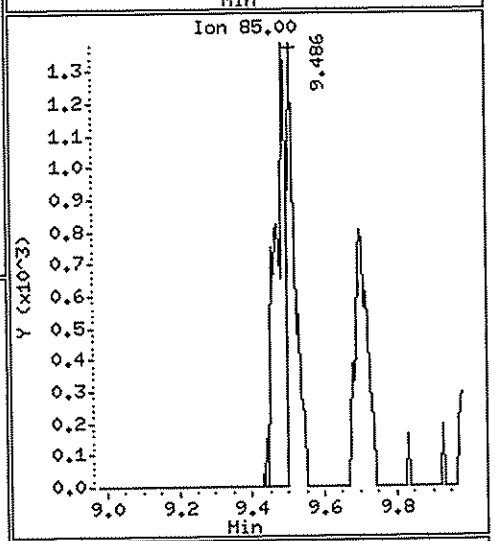
42 Chloroform

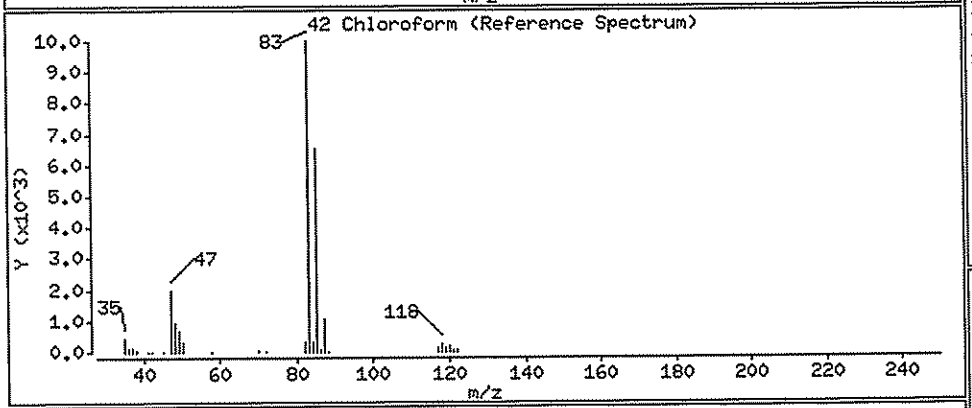
Concentration: 0.01785 ppb(v/v)

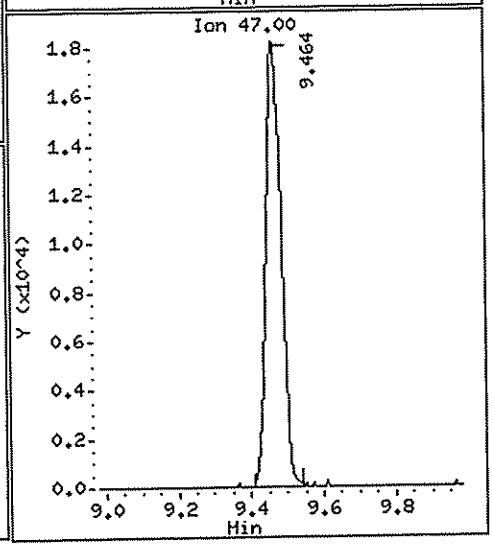


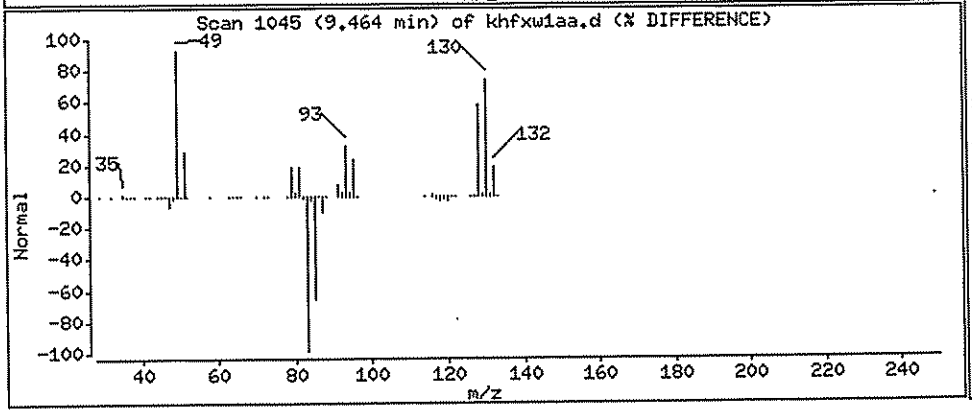












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

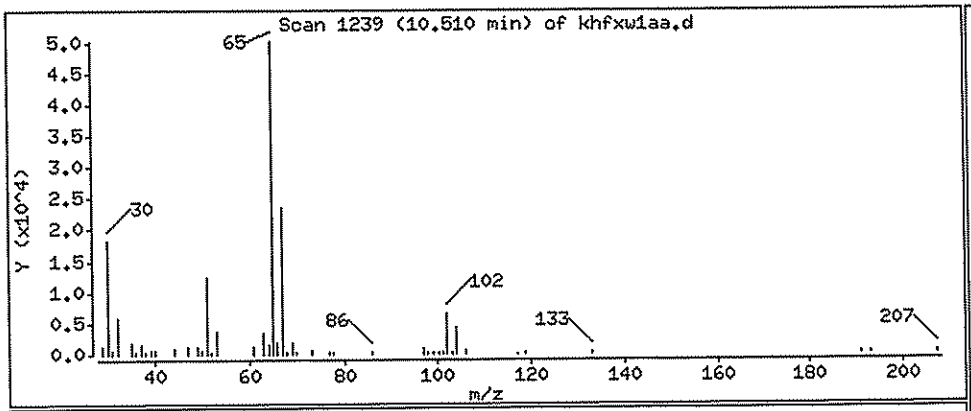
Operator: 3386

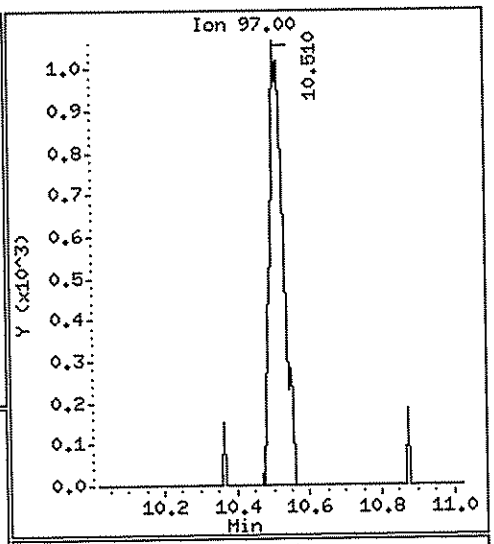
Column phase: RTX-5

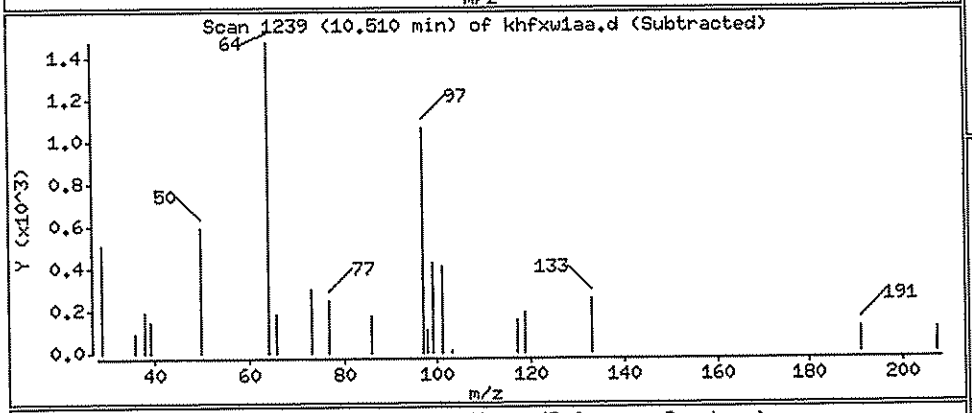
Column diameter: 0.32

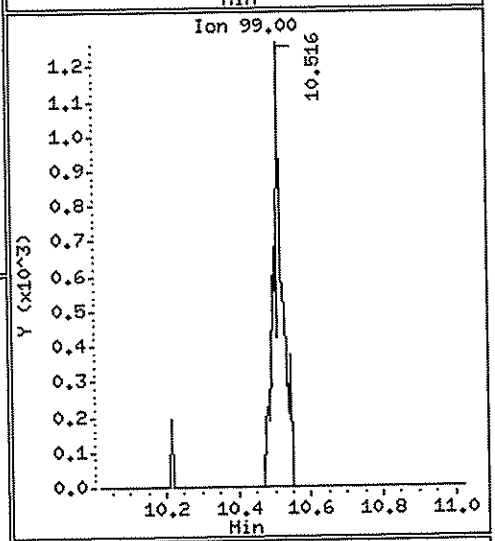
44 1,1,1-Trichloroethane

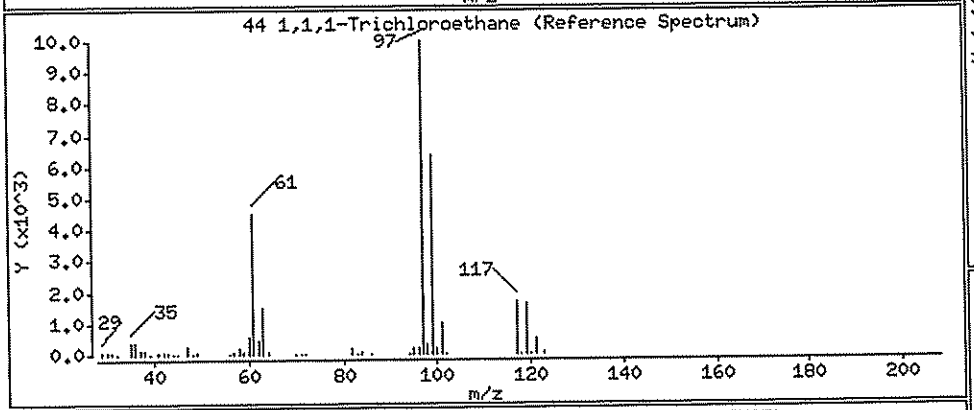
Concentration: 0.01409 ppb(v/v)

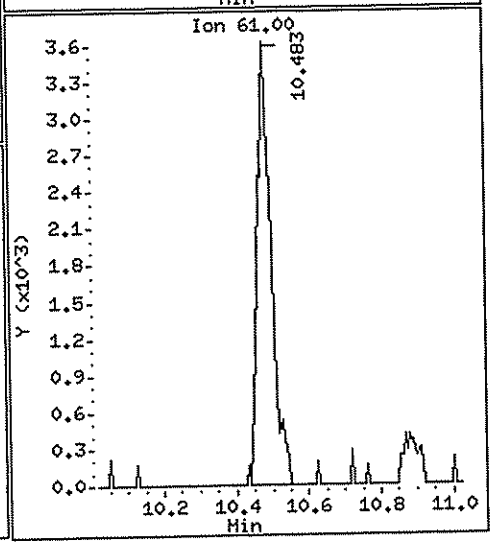


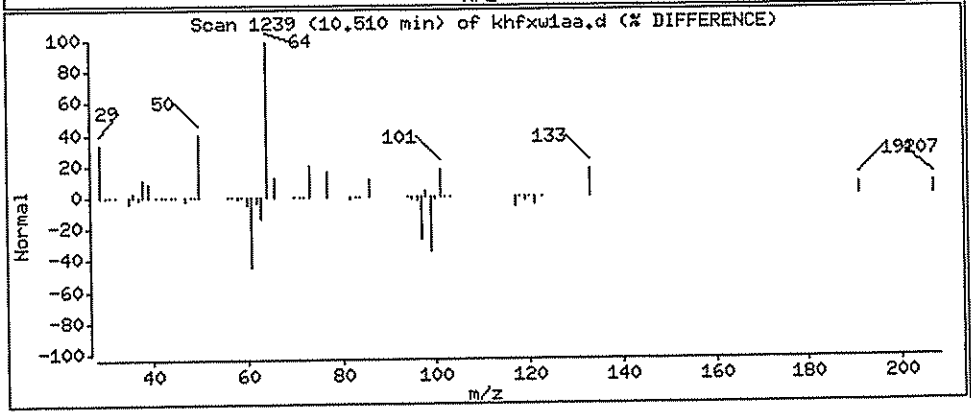












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

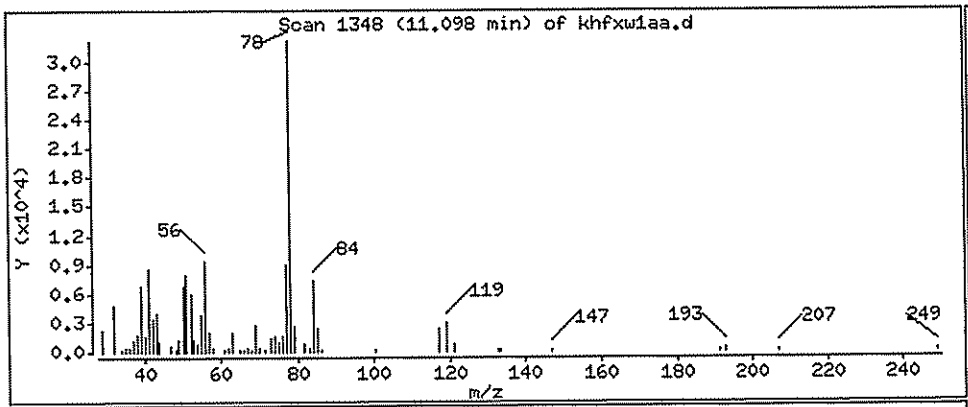
Operator: 3386

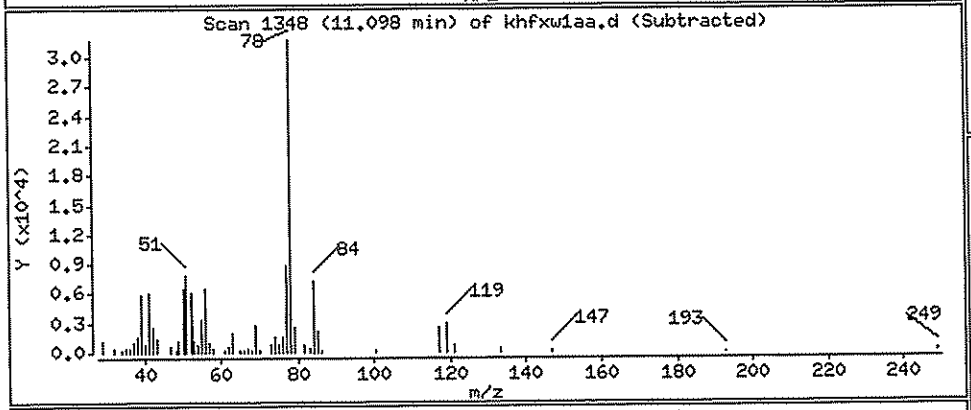
Column phase: RTX-5

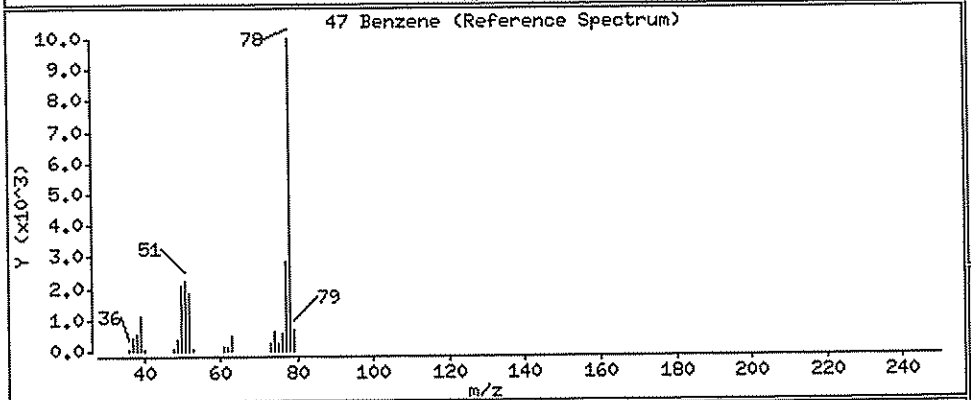
Column diameter: 0.32

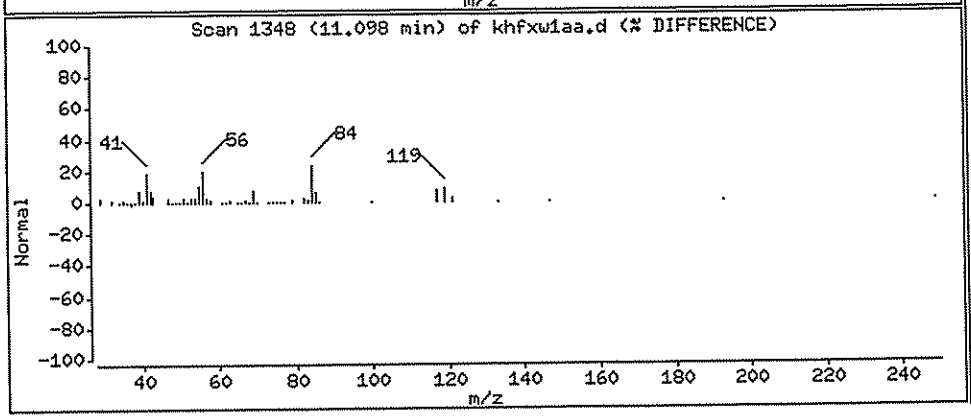
47 Benzene

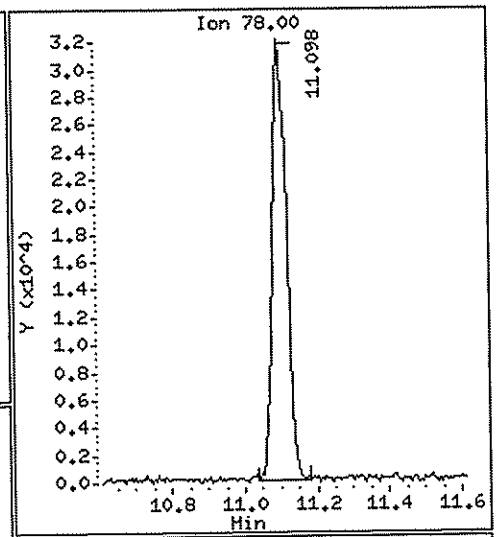
Concentration: 0.3474 ppb(v/v)

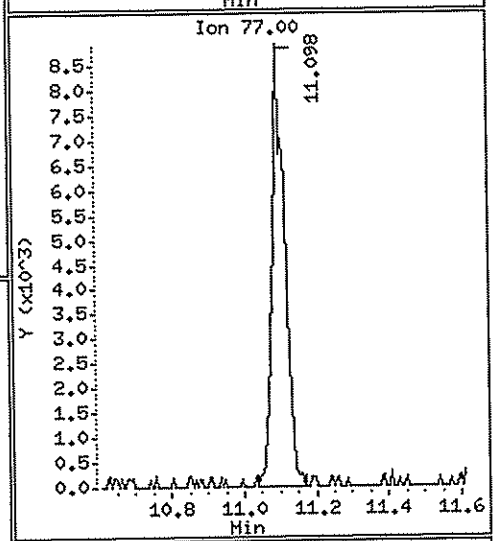


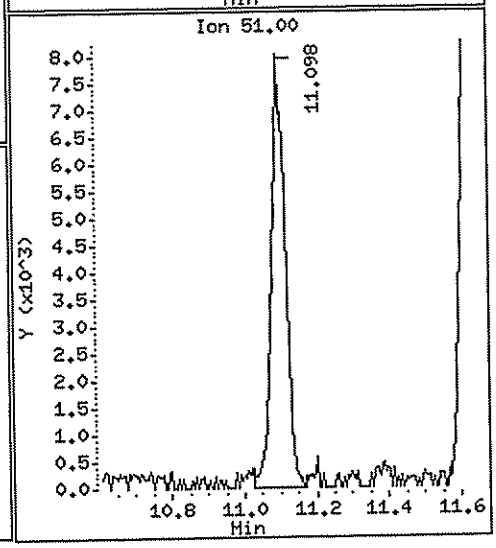












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

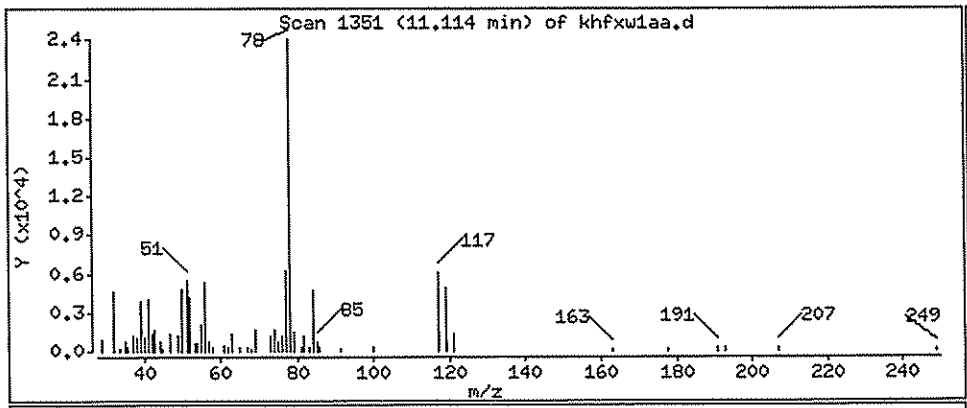
Operator: 3386

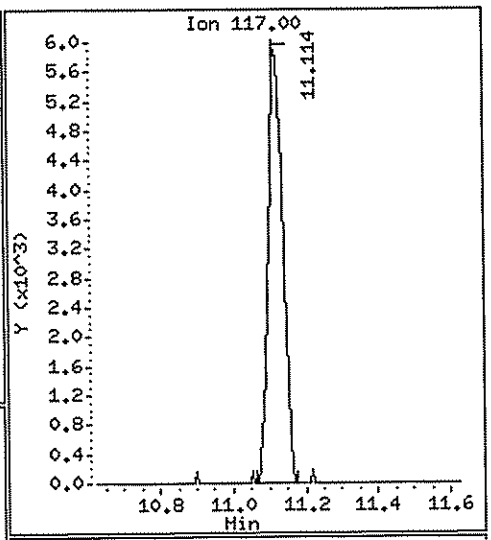
Column phase: RTX-5

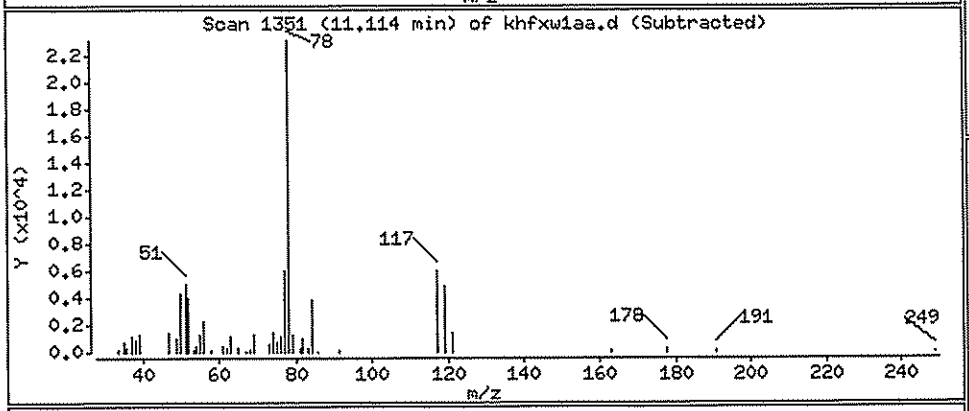
Column diameter: 0.32

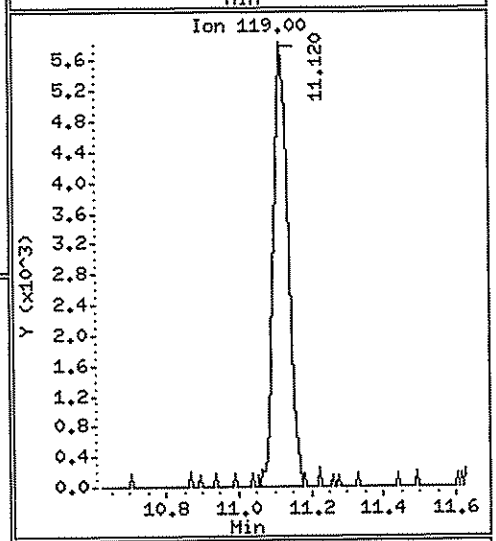
49 Carbon Tetrachloride

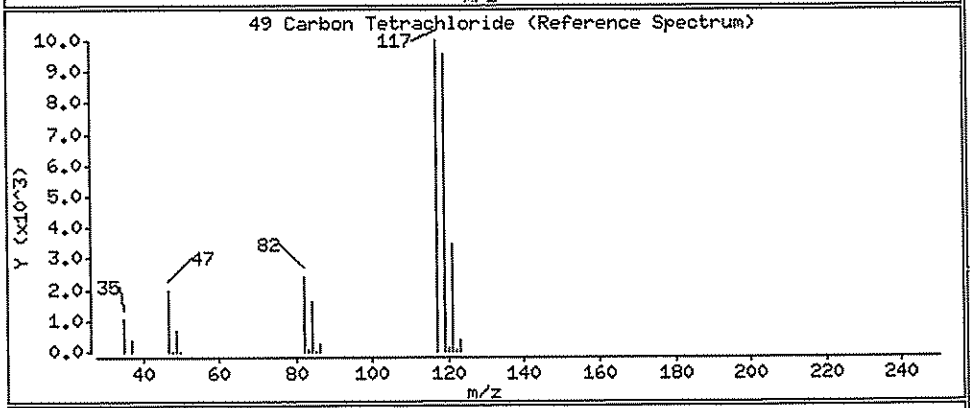
Concentration: 0.07477 ppb(v/v)

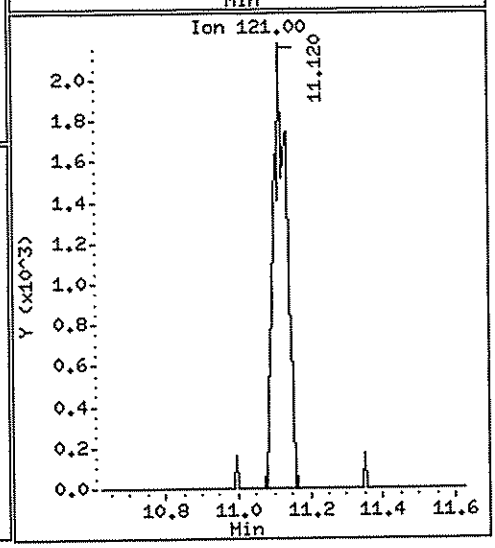


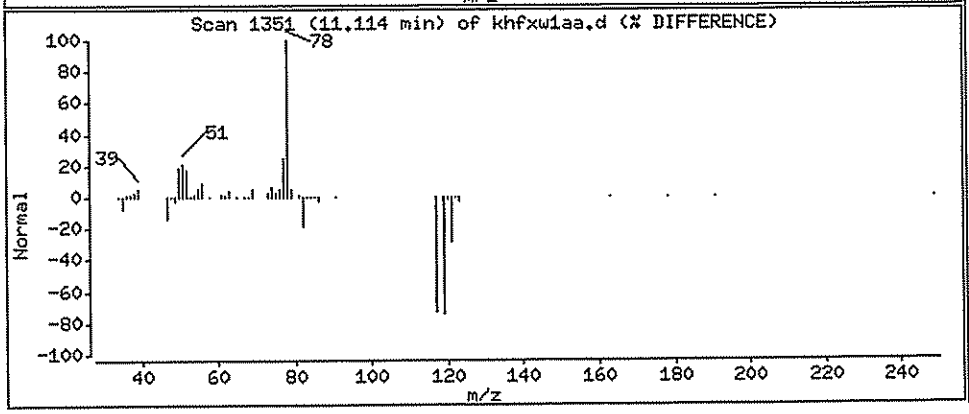












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

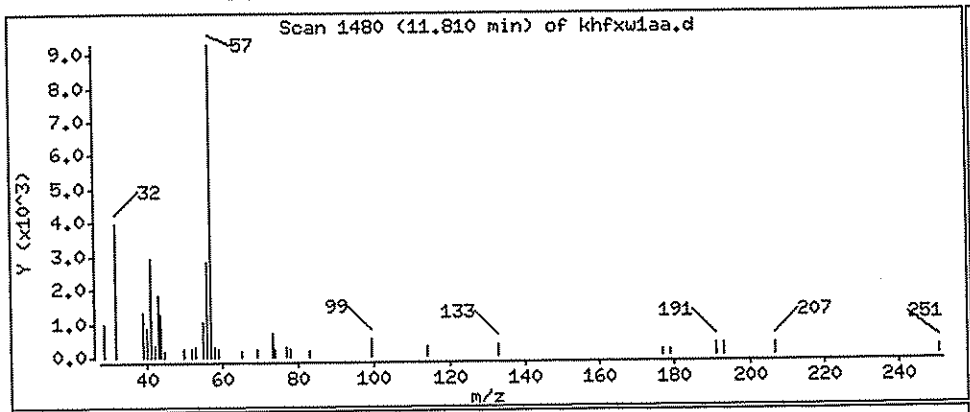
Operator: 3386

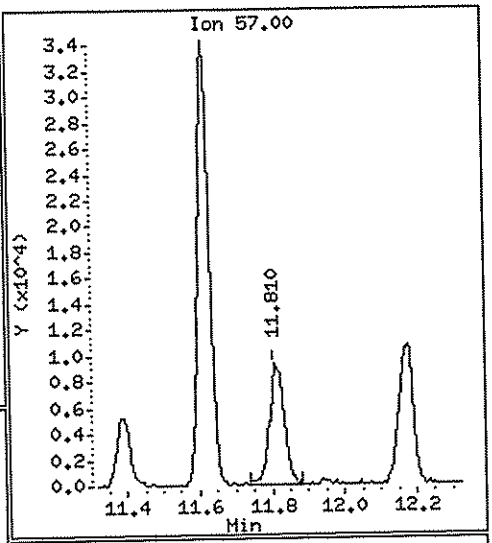
Column phase: RTX-5

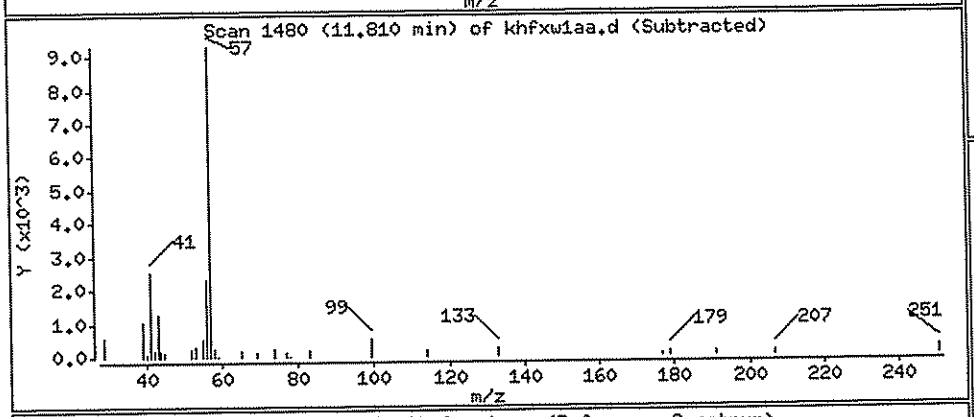
Column diameter: 0.32

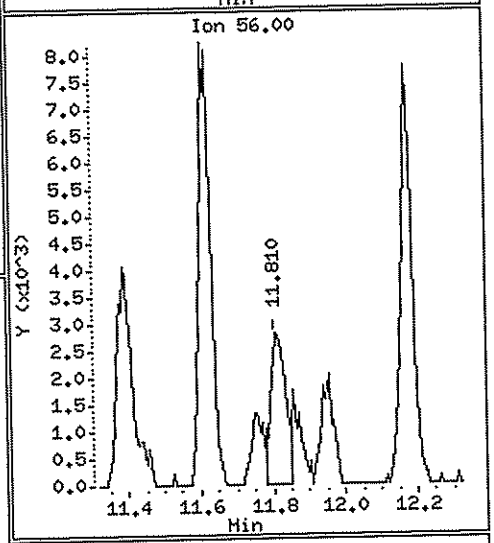
50 2,2,4-trimethylpentane

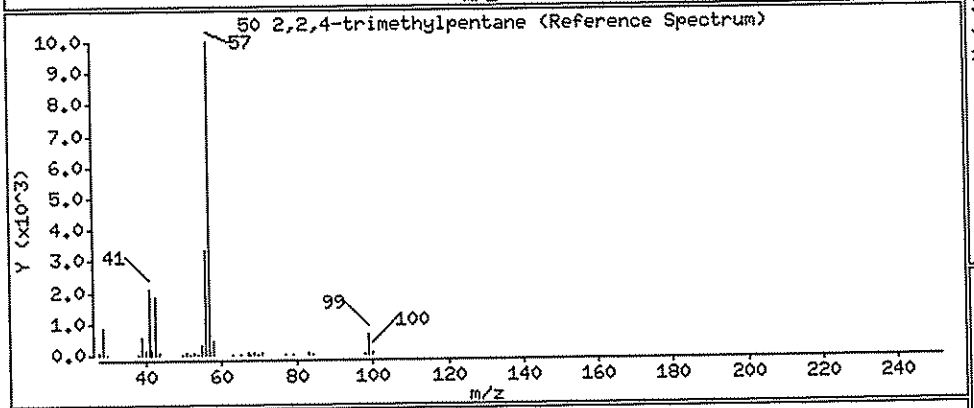
Concentration: 0.06576 ppb(v/v)

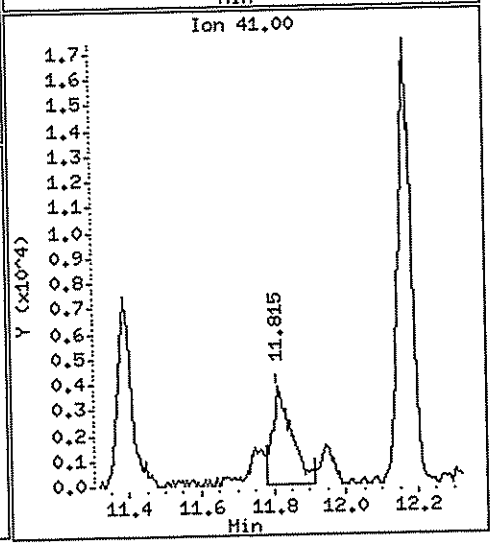


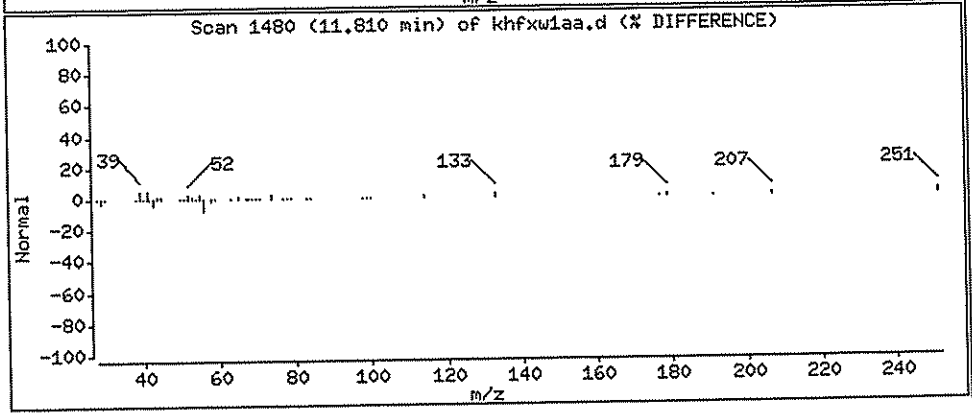












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

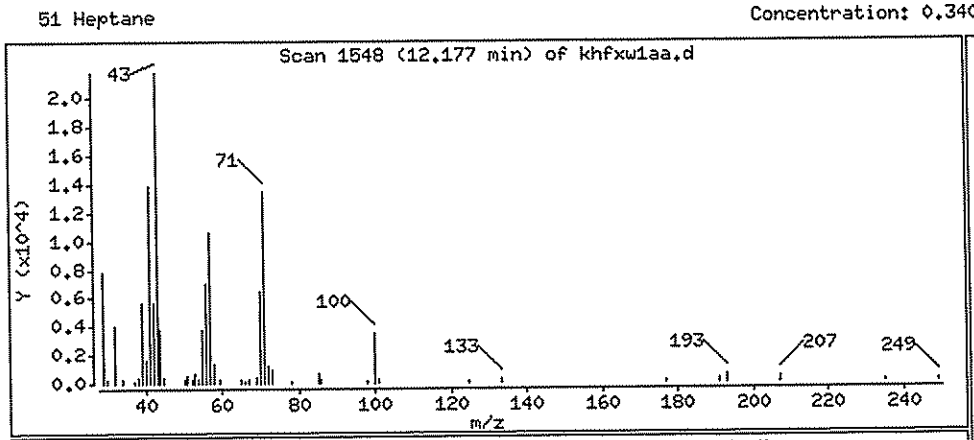
Operator: 3386

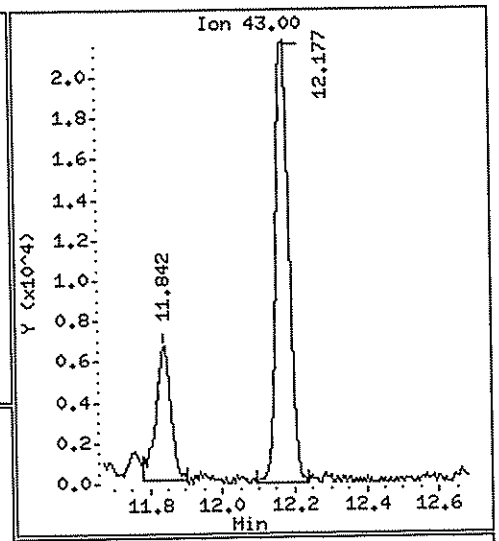
Column phase: RTX-5

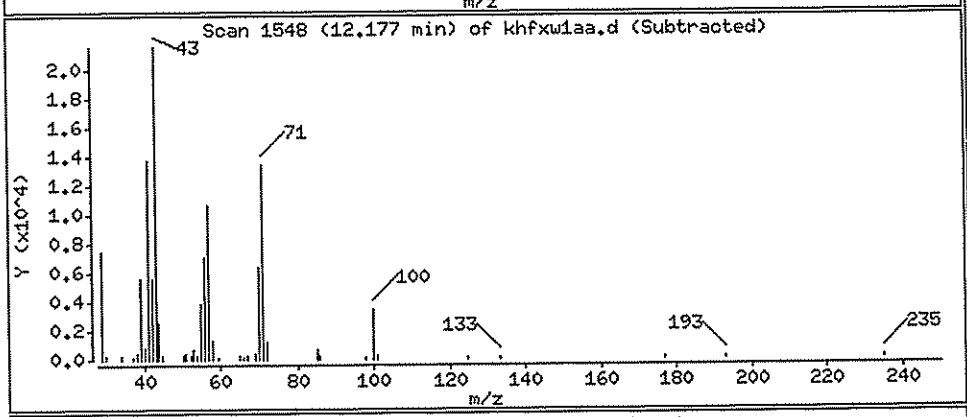
Column diameter: 0.32

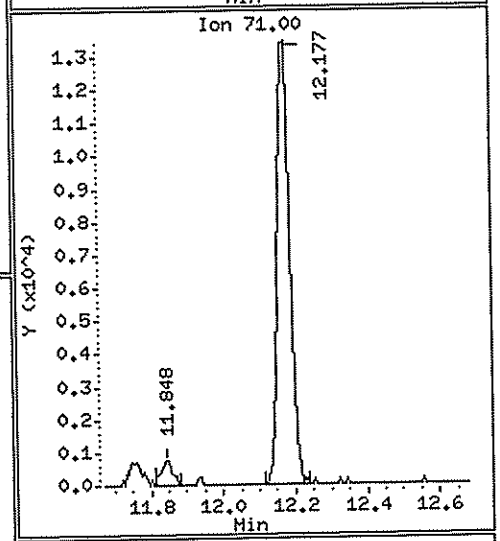
51 Heptane

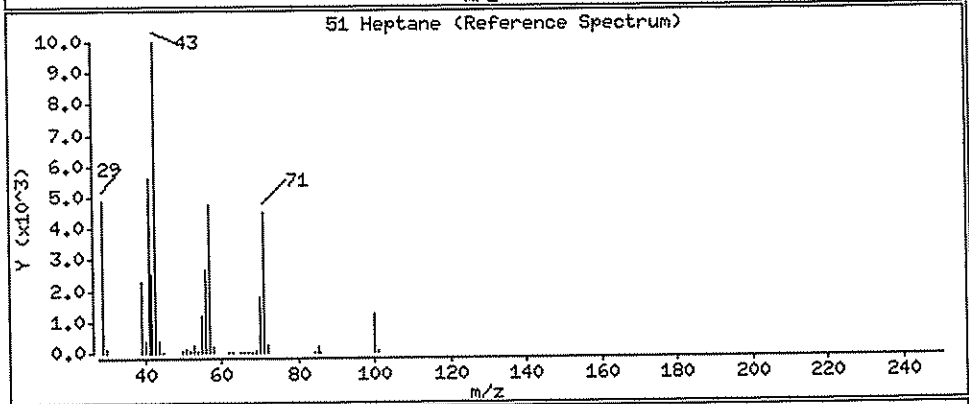
Concentration: 0.3405 ppb(v/v)

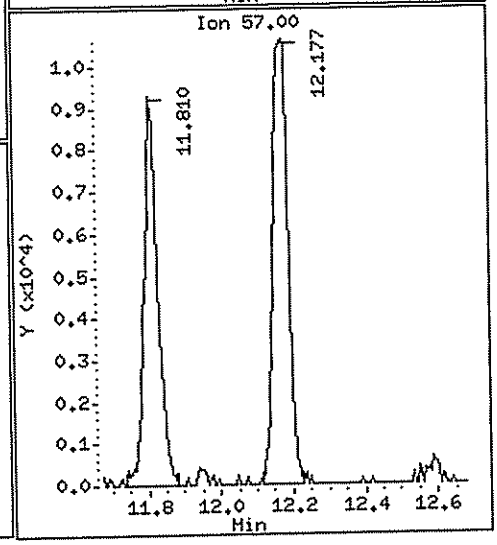


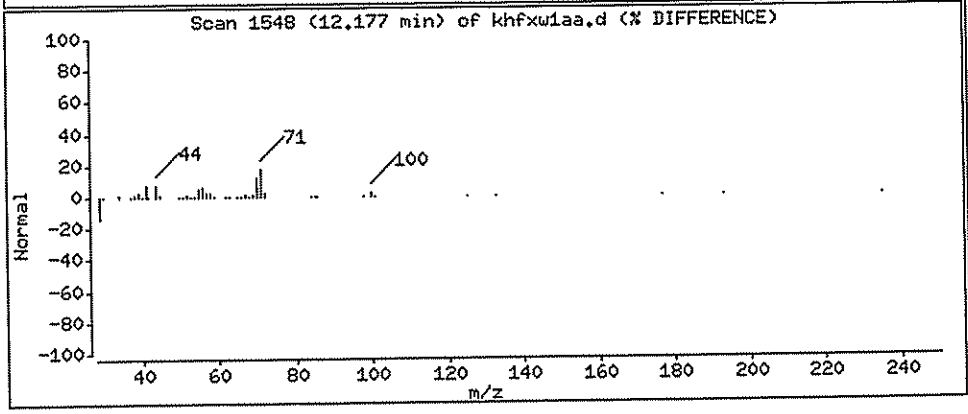












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

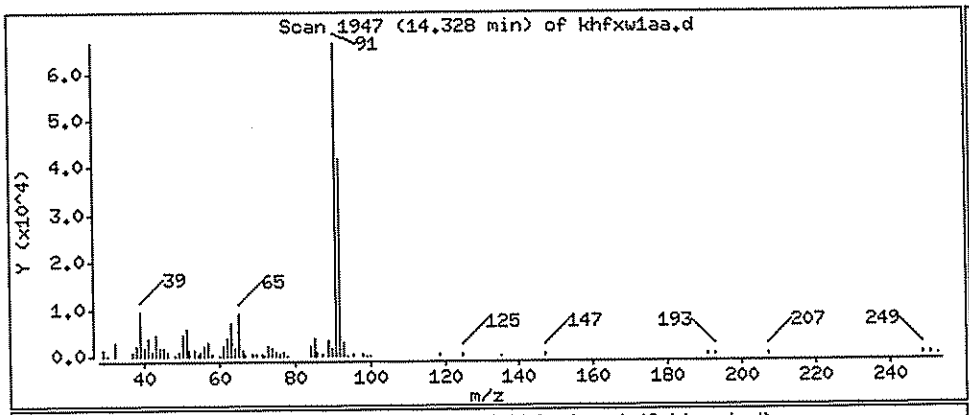
Operator: 3386

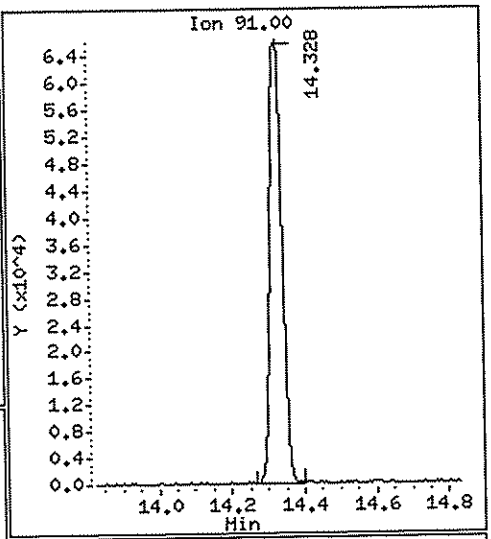
Column phase: RTX-5

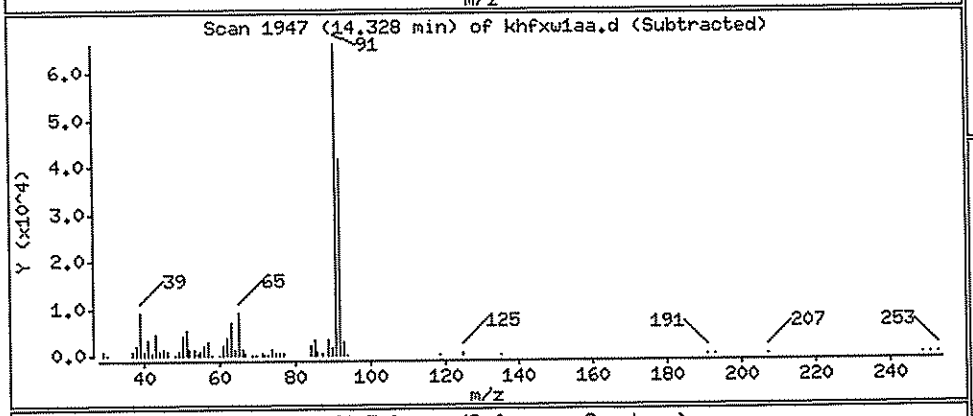
Column diameter: 0.32

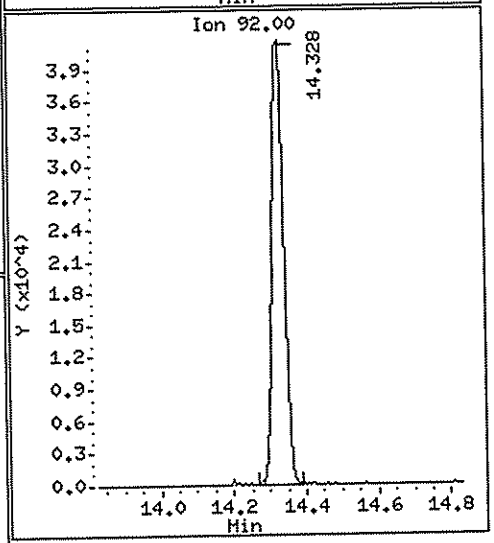
61 Toluene

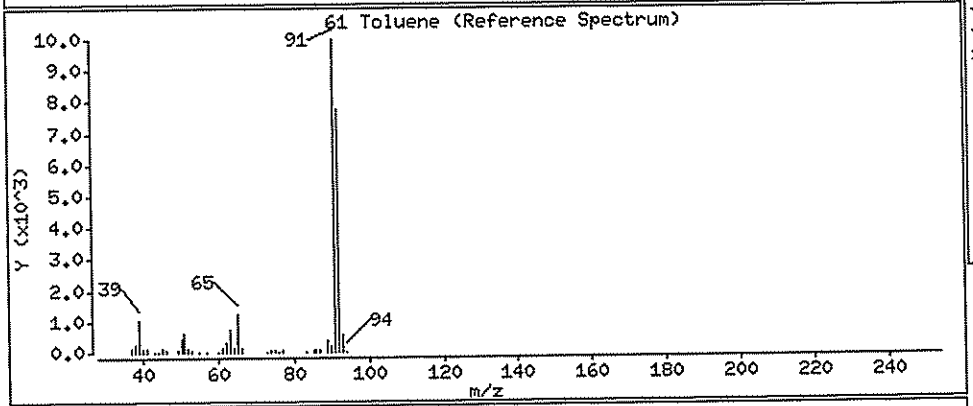
Concentration: 0.5634 ppb(v/v)

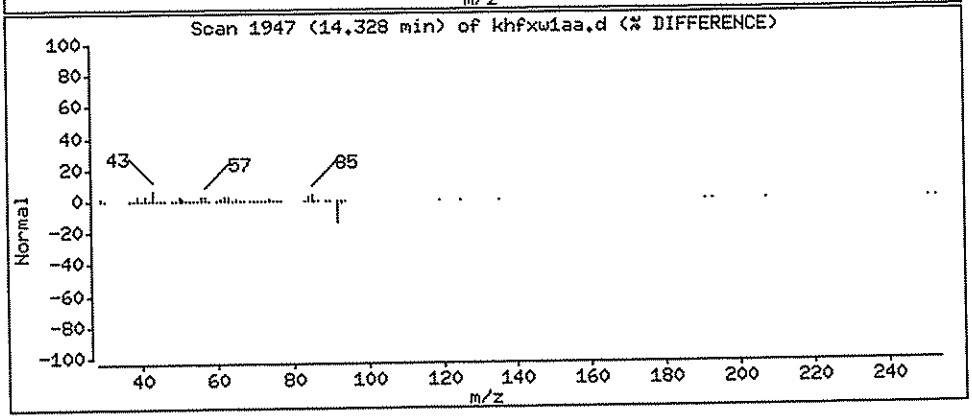












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

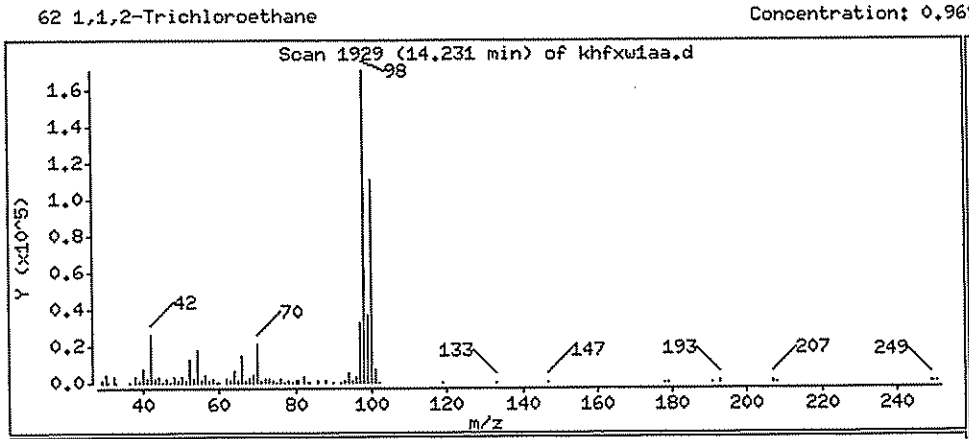
Operator: 3386

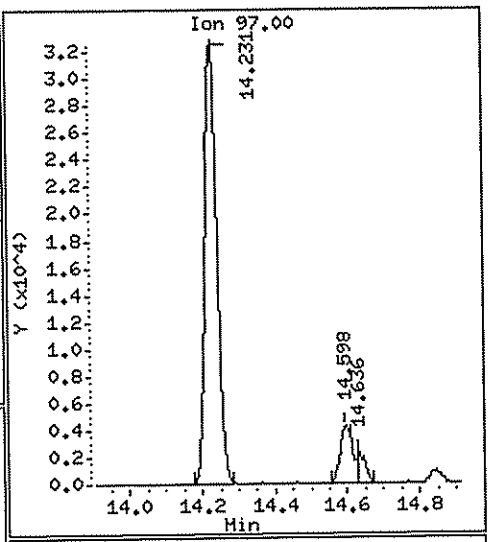
Column phase: RTX-5

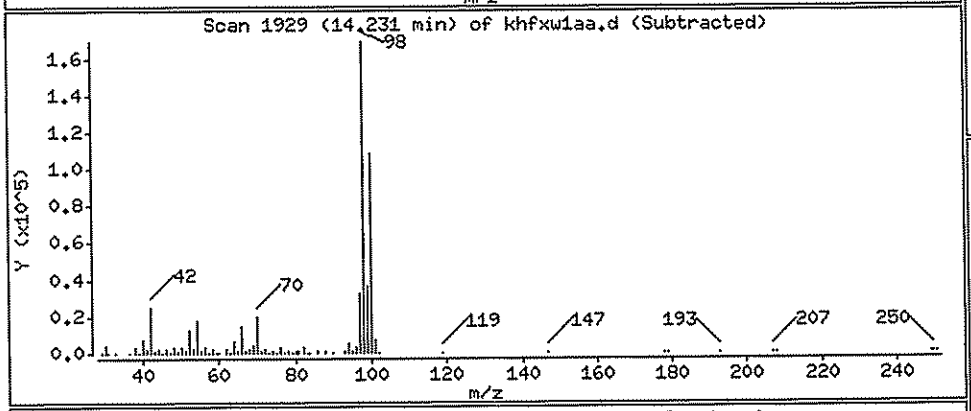
Column diameter: 0.32

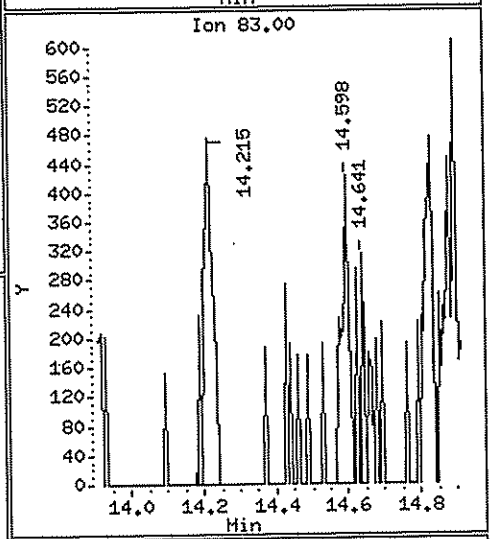
62 1,1,2-Trichloroethane

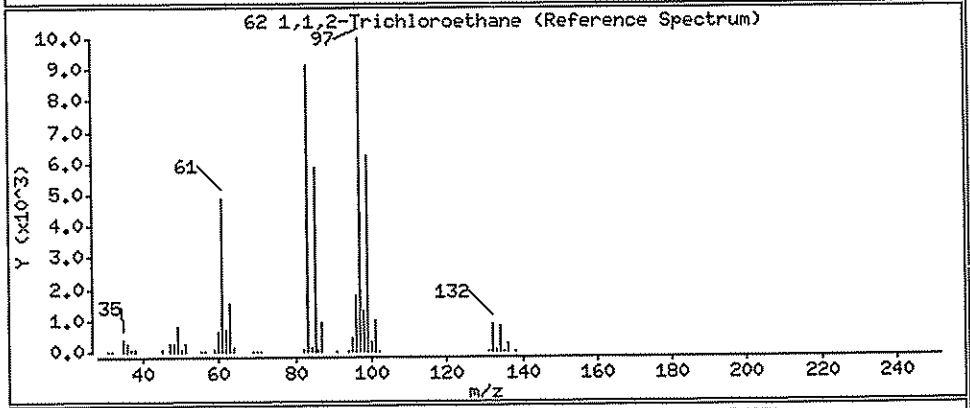
Concentration: 0.9696 ppb(v/v)

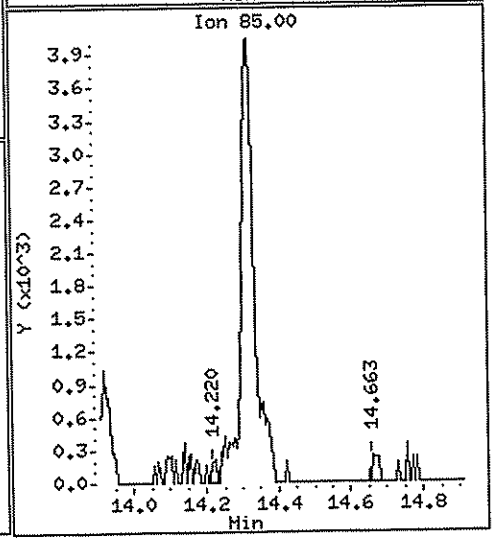


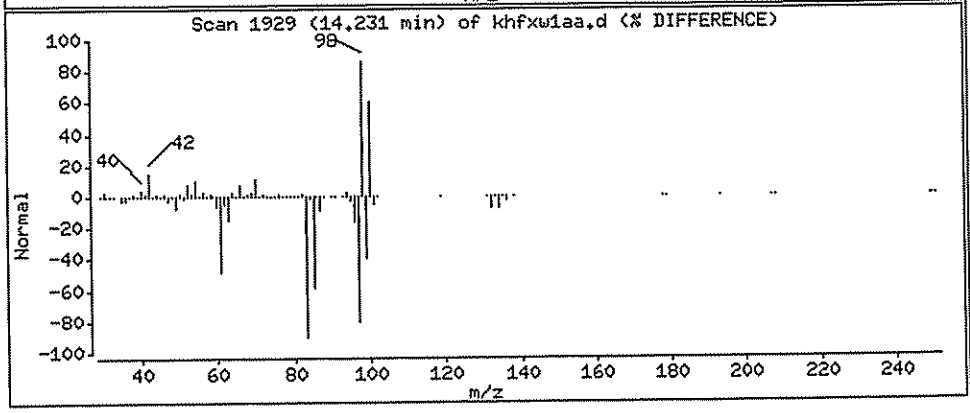












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

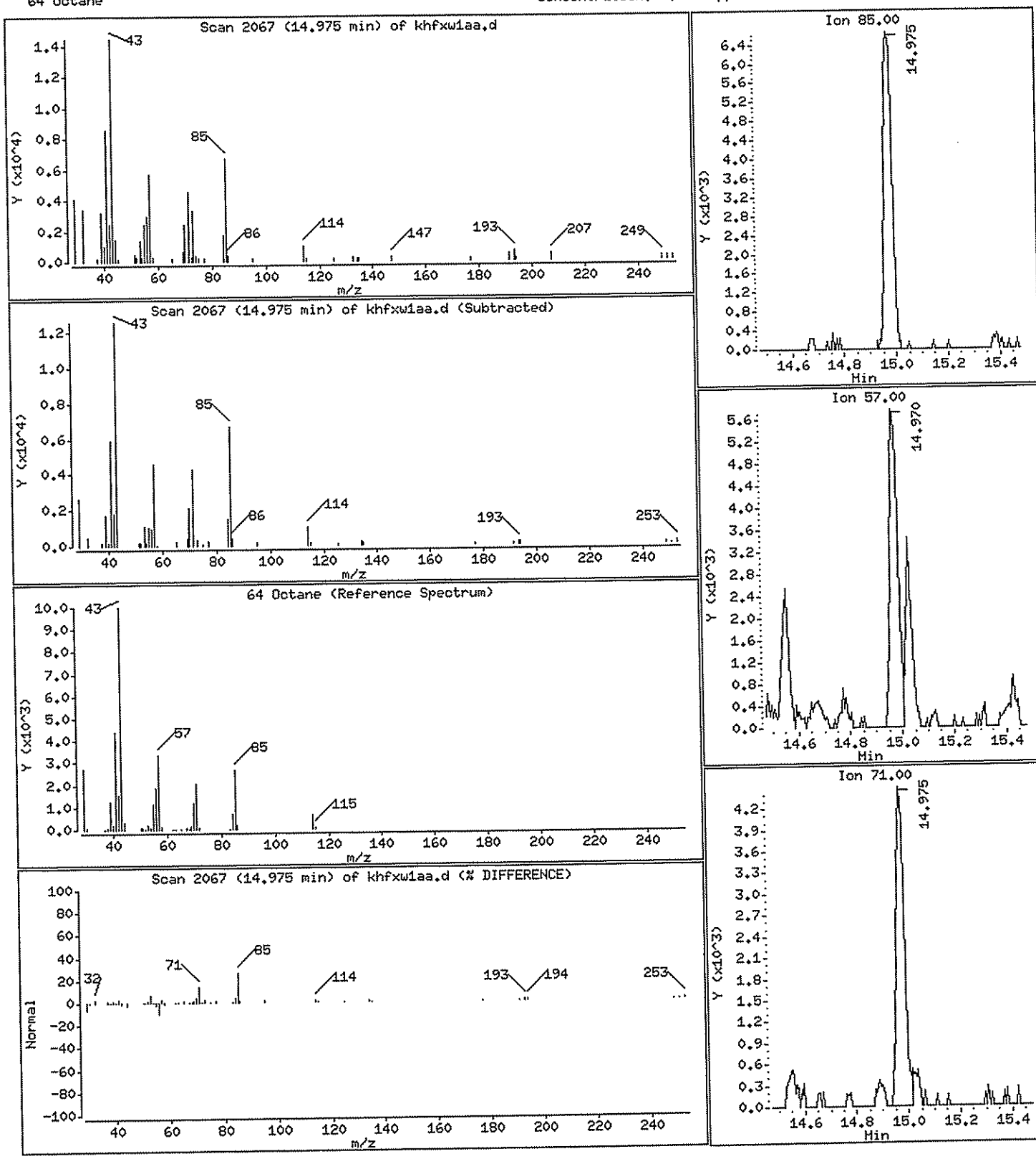
Operator: 3386

Column phase: RTX-5

Column diameter: 0.32

64 Octane

Concentration: 0.1378 ppb(v/v)



Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

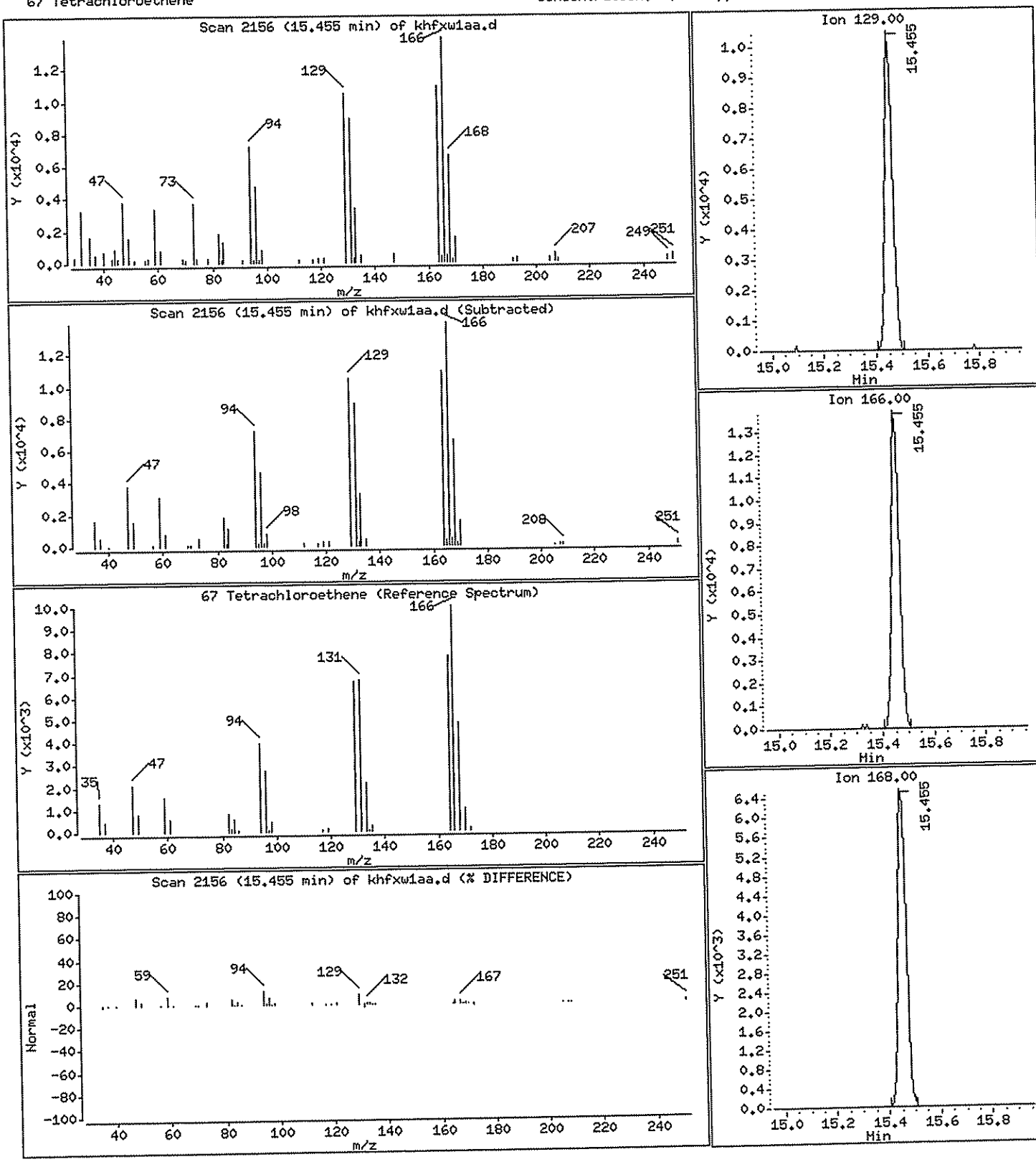
Operator: 3386

Column phase: RTX-5

Column diameter: 0.32

67 Tetrachloroethene

Concentration: 0.1793 ppb(v/v)



Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

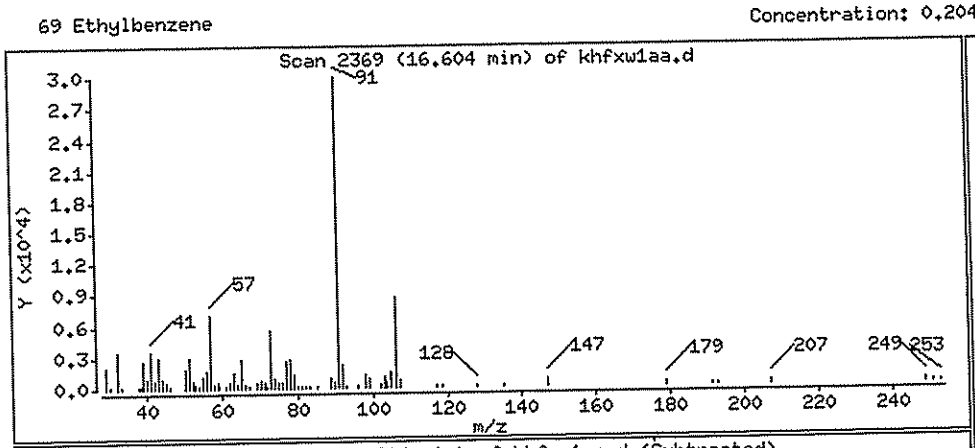
Operator: 3386

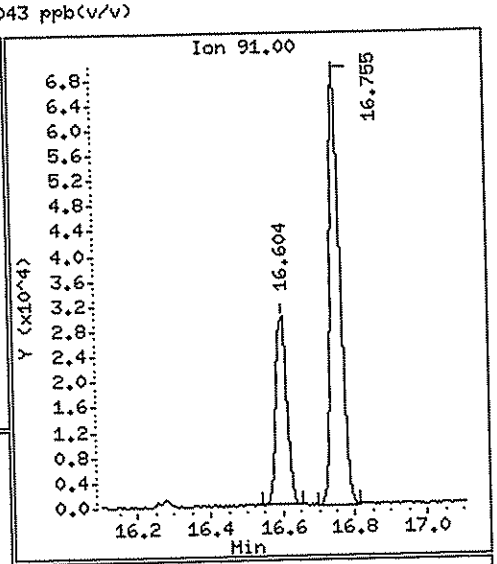
Column phase: RTX-5

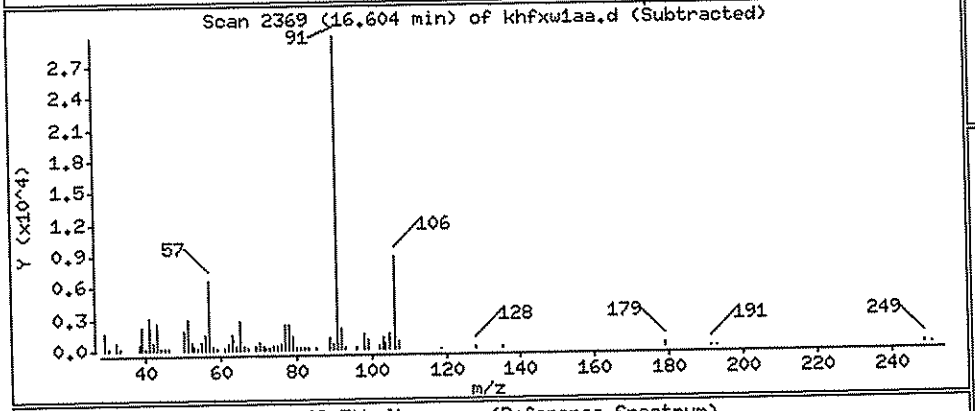
Column diameter: 0.32

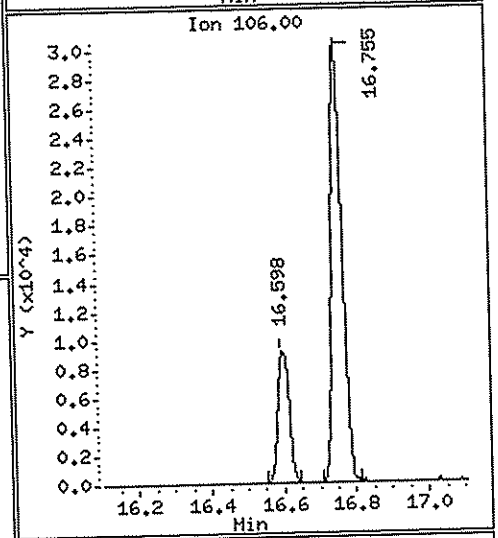
Concentration: 0.2043 ppb(v/v)

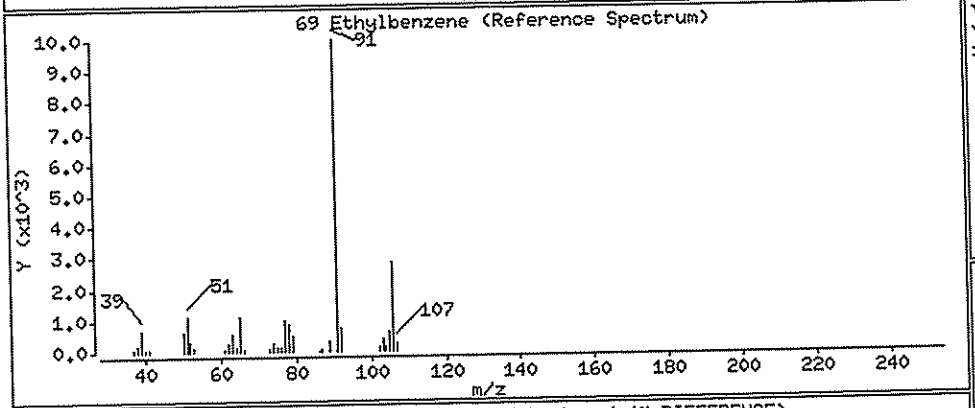
69 Ethylbenzene

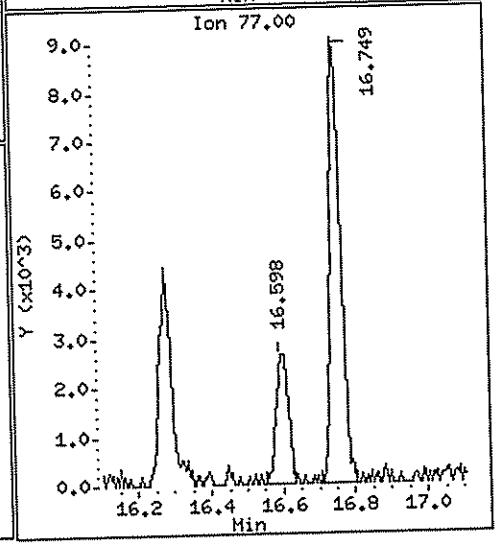


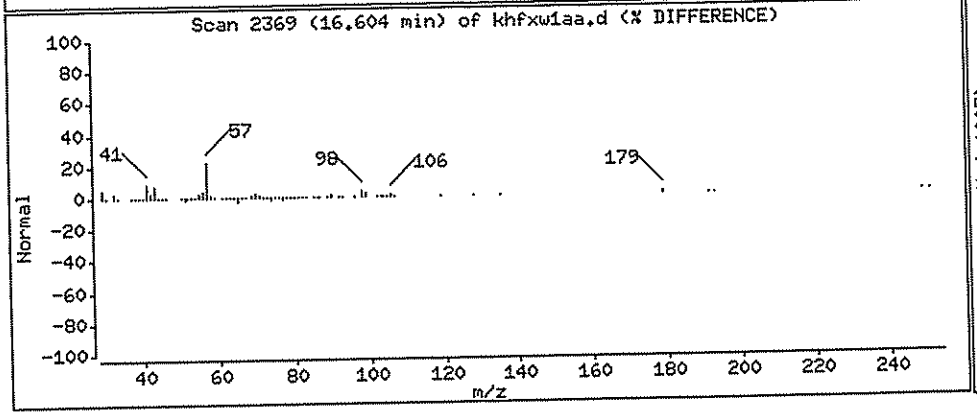












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

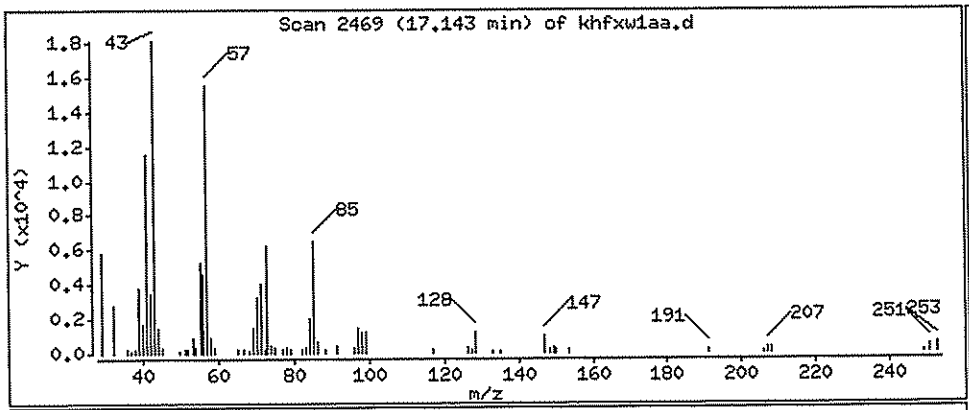
Operator: 3386

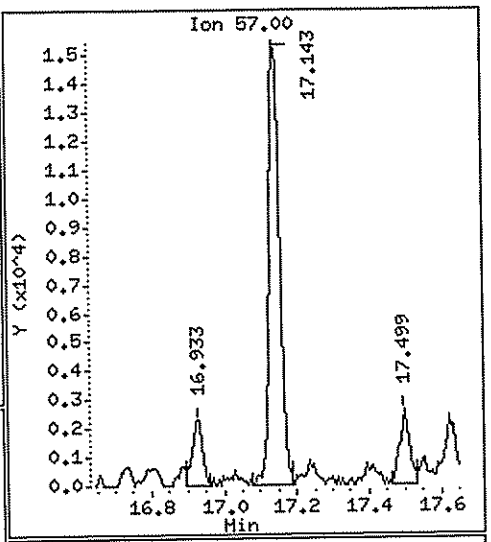
Column phase: RTX-5

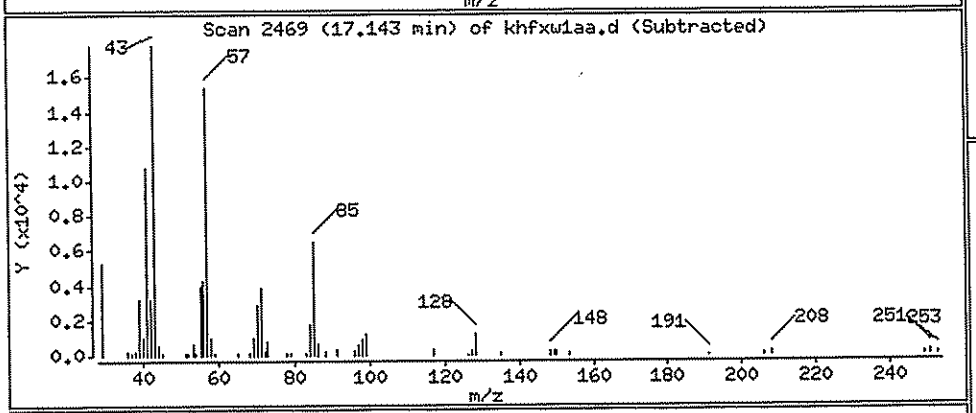
Column diameter: 0.32

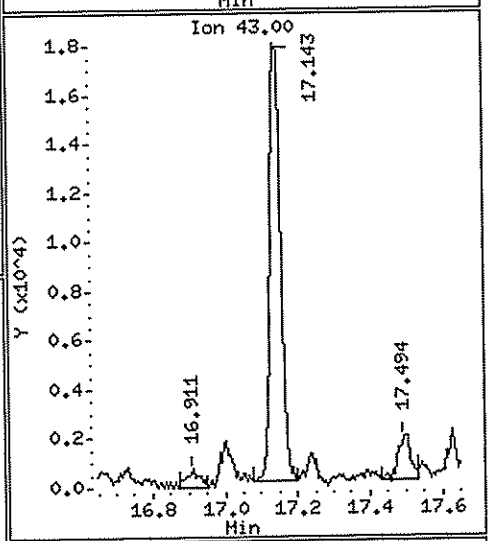
71 Nonane

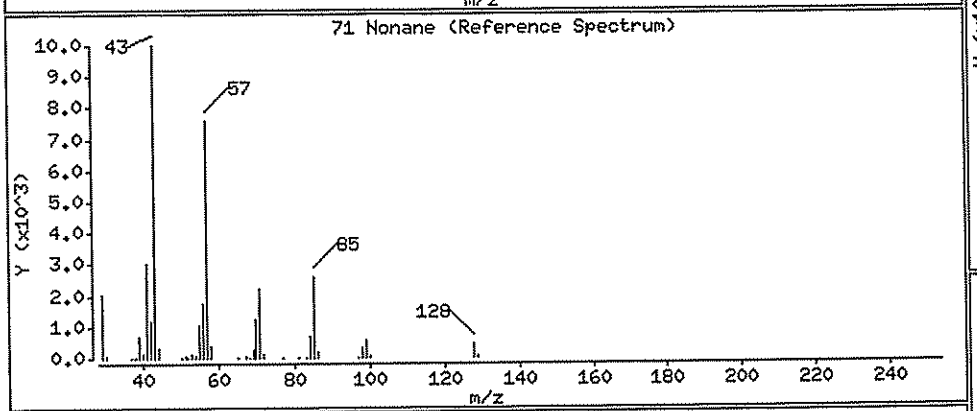
Concentration: 0.1550 ppb(v/v)

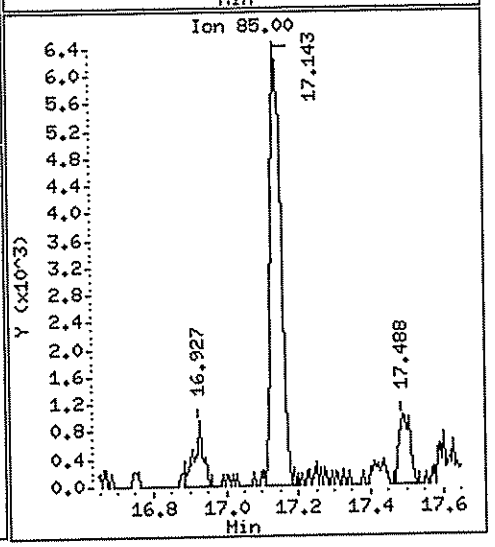


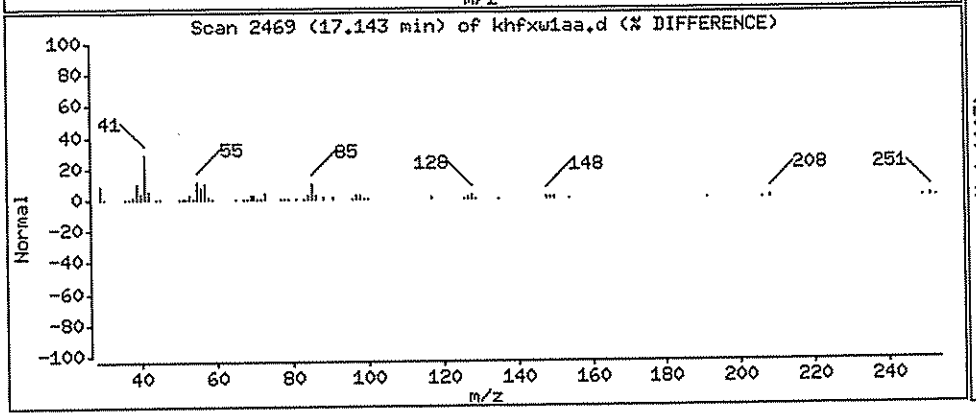












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

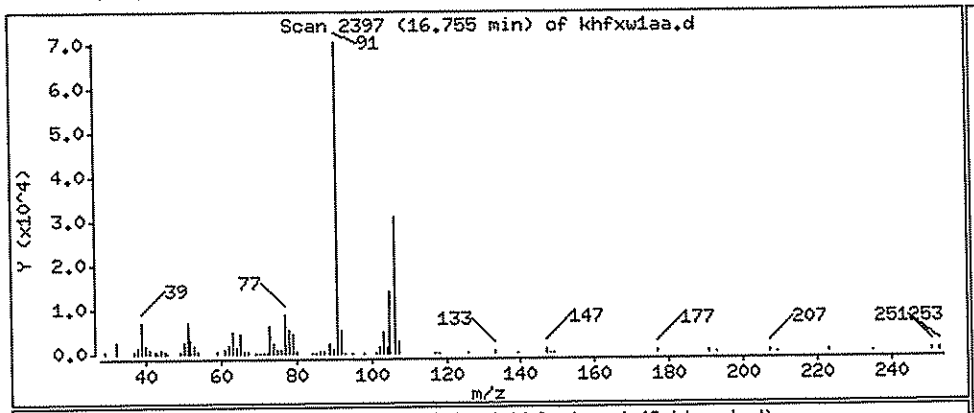
Operator: 3386

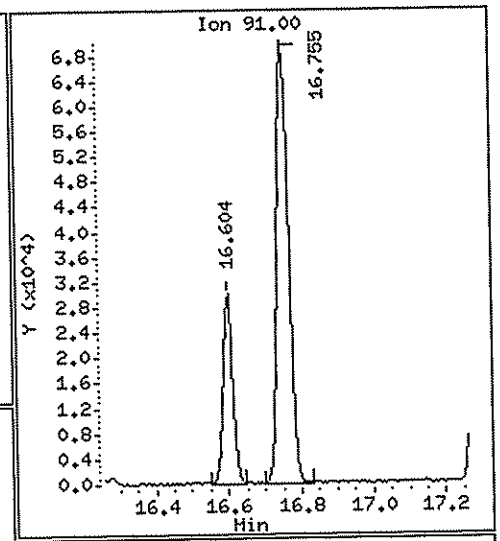
Column phase: RTX-5

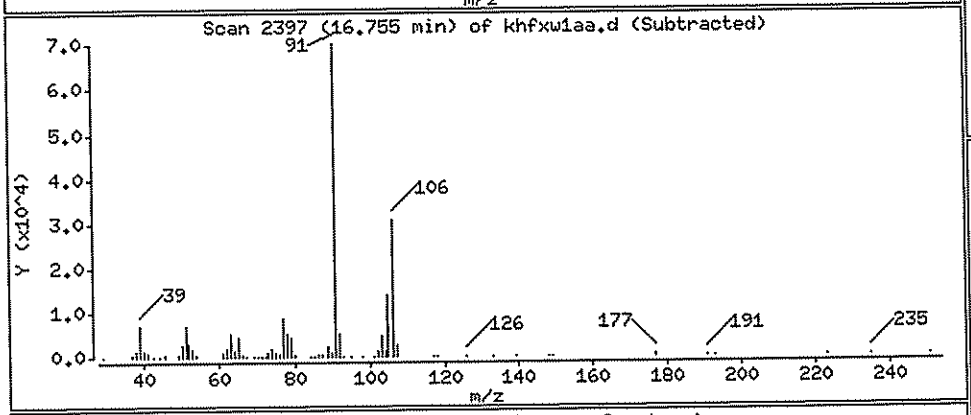
Column diameter: 0.32

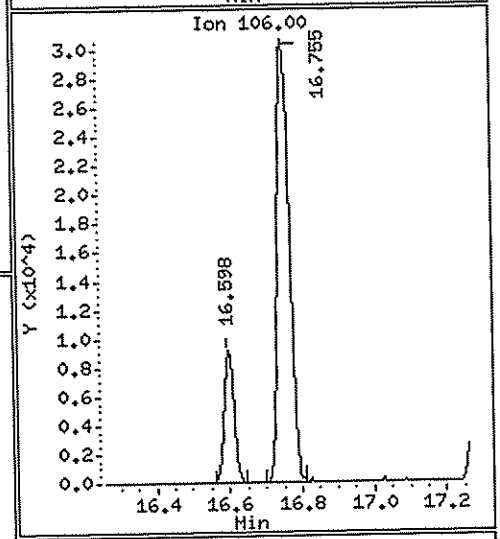
70 m&p-Xylene

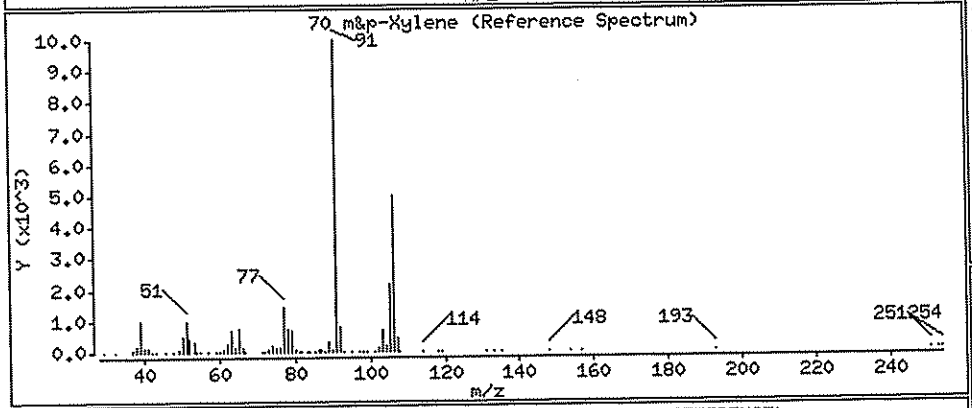
Concentration: 0.6374 ppb(v/v)

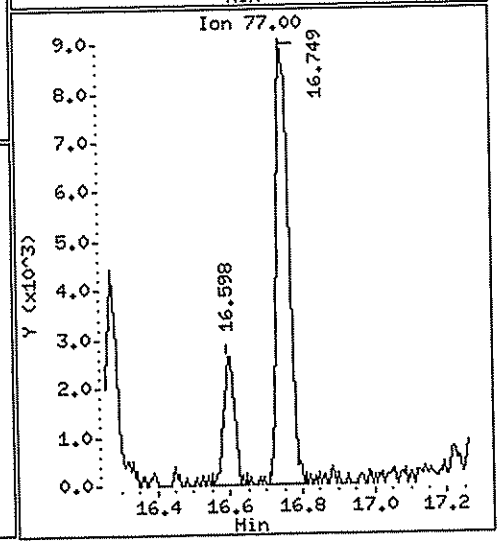


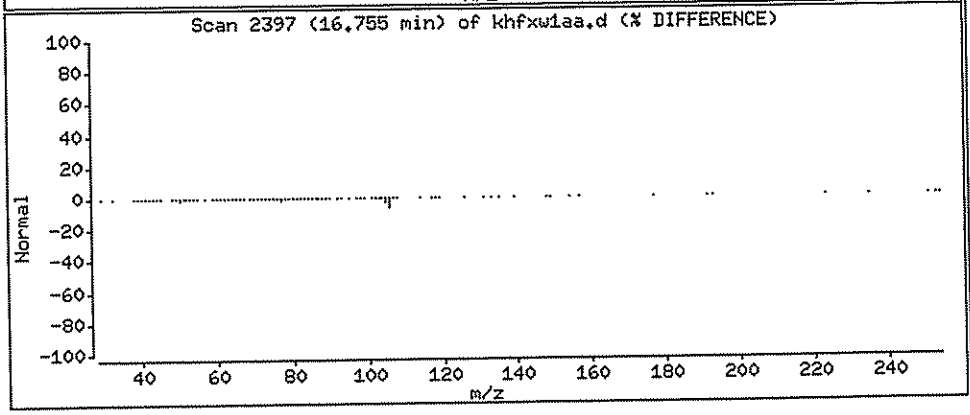












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

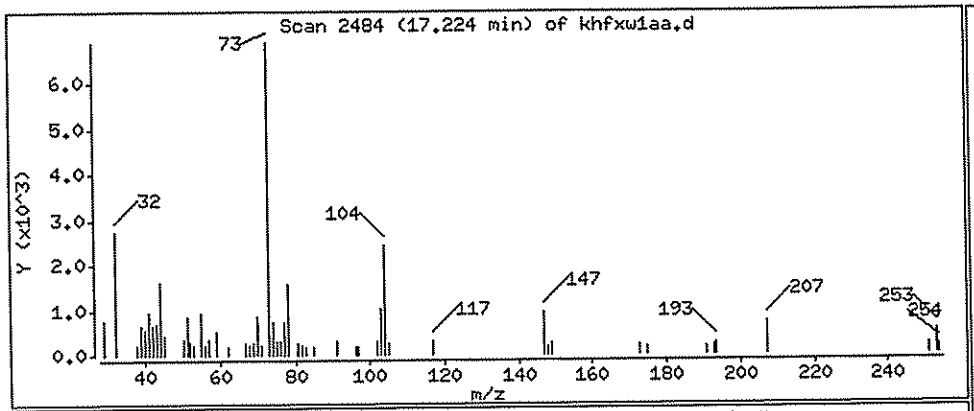
Operator: 3386

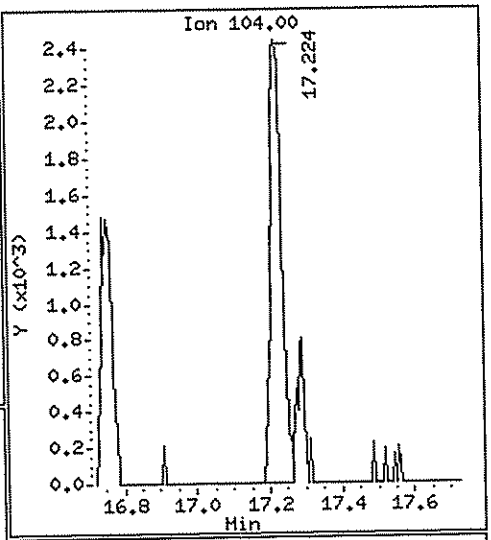
Column phase: RTX-5

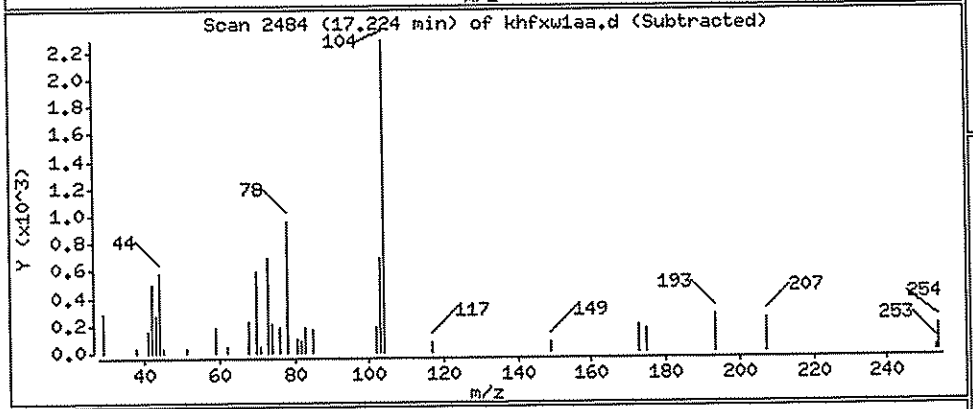
Column diameter: 0.32

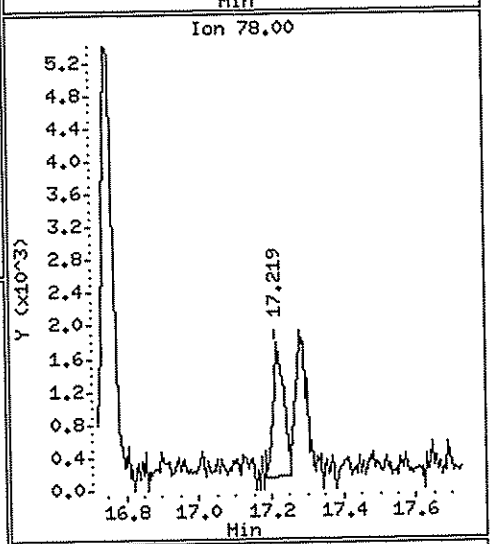
73 Styrene

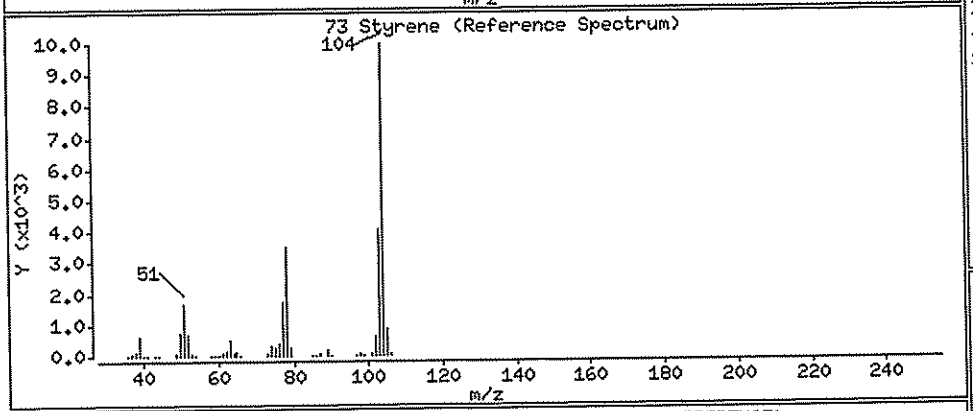
Concentration: 0.03239 ppb(v/v)

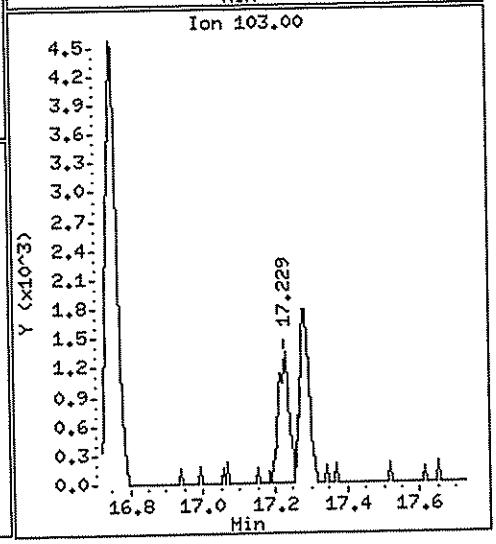


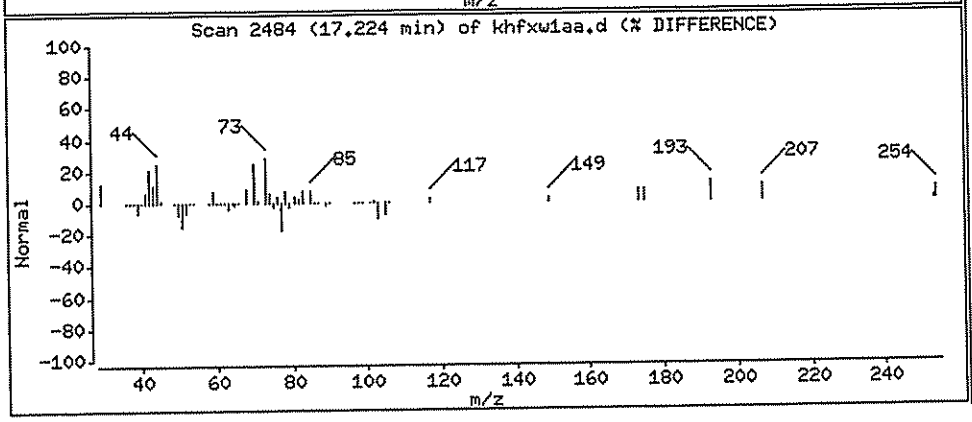












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

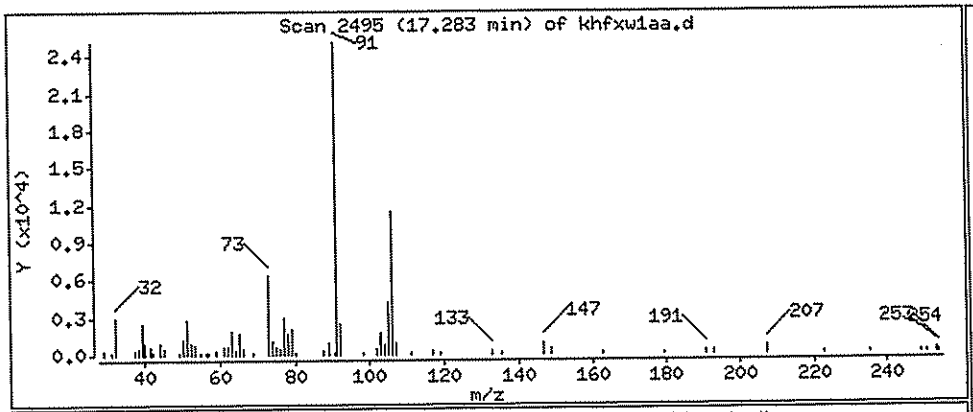
Operator: 3386

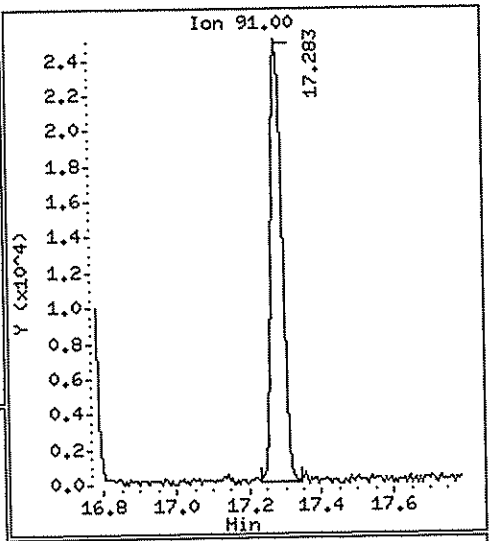
Column phase: RTX-5

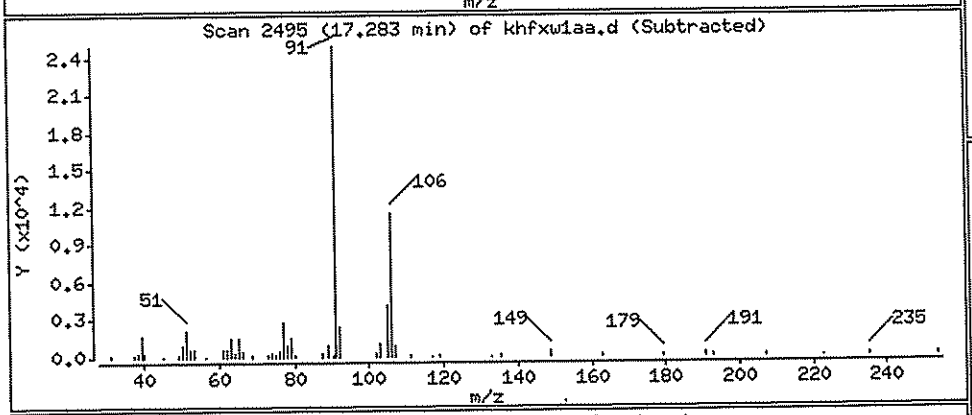
Column diameter: 0.32

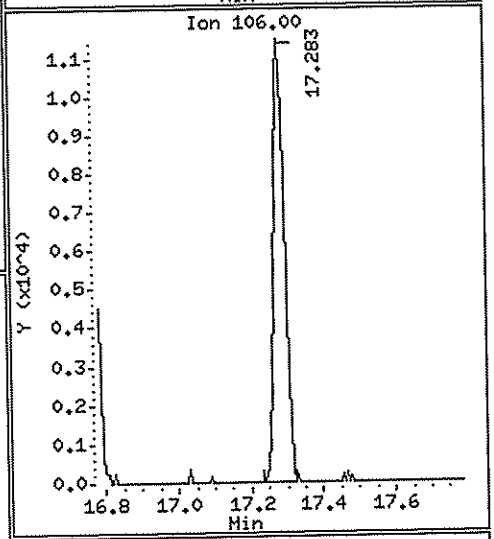
74 o-Xylene

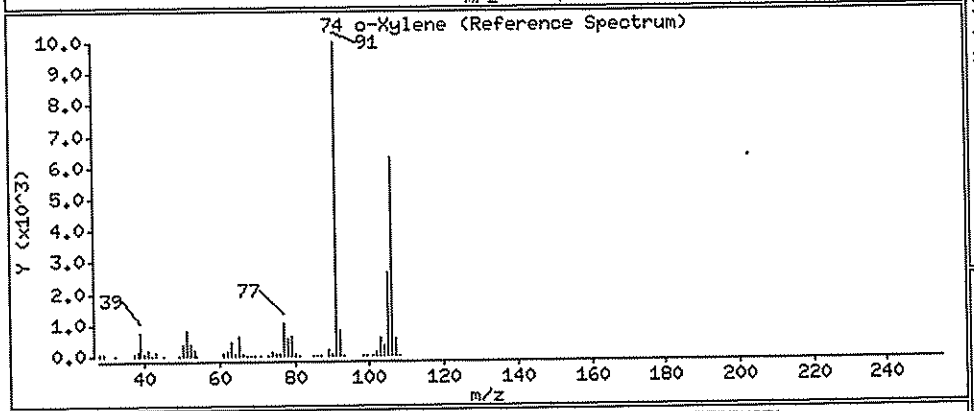
Concentration: 0.2108 ppb(v/v)

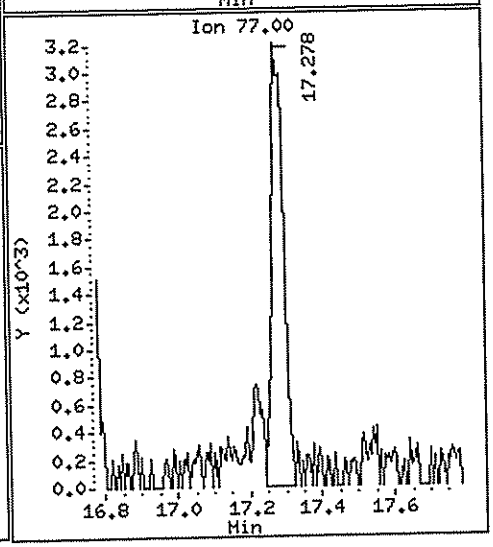


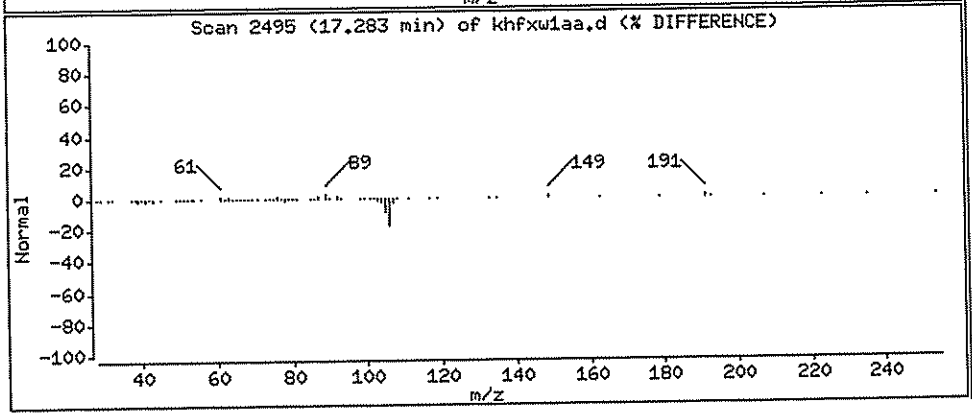












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

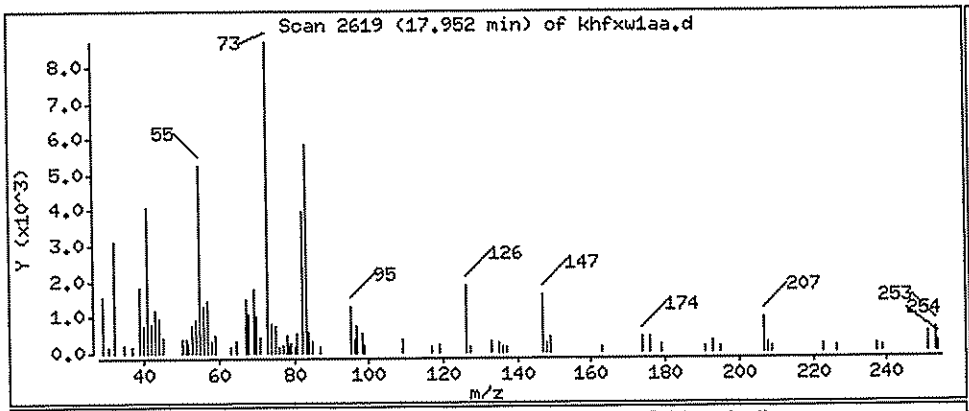
Operator: 3386

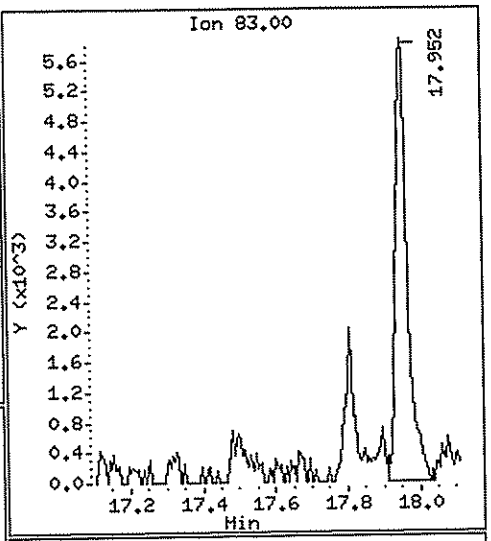
Column phase: RTX-5

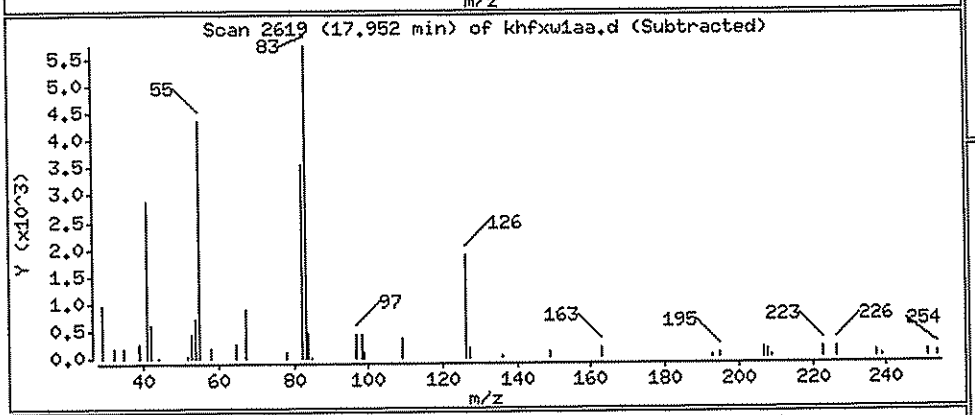
Column diameter: 0.32

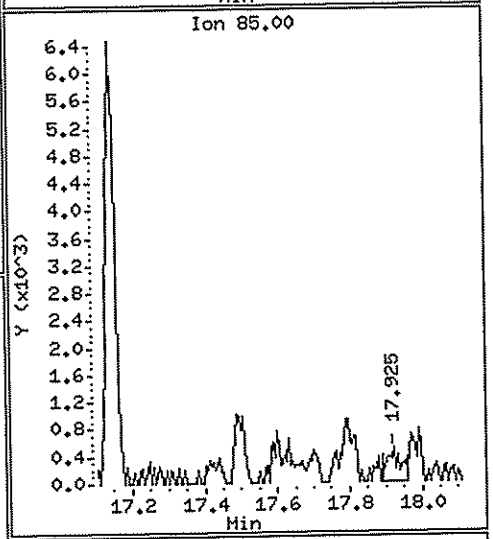
75 1,1,2,2-Tetrachloroethane

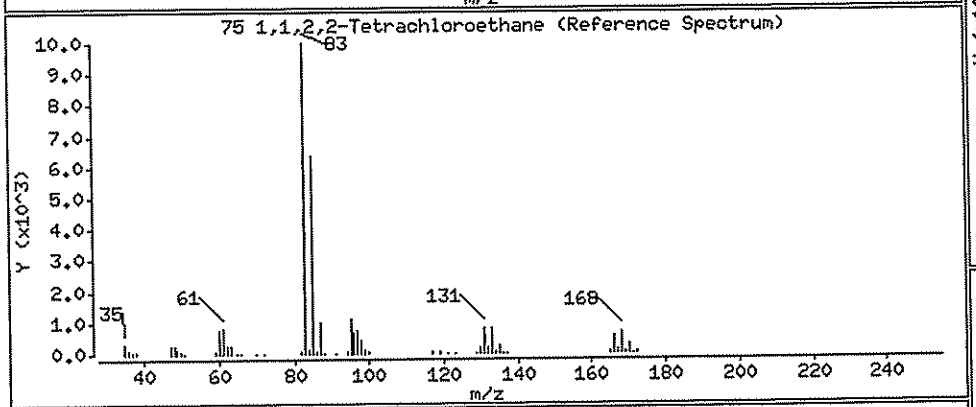
Concentration: 0.06948 ppb(v/v)

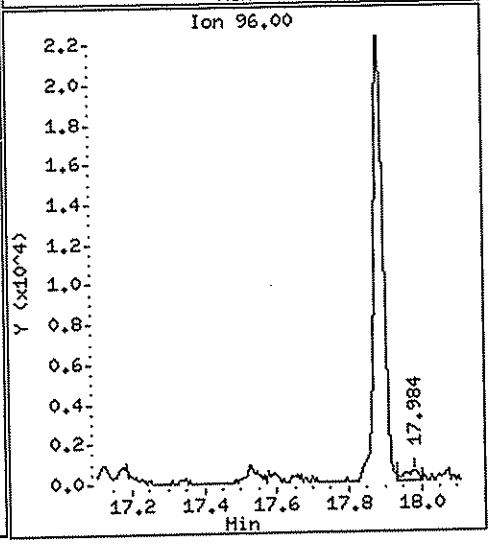


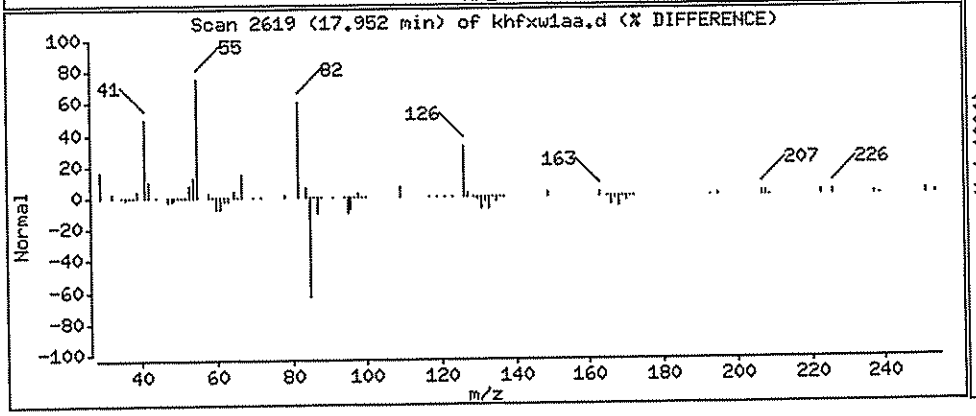












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

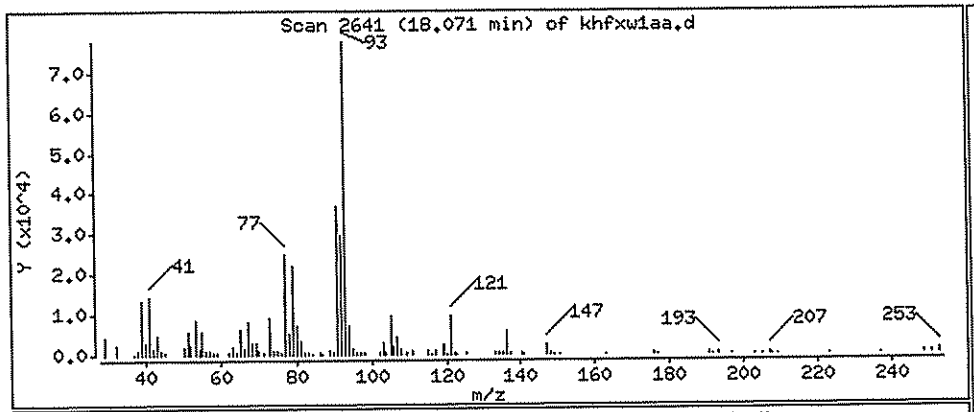
Operator: 3386

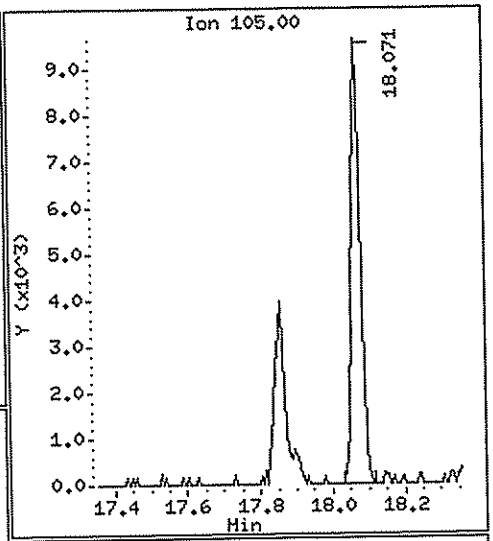
Column phase: RTX-5

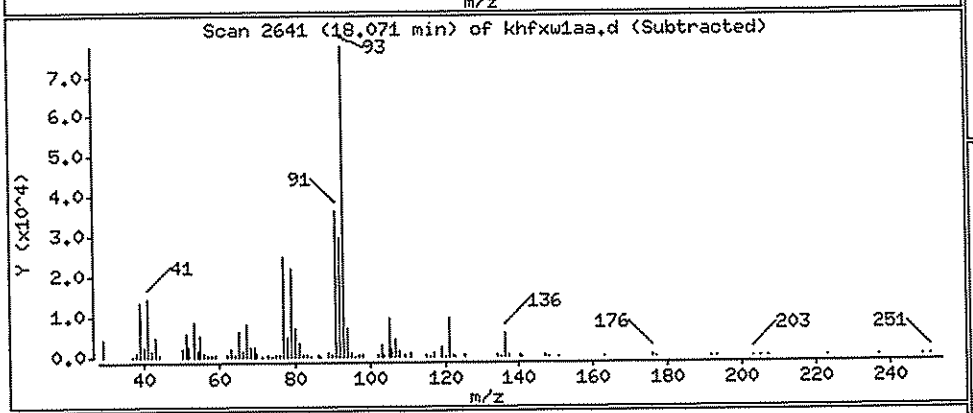
Column diameter: 0.32

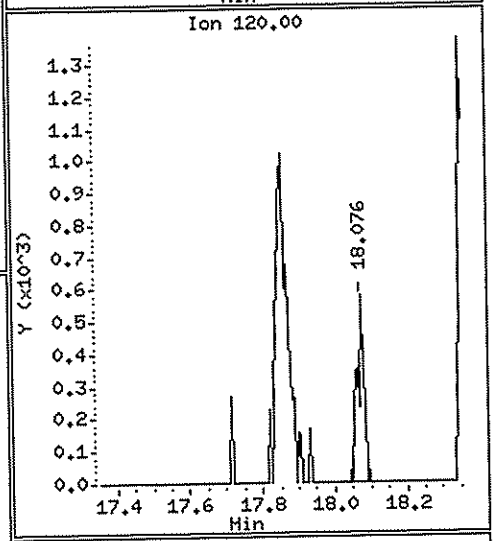
77 Cumene

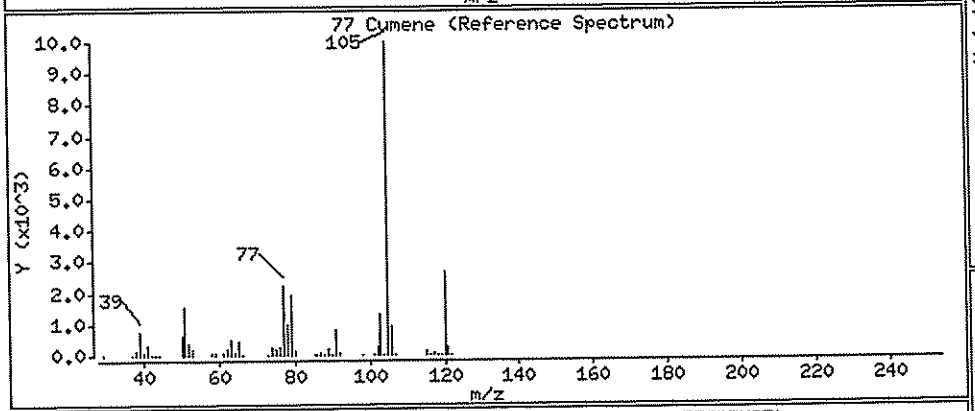
Concentration: 0.05010 ppb(v/v)

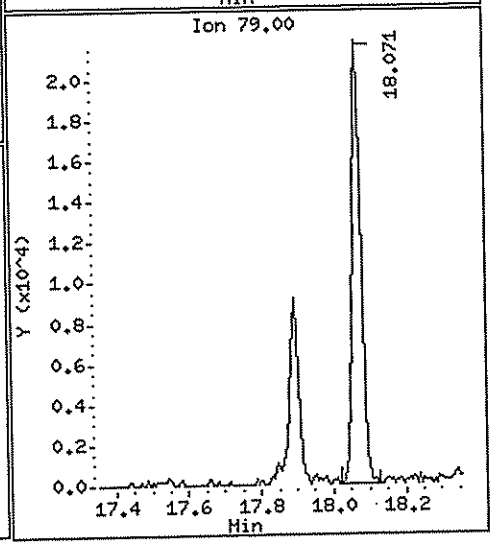


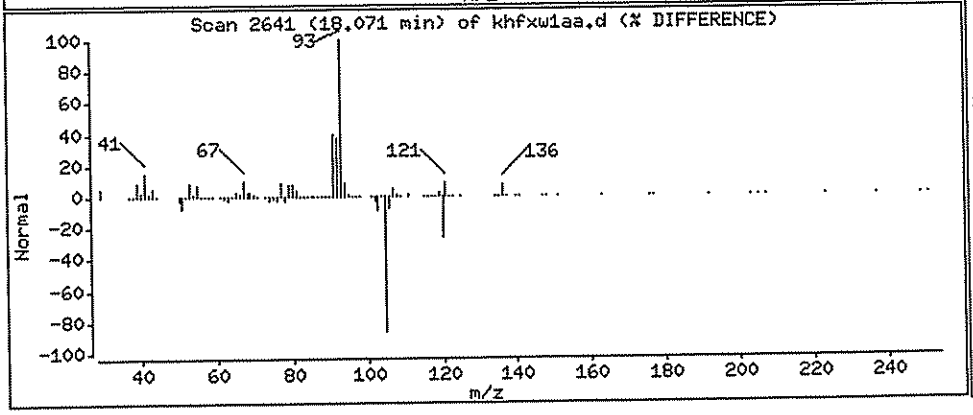












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

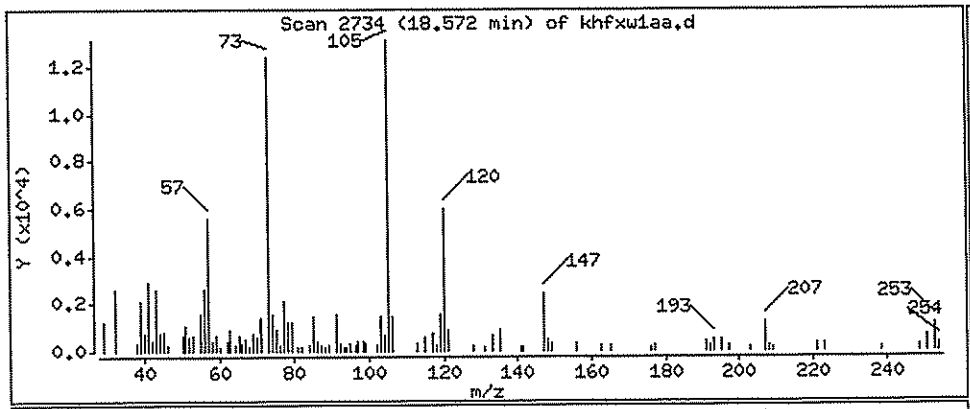
Operator: 3386

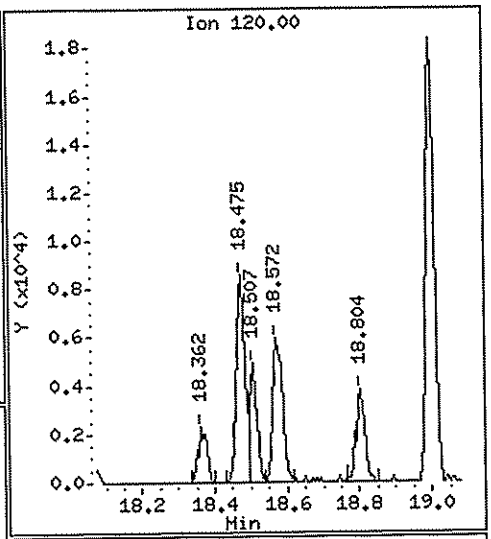
Column phase: RTX-5

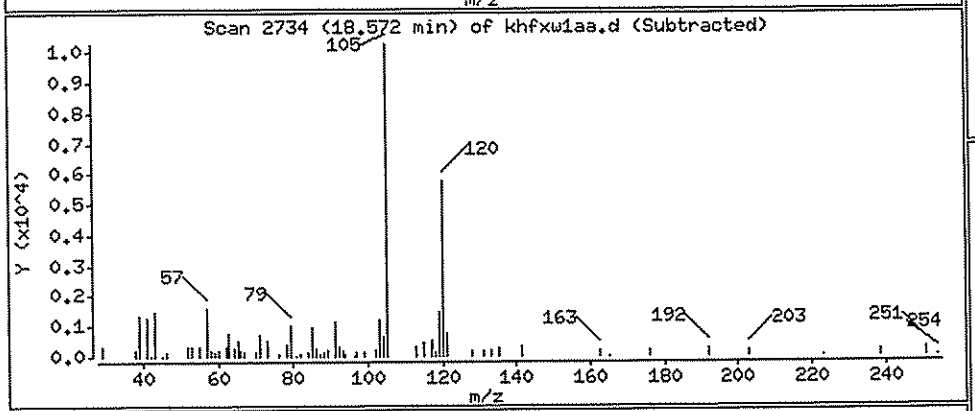
Column diameter: 0.32

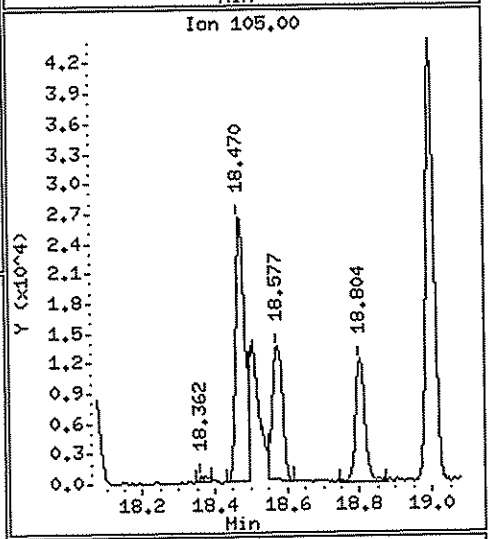
81 1,3,5-Trimethylbenzene

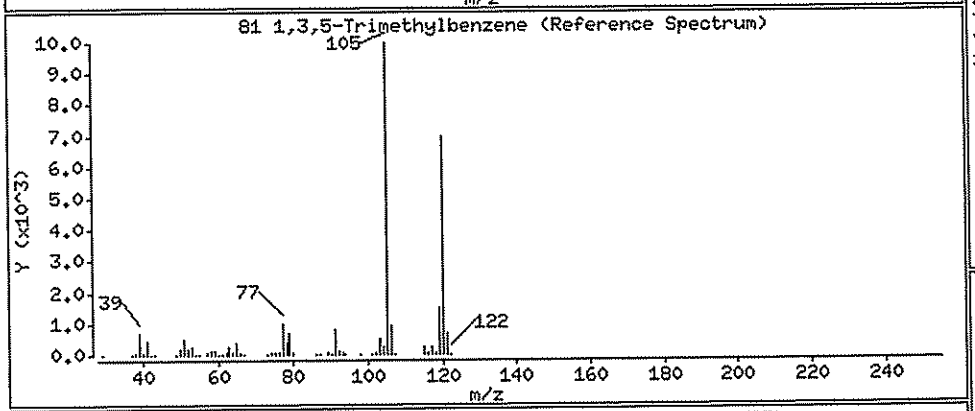
Concentration: 0.06935 ppb(v/v)

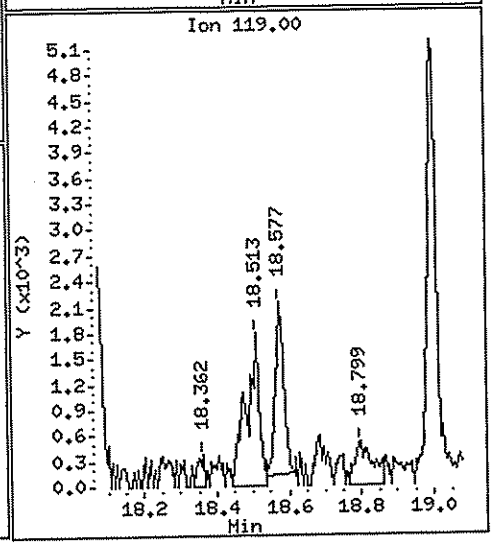


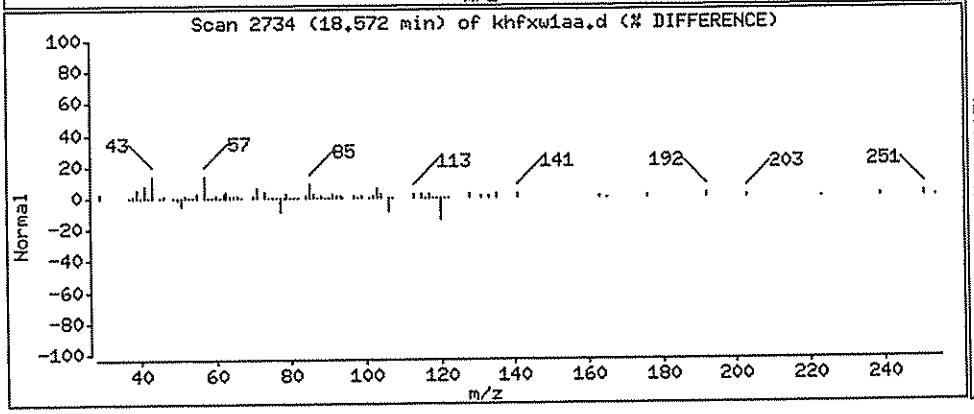












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

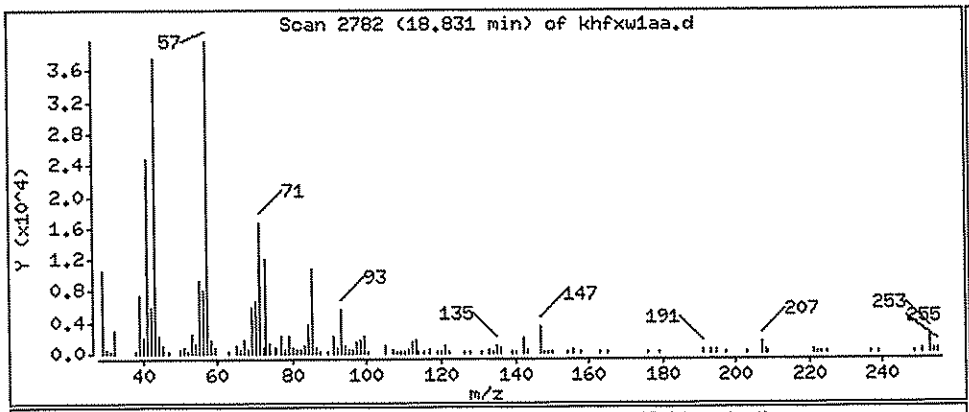
Operator: 3386

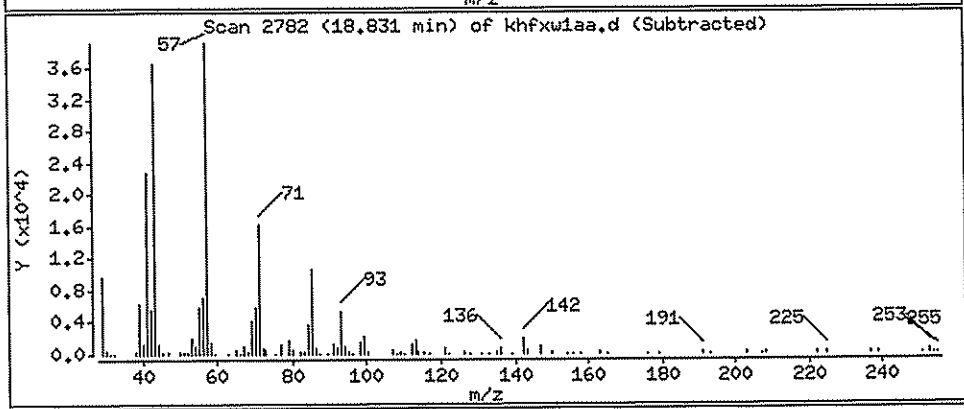
Column phase: RTX-5

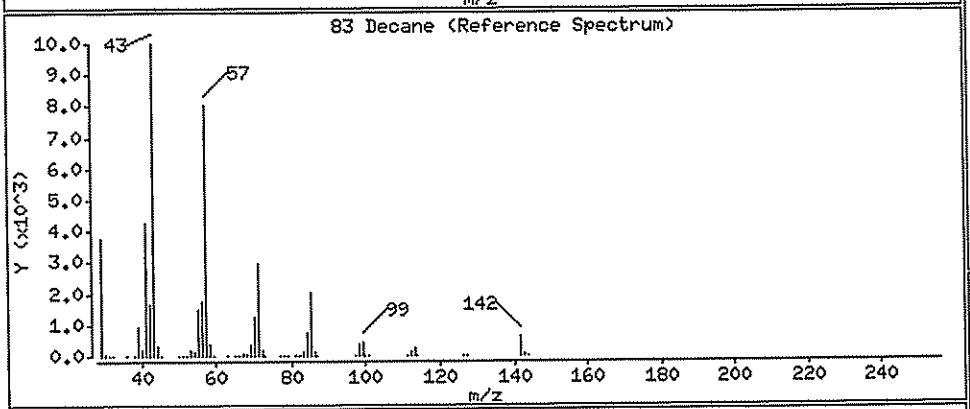
Column diameter: 0.32

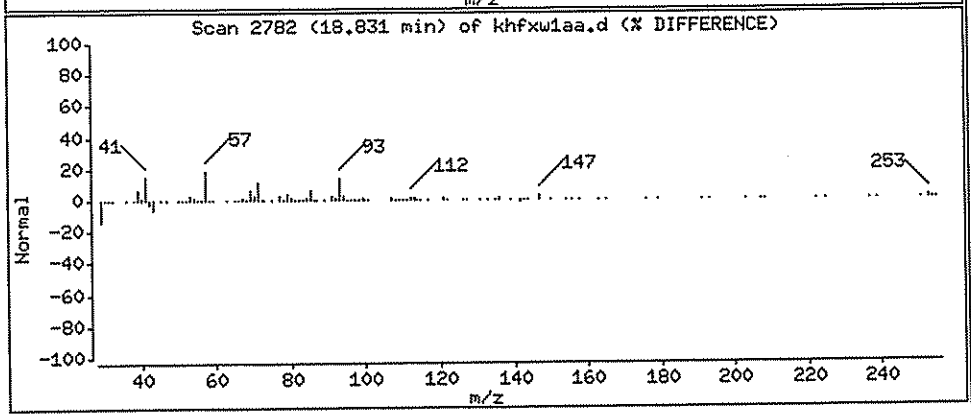
83 Decane

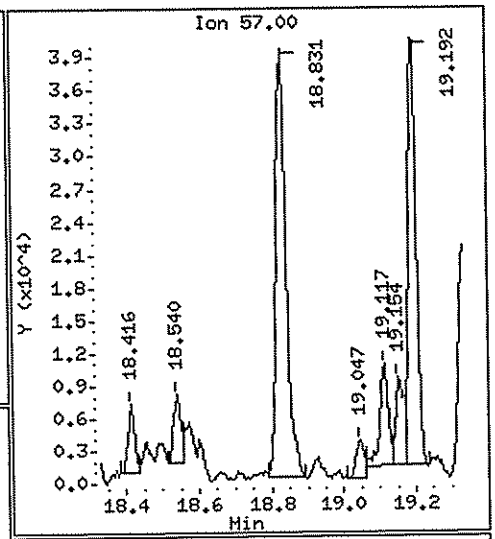
Concentration: 0.2708 ppb(v/v)

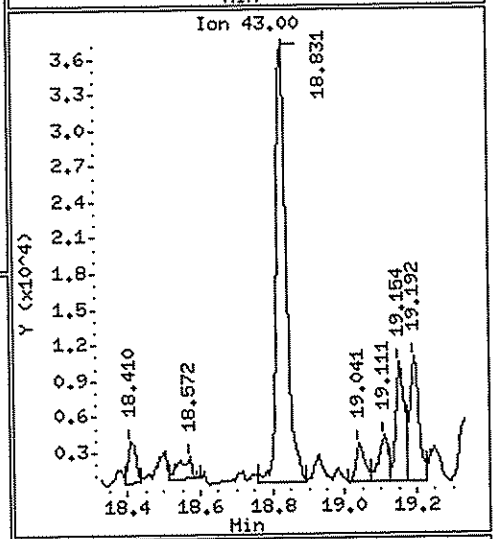


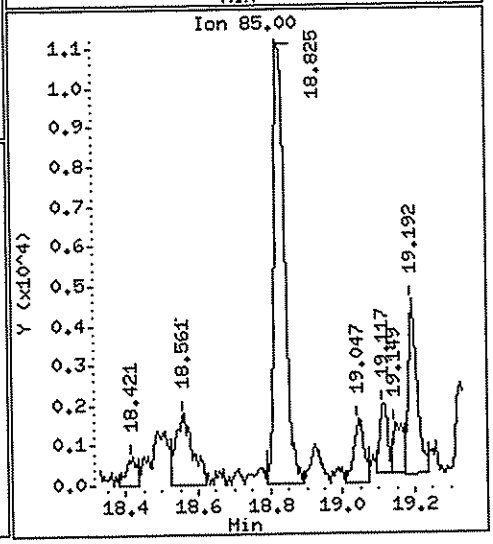












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

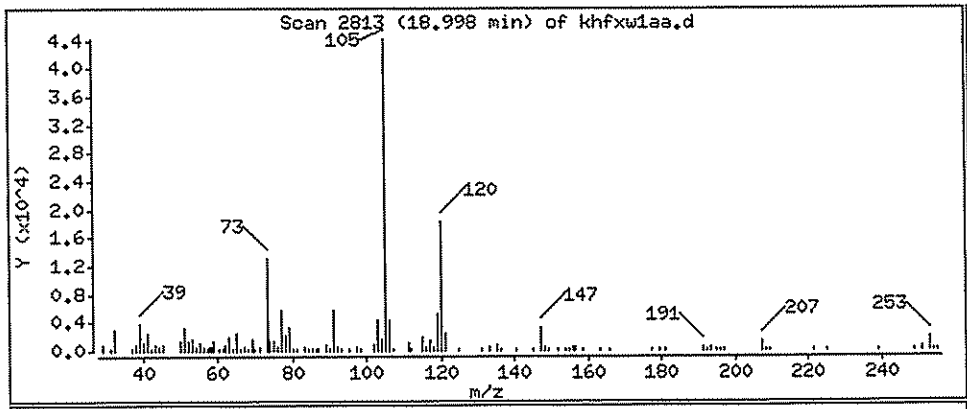
Operator: 3386

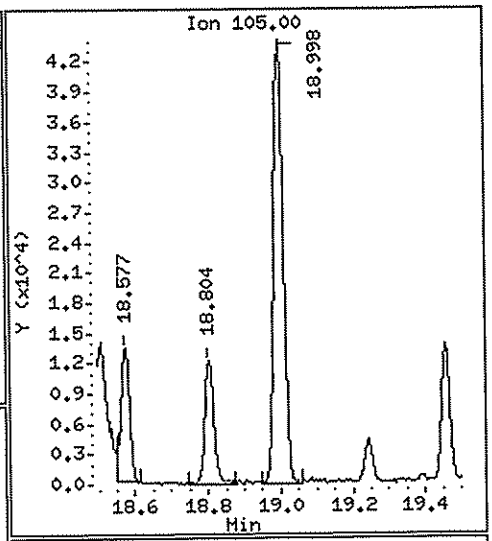
Column phase: RTX-5

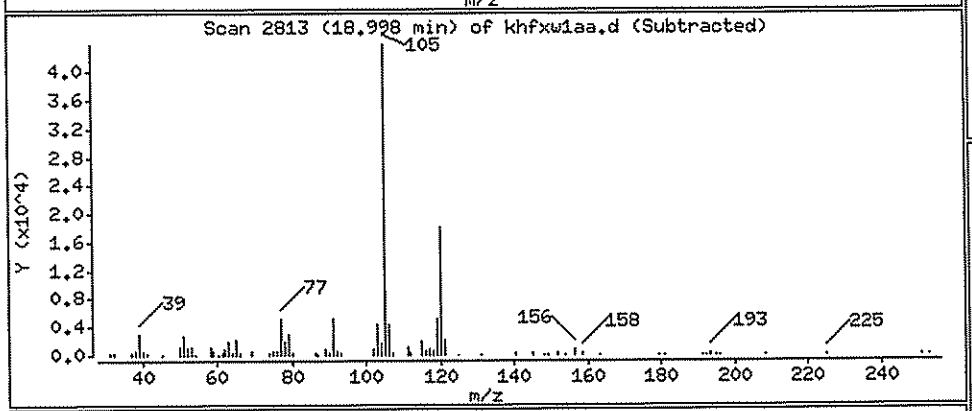
Column diameter: 0.32

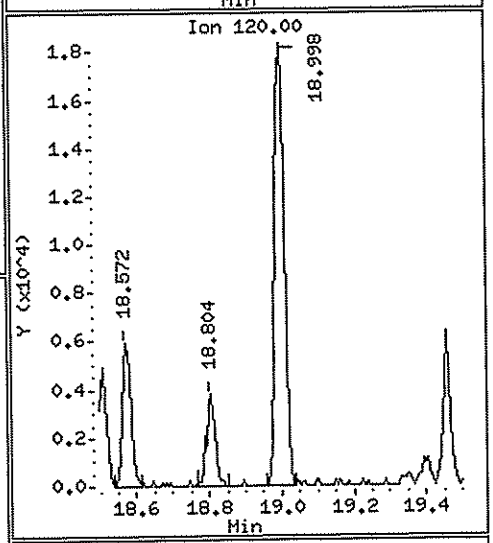
85 1,2,4-Trimethylbenzene

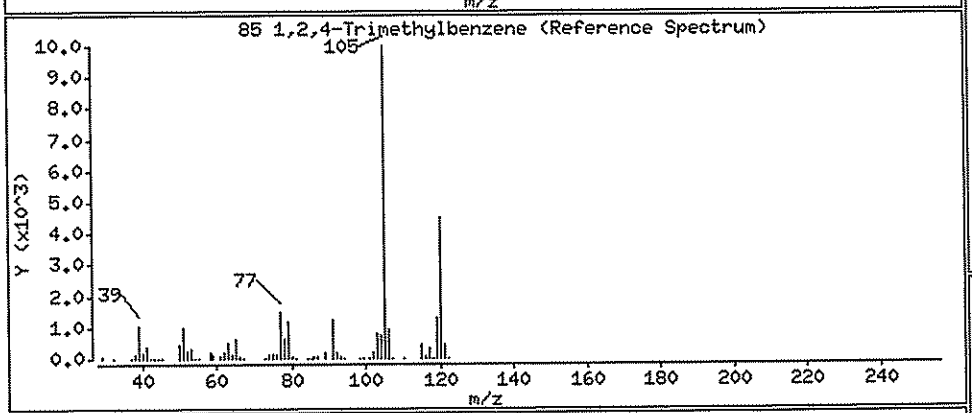
Concentration: 0.2112 ppb(v/v)

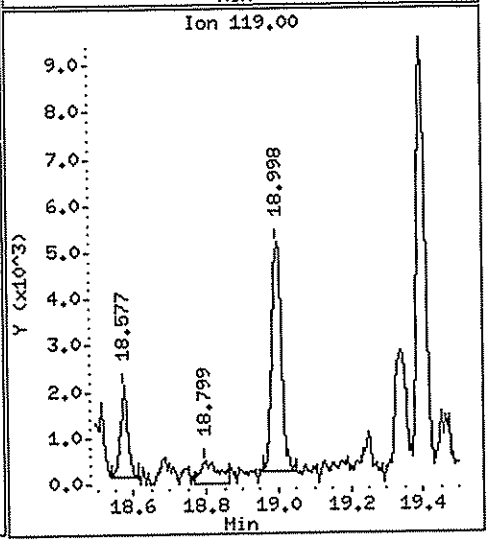


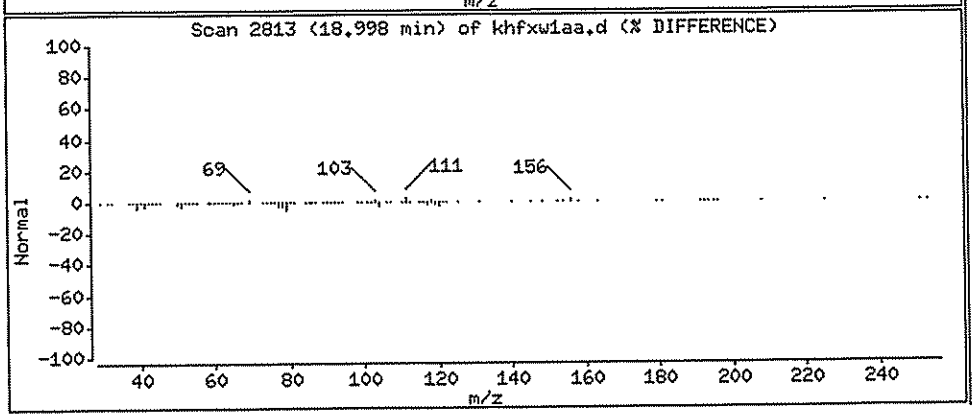












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

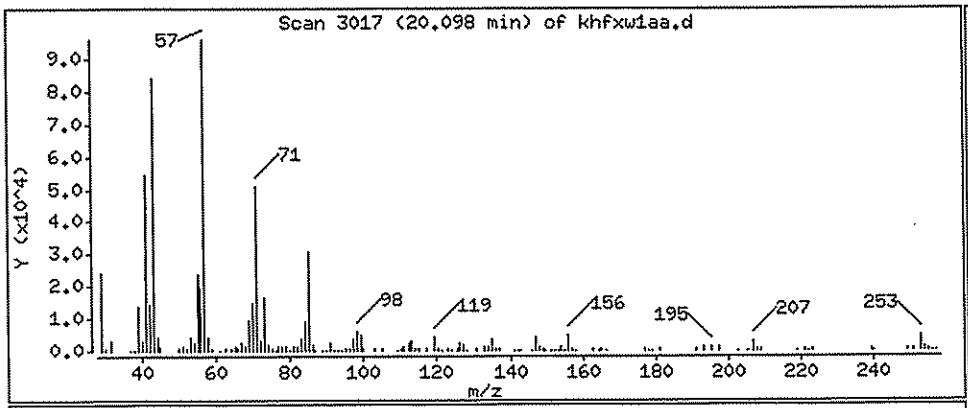
Operator: 3386

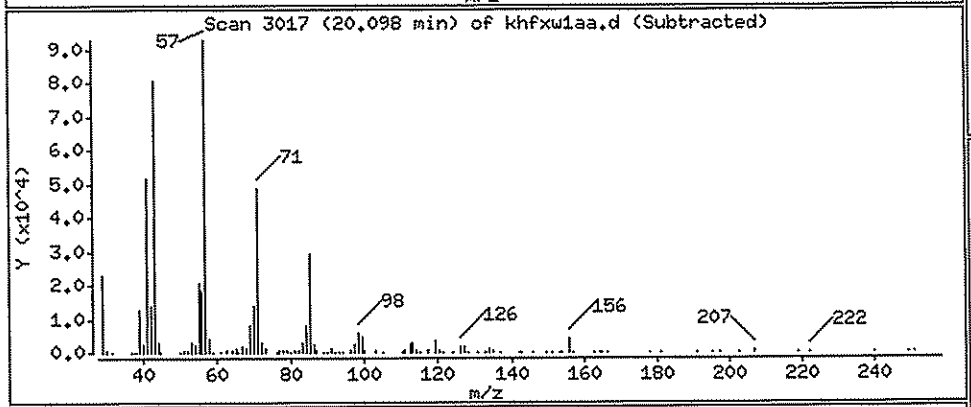
Column phase: RTX-5

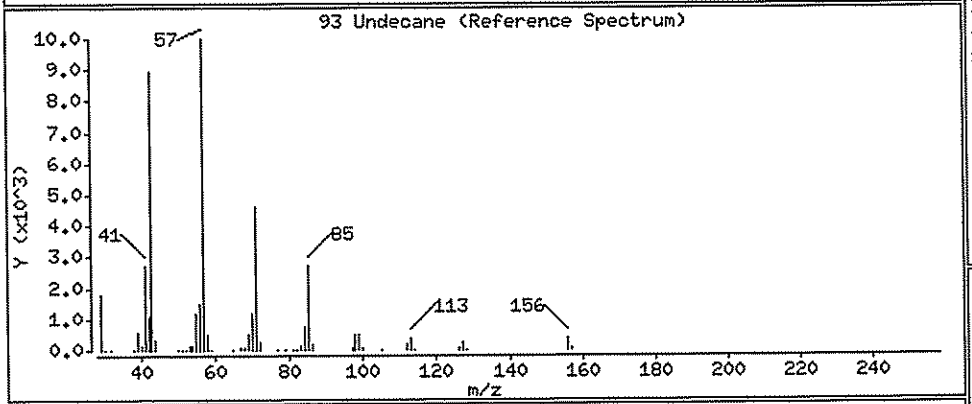
Column diameter: 0.32

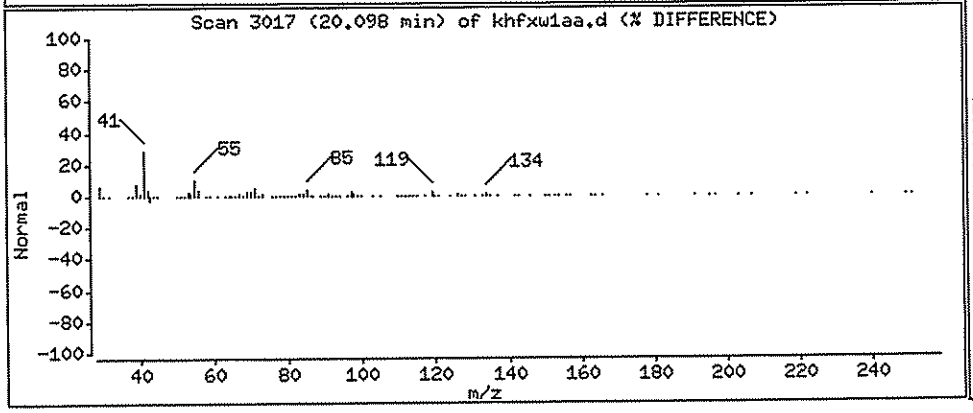
93 Undecane

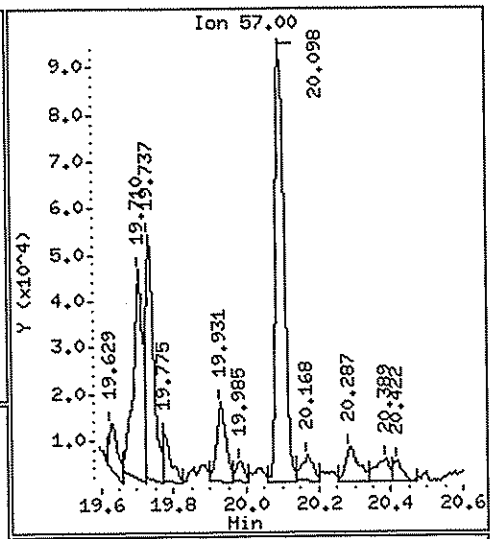
Concentration: 0.4546 ppb(v/v)

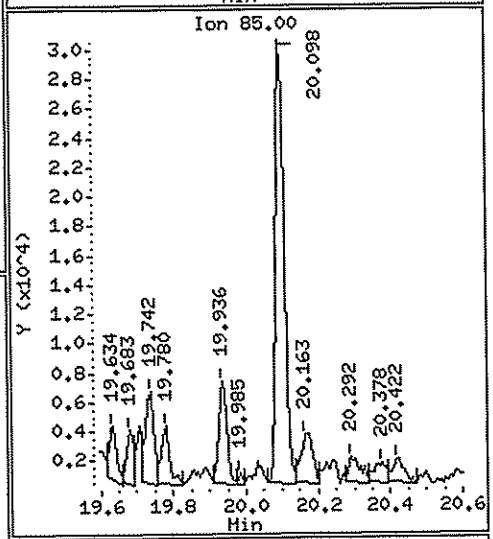


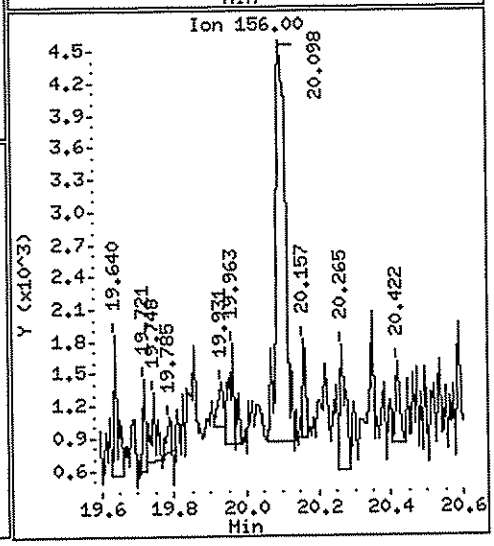












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

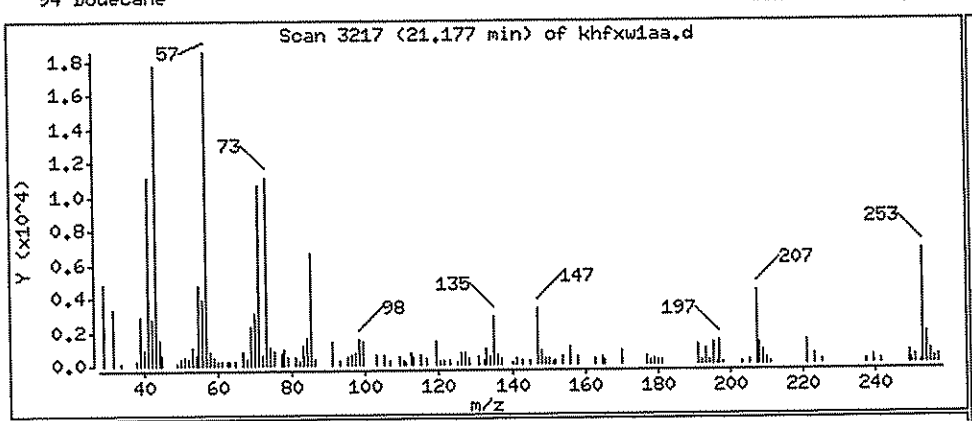
Operator: 3386

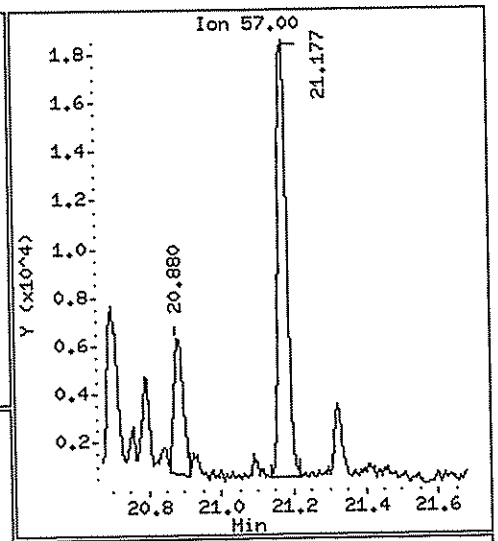
Column phase: RTX-5

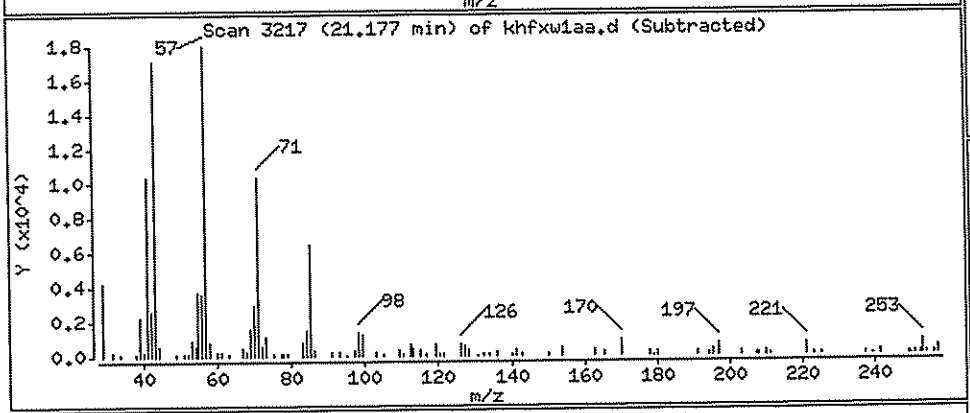
Column diameter: 0.32

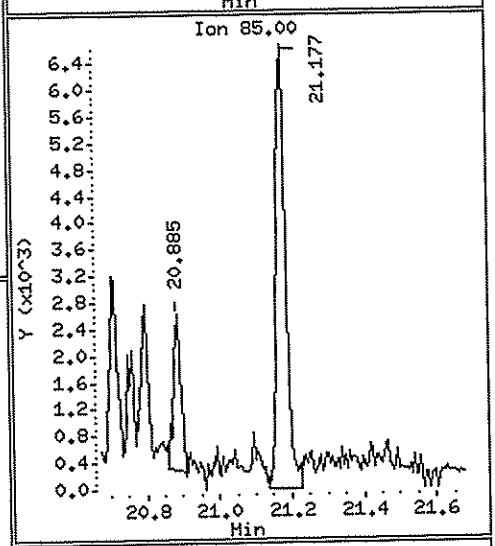
94 Dodecane

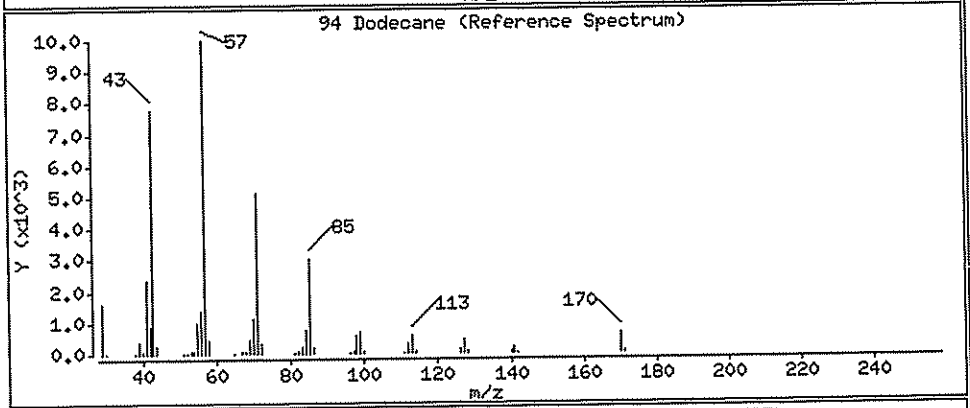
Concentration: 0.09251 ppb(v/v)

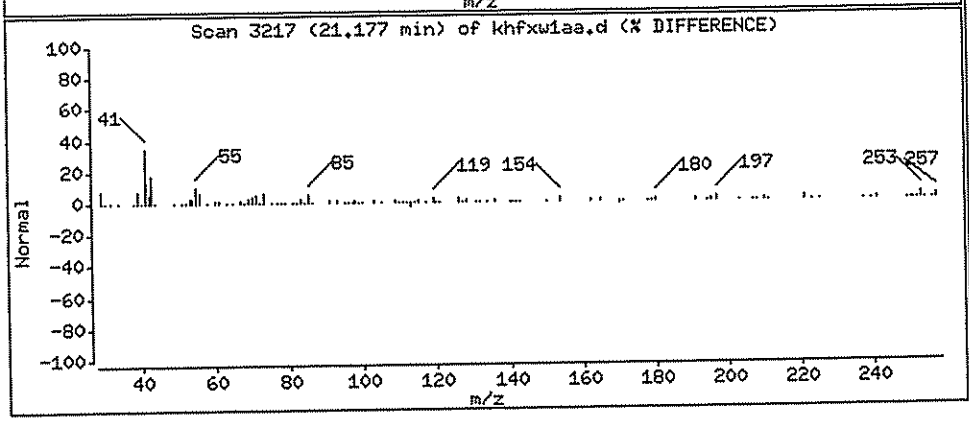


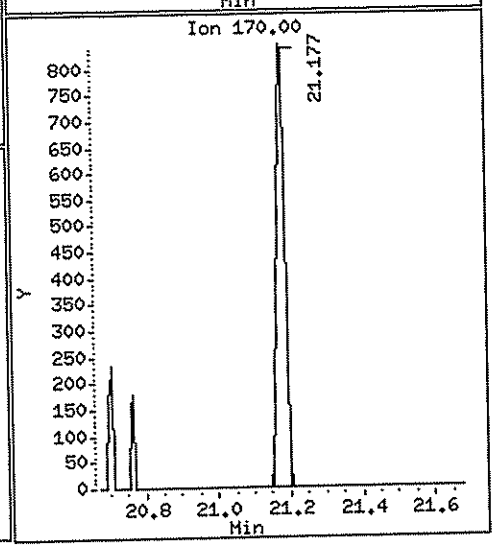












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

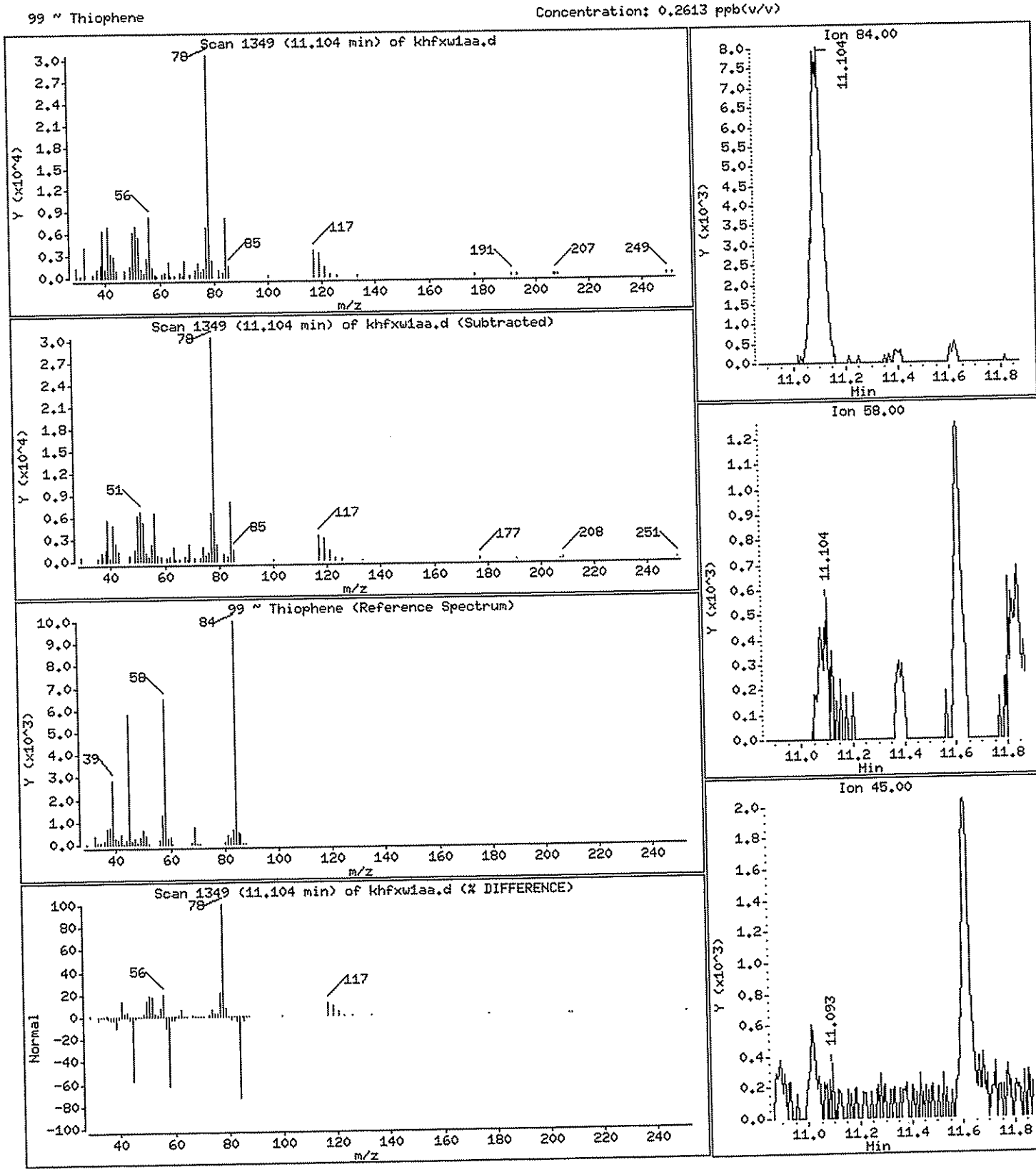
Operator: 3386

Column phase: RTX-5

Column diameter: 0.32

99 ~ Thiophene

Concentration: 0.2613 ppb(v/v)



Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d

Date : 26-FEB-2008 15:15

Client ID: SV-07-03-SS

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

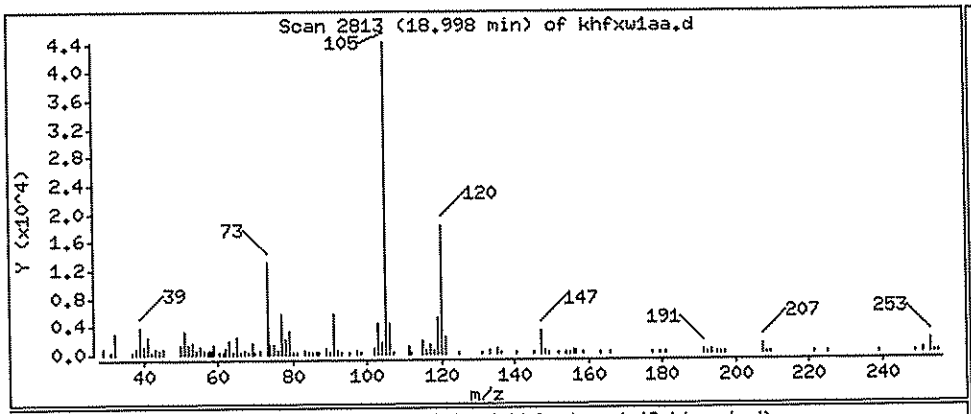
Operator: 3386

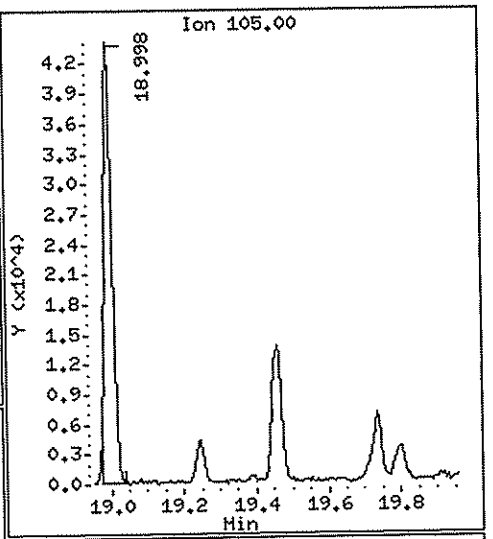
Column phase: RTX-5

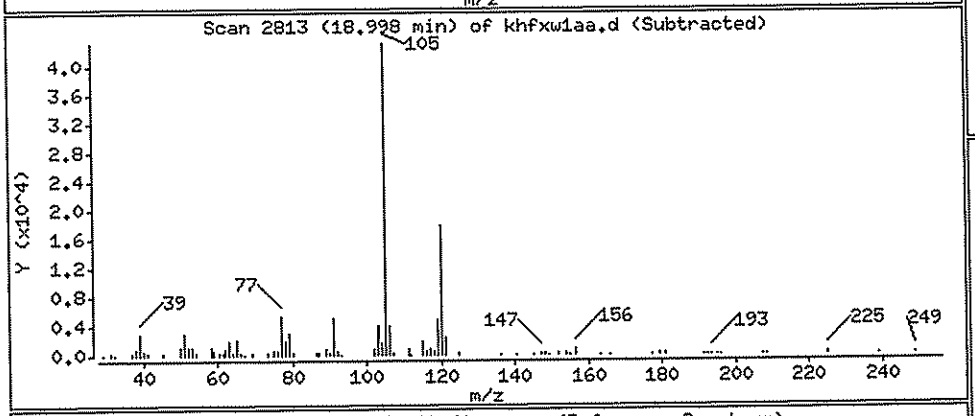
Column diameter: 0.32

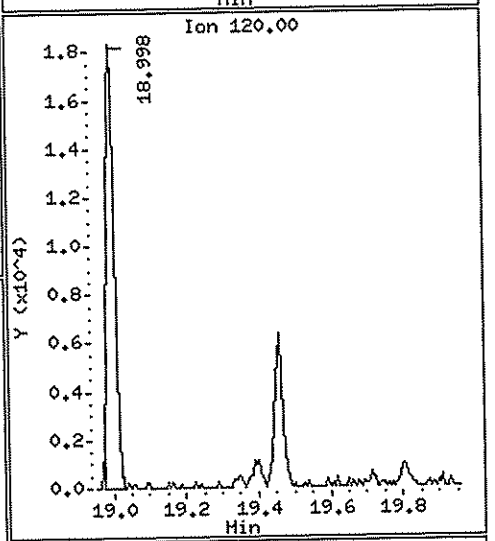
100 ~ 1,2,3-trimethylbenzene

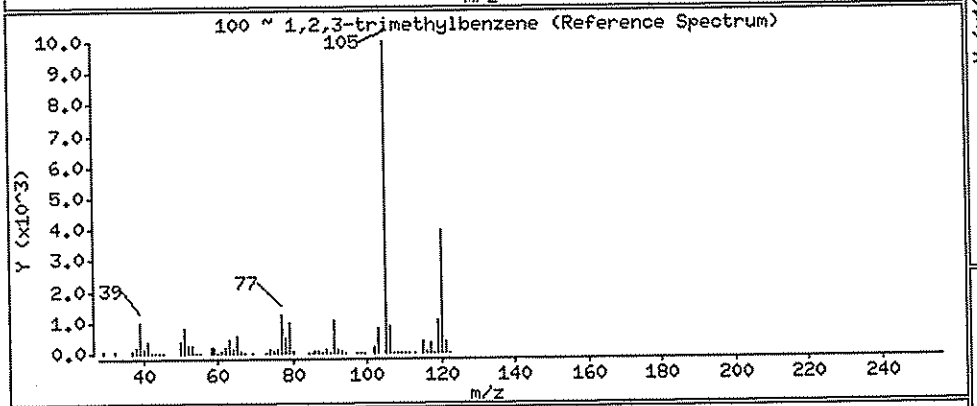
Concentration: 0.2404 ppb(v/v)

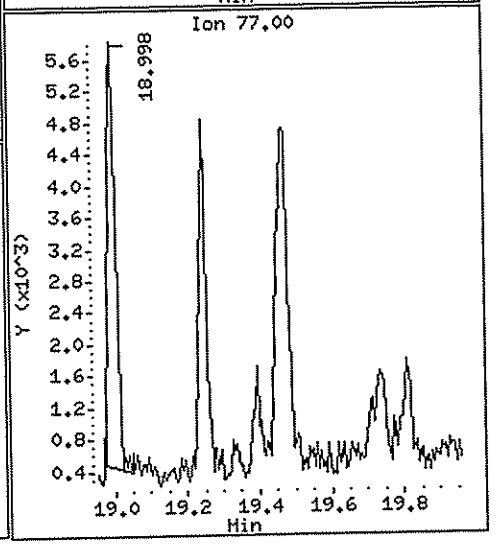


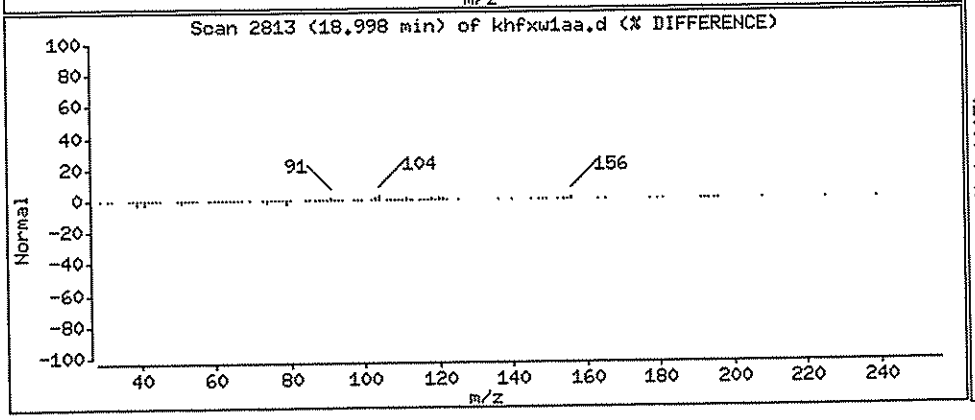












Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d
Report Date: 27-Feb-2008 13:49

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d
Lab Smp Id: KHFXW1AA Client Smp ID: SV-07-03-SS
Inj Date : 26-FEB-2008 15:15
Operator : 3386 Inst ID: mg.i
Smp Info : ,,0,,,
Misc Info : G022608,TO155,seneca.sub,,,,500 ML
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 27-Feb-2008 13:21 layk Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	500.00000	Default sample volume

Cpnd Variable Local Compound Variable

ISTD	RT	HEIGHT	AMOUNT
* 1 Bromochloromethane	9.470	635409	4.000
* 3 Chlorobenzene-d5	16.275	1313189	4.000

		CONCENTRATIONS			QUANT		
RT	HEIGHT	ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	LIBRARY	LIB ENTRY	CPND #
Methyl Alcohol			CAS #: 67-56-1				
4.358	898074	5.65351766	5.654	4	NIST05.1	30	1
Ethyl alcohol			CAS #: 64-17-5				
5.113	487855	3.07112427	3.071	90	NIST05.1	93	1

N/A

KM 2-27-08

Data File: /var/chem/gcms/mg.i/G022608.b/khfxw1aa.d
Report Date: 27-Feb-2008 13:49

		CONCENTRATIONS			QUANT		
RT	HEIGHT	ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	LIBRARY	LIB ENTRY	CPND #
Acetone				CAS #: 67-64-1			
5.798	292842	1.84348664	1.843	9	NIST05.1	211	1
1R-.alpha.-Pinene				CAS #: 7785-70-8			
18.071	355593	1.08314340	1.083	97	NIST05.1	15188	3

N/A

↓

KM 8-27-08

TestAmerica Buffalo

Client Sample ID: SV-07-03-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 007 **Work Order #** KHFX01AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058104
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**0.015**	**0.080**	**0.11**	**J**	**0.56**
Ethylbenzene	**0.26**	**0.080**	**1.1**		**0.35**
Trichlorofluoromethane	**0.20**	**0.080**	**1.1**		**0.45**
n-Heptane	**0.37**	**0.20**	**1.5**		**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.75**	**0.20**	**2.6**		**0.70**
2,2,4-Trimethylpentane	**0.052**	**0.20**	**0.24**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.46**	**0.20**	**1.6**	**B**	**0.69**
2-Methylnaphthalene	ND	1.0	ND		5.8
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.35**	**0.080**	**1.1**		**0.26**
n-Octane	**0.14**	**0.16**	**0.66**	**J**	**0.75**
Pentane	**1.7**	**0.32**	**5.1**		**0.94**
Styrene	**0.039**	**0.080**	**0.17**	**J**	**0.34**
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.30**	**0.080**	**2.0**		**0.54**
Toluene	**0.48**	**0.080**	**1.8**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.013**	**0.080**	**0.073**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.18**	**0.080**	**0.87**		**0.39**
1,3,5-Trimethylbenzene	**0.066**	**0.080**	**0.32**	**J**	**0.39**
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.22**	**0.080**	**0.94**		**0.35**
1-Methylnaphthalene	ND	1.0	ND		5.8
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	**0.16**	**0.40**	**0.93**	**J**	**2.3**
n-Dodecane	ND	0.40	ND		2.8
n-Undecane	**0.066**	**0.40**	**0.42**	**J**	**2.6**
1,1,2-Trichlorotrifluoroethane	**0.061**	**0.080**	**0.47**	**J**	**0.61**
Nonane	**0.16**	**0.16**	**0.82**		**0.84**
m-Xylene & p-Xylene	**0.69**	**0.080**	**3.0**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**7.2**	**0.16**	**17**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Indene	ND	0.16	ND		0.76
Thiophene	ND	0.080	ND		0.28

TestAmerica Buffalo

Client Sample ID: SV-07-03-INA

GC/MS Volatiles

Lot-Sample # H8B210257 - 007 **Work Order #** KHFX01AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
Carbon tetrachloride	**0.081**	**0.080**	**0.51**		**0.50**
Chlorobenzene	ND	0.080	ND		0.37
1,2,3-Trimethylbenzene	ND	0.080	ND		0.39
Chloroethane	ND	0.080	ND		0.21
Chloroform	**0.017**	**0.080**	**0.081**	**J**	**0.39**
Chloromethane	**0.51**	**0.20**	**1.1**		**0.41**
2-Methylbutane	**2.3**	**0.20**	**6.9**		**0.59**
Indane	ND	0.080	ND		0.39
1,2-Dichlorobenzene	ND	0.080	ND		0.48
1,3-Dichlorobenzene	ND	0.080	ND		0.48
1,4-Dichlorobenzene	ND	0.080	ND		0.48
Dichlorodifluoromethane	**0.43**	**0.080**	**2.1**		**0.40**
1,1-Dichloroethane	ND	0.080	ND		0.32
1,2-Dichloroethane	ND	0.080	ND		0.32
1,1-Dichloroethene	ND	0.080	ND		0.32
cis-1,2-Dichloroethene	ND	0.080	ND		0.32
1,2-Dichloropropane	ND	0.080	ND		0.37
cis-1,3-Dichloropropene	ND	0.080	ND		0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	105	70 - 130
Toluene-d8	104	70 - 130
4-Bromofluorobenzene	98	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d
Report Date: 27-Feb-2008 10:06

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/khfx01aa.d
Lab Smp Id: KHFX01AA Client Smp ID: SV-07-03-INA
Inj Date : 26-FEB-2008 15:57
Operator : 3386 Inst ID: mg.i
Smp Info : ,,0,,,
Misc Info : G022608,TO155,seneca.sub,,,,500 ML
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 27-Feb-2008 10:05 layk Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	500.00000	Default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
* 1 Bromochloromethane	128	9.470	9.475	(1.000)	222460	4.00000	4.000
* 2 1,4-Difluorobenzene	114	11.616	11.621	(1.000)	726907	4.00000	4.000
* 3 Chlorobenzene-d5	117	16.275	16.280	(1.000)	563912	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	10.483	10.489	(0.902)	208617	4.19010	4.190
$ 5 Toluene-d8	98	14.215	14.215	(0.873)	505711	4.14307	4.143
$ 6 4-Bromofluorobenzene	95	17.893	17.892	(1.099)	401192	3.93691	3.937
9 Dichlorodifluoromethane	85	4.029	4.034	(0.425)	88967	0.43346	0.4335
11 1,2-Dichlorotetrafluoroethane	135	4.234	4.239	(0.447)	1345	0.01521	0.01521
10 Chloromethane	52	4.234	4.239	(0.447)	7482	0.51386	0.5139
14 n-Butane	43	4.514	4.525	(0.477)	601975	7.19105	7.191
19 2-methyl butane	43	5.420	5.425	(0.572)	183302	2.33763	2.338
20 Trichlorofluoromethane	101	5.663	5.668	(0.598)	47753	0.20168	0.2017
24 Pentane	72	5.900	5.905	(0.623)	22551	1.73690	1.737
30 1,1,2-Trichlorotrifluoroethane	101	6.606	6.612	(0.698)	9038	0.06100	0.06100
31 Methylene Chloride	84	6.800	6.811	(0.718)	29152	0.46377	0.4638
38 Hexane	56	8.677	8.682	(0.916)	43554	0.74821	0.7482

Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d
Report Date: 27-Feb-2008 10:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
42	Chloroform	83	9.470	9.480	(1.000)	2687	0.01662	0.01662
44	1,1,1-Trichloroethane	97	10.510	10.521	(1.110)	2339	0.01333	0.01333
47	Benzene	78	11.104	11.109	(0.956)	66028	0.35160	0.3516
49	Carbon Tetrachloride	117	11.125	11.125	(0.958)	13623	0.08142	0.08142
50	2,2,4-trimethylpentane	57	11.810	11.821	(1.017)	15480	0.05155	0.05155
51	Heptane	43	12.171	12.176	(1.048)	44144	0.36761	0.3676
61	Toluene	91	14.323	14.328	(0.880)	91318	0.48164	0.4816
62	1,1,2-Trichloroethane	97	14.226	14.409	(0.874)	56102	0.97317	~~0.9732~~
64	Octane	85	14.975	14.975	(0.920)	9805	0.14133	0.1413
67	Tetrachloroethene	129	15.455	15.455	(0.950)	23820	0.30136	0.3014
69	Ethylbenzene	91	16.598	16.604	(1.020)	50861	0.25589	0.2559
71	Nonane	57	17.143	17.148	(1.053)	20440	0.15626	0.1563
70	m&p-Xylene	91	16.749	16.760	(1.029)	112492	0.68976	0.6898
73	Styrene	104	17.224	17.224	(1.058)	4338	0.03930	0.03930
74	o-Xylene	91	17.283	17.283	(1.062)	36281	0.21601	0.2160
75	1,1,2,2-Tetrachloroethane	83	17.957	17.607	(1.103)	10077	0.07738	~~0.07738~~
81	1,3,5-Trimethylbenzene	120	18.577	18.577	(1.141)	6959	0.06597	0.06596
83	Decane	57	18.831	18.831	(1.157)	28706	0.16046	0.1605
85	1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	43054	0.17691	0.1769
93	Undecane	57	20.098	20.098	(1.235)	14229	0.06561	0.06561
99	~ Thiophene	84	11.098	11.368	(0.955)	23216	0.30503	~~0.3050(A)~~
100	~ 1,2,3-trimethylbenzene	105	18.998	19.456	(1.167)	42504	0.20447	~~0.2045(A)~~

KM 2-27-08

QC Flag Legend

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

Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d
Report Date: 27-Feb-2008 10:06

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: khfx01aa.d
Lab Smp Id: KHFX01AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 3386
Method File: /var/chem/gcms/mg.i/G022608.b/TO155.m
Misc Info: G022608,TO155,seneca.sub,,,,500 ML

Calibration Date: 26-FEB-2008
Calibration Time: 07:50
Client Smp ID: SV-07-03-INA
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	249595	148509	350681	222460	-10.87
2 1,4-Difluorobenze	931673	554345	1309001	726907	-21.98
3 Chlorobenzene-d5	803231	477922	1128540	563912	-29.79

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	9.47	9.14	9.80	9.47	-0.05
2 1,4-Difluorobenze	11.62	11.29	11.95	11.62	-0.04
3 Chlorobenzene-d5	16.28	15.95	16.61	16.27	-0.03

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.

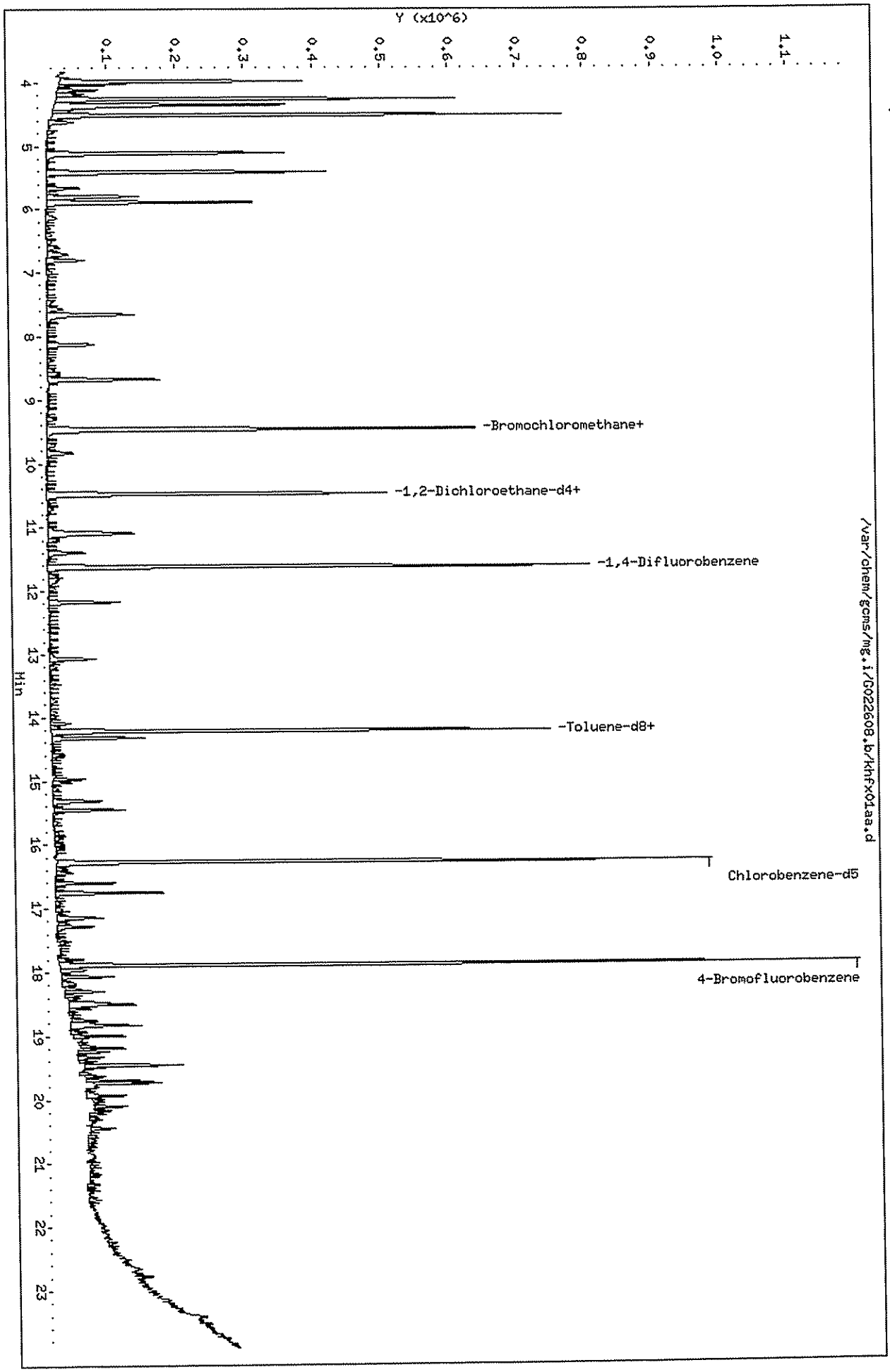
Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d
Report Date: 27-Feb-2008 10:06

TestAmerica Knoxville

RECOVERY REPORT

Client Name: TestAmerica Buffalo
Sample Matrix: GAS
Lab Smp Id: KHFX01AA
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: seneca.sub
Client SDG: H8B210257
Fraction: OTHER
Client Smp ID: SV-07-03-INA
Operator: 3386
SampleType: SAMPLE
Quant Type: ISTD
Method File: /var/chem/gcms/mg.i/G022608.b/TO155.m
Misc Info: G022608,TO155,seneca.sub,,,,500 ML

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	4.000	4.190	104.75	70-130
$ 5 Toluene-d8	4.000	4.143	103.58	70-130
$ 6 4-Bromofluorobenze	4.000	3.937	98.42	70-130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Date : 26-FEB-2008 15:57
Client ID: SV-07-03-INA
Sample Info: ,,0,,,
Purge Volume: 500.0
Column phase: RTX-5
Instrument: mg.i
Operator: 3386
Column diameter: 0.32
Y (x10^6)
Min
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
Chlorobenzene-d5
4-Bromofluorobenzene
/var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

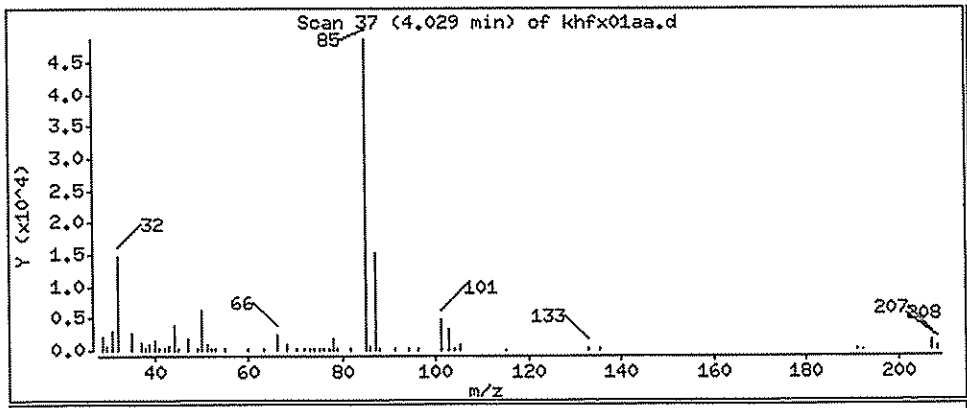
Operator: 3386

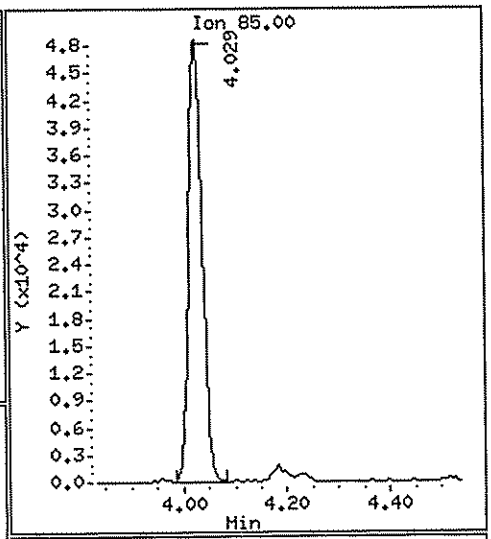
Column phase: RTX-5

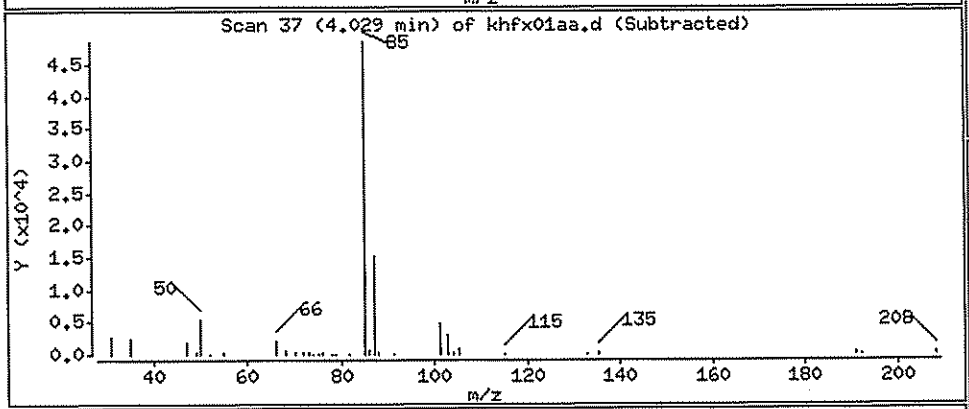
Column diameter: 0.32

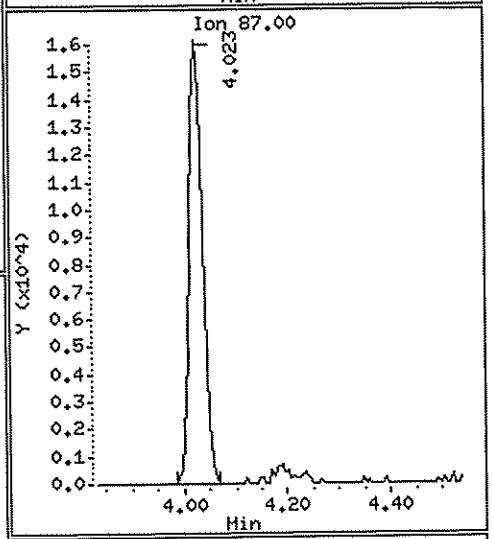
9 Dichlorodifluoromethane

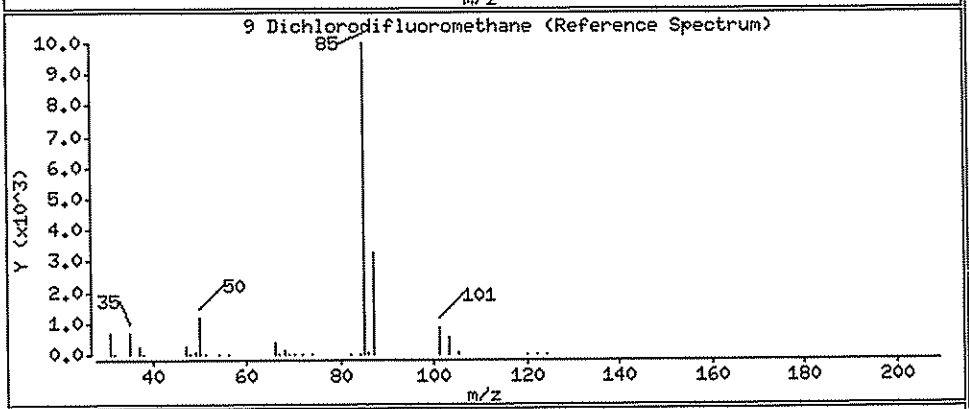
Concentration: 0.4335 ppb(v/v)

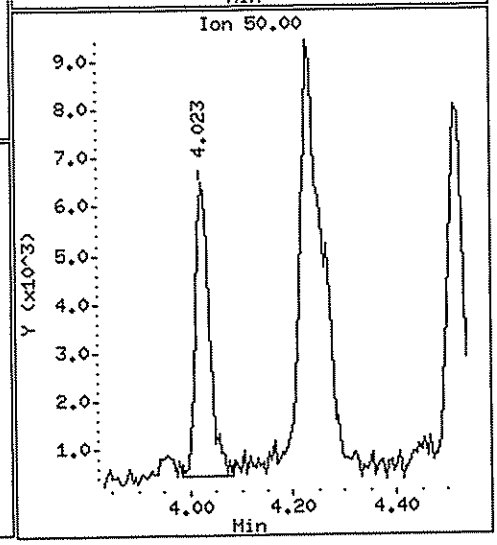


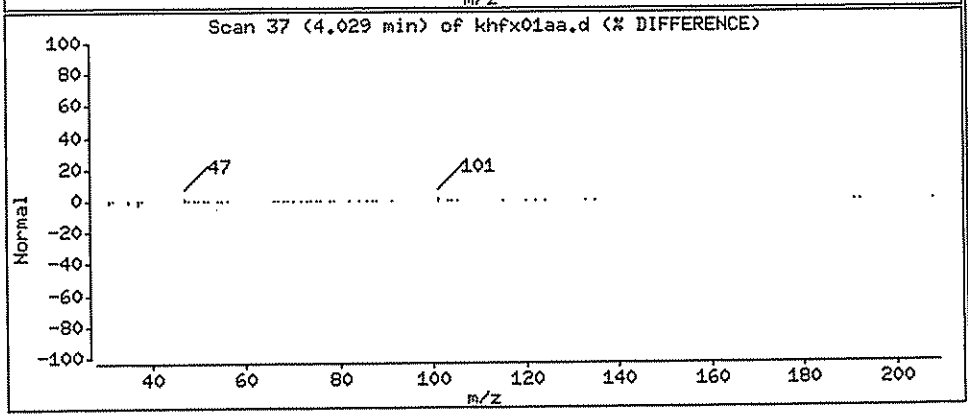












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

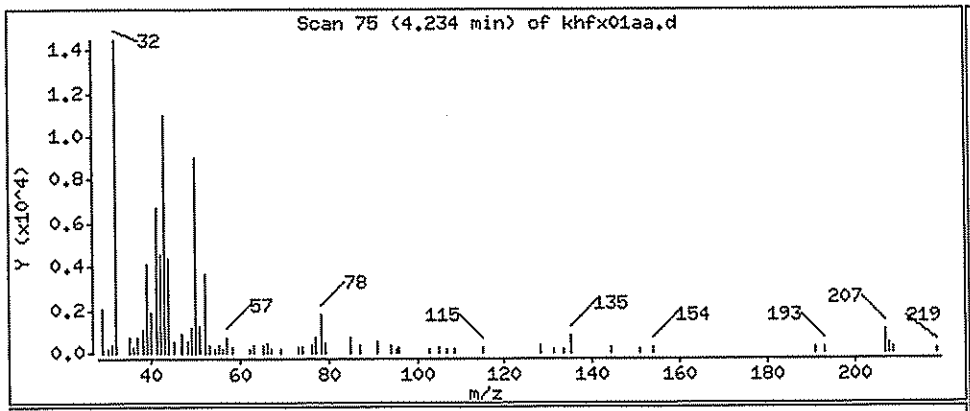
Operator: 3386

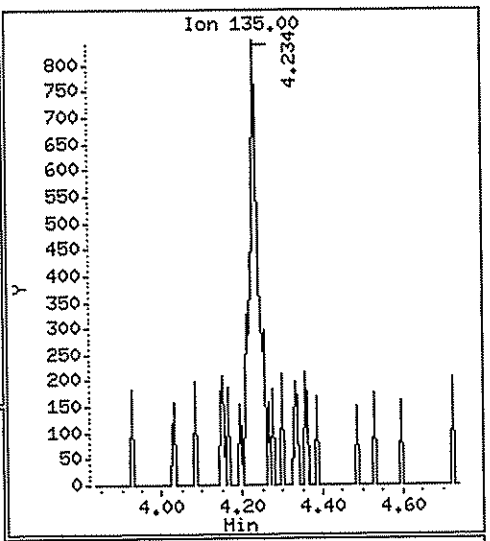
Column phase: RTX-5

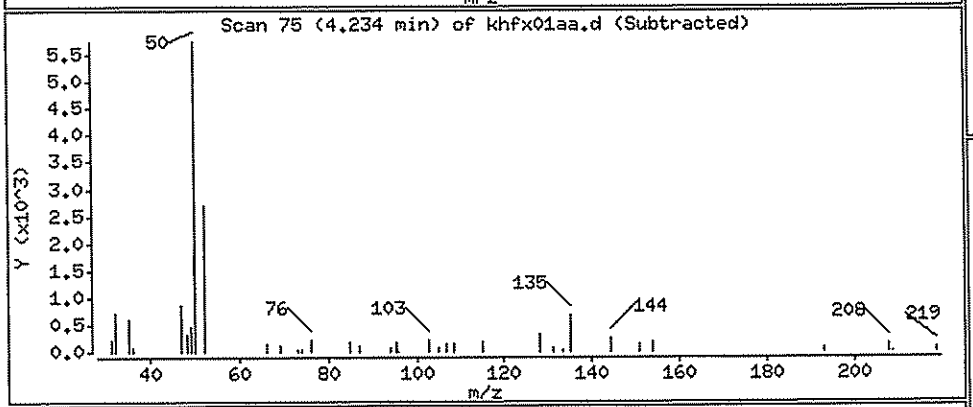
Column diameter: 0.32

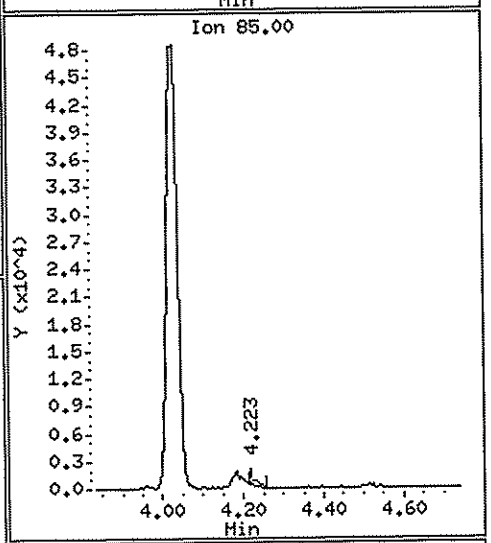
11 1,2-Dichlorotetrafluoroethane

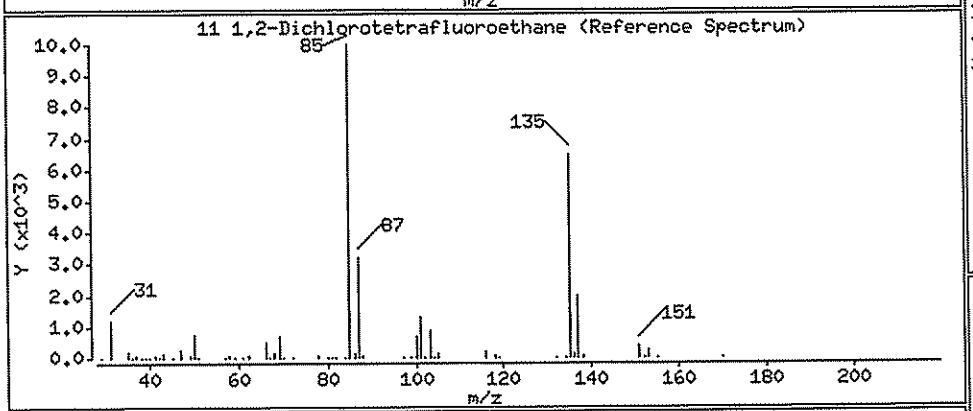
Concentration: 0.01521 ppb(v/v)

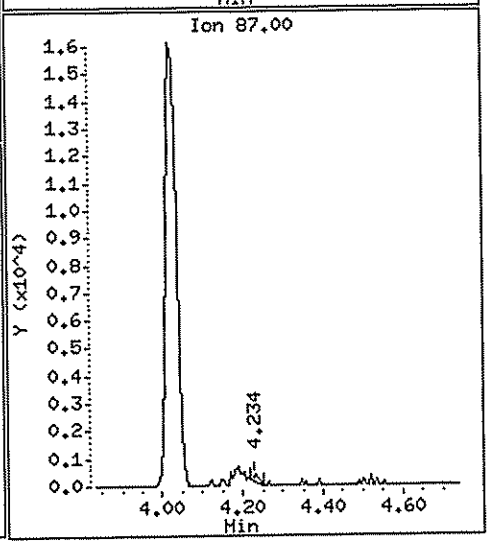


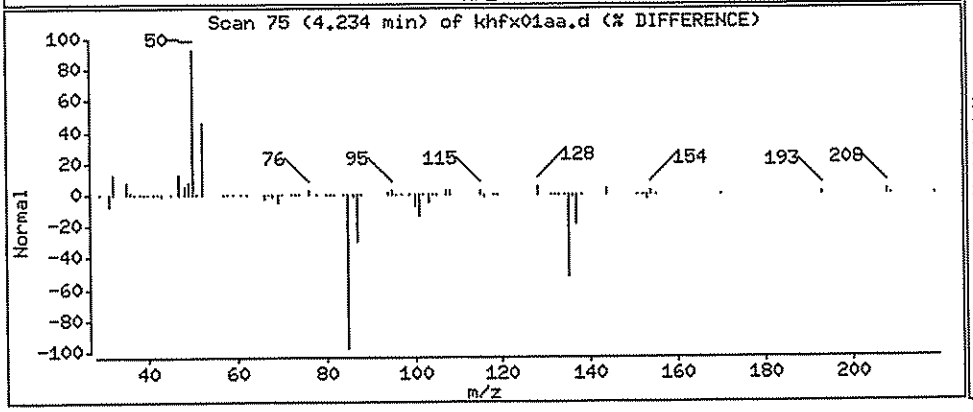












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

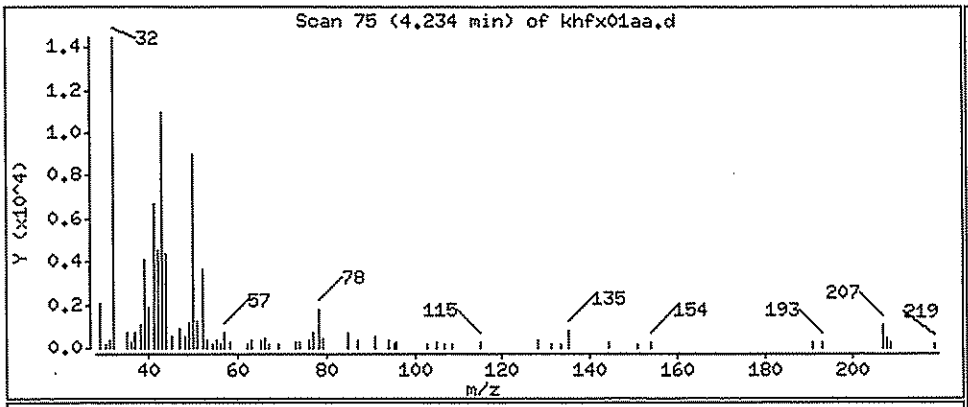
Operator: 3386

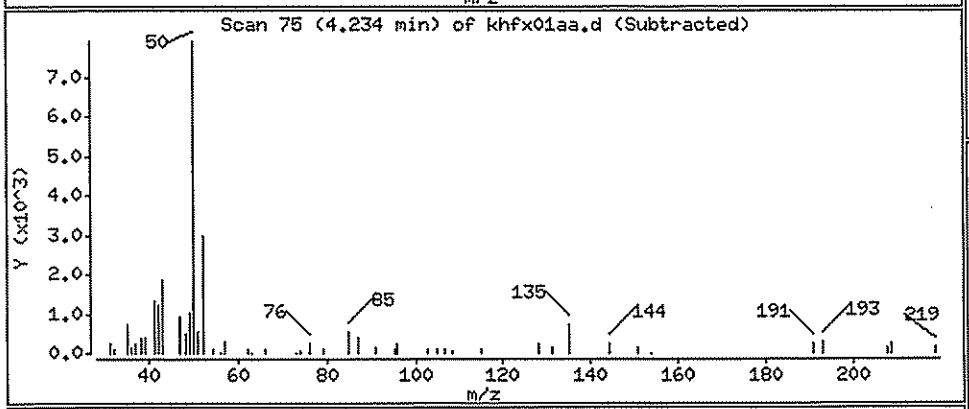
Column phase: RTX-5

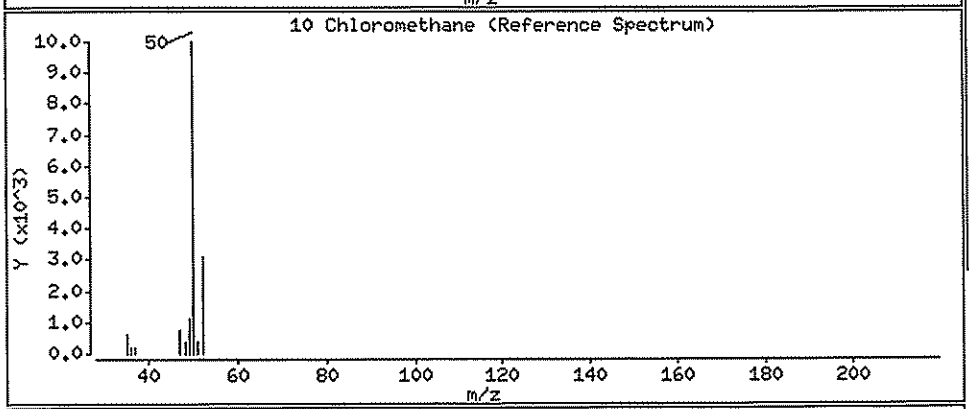
Column diameter: 0.32

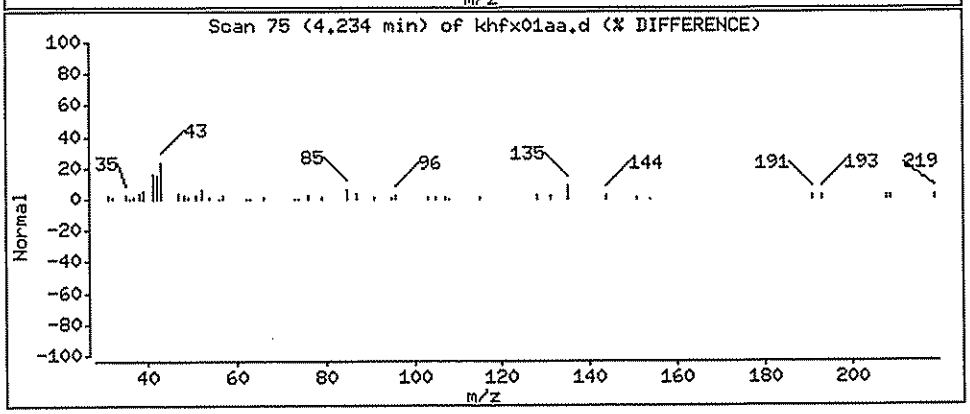
10 Chloromethane

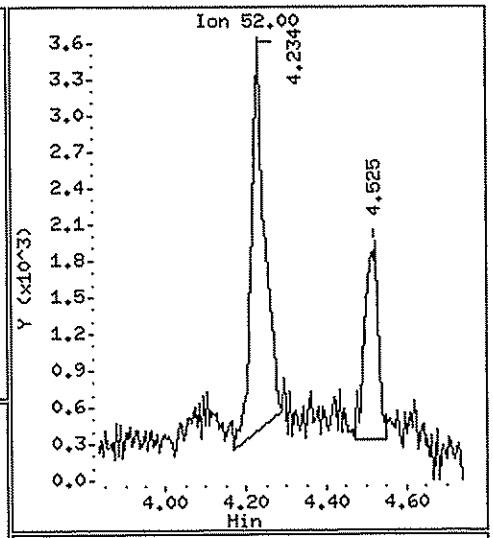
Concentration: 0.5139 ppb(v/v)

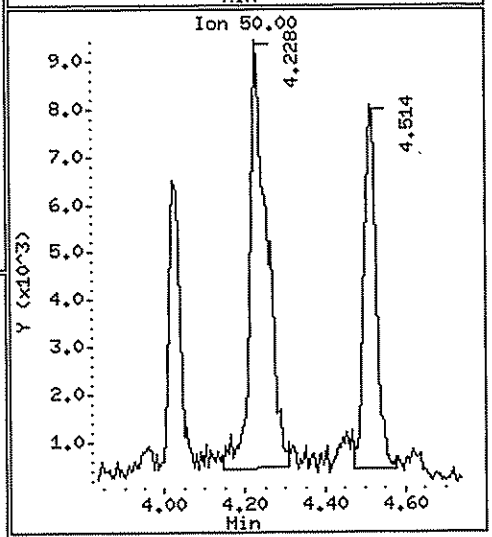












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

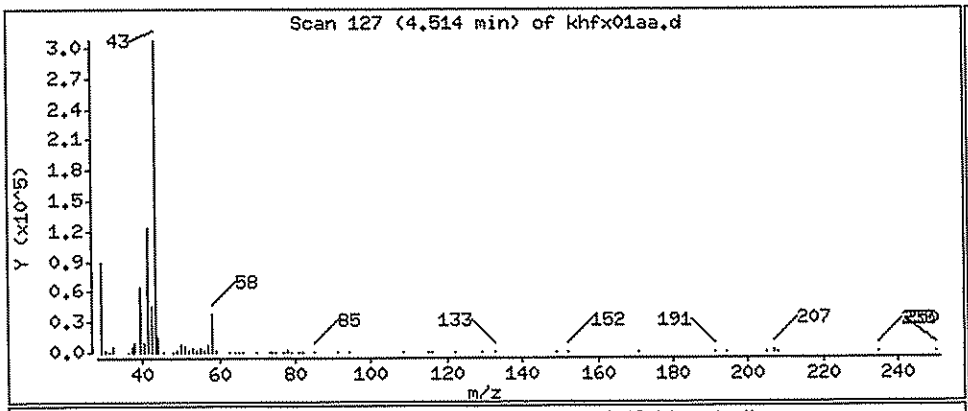
Operator: 3386

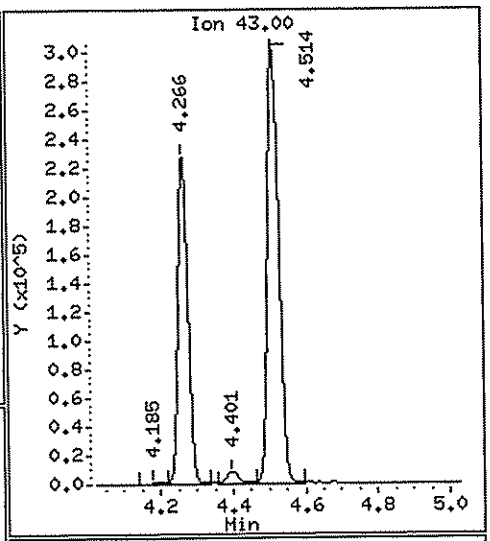
Column phase: RTX-5

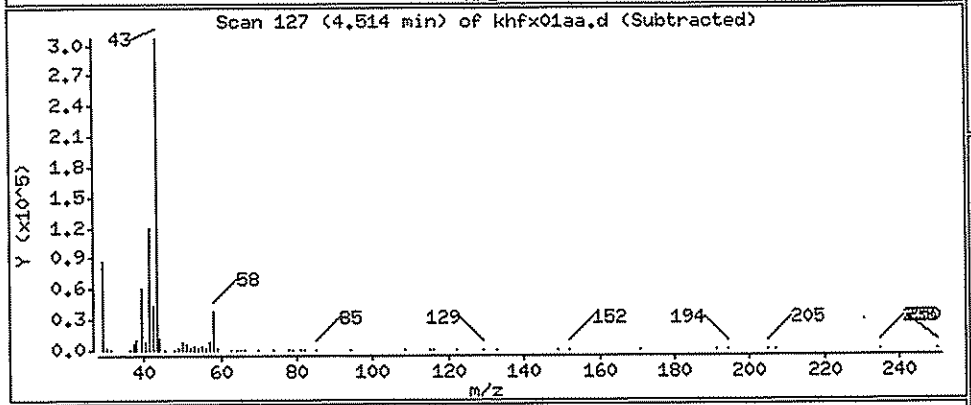
Column diameter: 0.32

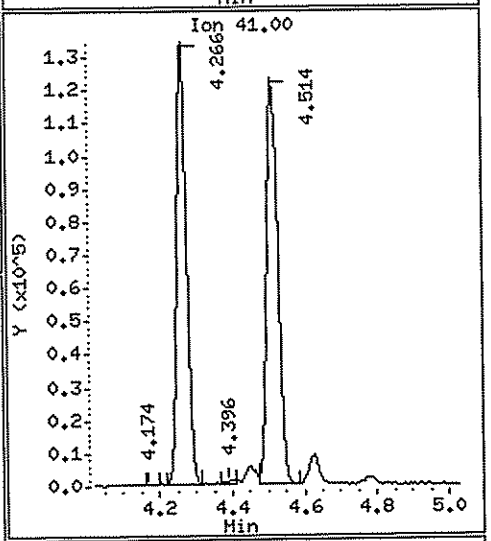
14 n-Butane

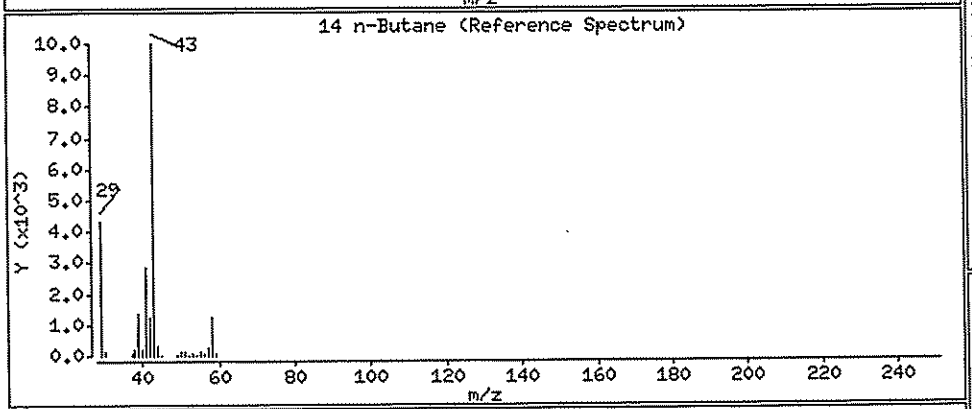
Concentration: 7.191 ppb(v/v)

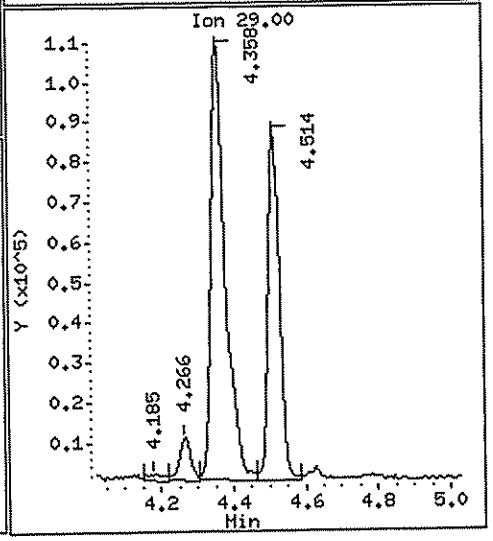


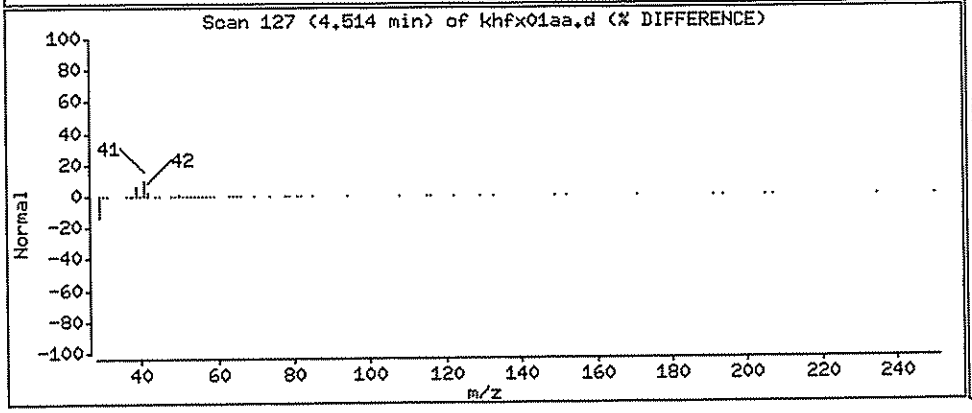












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

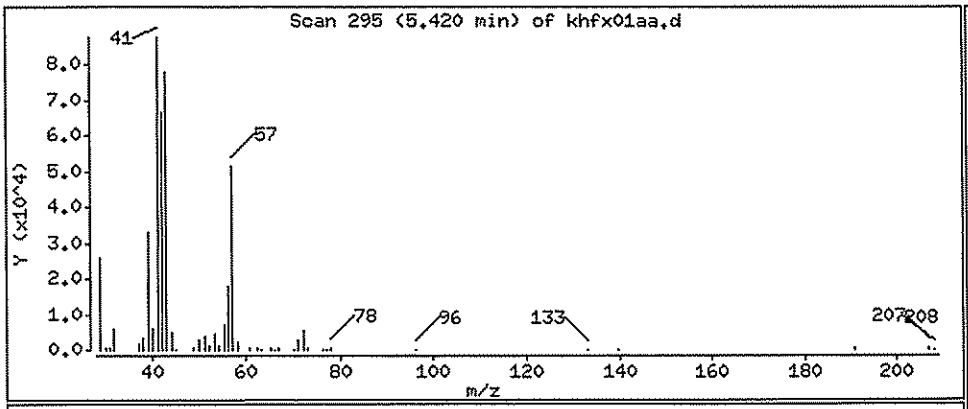
Operator: 3386

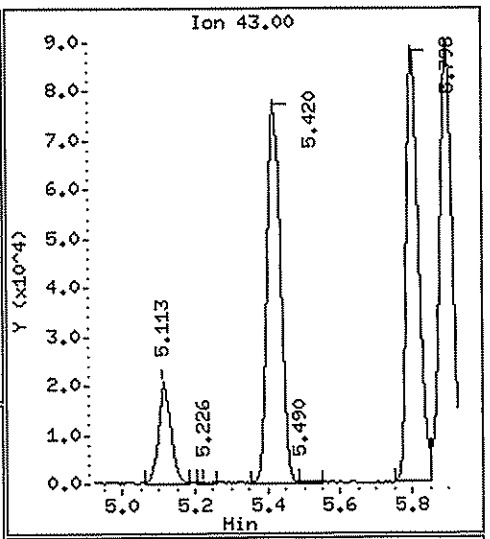
Column phase: RTX-5

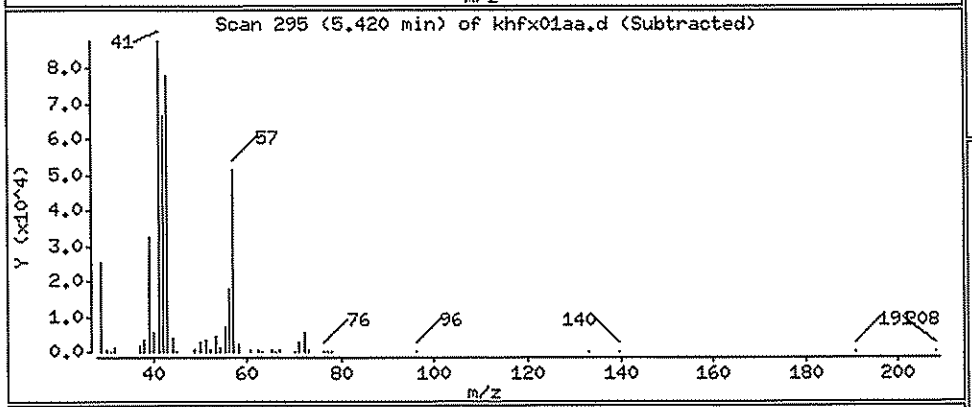
Column diameter: 0.32

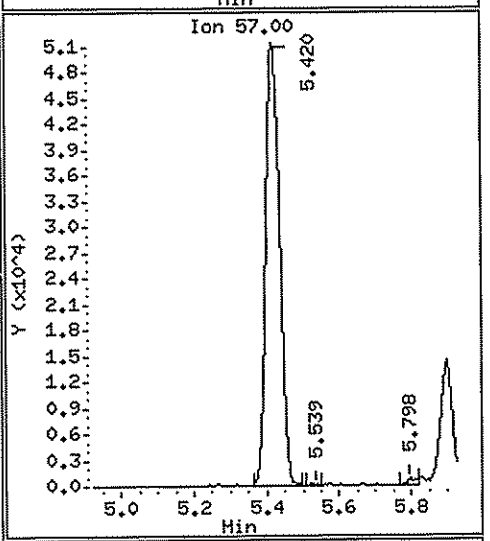
19 2-methyl butane

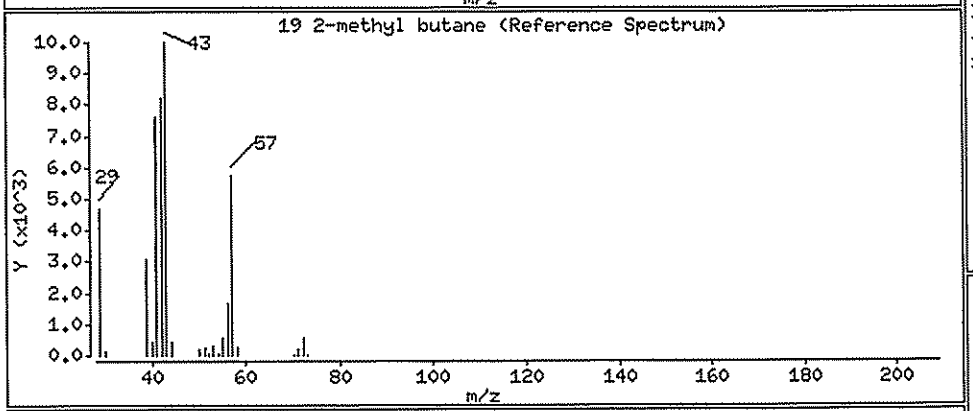
Concentration: 2.338 ppb(v/v)

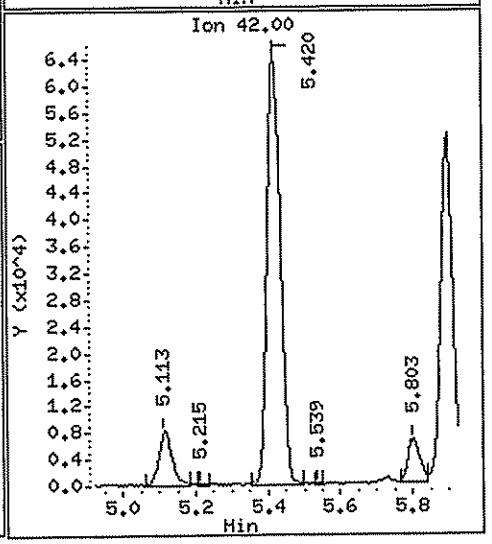


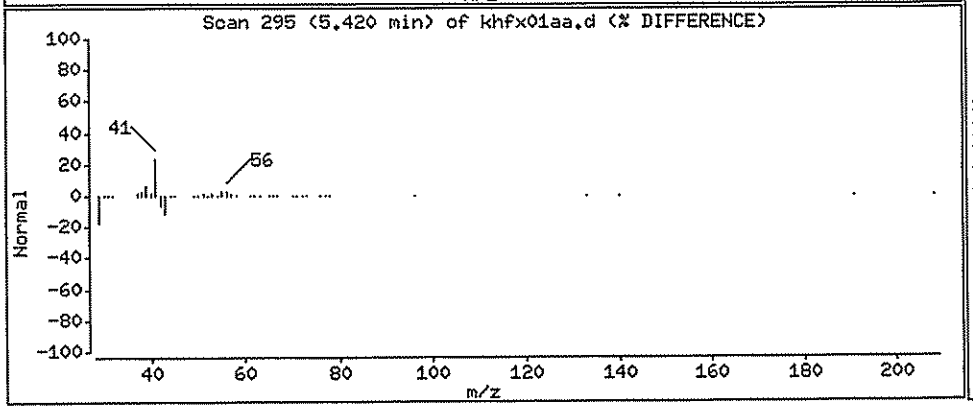












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

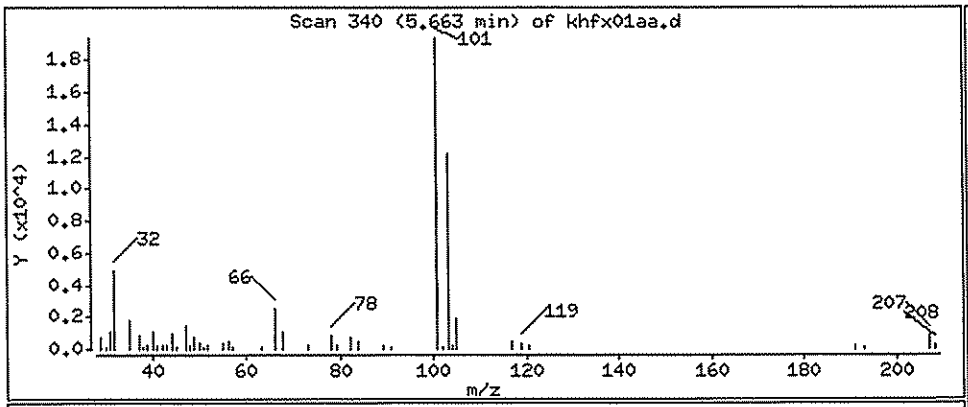
Operator: 3386

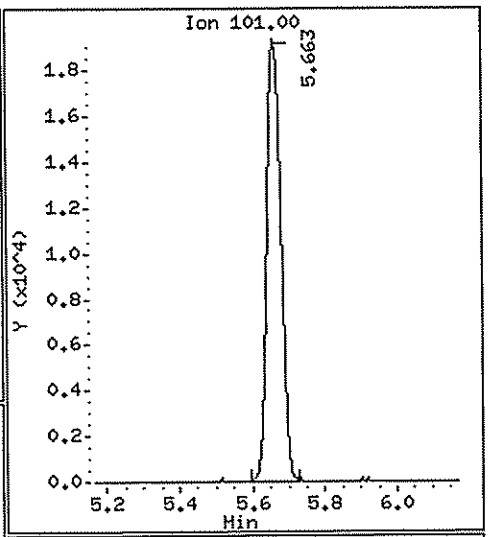
Column phase: RTX-5

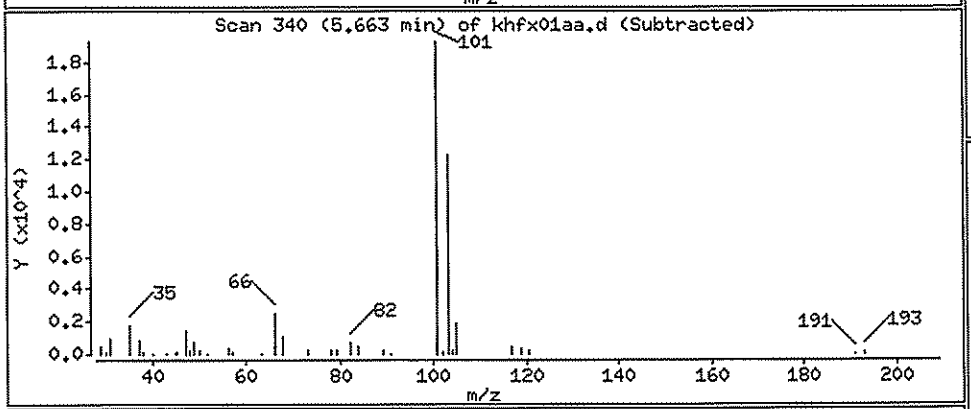
Column diameter: 0.32

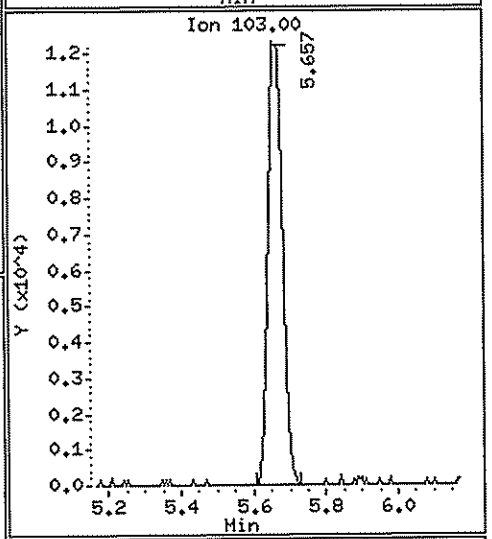
20 Trichlorofluoromethane

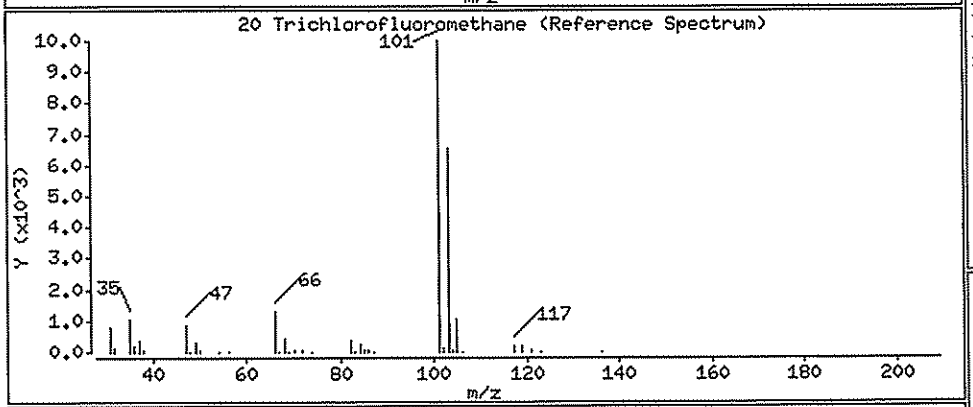
Concentration: 0.2017 ppb(v/v)

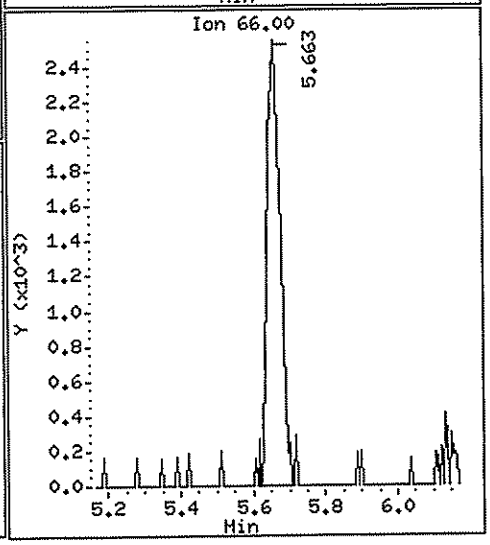


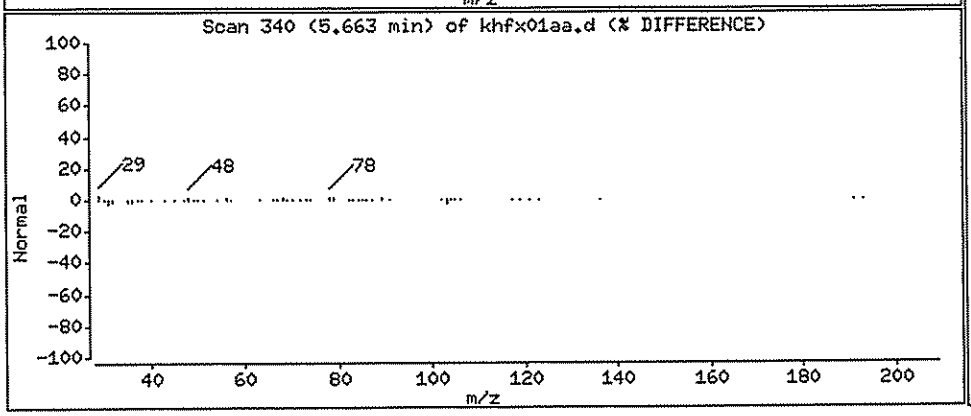












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

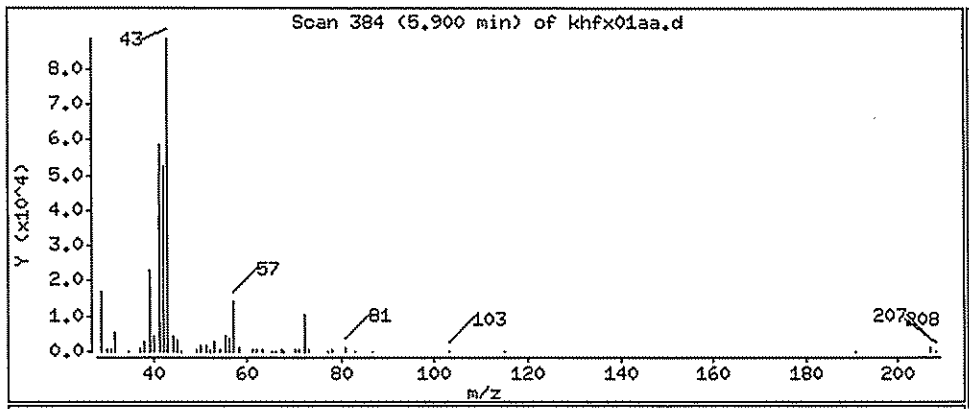
Operator: 3386

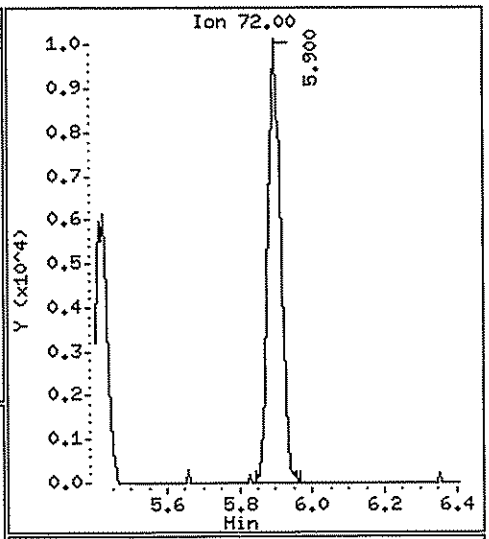
Column phase: RTX-5

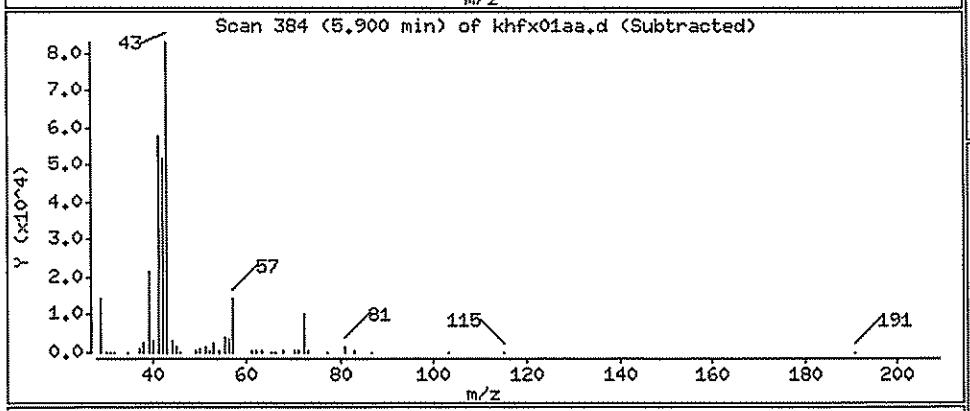
Column diameter: 0.32

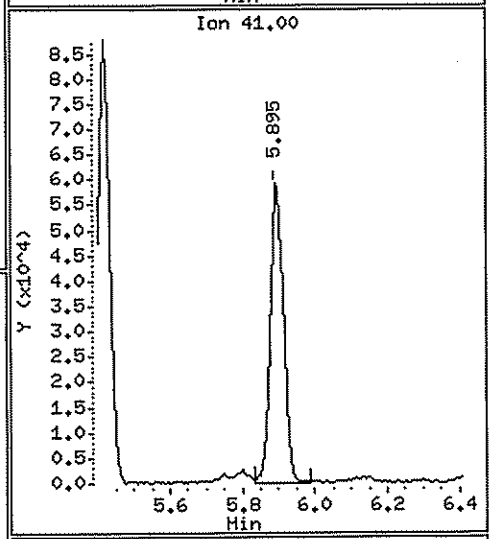
24 Pentane

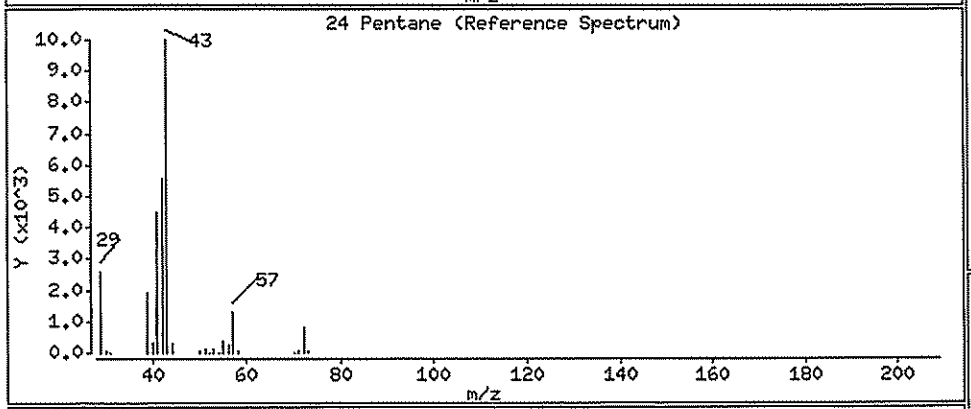
Concentration: 1.737 ppb(v/v)

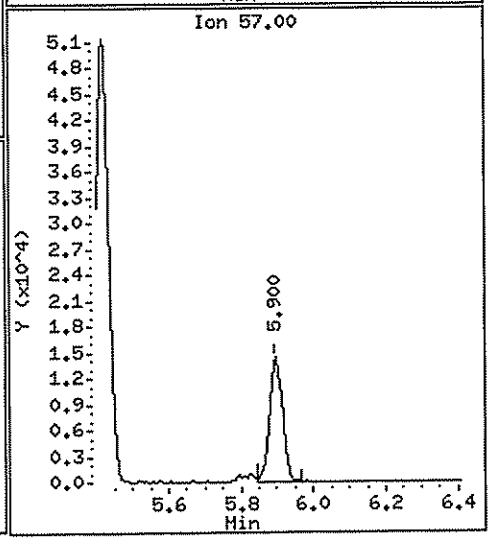


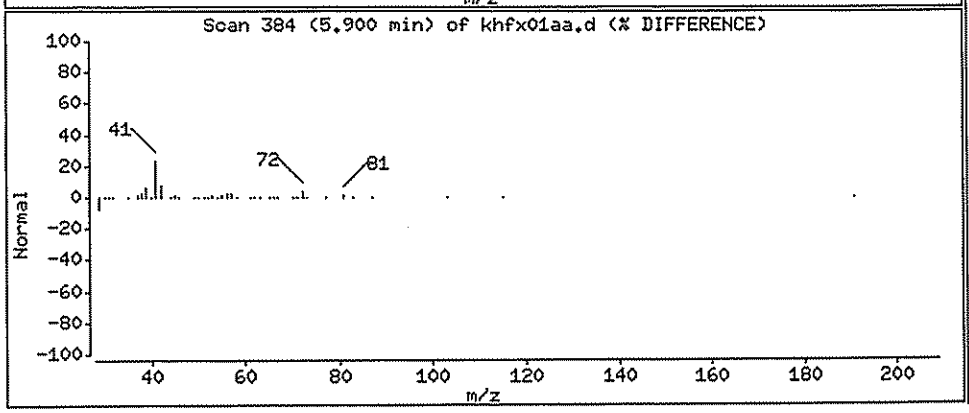












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

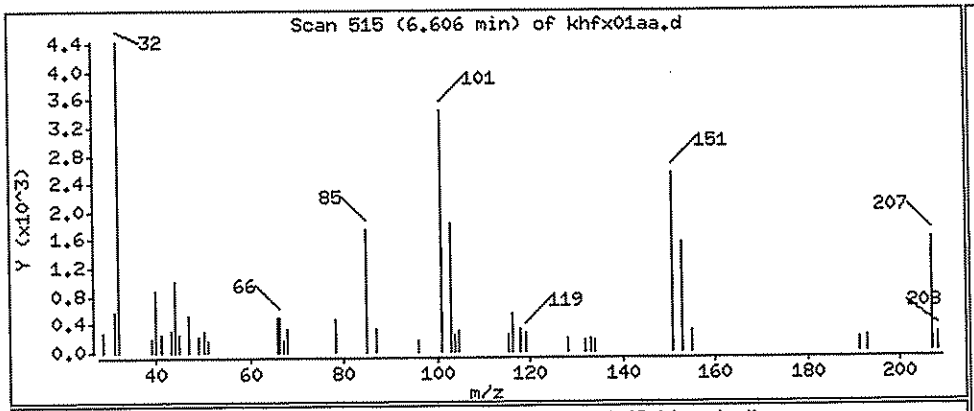
Operator: 3386

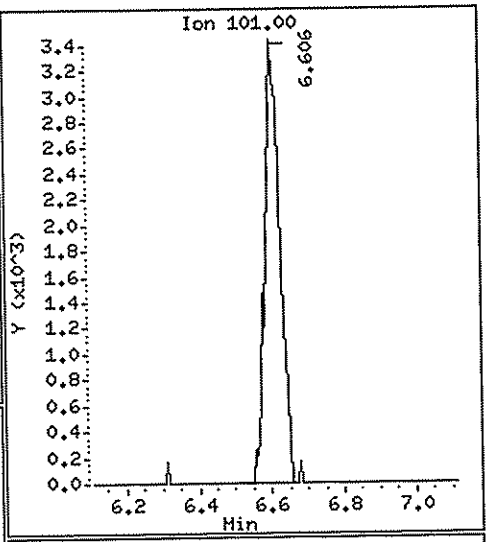
Column phase: RTX-5

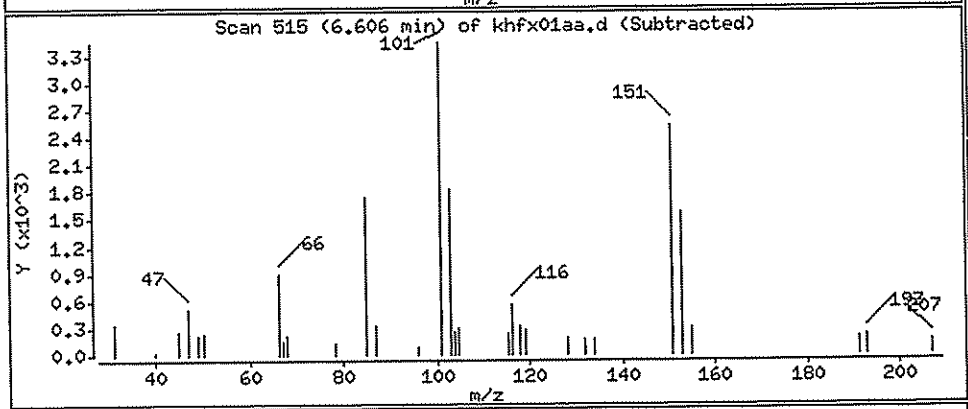
Column diameter: 0.32

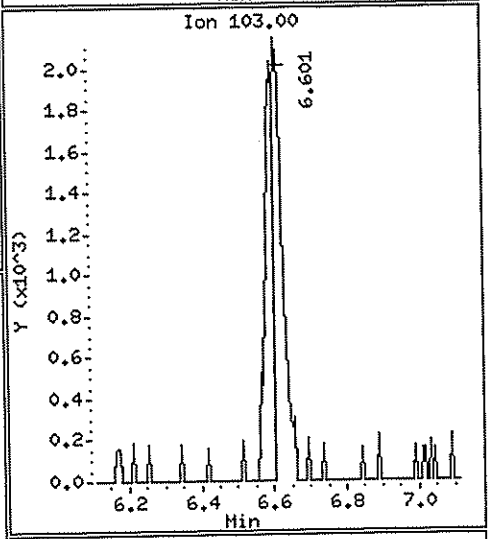
30 1,1,2-Trichlorotrifluoroethane

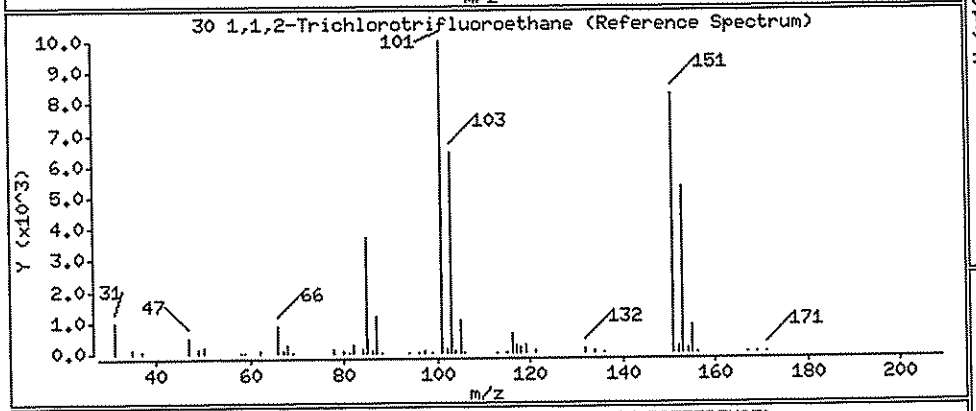
Concentration: 0.06100 ppb(v/v)

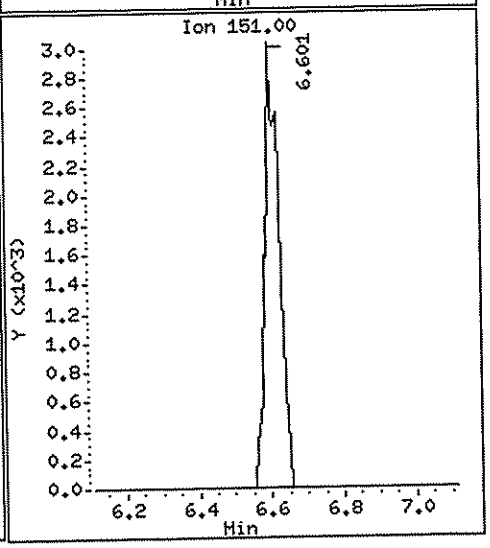


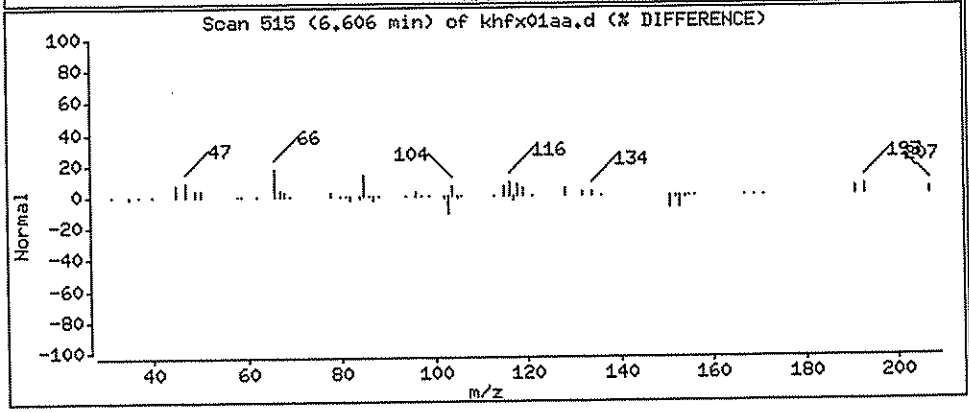












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

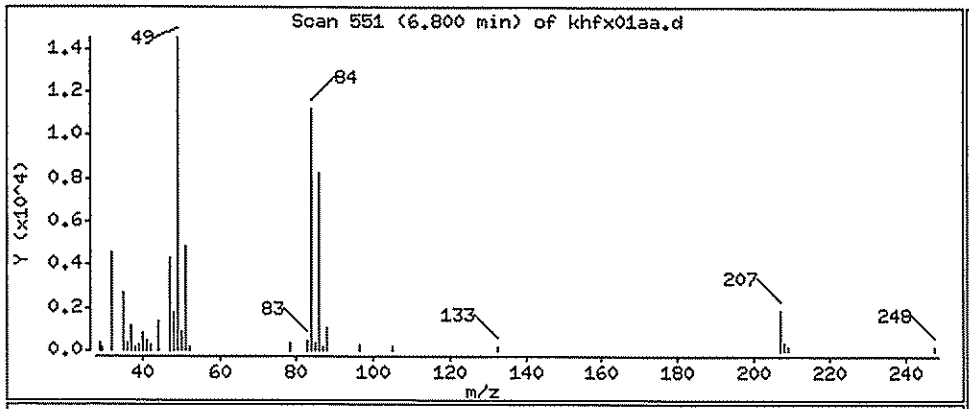
Operator: 3386

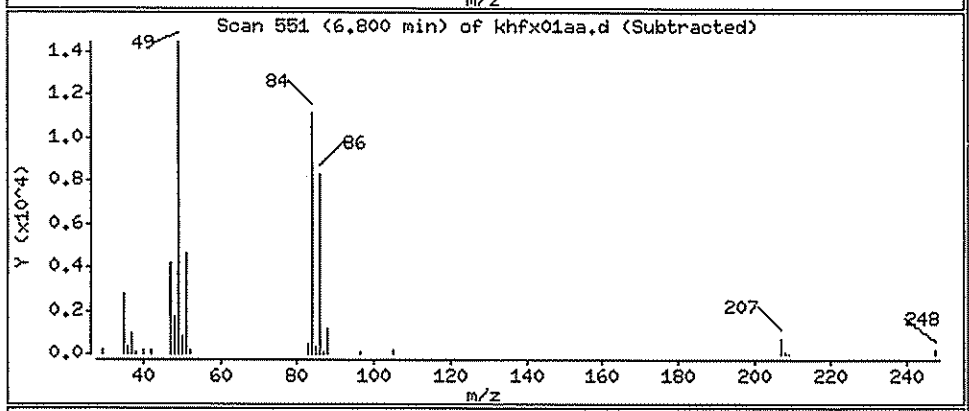
Column phase: RTX-5

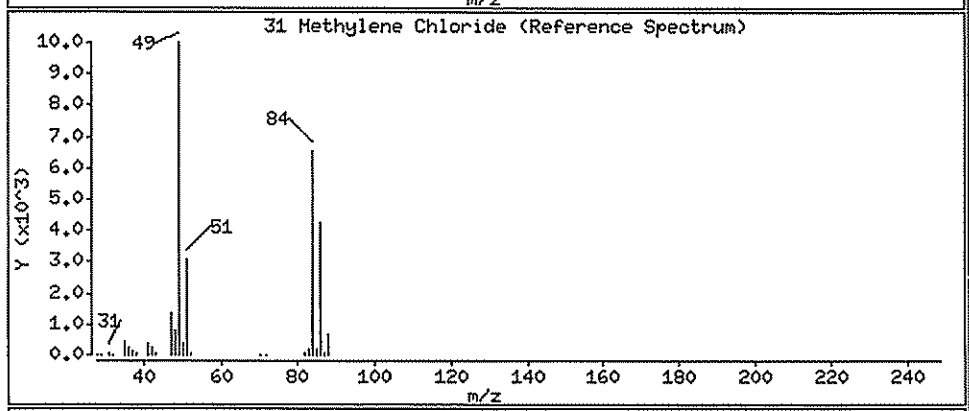
Column diameter: 0.32

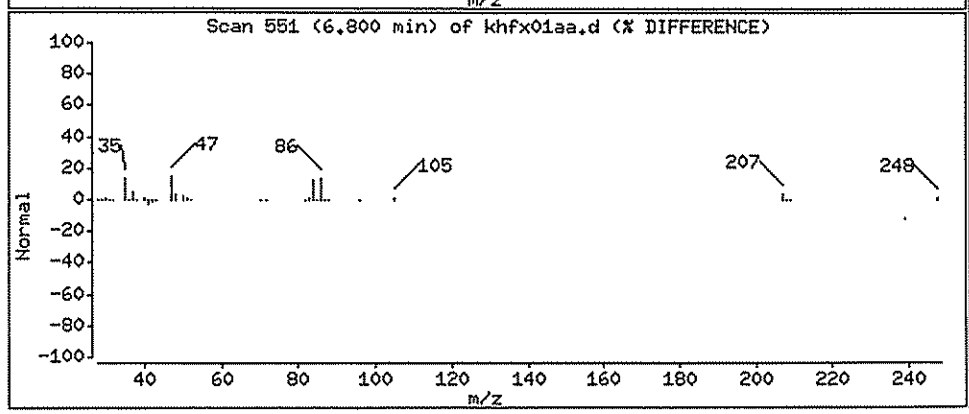
31 Methylene Chloride

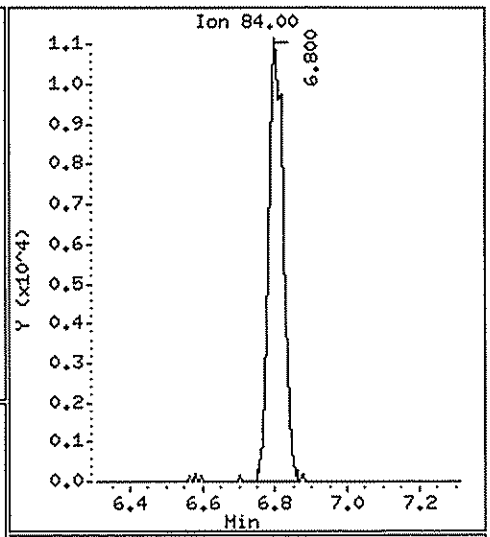
Concentration: 0.4638 ppb(v/v)

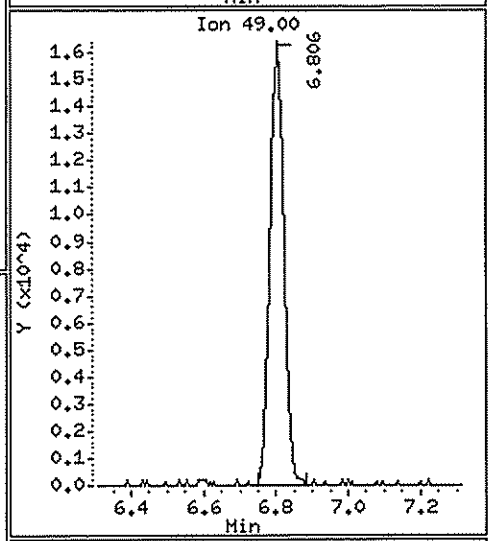


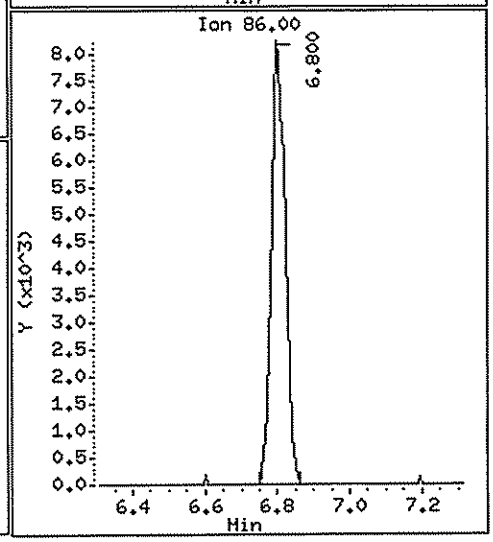












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

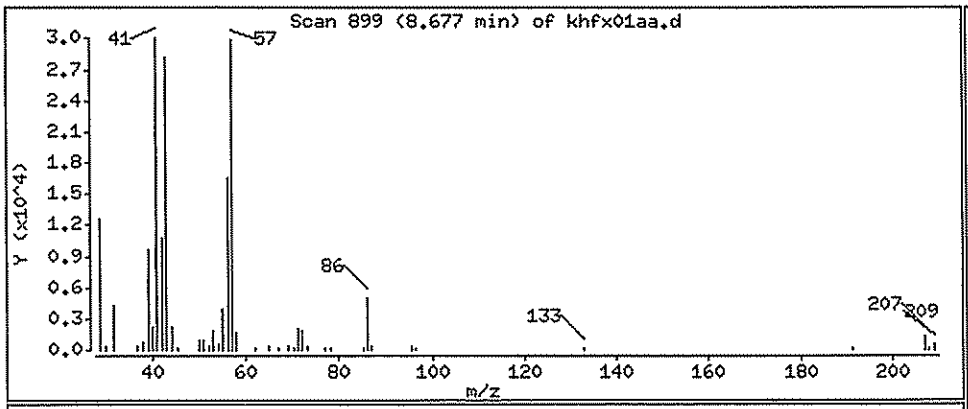
Operator: 3386

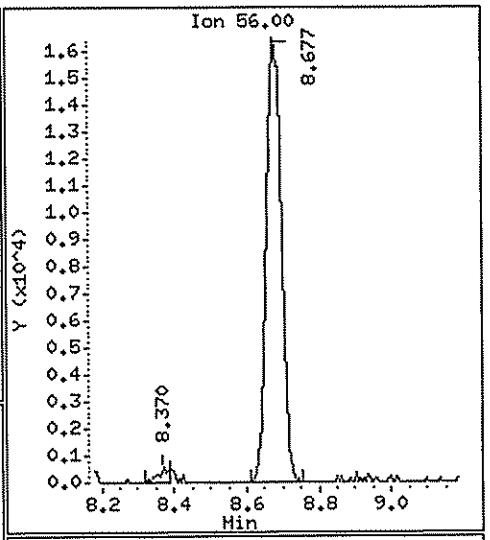
Column phase: RTX-5

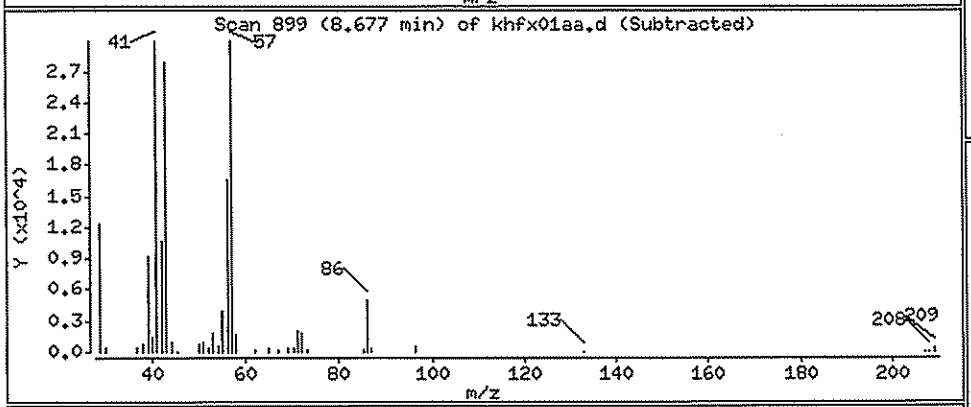
Column diameter: 0.32

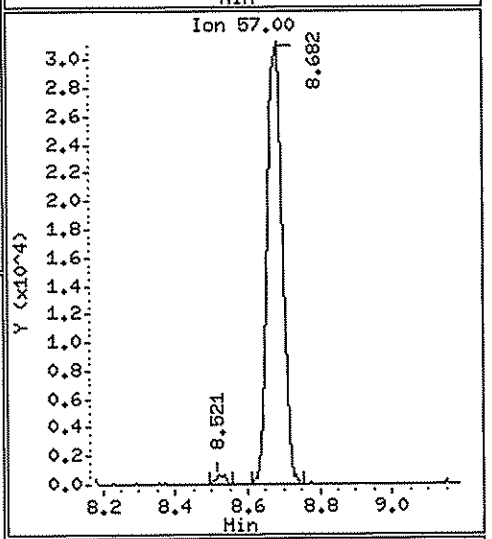
38 Hexane

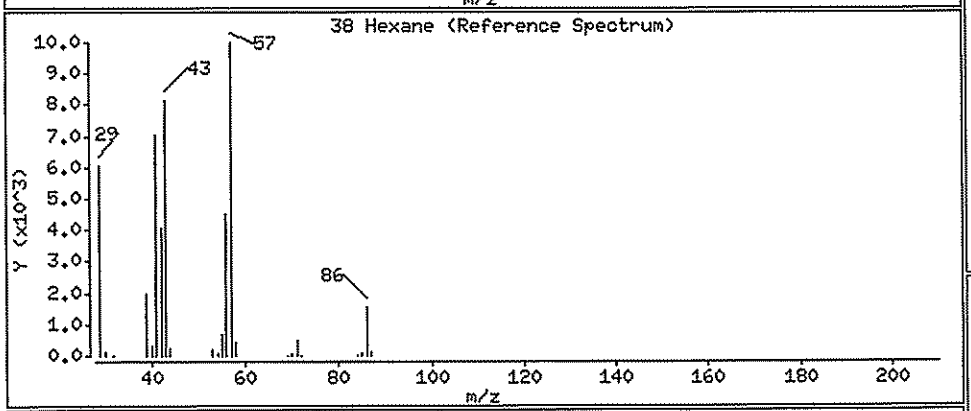
Concentration: 0.7482 ppb(v/v)

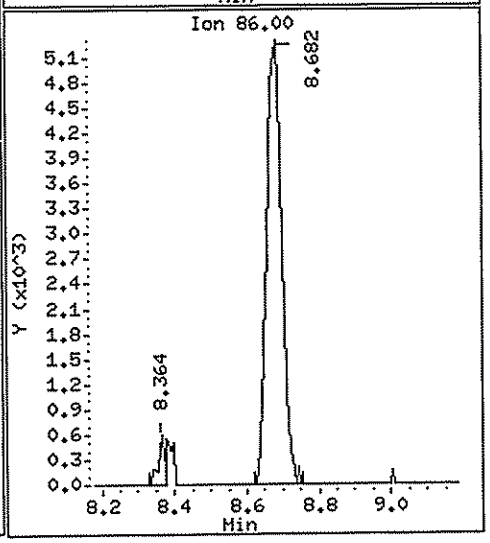


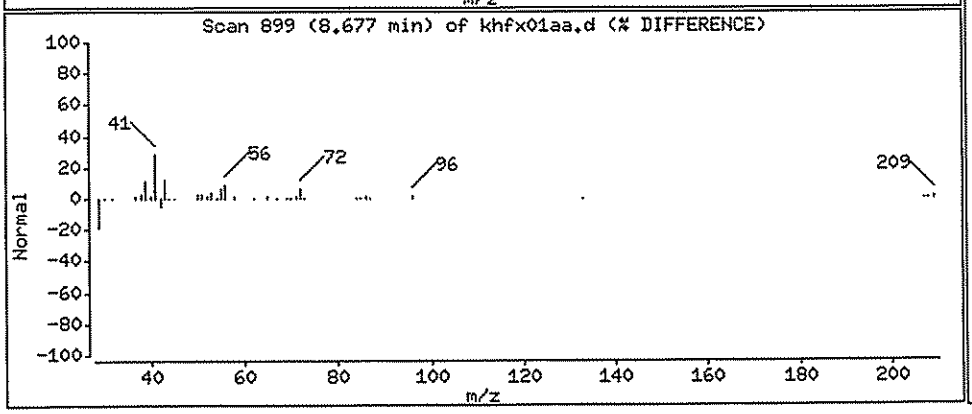












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

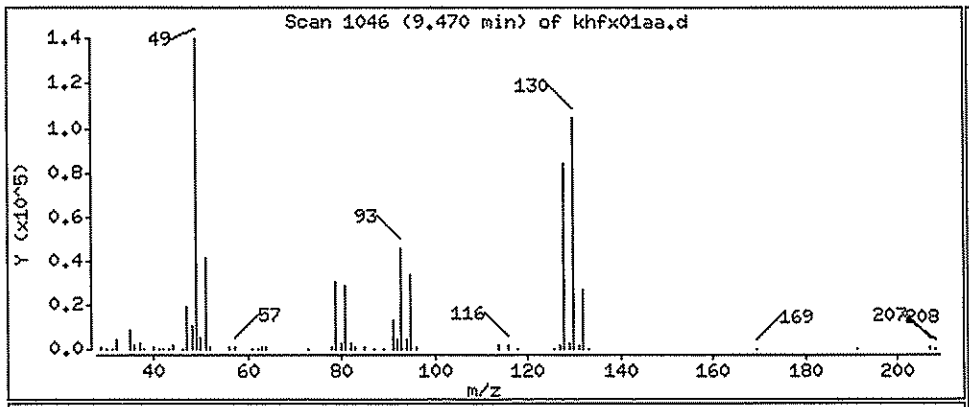
Operator: 3386

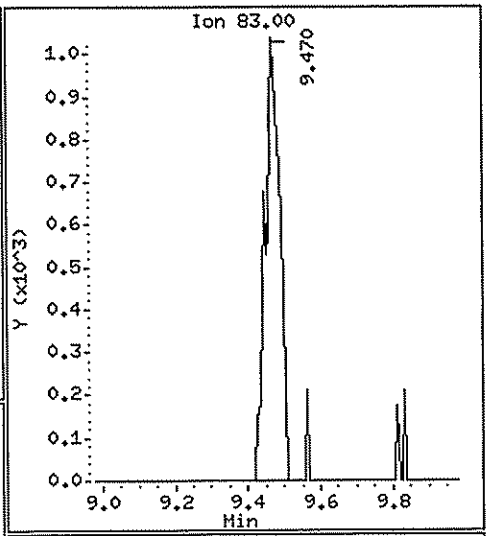
Column phase: RTX-5

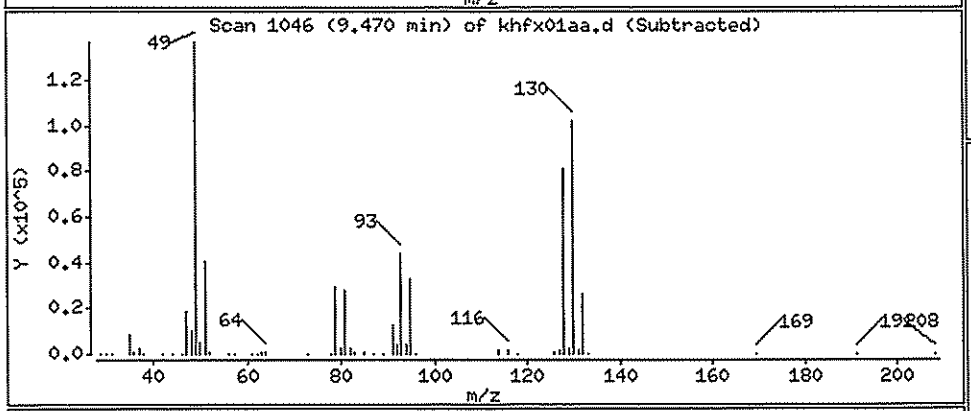
Column diameter: 0.32

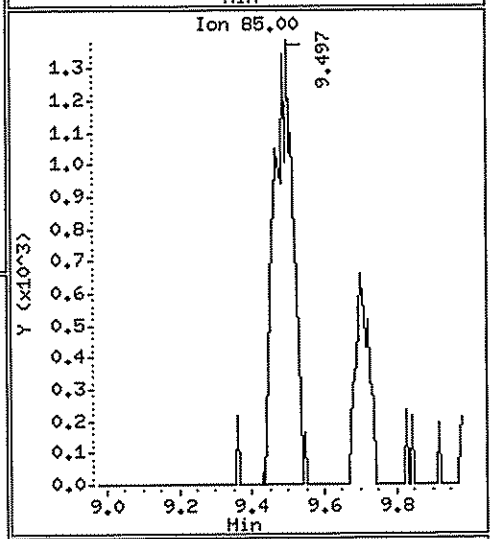
42 Chloroform

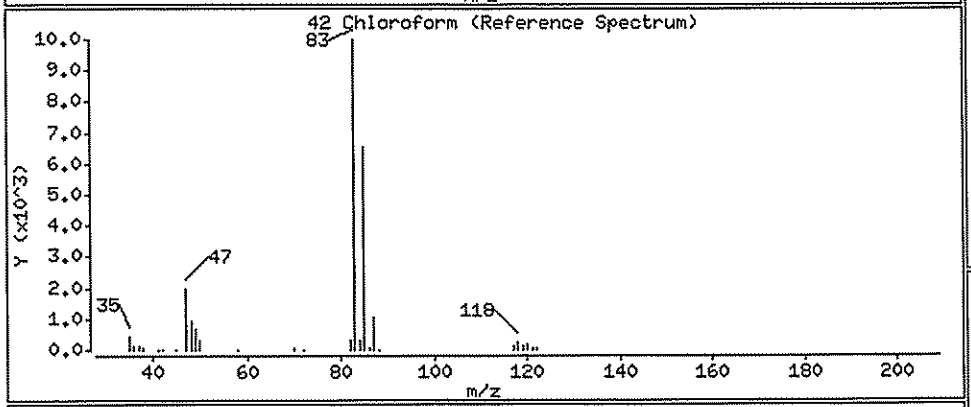
Concentration: 0.01662 ppb(v/v)

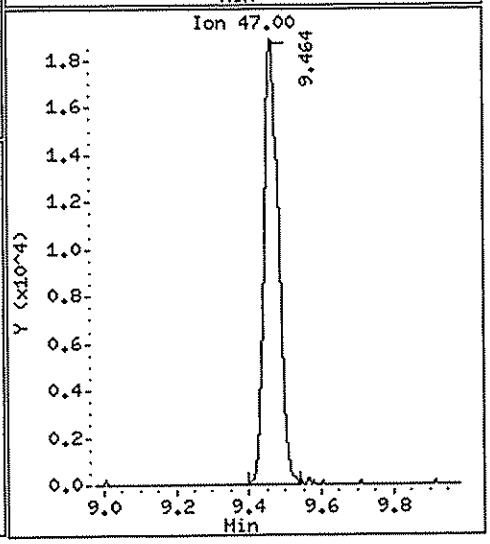


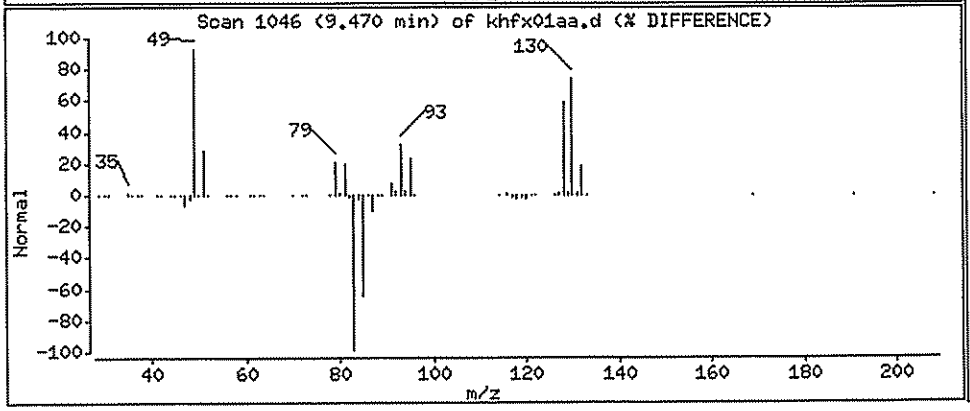












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

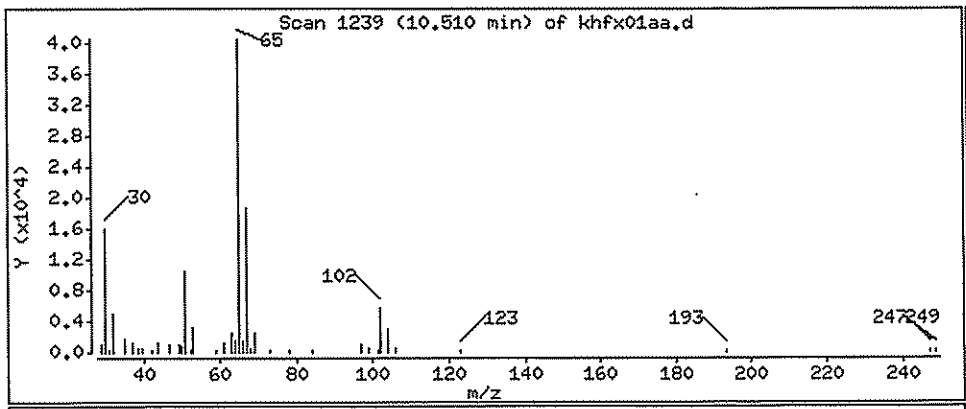
Operator: 3386

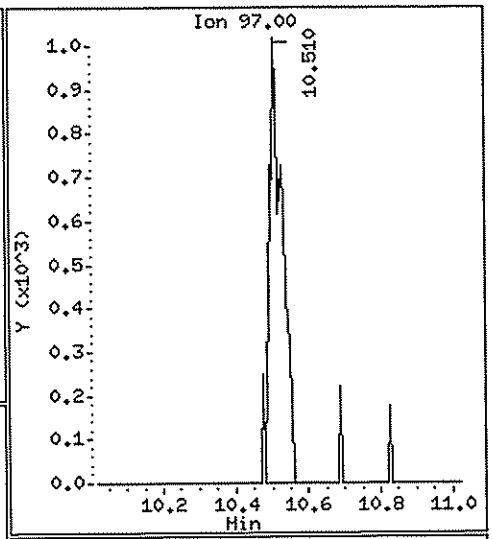
Column phase: RTX-5

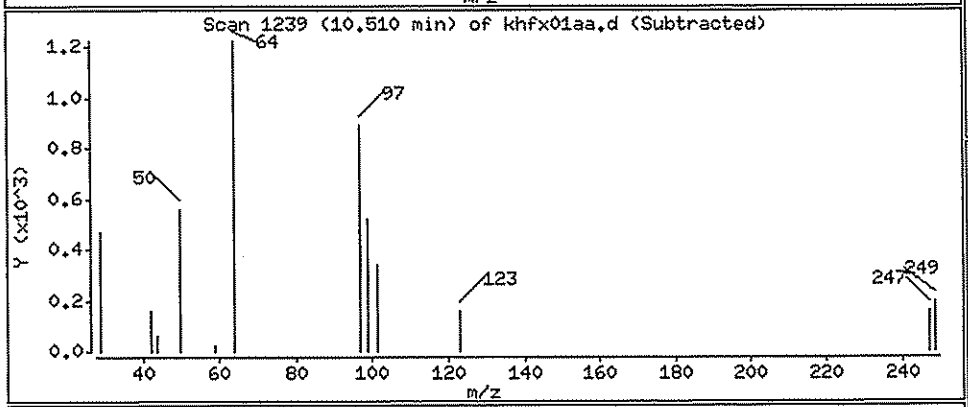
Column diameter: 0.32

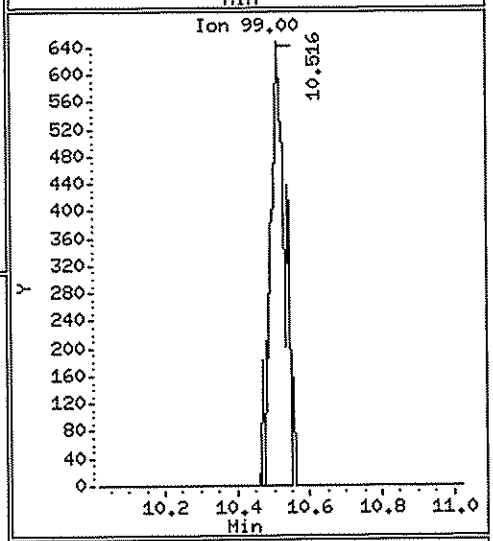
44 1,1,1-Trichloroethane

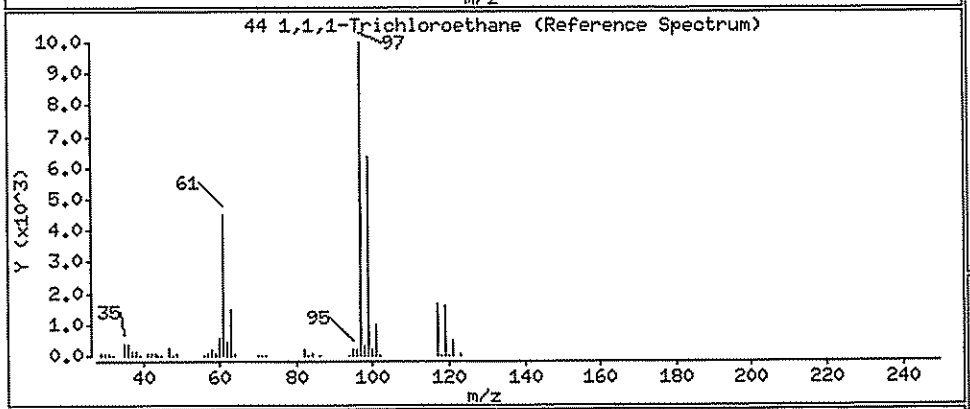
Concentration: 0.01333 ppb(v/v)

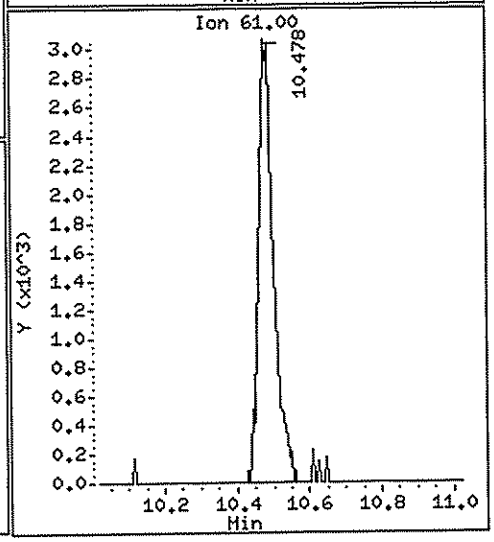


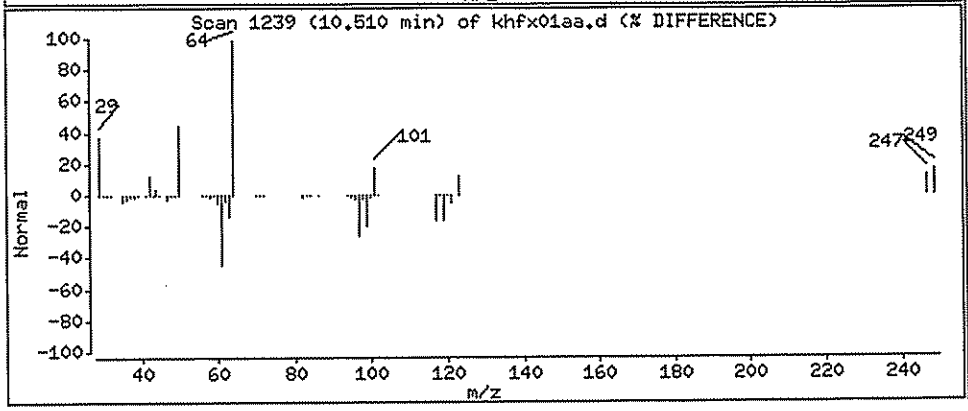












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

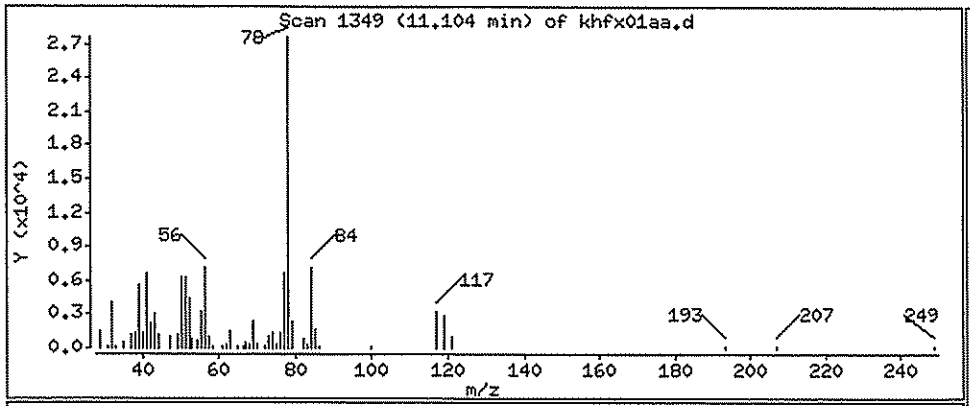
Operator: 3386

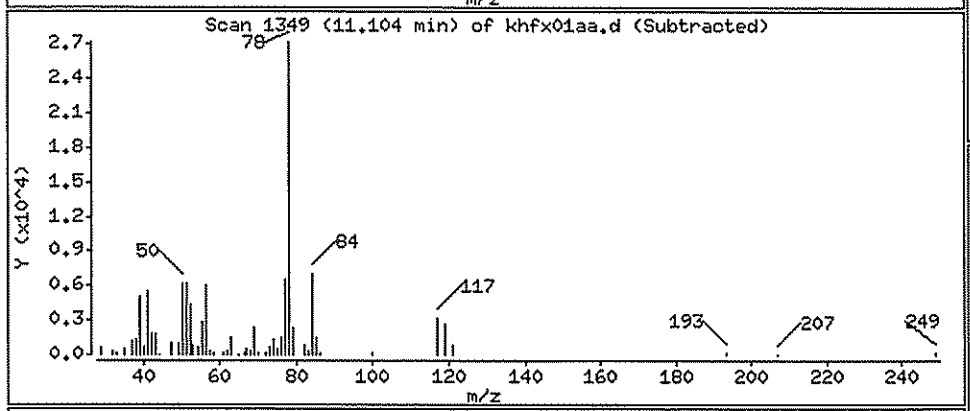
Column phase: RTX-5

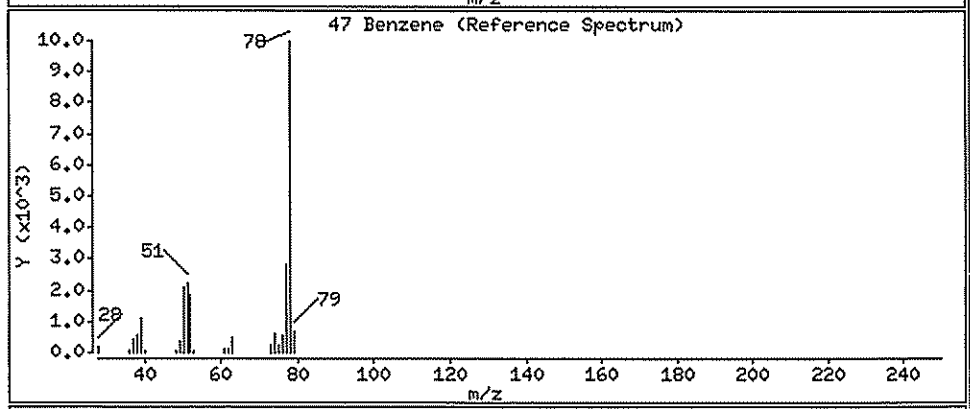
Column diameter: 0.32

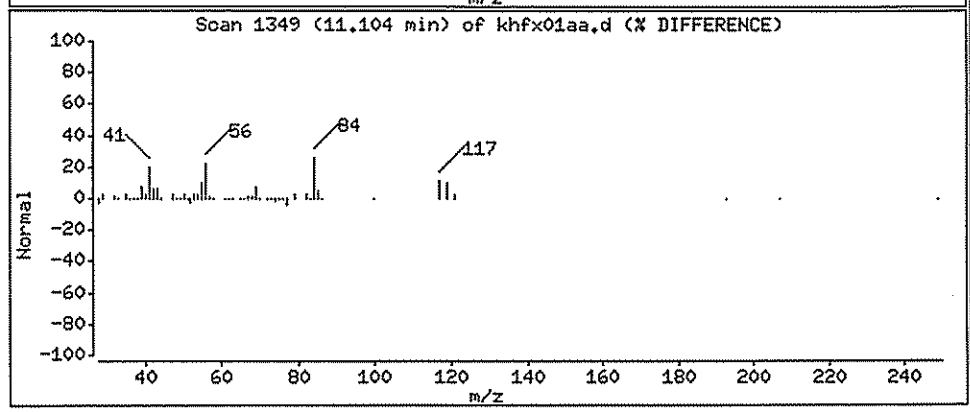
47 Benzene

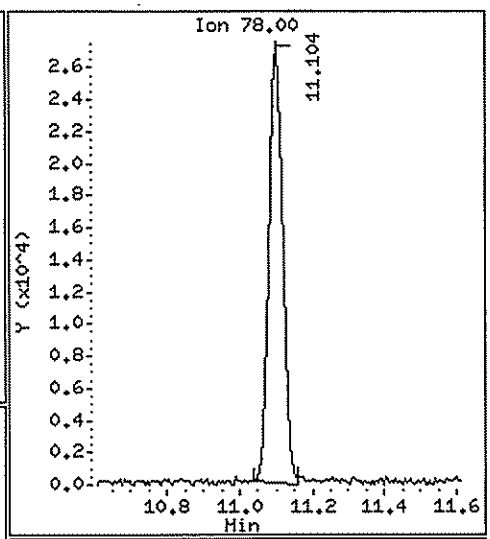
Concentration: 0.3516 ppb(v/v)

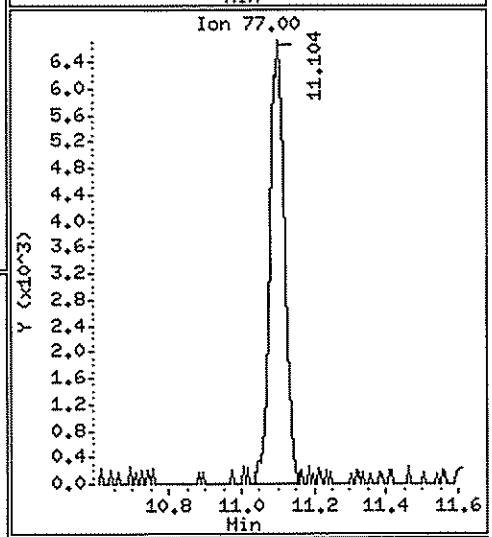


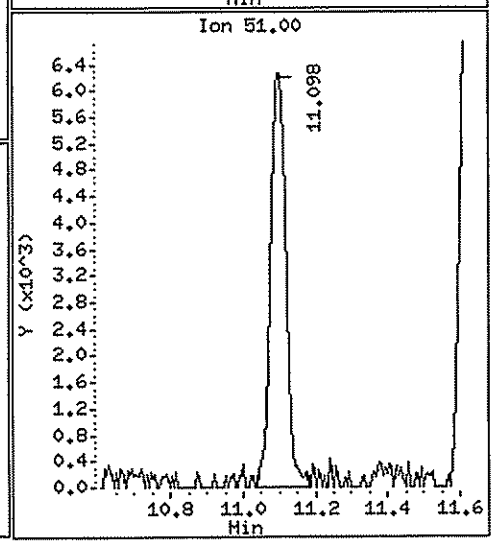












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

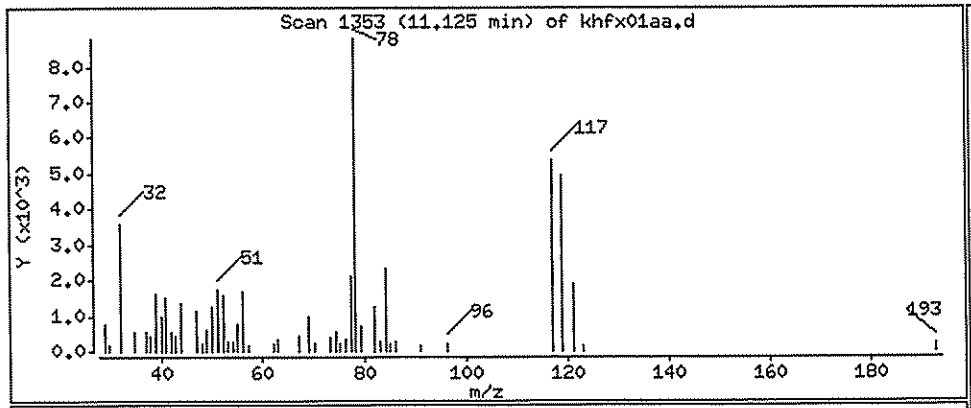
Operator: 3386

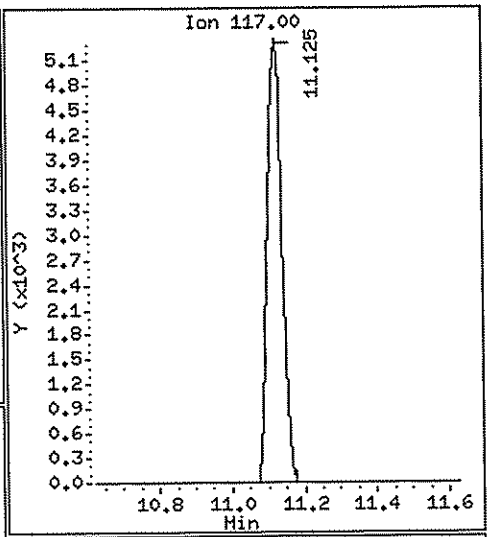
Column phase: RTX-5

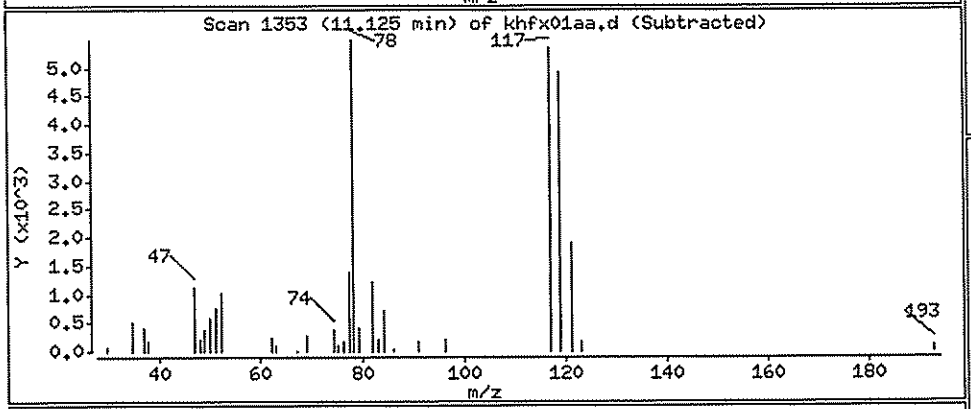
Column diameter: 0.32

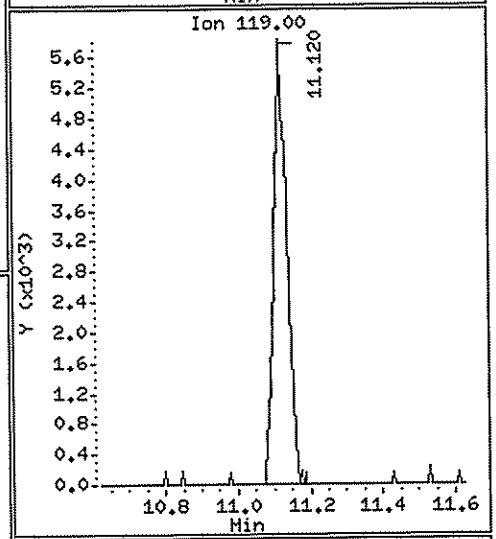
49 Carbon Tetrachloride

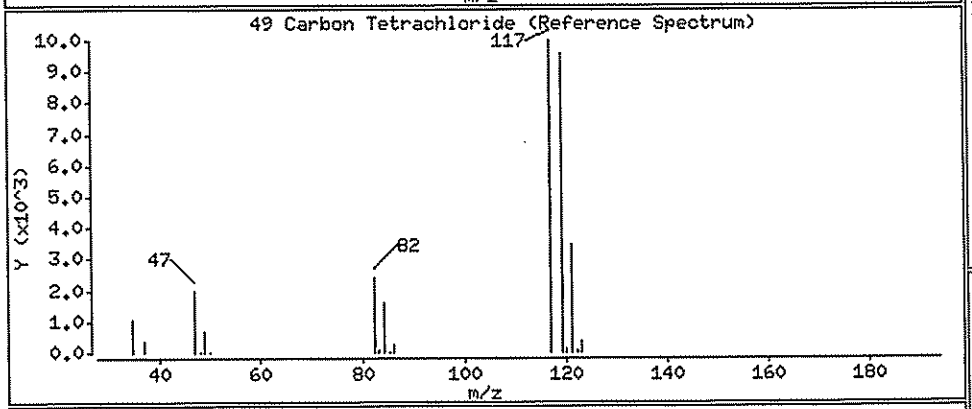
Concentration: 0.08142 ppb(v/v)

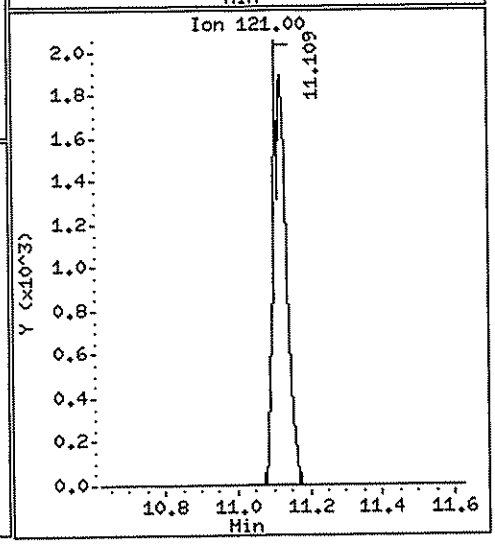


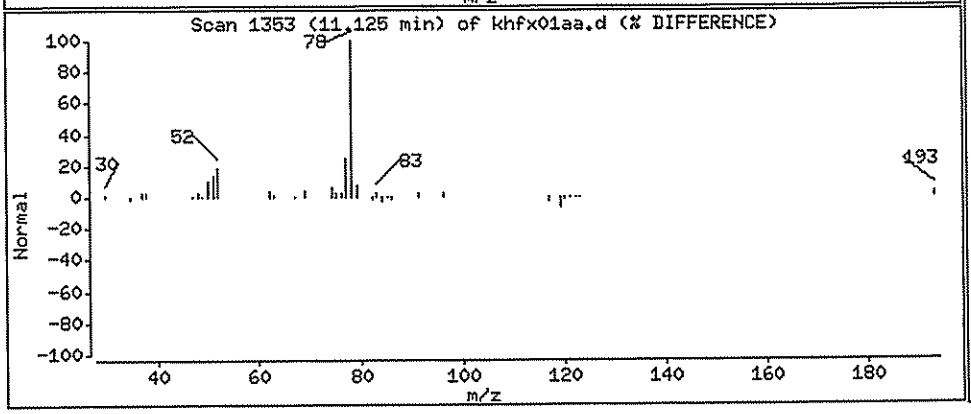












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

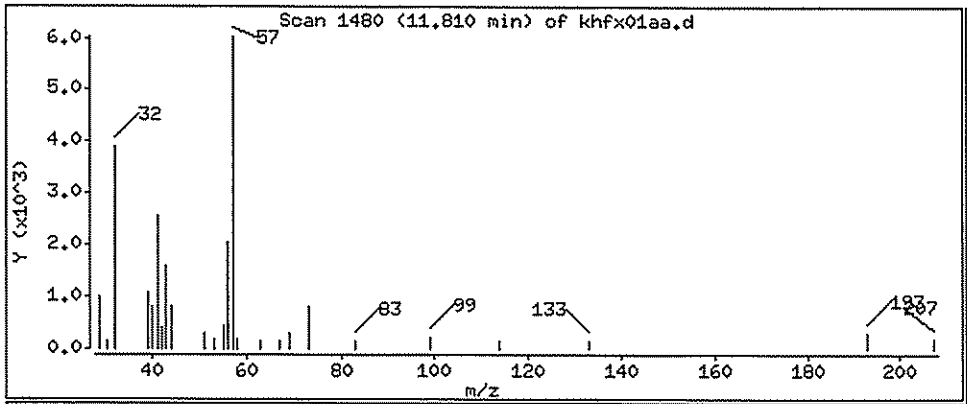
Operator: 3386

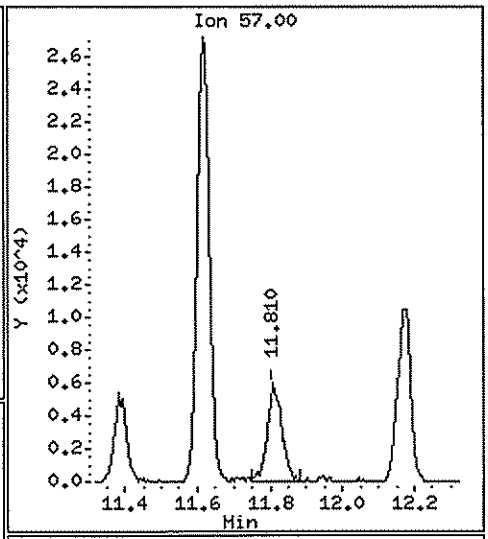
Column phase: RTX-5

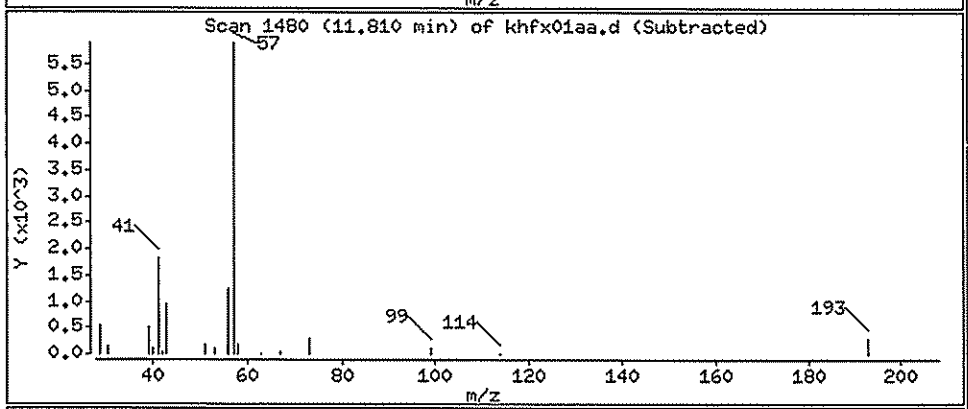
Column diameter: 0.32

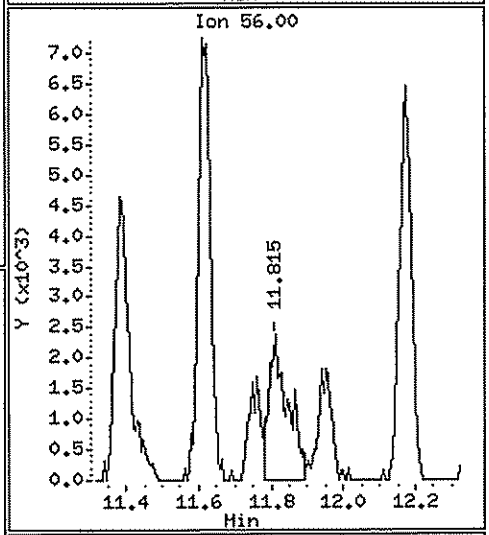
50 2,2,4-trimethylpentane

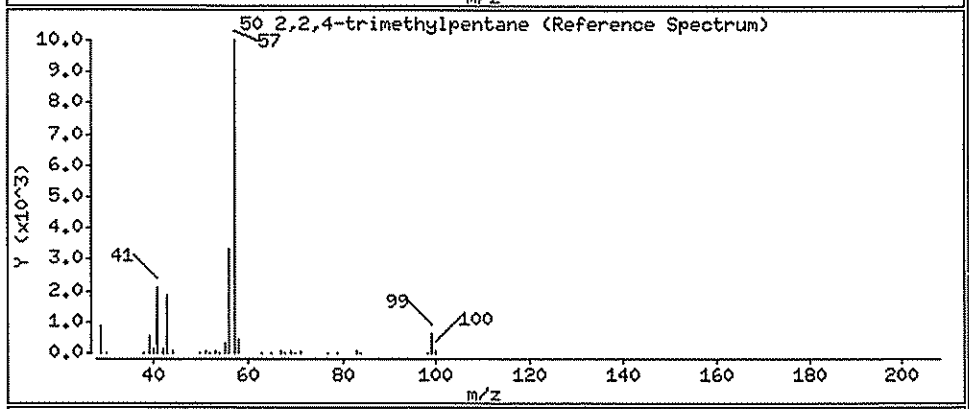
Concentration: 0.05155 ppb(v/v)

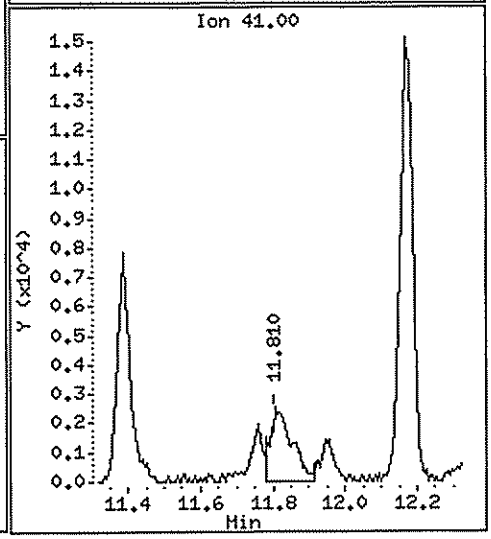


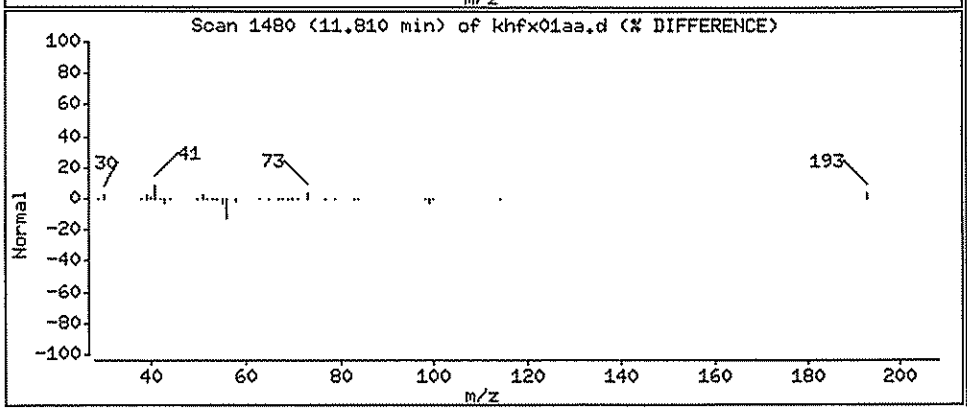












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

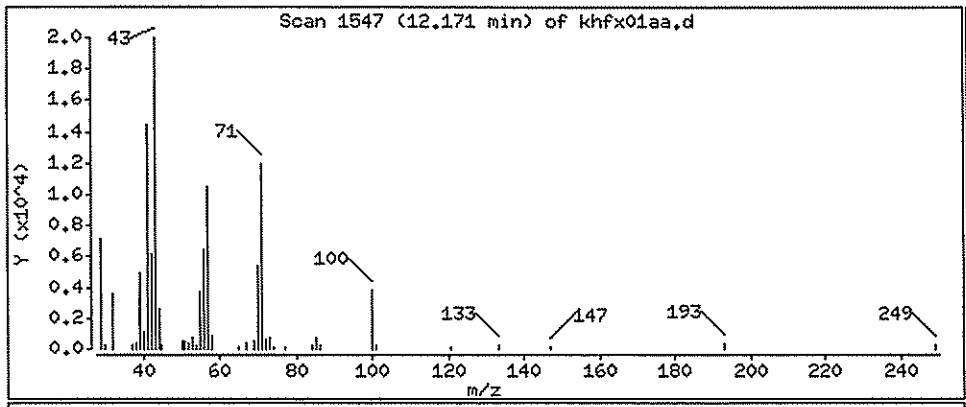
Operator: 3386

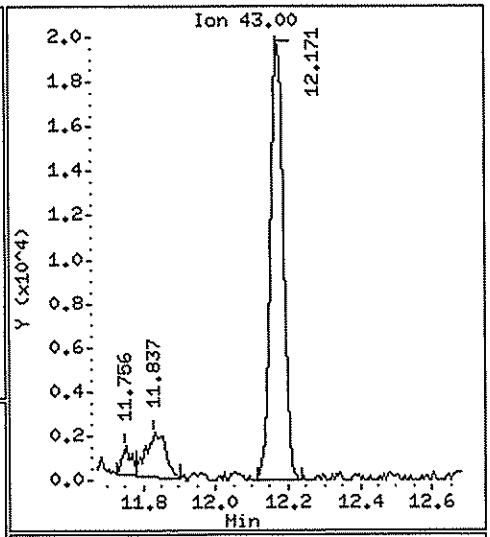
Column phase: RTX-5

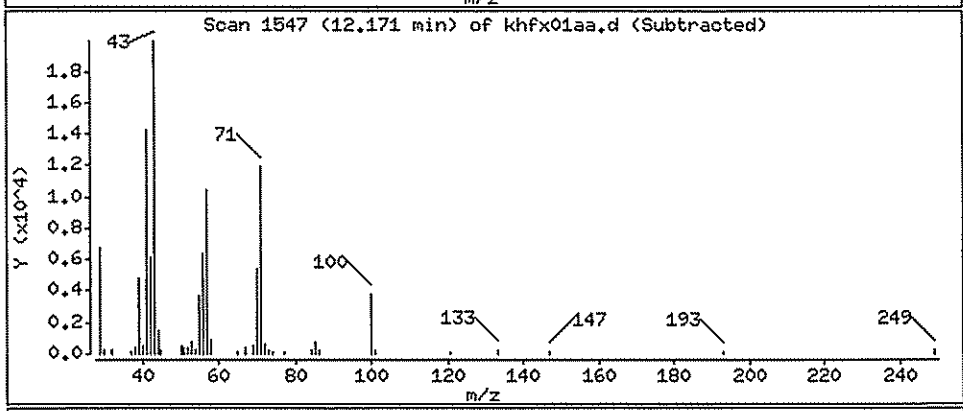
Column diameter: 0.32

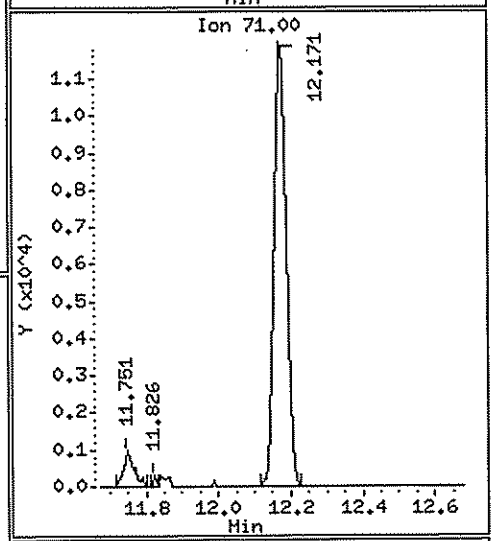
51 Heptane

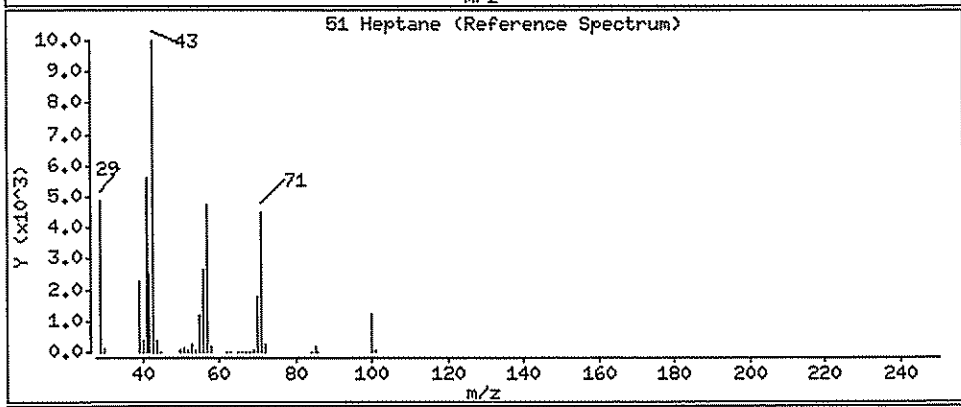
Concentration: 0.3676 ppb(v/v)

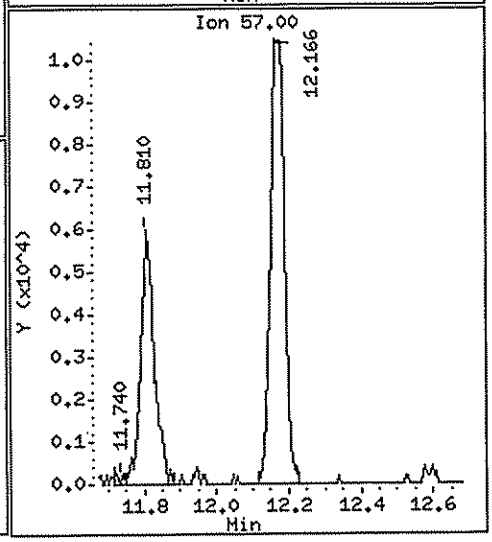


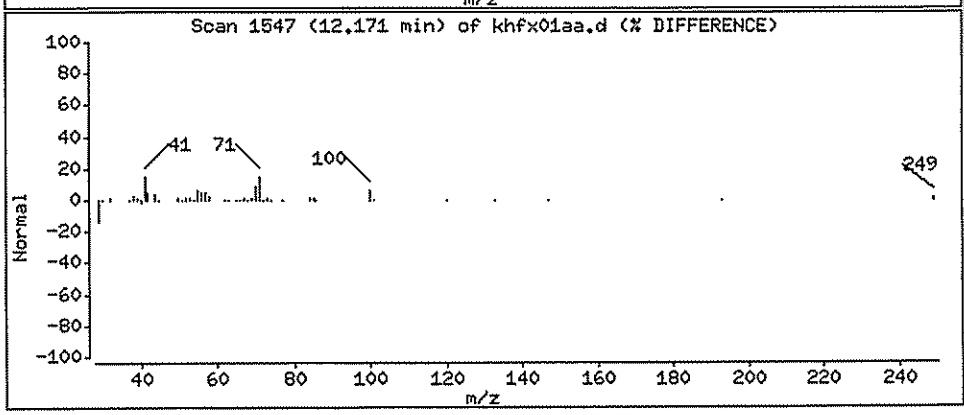












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

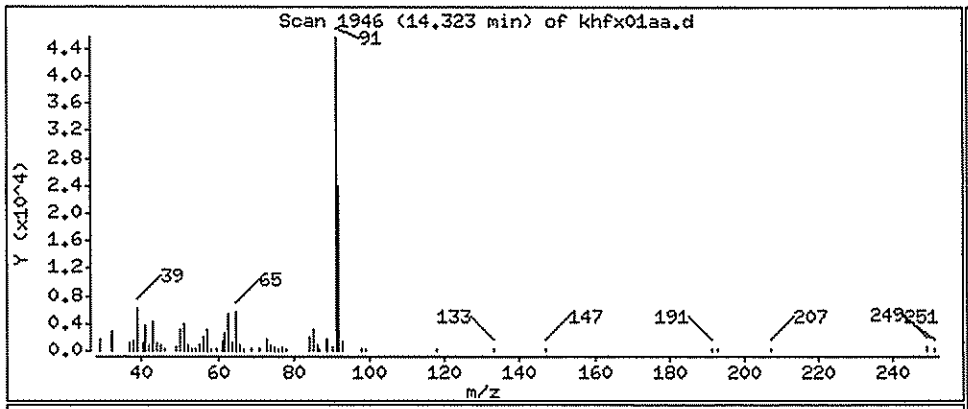
Operator: 3386

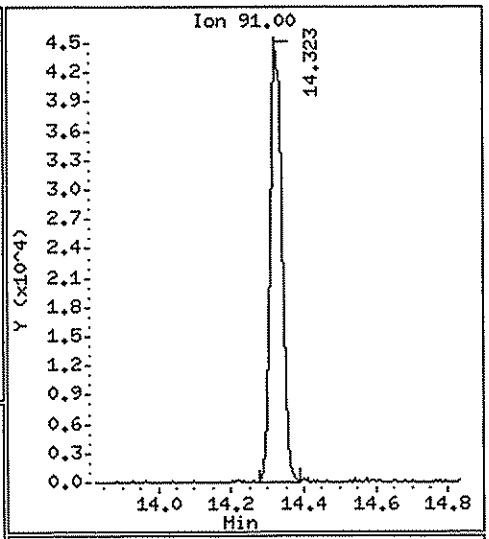
Column phase: RTX-5

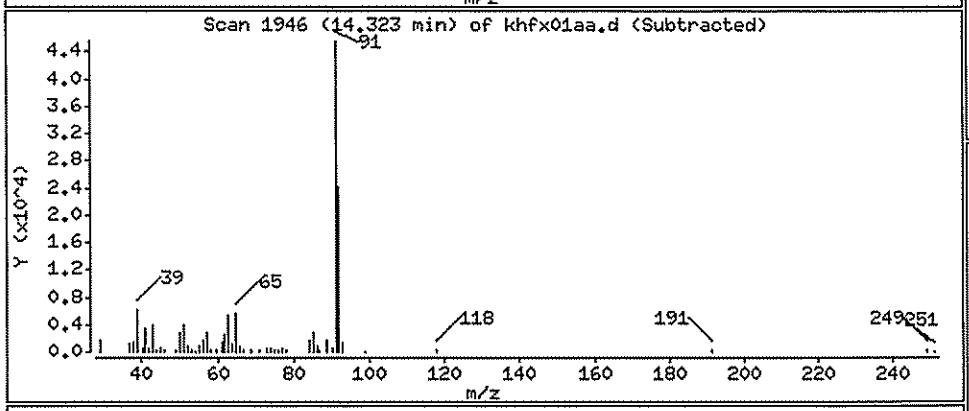
Column diameter: 0.32

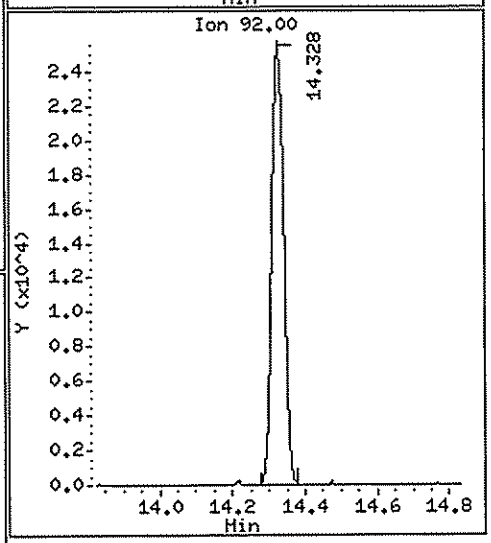
61 Toluene

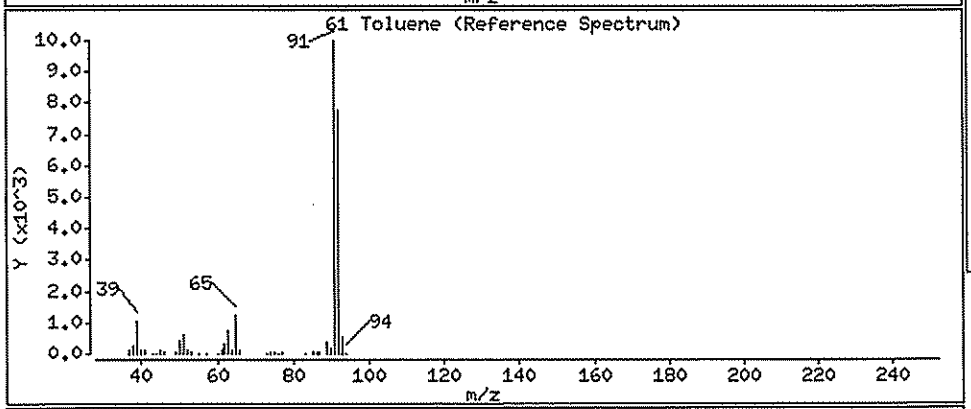
Concentration: 0.4816 ppb(v/v)

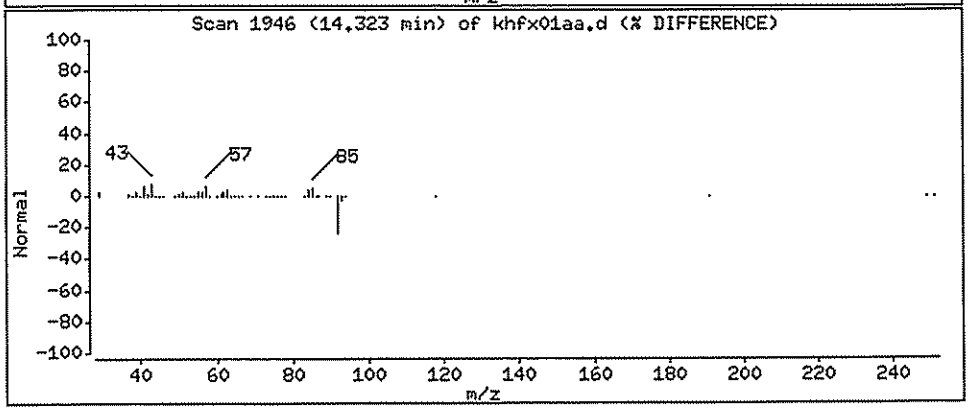












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

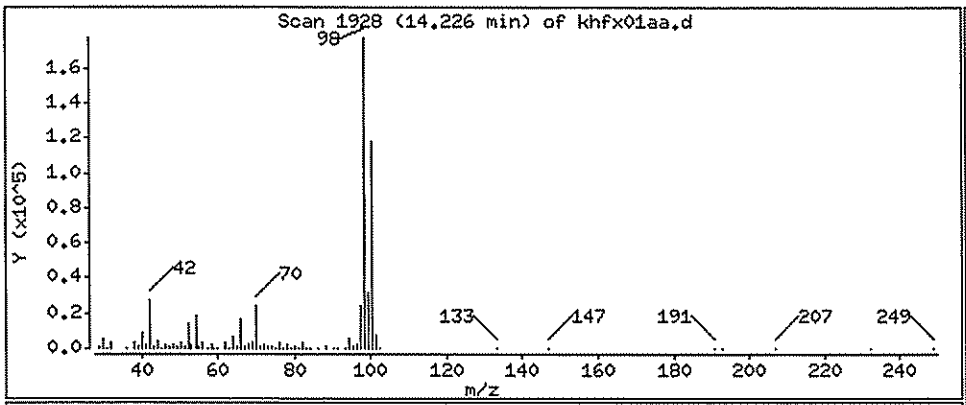
Operator: 3386

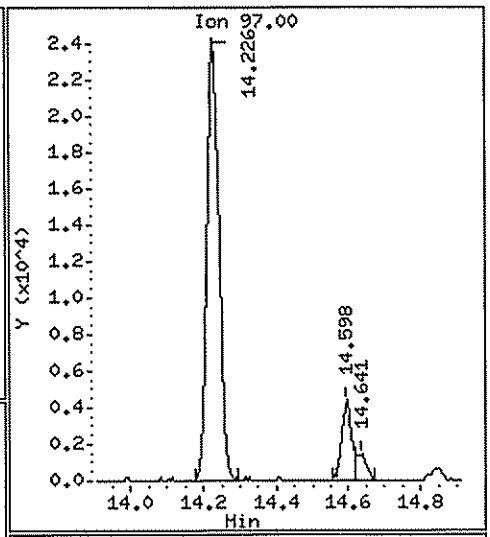
Column phase: RTX-5

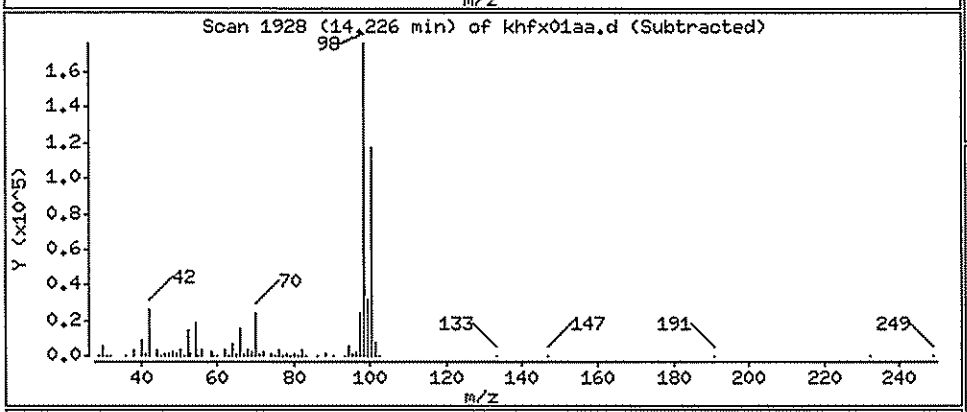
Column diameter: 0.32

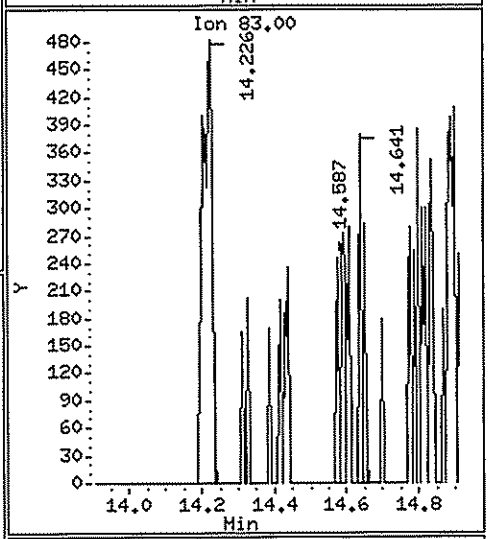
62 1,1,2-Trichloroethane

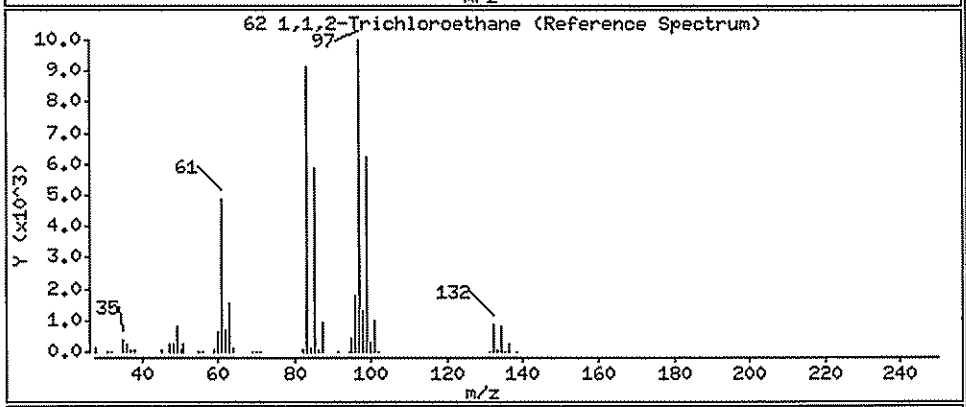
Concentration: 0.9732 ppb(v/v)

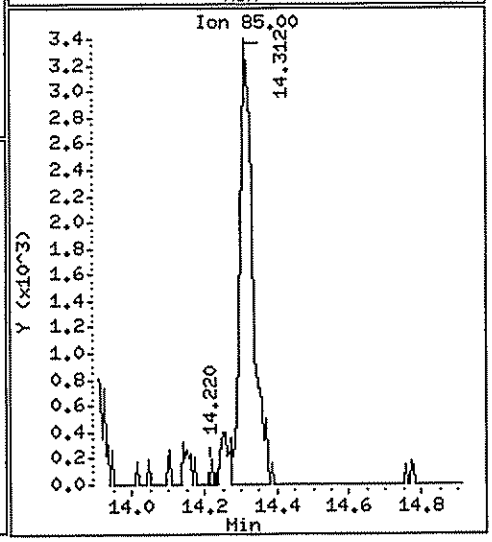


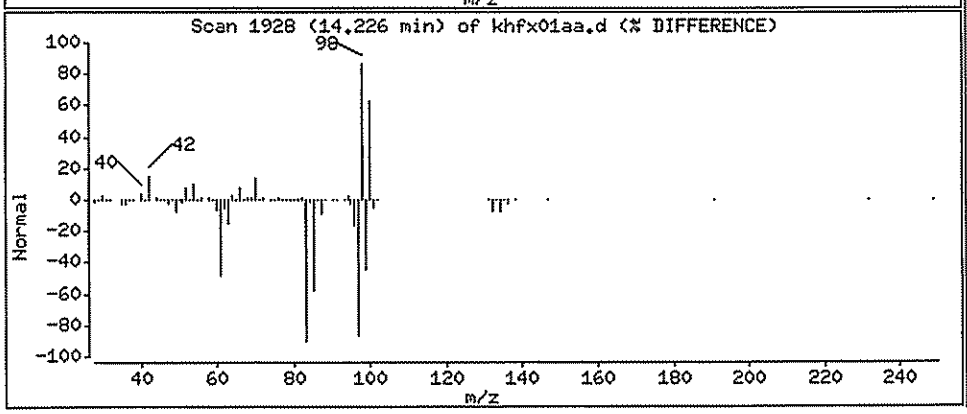












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

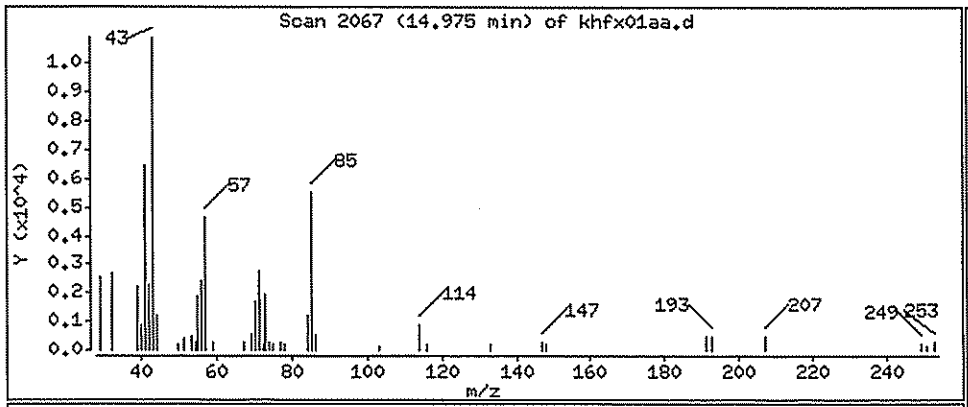
Operator: 3386

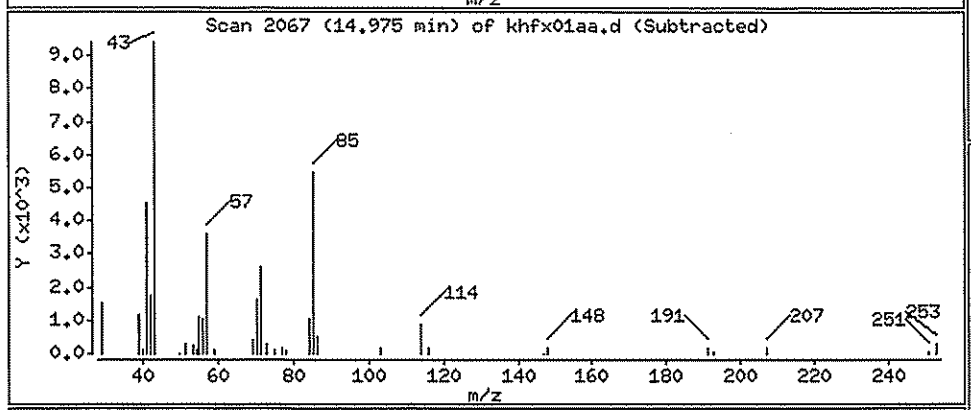
Column phase: RTX-5

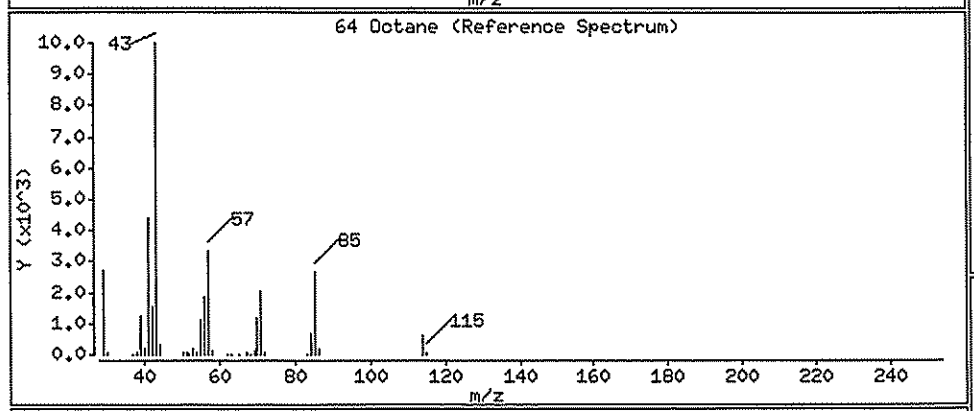
Column diameter: 0.32

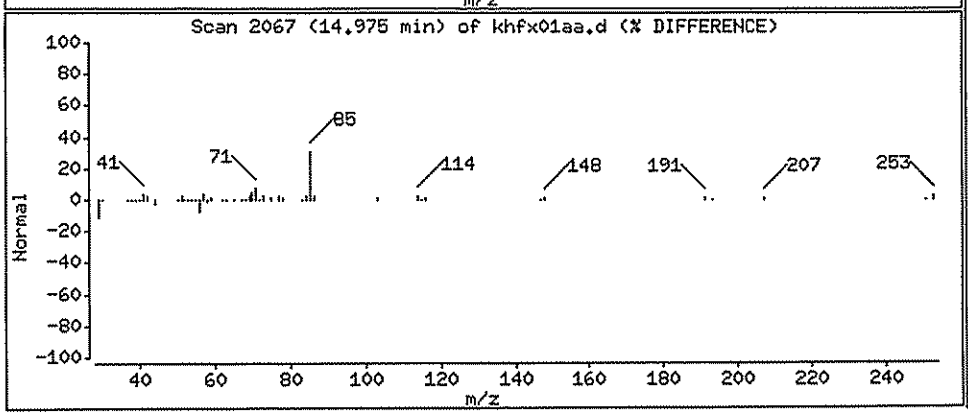
64 Octane

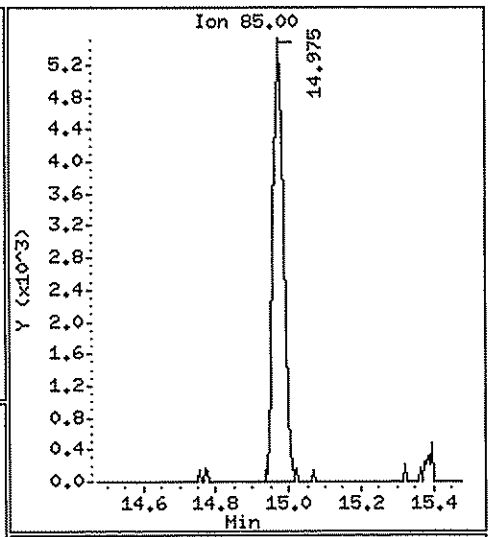
Concentration: 0.1413 ppb(v/v)

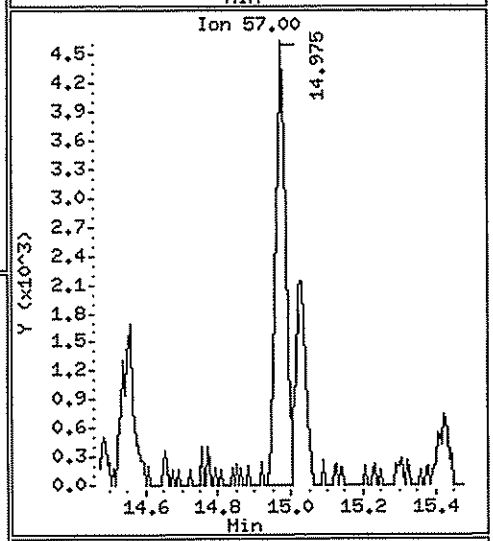


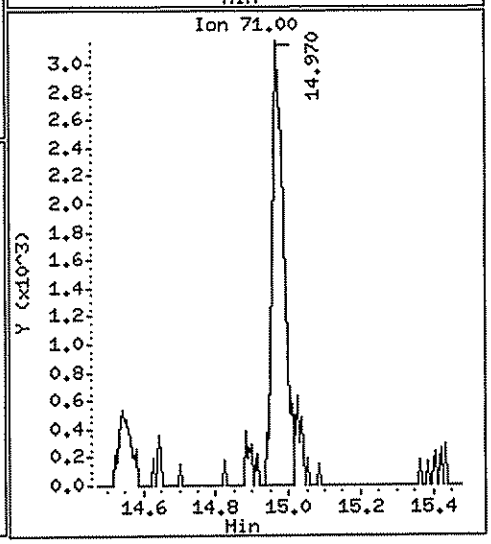












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

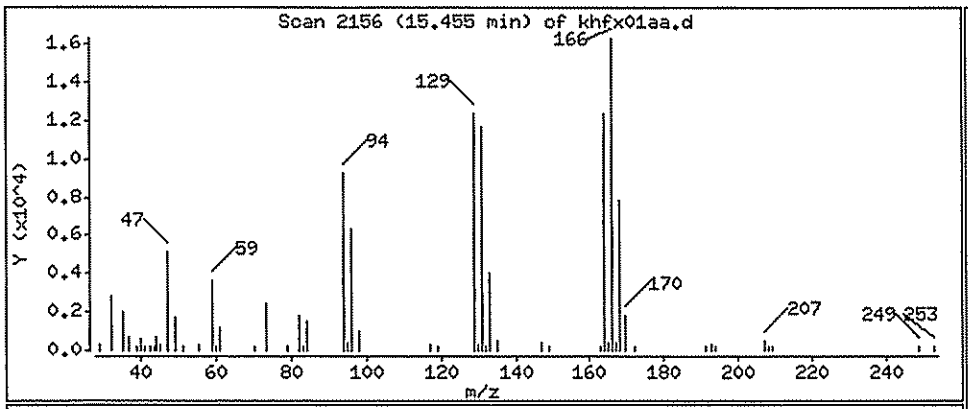
Operator: 3386

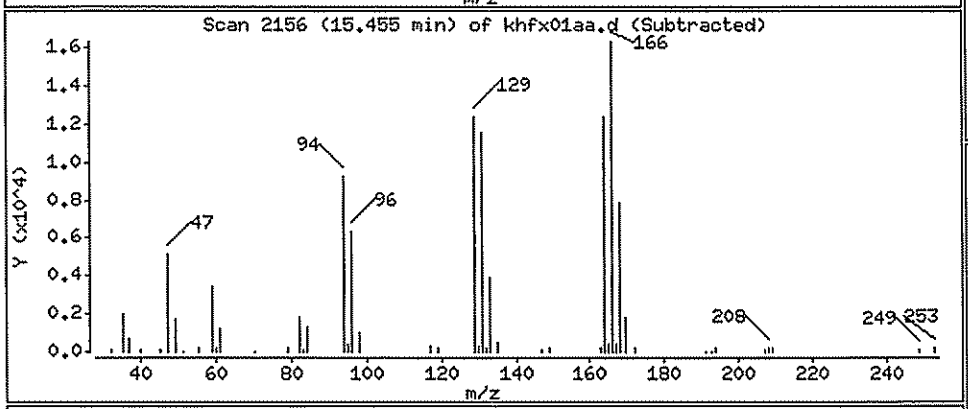
Column phase: RTX-5

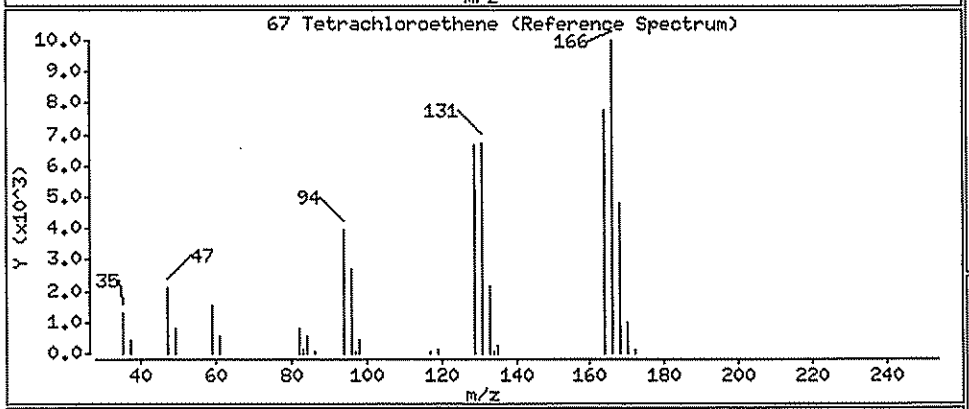
Column diameter: 0.32

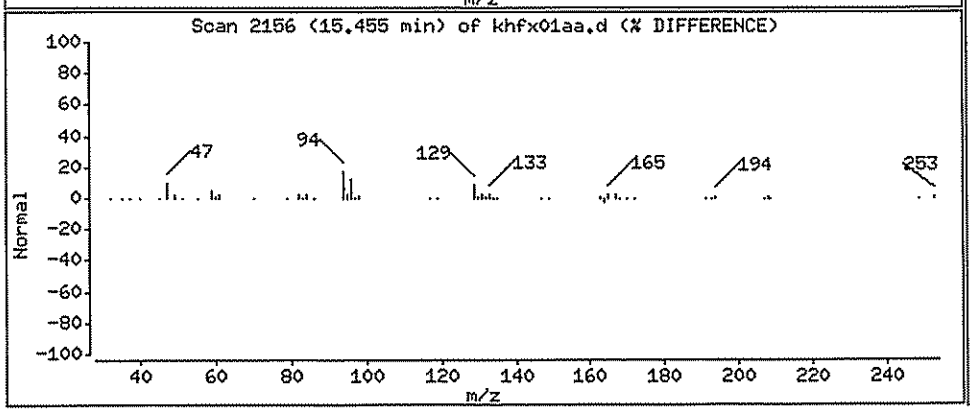
67 Tetrachloroethene

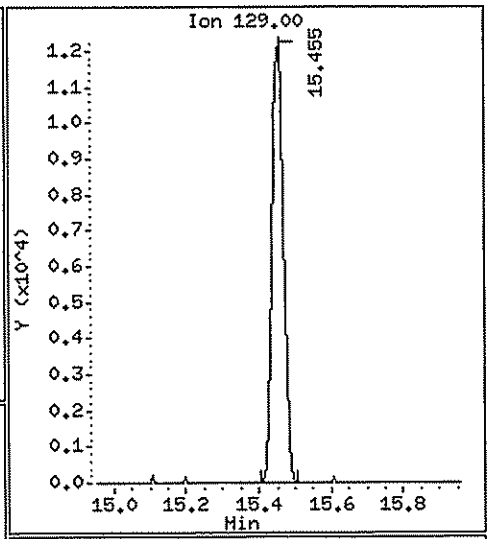
Concentration: 0.3014 ppb(v/v)

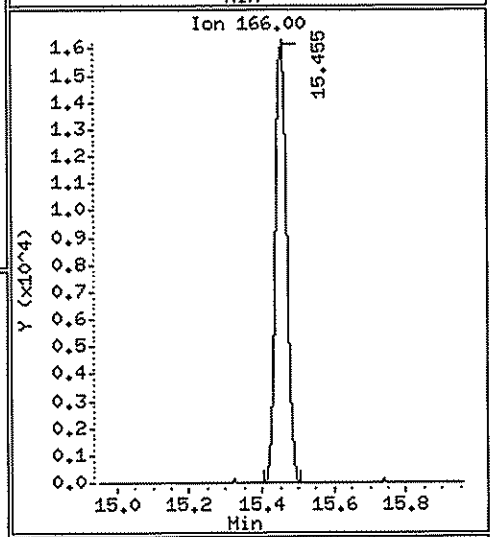


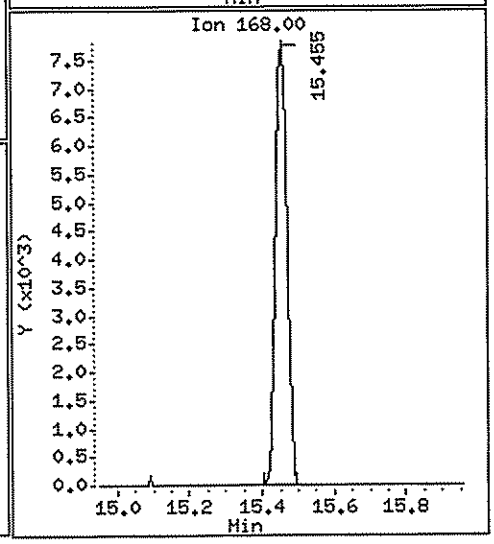












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

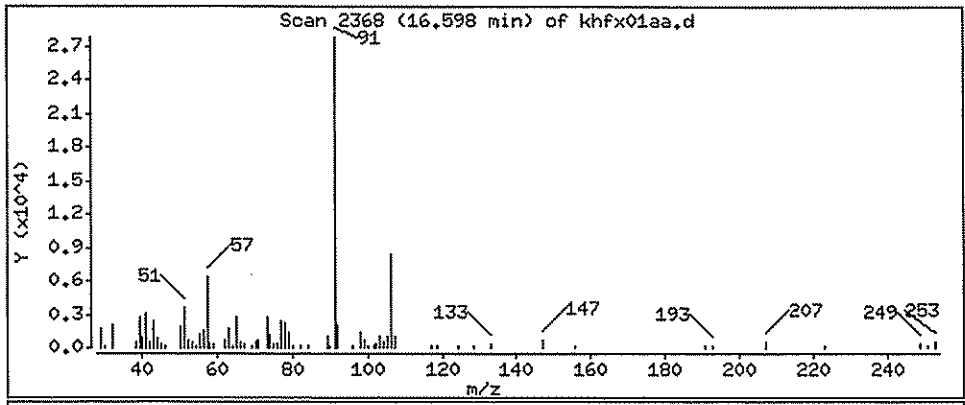
Operator: 3386

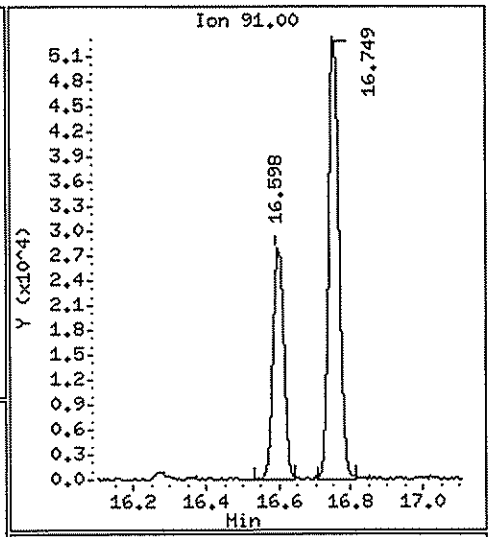
Column phase: RTX-5

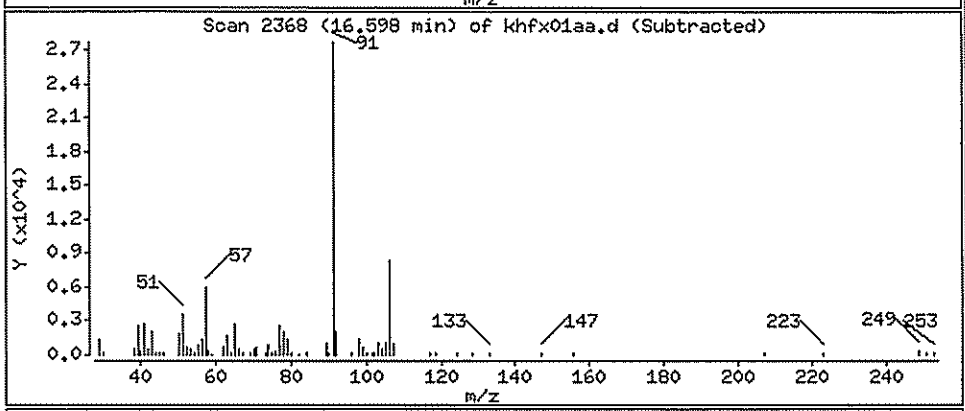
Column diameter: 0.32

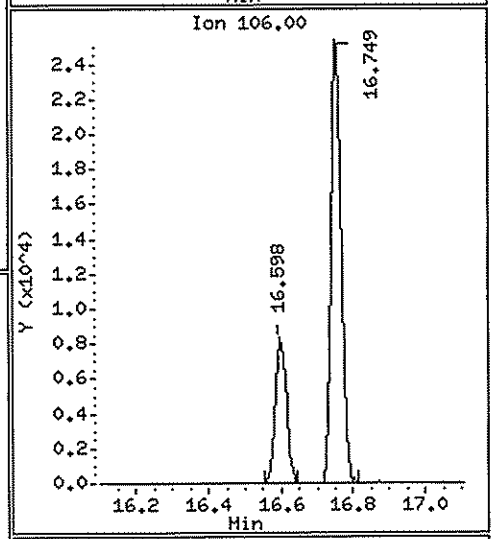
69 Ethylbenzene

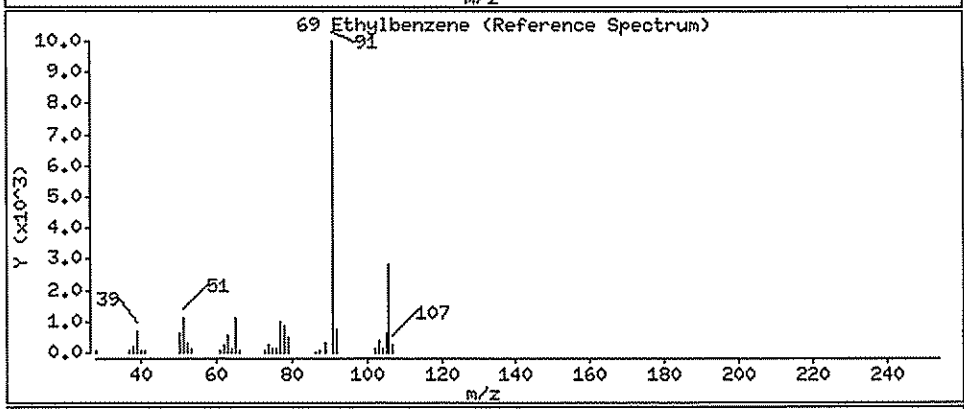
Concentration: 0.2559 ppb(v/v)

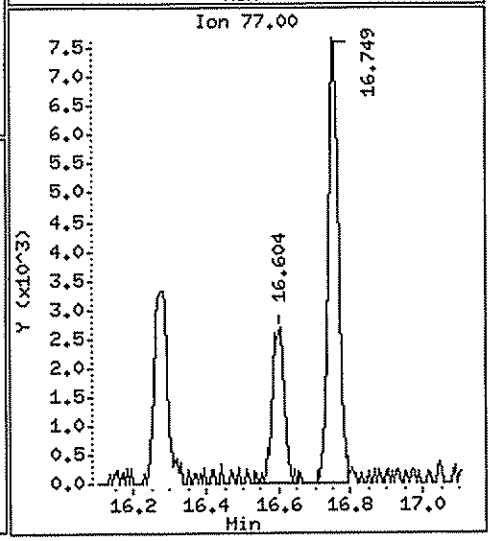


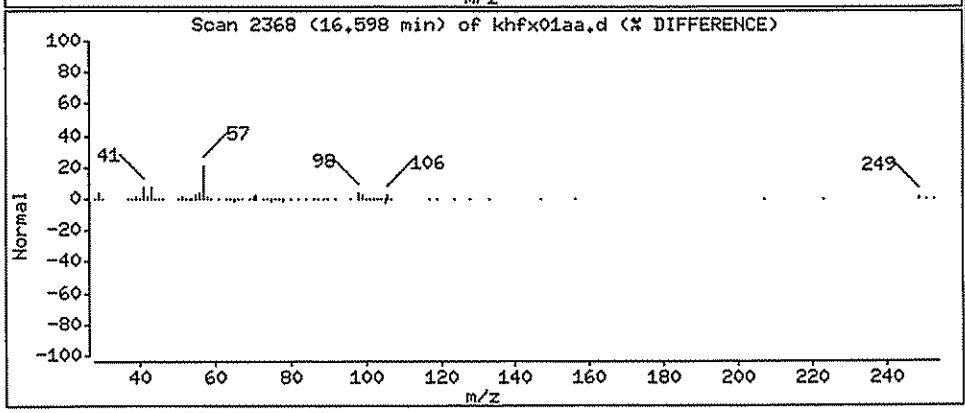












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

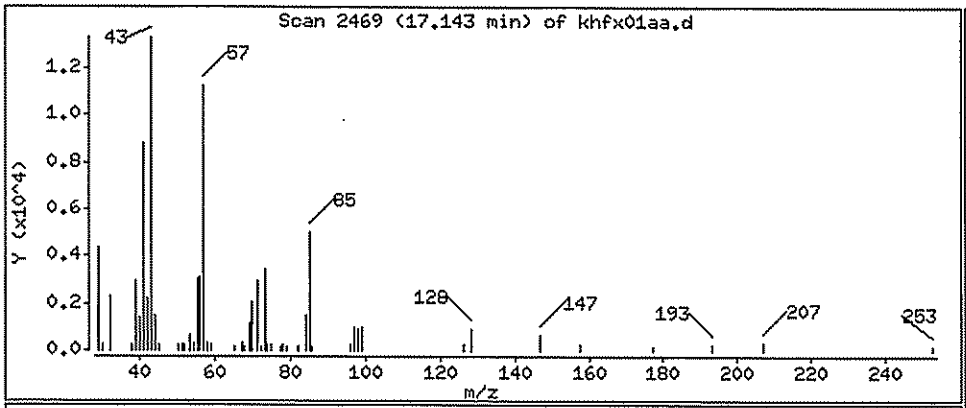
Operator: 3386

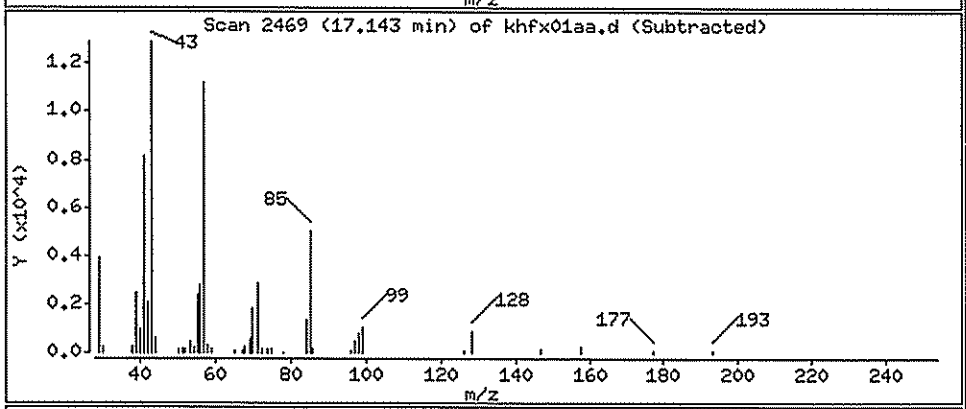
Column phase: RTX-5

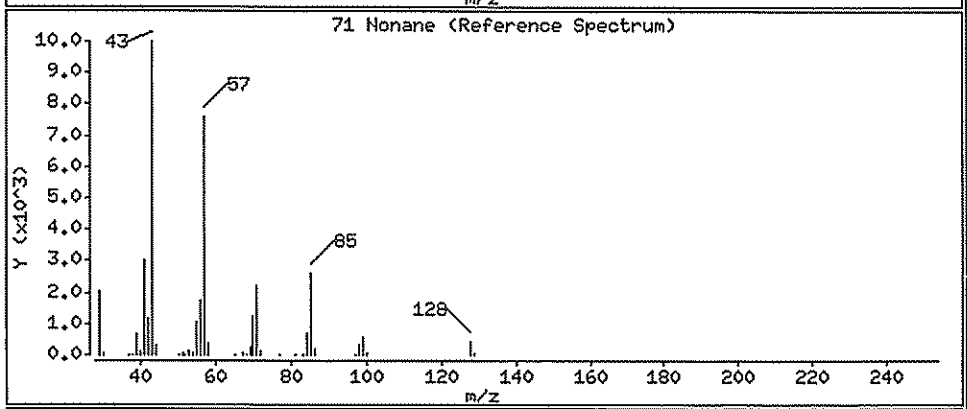
Column diameter: 0.32

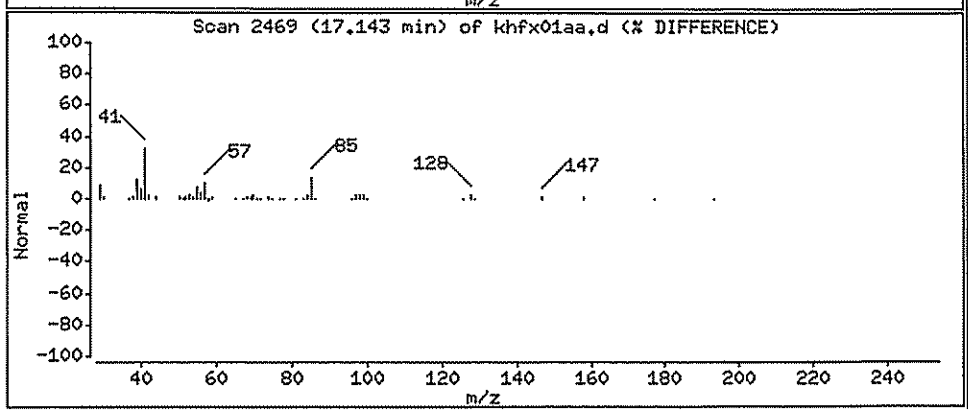
71 Nonane

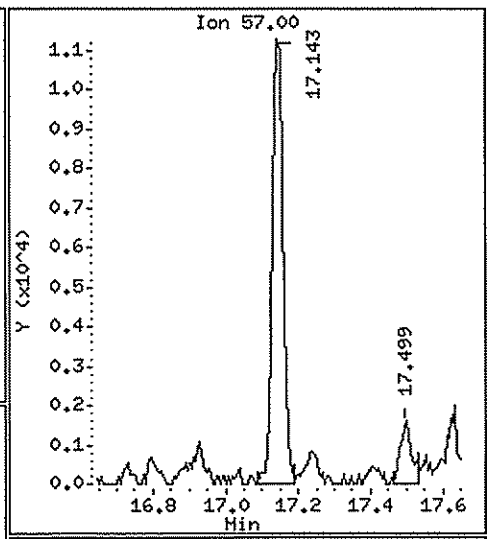
Concentration: 0.1563 ppb(v/v)

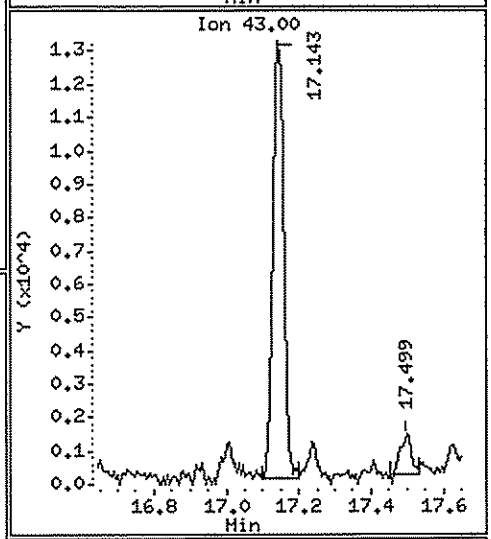


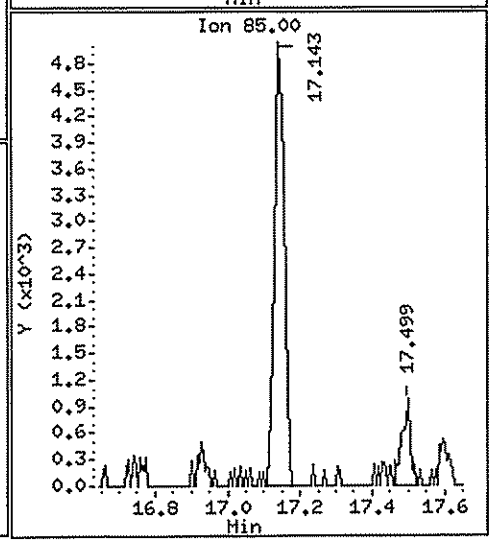












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

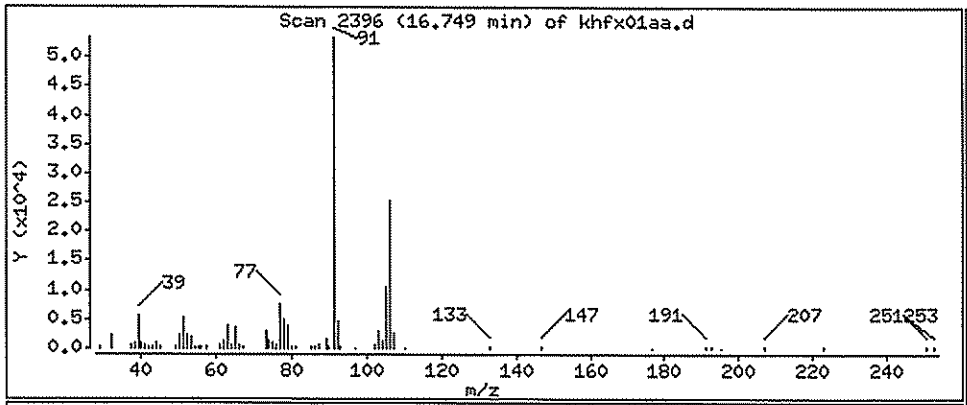
Operator: 3386

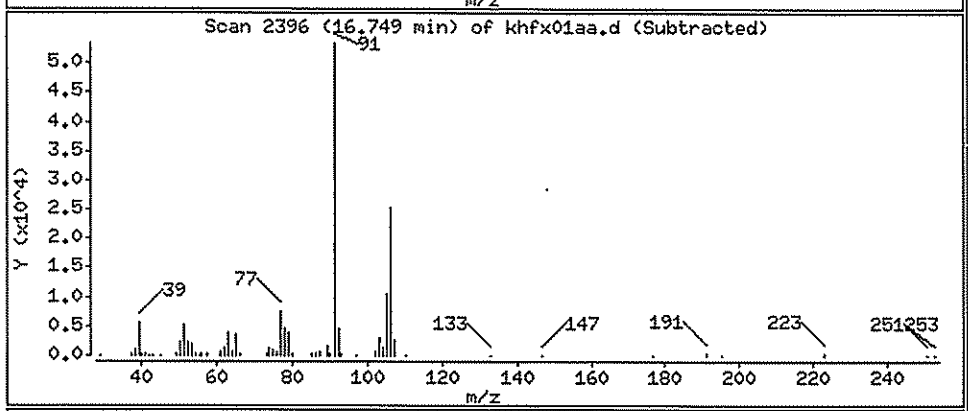
Column phase: RTX-5

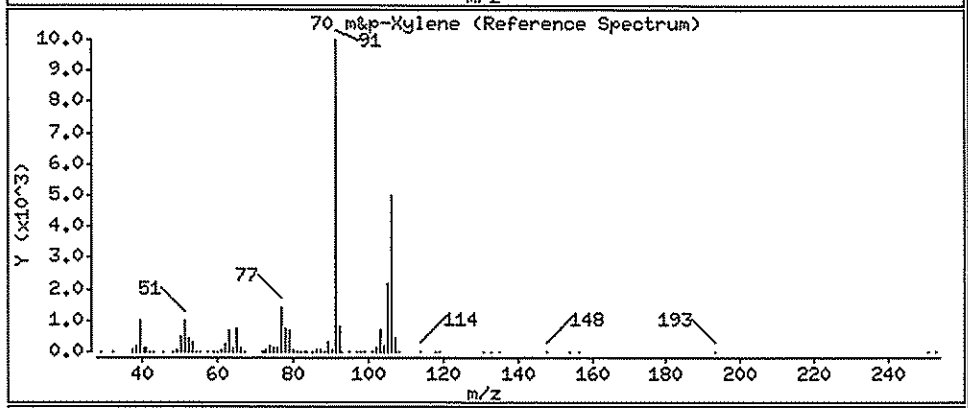
Column diameter: 0.32

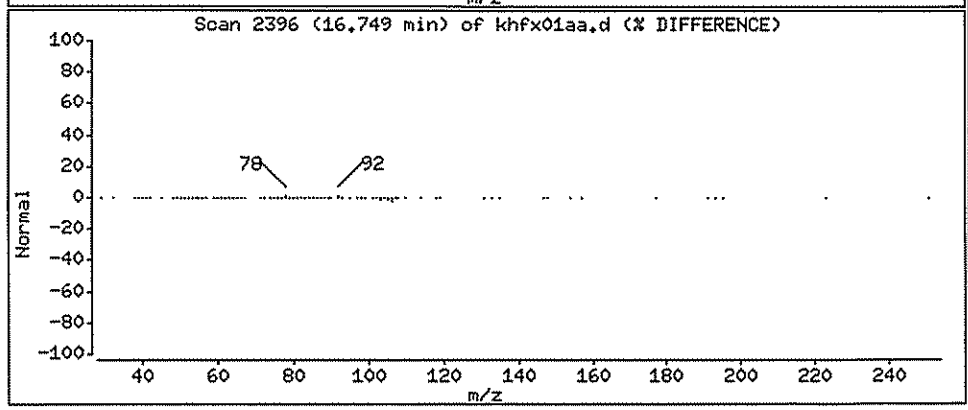
70 m&p-Xylene

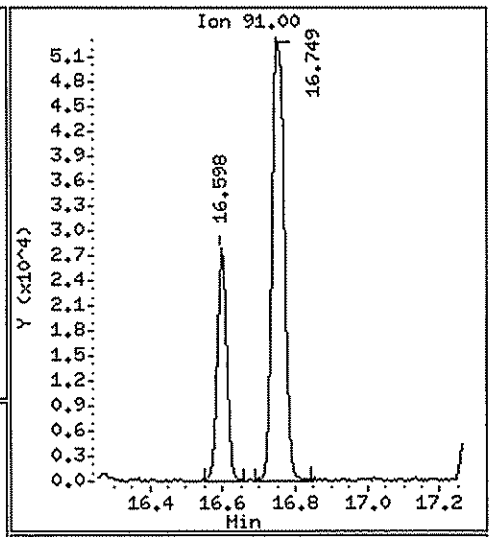
Concentration: 0.6898 ppb(v/v)

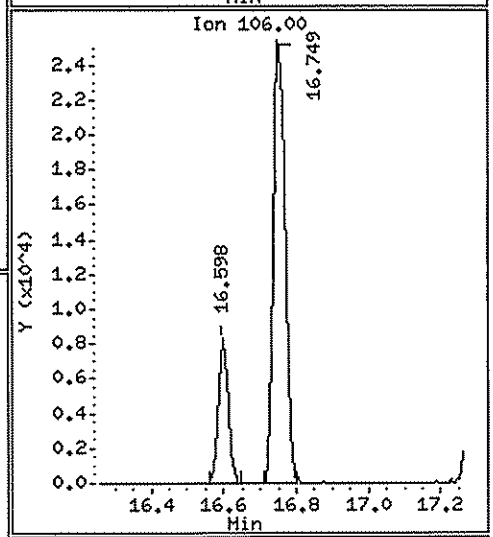


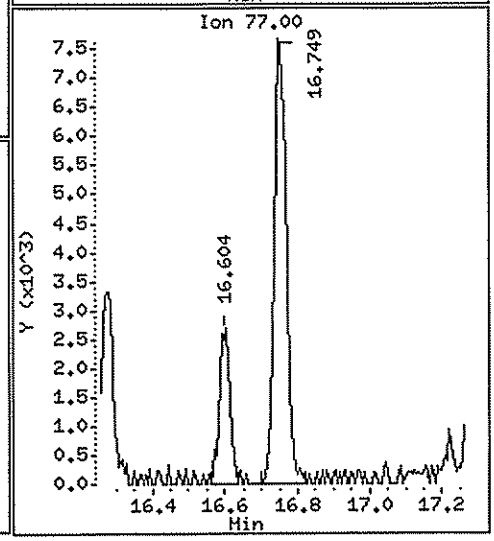












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

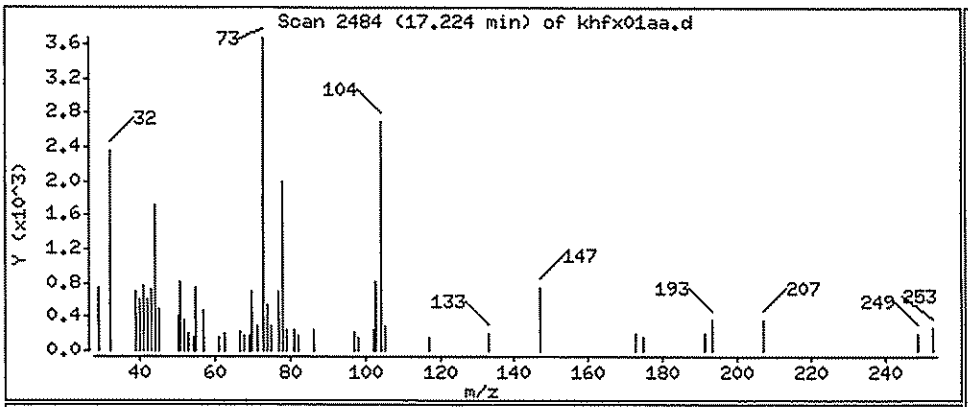
Operator: 3386

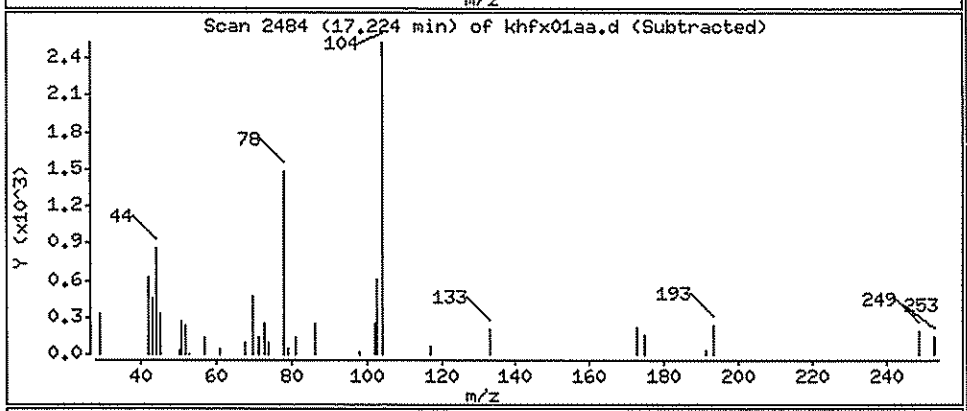
Column phase: RTX-5

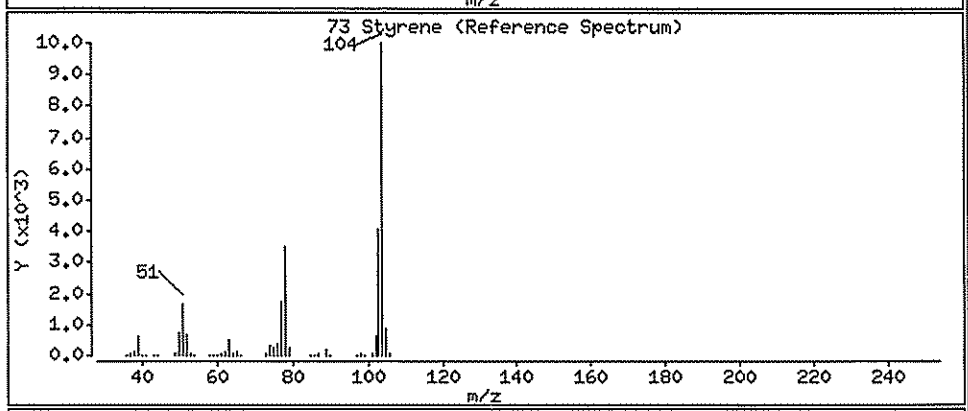
Column diameter: 0.32

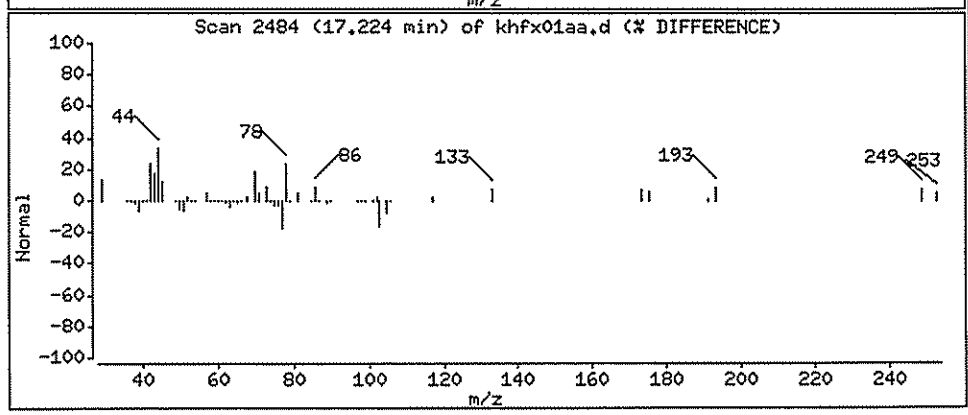
73 Styrene

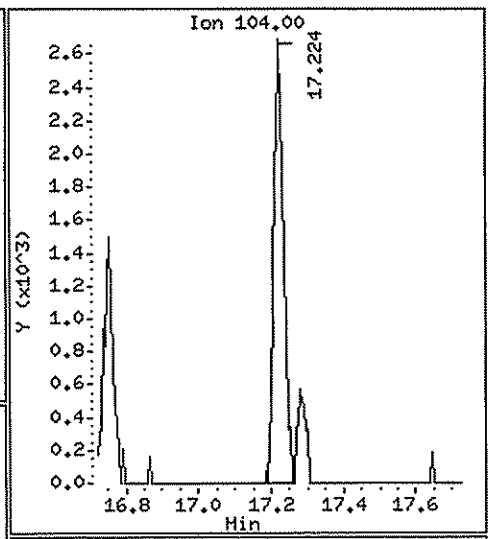
Concentration: 0.03930 ppb(v/v)

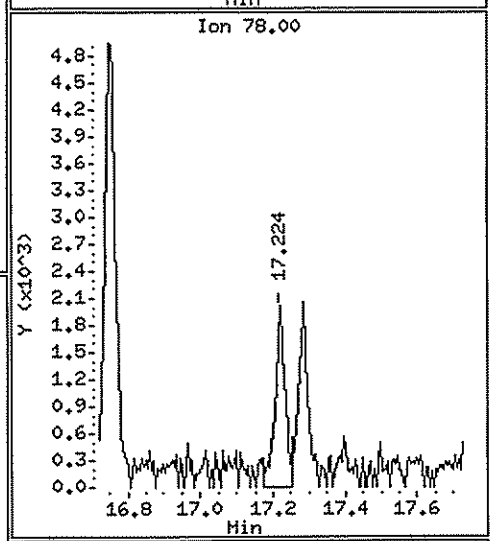


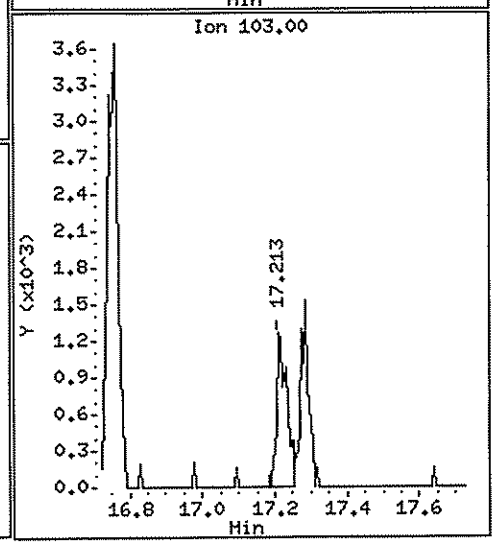












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

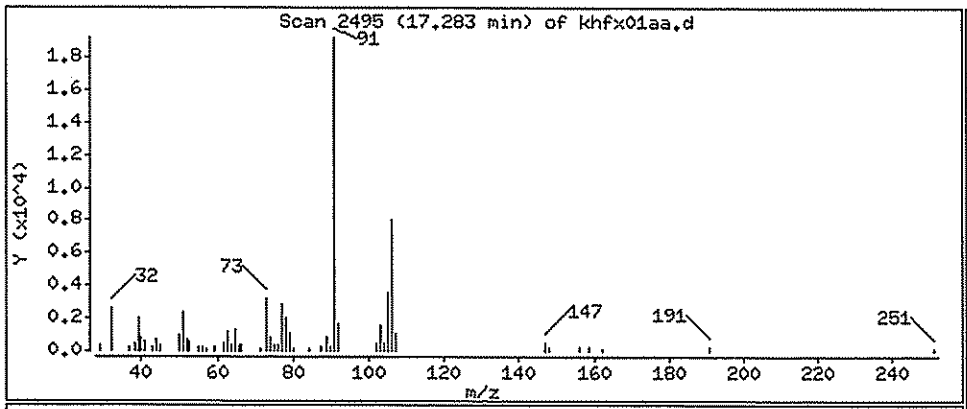
Operator: 3386

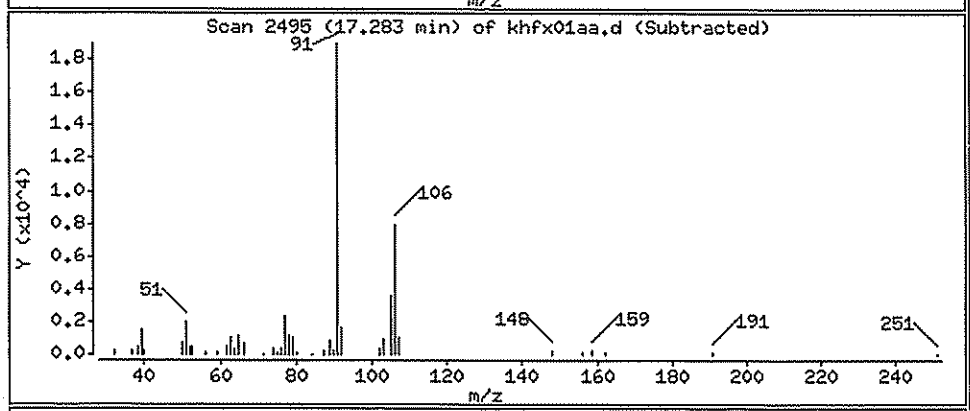
Column phase: RTX-5

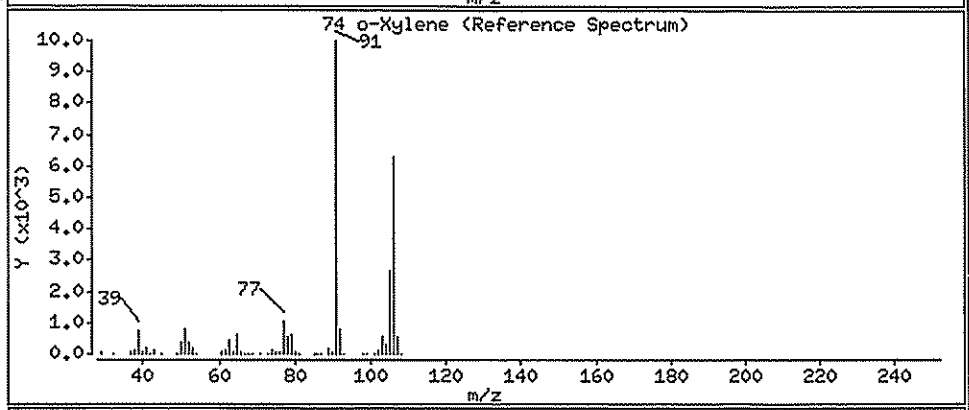
Column diameter: 0.32

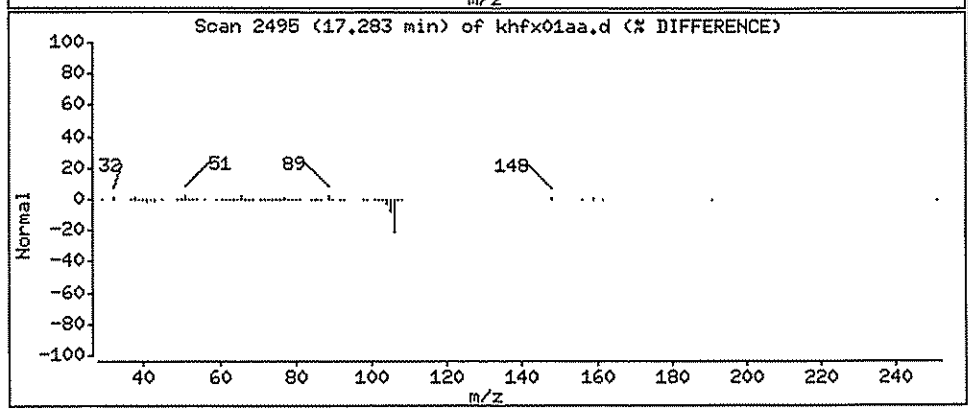
74 o-Xylene

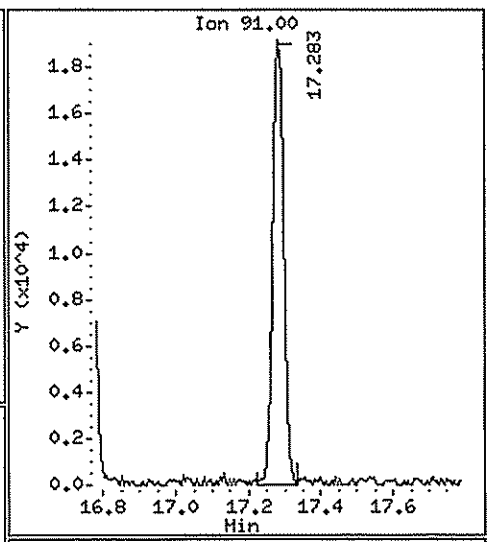
Concentration: 0.2160 ppb(v/v)

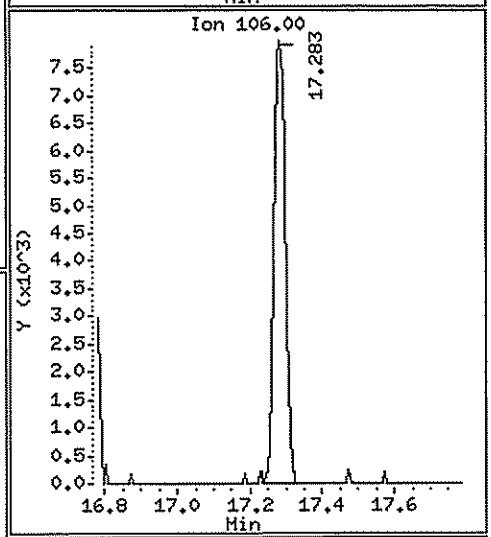


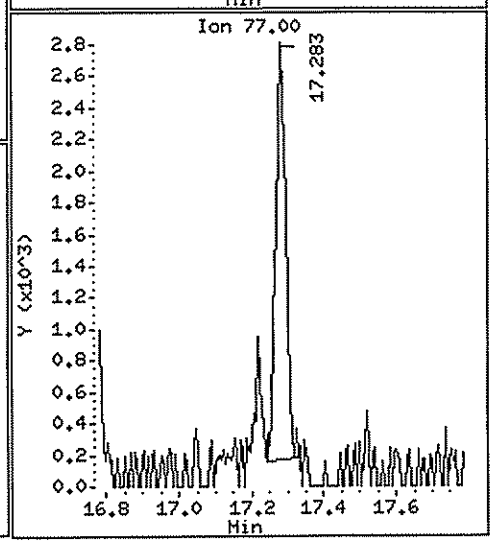












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

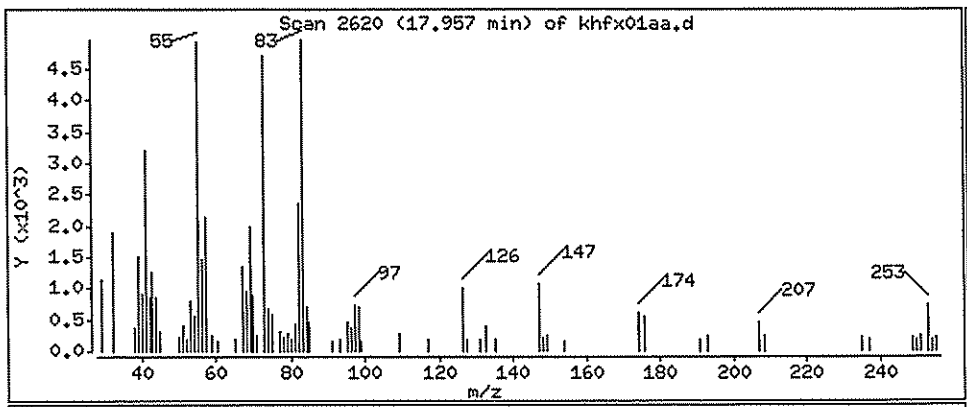
Operator: 3386

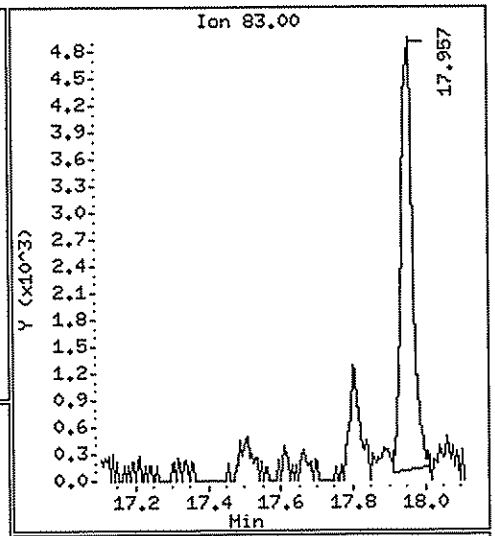
Column phase: RTX-5

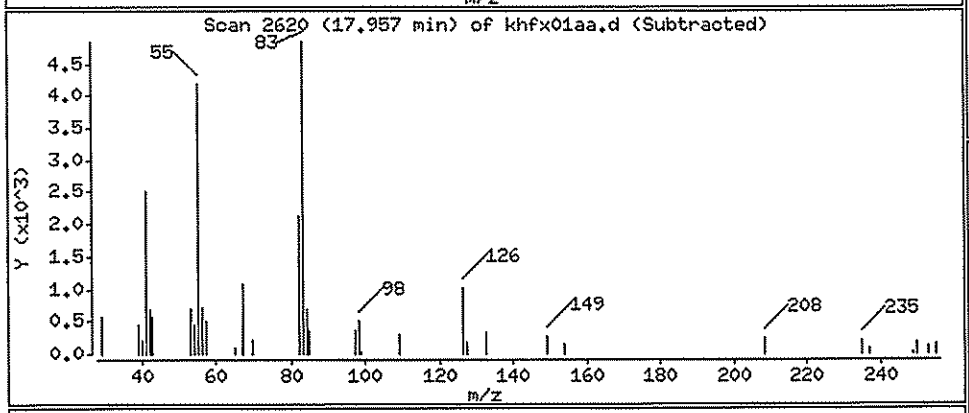
Column diameter: 0.32

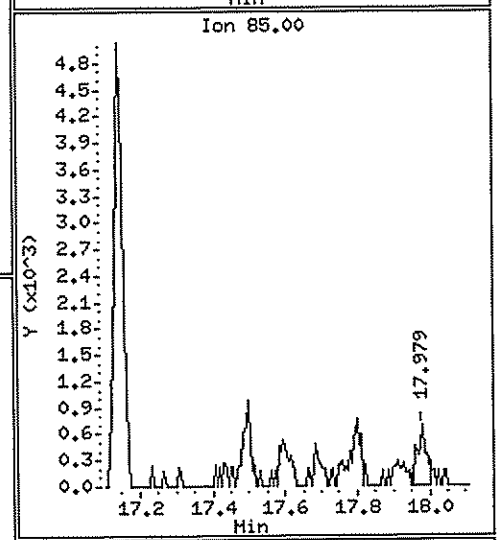
75 1,1,2,2-Tetrachloroethane

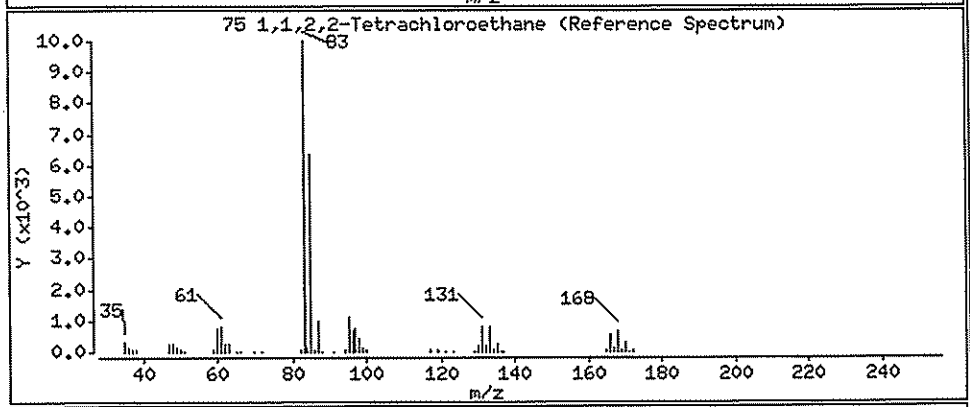
Concentration: 0.07738 ppb(v/v)

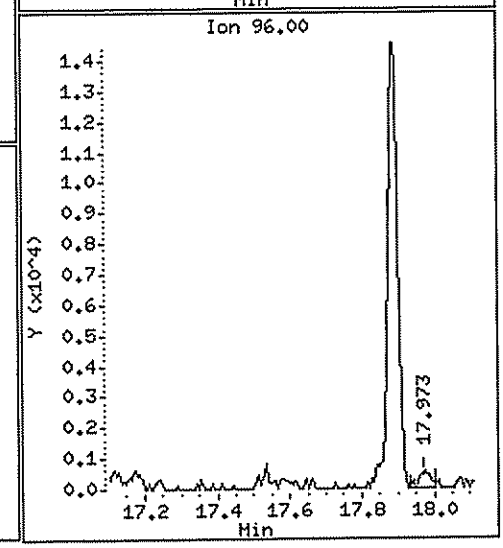


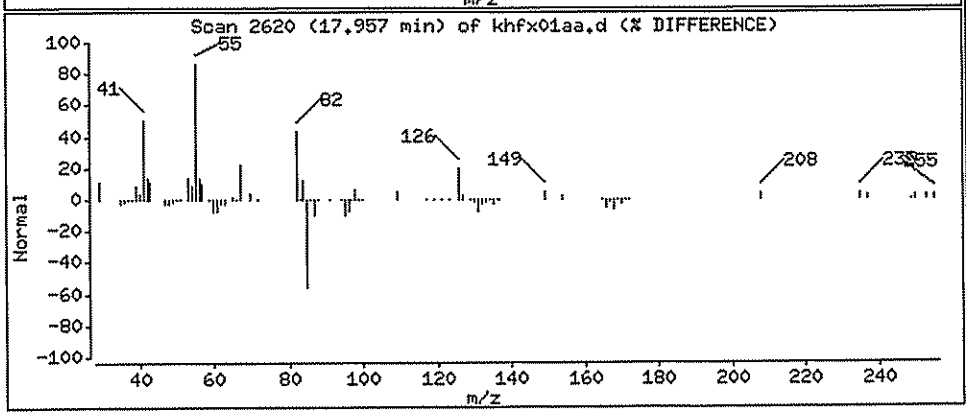












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

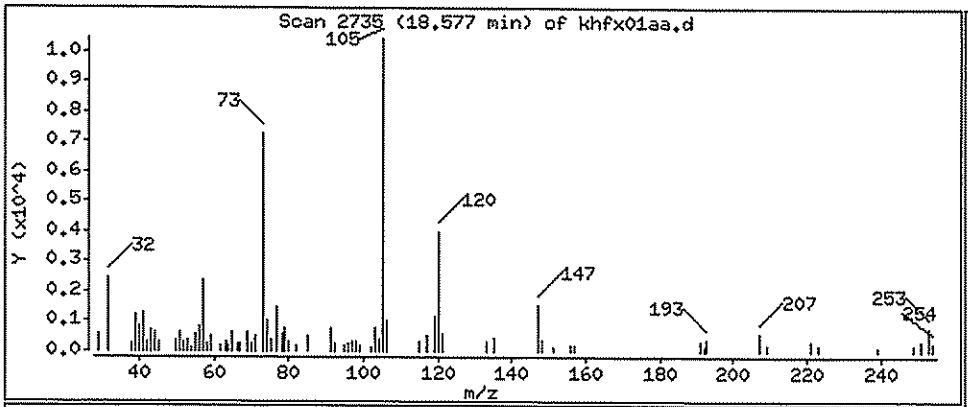
Operator: 3386

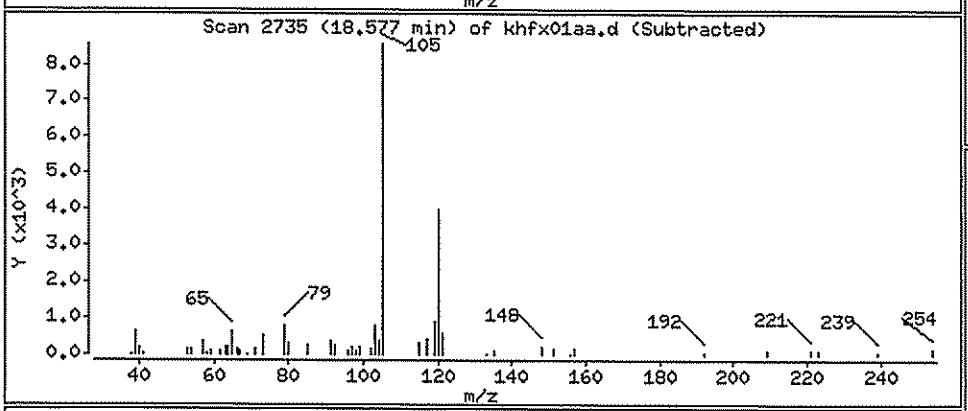
Column phase: RTX-5

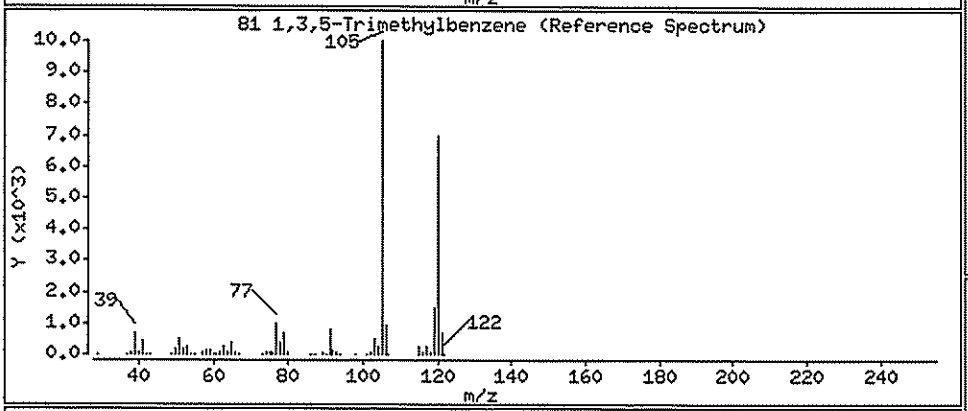
Column diameter: 0.32

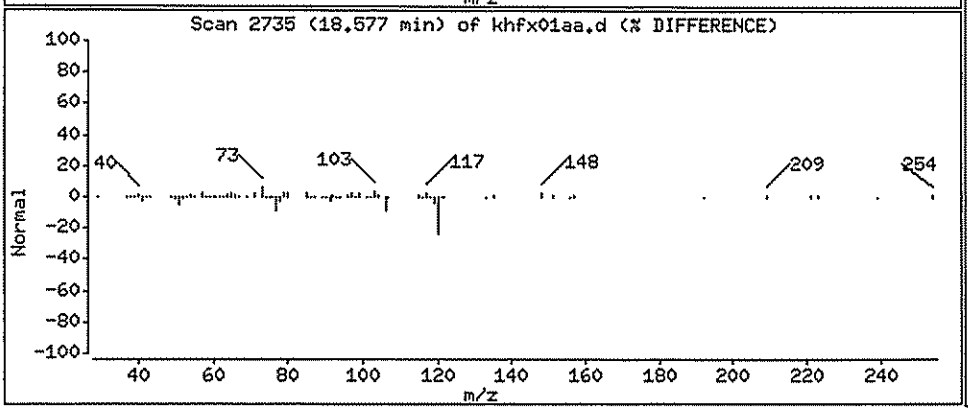
81 1,3,5-Trimethylbenzene

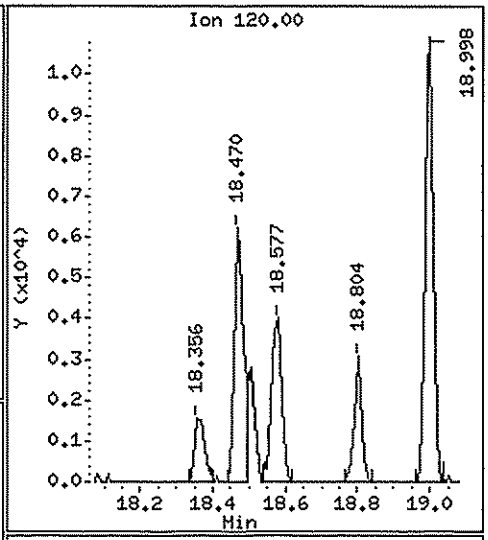
Concentration: 0.06596 ppb(v/v)

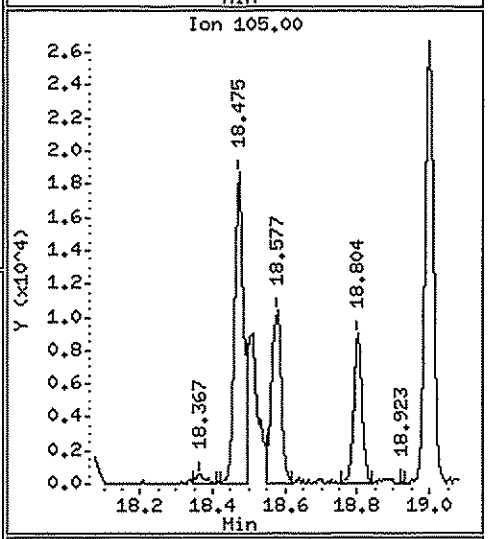


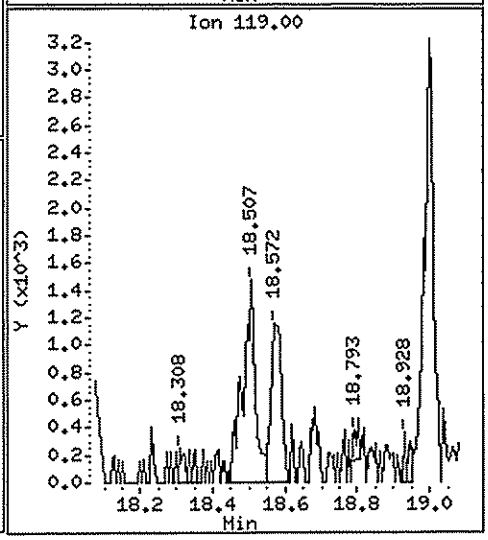












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

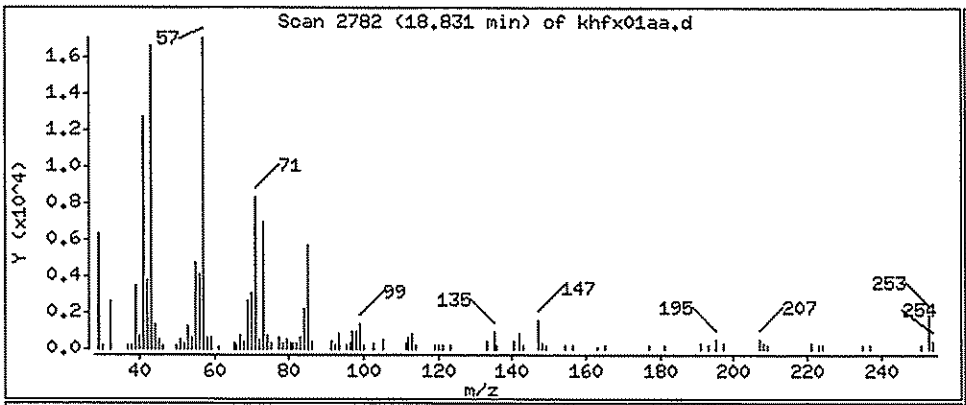
Operator: 3386

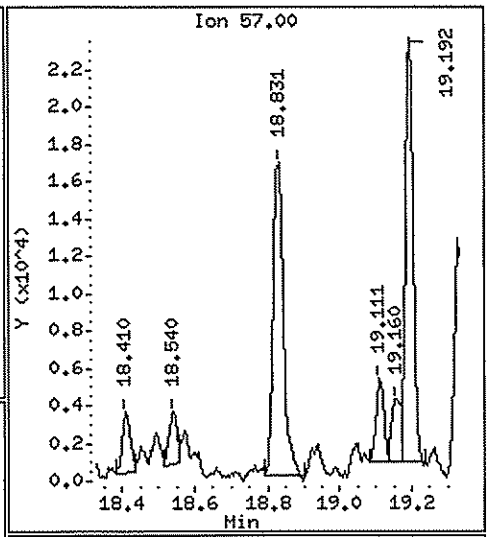
Column phase: RTX-5

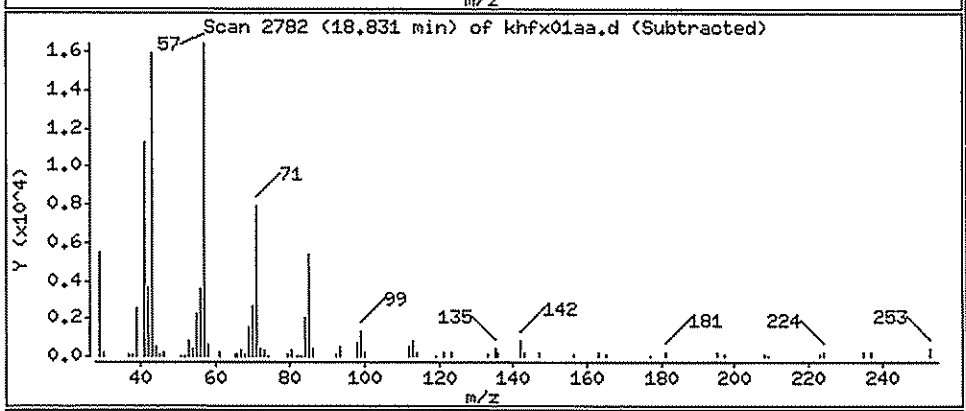
Column diameter: 0.32

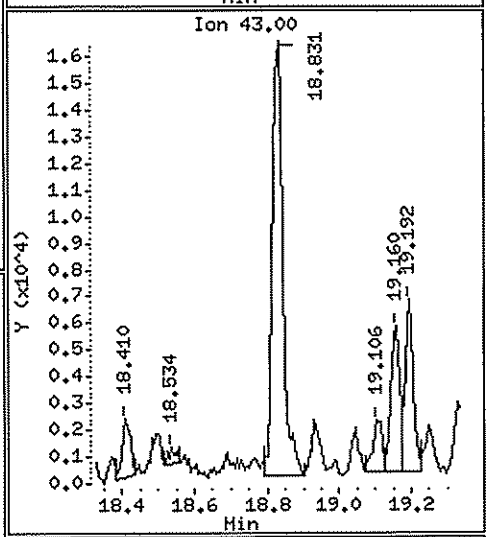
83 Decane

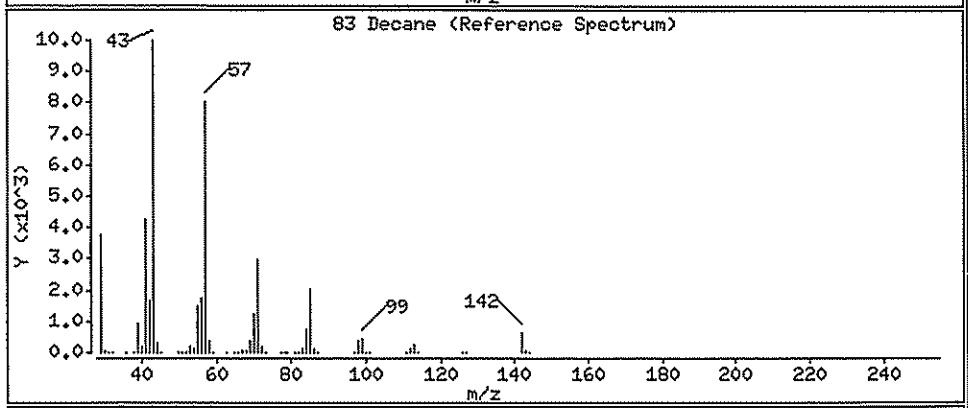
Concentration: 0.1605 ppb(v/v)

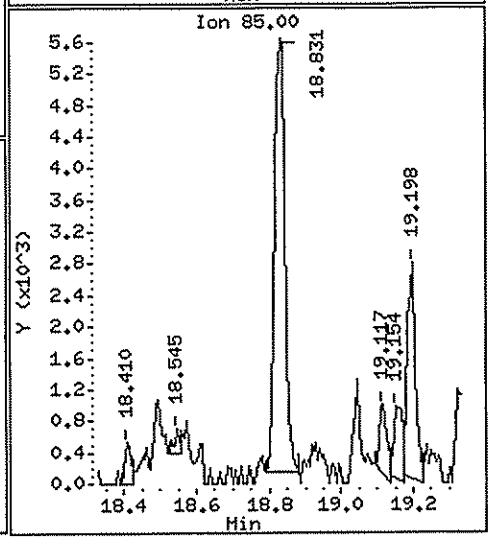


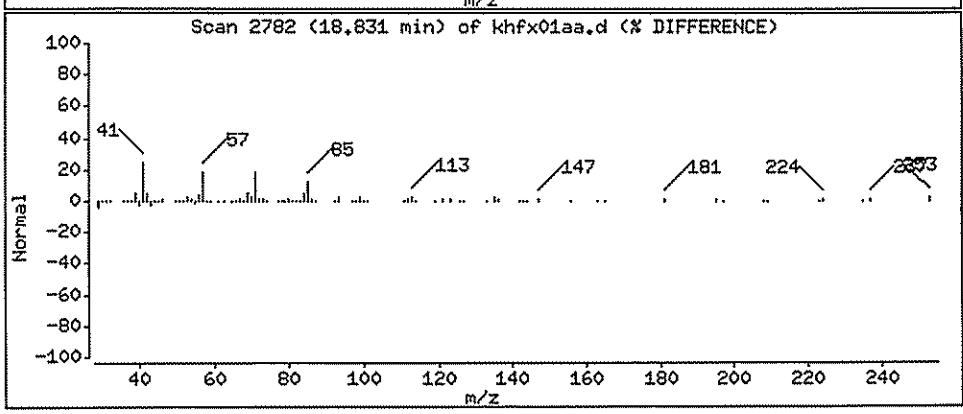












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

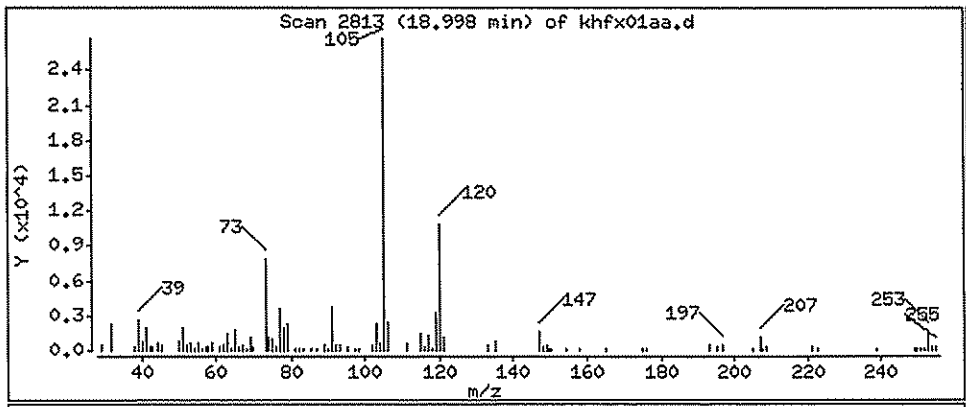
Operator: 3386

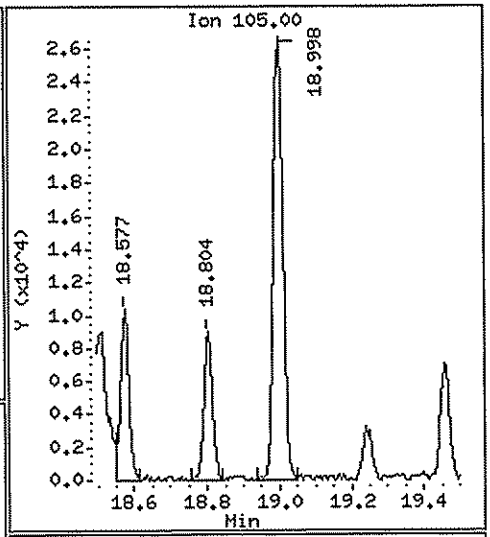
Column phase: RTX-5

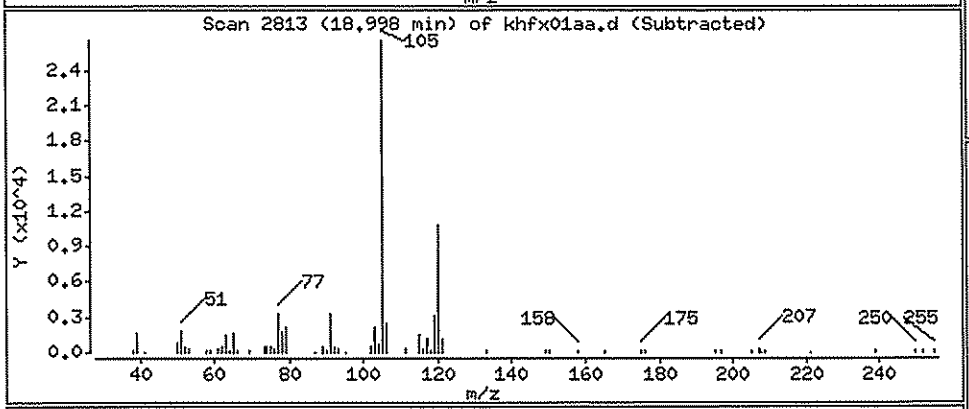
Column diameter: 0.32

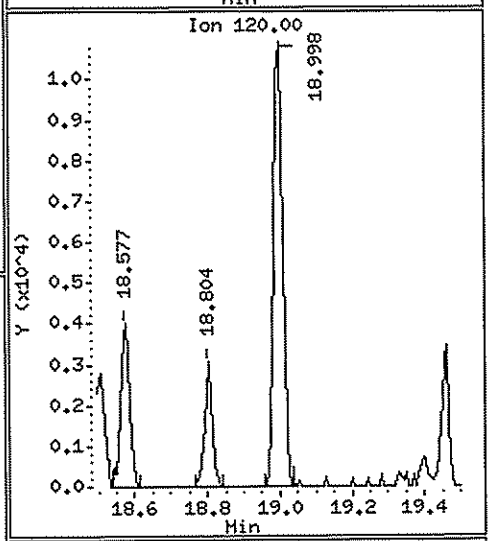
85 1,2,4-Trimethylbenzene

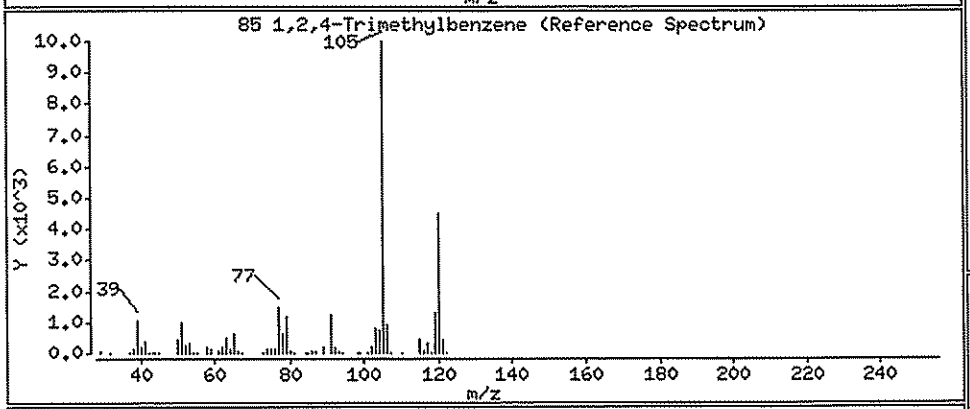
Concentration: 0.1769 ppb(v/v)

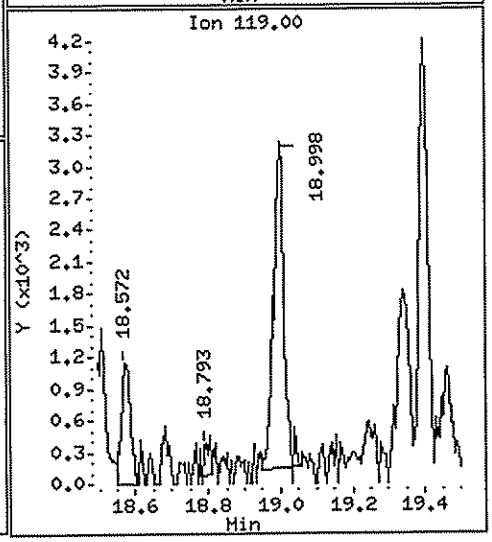


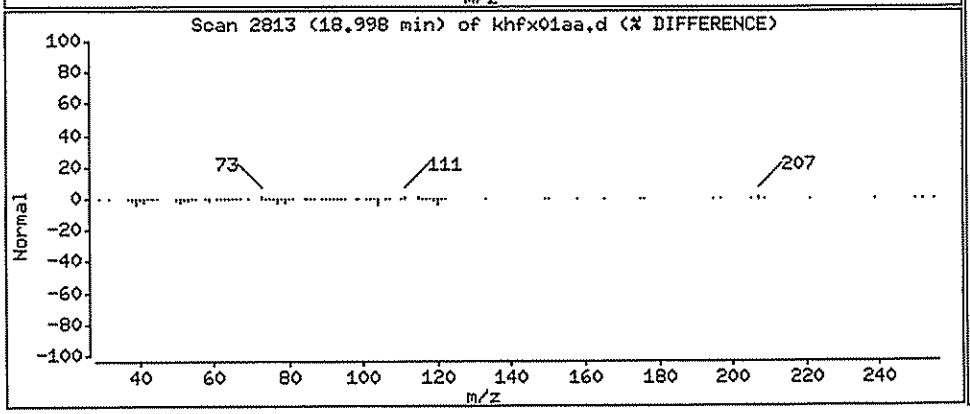












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

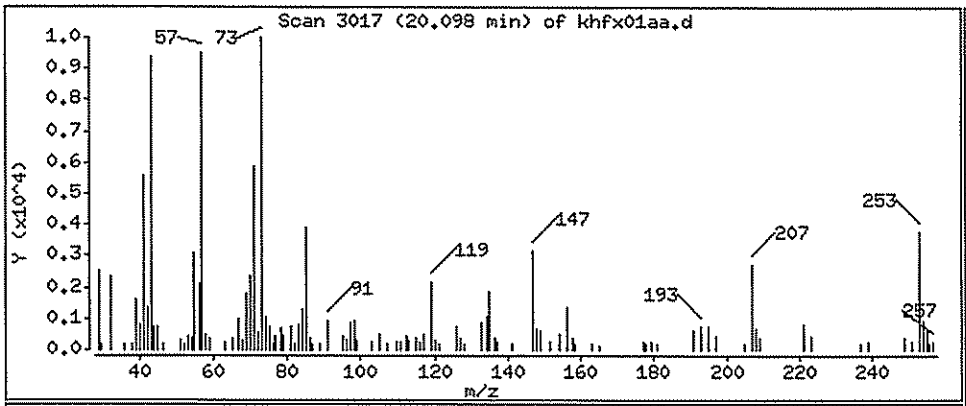
Operator: 3386

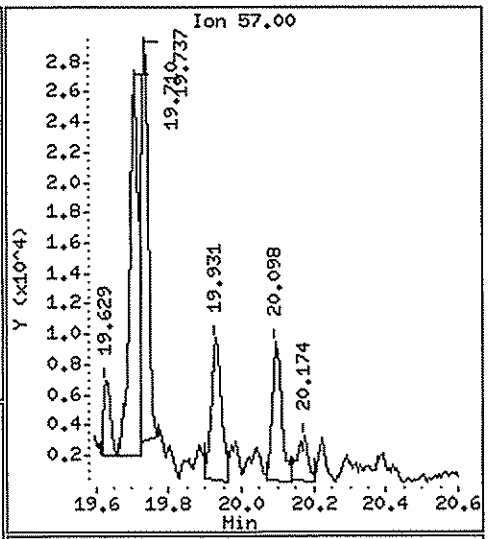
Column phase: RTX-5

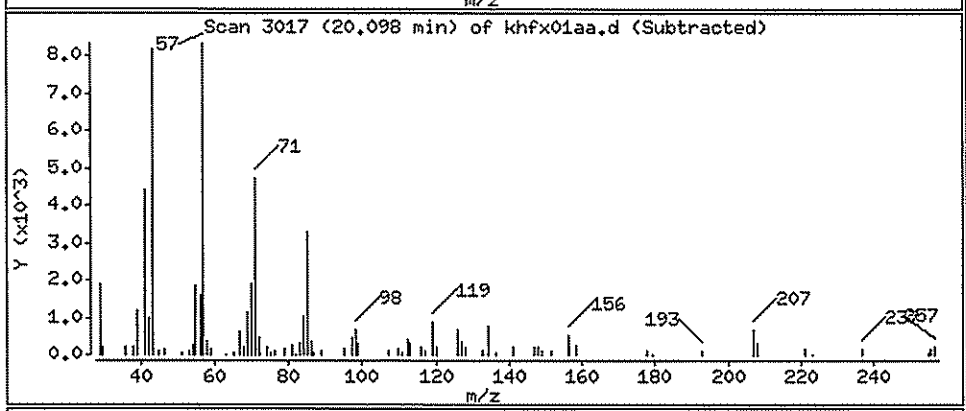
Column diameter: 0.32

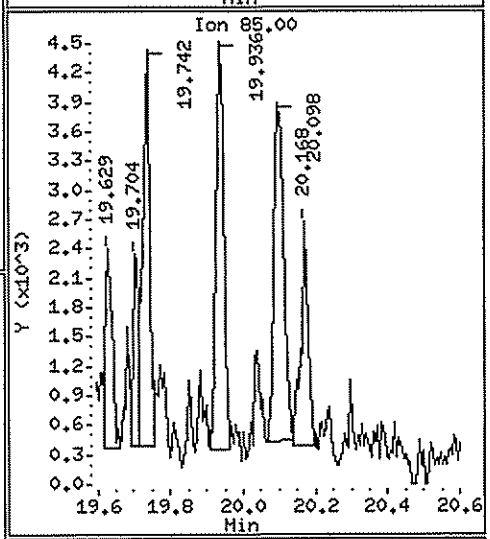
93 Undecane

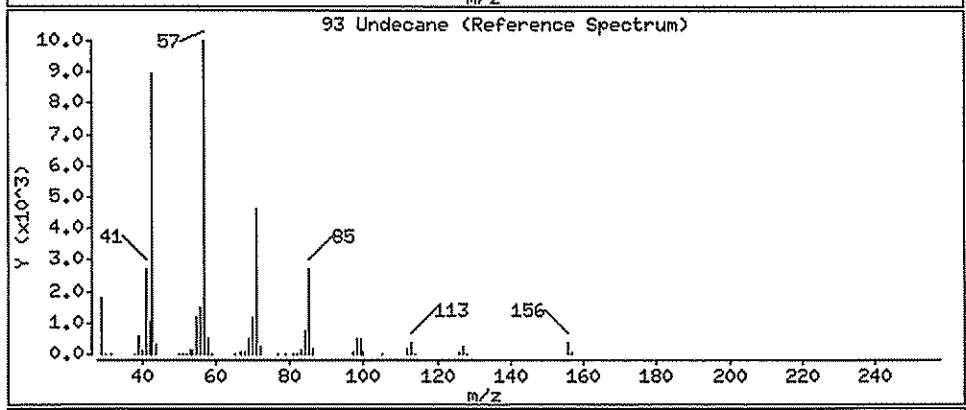
Concentration: 0.06561 ppb(v/v)

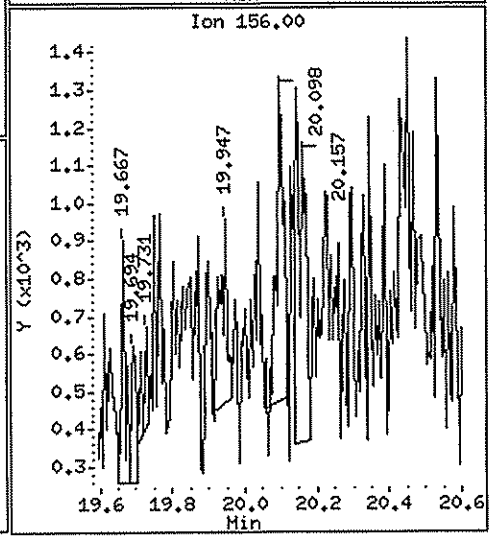


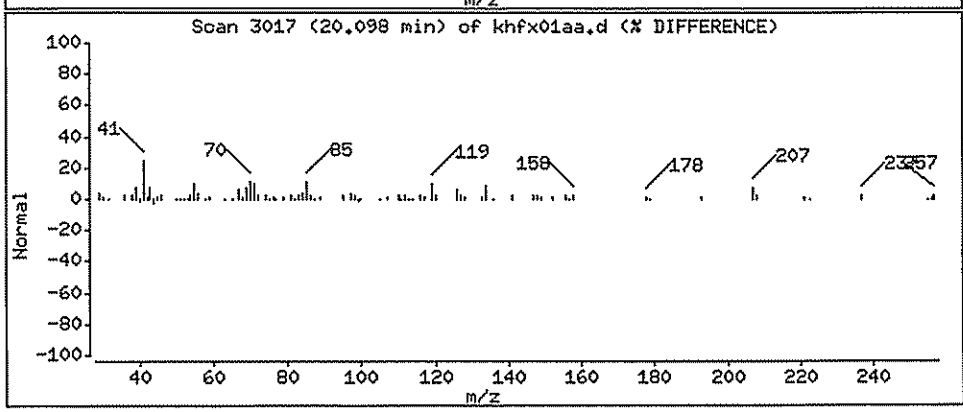












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

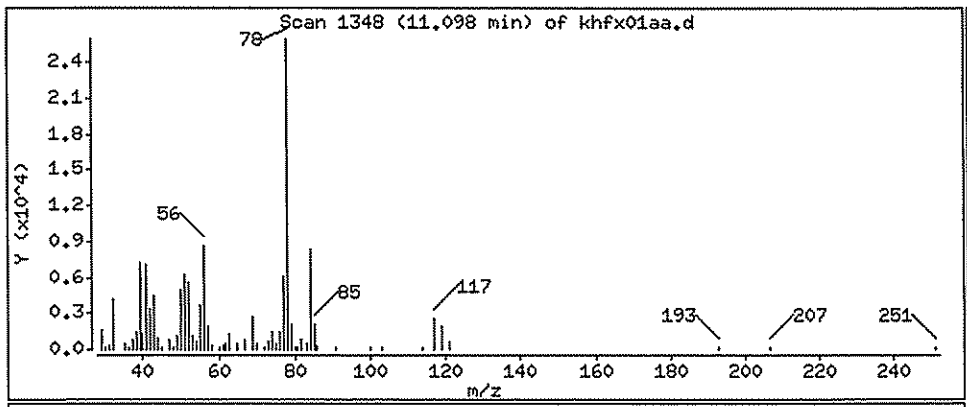
Operator: 3386

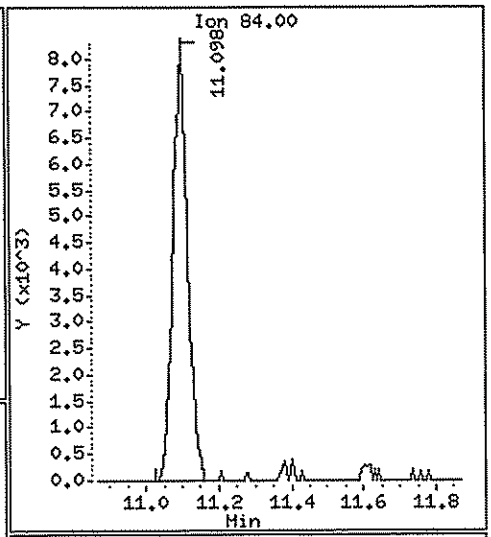
Column phase: RTX-5

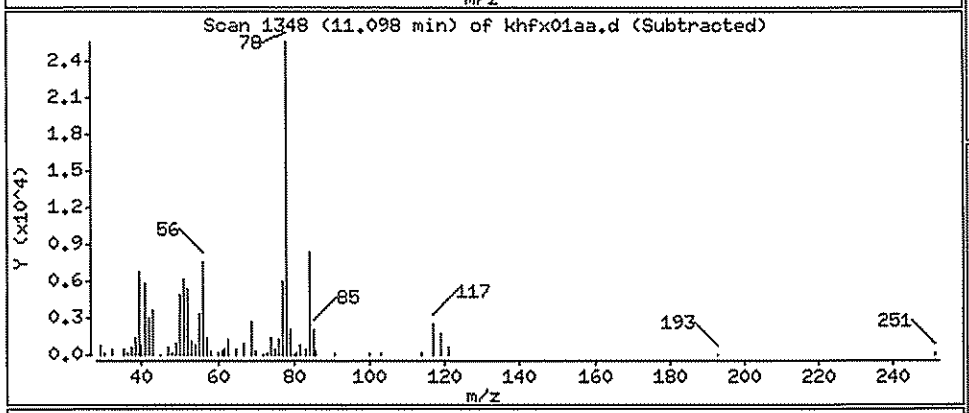
Column diameter: 0.32

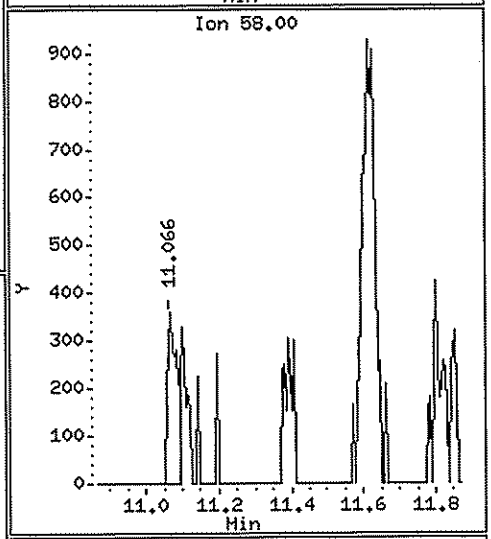
99 ~ Thiophene

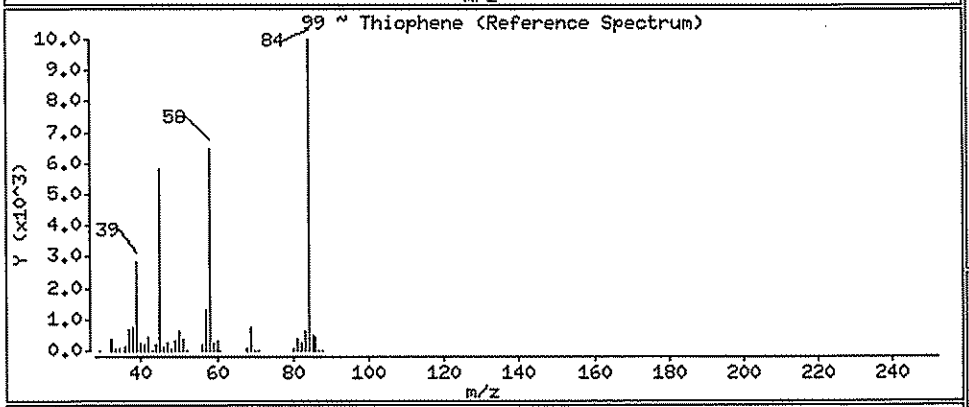
Concentration: 0.3050 ppb(v/v)

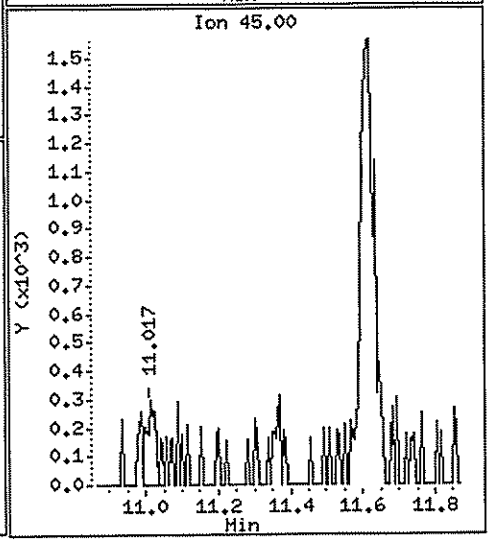


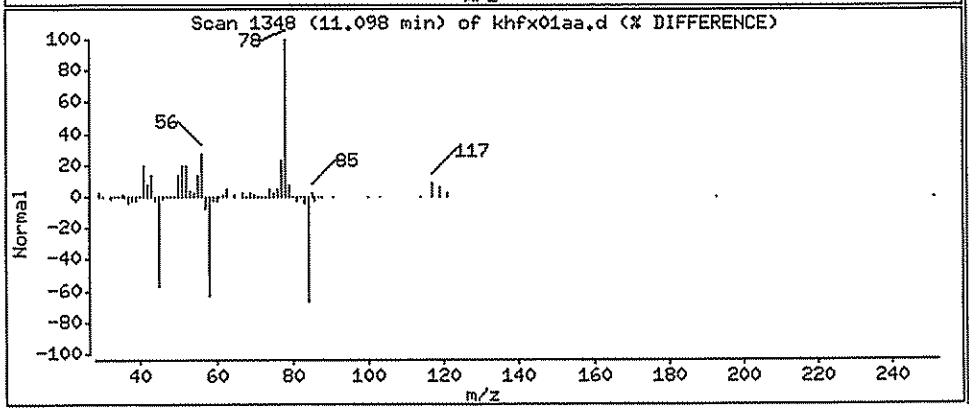












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d

Date : 26-FEB-2008 15:57

Client ID: SV-07-03-INA

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

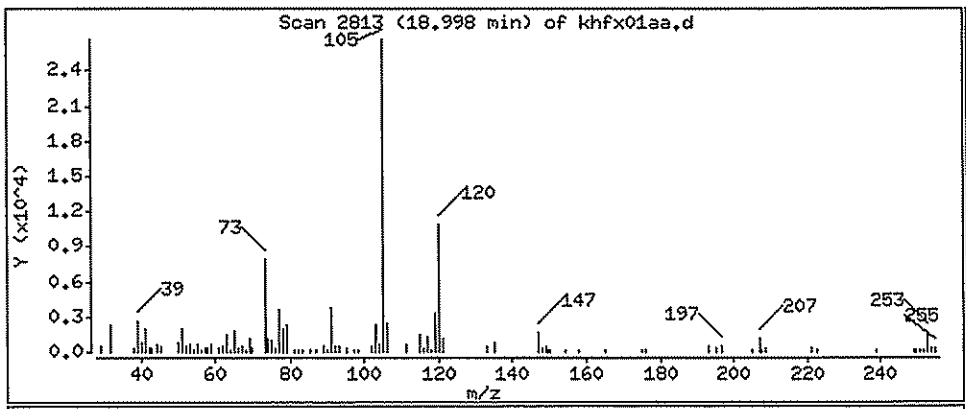
Operator: 3386

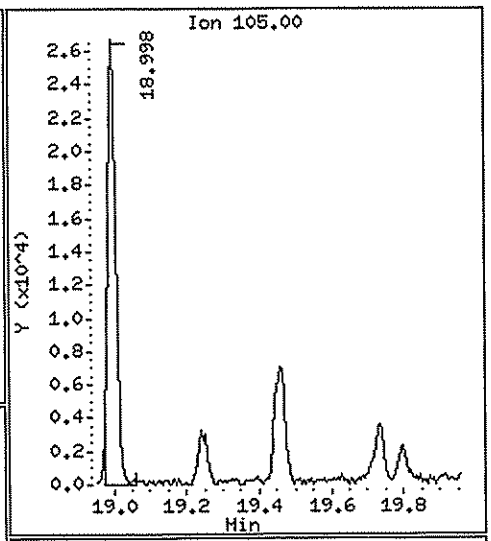
Column phase: RTX-5

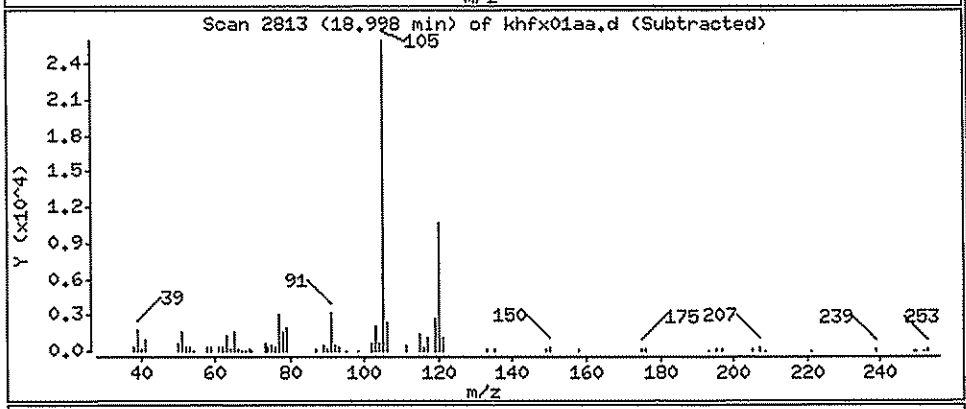
Column diameter: 0.32

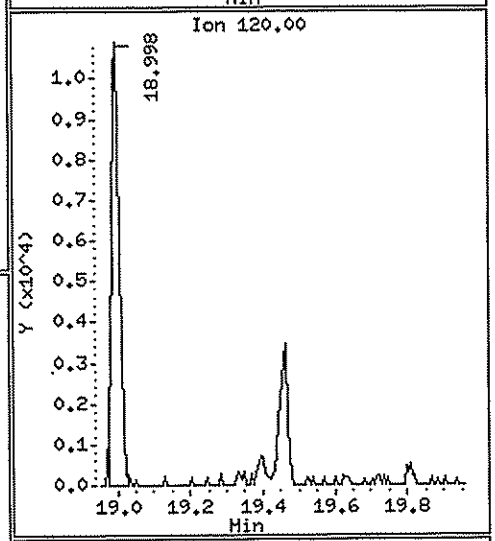
100 ~ 1,2,3-trimethylbenzene

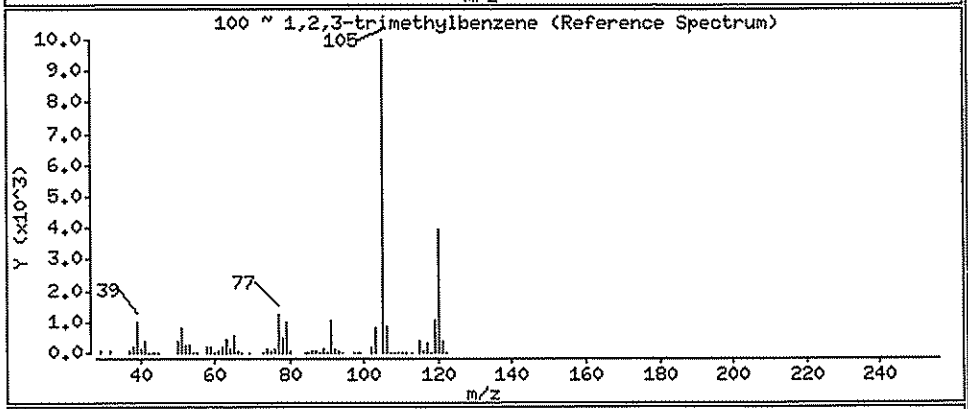
Concentration: 0.2045 ppb(v/v)

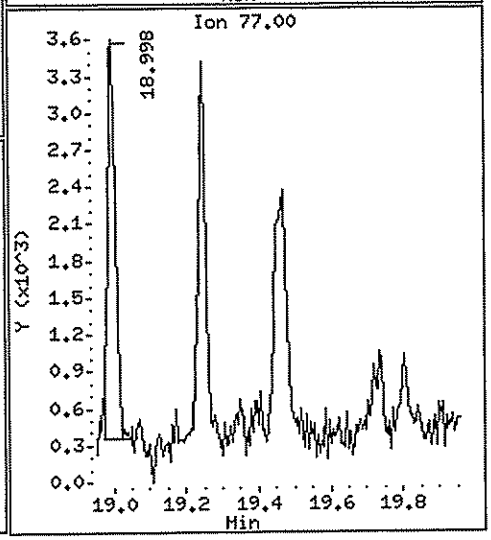


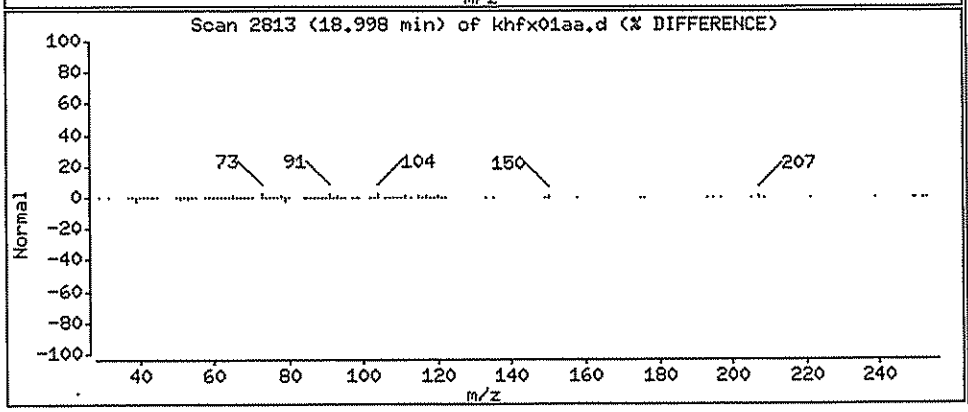












Data File: /var/chem/gcms/mg.i/G022608.b/khfx01aa.d
Report Date: 27-Feb-2008 13:27

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/khfx01aa.d
Lab Smp Id: KHFX01AA Client Smp ID: SV-07-03-INA
Inj Date : 26-FEB-2008 15:57
Operator : 3386 Inst ID: mg.i
Smp Info : ,,0,,,
Misc Info : G022608,TO155,seneca.sub,,,,500 ML
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 27-Feb-2008 13:21 layk Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	500.00000	Default sample volume

Cpnd Variable Local Compound Variable

ISTD	RT	HEIGHT	AMOUNT
* 1 Bromochloromethane	9.470	628105	4.000

	CONCENTRATIONS			QUANT			
RT	HEIGHT	ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	LIBRARY	LIB ENTRY	CPND #
Propane				CAS #: 74-98-6			
3.980	353528	2.25139427	2.251	72	NIST05.1	77	1
Hydrazinecarboxylic acid, ethyl ester				CAS #: 4114-31-2			
4.358	335645	2.13750886	2.138	9	NIST05.1	4536	1
Ethyl alcohol				CAS #: 64-17-5			
5.113	345255	2.19870881	2.199	83	NIST05.1	95	1

N/A

2-27-08

TestAmerica Buffalo

Client Sample ID: SV-OUTDOOR

GC/MS Volatiles

Lot-Sample # H8B210257 - 008 **Work Order #** KHFX11AA **Matrix.....:** AIR

Date Sampled...: 2/19/08 **Date Received..:** 2/21/08
Prep Date.....: 2/26/08 **Analysis Date...** 2/26/08
Prep Batch #.....: 8058104
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.080	ND		0.56
Ethylbenzene	**0.065**	**0.080**	**0.28**	**J**	**0.35**
Trichlorofluoromethane	**0.24**	**0.080**	**1.3**		**0.45**
n-Heptane	**0.063**	**0.20**	**0.26**	**J**	**0.82**
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	**0.14**	**0.20**	**0.48**	**J**	**0.70**
2,2,4-Trimethylpentane	**0.027**	**0.20**	**0.13**	**J**	**0.93**
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.24**	**0.20**	**0.82**	**B**	**0.69**
2-Methylnaphthalene	ND	1.0	ND		5.8
Naphthalene	ND	0.16	ND		0.84
Benzene	**0.21**	**0.080**	**0.68**		**0.26**
n-Octane	**0.026**	**0.16**	**0.12**	**J**	**0.75**
Pentane	**0.41**	**0.32**	**1.2**		**0.94**
Styrene	ND	0.080	ND		0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	**0.13**	**0.080**	**0.89**		**0.54**
Toluene	**0.15**	**0.080**	**0.56**		**0.30**
1,2,4-Trichlorobenzene	ND	0.40	ND		3.0
1,1,1-Trichloroethane	**0.013**	**0.080**	**0.073**	**J**	**0.44**
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	**0.029**	**0.080**	**0.14**	**J**	**0.39**
1,3,5-Trimethylbenzene	ND	0.080	ND		0.39
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	**0.055**	**0.080**	**0.24**	**J**	**0.35**
1-Methylnaphthalene	ND	1.0	ND		5.8
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	ND	0.40	ND		2.3
n-Dodecane	ND	0.40	ND		2.8
n-Undecane	ND	0.40	ND		2.6
1,1,2-Trichlorotrifluoroethane	**0.074**	**0.080**	**0.57**	**J**	**0.61**
Nonane	ND	0.16	ND		0.84
m-Xylene & p-Xylene	**0.15**	**0.080**	**0.63**		**0.35**
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	**2.2**	**0.16**	**5.3**		**0.38**
Bromomethane	ND	0.080	ND		0.31
Indene	ND	0.16	ND		0.76
Thiophene	ND	0.080	ND		0.28

TestAmerica Buffalo

Client Sample ID: SV-OUTDOOR

GC/MS Volatiles

Lot-Sample # H8B210257 - 008 **Work Order #** KHFX11AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Carbon tetrachloride	**0.082**	**0.080**	**0.52**	**0.50**
Chlorobenzene	ND	0.080	ND	0.37
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Chloroethane	ND	0.080	ND	0.21
Chloroform	ND	0.080	ND	0.39
Chloromethane	**0.56**	**0.20**	**1.2**	**0.41**
2-Methylbutane	**0.82**	**0.20**	**2.4**	**0.59**
Indane	ND	0.080	ND	0.39
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	**0.54**	**0.080**	**2.7**	**0.40**
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
butylcyclohexane	ND	ppb(v/v)
2,3-dimethylheptane	ND	ppb(v/v)
2,3-dimethylpentane	ND	ppb(v/v)

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	101	70 - 130
Toluene-d8	104	70 - 130
4-Bromofluorobenzene	110	70 - 130

Qualifiers

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d
Report Date: 27-Feb-2008 10:07

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/khfx11aa.d
Lab Smp Id: KHFX11AA Client Smp ID: SV-OUTDOOR
Inj Date : 26-FEB-2008 16:37
Operator : 3386 Inst ID: mg.i
Smp Info : ,,0,,,
Misc Info : G022608,TO155,seneca.sub,,,,500 ML
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 27-Feb-2008 10:05 layk Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	500.00000	Default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
* 1 Bromochloromethane	128	9.470	9.475	(1.000)	180088	4.00000	4.000
* 2 1,4-Difluorobenzene	114	11.616	11.621	(1.000)	737072	4.00000	4.000
* 3 Chlorobenzene-d5	117	16.275	16.280	(1.000)	650821	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	10.483	10.489	(0.902)	203673	4.03439	4.034
$ 5 Toluene-d8	98	14.215	14.215	(0.873)	584420	4.14853	4.148
$ 6 4-Bromofluorobenzene	95	17.892	17.892	(1.099)	517066	4.39641	4.396
9 Dichlorodifluoromethane	85	4.029	4.034	(0.425)	90199	0.54286	0.5429
10 Chloromethane	52	4.234	4.239	(0.447)	6605	0.56036	0.5604
13 Vinyl Chloride	62	3.996	4.428	(0.422)	1633	0.03586	~~0.03586~~
14 n-Butane	43	4.519	4.525	(0.477)	150799	2.22526	2.225
19 2-methyl butane	43	5.425	5.425	(0.573)	51962	0.81858	0.8186
20 Trichlorofluoromethane	101	5.668	5.668	(0.599)	45353	0.23662	0.2366
24 Pentane	72	5.900	5.905	(0.623)	4290	0.40821	0.4082
30 1,1,2-Trichlorotrifluoroethane	101	6.617	6.612	(0.699)	8897	0.07417	0.07417
31 Methylene Chloride	84	6.811	6.811	(0.719)	11973	0.23530	0.2353
38 Hexane	56	8.671	8.682	(0.916)	6416	0.13616	0.1362

VM 2-27-08

Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d
Report Date: 27-Feb-2008 10:07

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
44 1,1,1-Trichloroethane	97	10.526	10.521	(1.112)	1900	0.01338	0.01338
47 Benzene	78	11.098	11.109	(0.955)	40500	0.21269	0.2127
49 Carbon Tetrachloride	117	11.125	11.125	(0.958)	13905	0.08196	0.08196
50 2,2,4-trimethylpentane	57	11.815	11.821	(1.017)	8239	0.02706	0.02706
51 Heptane	43	12.176	12.176	(1.048)	7618	0.06257	0.06257
61 Toluene	91	14.328	14.328	(0.880)	51647	0.14817	0.1482
62 1,1,2-Trichloroethane	97	14.226	14.409	(0.874)	66283	0.99624	~~0.9962~~
64 Octane	85	14.975	14.975	(0.920)	2080	0.02598	0.02598
67 Tetrachloroethene	129	15.455	15.455	(0.950)	11956	0.13106	0.1311
69 Ethylbenzene	91	16.598	16.604	(1.020)	14959	0.06521	0.06521
70 m&p-Xylene	91	16.755	16.760	(1.029)	27380	0.14547	0.1455
74 o-Xylene	91	17.283	17.283	(1.062)	10590	0.05463	0.05463
85 1,2,4-Trimethylbenzene	105	18.992	18.998	(1.167)	8069	0.02873	0.02873
93 Undecane	57	20.222	20.098	(1.243)	6695	0.02675	~~0.02675~~

KM 2-27-08

Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d
Report Date: 27-Feb-2008 10:07

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: khfx11aa.d
Lab Smp Id: KHFX11AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 3386
Method File: /var/chem/gcms/mg.i/G022608.b/TO155.m
Misc Info: G022608,TO155,seneca.sub,,,,500 ML

Calibration Date: 26-FEB-2008
Calibration Time: 07:50
Client Smp ID: SV-OUTDOOR
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	249595	148509	350681	180088	-27.85
2 1,4-Difluorobenze	931673	554345	1309001	737072	-20.89
3 Chlorobenzene-d5	803231	477922	1128540	650821	-18.97

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	9.47	9.14	9.80	9.47	-0.06
2 1,4-Difluorobenze	11.62	11.29	11.95	11.62	-0.05
3 Chlorobenzene-d5	16.28	15.95	16.61	16.27	-0.03

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.

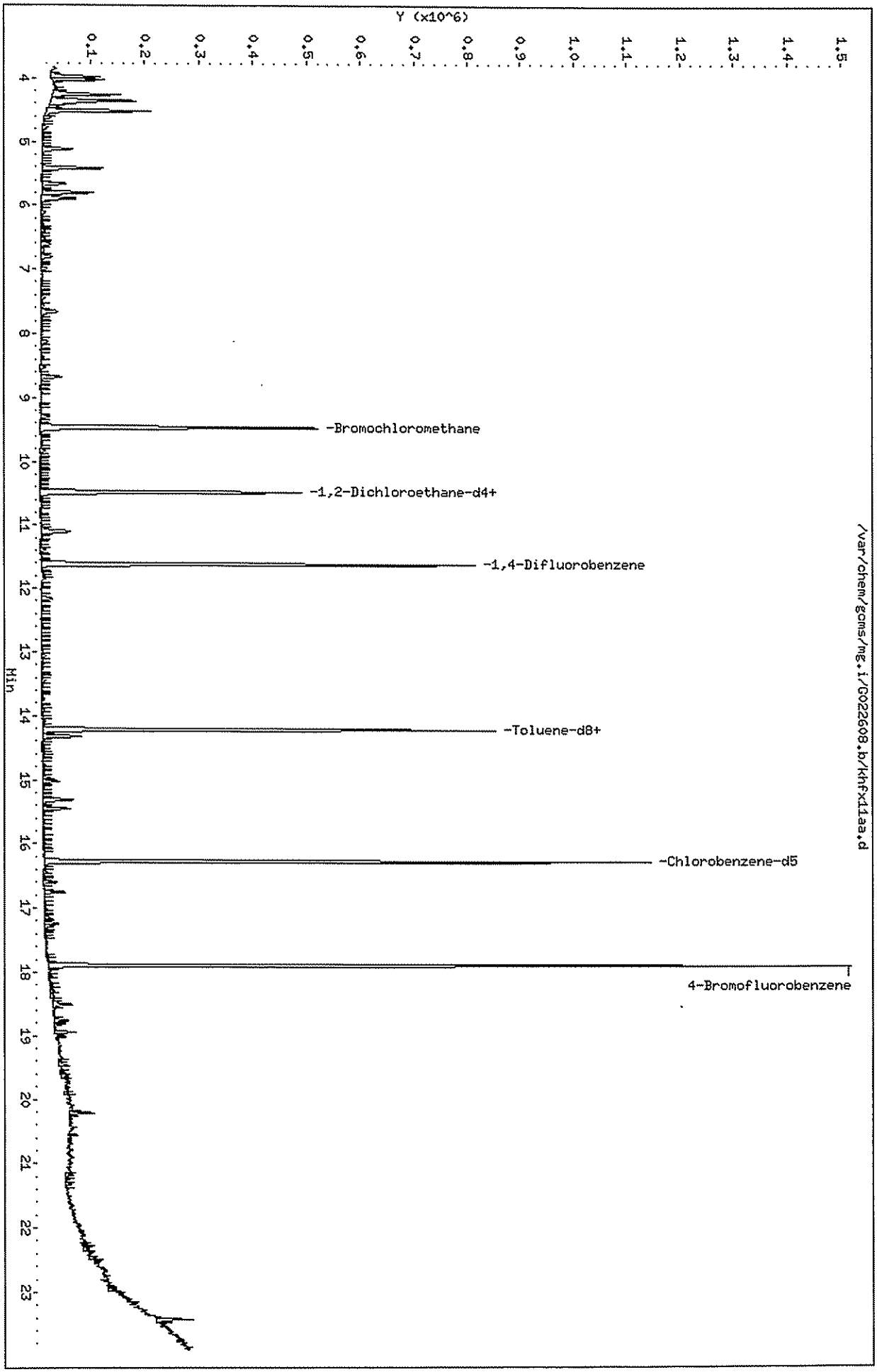
Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d
Report Date: 27-Feb-2008 10:07

TestAmerica Knoxville

RECOVERY REPORT

Client Name: TestAmerica Buffalo
Client SDG: H8B210257
Sample Matrix: GAS
Fraction: OTHER
Lab Smp Id: KHFX11AA
Client Smp ID: SV-OUTDOOR
Level: LOW
Operator: 3386
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: all.spk
Quant Type: ISTD
Sublist File: seneca.sub
Method File: /var/chem/gcms/mg.i/G022608.b/TO155.m
Misc Info: G022608,TO155,seneca.sub,,,,500 ML

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	4.000	4.034	100.86	70-130
$ 5 Toluene-d8	4.000	4.148	103.71	70-130
$ 6 4-Bromofluorobenze	4.000	4.396	109.91	70-130


Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d
Date : 26-FEB-2008 16:37
Client ID: SV-OUTDOOR
Sample Info: ,,0,,,
Purge Volume: 500.0
Column phase: RTX-5
Instrument: mg.i
Operator: 3386
Column diameter: 0.32
Y (x10^6)
-Bromochloromethane
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene
/var/chem/gcms/mg.i/G022608.b/khfx11aa.d
Min

Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

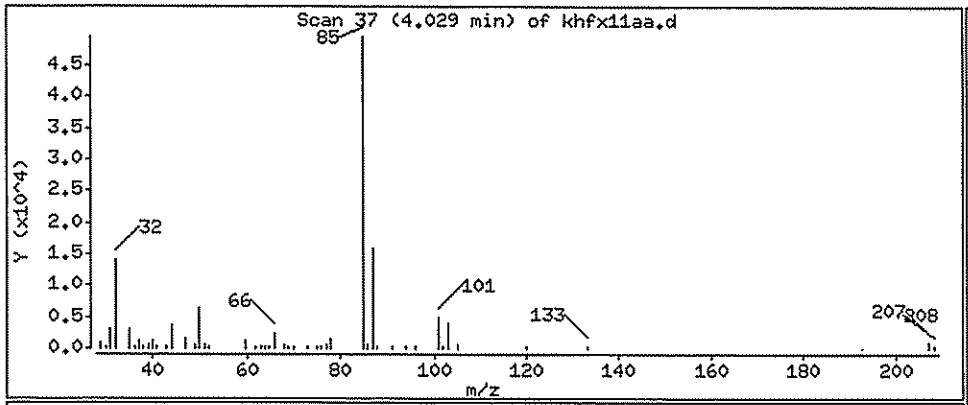
Operator: 3386

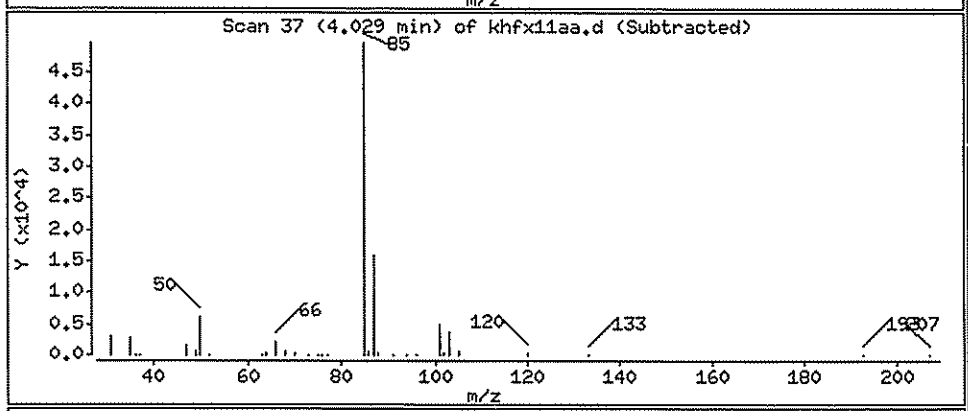
Column phase: RTX-5

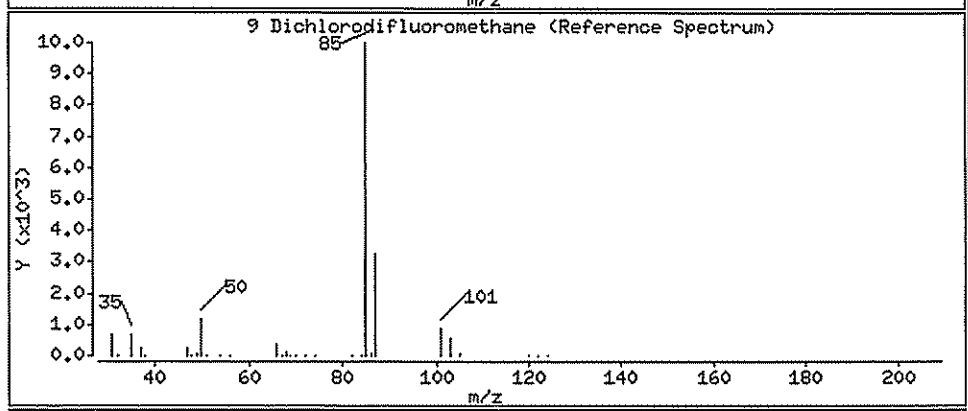
Column diameter: 0.32

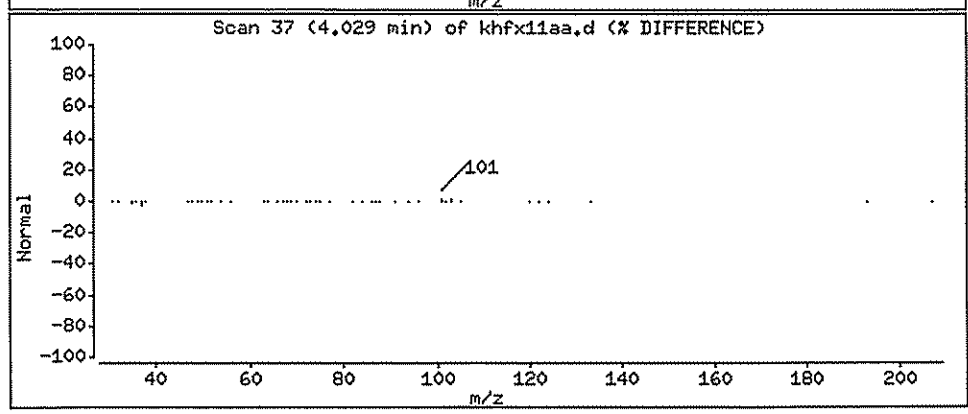
9 Dichlorodifluoromethane

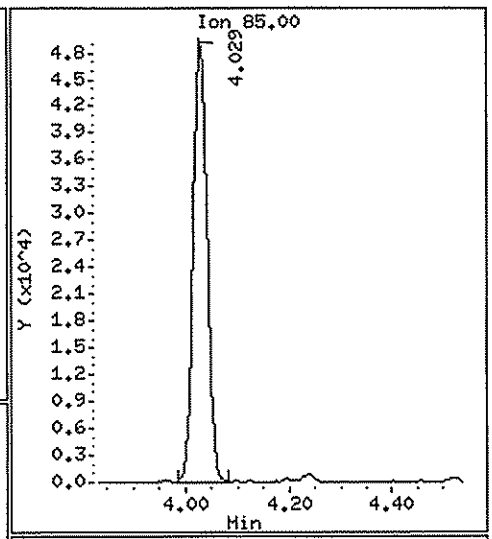
Concentration: 0.5429 ppb(v/v)

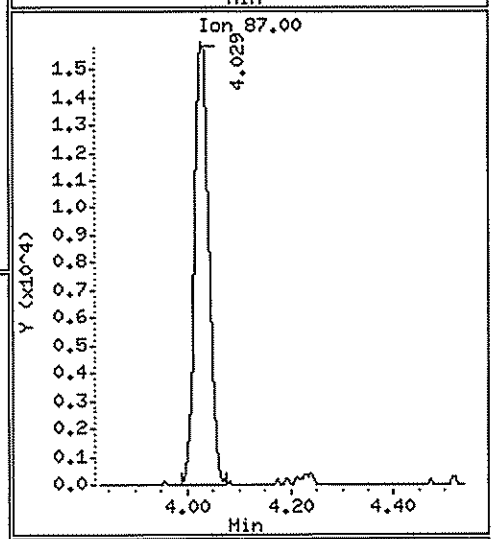


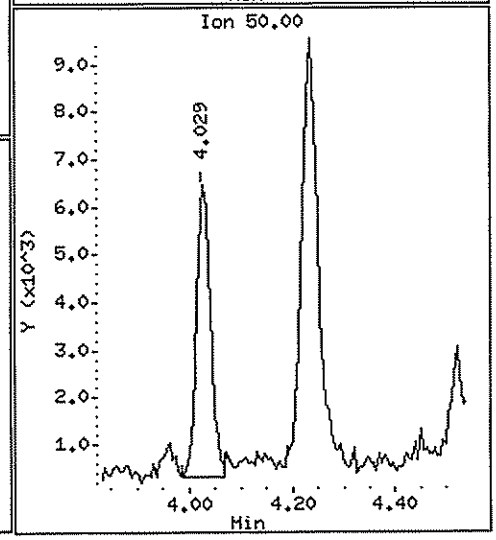












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

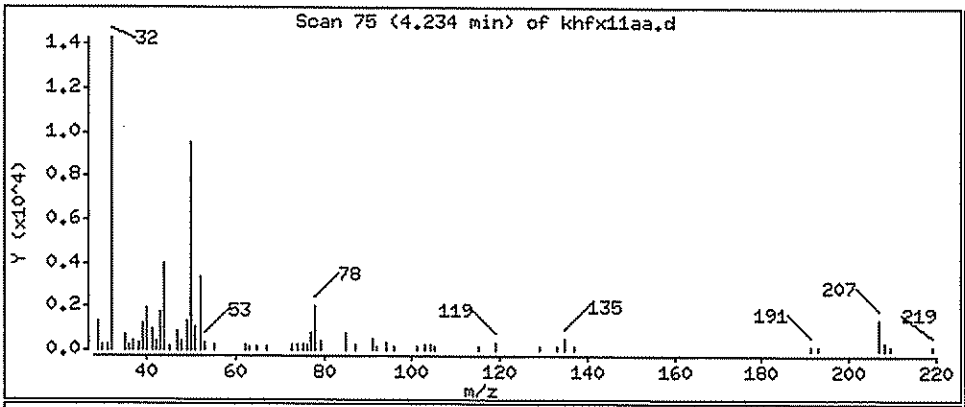
Operator: 3386

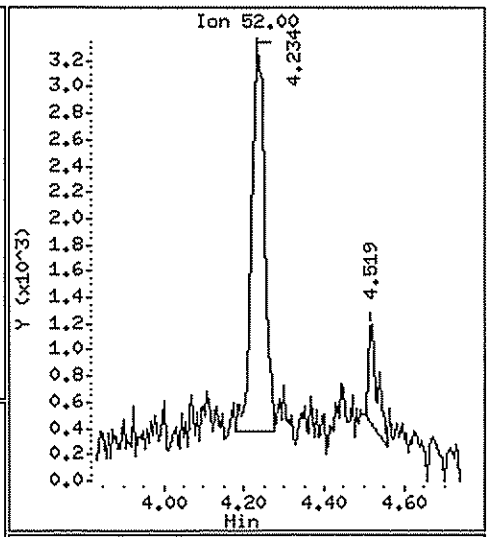
Column phase: RTX-5

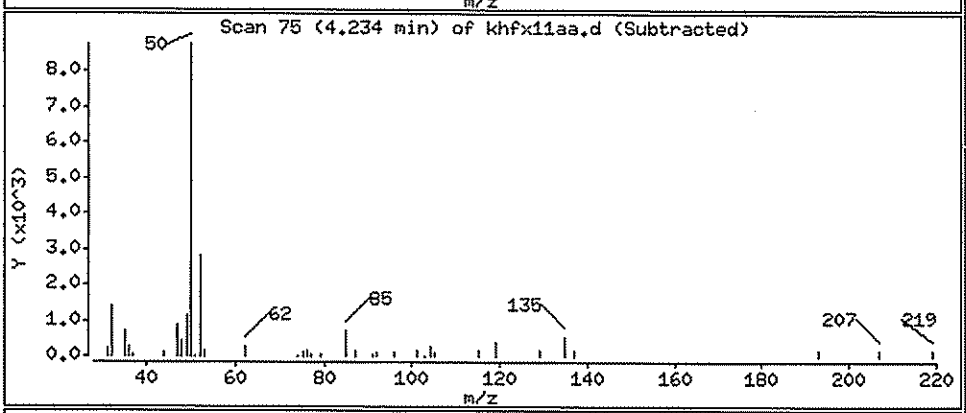
Column diameter: 0.32

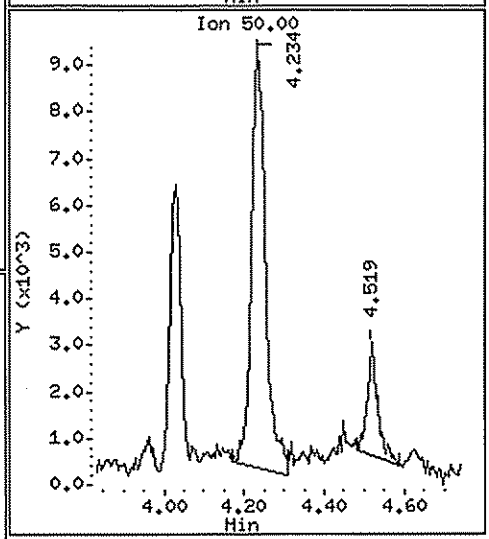
10 Chloromethane

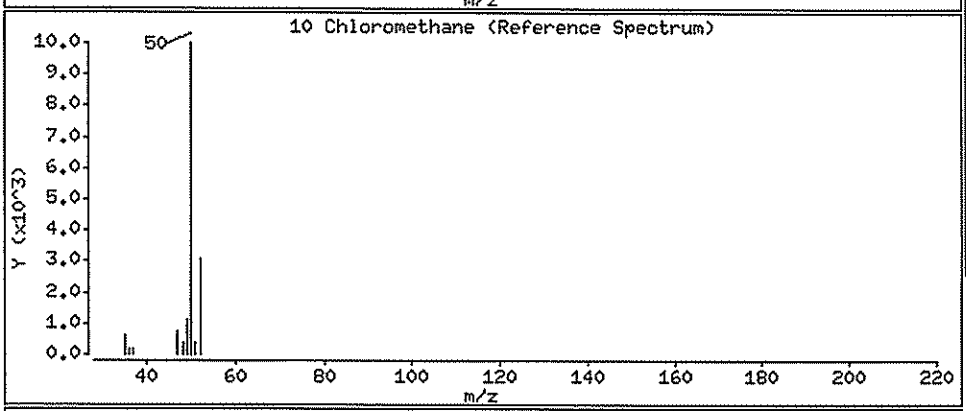
Concentration: 0.5604 ppb(v/v)

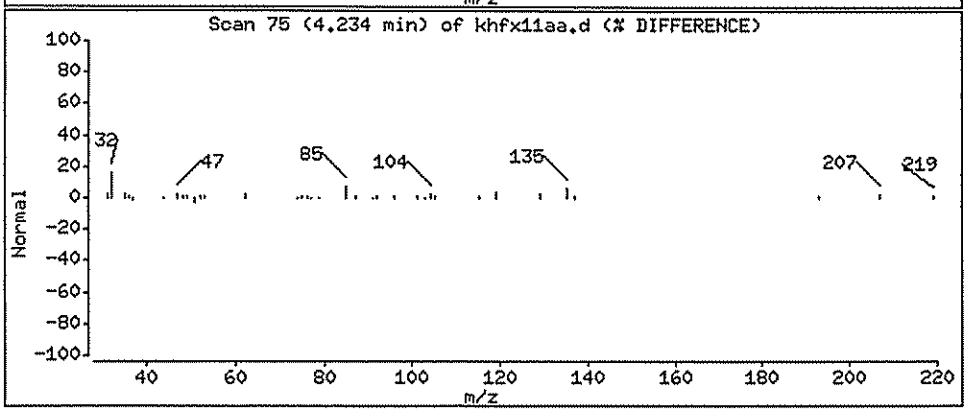












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

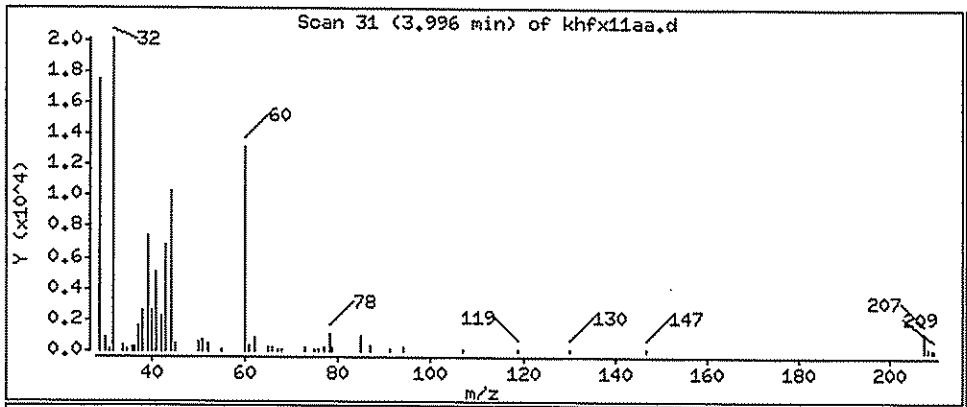
Operator: 3386

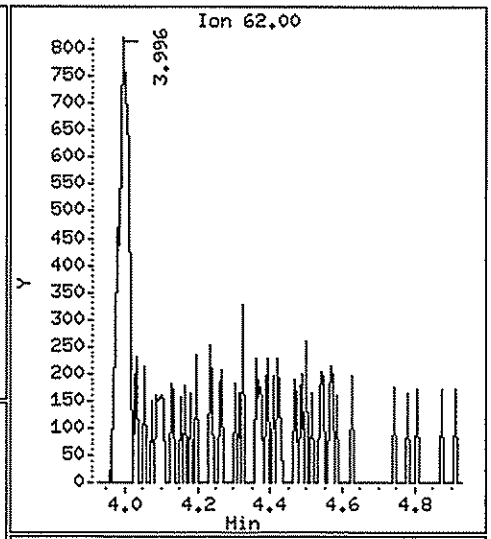
Column phase: RTX-5

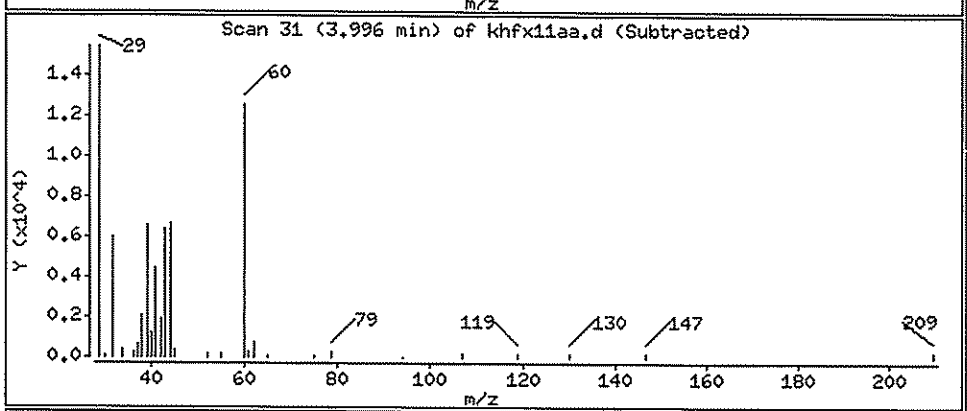
Column diameter: 0.32

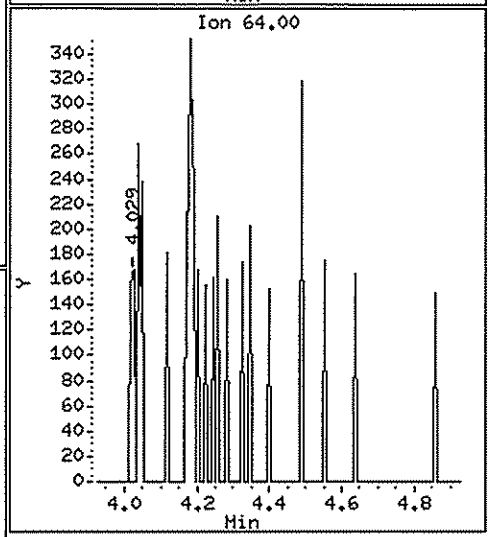
13 Vinyl Chloride

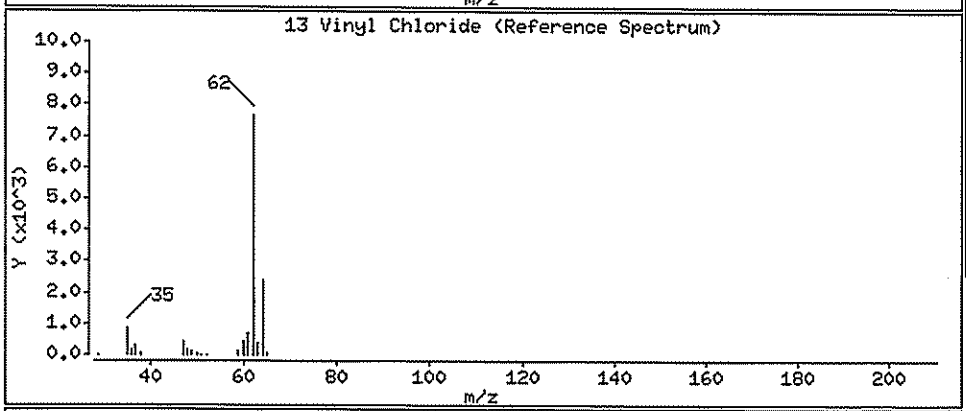
Concentration: 0.03586 ppb(v/v)

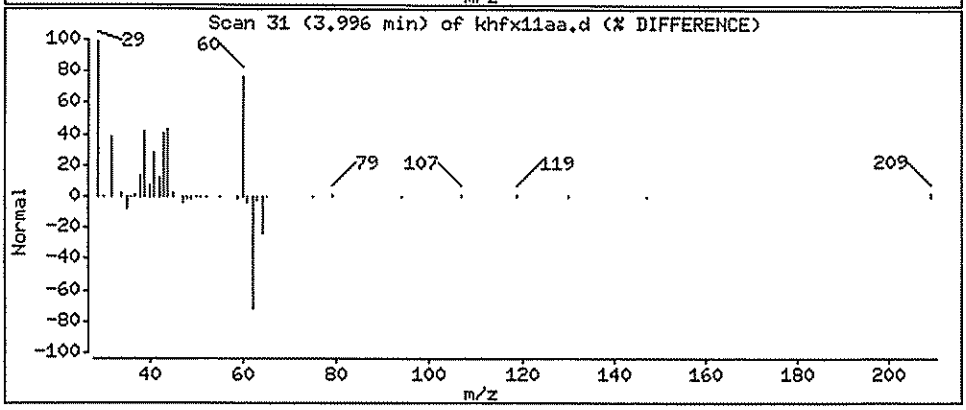












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

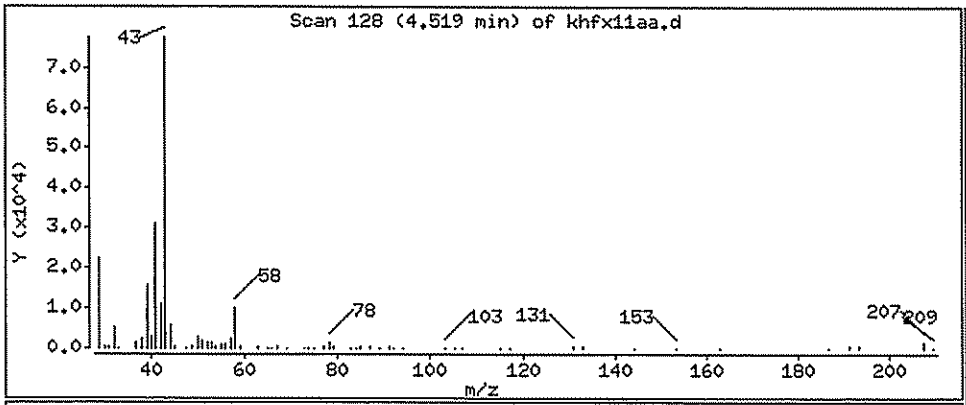
Operator: 3386

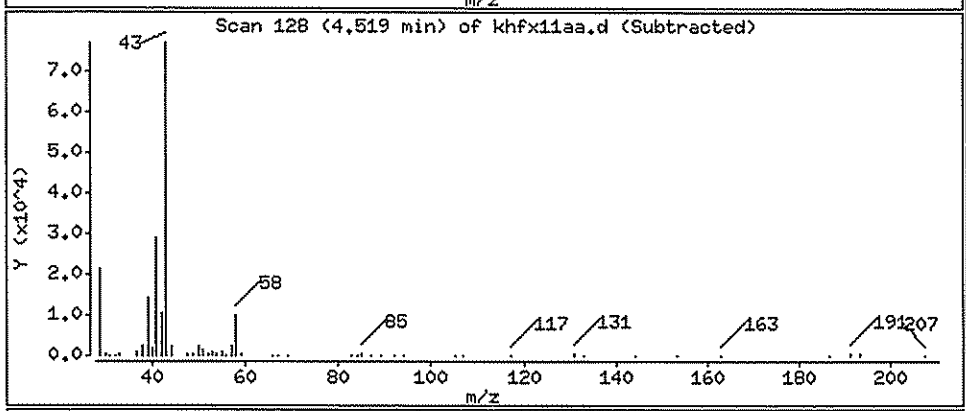
Column phase: RTX-5

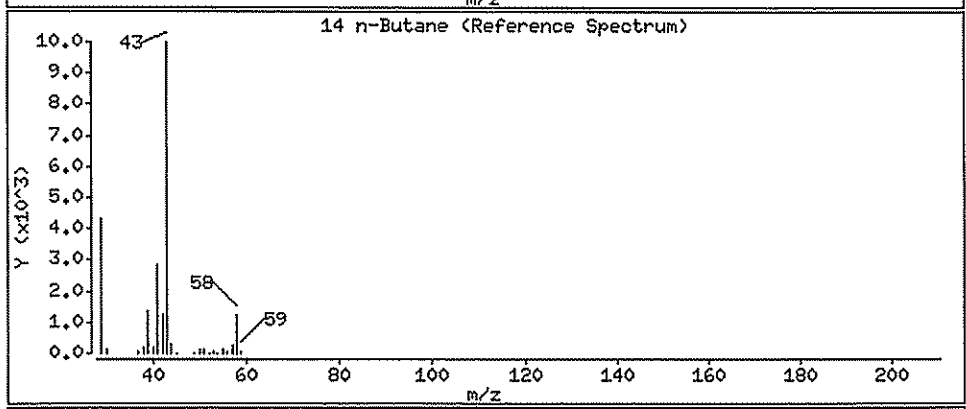
Column diameter: 0.32

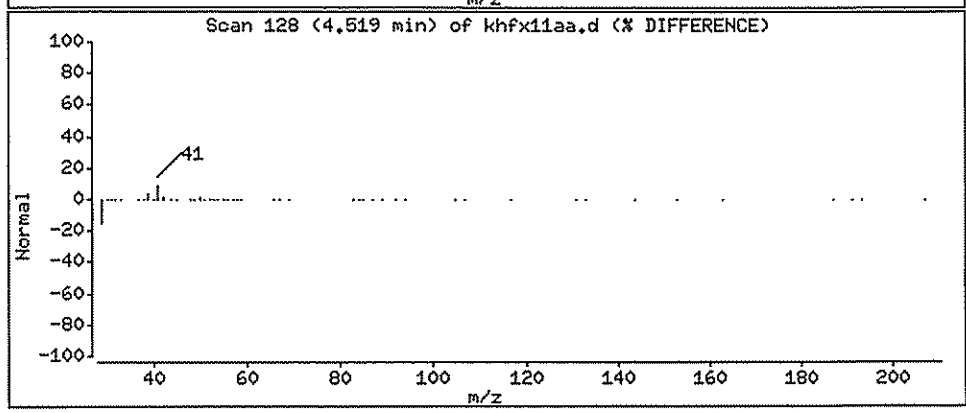
14 n-Butane

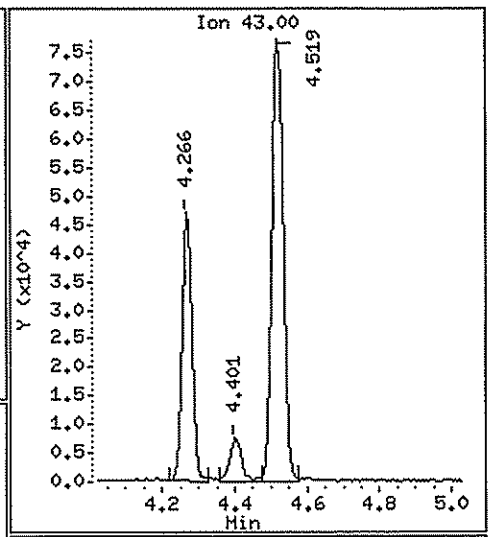
Concentration: 2.225 ppb(v/v)

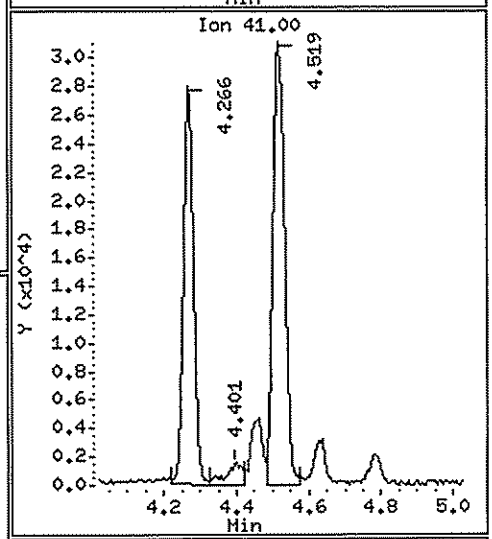


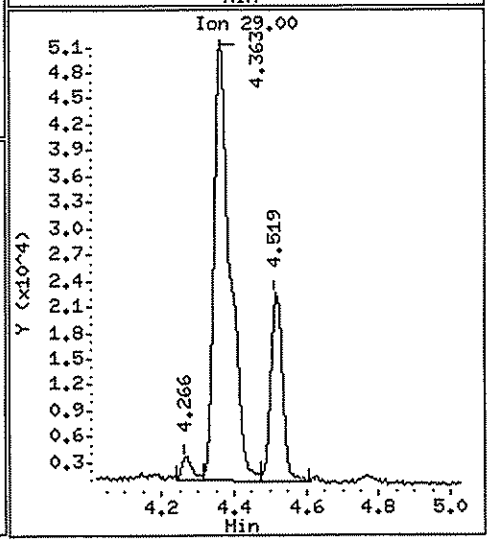












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

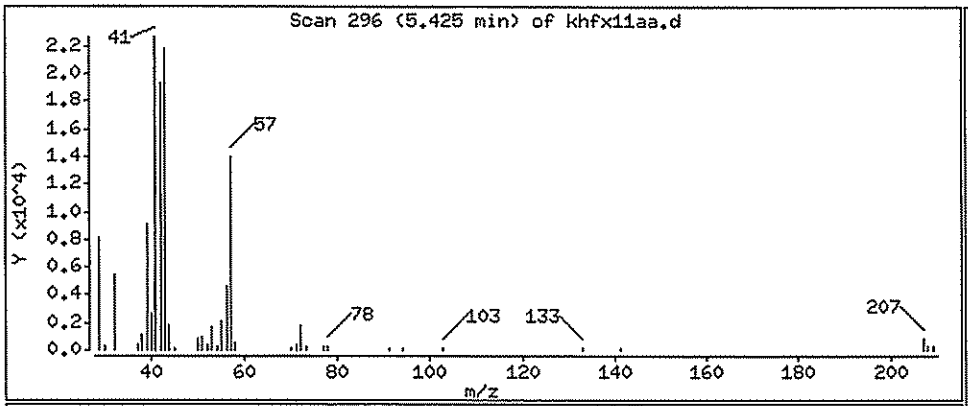
Operator: 3386

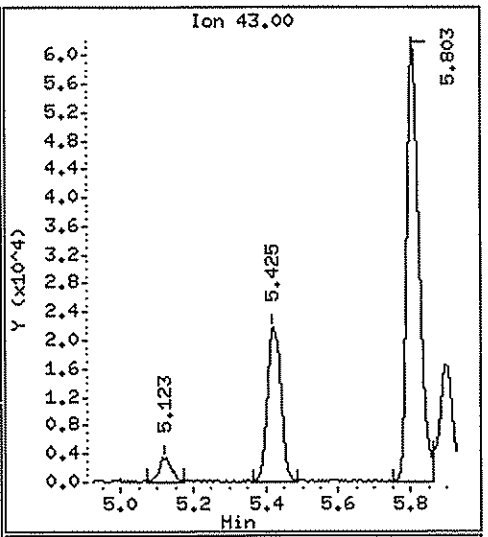
Column phase: RTX-5

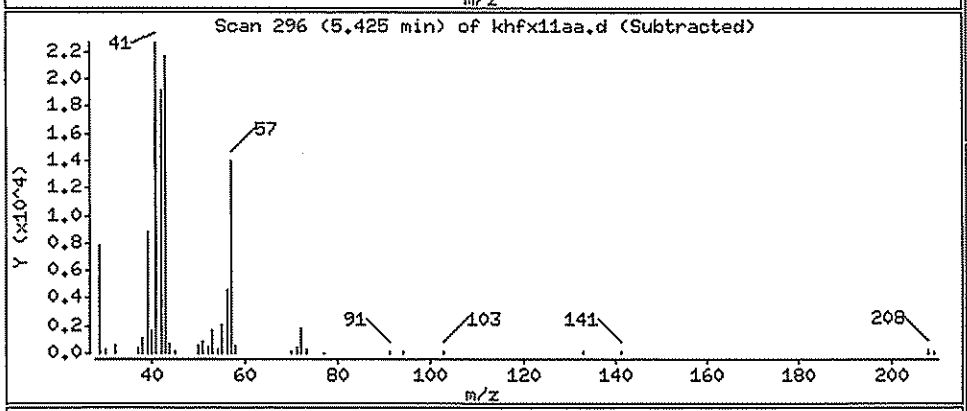
Column diameter: 0.32

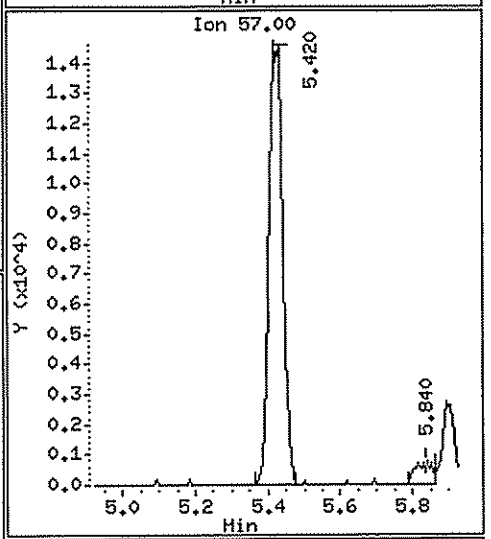
19 2-methyl butane

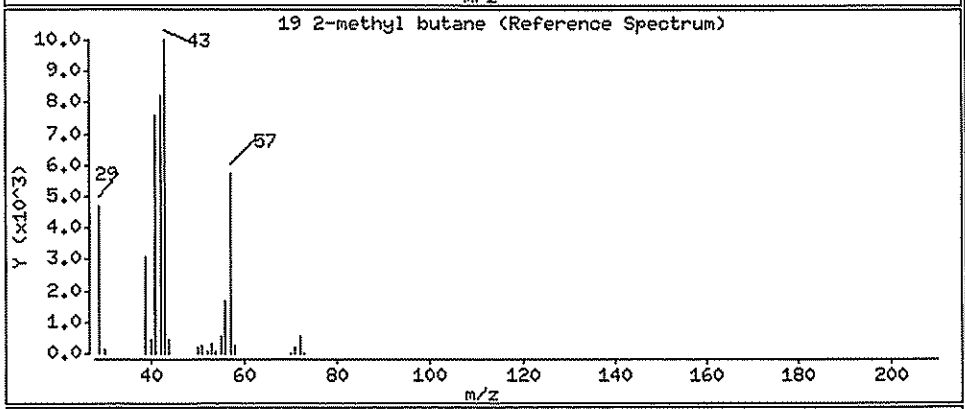
Concentration: 0.8186 ppb(v/v)

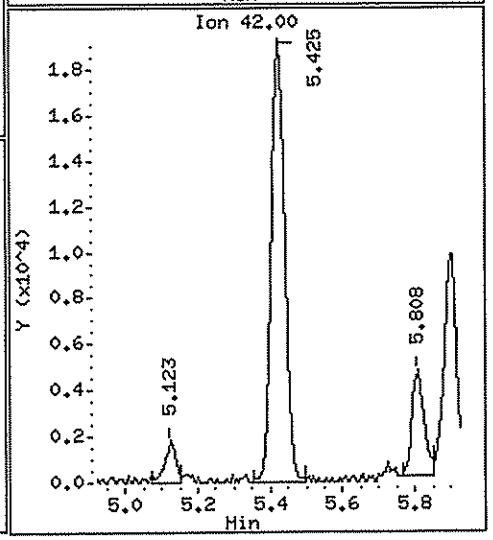


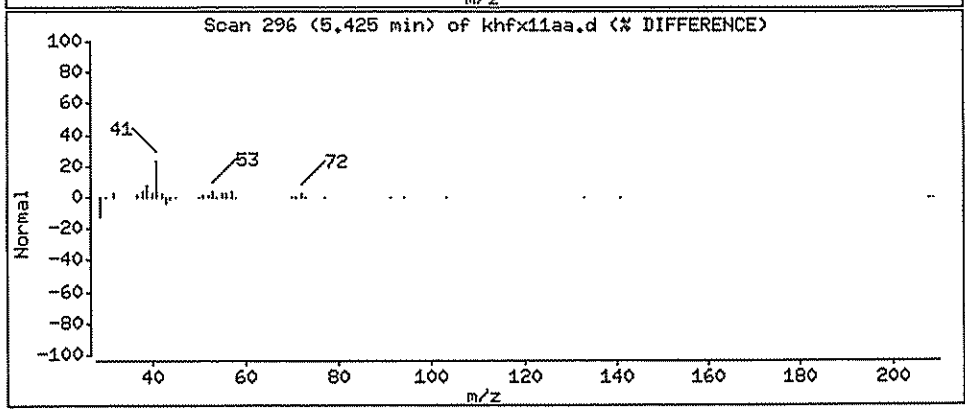












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

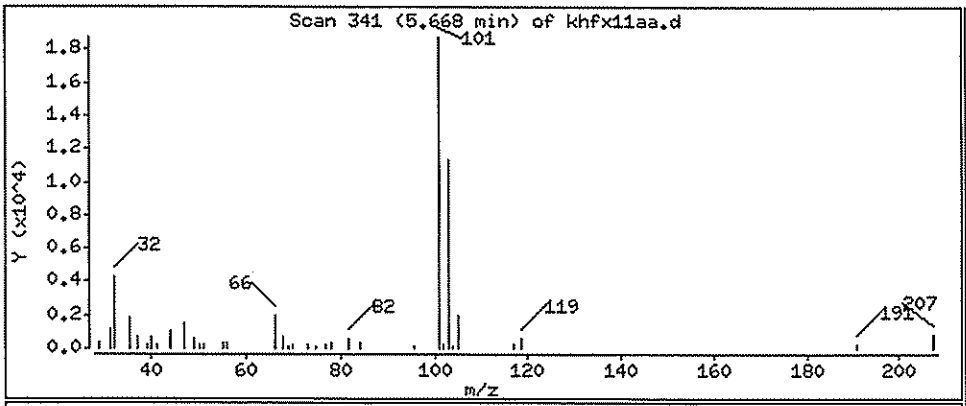
Operator: 3386

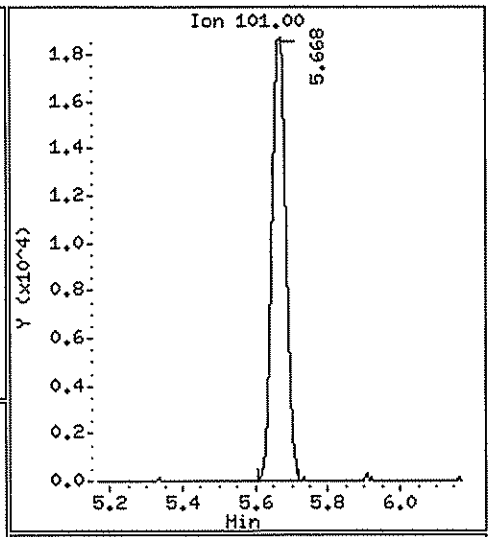
Column phase: RTX-5

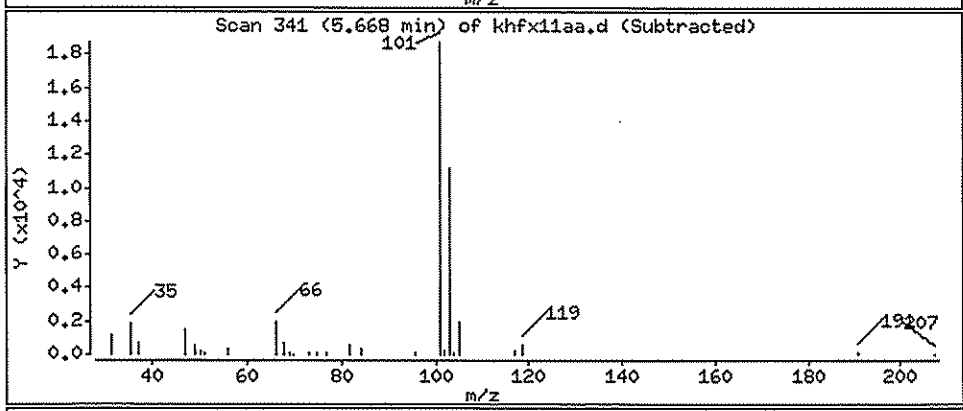
Column diameter: 0.32

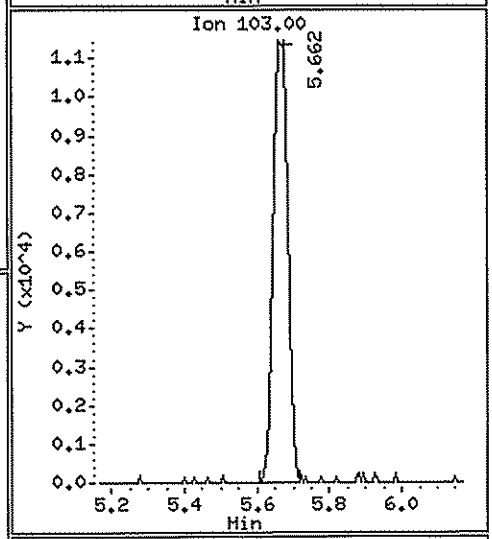
20 Trichlorofluoromethane

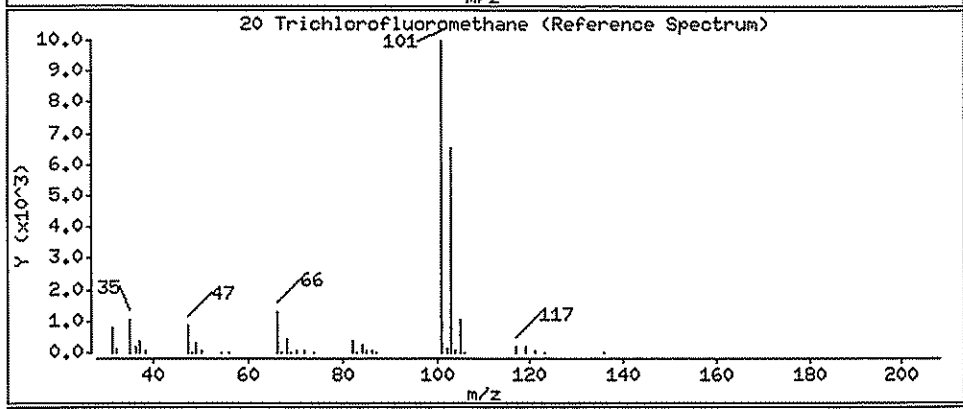
Concentration: 0.2366 ppb(v/v)

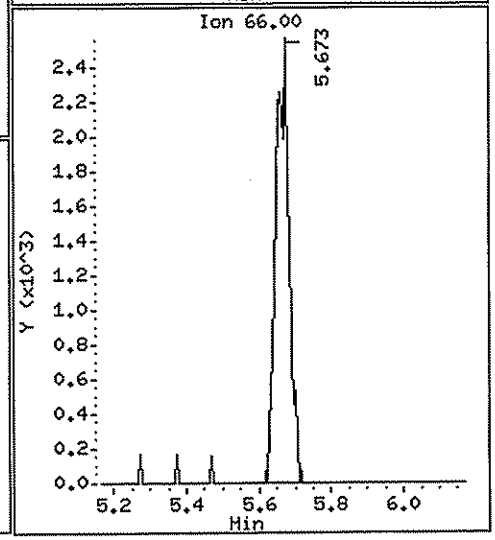


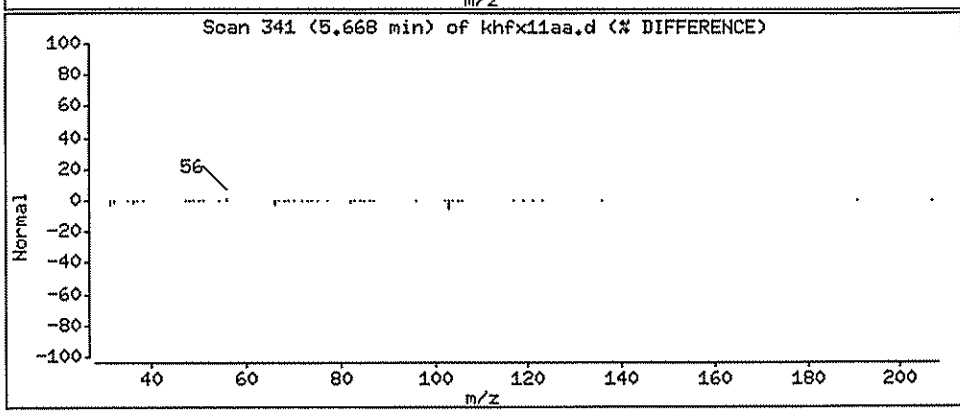












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

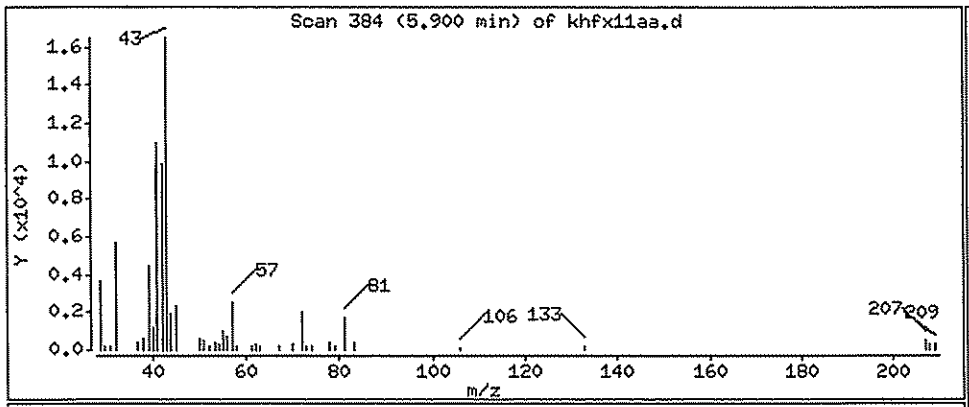
Operator: 3386

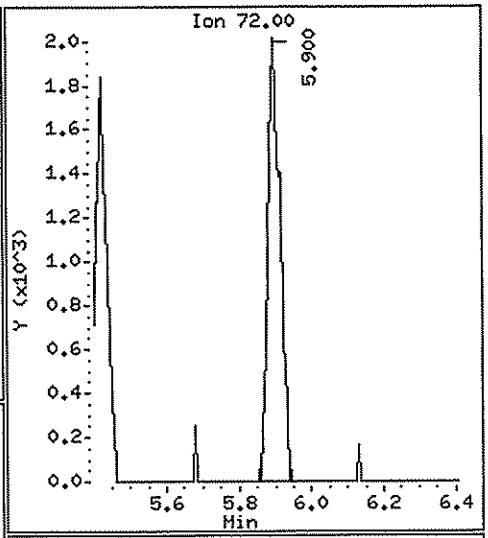
Column phase: RTX-5

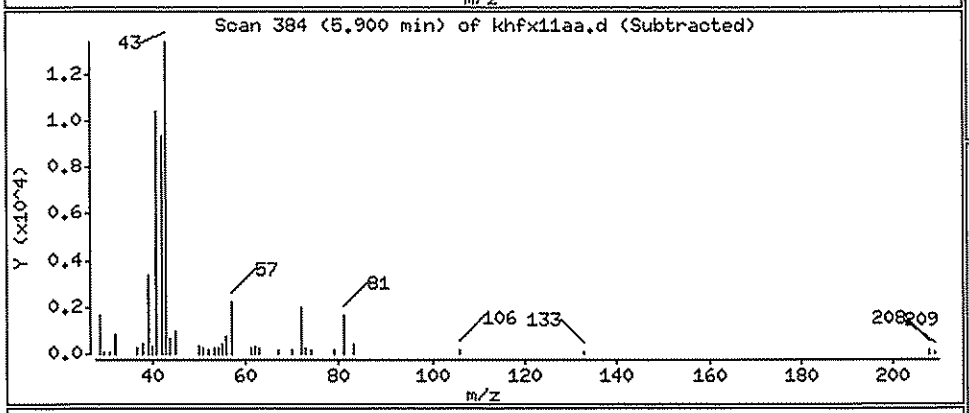
Column diameter: 0.32

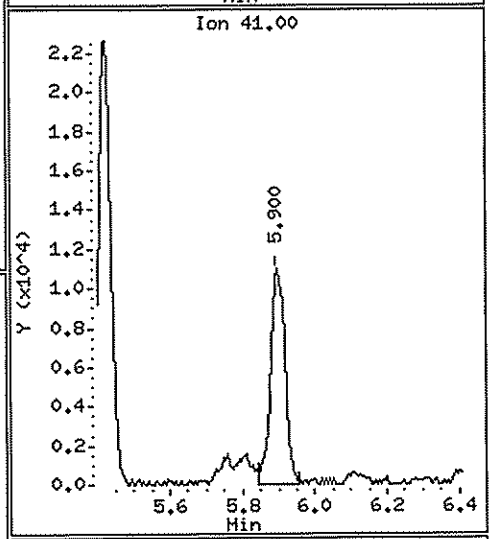
24 Pentane

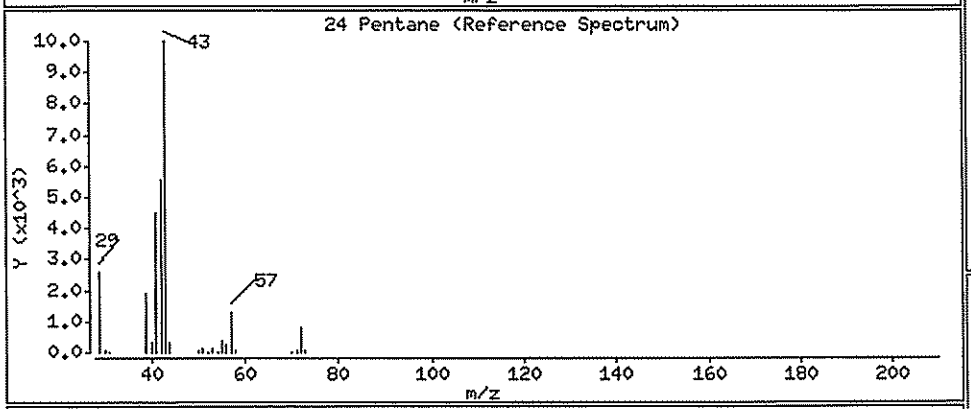
Concentration: 0.4082 ppb(v/v)

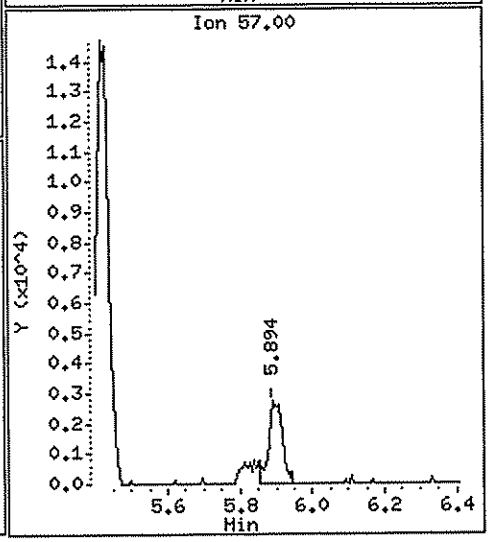


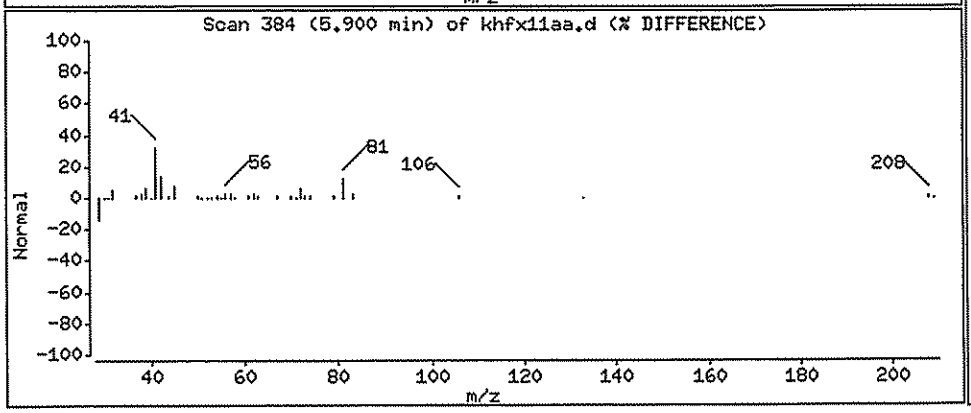












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

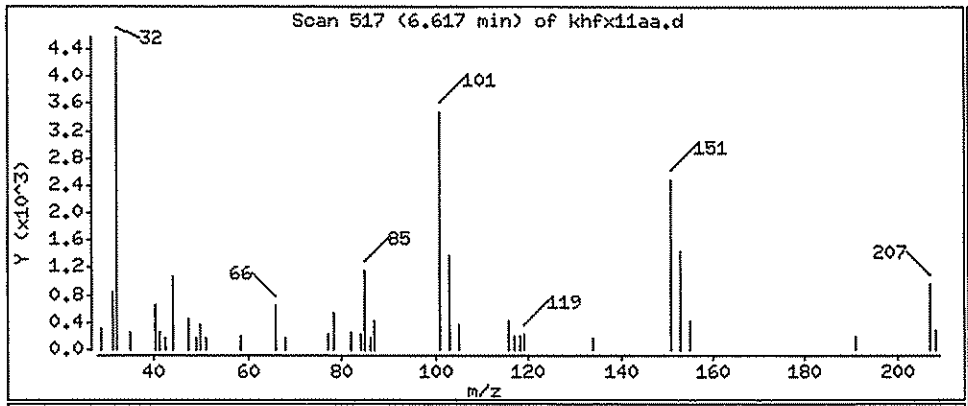
Operator: 3386

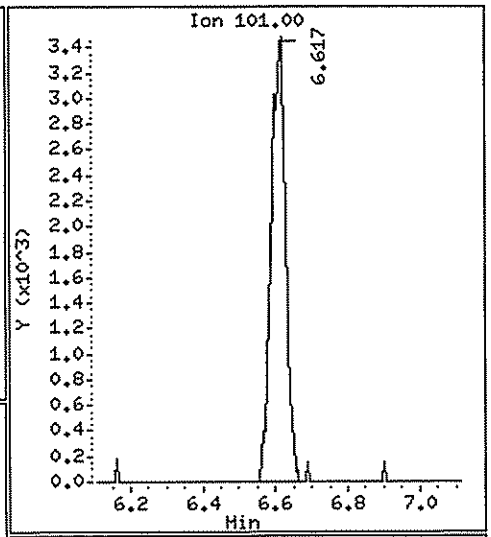
Column phase: RTX-5

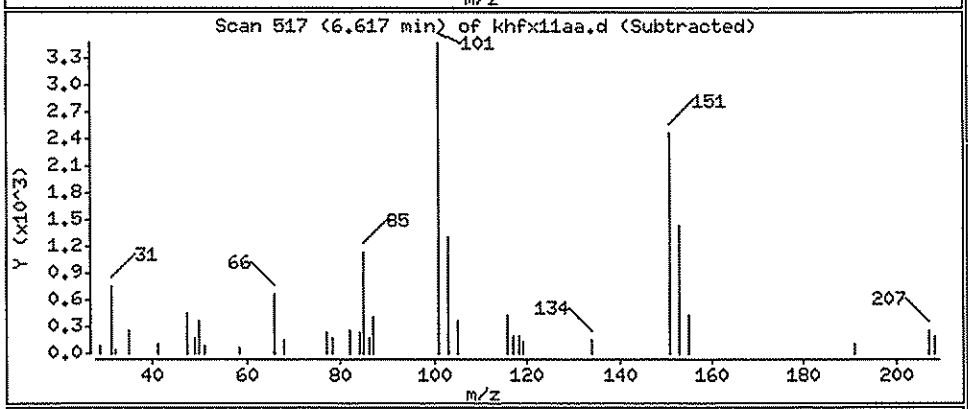
Column diameter: 0.32

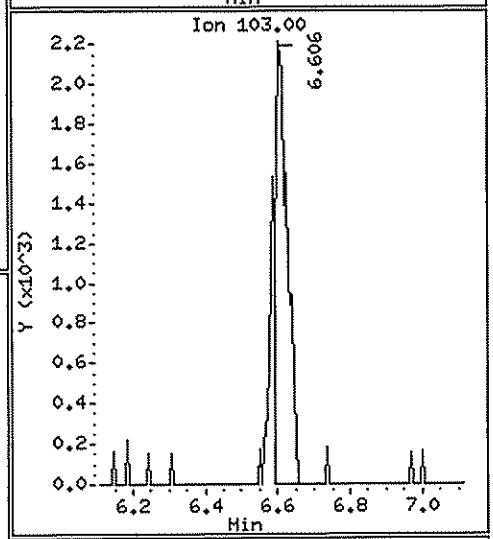
30 1,1,2-Trichlorotrifluoroethane

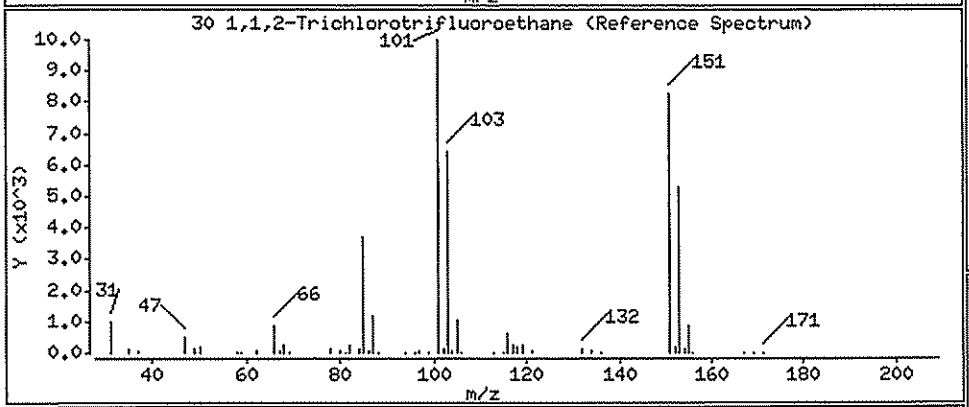
Concentration: 0.07417 ppb(v/v)

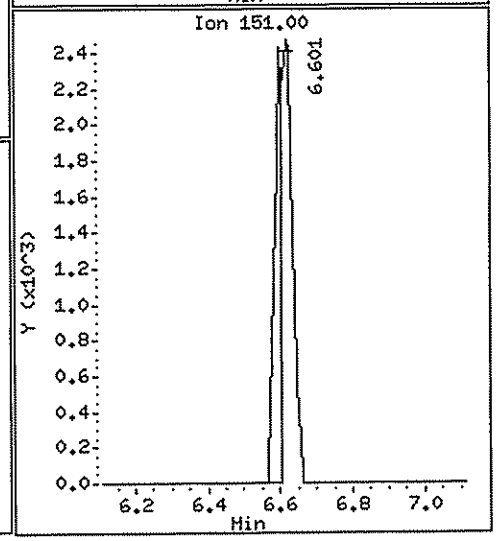


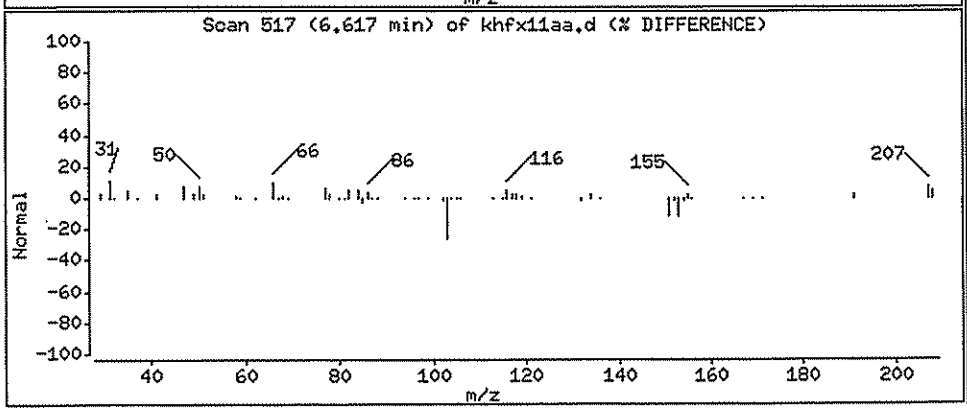












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

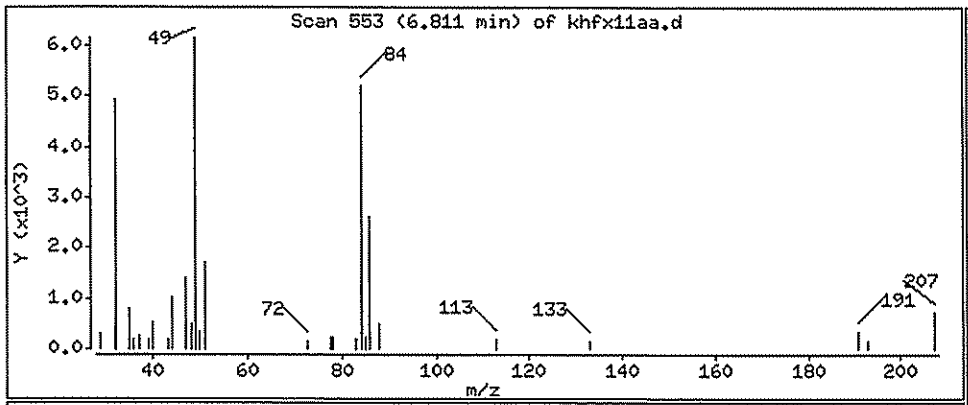
Operator: 3386

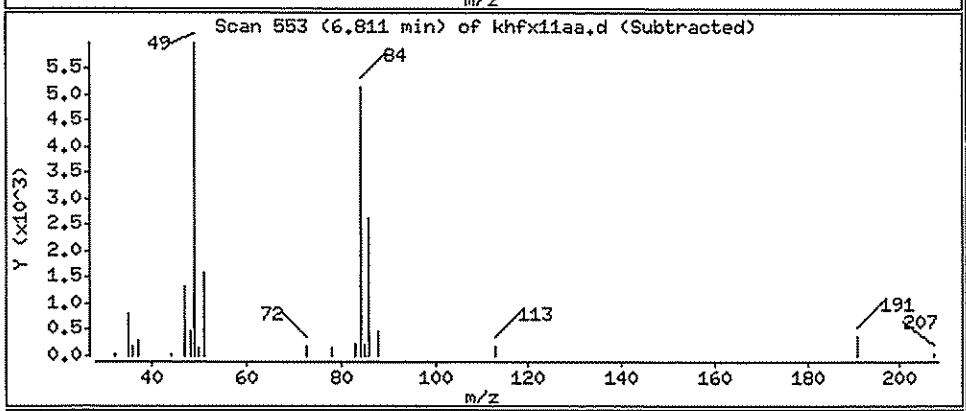
Column phase: RTX-5

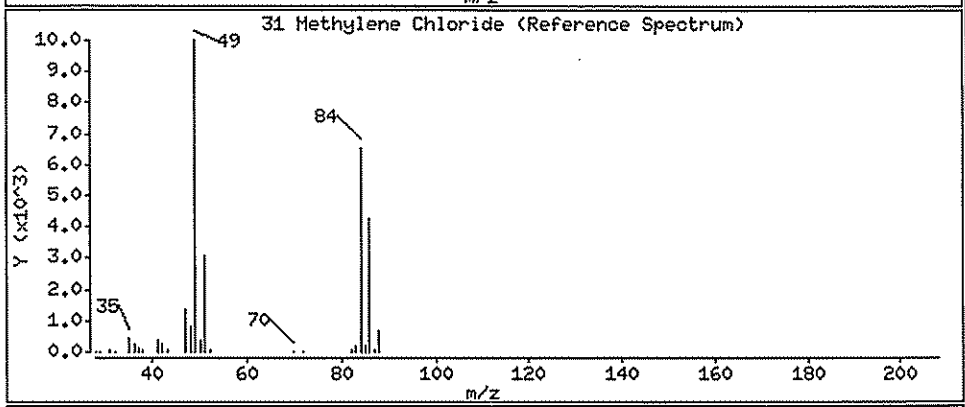
Column diameter: 0.32

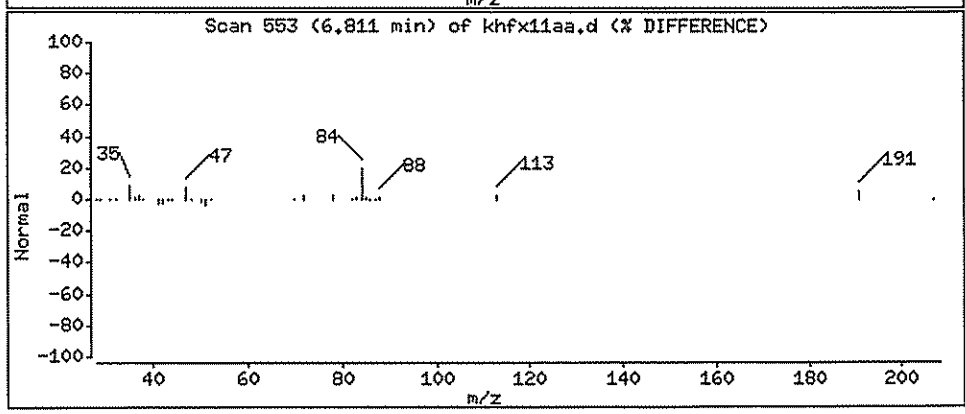
31 Methylene Chloride

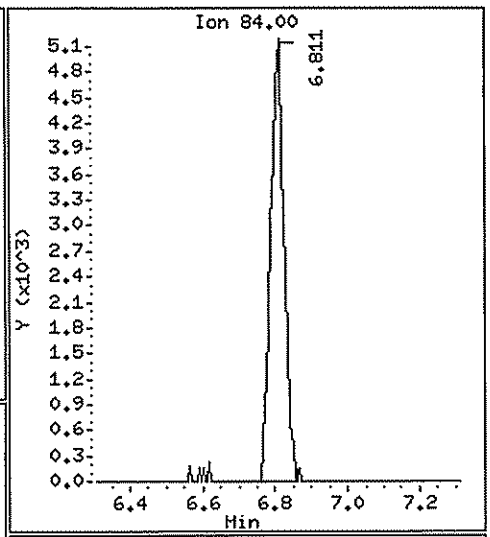
Concentration: 0.2353 ppb(v/v)

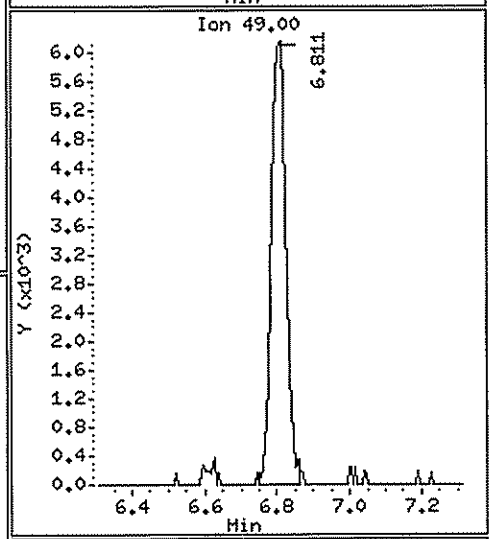


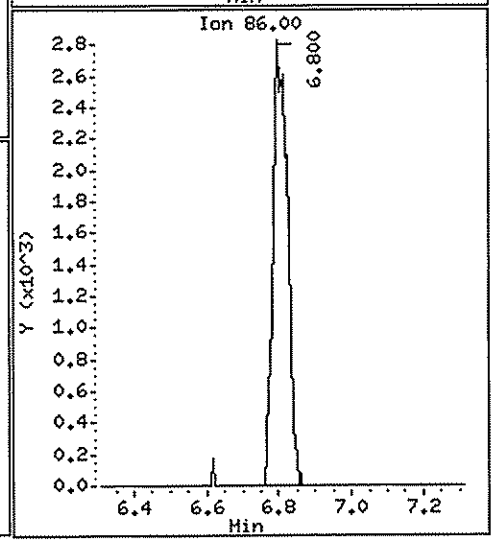












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

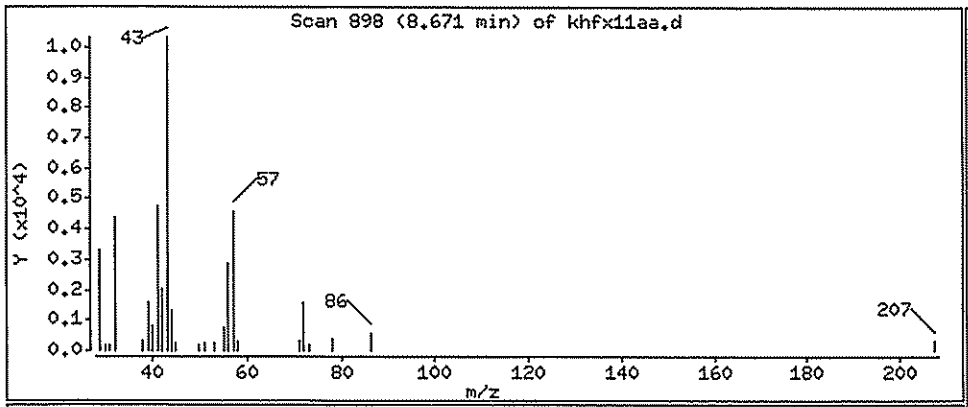
Operator: 3386

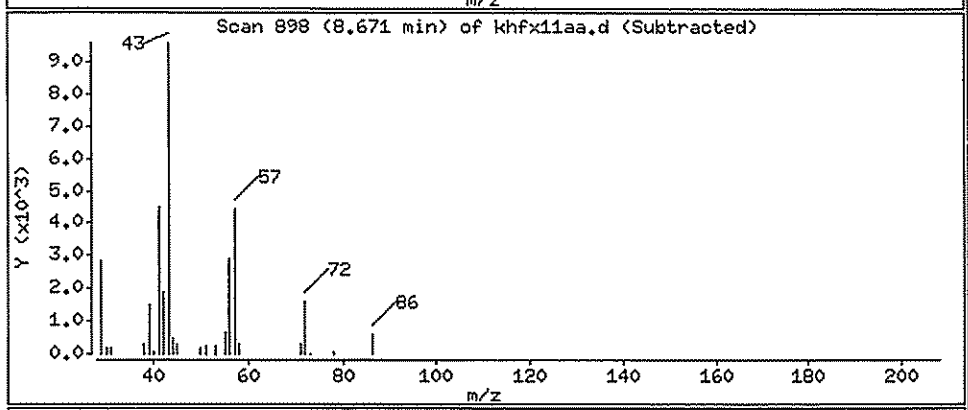
Column phase: RTX-5

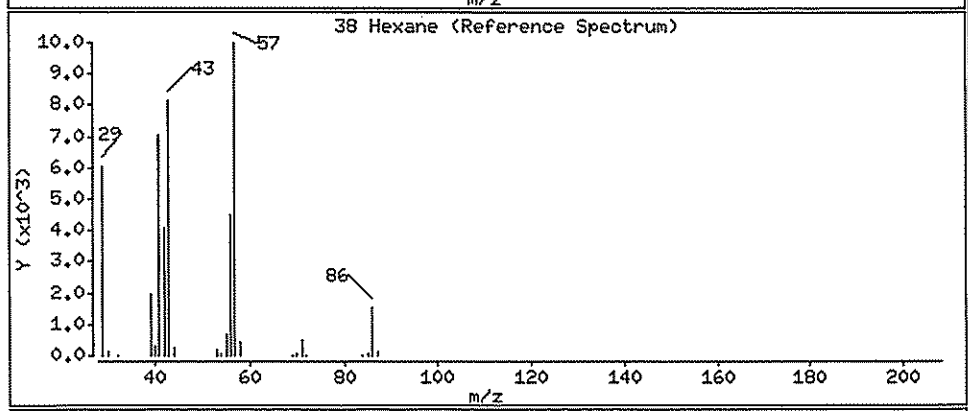
Column diameter: 0.32

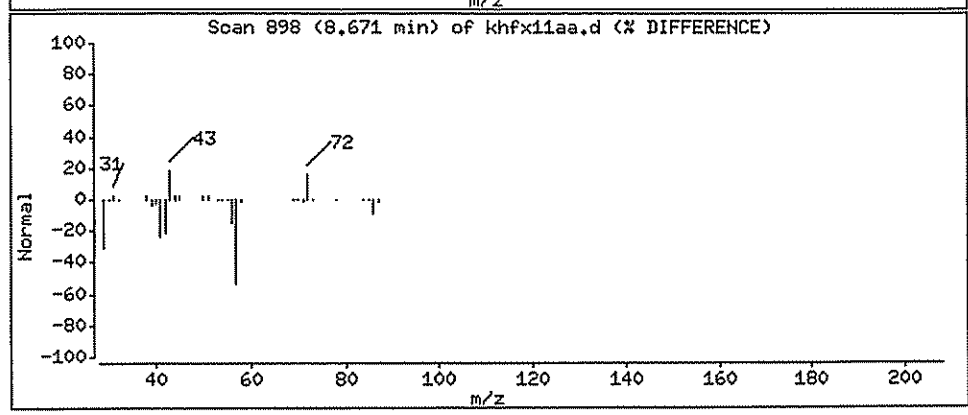
38 Hexane

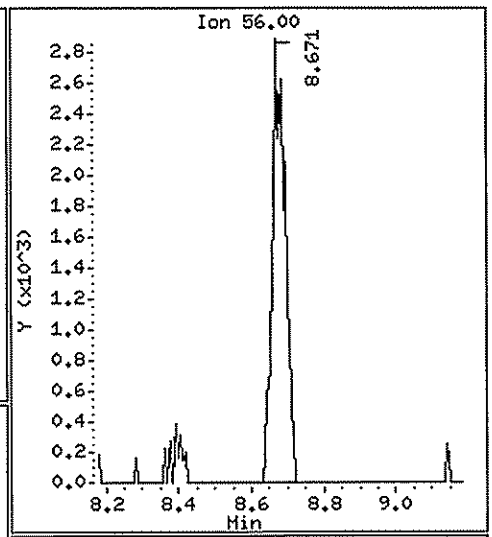
Concentration: 0.1362 ppb(v/v)

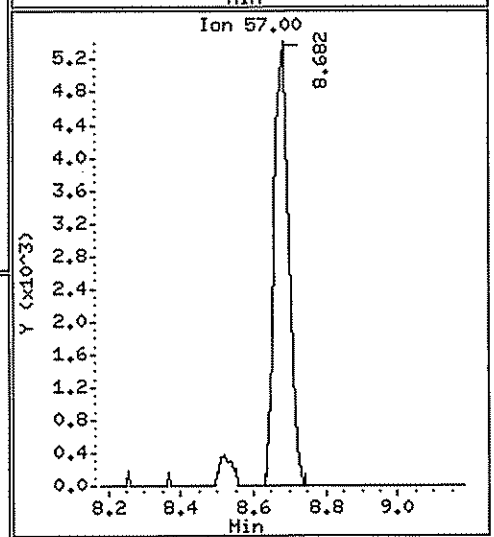


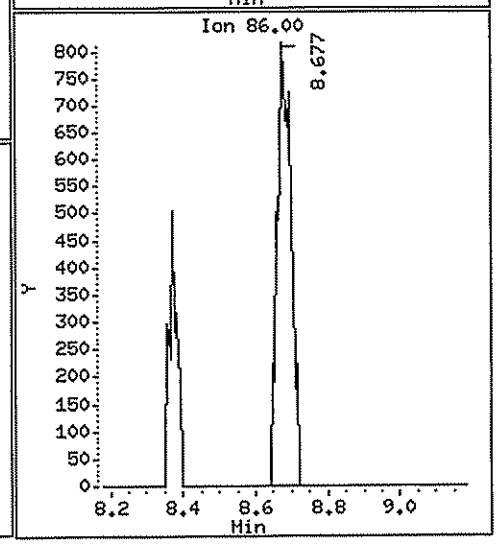












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

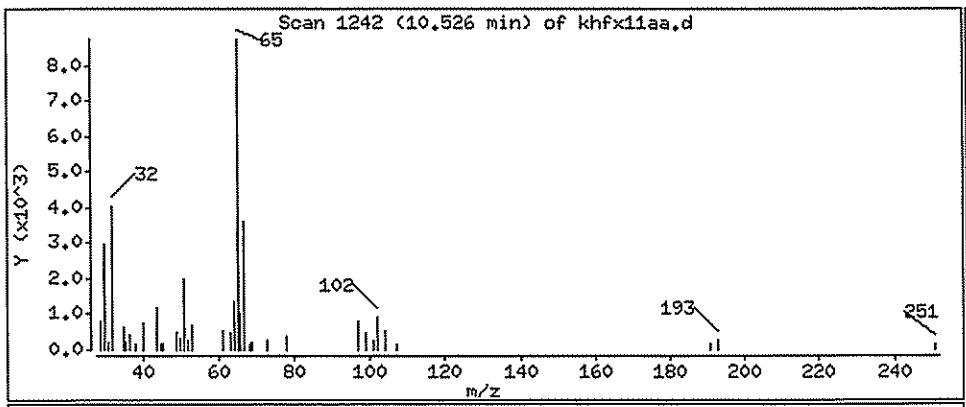
Operator: 3386

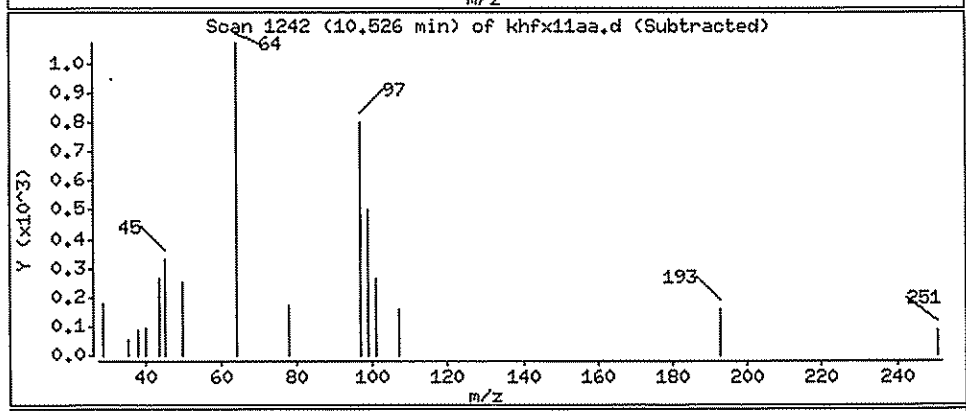
Column phase: RTX-5

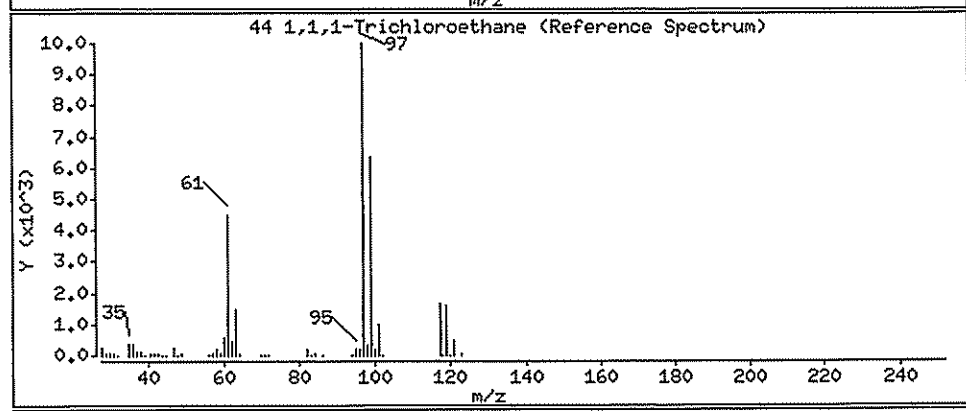
Column diameter: 0.32

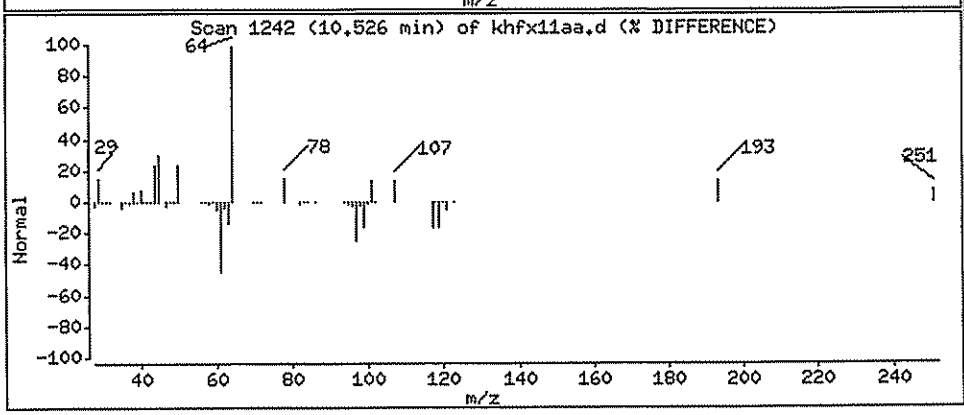
44 1,1,1-Trichloroethane

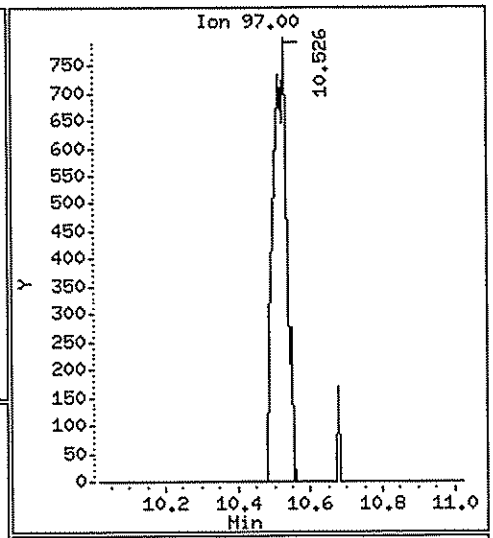
Concentration: 0.01338 ppb(v/v)

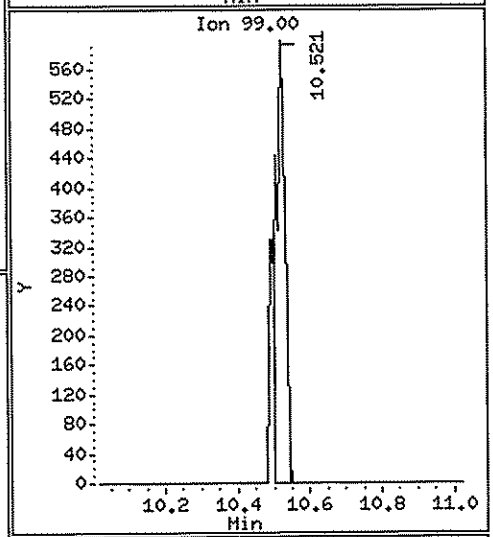


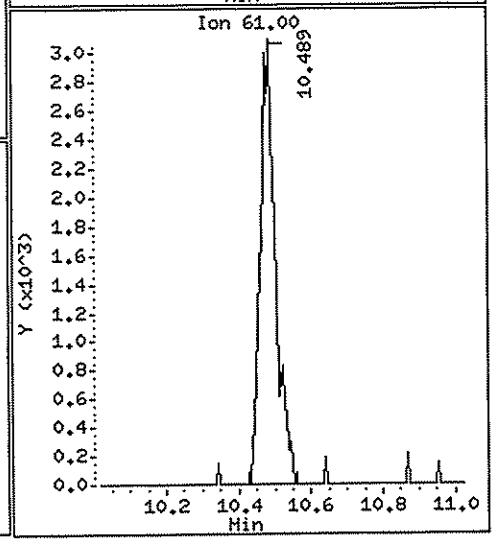












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

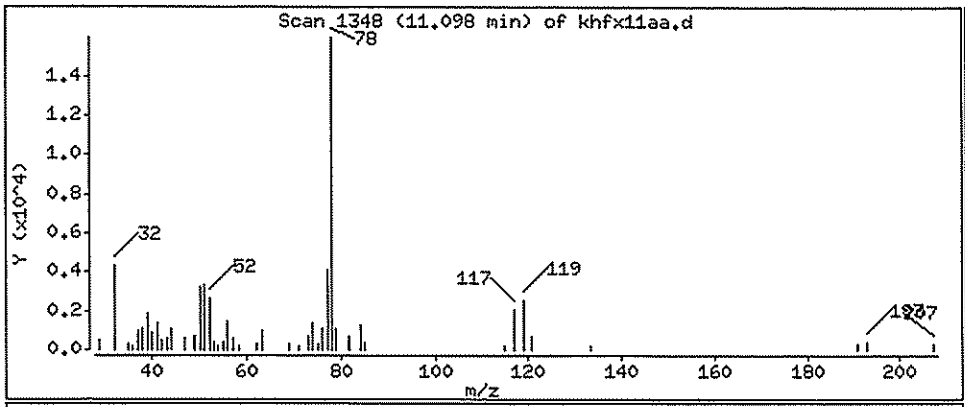
Operator: 3386

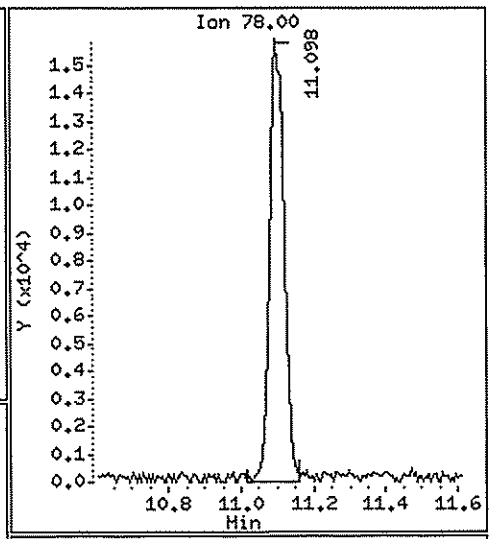
Column phase: RTX-5

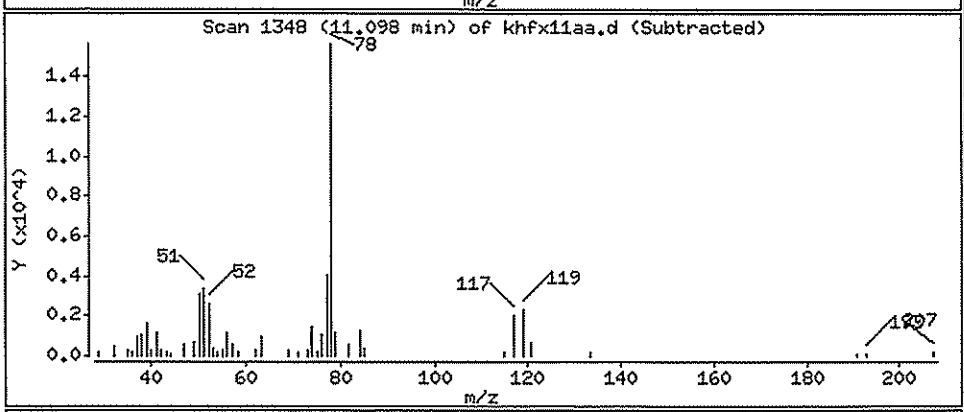
Column diameter: 0.32

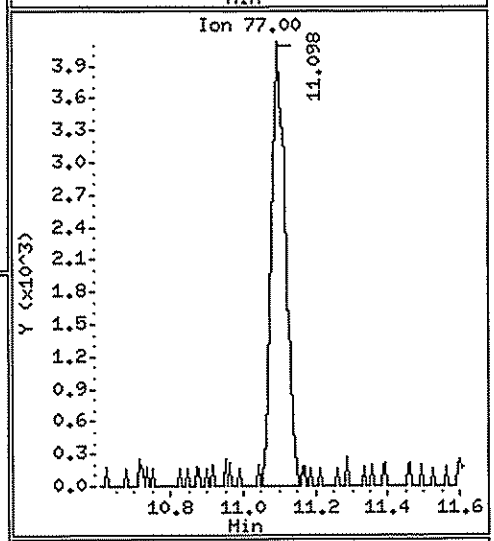
47 Benzene

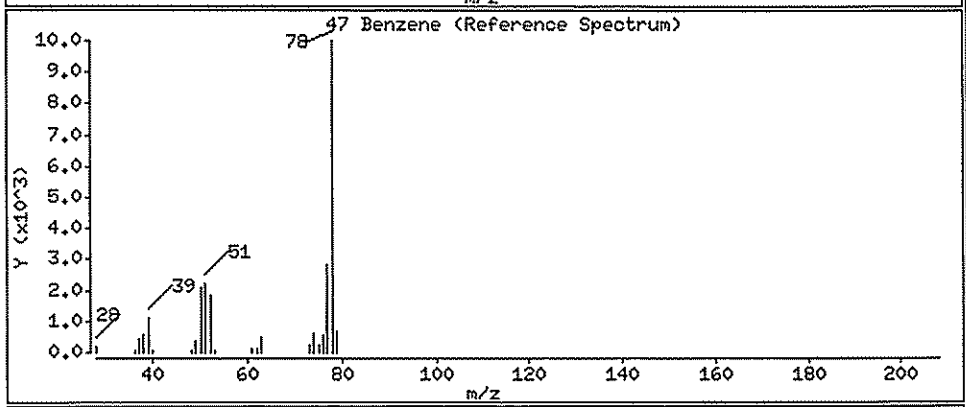
Concentration: 0.2127 ppb(v/v)

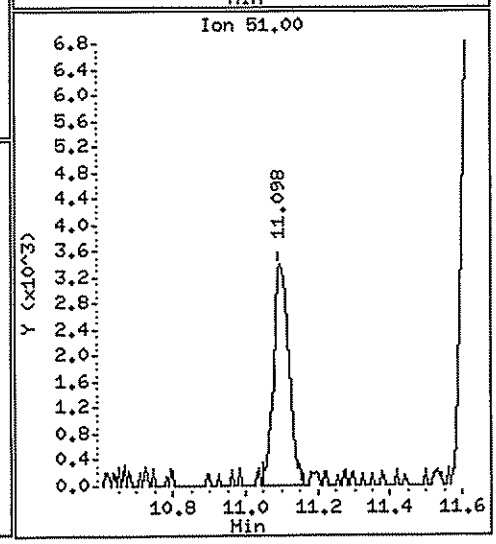


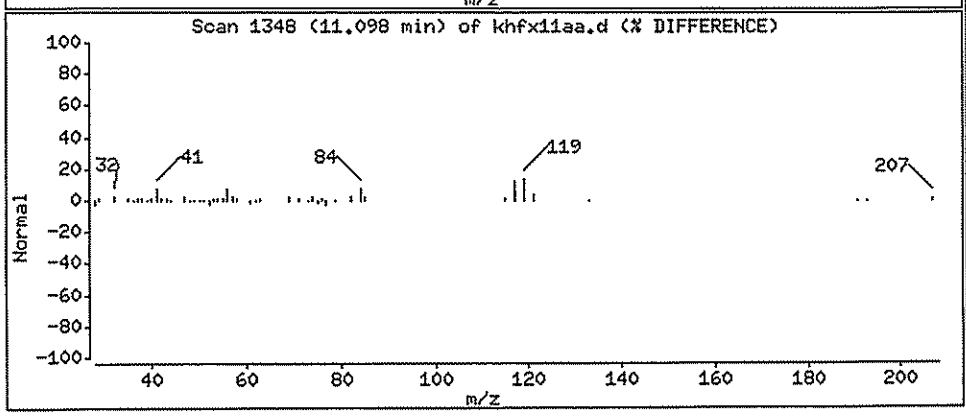












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

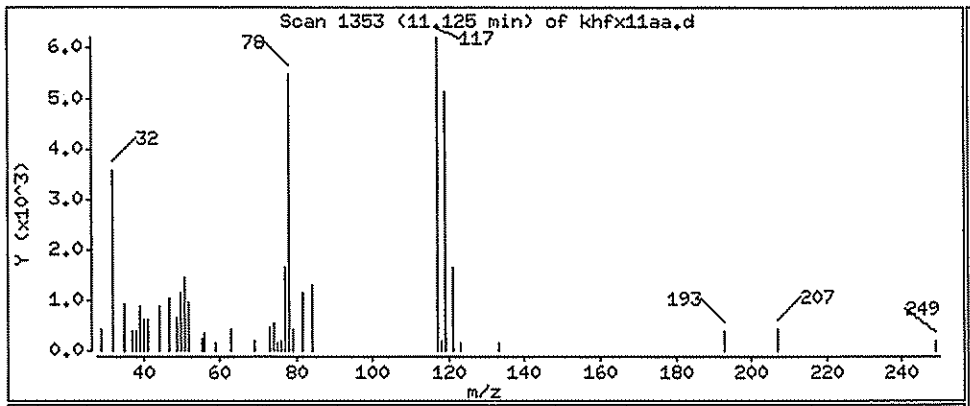
Operator: 3386

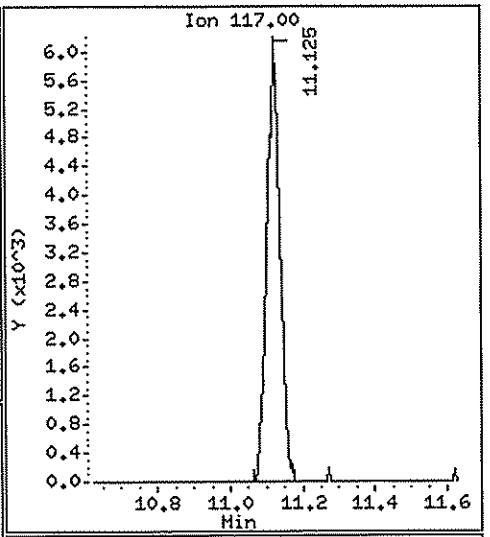
Column phase: RTX-5

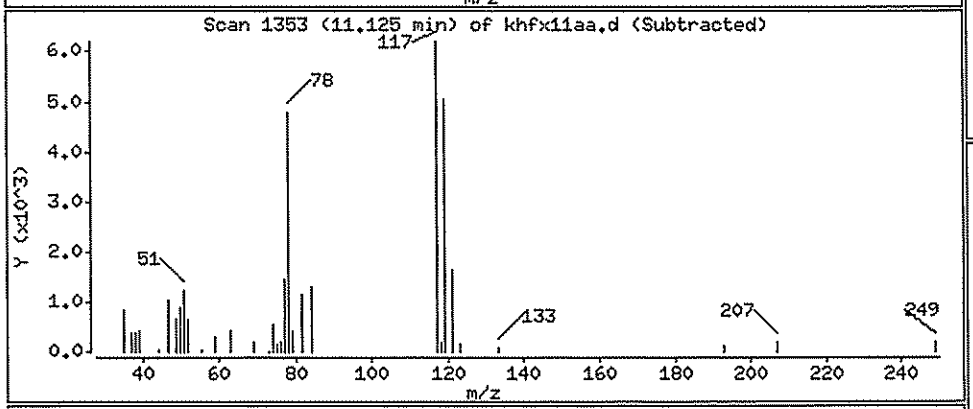
Column diameter: 0.32

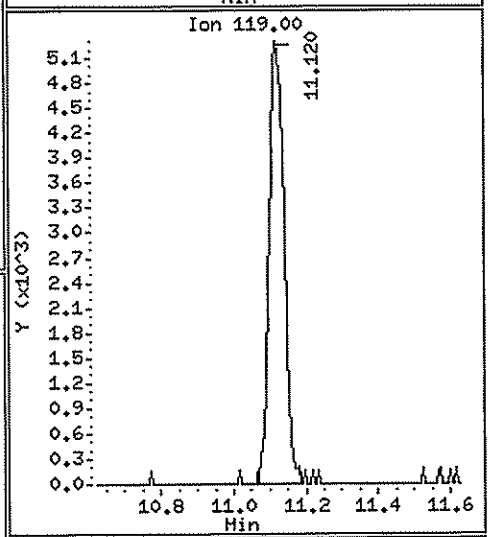
49 Carbon Tetrachloride

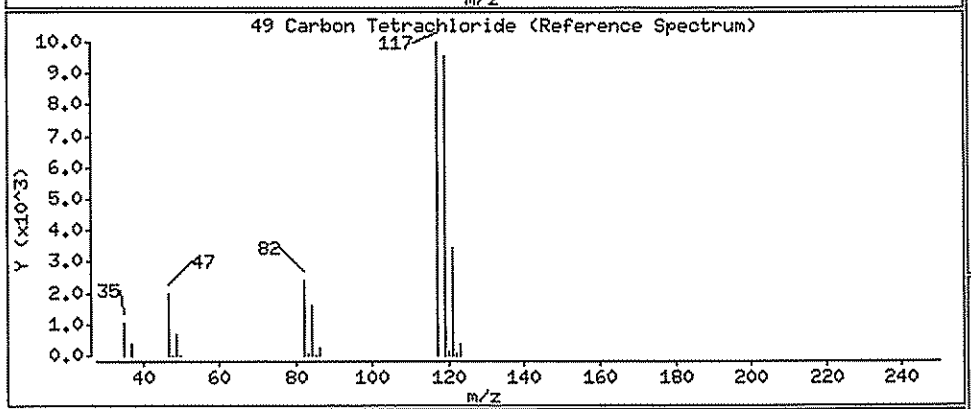
Concentration: 0.08196 ppb(v/v)

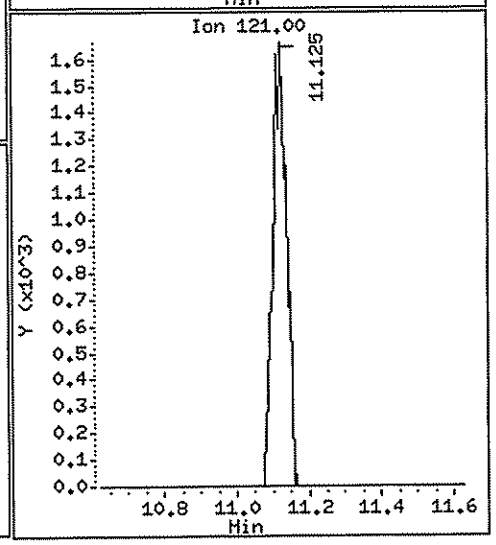


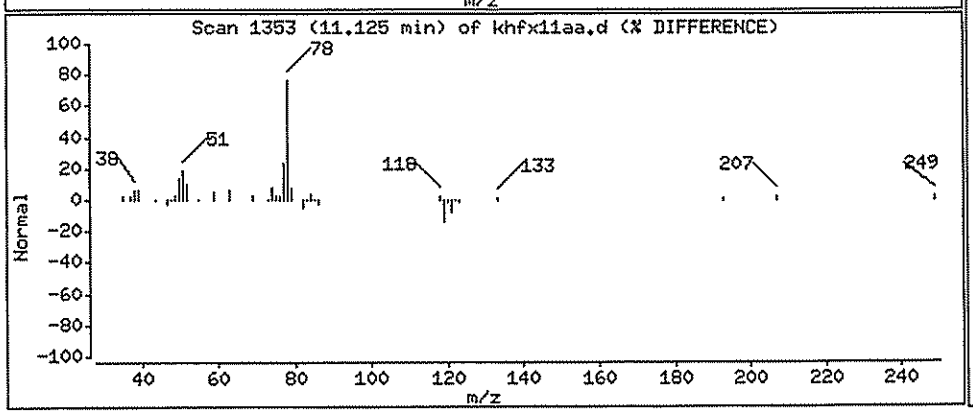












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

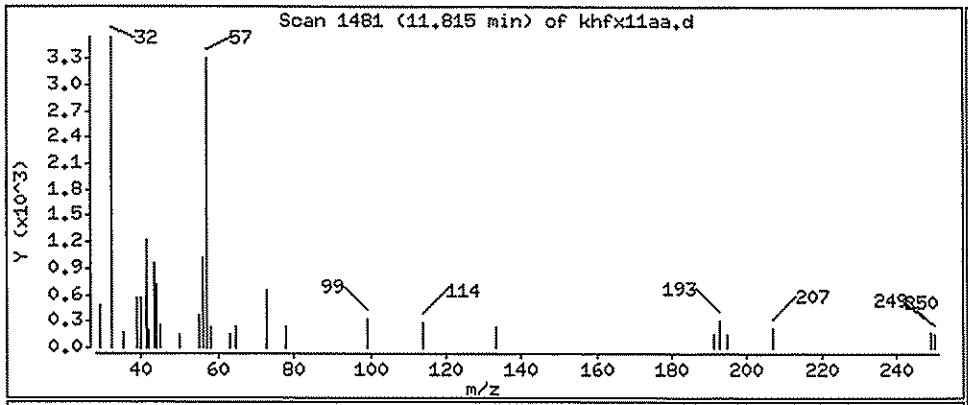
Operator: 3386

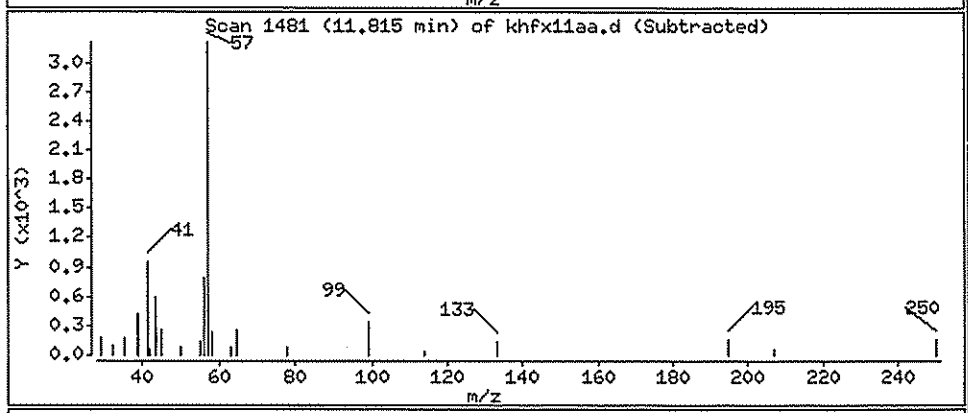
Column phase: RTX-5

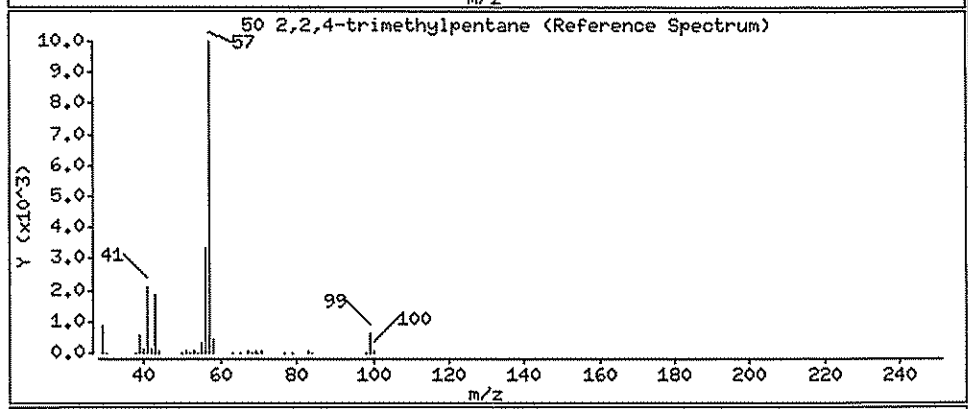
Column diameter: 0.32

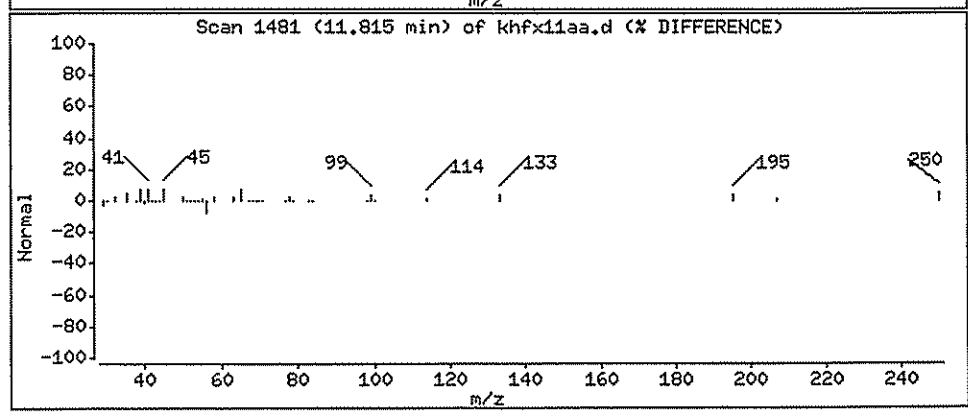
50 2,2,4-trimethylpentane

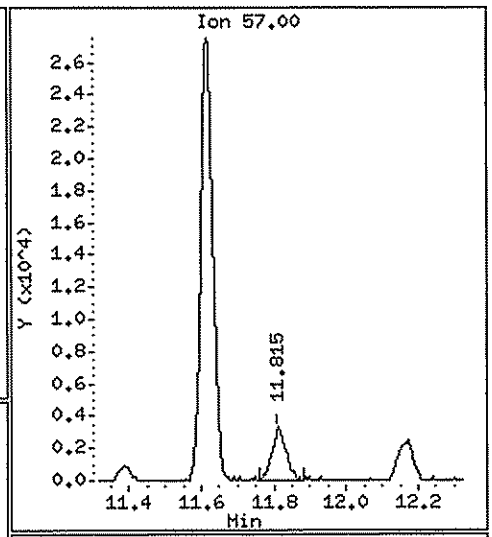
Concentration: 0.02706 ppb(v/v)

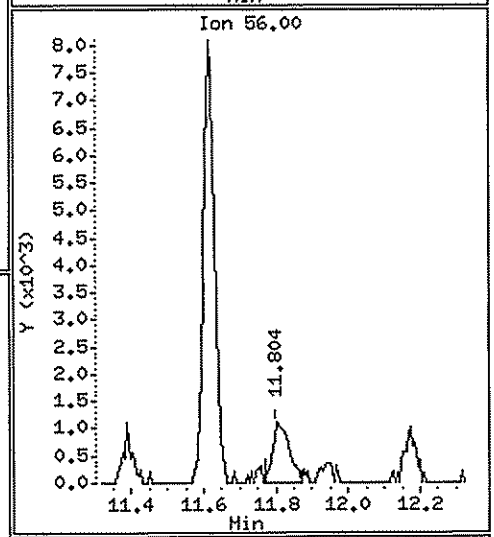


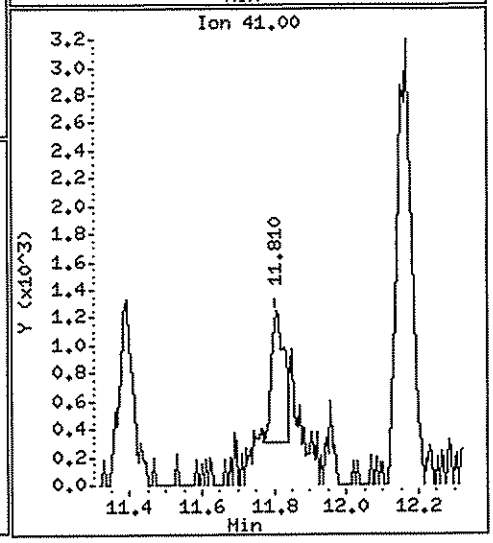












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

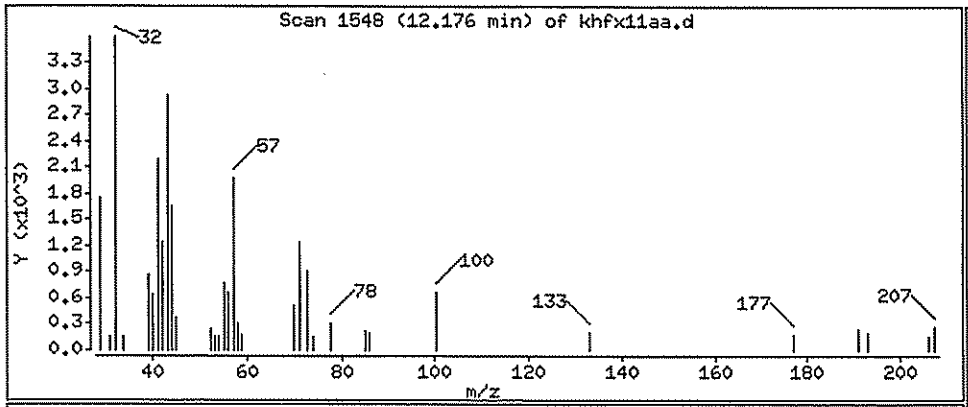
Operator: 3386

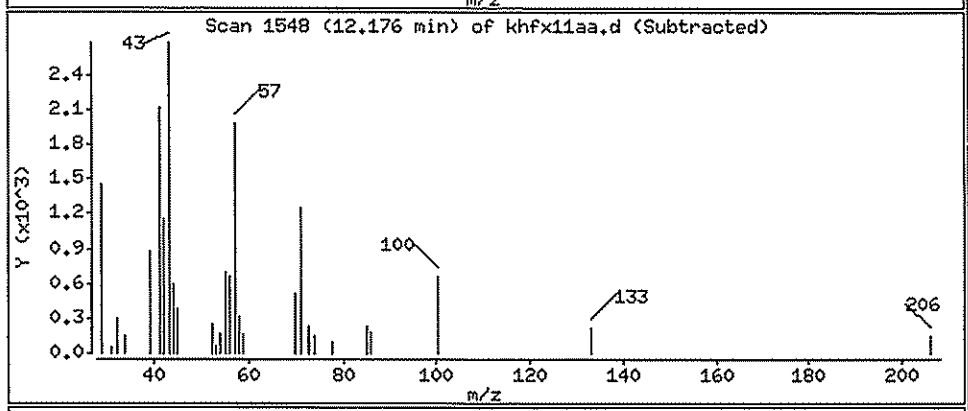
Column phase: RTX-5

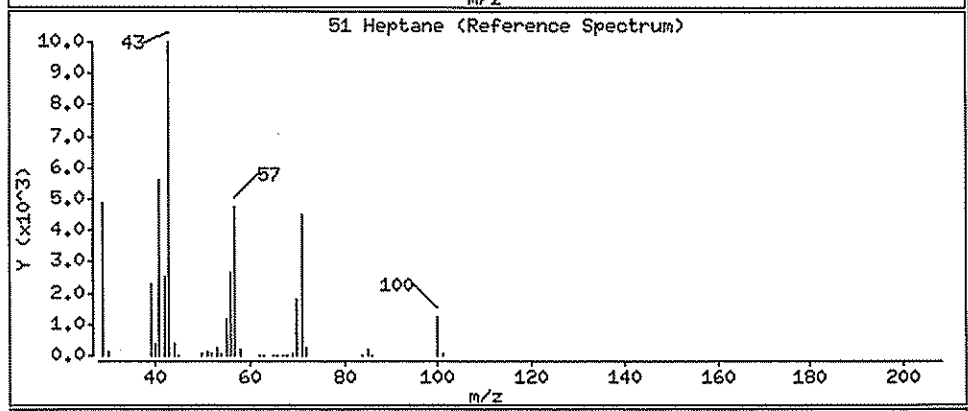
Column diameter: 0.32

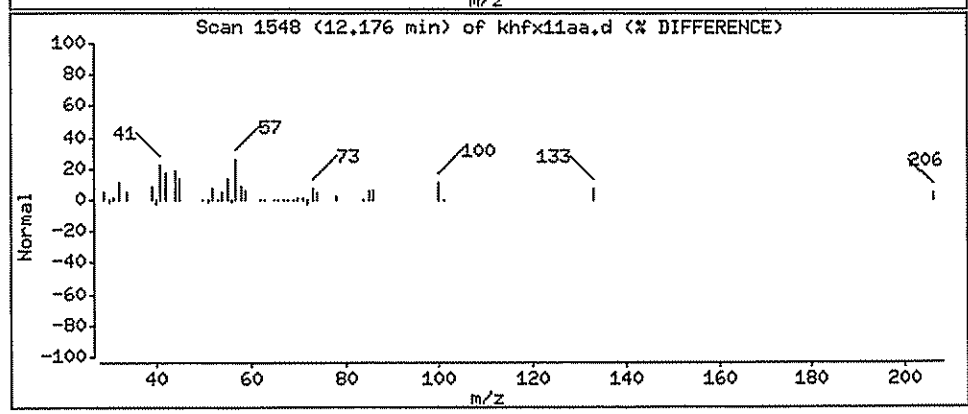
51 Heptane

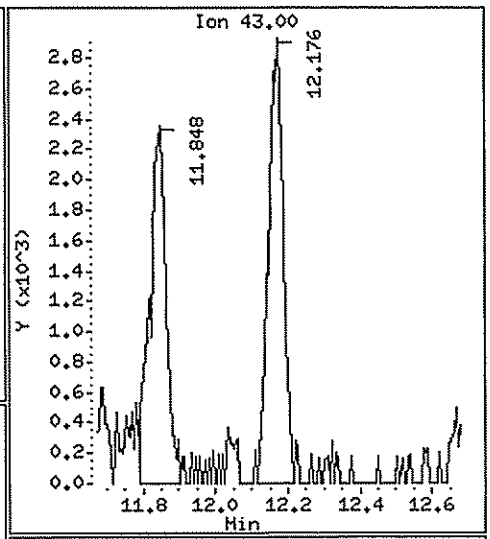
Concentration: 0.06257 ppb(v/v)

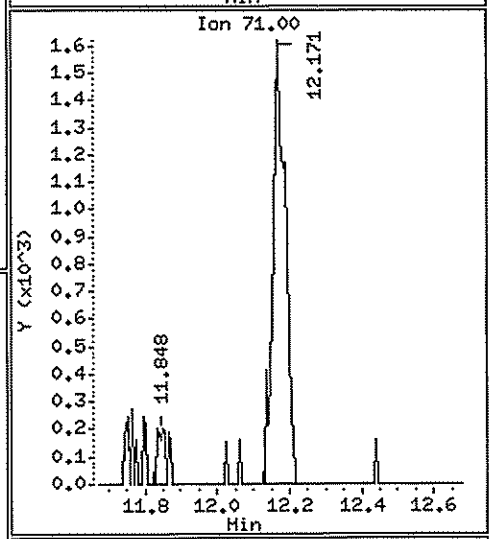


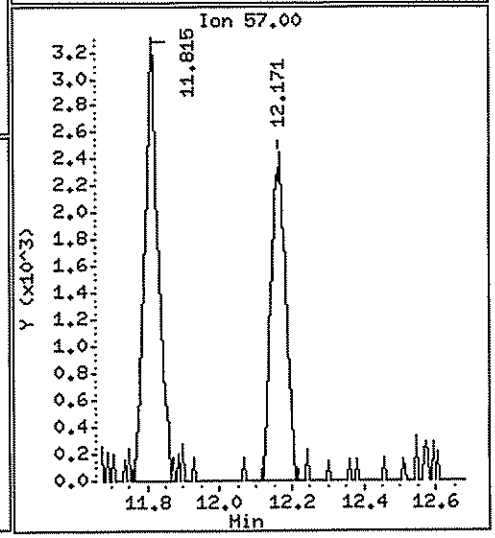












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

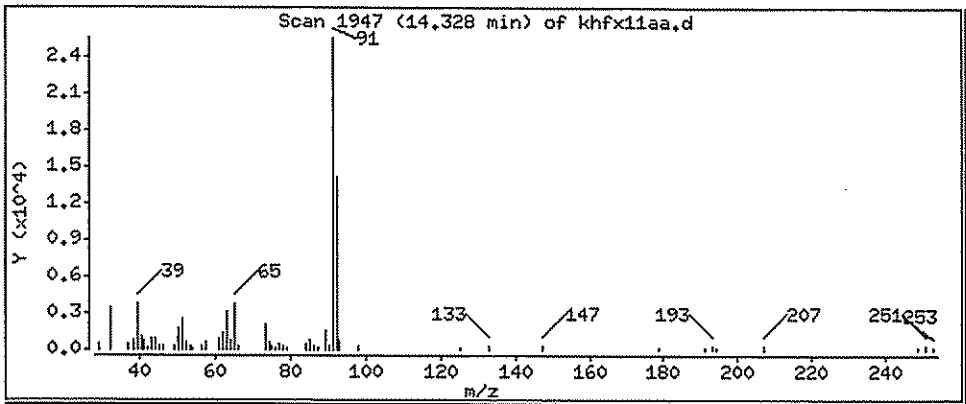
Operator: 3386

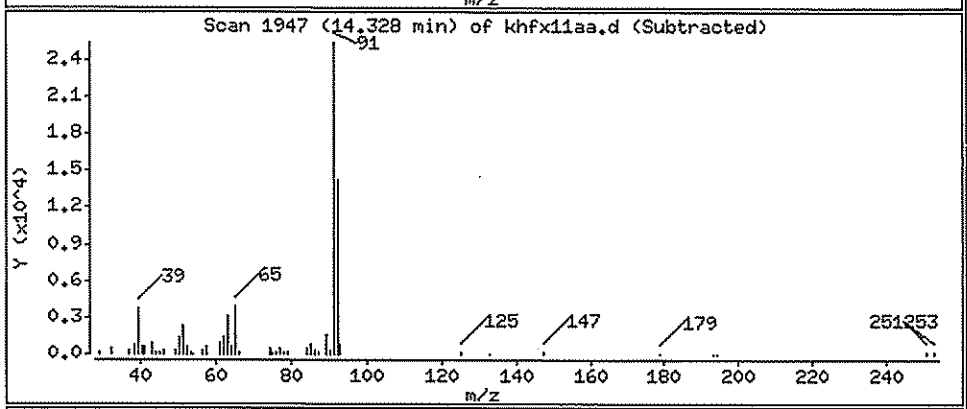
Column phase: RTX-5

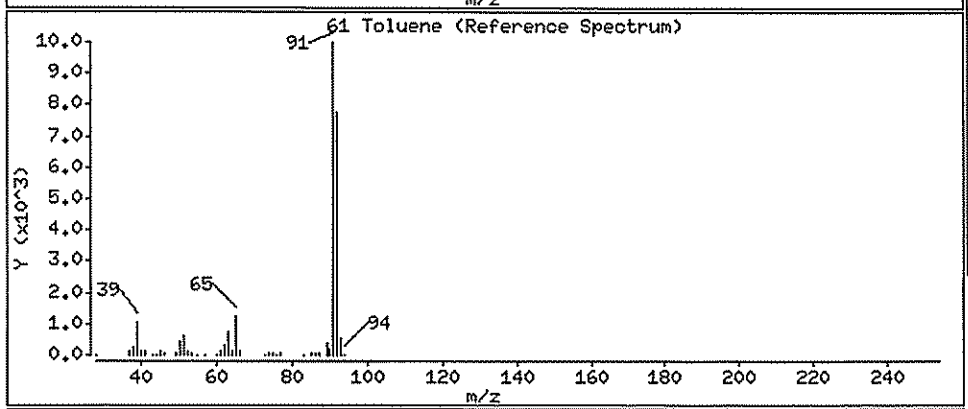
Column diameter: 0.32

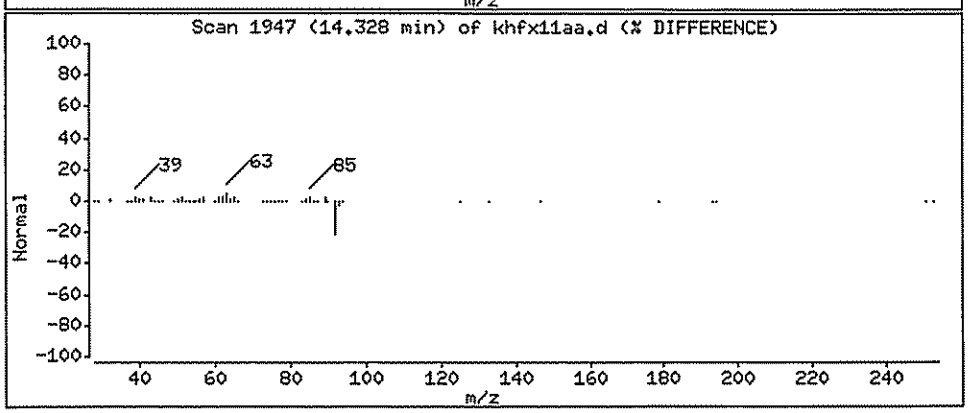
61 Toluene

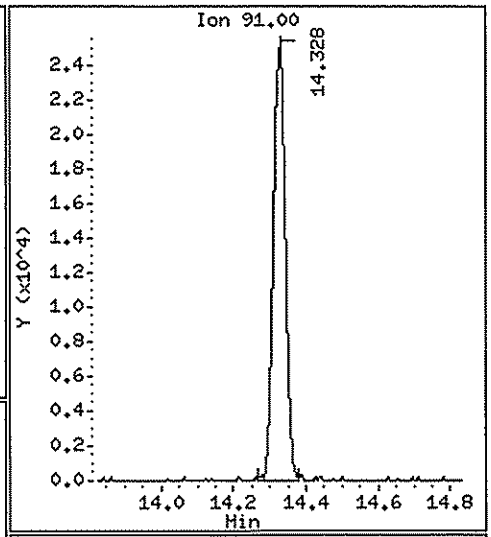
Concentration: 0.1482 ppb(v/v)

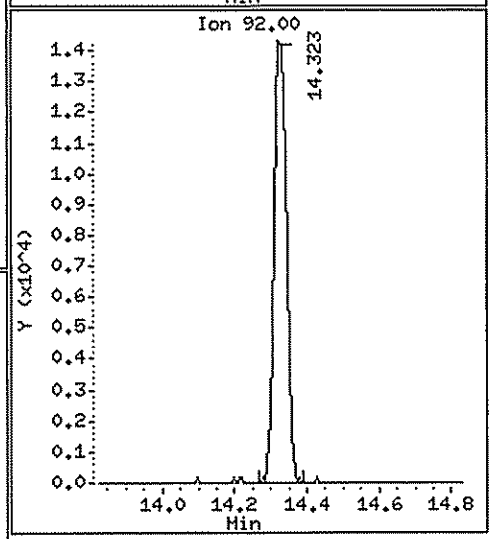












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

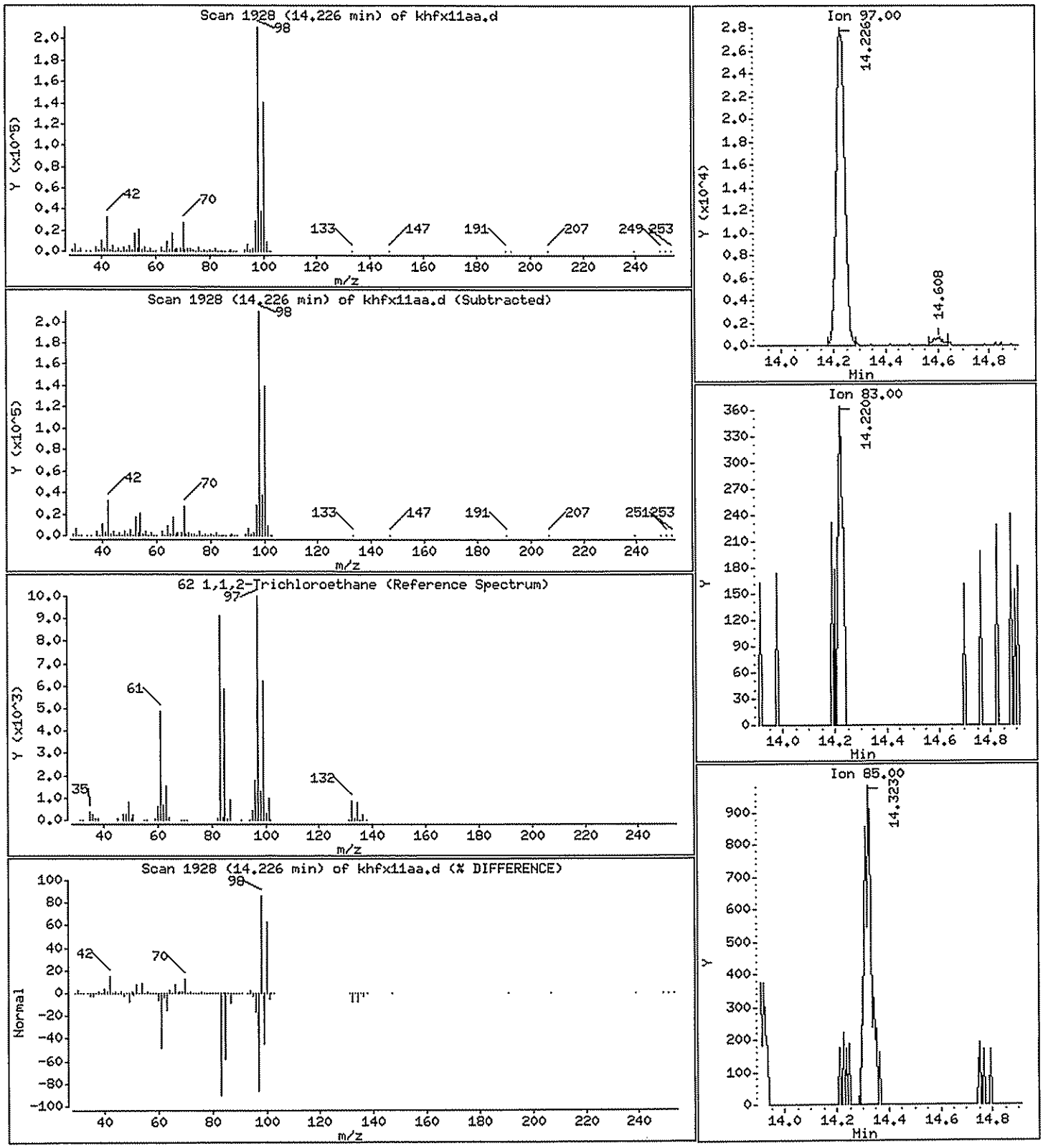
Operator: 3386

Column phase: RTX-5

Column diameter: 0.32

62 1,1,2-Trichloroethane

Concentration: 0.9962 ppb(v/v)



Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

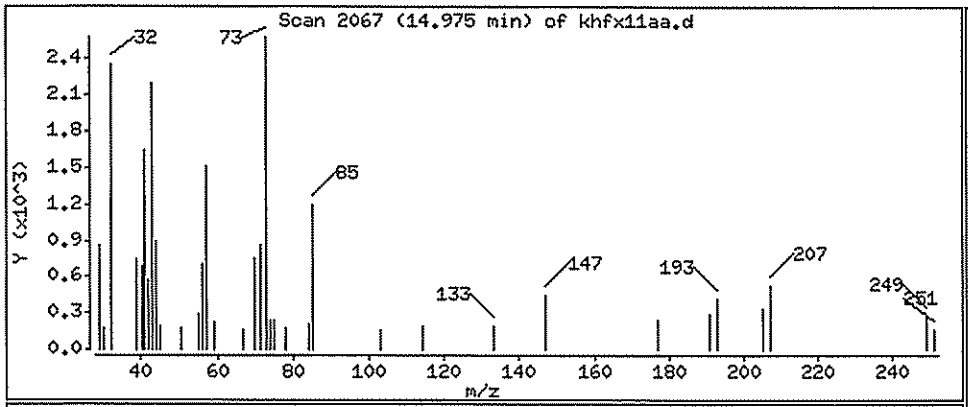
Operator: 3386

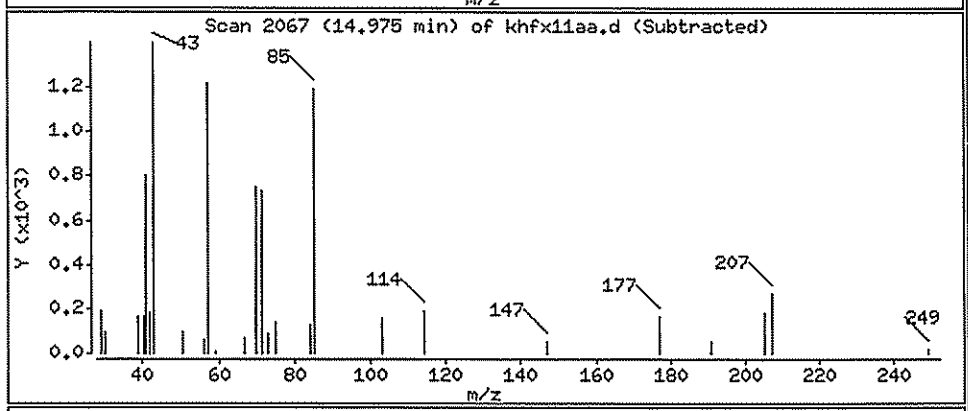
Column phase: RTX-5

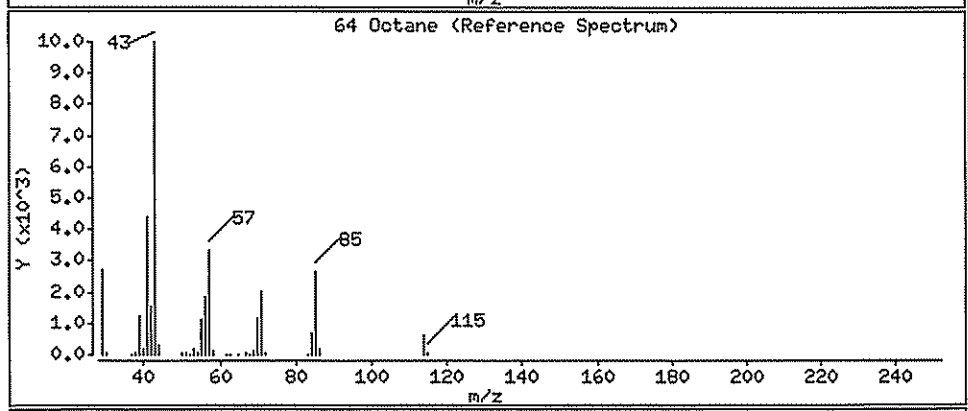
Column diameter: 0.32

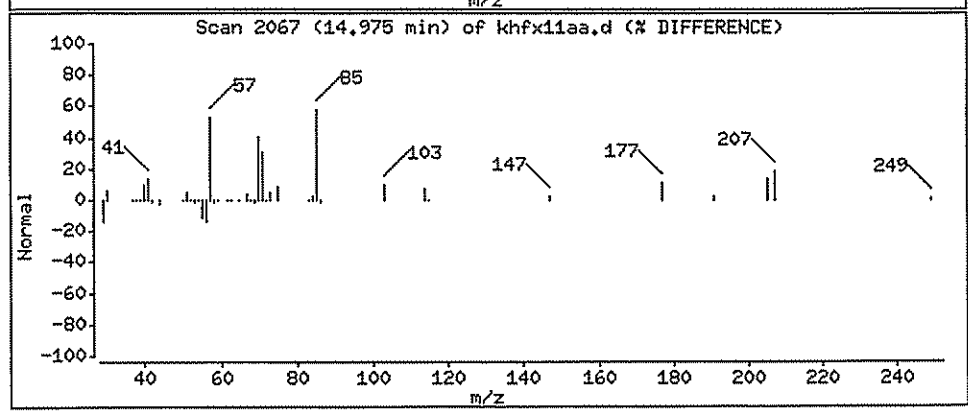
64 Octane

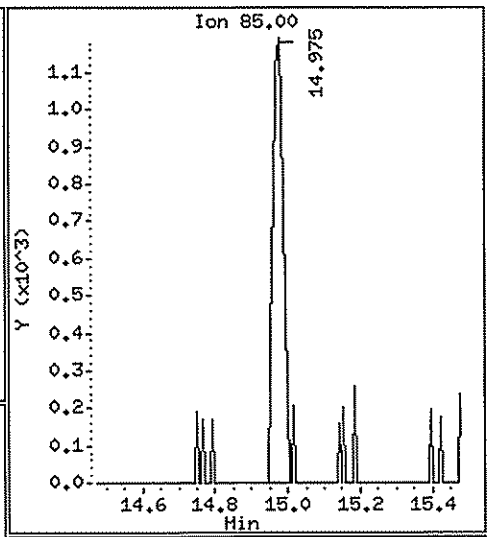
Concentration: 0.02598 ppb(v/v)

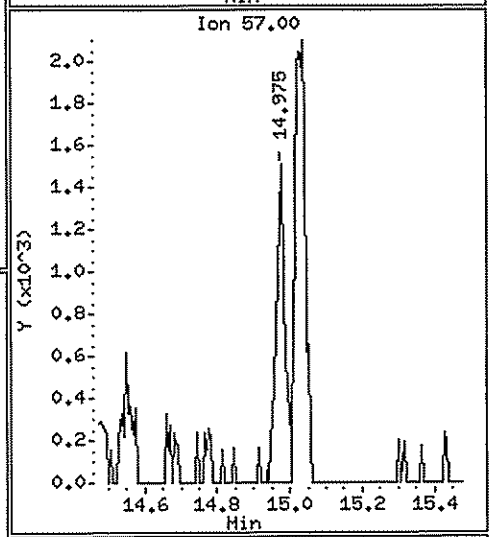


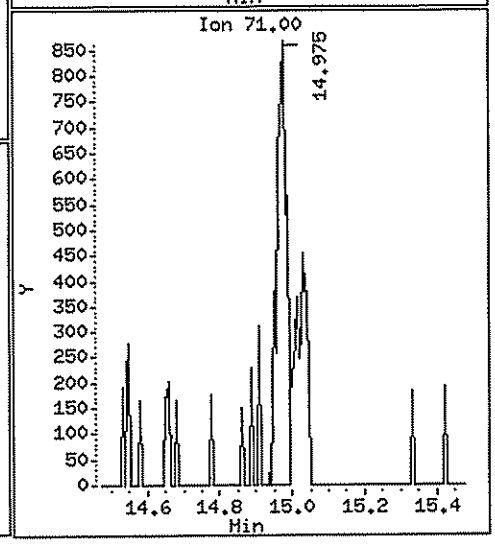












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

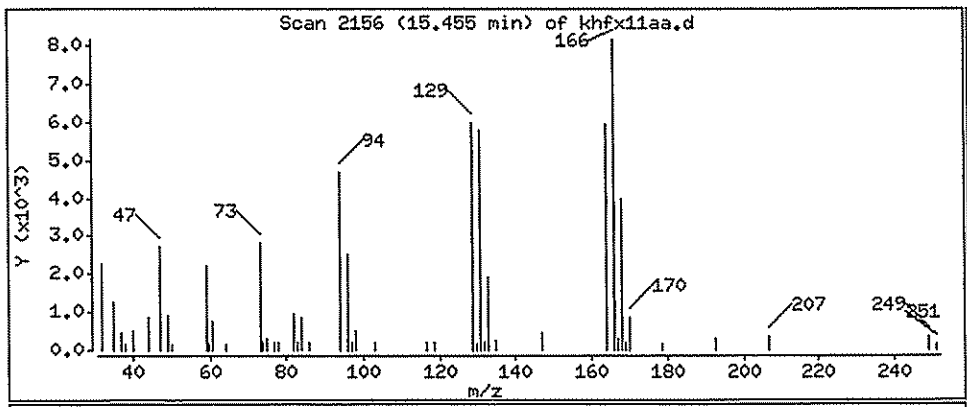
Operator: 3386

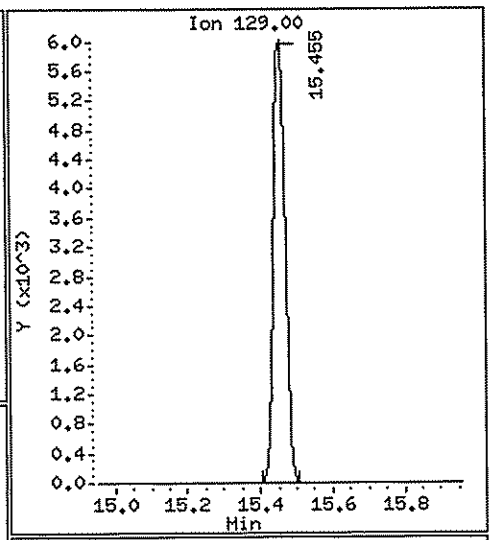
Column phase: RTX-5

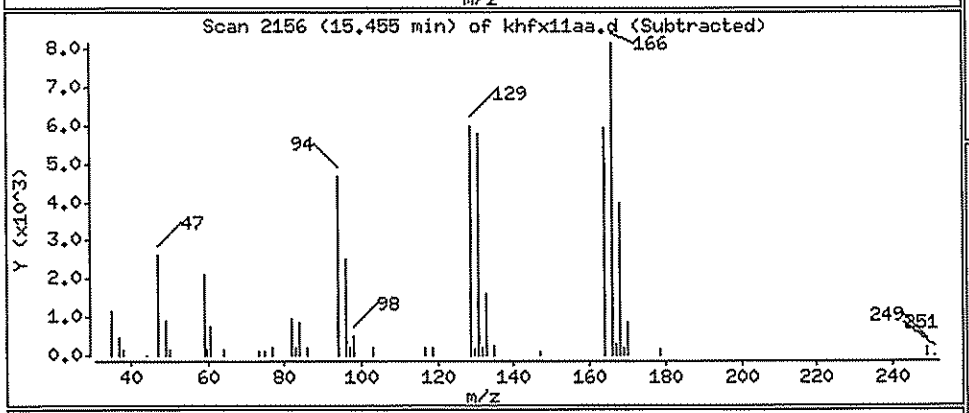
Column diameter: 0.32

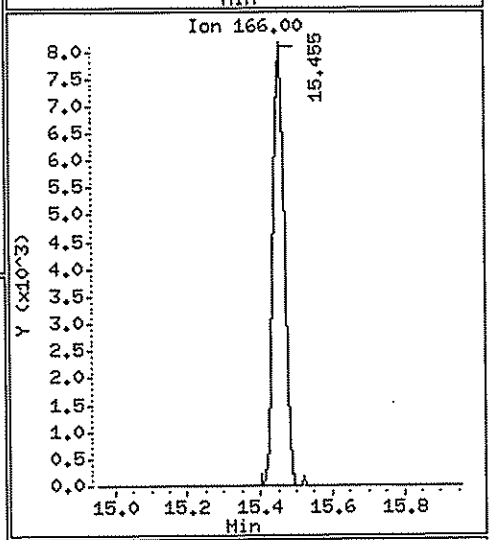
67 Tetrachloroethene

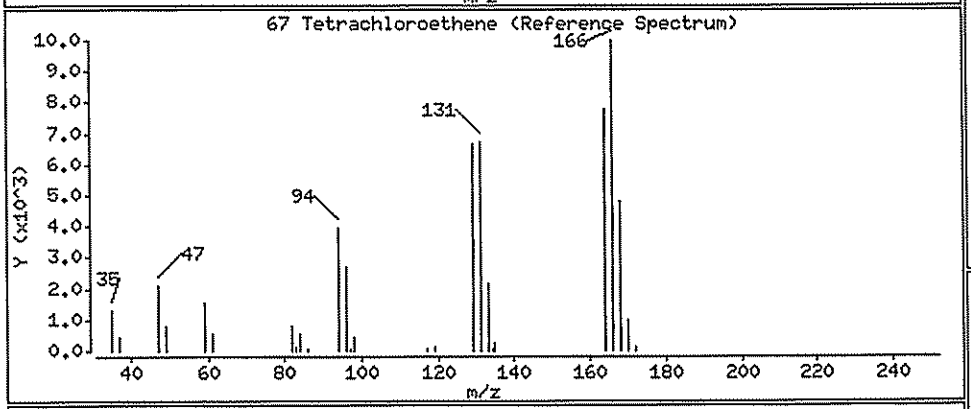
Concentration: 0.1311 ppb(v/v)

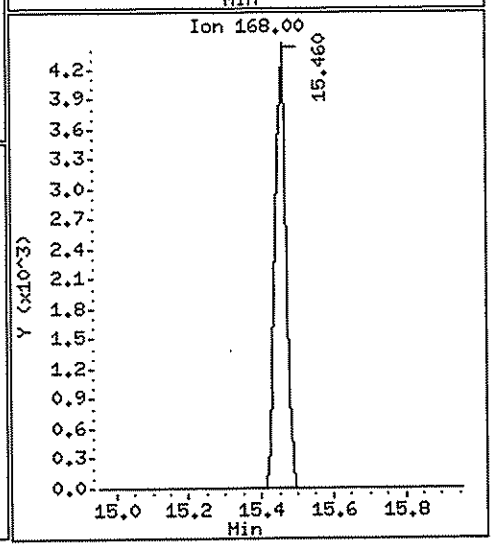


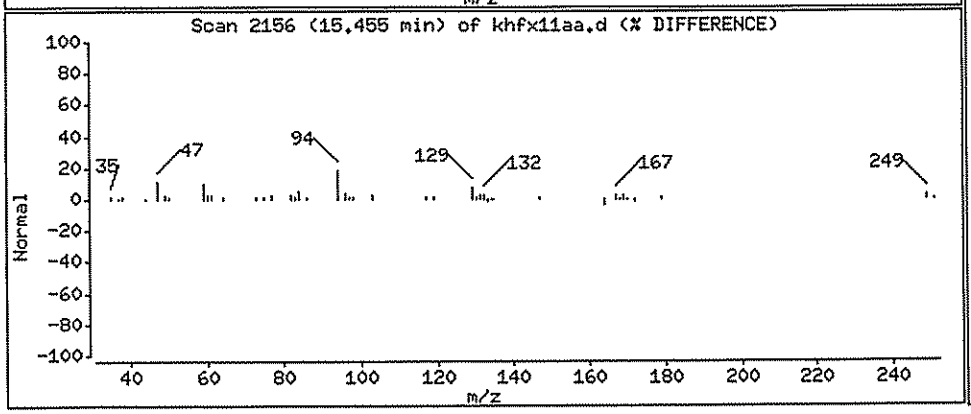












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

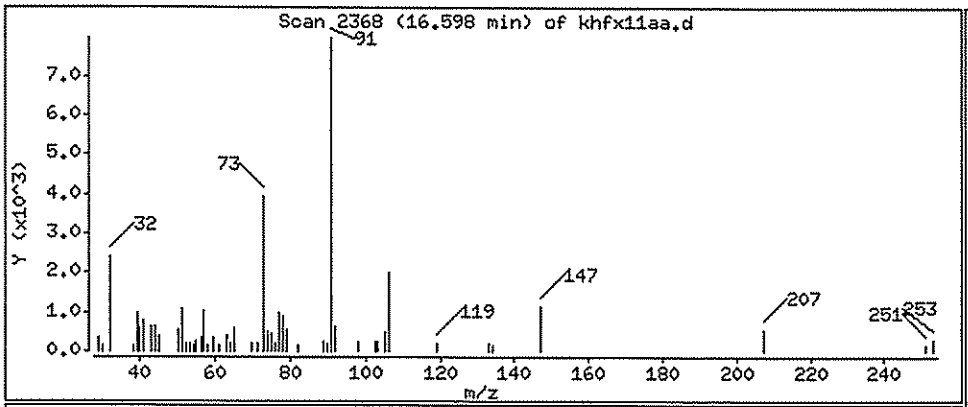
Operator: 3386

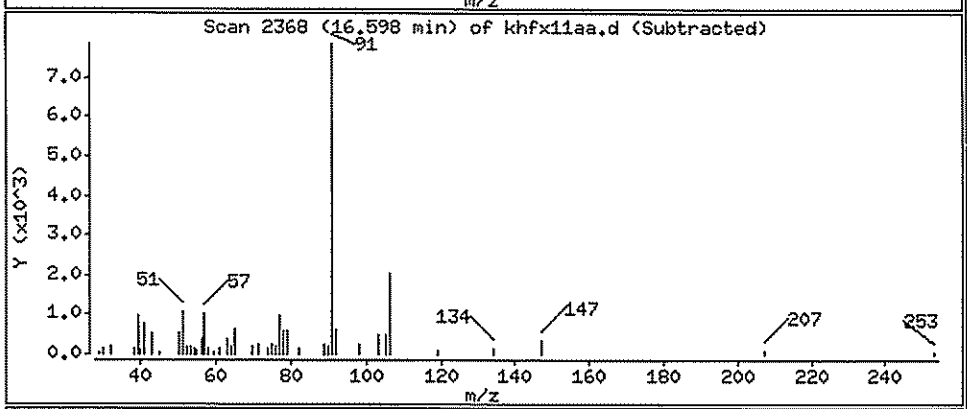
Column phase: RTX-5

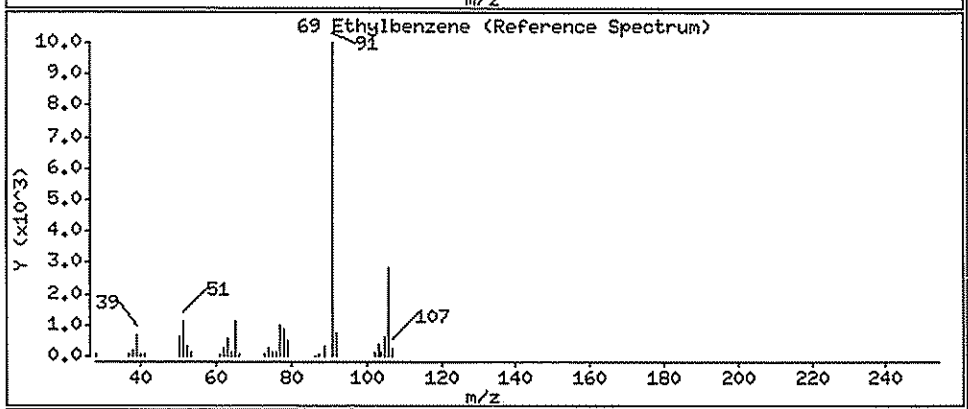
Column diameter: 0.32

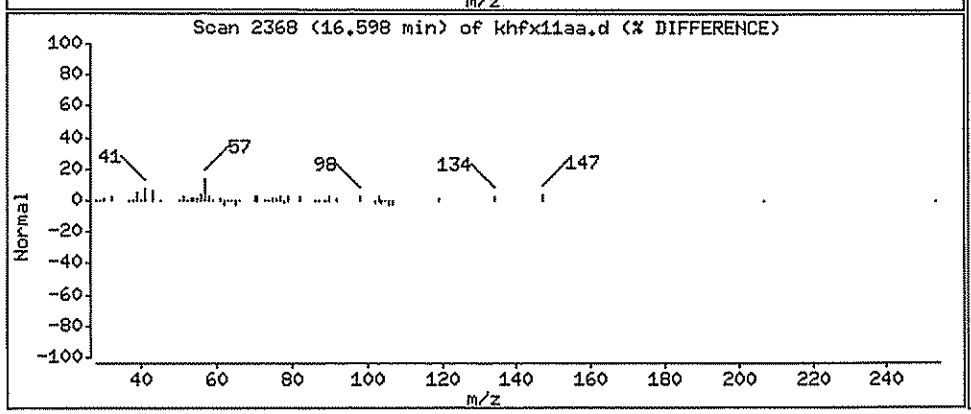
69 Ethylbenzene

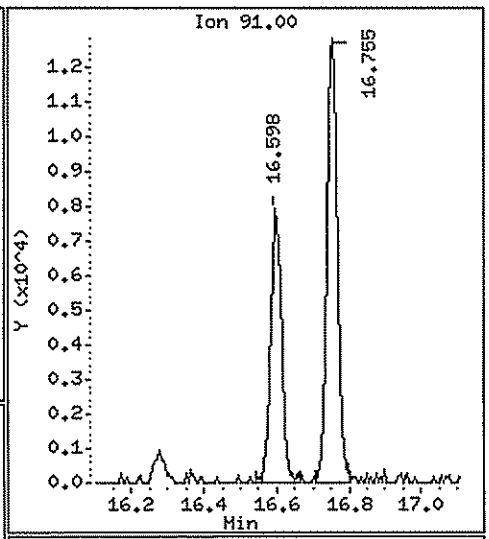
Concentration: 0.06521 ppb(v/v)

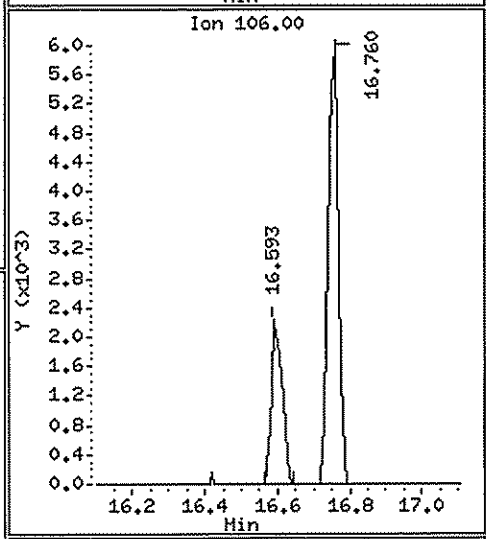


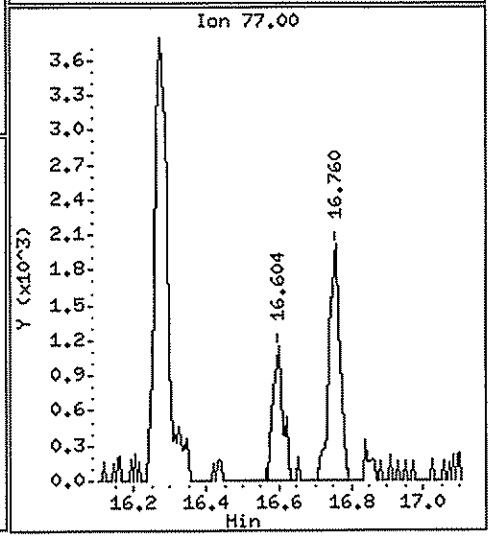












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

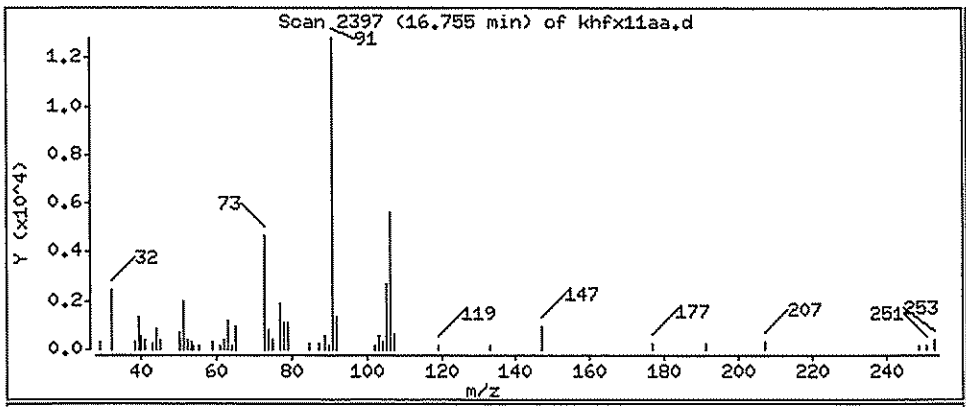
Operator: 3386

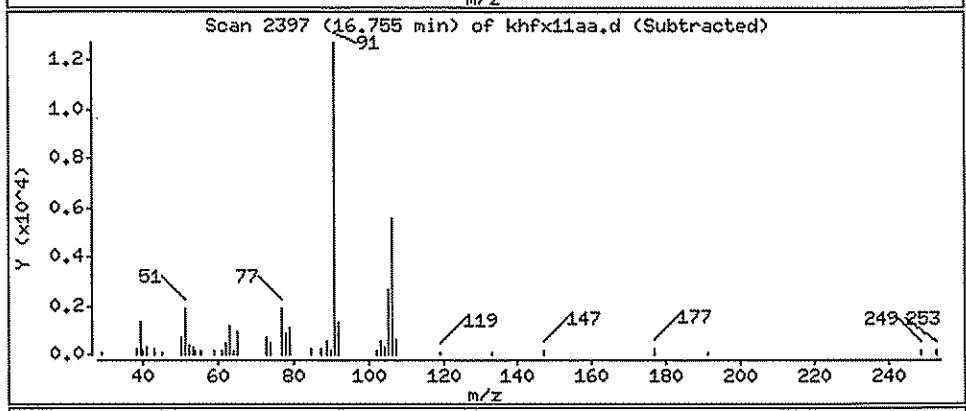
Column phase: RTX-5

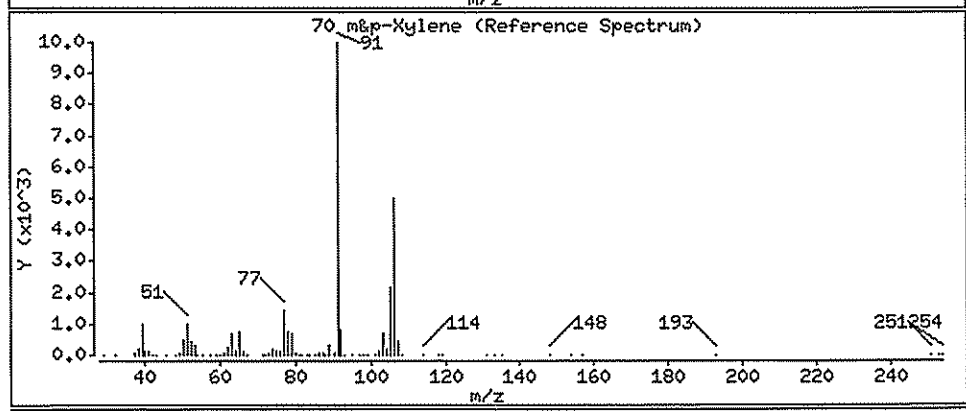
Column diameter: 0.32

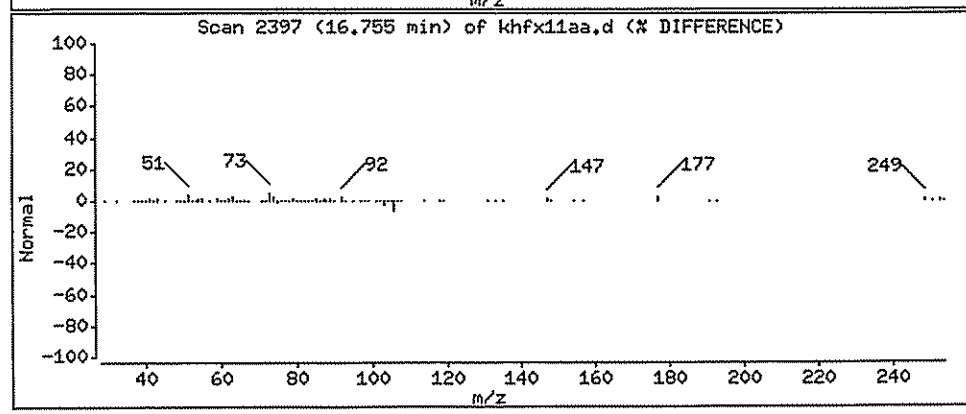
70 m&p-Xylene

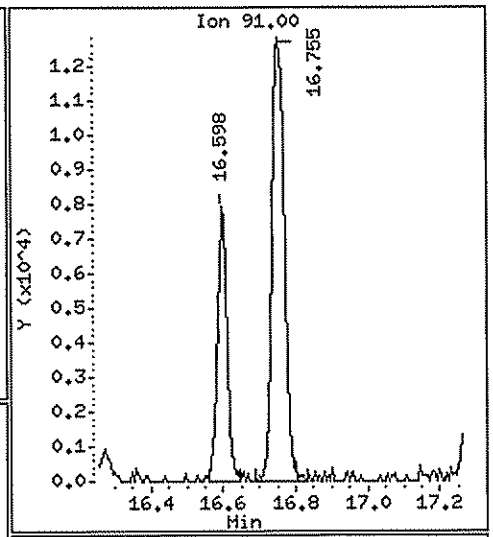
Concentration: 0.1455 ppb(v/v)

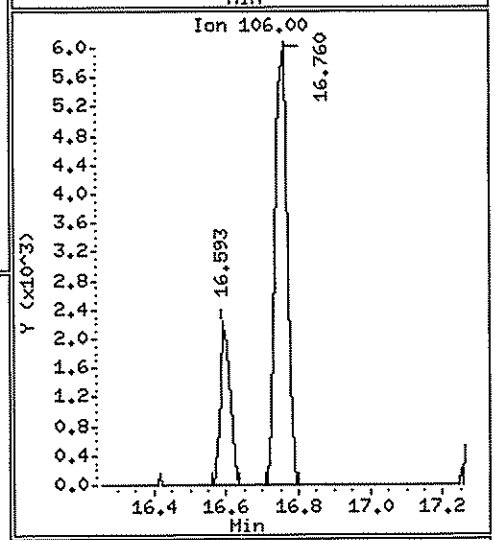


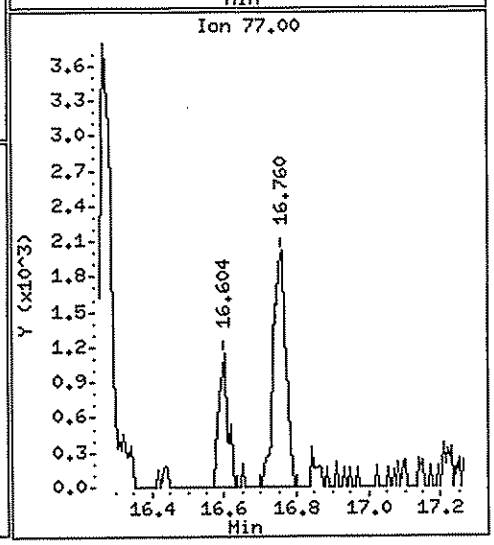












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

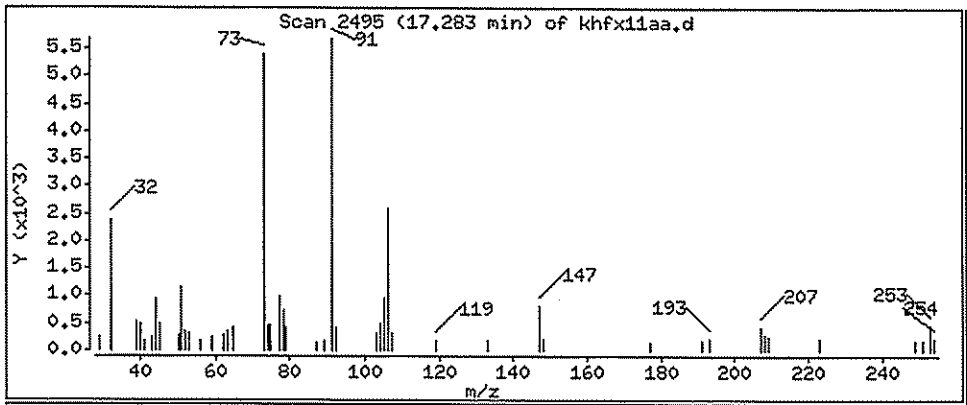
Operator: 3386

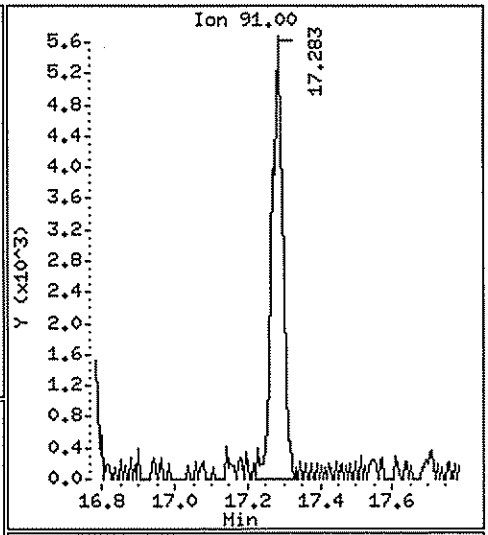
Column phase: RTX-5

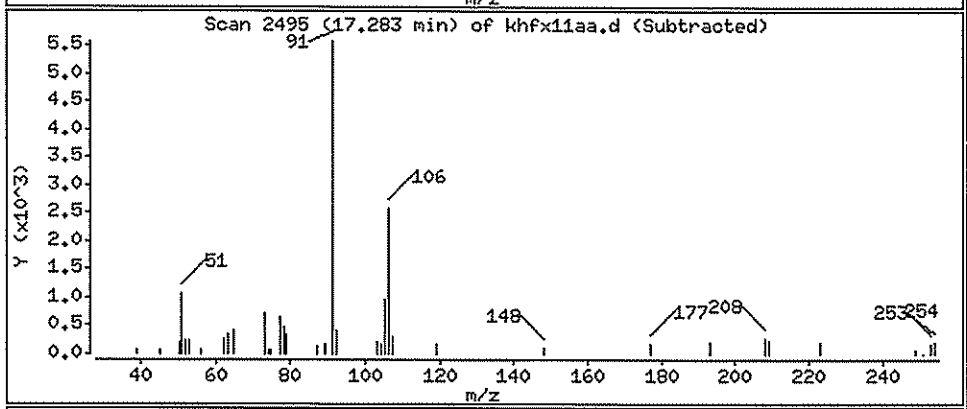
Column diameter: 0.32

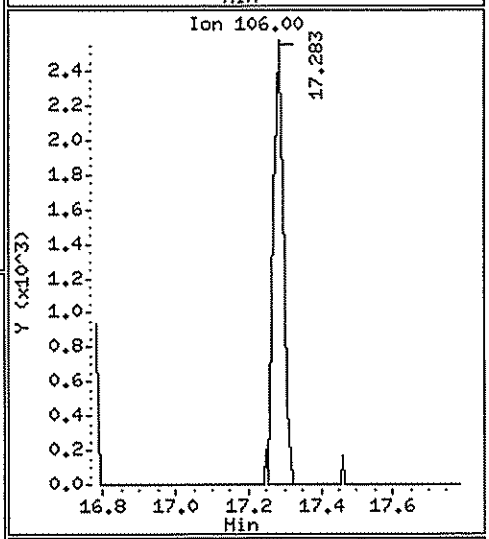
74 o-Xylene

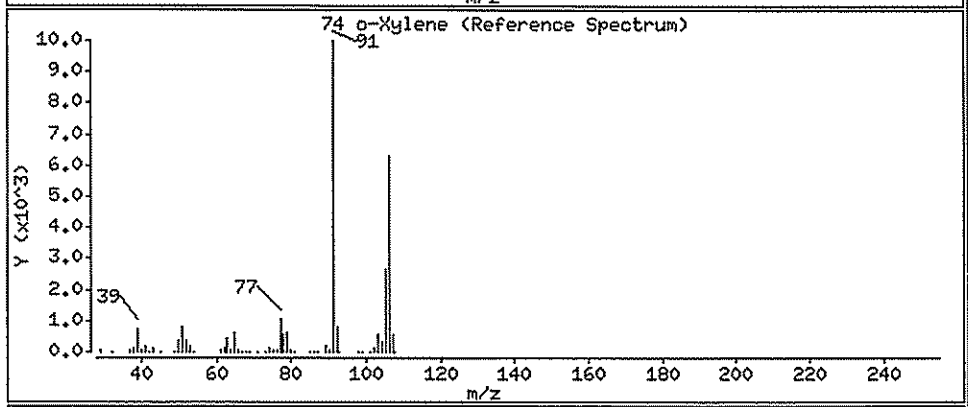
Concentration: 0.05463 ppb(v/v)

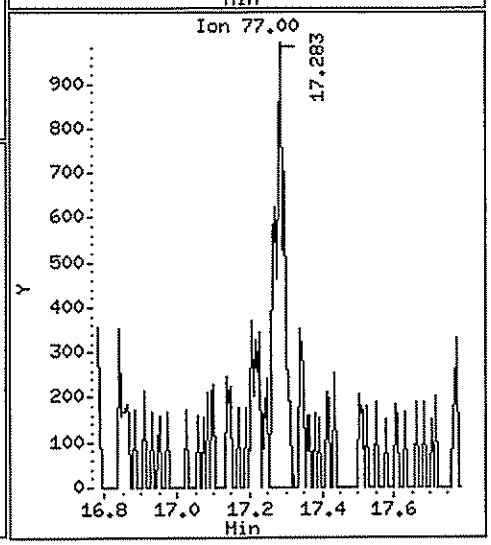


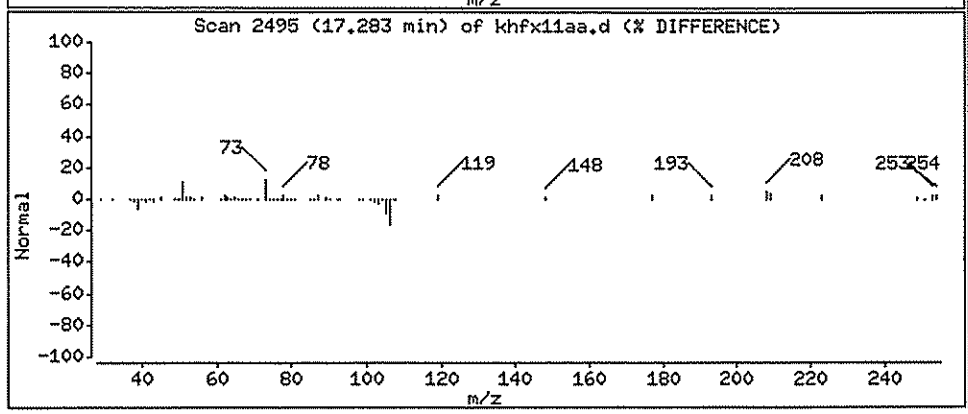












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

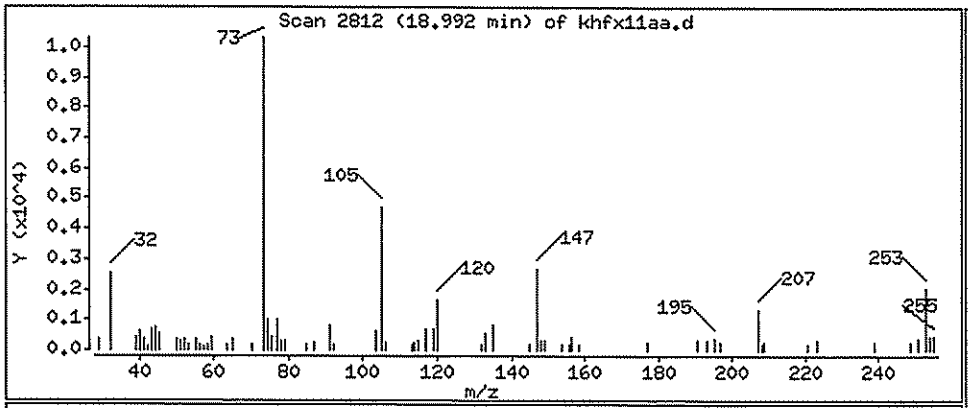
Operator: 3386

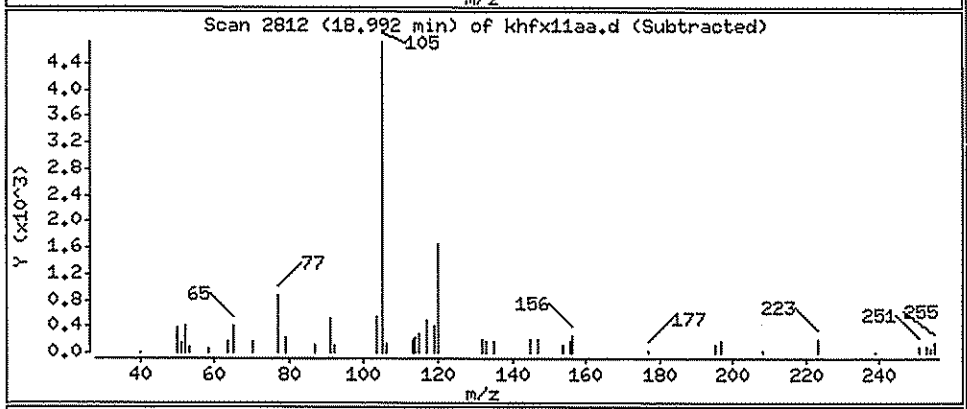
Column phase: RTX-5

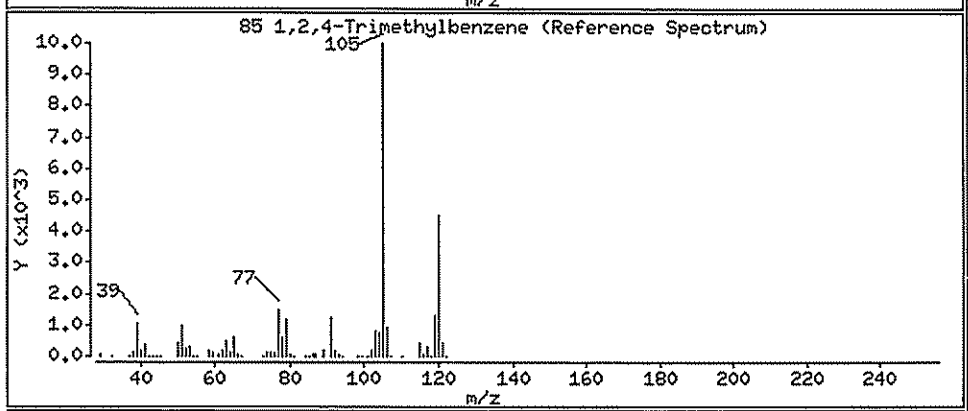
Column diameter: 0.32

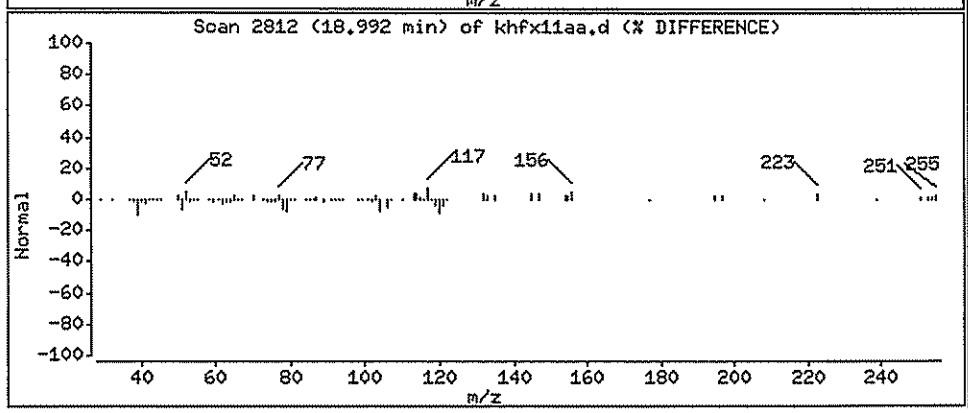
85 1,2,4-Trimethylbenzene

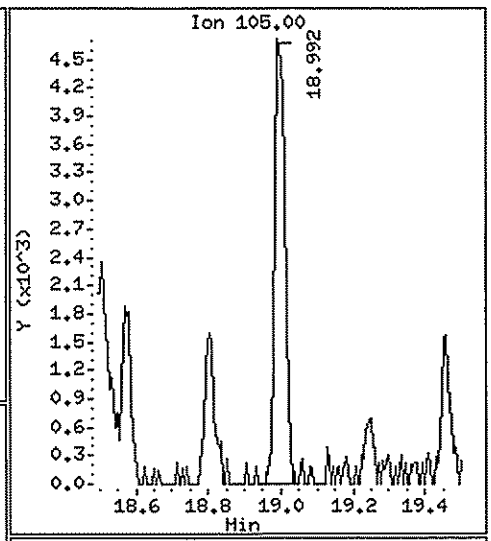
Concentration: 0.02873 ppb(v/v)

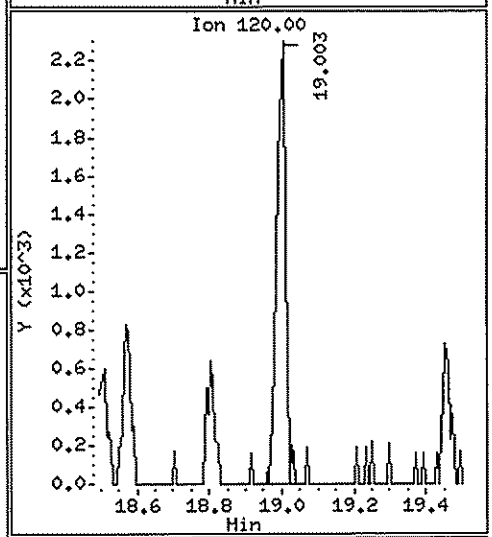


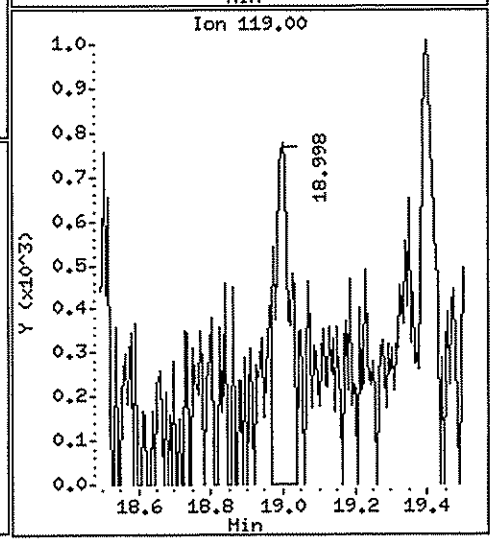












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d

Date : 26-FEB-2008 16:37

Client ID: SV-OUTDOOR

Instrument: mg.i

Sample Info: ,,0,,,

Purge Volume: 500.0

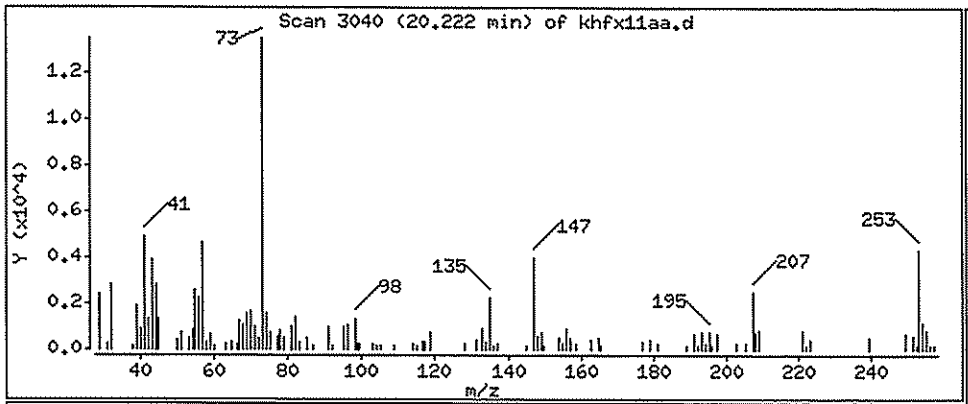
Operator: 3386

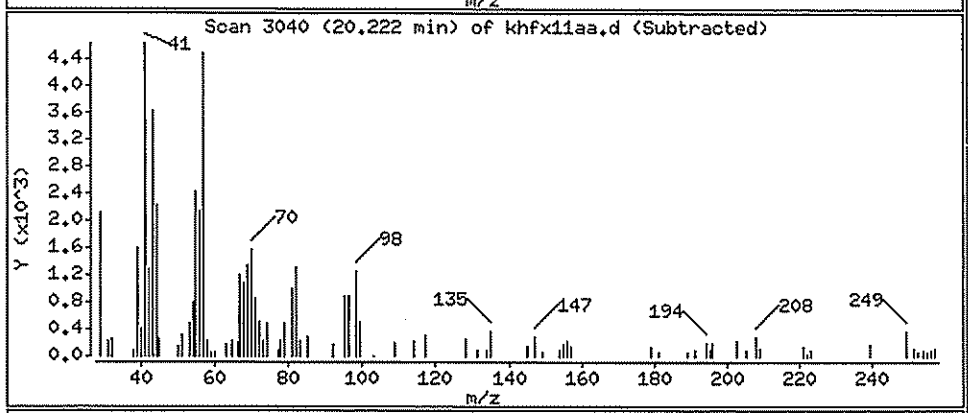
Column phase: RTX-5

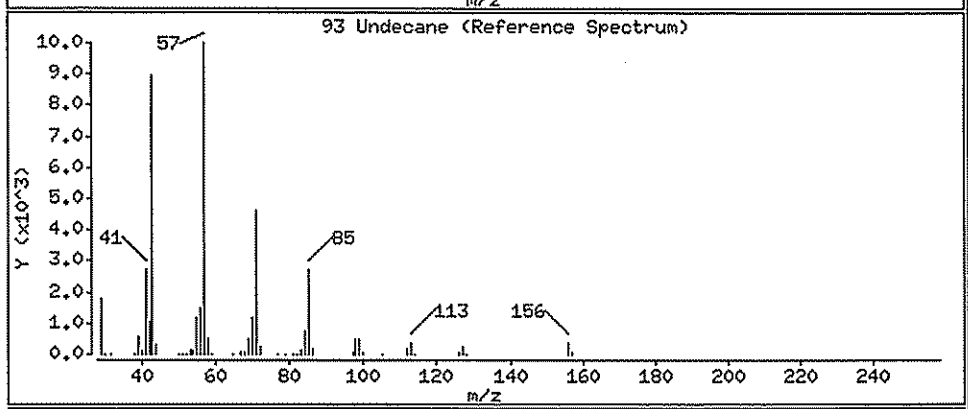
Column diameter: 0.32

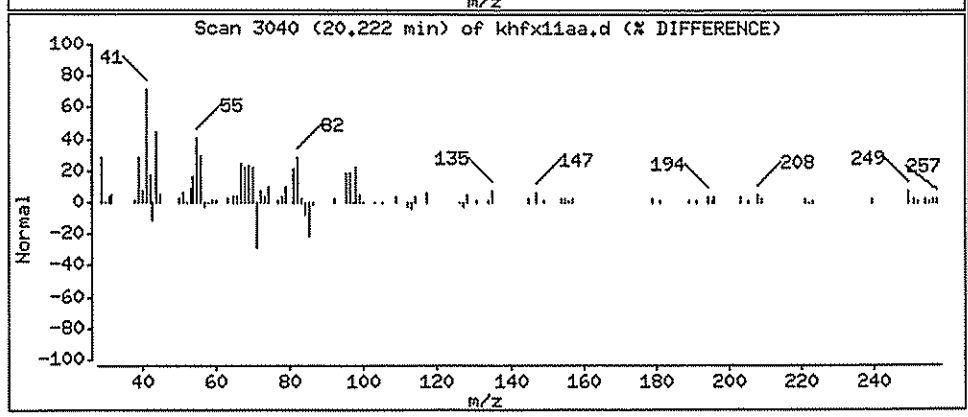
93 Undecane

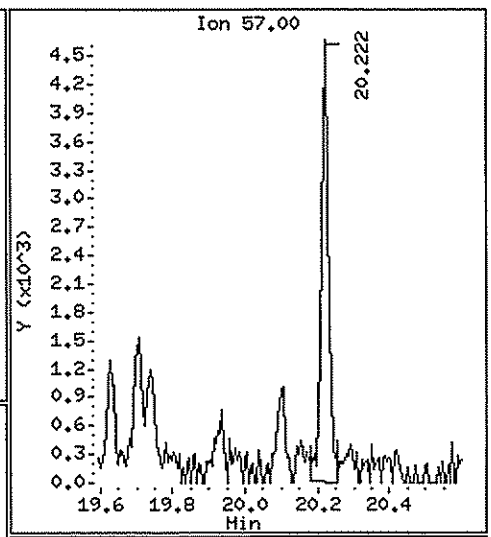
Concentration: 0.02675 ppb(v/v)

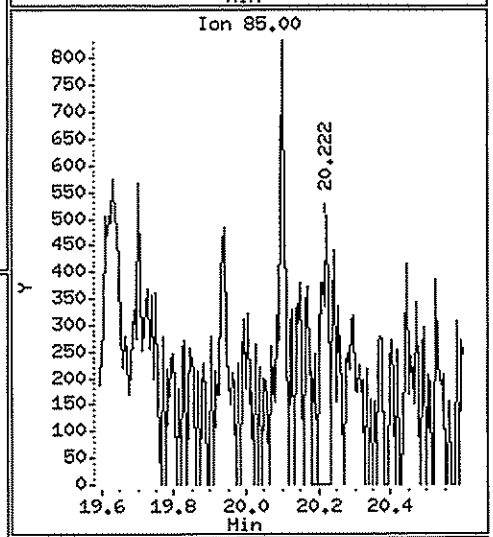


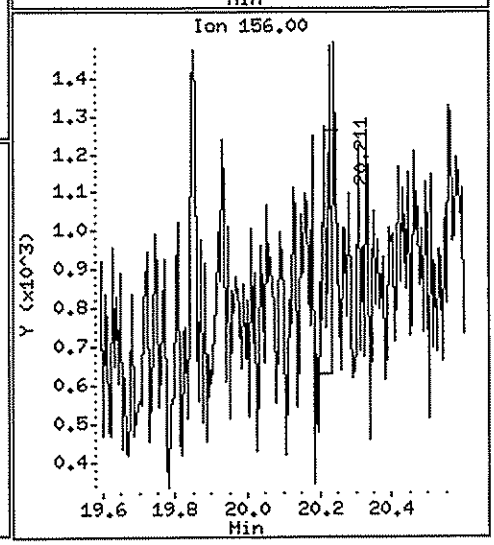












Data File: /var/chem/gcms/mg.i/G022608.b/khfx11aa.d
Report Date: 27-Feb-2008 13:48

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/khfx11aa.d
Lab Smp Id: KHFX11AA Client Smp ID: SV-OUTDOOR
Inj Date : 26-FEB-2008 16:37
Operator : 3386 Inst ID: mg.i
Smp Info : ,,0,,,
Misc Info : G022608,TO155,seneca.sub,,,,500 ML
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 27-Feb-2008 13:21 layk Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: seneca.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	500.00000	Default sample volume

Cpnd Variable Local Compound Variable

ISTD	RT	HEIGHT	AMOUNT
* 1 Bromochloromethane	9.470	513156	4.000

		CONCENTRATIONS			QUANT		
RT	HEIGHT	ON-COL(ppb(v/v))	FINAL(ppb(v/v))	QUAL	LIBRARY	LIB ENTRY	CPND #
Hydrazinecarboxylic acid, ethyl ester			CAS #: 4114-31-2				
4.383	157027	1.22400985	1.224	9	NIST05.l	4536	1

N/A

KM 2-27-08

Standards Data

TestAmerica Knoxville GC/MS Air Initial Calibration Data Review / Narrative Checklist
Method: TO-14 and TO-15 - KNOX-MS-0001, Rev 9

Analysis Date:	2/20/08	Instrument::	ME	ICAL Batch/Scan Name:	E022008I	Scanned ☐

Review Items	N/A	Yes	No	If No, why is data reportable?	2nd ➡
1. Did BFB meet tune criteria?		✓			✓
2. Were all standards injected within 24 hr of BFB?		✓			✓
3. Was date/time of analysis verified between analysis header and logbook as correct?		✓			✓
4. Is low level std at or <RL and are the remaining points consecutive?		✓			✓
5. Were at least 5 levels of each compound analyzed?		✓			✓
6. Is %RSD for all target analytes ≤ 30%? (with up to 2 compounds with RSD ≤ 40%)	N/A	✓		toluene 37%	✓
7. Have all peaks been auto identified? If not, list:		✓			✓
8. If curves were used, is correlation coefficient ≥0.990?		✓			✓
9. At least 6 consecutive points used for quadratic curves, and at least 5 consecutive points for linear curves?		✓			✓
10. For linear or quadratic: is a tangent's slope to the curve entirely positive or negative and continuous.		✓			✓
11. For linear or quadratic: origin NOT included or forced?		1/22/08 ✓	✓	naphthalene	✓
12. Is the "Y" intercept less than the RL for each curve?		✓			✓
13. RT for each IS ±20 sec avg. RT?		✓			✓
14. Area for each IS ± 40% avg. area?		✓			✓
15. Each analyte ± 0.06 RRT of avg. RRT?		✓			✓
16. If manual integrations were performed, are they clearly identified, initialed, dated and reason given?	✓			Reasons: 1)Corrected split peak; 2)Unresolved peak; 3)tailing; 4)RT shift; 5)wrong peak selected; 6)other	NA
17. Have alternate hits/manual integrations been verified as correct and are correct RFs listed in ICAL summary?	✓	·			NA
18. Was ICAL summary form processed using correct methods and files?		✓			✓
19. Are the ICAL start and end dates/times correct on ICAL summary?		✓			✓
20. Elution order checked on isomeric pairs?		✓			✓
• dichlorodifluoromethane / 1,2-dichlorotetrafluoroethane		✓			✓
• trichlorofluoromethane / 1,1,2-trichlorotrifluoroethane		✓			✓
• vinyl acetate / hexane		✓			✓
• cis- and trans- isomers		✓			✓
• ethyl benzene / m/p-xylene / o-xylene		✓			✓
• 4-ethyl toluene/1,3,5-trimethylbenzene/1,2,4-trimethylbenzene		✓			✓
• 1,3- , 1,4- , and 1,2-dichlorobenzene		✓			✓
21. Is the second source analysis of a reference standard within limits? (65-135% R; 20-180% for benzyl chloride)		✓			✓
22. If criteria were not met, was a NCM generated, approved by supervisor, and copy included in folder?	2/22/08	✓		08-0007623	✓
23. Does the ICAL folder contain complete data in the following order: Data review checklist, a complete runlog, Entech report, BFB info, ICAL summary, curves, followed by [Quan reports, chromatograms, manual integrations] in increasing amount order.		✓			✓

Analyst:	Date: 2/21/08	2nd Level Reviewer :	Date: 022208
Comments: Quad-curve — 1-butanol, 2-hexanone, naphthalene Linear-curve — 4-methyl-2-pentanone		Comments:	

TestAmerica Knoxville
TO-14/15 RUN LOG

GCMS Analysis: TO-14/15 Inst: ME

Analyst: HMT Qtims Batch: MA

Date: 2/21/08 ICAL Batch: E022008I Target Batch: E022008I IS #1 Area: 102000

Surr/IS ID & Vol.: 20mc V176 System Date/Time ok (y/n): y

Preventive Maintenance Performed ☑ Daily

Time	Use	Lot No.	File ID	Can #	Pos	Vol* (mL)	Can DF	Comments
1734	✓	tune	EBFBB20	—	—	—	1	
1840	✓	ICAL 9	EICB209	CX1712	12	18		use as MDL chks
1918	✓	1	1			40		↓
1956	✓	2	2			80		
2034	✓	3	3	↓	↓	160		
2112	✓	4	4	CX1707	13	20		
2226	✓	5	5			40		
2304	✓	6	6			80		
2344	✓	7	7			160		
0024	✓	8	8		↓	240		
~~0142~~ 2/21/08	0103	N Blank	Blank	—	16	200		
0220	0142	✓ 2/21/08 ~~POS~~ ICV	pos 7	CX1672	7	40		↑ MeOH + 1,3,5 trimethyl benz
~~0302~~	0220	✓ ↓	pos ~~pos~~ 8 2/21/08	CX1713	8	40		Ok for above.
0302	N	lot chk	POS01	7467	1	500		7389
0343	N		01A	↓	12			↓
0424	✓		02	7485	23 2/21/08			7390 2-but @ 0.17
0508	✓		03	1007N	34			91 mtp 0.17
0548	✓		04	7494	4			92 2-but @ 0.16
0634	✓		05	6638	5			93
0719	✓	↓	06	7476	6	↓	↓	94

2/21/08

* Entech programmed Volume. If the Entech report amount differs from the programmed amount by >5%, the Entech report amount is used for calulations.

Analyst: _____ Date: 2/21/08

Test America - Knoxville

Entech Autosampler Log

Sample	Position	Volume	AnDate	AnTime
bfb	16	0	2/20/2008	17:34
ical9	12	18	2/20/2008	18:40
ical1	12	41	2/20/2008	19:18
ical2	12	80	2/20/2008	19:56
ical3	12	160	2/20/2008	20:34
ical4	13	20	2/20/2008	21:12
ical5	13	41	2/20/2008	22:26
ical6	13	82	2/20/2008	23:04
ical7	13	160	2/20/2008	23:44
ical8	13	241	2/21/2008	0:24
BLK	16	202	2/21/2008	1:03
ICV	7	41	2/21/2008	1:42
ICV	8	42	2/21/2008	2:20
POS01	1	501	2/21/2008	3:02
POS01	1	501	2/21/2008	3:43
POS02	2	501	2/21/2008	4:24
POS03	3	501	2/21/2008	5:08
POS04	4	501	2/21/2008	5:48
POS05	5	501	2/21/2008	6:34
POS06	6	501	2/21/2008	7:19

Data File: /var/chem/gcms/me.i/E022008I.b/ebfbb20.d

Date : 20-FEB-2008 17:34

Client ID: BFB

Instrument: me.i

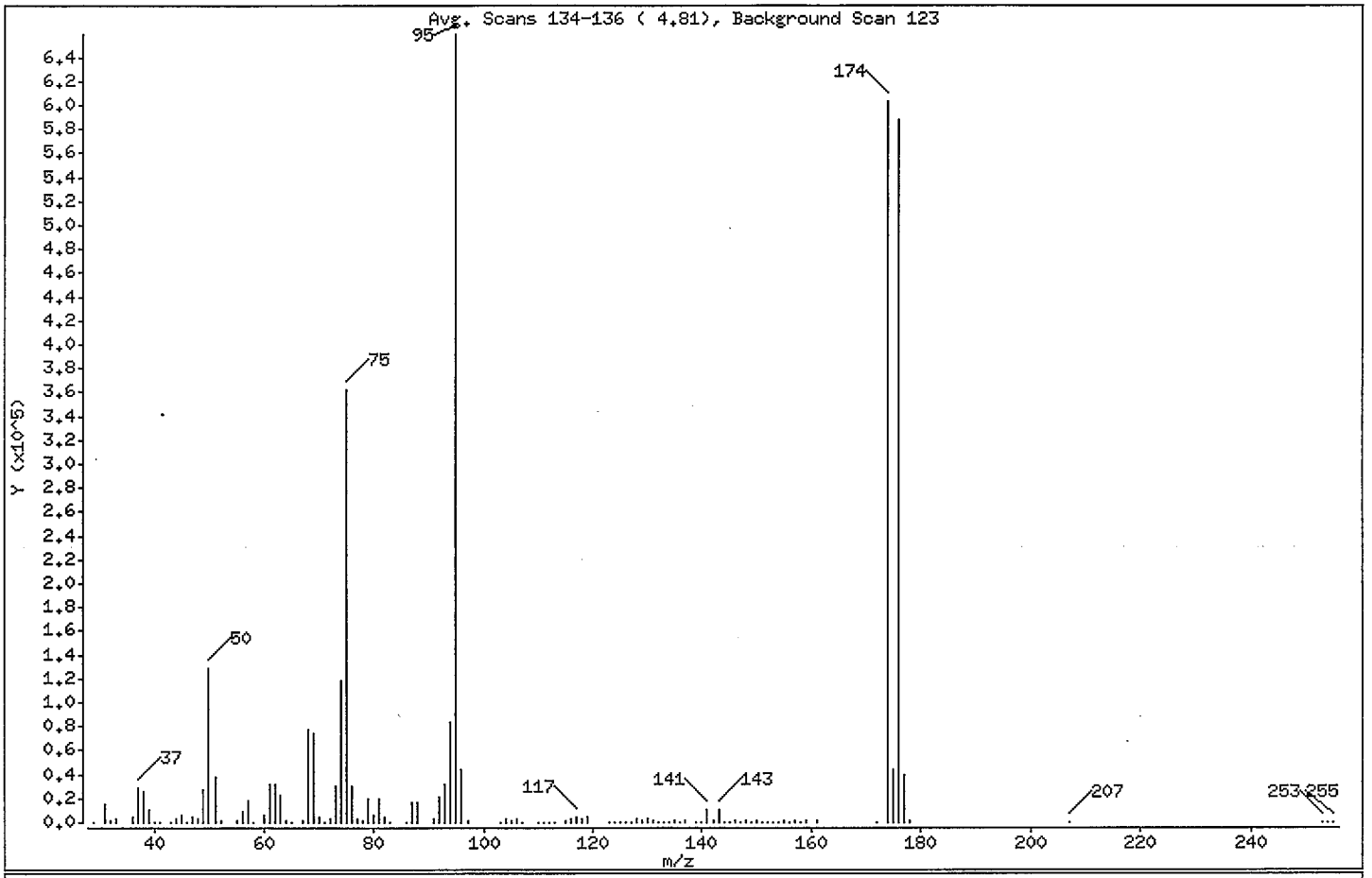
Sample Info: BFB,,3,,,BFB

Operator: 7126

Column phase: HP-5

Column diameter: 0.32

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	19.61
75	30.00 - 60.00% of mass 95	54.98
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	91.55
175	5.00 - 9.00% of mass 174	6.56 (7.16)
176	95.00 - 101.00% of mass 174	89.18 (97.42)
177	5.00 - 9.00% of mass 176	5.94 (6.66)

Data File: /var/chem/gcms/me.i/E022008I.b/ebfbb20.d

Date : 20-FEB-2008 17:34

Client ID: BFB

Instrument: me.i

Sample Info: BFB,,3,,,BFB

Operator: 7126

Column phase: HP-5

Column diameter: 0.32

Data File: ebfbb20.d
Spectrum: Avg. Scans 134-136 (4.81), Background Scan 123
Location of Maximum: 95.00
Number of points: 118

m/z	Y	m/z	Y	m/z	Y	m/z	Y
29.00	78	67.00	1878	106.00	3345	143.00	10105
31.00	15618	68.00	76840	107.00	627	144.00	568
32.00	943	69.00	74184	110.00	465	145.00	748
33.00	2516	70.00	4954	111.00	747	146.00	1084
36.00	5290	71.00	283	112.00	452	147.00	712
37.00	28888	72.00	3463	113.00	673	148.00	1998
38.00	25168	73.00	29720	115.00	1014	149.00	723
39.00	10338	74.00	118632	116.00	2885	150.00	1010
40.00	352	75.00	362304	117.00	4801	151.00	67
41.00	69	76.00	30800	118.00	2894	152.00	487
43.00	248	77.00	2696	119.00	3841	153.00	524
44.00	3030	78.00	1718	123.00	105	154.00	678
45.00	5546	79.00	19480	124.00	451	155.00	2041
46.00	327	80.00	5848	125.00	296	156.00	469
47.00	4526	81.00	20312	126.00	266	157.00	1542
48.00	3783	82.00	4226	127.00	275	158.00	290
49.00	26656	83.00	449	128.00	2895	159.00	1265
50.00	129240	86.00	357	129.00	1388	161.00	1277
51.00	38608	87.00	17248	130.00	3155	172.00	103
52.00	1752	88.00	16624	131.00	1107	174.00	603328
55.00	1776	91.00	2358	132.00	67	175.00	43200
56.00	9768	92.00	21592	133.00	90	176.00	587712
57.00	17736	93.00	32112	134.00	209	177.00	39136
58.00	588	94.00	82592	135.00	1464	178.00	1066
60.00	6553	95.00	659008	136.00	307	207.00	297
61.00	31184	96.00	44176	137.00	1522	253.00	478
62.00	31848	97.00	1347	139.00	404	254.00	91
63.00	23376	103.00	472	140.00	652	255.00	70
64.00	2139	104.00	3290	141.00	9864		
65.00	249	105.00	1302	142.00	1333		

Data File: /var/chem/gcms/me.i/E022008I.b/ebfbb20.d

Date : 20-FEB-2008 17:34

Client ID: BFB

Instrument: me.i

Sample Info: BFB,,3,,,BFB

Operator: 7126

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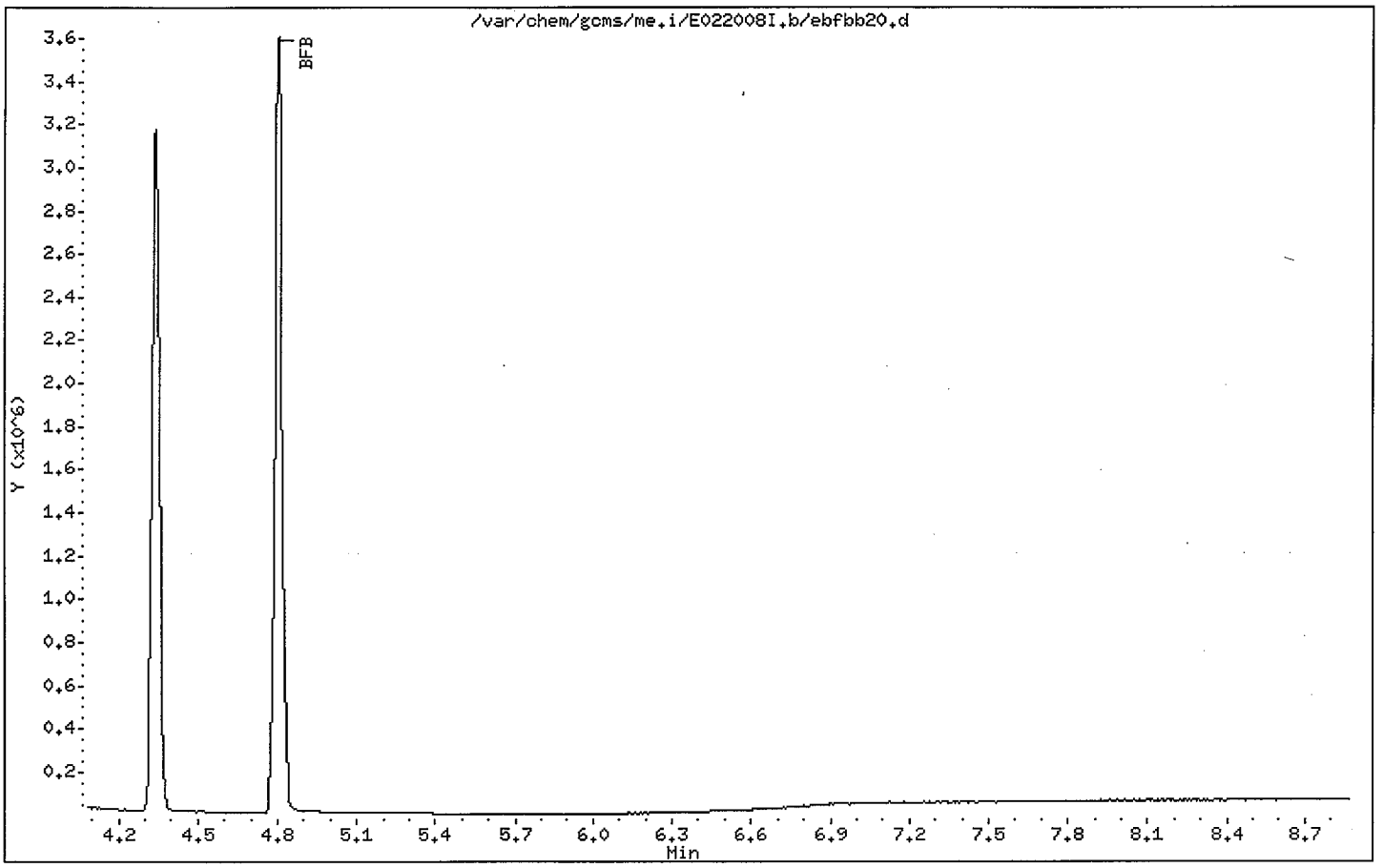
Column diameter: 0.32



Report Date:02/21/2008 Page 1

INITIAL CALIBRATION RT and RRT REPORT

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STD 5 = /var/chem/gcms/me.i/E022008I.b/eicb204.d
STD 6 = /var/chem/gcms/me.i/E022008I.b/eicb205.d
STD 7 = /var/chem/gcms/me.i/E022008I.b/eicb206.d
STD 8 = /var/chem/gcms/me.i/E022008I.b/eicb207.d
STD 9 = /var/chem/gcms/me.i/E022008I.b/eicb208.d

COMPOUND	STD 1	STD 2	STD 3	STD 4	STD 5	STD 6	STD 7	STD 8	STD 9	MEAN
Chlorobenzene-d5	15.426	15.421	15.421	15.421	15.420	15.421	15.420	15.420	15.426	15.422
1,4-Difluorobenzene	10.638	10.638	10.638	10.633	10.633	10.633	10.633	10.638	10.638	10.636
Bromochloromethane	8.443	8.438	8.438	8.438	8.432	8.433	8.438	8.438	8.443	8.438
1,2-Dichloroethane-d4	0.886	0.885	0.885	0.886	0.886	0.886	0.886	0.885	0.886	0.886
Toluene-d8	0.864	0.864	0.864	0.864	0.864	0.864	0.864	0.864	0.864	0.864
4-Bromofluorobenzene	1.107	1.108	1.108	1.108	1.107	1.107	1.107	1.107	1.107	1.107
1,2,3-trichlorobenzene	NA	1.372	1.372	1.372	1.372	1.372	1.372	1.372	1.371	1.372
1,3-Dichlorobenzene	1.203	1.203	1.204	1.203	1.203	1.203	1.203	1.203	1.203	1.203
Benzyl Chloride	1.208	1.209	1.209	1.209	1.209	1.208	1.209	1.209	1.208	1.209
1,4-Dichlorobenzene	1.209	1.209	1.209	1.209	1.209	1.209	1.209	1.209	1.209	1.209
Chlorodifluoromethane	NA	0.436	0.436	0.436	0.436	0.435	0.436	0.435	0.436	0.436
p-Cymene	1.215	1.215	1.215	1.215	1.215	1.215	1.215	1.215	1.215	1.215
Dichlorodifluoromethane	0.442	0.443	0.443	0.443	0.442	0.442	0.442	0.442	0.442	0.442
Chloromethane	NA	NA	0.462	0.461	0.462	0.462	0.461	0.461	0.462	0.462
1,2-Dichlorotetrafluoroethan	NA	0.462	0.463	0.463	0.463	0.463	0.462	0.462	0.462	0.462
Methanol	NA	NA	NA	NA	0.475	0.475	0.475	0.475	0.475	0.475
Vinyl Chloride	0.479	0.479	0.480	0.480	0.480	0.480	0.480	0.480	0.479	0.480
n-Butane	NA	0.490	0.491	0.490	0.490	0.490	0.490	0.489	0.490	0.490
1,3-Butadiene	NA	0.489	0.490	0.489	0.489	0.489	0.489	0.489	0.489	0.489
Bromomethane	NA	0.522	0.524	0.524	0.523	0.523	0.523	0.523	0.523	0.523
Chloroethane	NA	0.538	0.539	0.539	0.539	0.538	0.538	0.538	0.538	0.538
Vinyl Bromide	NA	0.570	0.571	0.571	0.571	0.571	0.571	0.570	0.570	0.571
1,2-Dichlorobenzene	1.232	1.233	1.233	1.233	1.233	1.233	1.233	1.233	1.232	1.233
Trichlorofluoromethane	0.600	0.601	0.600	0.600	0.601	0.601	0.600	0.600	0.600	0.600
Acrolein	NA	NA	0.603	0.601	0.601	0.601	0.601	0.601	0.601	0.601
Acetonitrile	NA	NA	NA	0.608	0.608	0.608	0.607	0.607	0.608	0.608
Acetone	NA	NA	NA	NA	0.615	0.615	0.615	0.614	0.614	0.615
Pentane	NA	NA	NA	0.626	0.626	0.626	0.625	0.625	0.625	0.626
n-butylbenzene	1.243	1.244	1.244	1.244	1.244	1.243	1.244	1.244	1.243	1.244
Ethyl Ether	NA	0.646	0.646	0.646	0.645	0.645	0.645	0.644	0.644	0.645
1,1-Dichloroethene	NA	0.676	0.677	0.677	0.677	0.676	0.677	0.676	0.676	0.676
Acrylonitrile	NA	NA	NA	0.688	0.689	0.689	0.688	0.688	0.688	0.688
tert-butanol	NA	NA	0.691	0.690	0.689	0.689	0.689	0.689	0.689	0.689
1,1,2-Trichlorotrifluoroetha	0.698	0.698	0.699	0.698	0.699	0.698	0.698	0.698	0.698	0.698
Methylene Chloride	NA	NA	0.715	0.714	0.715	0.714	0.714	0.714	0.714	0.714
3-Chloropropene	NA	0.718	0.717	0.718	0.717	0.717	0.717	0.717	0.716	0.717
Carbon Disulfide	0.732	0.732	0.732	0.732	0.731	0.731	0.731	0.731	0.731	0.731

Evaluation Criteria
Internal Standard RT shift within 20 seconds of mean RT
Target compound RRT within 0.06 RRT of the RRT mean
Note: IS data is RT, SS and Target Compound Data is RRT.

INITIAL CALIBRATION RT and RRT REPORT

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COMPOUND	STD 1	STD 2	STD 3	STD 4	STD 5	STD 6	STD 7	STD 8	STD 9	MEAN
trans-1,2-Dichloroethene	NA	0.804	0.806	0.806	0.805	0.805	0.805	0.805	0.804	0.805
Methyl-t-Butyl Ether	NA	0.826	0.826	0.826	0.825	0.825	0.825	0.825	0.824	0.825
1,1-Dichloroethane	0.852	0.853	0.853	0.853	0.853	0.853	0.852	0.852	0.852	0.852
Vinyl Acetate	NA	0.867	0.868	0.868	0.868	0.867	0.867	0.867	0.867	0.867
Hexane	NA	0.922	0.922	0.922	0.922	0.922	0.922	0.922	0.921	0.922
2-Butanone	NA	NA	0.923	0.920	0.920	0.920	0.919	0.919	0.918	0.920
cis 1,2-Dichloroethene	0.964	0.965	0.964	0.964	0.964	0.964	0.964	0.964	0.963	0.964
Undecane	NA	NA	1.267	1.267	1.267	1.267	1.267	1.267	1.266	1.267
Chloroform	1.001	1.002	1.003	1.002	1.002	1.002	1.002	1.002	1.002	1.002
1,1,1-Trichloroethane	1.122	1.122	1.122	1.122	1.122	1.122	1.122	1.122	1.121	1.122
1,2-Dichloroethane	0.900	0.899	0.899	0.900	0.899	0.899	0.899	0.899	0.899	0.899
Cyclohexane	NA	NA	0.946	0.947	0.947	0.946	0.947	0.946	0.946	0.946
Benzene	0.945	0.946	0.946	0.946	0.946	0.946	0.946	0.945	0.946	0.946
1-Butanol	NA	NA	0.947	0.948	0.946	0.946	0.946	0.945	NA	0.946
Carbon Tetrachloride	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948	0.948
2,2,4-trimethylpentane	NA	1.023	1.024	1.024	1.024	1.024	1.024	1.024	1.024	1.024
Hexachlorobutadiene	NA	1.369	1.369	1.369	1.368	1.368	1.368	1.369	1.368	1.368
Heptane	NA	1.060	1.060	1.060	1.060	1.060	1.060	1.060	1.060	1.060
1,2-Dichloropropane	NA	1.062	1.064	1.064	1.064	1.063	1.063	1.063	1.063	1.063
Trichloroethene	1.066	1.066	1.067	1.067	1.067	1.067	1.067	1.066	1.066	1.066
Dibromomethane	1.072	1.073	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072
Bromodichloromethane	1.087	1.087	1.087	1.088	1.087	1.087	1.088	1.087	1.087	1.087
Napthalene	NA	1.353	1.353	1.353	1.353	1.353	1.353	1.353	1.352	1.353
1,2,4-Trichlorobenzene	NA	1.345	1.344	1.345	1.344	1.344	1.344	1.344	1.344	1.344
4-Methyl-2-pentanone	NA	1.185	1.184	1.185	1.184	1.184	1.184	1.184	1.184	1.184
cis-1,3-Dichloropropene	1.184	1.185	1.185	1.186	1.185	1.185	1.185	1.184	1.184	1.185
trans-1,3-Dichloropropene	0.863	0.864	0.864	0.863	0.863	0.863	0.863	0.863	0.863	0.863
Toluene	NA	0.872	0.872	0.871	0.871	0.871	0.871	0.871	0.871	0.871
1,1,2-Trichloroethane	0.876	0.875	0.876	0.876	0.876	0.876	0.876	0.876	0.876	0.876
2-Hexanone	NA	0.905	0.905	0.905	0.904	0.904	0.904	0.904	NA	0.904
Octane	NA	NA	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920
Dibromochloromethane	0.920	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.920	0.921
1,2-Dibromoethane	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940
Tetrachloroethene	0.946	0.947	0.946	0.946	0.946	0.946	0.946	0.946	0.946	0.946
Chlorobenzene	1.003	1.003	1.003	1.003	1.003	1.003	1.003	1.003	1.003	1.003
Ethylbenzene	NA	1.023	1.023	1.023	1.023	1.023	1.023	1.023	1.023	1.023
m&p-Xylene	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034

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Internal Standard RT shift within 20 seconds of mean RT
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STD 4 = /var/chem/gcms/me.i/E022008I.b/eicb203.d
STD 5 = /var/chem/gcms/me.i/E022008I.b/eicb204.d
STD 6 = /var/chem/gcms/me.i/E022008I.b/eicb205.d
STD 7 = /var/chem/gcms/me.i/E022008I.b/eicb206.d
STD 8 = /var/chem/gcms/me.i/E022008I.b/eicb207.d
STD 9 = /var/chem/gcms/me.i/E022008I.b/eicb208.d

COMPOUND	STD 1	STD 2	STD 3	STD 4	STD 5	STD 6	STD 7	STD 8	STD 9	MEAN
Nonane	NA	1.064	1.064	1.064	1.064	1.064	1.064	1.064	1.064	1.064
Bromoform	1.060	1.061	1.061	1.061	1.060	1.060	1.060	1.060	1.060	1.060
Styrene	NA	1.064	1.064	1.064	1.064	1.064	1.064	1.064	1.063	1.064
o-Xylene	1.068	1.068	1.068	1.068	1.068	1.068	1.068	1.068	1.068	1.068
1,1,2,2-Tetrachloroethane	1.088	1.088	1.088	1.089	1.088	1.088	1.088	1.088	1.088	1.088
1,2,3-Trichloropropane	NA	1.099	1.099	1.099	1.099	1.099	1.099	1.099	1.099	1.099
Cumene	1.107	1.107	1.107	1.107	1.107	1.107	1.107	1.107	1.107	1.107
n-Propylbenzene	1.142	1.143	1.143	1.143	1.143	1.142	1.143	1.143	1.142	1.143
2-chlorotoluene	1.144	1.145	1.145	1.144	1.144	1.144	1.144	1.144	1.144	1.144
4-Ethyltoluene	1.153	1.153	1.153	1.153	1.153	1.153	1.153	1.153	1.152	1.153
1,3,5-Trimethylbenzene	1.158	1.158	1.158	1.158	1.158	1.158	1.158	1.158	1.158	1.158
Alpha-Methylstyrene	NA	NA	1.173	1.173	1.173	1.173	1.173	1.173	1.172	1.173
Decane	NA	NA	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180
Dodecane	NA	NA	NA	1.336	1.336	1.336	1.336	1.336	1.336	1.336
1,2,4-Trimethylbenzene	1.186	1.187	1.187	1.187	1.187	1.187	1.187	1.187	1.186	1.187
sec-butylbenzene	1.204	1.204	1.204	1.204	1.204	1.204	1.204	1.204	1.204	1.204
Propene	NA	NA	0.438	0.437	0.437	0.437	0.437	0.437	0.437	0.437
2-methyl butane	NA	NA	0.578	0.577	0.578	0.577	0.577	0.577	0.577	0.577
Isopropyl Alcohol	NA	0.624	0.624	0.623	0.623	0.622	0.622	0.622	0.623	0.623
Ethyl acetate	NA	NA	0.993	0.992	0.992	0.992	0.992	0.991	0.991	0.992
Tetrahydrofuran	NA	NA	1.059	1.057	1.056	1.056	1.054	1.054	1.054	1.056
1,4-dioxane	NA	1.095	1.094	1.094	1.094	1.093	1.093	1.092	1.092	1.093
methyl methacrylate	1.103	1.103	1.103	1.103	1.103	1.102	1.102	1.102	1.102	1.102
tert-butylbenzene	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186

Evaluation Criteria
Internal Standard RT shift within 20 seconds of mean RT
Target compound RRT within 0.06 RRT of the RRT mean
Note: IS data is RT, SS and Target Compound Data is RRT.

Report Date : 22-Feb-2008 13:25

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 20-FEB-2008 18:40
End Cal Date : 21-FEB-2008 00:24
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Calibration File Names:
Level 1: /var/chem/gcms/me.i/E022008I.b/eicb201.d
Level 2: /var/chem/gcms/me.i/E022008I.b/eicb202.d
Level 3: /var/chem/gcms/me.i/E022008I.b/eicb203.d
Level 4: /var/chem/gcms/me.i/E022008I.b/eicb204.d
Level 5: /var/chem/gcms/me.i/E022008I.b/eicb205.d
Level 6: /var/chem/gcms/me.i/E022008I.b/eicb206.d
Level 7: /var/chem/gcms/me.i/E022008I.b/eicb207.d
Level 8: /var/chem/gcms/me.i/E022008I.b/eicb208.d
Level 9: /var/chem/gcms/me.i/E022008I.b/eicb209.d

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
7 Chlorodifluoromethane	1.04409	0.93614	0.91334	0.54638	0.81424	0.80610					
	0.59078	0.66253	+++++				AVRG		0.78920		22.32295
8 Propene	+++++	1.36552	1.38361	1.00317	1.39786	1.19170					
	0.89745	1.00857	+++++				AVRG		1.17827		17.80094
9 Dichlorodifluoromethane	8.69579	8.70216	8.33556	6.03106	9.12082	8.06755					
	5.67478	6.49240	10.42831				AVRG		7.94983		19.77970

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Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
10 Chloromethane	+++++	0.65629	0.53054	0.35916	0.52888	0.46842					
	0.33654	0.39317	+++++				AVRG		0.46757		24.35319
11 1,2-Dichlorotetrafluoroethane	4.16103	3.95405	3.88094	2.53633	3.78463	3.51530					
	2.80298	3.27908	+++++				AVRG		3.48929		16.54116
12 Methanol	+++++	+++++	+++++	0.25666	0.34424	0.29000					
	0.20610	0.24157	+++++				AVRG		0.26771		19.54680
13 Vinyl Chloride	2.01334	1.90463	1.81062	1.25492	1.85451	1.71199					
	1.25150	1.41864	2.43440				AVRG		1.73940		22.08080
14 n-Butane	2.71887	2.49803	2.42182	1.54809	2.28354	2.16936					
	1.59382	1.82099	+++++				AVRG		2.13181		20.32408
15 1,3-Butadiene	1.34433	1.30218	1.25511	0.80322	1.16556	1.08543					
	0.84466	0.96417	+++++				AVRG		1.09558		18.91852
16 Bromomethane	2.48896	2.26366	1.93701	1.39199	1.95785	1.82169					
	1.38985	1.60668	+++++				AVRG		1.85721		21.14647

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Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
17 Chloroethane	0.95348	0.83185	0.77792	0.52320	0.74149	0.68241					
	0.55844	0.62838	+++++				AVRG		0.71215		20.20887
18 Vinyl Bromide	2.10847	2.04874	1.81941	1.36193	1.89440	1.67420					
	1.35273	1.56482	+++++				AVRG		1.72809		16.77197
19 2-methyl butane	+++++	1.71550	1.92294	1.21620	1.65928	1.47844					
	1.22094	1.38764	+++++				AVRG		1.51442		17.48591
20 Trichlorofluoromethane	9.03029	8.51439	8.36534	5.68033	7.64154	6.86702					
	5.55850	6.07342	9.65858				AVRG		7.48771		20.20688
21 Acrolein	+++++	0.49047	0.48563	0.33816	0.47255	0.34379					
	0.26945	0.30469	+++++				AVRG		0.38639		24.23077
22 Acetonitrile	+++++	+++++	0.48680	0.36893	0.48305	0.35870					
	0.27074	0.32897	+++++				AVRG		0.38287		22.49675
23 Acetone	+++++	+++++	+++++	0.39271	0.61495	0.48419					
	0.34394	0.41025	+++++				AVRG		0.44921		23.47694

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Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
24 Pentane	+++++	+++++	0.28538	0.16303	0.26435	0.23077					
	0.19992	0.21836	+++++				AVRG		0.22697		19.42250
25 Isopropyl Alcohol	3.26075	2.40279	2.80709	1.73860	2.91800	2.32095					
	1.93652	2.19354	+++++				AVRG		2.44728		21.05301
26 Ethyl Ether	1.26724	1.21961	1.30600	0.86712	1.27229	0.98309					
	0.73857	0.83908	+++++				AVRG		1.06163		21.63343
27 1,1-Dichloroethene	1.69101	1.24562	1.33484	0.94467	1.33640	1.09123					
	0.92304	1.00022	+++++				AVRG		1.19588		21.74732
28 Acrylonitrile	+++++	+++++	0.73103	0.52293	0.71224	0.55199					
	0.42297	0.47229	+++++				AVRG		0.56891		22.21400
29 tert-butanol	+++++	3.23260	3.47926	2.98754	4.28530	3.32895					
	2.82218	3.09449	+++++				AVRG		3.31862		14.42029
30 1,1,2-Trichlorotrifluoroethan	3.36805	3.16699	3.26470	2.37764	3.04566	2.56800					
	2.28700	2.49809	3.66084				AVRG		2.91522		16.89978

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Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
31 Methylene Chloride	+++++	1.62886	1.42535	0.80710	1.03334	0.97325					
	0.84730	0.92962	+++++				AVRG		1.09212		28.57392
32 3-Chloropropene	2.33342	1.89422	1.74098	1.11636	1.41161	1.28898					
	1.26262	1.41566	+++++				AVRG		1.55798		25.94964
33 Carbon Disulfide	5.18979	4.93747	4.82148	3.42716	4.50435	4.09725					
	3.29085	3.60318	6.65766				AVRG		4.50324		23.56041
34 trans-1,2-Dichloroethene	1.48273	1.46190	1.40085	1.05135	1.40685	1.18671					
	1.05416	1.14828	+++++				AVRG		1.27410		14.34835
35 Methyl-t-Butyl Ether	3.79091	3.69298	4.20981	3.28584	4.64891	3.51078					
	2.63079	3.01188	+++++				AVRG		3.59774		17.91833
36 1,1-Dichloroethane	2.55658	2.65775	2.98214	1.74921	2.38791	2.05171					
	1.97755	2.23125	2.53601				AVRG		2.34779		16.32850
37 Vinyl Acetate	1.90244	1.99150	2.44914	1.89423	2.90449	2.28442					
	1.71337	1.93262	+++++				AVRG		2.13403		18.27345

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Target Version : 3.50
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Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
38 Hexane	1.20413	1.17866	1.12978	0.82198	1.14955	0.94929					
	0.81235	0.90187	+++++				AVRG		1.01845		16.14162
39 2-Butanone	+++++	0.38097	0.43604	0.38863	0.57437	0.46155					
	0.36633	0.42485	+++++				AVRG		0.43325		16.32006
40 cis 1,2-Dichloroethene	1.08241	1.18386	1.30131	0.81407	1.13980	0.97716					
	0.92155	1.04494	0.95344				AVRG		1.04650		14.20939
41 Ethyl Acetate	+++++	0.28030	0.28291	0.24245	0.35281	0.28095					
	0.22159	0.25439	+++++				AVRG		0.27363		15.29171
42 Chloroform	3.88739	4.01106	4.25577	2.57047	3.67026	3.19315					
	2.98025	3.35955	3.83018				AVRG		3.52868		15.39569
43 Tetrahydrofuran	+++++	0.91374	1.09050	0.81380	1.17000	0.93073					
	0.70395	0.82195	+++++				AVRG		0.92067		17.69767
44 1,1,1-Trichloroethane	4.84221	5.12162	5.38989	3.25352	4.62718	3.97384					
	3.79563	4.29186	4.81851				AVRG		4.45714		15.39460

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Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
45 1,2-Dichloroethane	0.54106	0.55506	0.64352	0.39055	0.56810	0.45827					
	0.40310	0.50684	0.62549				AVRG		0.52133		17.25834
46 Benzene	0.64257	0.69550	0.74222	0.45515	0.65663	0.53106					
	0.50286	0.64498	0.86087				AVRG		0.63687		19.81285
47 1-Butanol	+++++	1838	4018	24277	65481	107316					
	220169	+++++	+++++				QUAD	0.06616	6.96418	8.83289	0.99624
48 Cyclohexane	+++++	0.13261	0.15027	0.09789	0.14294	0.12813					
	0.11655	0.13574	+++++				AVRG		0.12916		13.51764
49 Carbon Tetrachloride	1.21052	1.15061	1.21672	0.83410	1.20476	1.06590					
	0.97907	1.12596	1.33141				AVRG		1.12434		13.14562
50 2,2,4-trimethylpentane	1.13664	1.18732	1.26922	0.80567	1.16869	1.04210					
	0.99854	1.15887	+++++				AVRG		1.09588		13.17500
51 Heptane	0.44478	0.44095	0.45908	0.31199	0.46034	0.40535					
	0.37257	0.43136	+++++				AVRG		0.41580		12.30574

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Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
52 1,2-Dichloropropane	0.19531	0.22411	0.24651	0.16510	0.24005	0.19319					
	0.16043	0.20481	+++++				AVRG		0.20369		15.65161
53 Trichloroethene	0.30784	0.29532	0.28555	0.20631	0.30776	0.28252					
	0.26004	0.29921	0.30548				AVRG		0.28334		11.54821
54 Dibromomethane	0.37282	0.40428	0.44024	0.26766	0.40524	0.34501					
	0.32805	0.39889	0.45391				AVRG		0.37957		15.38158
55 Bromodichloromethane	0.76317	0.82881	0.88942	0.55553	0.83775	0.71967					
	0.70296	0.86472	0.85119				AVRG		0.77925		13.62436
56 1,4-dioxane	0.10004	0.10311	0.14591	0.10972	0.17129	0.14876					
	0.12599	0.14559	+++++				AVRG		0.13130		19.49563
57 Methyl Methacrylate	0.22762	0.24978	0.29087	0.22737	0.36731	0.31200					
	0.27031	0.31891	0.28969				AVRG		0.28376		16.13272
58 4-Methyl-2-pentanone	4116	8776	19482	129835	306850	508395					
	1049153	1639638	+++++				LINR	0.03355	0.51342		0.99179

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Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	16 Level 7	24 Level 8	0.0360 Level 9									
59 cis-1,3-Dichloropropene	0.36135	0.38074	0.45442	0.29754	0.45317	0.37121						
	0.32550	0.41848	0.47265				AVRG		0.39278		15.50716	
60 trans-1,3-Dichloropropene	0.54167	0.47988	0.55073	0.38853	0.57216	0.44193						
	0.37576	0.46099	0.67207				AVRG		0.49819		19.07668	
61 Toluene	1.14552	1.18582	1.34532	0.56458	0.81503	0.62085						
	0.52638	0.65457	+++++				AVRG		0.85726		37.49304	<-
62 1,1,2-Trichloroethane	0.26895	0.26193	0.30637	0.20436	0.29912	0.23079						
	0.19768	0.24416	0.29756				AVRG		0.25677		15.79902	
63 2-Hexanone	1375	2930	7656	56877	142571	227999						
	484033	+++++	+++++				QUAD	0.03672	3.32525	1.90166	0.99560	
64 Octane	+++++	0.25777	0.30133	0.19356	0.28061	0.23432						
	0.23868	0.29685	+++++				AVRG		0.25759		15.02213	
65 Dibromochloromethane	0.55620	0.58644	0.65907	0.47048	0.72834	0.58674						
	0.58547	0.76363	0.64929				AVRG		0.62063		14.47924	

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Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
66 1,2-Dibromoethane	0.38936	0.42187	0.44498	0.33322	0.50266	0.38908					
	0.34570	0.43859	0.48470				AVRG		0.41668		13.90026
67 Tetrachloroethene	0.34872	0.36964	0.37312	0.24591	0.36524	0.30289					
	0.30537	0.37718	0.40706				AVRG		0.34390		14.48831
68 Chlorobenzene	0.55864	0.54936	0.63865	0.44559	0.64137	0.50870					
	0.45267	0.56642	0.66045				AVRG		0.55798		14.20497
69 Ethylbenzene	1.03822	0.96639	1.12929	0.87633	1.26584	0.97465					
	0.84349	0.99750	+++++				AVRG		1.01147		13.44008
70 m&p-Xylene	0.77841	0.81807	0.92941	0.75592	1.08857	0.84342					
	0.73753	0.87301	0.97731				AVRG		0.86685		13.22199
71 Bromoform	0.56951	0.56214	0.70556	0.55616	0.86625	0.69748					
	0.66076	0.83319	0.66836				AVRG		0.67993		16.52992
72 Nonane	0.41862	0.42934	0.53869	0.40617	0.57278	0.44771					
	0.41952	0.50919	+++++				AVRG		0.46775		13.56710

Report Date : 22-Feb-2008 13:25

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 20-FEB-2008 18:40
End Cal Date : 21-FEB-2008 00:24
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
73 Styrene	0.37757	0.41698	0.50050	0.44216	0.67000	0.52752					
	0.48531	0.59977	+++++				AVRG		0.50248		19.17855
74 o-Xylene	0.86935	0.82796	0.96617	0.78785	1.12888	0.87069					
	0.75364	0.87973	1.05333				AVRG		0.90418		13.63069
75 1,1,2,2-Tetrachloroethane	0.51718	0.53995	0.64461	0.49644	0.73456	0.56503					
	0.50724	0.58965	0.66278				AVRG		0.58416		13.92057
76 1,2,3-Trichloropropane	0.16775	0.17951	0.20679	0.16610	0.25129	0.19128					
	0.17288	0.19917	+++++				AVRG		0.19185		14.69853
77 Cumene	1.11351	1.09167	1.26440	1.06066	1.51552	1.15008					
	1.03074	1.20431	1.50897				AVRG		1.21554		15.02333
78 n-Propylbenzene	0.18096	0.21832	0.26791	0.23480	0.35356	0.27020					
	0.24961	0.29984	0.26502				AVRG		0.26002		18.86921
79 2-chlorotoluene	0.18472	0.22732	0.26085	0.20400	0.29789	0.23375					
	0.21507	0.26161	0.25363				AVRG		0.23765		14.54729

Report Date : 22-Feb-2008 13:25

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 20-FEB-2008 18:40
End Cal Date : 21-FEB-2008 00:24
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
80 4-Ethyltoluene	0.92910	0.99737	1.20805	1.02723	1.54158	1.17502					
	1.05912	1.24105	1.25837				AVRG		1.15965		15.89905
81 1,3,5-Trimethylbenzene	0.31529	0.33440	0.39337	0.34368	0.51012	0.38590					
	0.35764	0.42382	0.43867				AVRG		0.38921		15.68918
82 Alpha-Methylstyrene	+++++	0.33004	0.35577	0.32180	0.50763	0.39980					
	0.37532	0.44579	+++++				AVRG		0.39088		17.05810
83 Decane	+++++	0.54147	0.65414	0.49571	0.73648	0.56416					
	0.51882	0.60259	+++++				AVRG		0.58762		14.35120
84 Tert-butylbenzene	0.85005	0.94088	1.07477	0.87804	1.33310	1.02503					
	0.97709	1.18742	1.06379				AVRG		1.03669		14.69400
85 1,2,4-Trimethylbenzene	0.88937	0.90680	1.12689	0.89347	1.34922	1.06021					
	0.99630	1.18889	1.16631				AVRG		1.06416		14.86751
86 sec-butylbenzene	1.18322	1.21553	1.48382	1.18860	1.79813	1.39213					
	1.32184	1.58602	1.53919				AVRG		1.41205		14.81459

Report Date : 22-Feb-2008 13:25

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 20-FEB-2008 18:40
End Cal Date : 21-FEB-2008 00:24
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
87 1,3-Dichlorobenzene	0.56270	0.53916	0.61204	0.47517	0.74249	0.58090					
	0.58046	0.73116	0.74065				AVRG		0.61830		15.74751
88 Benzyl Chloride	0.90308	0.94377	1.05015	0.86777	1.34351	1.06850					
	1.02535	1.23807	1.38065				AVRG		1.09121		17.22362
89 1,4-Dichlorobenzene	0.51718	0.53011	0.61713	0.47174	0.72490	0.56604					
	0.55863	0.70687	0.71624				AVRG		0.60098		15.77200
90 p-Cymene	1.01150	1.05706	1.25403	0.99231	1.49195	1.14206					
	1.08877	1.29662	1.39901				AVRG		1.19259		14.86527
91 1,2-Dichlorobenzene	0.59095	0.54647	0.64221	0.45788	0.68757	0.53295					
	0.50817	0.61762	0.72601				AVRG		0.58998		14.77734
92 n-butylbenzene	1.12276	1.21595	1.37190	1.02706	1.55107	1.19246					
	1.12208	1.30932	1.53594				AVRG		1.27206		14.52552
93 Undecane	+++++	0.71782	0.84040	0.56628	0.82218	0.60909					
	0.55020	0.65902	+++++				AVRG		0.68071		17.23875

Report Date : 22-Feb-2008 13:25

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 20-FEB-2008 18:40
End Cal Date : 21-FEB-2008 00:24
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
94 Dodecane	+++++	+++++	0.92719	0.57251	0.85759	0.60791					
	0.49587	0.58714	+++++				AVRG		0.67470		25.82102
95 1,2,4-Trichlorobenzene	0.78299	0.71803	0.80762	0.47053	0.73856	0.56577					
	0.52681	0.65527	+++++				AVRG		0.65820		18.95643
96 Napthalene	11898	22408	48204	225130	582949	929000					
	1954600	3278835	6667				QUAD	0.000e+00	1.23750	-0.03974	0.99151
97 Hexachlorobutadiene	1.24337	1.22195	1.43108	0.74619	1.11741	0.83851					
	0.78568	0.94385	+++++				AVRG		1.04101		23.92569
98 1,2,3-trichlorobenzene	0.85309	0.85394	0.92339	0.47148	0.74850	0.55889					
	0.49960	0.61646	+++++				AVRG		0.69067		25.54922
99 ~ Thiophene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00
100 ~ 1,2,3-trimethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00

NA

Report Date : 22-Feb-2008 13:25

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 20-FEB-2008 18:40
End Cal Date : 21-FEB-2008 00:24
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	8 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	16 Level 7	24 Level 8	0.0360 Level 9								
101 ~ Indane	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00
102 ~ Indene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00
103 ~ 2-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00
104 ~ 1-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00
$ 4 1,2-Dichloroethane-d4	0.37063	0.37604	0.37236	0.35458	0.35137	0.35624					
	0.36877	0.36480	0.35561				AVRG		0.36338		2.49461
$ 5 Toluene-d8	1.19109	1.18693	1.19706	1.17805	1.14249	1.12487					
	1.12691	1.15079	1.19225				AVRG		1.16561		2.51399
$ 6 4-Bromofluorobenzene	1.08667	1.10426	1.09050	1.09159	1.12312	1.15280					
	1.16757	1.17715	1.04351				AVRG		1.11524		3.92081

NA

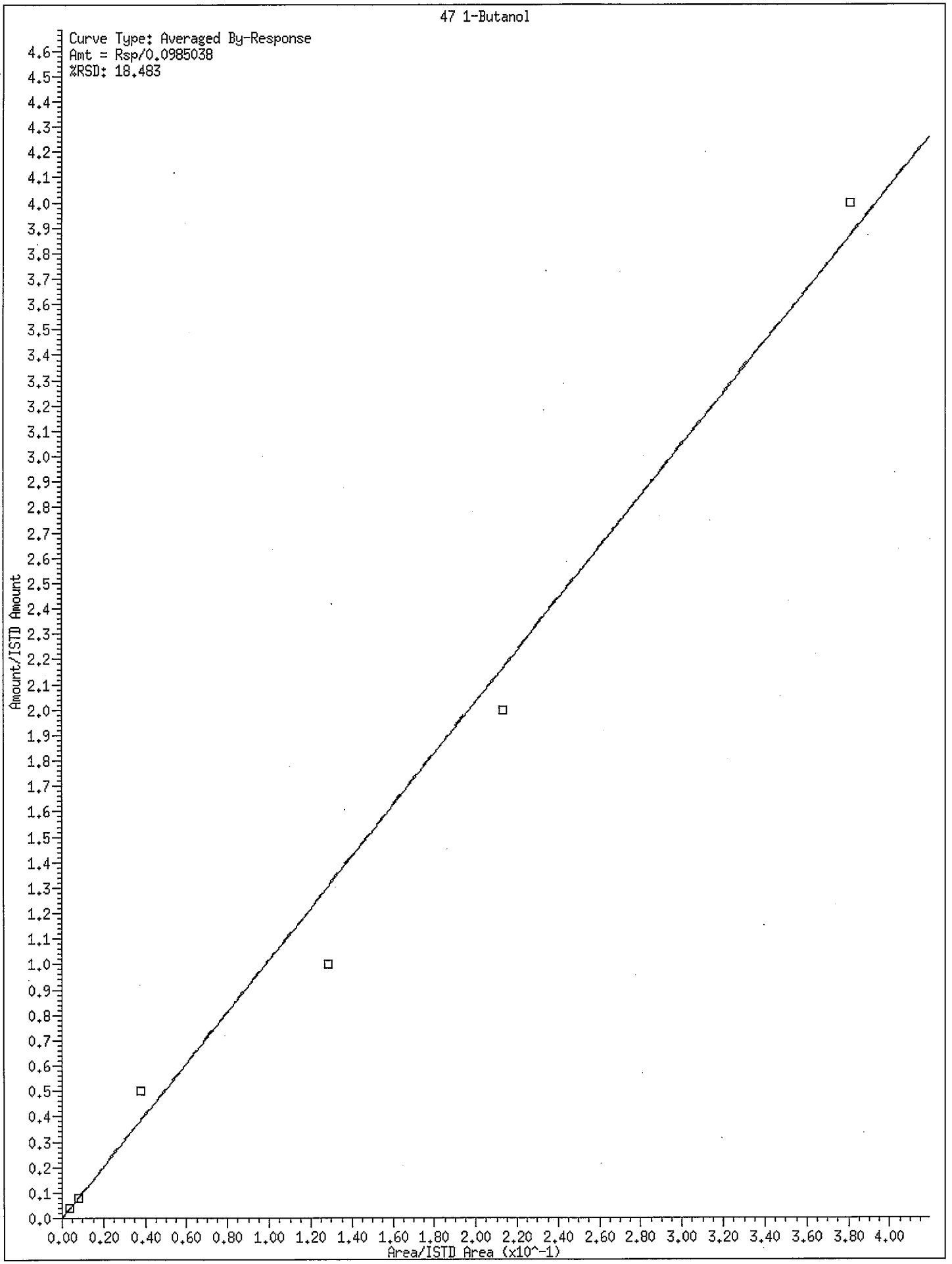
Report Date : 22-Feb-2008 13:25

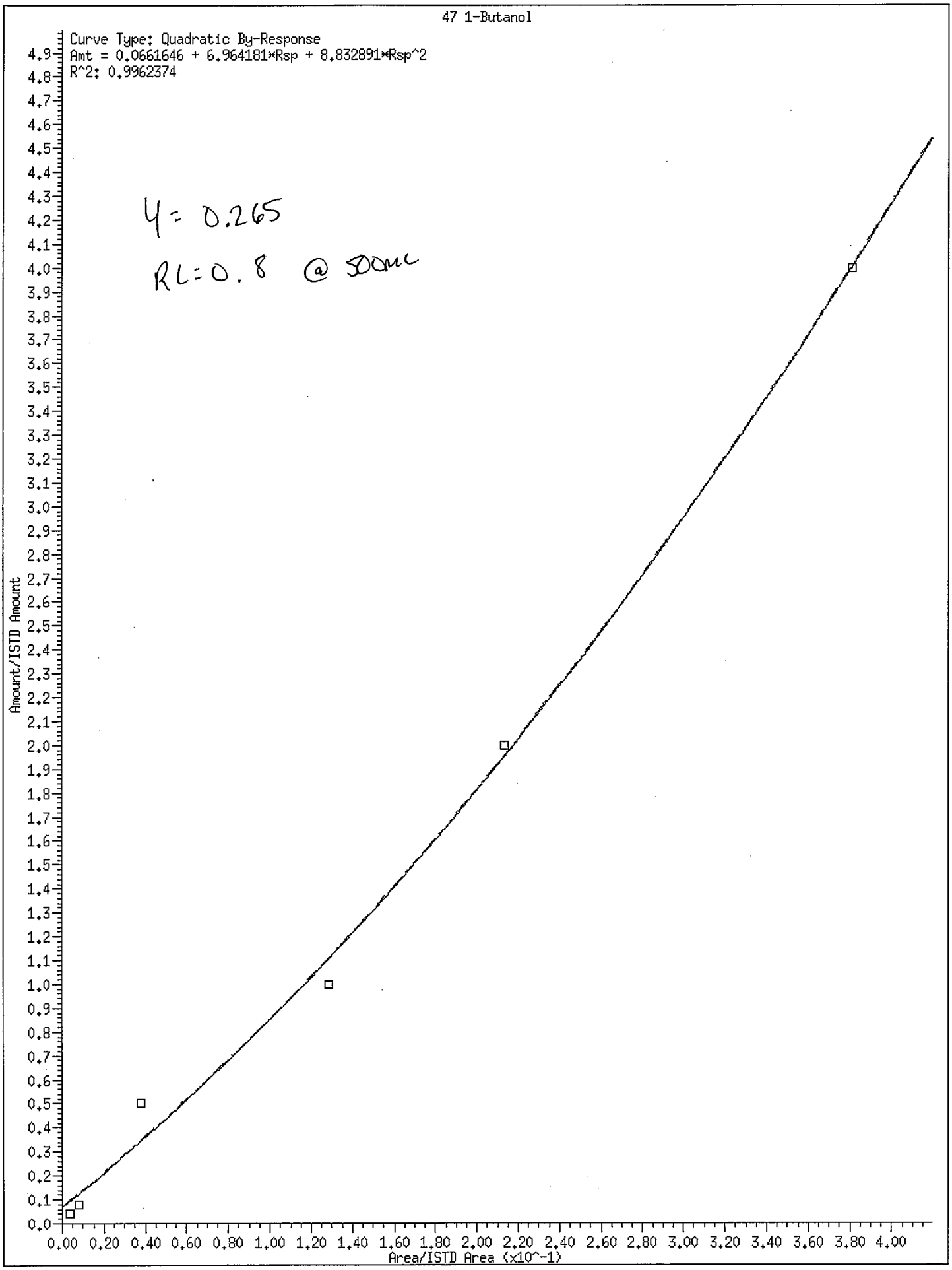
TestAmerica Knoxville

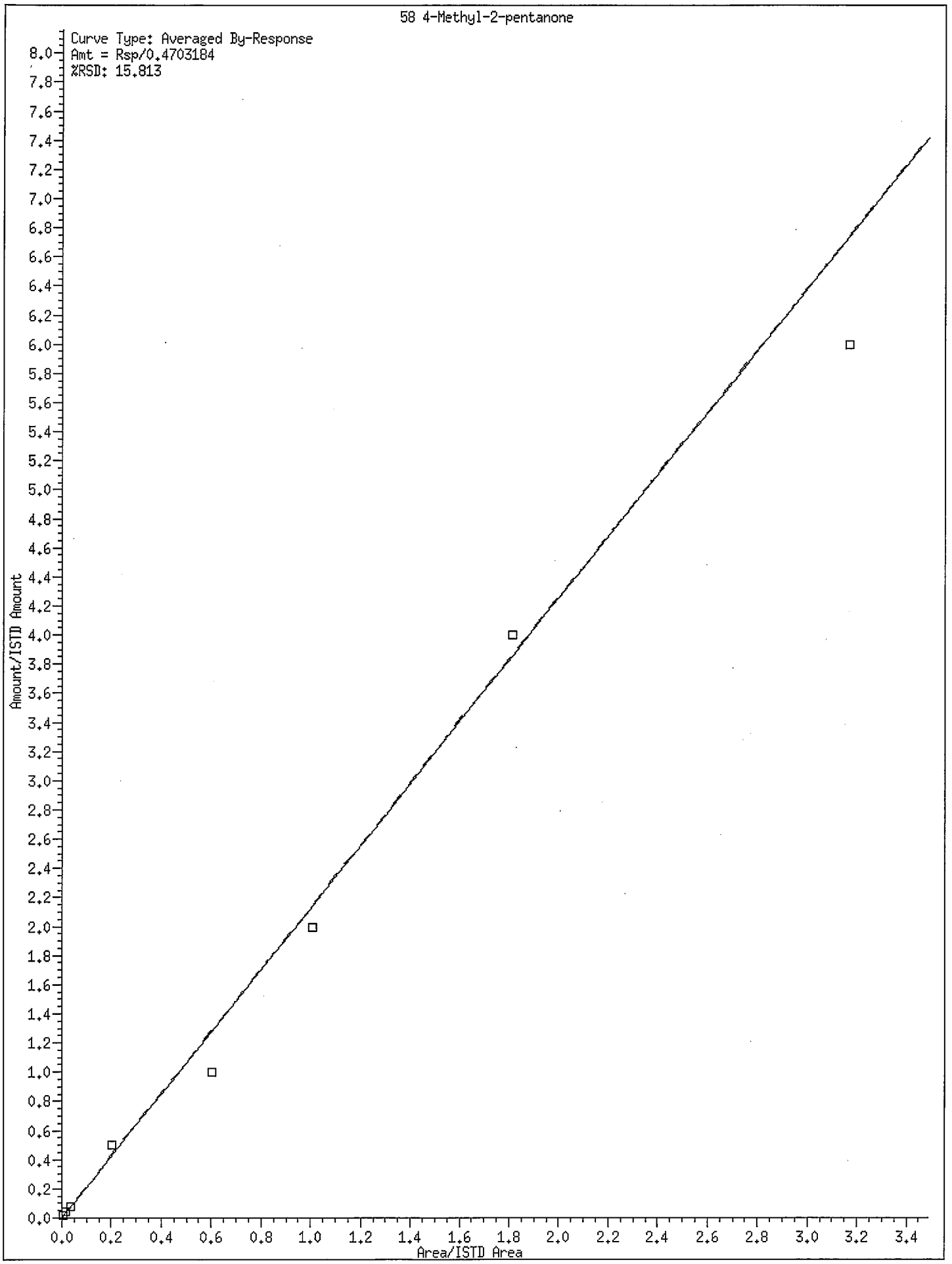
INITIAL CALIBRATION DATA

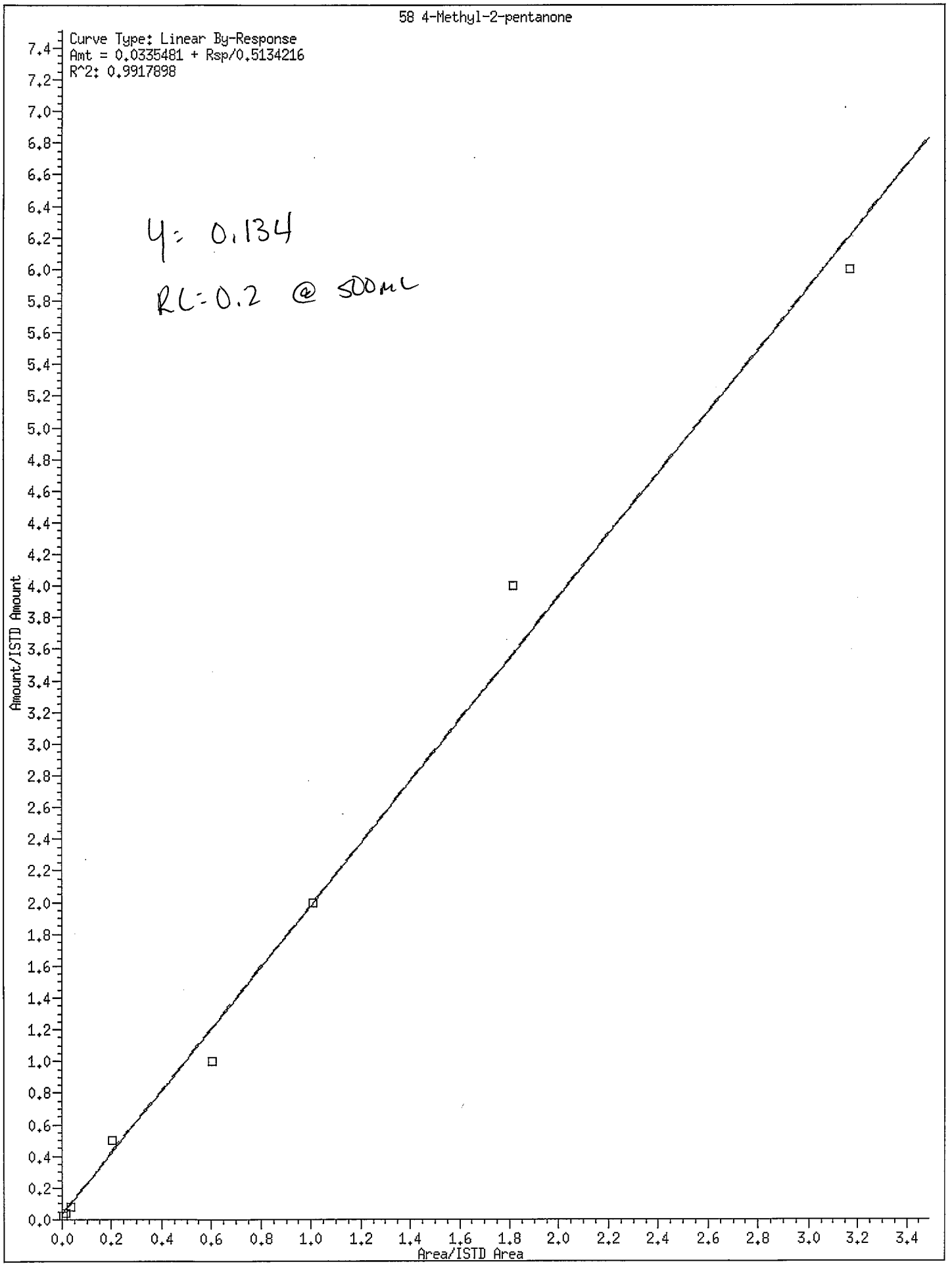
Start Cal Date : 20-FEB-2008 18:40
End Cal Date : 21-FEB-2008 00:24
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/me.i/E022008I.b/TO155.m
Cal Date : 22-Feb-2008 13:11 wilesd

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response


47 1-Butanol
Curve Type: Averaged By-Response
Amt = Rsp/0.0985038
%RSD: 18.483
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4.0 4.1 4.2 4.3 4.4 4.5 4.6
0.00 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.20 2.40 2.60 2.80 3.00 3.20 3.40 3.60 3.80 4.00

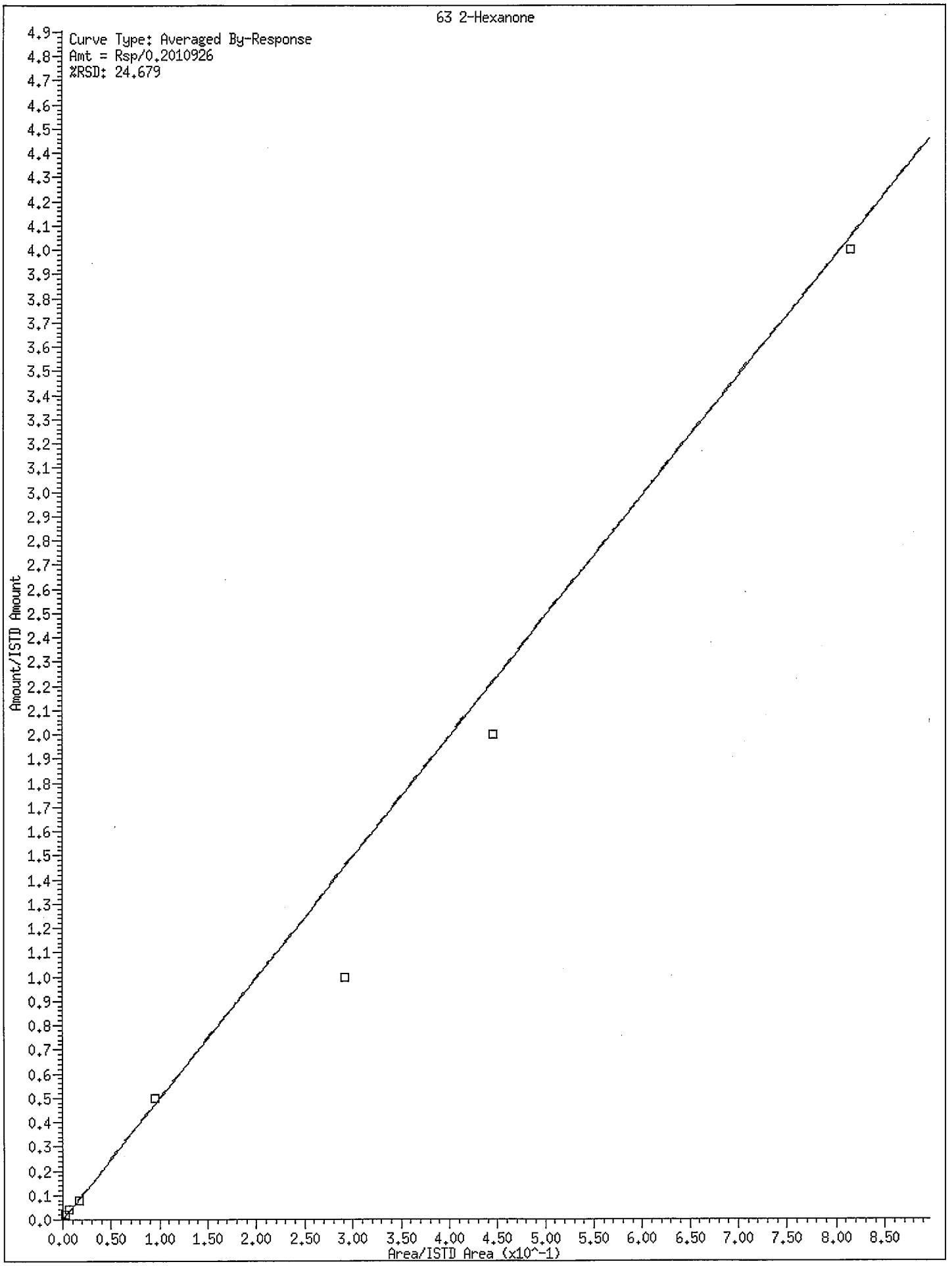

47 1-Butanol
Curve Type: Quadratic By-Response
Amt = 0.0661646 + 6.964181*Rsp + 8.832891*Rsp^2
R^2: 0.9962374
Y= 0.265
RL=0.8 @ 500nL
Amount/ISTD Amount
Area/ISTD Area (x10^-1)

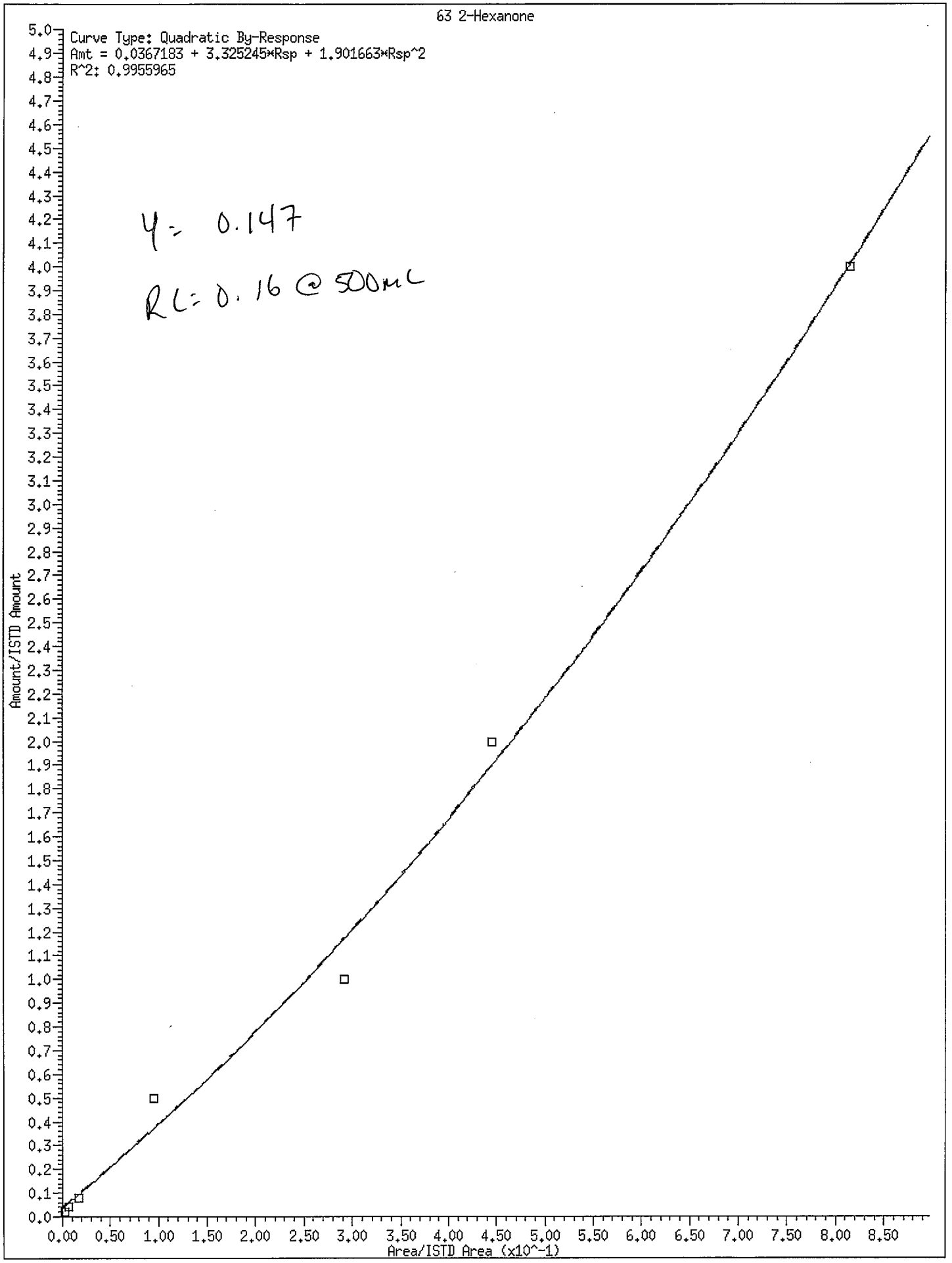

58 4-Methyl-2-pentanone
Curve Type: Averaged By-Response
Amt = Rsp/0.4703184
%RSD: 15.813
Amount/ISTD Amount
Area/ISTD Area
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2
4.4
4.6
4.8
5.0
5.2
5.4
5.6
5.8
6.0
6.2
6.4
6.6
6.8
7.0
7.2
7.4
7.6
7.8
8.0

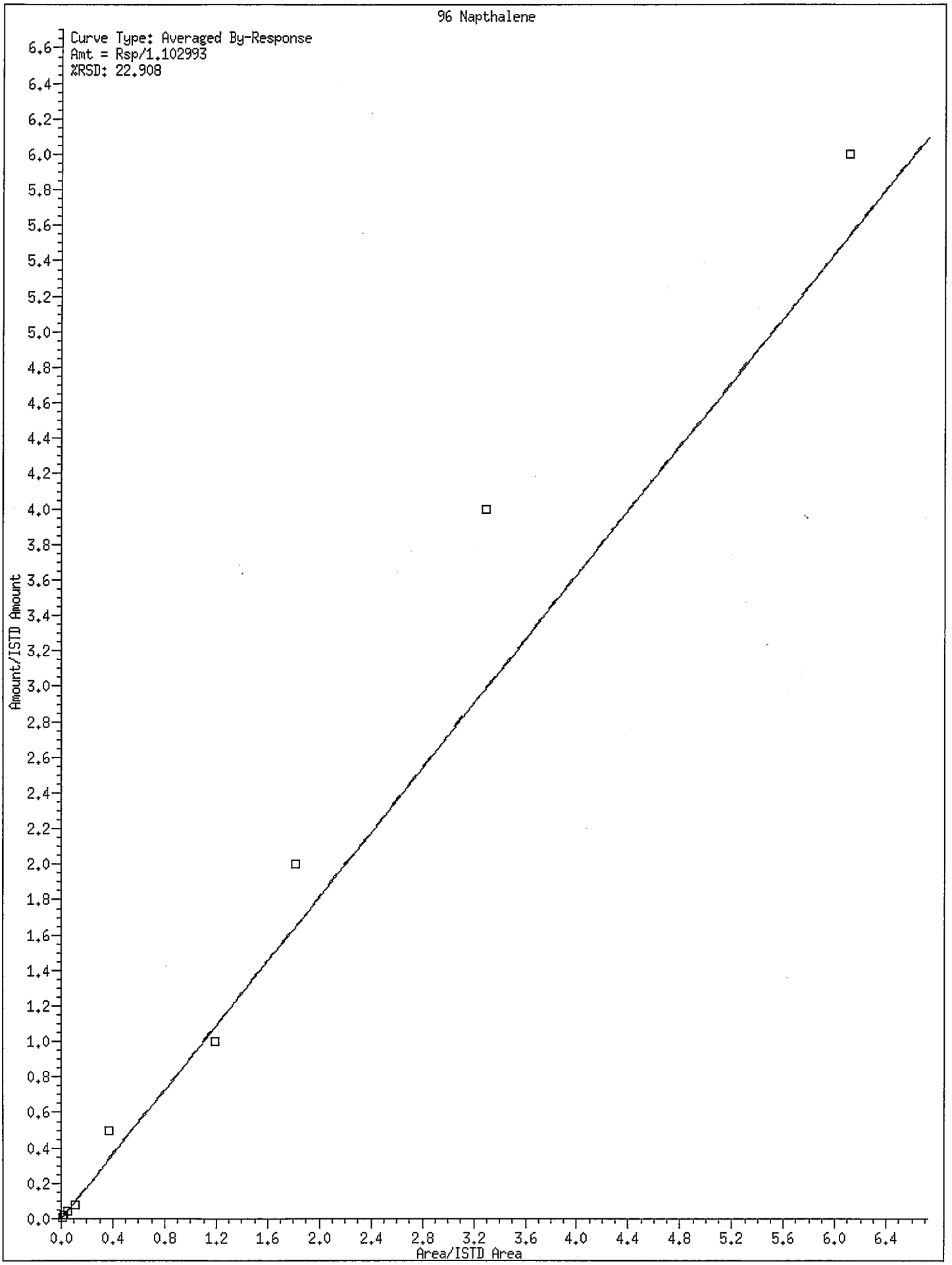


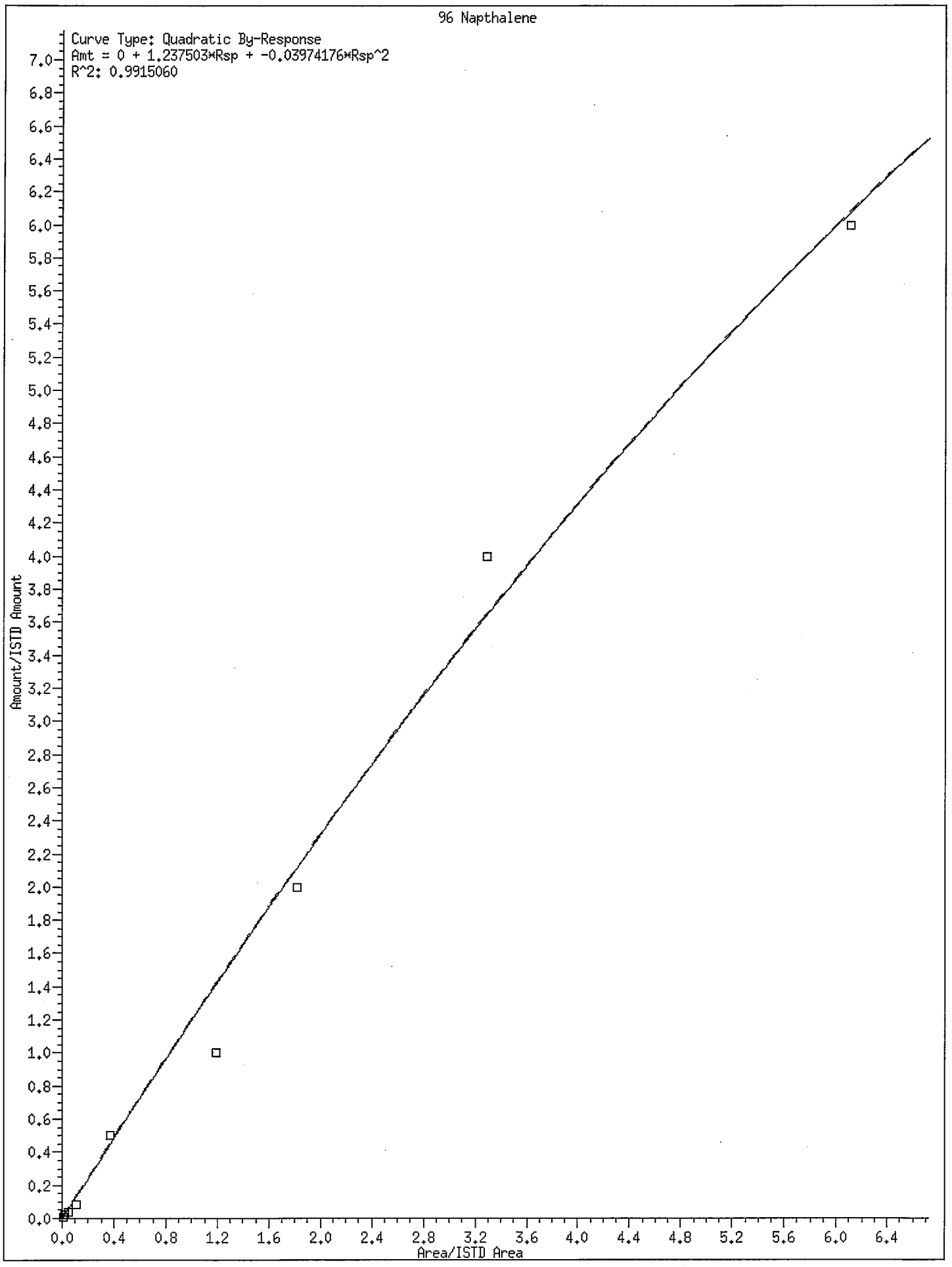
y = 0.134

RL = 0.2 @ 500mL


63 2-Hexanone
Curve Type: Averaged By-Response
Amt = Rsp/0.2010926
%RSD: 24.679
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
4.0
4.1
4.2
4.3
4.4
4.5
4.6
4.7
4.8
4.9
0.00
0.50
1.00
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00
6.50
7.00
7.50
8.00
8.50


63 2-Hexanone
Curve Type: Quadratic By-Response
Amt = 0.0367183 + 3.325245*Rsp + 1.901663*Rsp^2
R^2: 0.9955965
Y= 0.147
RL= 0.16 @ 500mL
Amount/ISTD Amount
Area/ISTD Area (x10^-1)


96 Napthalene
Curve Type: Averaged By-Response
Amt = Rsp/1.102993
%RSD: 22.908
Amount/ISTD Amount
Area/ISTD Area
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2
4.4
4.6
4.8
5.0
5.2
5.4
5.6
5.8
6.0
6.2
6.4
6.6


96 Napthalene
Curve Type: Quadratic By-Response
Amt = 0 + 1.237503*Rsp + -0.03974176*Rsp^2
R^2: 0.9915060
Amount/ISTD Amount
Area/ISTD Area
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2
4.4
4.6
4.8
5.0
5.2
5.4
5.6
5.8
6.0
6.2
6.4
6.6
6.8
7.0

Data File: /var/chem/gcms/me.i/E022008I.b/eicb209.d
Report Date: 21-Feb-2008 15:32

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/eicb209.d
Lab Smp Id: EICAL9 Client Smp ID: STD
Inj Date : 20-FEB-2008 18:40
Operator : 7126 Inst ID: me.i
Smp Info : EICAL9I,,1,9,,STD
Misc Info : E022008,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 21-Feb-2008 15:31 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 4 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	8.443	8.443	(1.000)	108263	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.638	10.638	(1.000)	527760	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.426	15.426	(1.000)	477956	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.422	9.422	(0.886)	187677	4.00000	3.914
$	5 Toluene-d8	98	13.323	13.323	(0.864)	569845	4.00000	4.091
$	6 4-Bromofluorobenzene	95	17.083	17.083	(1.107)	498753	4.00000	3.743
	7 Chlorodifluoromethane	67	3.688	3.688	(0.437)	987	0.03600	0.04621
	8 Propene	41	3.693	3.693	(0.437)	1869	0.03600	0.05861
	9 Dichlorodifluoromethane	85	3.736	3.736	(0.442)	10161	0.03600	0.04722
	11 1,2-Dichlorotetrafluoroethane	135	3.914	3.914	(0.464)	4954	0.03600	0.05246
	13 Vinyl Chloride	62	4.048	4.048	(0.479)	2372	0.03600	0.05038
	14 n-Butane	43	4.134	4.134	(0.490)	3428	0.03600	0.05941
	15 1,3-Butadiene	54	4.129	4.129	(0.489)	1542	0.03600	0.05200
	16 Bromomethane	94	4.414	4.414	(0.523)	3399	0.03600	0.06762
	17 Chloroethane	64	4.543	4.543	(0.538)	1180	0.03600	0.06122
	18 Vinyl Bromide	106	4.817	4.817	(0.571)	2465	0.03600	0.05270

Data File: /var/chem/gcms/me.i/E022008I.b/eicb209.d
Report Date: 21-Feb-2008 15:32

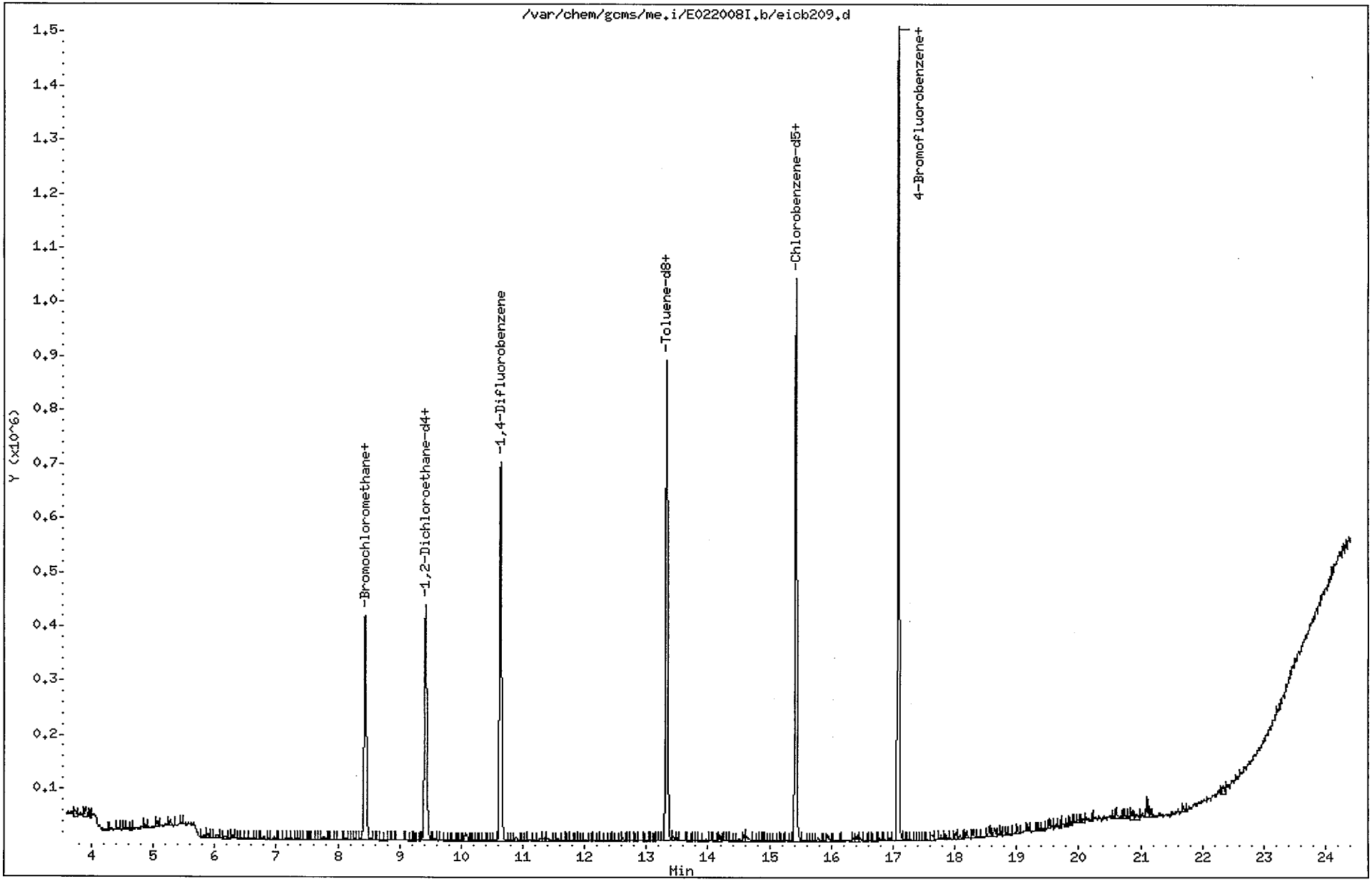
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
20 Trichlorofluoromethane	101	5.070	5.070	(0.600)	9411	0.03600	0.04644
24 Pentane	72	5.285	5.285	(0.626)	260	0.03600	0.04232
25 Isopropyl Alcohol	45	5.269	5.269	(0.624)	3092	0.03600	0.04668
26 Ethyl Ether	31	5.447	5.447	(0.645)	1890	0.03600	0.06578
27 1,1-Dichloroethene	96	5.710	5.710	(0.676)	2304	0.03600	0.07118
29 tert-butanol	59	5.829	5.829	(0.690)	3556	0.03600	0.03959
30 1,1,2-Trichlorotrifluoroethane	101	5.893	5.893	(0.698)	3567	0.03600	0.04521
31 Methylene Chloride	84	6.028	6.028	(0.714)	2559	0.03600	0.08657
32 3-Chloropropene	39	6.055	6.055	(0.717)	2988	0.03600	0.07086
33 Carbon Disulfide	76	6.178	6.178	(0.732)	6487	0.03600	0.05322
34 trans-1,2-Dichloroethene	96	6.808	6.808	(0.806)	1342	0.03600	0.03892
36 1,1-Dichloroethane	63	7.195	7.195	(0.852)	2471	0.03600	0.03889
38 Hexane	56	7.782	7.782	(0.922)	1169	0.03600	0.04241
40 cis 1,2-Dichloroethene	96	8.137	8.137	(0.964)	929	0.03600	0.03280
42 Chloroform	83	8.454	8.454	(1.001)	3732	0.03600	0.03908
43 Tetrahydrofuran	42	8.927	8.927	(1.057)	1043	0.03600	0.04186
44 1,1,1-Trichloroethane	97	9.471	9.471	(1.122)	4695	0.03600	0.03892
45 1,2-Dichloroethane	62	9.573	9.573	(0.900)	2971	0.03600	0.04319
48 Cyclohexane	69	10.079	10.079	(0.947)	588	0.03600	0.03450
46 Benzene	78	10.057	10.057	(0.945)	4089	0.03600	0.04866
47 1-Butanol	31	10.106	10.106	(0.950)	213	0.03600	0.2759
49 Carbon Tetrachloride	117	10.084	10.084	(0.948)	6324	0.03600	0.04263
50 2,2,4-trimethylpentane	57	10.896	10.896	(1.024)	6281	0.03600	0.04344
51 Heptane	43	11.278	11.278	(1.060)	2104	0.03600	0.03835
52 1,2-Dichloropropane	63	11.311	11.311	(1.063)	1002	0.03600	0.03728
53 Trichloroethene	130	11.343	11.343	(1.066)	1451	0.03600	0.03881
54 Dibromomethane	93	11.402	11.402	(1.072)	2156	0.03600	0.04305
55 Bromodichloromethane	83	11.563	11.563	(1.087)	4043	0.03600	0.03932
56 1,4-dioxane	88	11.644	11.644	(1.095)	549	0.03600	0.03169
57 methyl methacrylate	41	11.730	11.730	(1.103)	1376	0.03600	0.03675
58 4-Methyl-2-pentanone	43	12.596	12.596	(1.184)	1393	0.03600	0.1548
59 cis-1,3-Dichloropropene	75	12.602	12.602	(1.185)	2245	0.03600	0.04332
60 trans-1,3-Dichloropropene	75	13.317	13.317	(0.863)	2891	0.03600	0.04856
61 Toluene	91	13.441	13.441	(0.871)	6951	0.03600	0.06786
62 1,1,2-Trichloroethane	97	13.511	13.511	(0.876)	1280	0.03600	0.04172
63 2-Hexanone	58	13.968	13.968	(0.905)	637	0.03600	0.1646
64 Octane	85	14.189	14.189	(0.920)	1383	0.03600	0.04493
65 Dibromochloromethane	129	14.199	14.199	(0.920)	2793	0.03600	0.03766
66 1,2-Dibromoethane	107	14.495	14.495	(0.940)	2085	0.03600	0.04188
67 Tetrachloroethene	129	14.598	14.598	(0.946)	1751	0.03600	0.04261
68 Chlorobenzene	112	15.480	15.480	(1.003)	2841	0.03600	0.04261
69 Ethylbenzene	91	15.786	15.786	(1.023)	5282	0.03600	0.04370
70 m&p-Xylene	91	15.953	15.953	(1.034)	8408	0.07200	0.08117
72 Nonane	57	16.416	16.416	(1.064)	2238	0.03600	0.04004
71 Bromoform	173	16.357	16.357	(1.060)	2875	0.03600	0.03539
73 Styrene	104	16.410	16.410	(1.064)	1877	0.03600	0.03126
74 o-Xylene	91	16.470	16.470	(1.068)	4531	0.03600	0.04194

Data File: /var/chem/gcms/me.i/E022008I.b/eicb209.d
Report Date: 21-Feb-2008 15:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	ON-COL (ppb(v/v))
75	1,1,2,2-Tetrachloroethane	83	16.787	16.787	(1.088)	2851	0.03600	0.04084
76	1,2,3-Trichloropropane	110	16.943	16.943	(1.098)	964	0.03600	0.04205
77	Cumene	105	17.078	17.078	(1.107)	6491	0.03600	0.04469
78	n-Propylbenzene	120	17.621	17.621	(1.142)	1140	0.03600	0.03669
79	2-chlorotoluene	126	17.648	17.648	(1.144)	1091	0.03600	0.03842
80	4-Ethyltoluene	105	17.782	17.782	(1.153)	5413	0.03600	0.03906
81	1,3,5-Trimethylbenzene	120	17.858	17.858	(1.158)	1887	0.03600	0.04058
82	Alpha-Methylstyrene	118	18.083	18.083	(1.172)	1607	0.03600	0.03441
83	Decane	57	18.191	18.191	(1.179)	2994	0.03600	0.04264
84	tert-butylbenzene	119	18.288	18.288	(1.186)	4576	0.03600	0.03694
85	1,2,4-Trimethylbenzene	105	18.304	18.304	(1.187)	5017	0.03600	0.03946
86	sec-butylbenzene	105	18.568	18.568	(1.204)	6621	0.03600	0.03924
87	1,3-Dichlorobenzene	146	18.562	18.562	(1.203)	3186	0.03600	0.04312
88	Benzyl Chloride	91	18.632	18.632	(1.208)	5939	0.03600	0.04555
89	1,4-Dichlorobenzene	146	18.648	18.648	(1.209)	3081	0.03600	0.04290
90	p-Cymene	119	18.740	18.740	(1.215)	6018	0.03600	0.04223
91	1,2-Dichlorobenzene	146	19.009	19.009	(1.232)	3123	0.03600	0.04430
92	n-butylbenzene	91	19.181	19.181	(1.243)	6607	0.03600	0.04347
93	Undecane	57	19.536	19.536	(1.266)	3979	0.03600	0.04892
94	Dodecane	57	20.607	20.607	(1.336)	5172	0.03600	0.06415
95	1,2,4-Trichlorobenzene	180	20.730	20.730	(1.344)	4196	0.03600	0.05335
97	Hexachlorobutadiene	225	21.107	21.107	(1.368)	7725	0.03600	0.06210
98	1,2,3-trichlorobenzene	180	21.155	21.155	(1.371)	4579	0.03600	0.05548

Data File: /var/chem/gcms/me.i/E022008I.b/eicb209.d
Date : 20-FEB-2008 18:40
Client ID: STD
Sample Info: EICAL9I,,1,9,,STD
Purge Volume: 500.0
Column phase: HP-5

Instrument: me.i
Operator: 7126
Column diameter: 0.32



Data File: /var/chem/gcms/me.i/E022008I.b/eicb201.d
Report Date: 21-Feb-2008 15:32

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/eicb201.d
Lab Smp Id: EICAL1 Client Smp ID: STD 0.08
Inj Date : 20-FEB-2008 19:18
Operator : 7126 Inst ID: me.i
Smp Info : EICAL1,,1,1,,STD 0.08
Misc Info : E022008I,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 21-Feb-2008 15:31 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 19:18 Cal File: eicb201.d
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	8.438	8.443	(1.000)	110910	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.638	10.638	(1.000)	544765	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.421	15.426	(1.000)	492091	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.417	9.422	(0.885)	201905	4.00000	4.080
$	5 Toluene-d8	98	13.323	13.323	(0.864)	586125	4.00000	4.087
$	6 4-Bromofluorobenzene	95	17.083	17.083	(1.108)	534742	4.00000	3.898
	7 Chlorodifluoromethane	67	3.677	3.688	(0.436)	2316	0.08000	0.1058
	8 Propene	41	3.688	3.693	(0.437)	3596	0.08000	0.1101
	9 Dichlorodifluoromethane	85	3.736	3.736	(0.443)	19289	0.08000	0.08751
	10 Chloromethane	52	3.898	3.892	(0.462)	2486	0.08000	0.1918
	11 1,2-Dichlorotetrafluoroethane	135	3.903	3.914	(0.463)	9230	0.08000	0.09540
	13 Vinyl Chloride	62	4.043	4.048	(0.479)	4466	0.08000	0.09260
	14 n-Butane	43	4.134	4.134	(0.490)	6031	0.08000	0.1020
	15 1,3-Butadiene	54	4.129	4.129	(0.489)	2982	0.08000	0.09816
	16 Bromomethane	94	4.409	4.414	(0.522)	5521	0.08000	0.1072
	17 Chloroethane	64	4.538	4.543	(0.538)	2115	0.08000	0.1071

Data File: /var/chem/gcms/me.i/E022008I.b/eicb201.d
Report Date: 21-Feb-2008 15:32

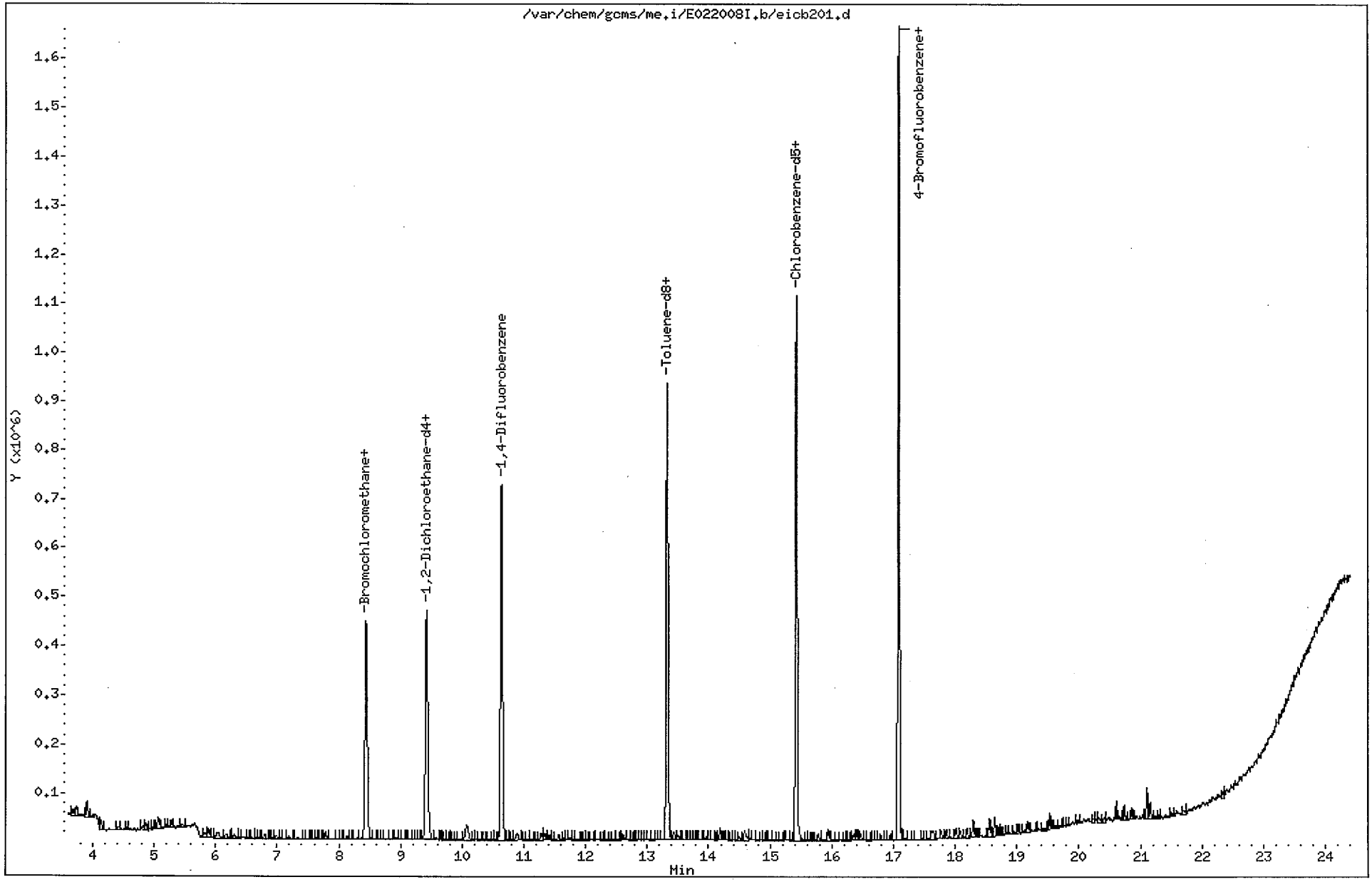
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
18	Vinyl Bromide	106	4.812	4.817	(0.570)	4677	0.08000	0.09761
20	Trichlorofluoromethane	101	5.070	5.070	(0.601)	20031	0.08000	0.09648
21	Acrolein	56	5.076	5.081	(0.602)	1673	0.08000	0.1562
24	Pentane	72	5.275	5.285	(0.625)	469	0.08000	0.07452
25	Isopropyl Alcohol	45	5.264	5.269	(0.624)	7233	0.08000	0.1066
26	Ethyl Ether	31	5.447	5.447	(0.646)	2811	0.08000	0.09549
27	1,1-Dichloroethene	96	5.705	5.710	(0.676)	3751	0.08000	0.1131
28	Acrylonitrile	53	5.813	5.823	(0.689)	1602	0.08000	0.1016
29	tert-butanol	59	5.818	5.829	(0.690)	7054	0.08000	0.07666
30	1,1,2-Trichlorotrifluoroethane	101	5.893	5.893	(0.698)	7471	0.08000	0.09243
31	Methylene Chloride	84	6.023	6.028	(0.714)	4713	0.08000	0.1556
32	3-Chloropropene	39	6.055	6.055	(0.718)	5176	0.08000	0.1198
33	Carbon Disulfide	76	6.173	6.178	(0.732)	11512	0.08000	0.09220
34	trans-1,2-Dichloroethene	96	6.786	6.808	(0.804)	3289	0.08000	0.09310
35	Methyl-t-Butyl Ether	73	6.975	6.969	(0.827)	8409	0.08000	0.08430
36	1,1-Dichloroethane	63	7.195	7.195	(0.853)	5671	0.08000	0.08711
37	Vinyl Acetate	43	7.319	7.330	(0.867)	4220	0.08000	0.07132
38	Hexane	56	7.782	7.782	(0.922)	2671	0.08000	0.09458
40	cis 1,2-Dichloroethene	96	8.142	8.137	(0.965)	2401	0.08000	0.08274
42	Chloroform	83	8.454	8.454	(1.002)	8623	0.08000	0.08813
43	Tetrahydrofuran	42	8.938	8.927	(1.059)	1811	0.08000	0.07094
44	1,1,1-Trichloroethane	97	9.471	9.471	(1.122)	10741	0.08000	0.08691
45	1,2-Dichloroethane	62	9.568	9.573	(0.899)	5895	0.08000	0.08303
48	Cyclohexane	69	10.068	10.079	(0.946)	1142	0.08000	0.06492
46	Benzene	78	10.063	10.057	(0.946)	7001	0.08000	0.08072
47	1-Butanol	31	10.084	10.106	(0.948)	705	0.08000	0.3008
49	Carbon Tetrachloride	117	10.084	10.084	(0.948)	13189	0.08000	0.08613
50	2,2,4-trimethylpentane	57	10.886	10.896	(1.023)	12384	0.08000	0.08298
51	Heptane	43	11.273	11.278	(1.060)	4846	0.08000	0.08558
52	1,2-Dichloropropane	63	11.300	11.311	(1.062)	2128	0.08000	0.07671
53	Trichloroethene	130	11.343	11.343	(1.066)	3354	0.08000	0.08692
54	Dibromomethane	93	11.413	11.402	(1.073)	4062	0.08000	0.07858
55	Bromodichloromethane	83	11.569	11.563	(1.087)	8315	0.08000	0.07835
56	1,4-dioxane	88	11.650	11.644	(1.095)	1090	0.08000	0.06096
57	methyl methacrylate	41	11.730	11.730	(1.103)	2480	0.08000	0.06417
58	4-Methyl-2-pentanone	43	12.607	12.596	(1.185)	4116	0.08000	0.1930
59	cis-1,3-Dichloropropene	75	12.607	12.602	(1.185)	3937	0.08000	0.07360
60	trans-1,3-Dichloropropene	75	13.323	13.317	(0.864)	5331	0.08000	0.08698
61	Toluene	91	13.441	13.441	(0.872)	11274	0.08000	0.1069
62	1,1,2-Trichloroethane	97	13.500	13.511	(0.875)	2647	0.08000	0.08380
63	2-Hexanone	58	13.963	13.968	(0.905)	1375	0.08000	0.1841
64	Octane	85	14.183	14.189	(0.920)	2391	0.08000	0.07545
65	Dibromochloromethane	129	14.199	14.199	(0.921)	5474	0.08000	0.07169
66	1,2-Dibromoethane	107	14.495	14.495	(0.940)	3832	0.08000	0.07475
67	Tetrachloroethene	129	14.598	14.598	(0.947)	3432	0.08000	0.08112
68	Chlorobenzene	112	15.469	15.480	(1.003)	5498	0.08000	0.08009
69	Ethylbenzene	91	15.781	15.786	(1.023)	10218	0.08000	0.08212

Data File: /var/chem/gcms/me.i/E022008I.b/eicb201.d
Report Date: 21-Feb-2008 15:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
70	m&p-Xylene	91	15.942	15.953	(1.034)	15322	0.16000	0.1437
72	Nonane	57	16.416	16.416	(1.065)	4120	0.08000	0.07160
71	Bromoform	173	16.357	16.357	(1.061)	5605	0.08000	0.06701
73	Styrene	104	16.405	16.410	(1.064)	3716	0.08000	0.06011
74	o-Xylene	91	16.470	16.470	(1.068)	8556	0.08000	0.07692
75	1,1,2,2-Tetrachloroethane	83	16.776	16.787	(1.088)	5090	0.08000	0.07083
76	1,2,3-Trichloropropane	110	16.943	16.943	(1.099)	1651	0.08000	0.06995
77	Cumene	105	17.072	17.078	(1.107)	10959	0.08000	0.07328
78	n-Propylbenzene	120	17.626	17.621	(1.143)	1781	0.08000	0.05568
79	2-chlorotoluene	126	17.653	17.648	(1.145)	1818	0.08000	0.06218
80	4-Ethyltoluene	105	17.777	17.782	(1.153)	9144	0.08000	0.06409
81	1,3,5-Trimethylbenzene	120	17.852	17.858	(1.158)	3103	0.08000	0.06480
82	Alpha-Methylstyrene	118	18.078	18.083	(1.172)	2897	0.08000	0.06024
83	Decane	57	18.197	18.191	(1.180)	5128	0.08000	0.07094
84	tert-butylbenzene	119	18.288	18.288	(1.186)	8366	0.08000	0.06560
85	1,2,4-Trimethylbenzene	105	18.304	18.304	(1.187)	8753	0.08000	0.06686
86	sec-butylbenzene	105	18.568	18.568	(1.204)	11645	0.08000	0.06704
87	1,3-Dichlorobenzene	146	18.557	18.562	(1.203)	5538	0.08000	0.07280
88	Benzyl Chloride	91	18.638	18.632	(1.209)	8888	0.08000	0.06621
89	1,4-Dichlorobenzene	146	18.648	18.648	(1.209)	5090	0.08000	0.06884
90	p-Cymene	119	18.740	18.740	(1.215)	9955	0.08000	0.06785
91	1,2-Dichlorobenzene	146	19.009	19.009	(1.233)	5816	0.08000	0.08013
92	n-butylbenzene	91	19.181	19.181	(1.244)	11050	0.08000	0.07061
93	Undecane	57	19.536	19.536	(1.267)	7744	0.08000	0.09247
94	Dodecane	57	20.607	20.607	(1.336)	9518	0.08000	0.1147
95	1,2,4-Trichlorobenzene	180	20.736	20.730	(1.345)	7706	0.08000	0.09517
97	Hexachlorobutadiene	225	21.107	21.107	(1.369)	12237	0.08000	0.09555
98	1,2,3-trichlorobenzene	180	21.155	21.155	(1.372)	8396	0.08000	0.09881

Data File: /var/chem/gcms/me.i/E022008I.b/eicb201.d
Date : 20-FEB-2008 19:18
Client ID: STD 0.08
Sample Info: EICAL1,,1,1,,STD 0.08
Purge Volume: 500.0
Column phase: HP-5

Instrument: me.i
Operator: 7126
Column diameter: 0.32



Data File: /var/chem/gcms/me.i/E022008I.b/eicb202.d
Report Date: 21-Feb-2008 15:32

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/eicb202.d
Lab Smp Id: EICAL2 Client Smp ID: STD 0.16
Inj Date : 20-FEB-2008 19:56
Operator : 7126 Inst ID: me.i
Smp Info : EICAL2,,1,2,,STD 0.16
Misc Info : E022008I,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 21-Feb-2008 15:31 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 19:56 Cal File: eicb202.d
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

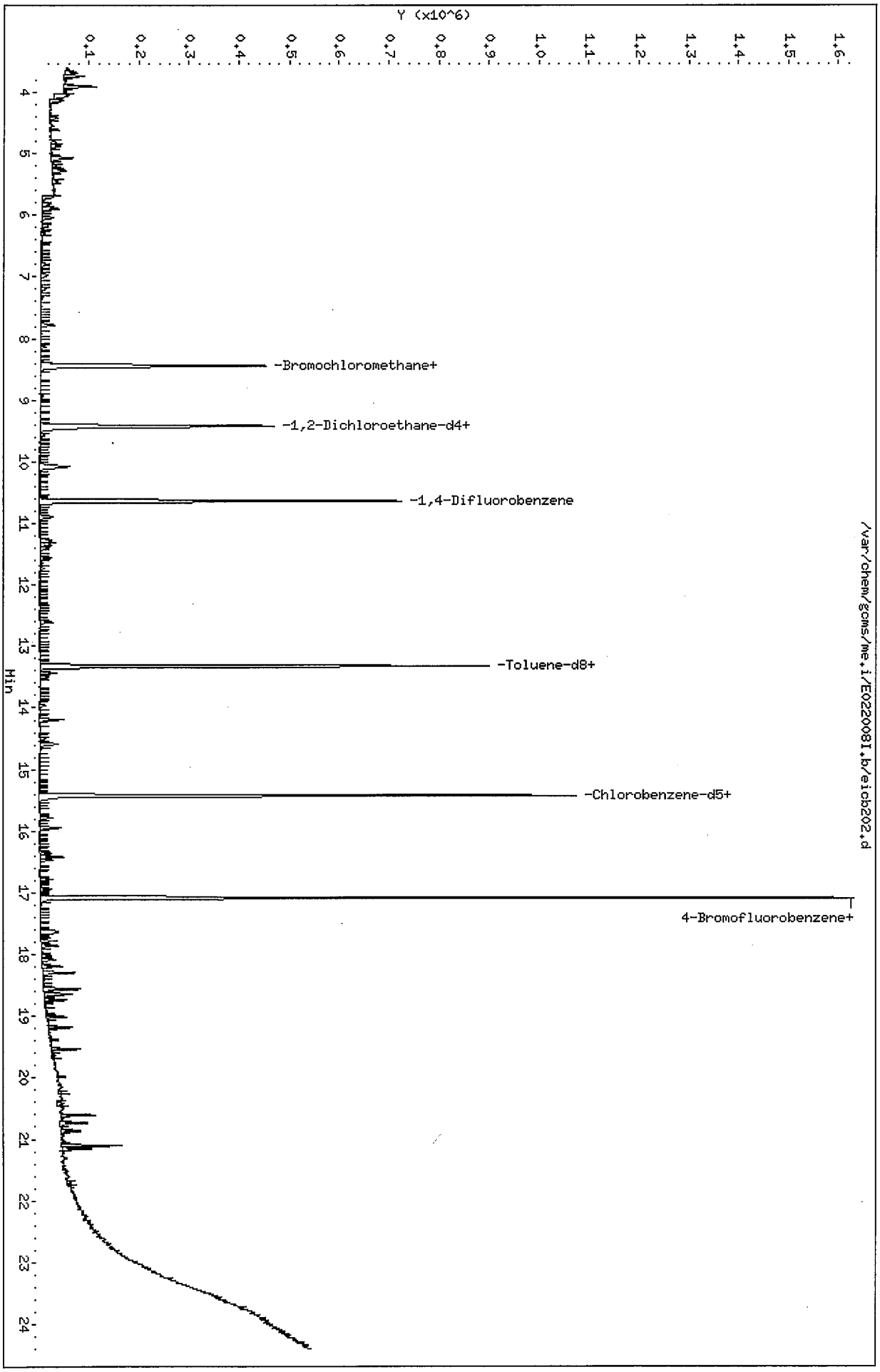
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	8.438	8.443	(1.000)	110507	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.638	10.638	(1.000)	529764	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.421	15.426	(1.000)	475326	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.417	9.422	(0.885)	199213	4.00000	4.139
$	5 Toluene-d8	98	13.323	13.323	(0.864)	564181	4.00000	4.073
$	6 4-Bromofluorobenzene	95	17.083	17.083	(1.108)	524885	4.00000	3.961
	7 Chlorodifluoromethane	67	3.683	3.688	(0.436)	4138	0.16000	0.1898
	8 Propene	41	3.693	3.693	(0.438)	6036	0.16000	0.1854
	9 Dichlorodifluoromethane	85	3.736	3.736	(0.443)	38466	0.16000	0.1751
	10 Chloromethane	52	3.903	3.892	(0.463)	2901	0.16000	0.2246
	11 1,2-Dichlorotetrafluoroethane	135	3.908	3.914	(0.463)	17478	0.16000	0.1813
	13 Vinyl Chloride	62	4.054	4.048	(0.480)	8419	0.16000	0.1752
	14 n-Butane	43	4.140	4.134	(0.491)	11042	0.16000	0.1875
	15 1,3-Butadiene	54	4.134	4.129	(0.490)	5756	0.16000	0.1902
	16 Bromomethane	94	4.425	4.414	(0.524)	10006	0.16000	0.1950
	17 Chloroethane	64	4.549	4.543	(0.539)	3677	0.16000	0.1869

Data File: /var/chem/gcms/me.i/E022008I.b/eicb202.d
Report Date: 21-Feb-2008 15:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
18 Vinyl Bromide	106	4.818	4.817	(0.571)	9056	0.16000	0.1897
19 2-methyl butane	43	4.877	4.979	(0.578)	7583	0.16000	0.1812
20 Trichlorofluoromethane	101	5.065	5.070	(0.600)	37636	0.16000	0.1819
21 Acrolein	56	5.087	5.081	(0.603)	2168	0.16000	0.2031
22 Acetonitrile	40	5.146	5.124	(0.610)	2162	0.16000	0.2044
24 Pentane	72	5.280	5.285	(0.626)	1197	0.16000	0.1909
25 Isopropyl Alcohol	45	5.270	5.269	(0.624)	10621	0.16000	0.1571
26 Ethyl Ether	31	5.447	5.447	(0.646)	5391	0.16000	0.1838
27 1,1-Dichloroethene	96	5.716	5.710	(0.677)	5506	0.16000	0.1666
28 Acrylonitrile	53	5.824	5.823	(0.690)	2615	0.16000	0.1664
29 tert-butanol	59	5.829	5.829	(0.691)	14289	0.16000	0.1558
30 1,1,2-Trichlorotrifluoroethane	101	5.899	5.893	(0.699)	13999	0.16000	0.1738
31 Methylene Chloride	84	6.033	6.028	(0.715)	7200	0.16000	0.2386
32 3-Chloropropene	39	6.050	6.055	(0.717)	8373	0.16000	0.1945
33 Carbon Disulfide	76	6.173	6.178	(0.732)	21825	0.16000	0.1754
34 trans-1,2-Dichloroethene	96	6.797	6.808	(0.806)	6462	0.16000	0.1836
35 Methyl-t-Butyl Ether	73	6.969	6.969	(0.826)	16324	0.16000	0.1642
36 1,1-Dichloroethane	63	7.195	7.195	(0.853)	11748	0.16000	0.1811
37 Vinyl Acetate	43	7.325	7.330	(0.868)	8803	0.16000	0.1493
38 Hexane	56	7.776	7.782	(0.922)	5210	0.16000	0.1852
39 2-Butanone	72	7.787	7.755	(0.923)	1684	0.16000	0.1407
40 cis 1,2-Dichloroethene	96	8.131	8.137	(0.964)	5233	0.16000	0.1810
41 Ethyl acetate	45	8.379	8.368	(0.993)	1239	0.16000	0.1639
42 Chloroform	83	8.465	8.454	(1.003)	17730	0.16000	0.1819
43 Tetrahydrofuran	42	8.933	8.927	(1.059)	4039	0.16000	0.1588
44 1,1,1-Trichloroethane	97	9.471	9.471	(1.122)	22639	0.16000	0.1838
45 1,2-Dichloroethane	62	9.568	9.573	(0.899)	11762	0.16000	0.1704
48 Cyclohexane	69	10.068	10.079	(0.946)	2810	0.16000	0.1643
46 Benzene	78	10.063	10.057	(0.946)	14738	0.16000	0.1747
47 1-Butanol	31	10.073	10.106	(0.947)	1838	0.16000	0.3617
49 Carbon Tetrachloride	117	10.090	10.084	(0.948)	24382	0.16000	0.1637
50 2,2,4-trimethylpentane	57	10.891	10.896	(1.024)	25160	0.16000	0.1734
51 Heptane	43	11.273	11.278	(1.060)	9344	0.16000	0.1697
52 1,2-Dichloropropane	63	11.316	11.311	(1.064)	4749	0.16000	0.1760
53 Trichloroethene	130	11.348	11.343	(1.067)	6258	0.16000	0.1668
54 Dibromomethane	93	11.402	11.402	(1.072)	8567	0.16000	0.1704
55 Bromodichloromethane	83	11.564	11.563	(1.087)	17563	0.16000	0.1702
56 1,4-dioxane	88	11.644	11.644	(1.095)	2185	0.16000	0.1256
57 methyl methacrylate	41	11.730	11.730	(1.103)	5293	0.16000	0.1408
58 4-Methyl-2-pentanone	43	12.602	12.596	(1.185)	8776	0.16000	0.2632
59 cis-1,3-Dichloropropene	75	12.607	12.602	(1.185)	8068	0.16000	0.1551
60 trans-1,3-Dichloropropene	75	13.317	13.317	(0.864)	9124	0.16000	0.1541
61 Toluene	91	13.441	13.441	(0.872)	22546	0.16000	0.2213
62 1,1,2-Trichloroethane	97	13.511	13.511	(0.876)	4980	0.16000	0.1632
63 2-Hexanone	58	13.958	13.968	(0.905)	2930	0.16000	0.2292
64 Octane	85	14.194	14.189	(0.920)	4901	0.16000	0.1601
65 Dibromochloromethane	129	14.205	14.199	(0.921)	11150	0.16000	0.1512

Data File: /var/chem/gcms/me.i/E022008I.b/eicb202.d
Report Date: 21-Feb-2008 15:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
66	1,2-Dibromoethane	107	14.501	14.495	(0.940)	8021	0.16000	0.1620
67	Tetrachloroethene	129	14.592	14.598	(0.946)	7028	0.16000	0.1720
68	Chlorobenzene	112	15.475	15.480	(1.003)	10445	0.16000	0.1575
69	Ethylbenzene	91	15.781	15.786	(1.023)	18374	0.16000	0.1529
70	m&p-Xylene	91	15.943	15.953	(1.034)	31108	0.32000	0.3020
72	Nonane	57	16.416	16.416	(1.065)	8163	0.16000	0.1468
71	Bromoform	173	16.357	16.357	(1.061)	10688	0.16000	0.1323
73	Styrene	104	16.405	16.410	(1.064)	7928	0.16000	0.1328
74	o-Xylene	91	16.464	16.470	(1.068)	15742	0.16000	0.1465
75	1,1,2,2-Tetrachloroethane	83	16.782	16.787	(1.088)	10266	0.16000	0.1479
76	1,2,3-Trichloropropane	110	16.943	16.943	(1.099)	3413	0.16000	0.1497
77	Cumene	105	17.072	17.078	(1.107)	20756	0.16000	0.1437
78	n-Propylbenzene	120	17.626	17.621	(1.143)	4151	0.16000	0.1343
79	2-chlorotoluene	126	17.653	17.648	(1.145)	4322	0.16000	0.1530
80	4-Ethyltoluene	105	17.782	17.782	(1.153)	18963	0.16000	0.1376
81	1,3,5-Trimethylbenzene	120	17.858	17.858	(1.158)	6358	0.16000	0.1375
82	Alpha-Methylstyrene	118	18.084	18.083	(1.173)	6275	0.16000	0.1351
83	Decane	57	18.191	18.191	(1.180)	10295	0.16000	0.1474
84	tert-butylbenzene	119	18.288	18.288	(1.186)	17889	0.16000	0.1452
85	1,2,4-Trimethylbenzene	105	18.299	18.304	(1.187)	17241	0.16000	0.1363
86	sec-butylbenzene	105	18.568	18.568	(1.204)	23111	0.16000	0.1377
87	1,3-Dichlorobenzene	146	18.562	18.562	(1.204)	10251	0.16000	0.1395
88	Benzyl Chloride	91	18.638	18.632	(1.209)	17944	0.16000	0.1384
89	1,4-Dichlorobenzene	146	18.649	18.648	(1.209)	10079	0.16000	0.1411
90	p-Cymene	119	18.735	18.740	(1.215)	20098	0.16000	0.1418
91	1,2-Dichlorobenzene	146	19.009	19.009	(1.233)	10390	0.16000	0.1482
92	n-butylbenzene	91	19.181	19.181	(1.244)	23119	0.16000	0.1529
93	Undecane	57	19.536	19.536	(1.267)	13648	0.16000	0.1687
94	Dodecane	57	20.607	20.607	(1.336)	16502	0.16000	0.2058
95	1,2,4-Trichlorobenzene	180	20.730	20.730	(1.344)	13652	0.16000	0.1745
97	Hexachlorobutadiene	225	21.107	21.107	(1.369)	23233	0.16000	0.1878
98	1,2,3-trichlorobenzene	180	21.155	21.155	(1.372)	16236	0.16000	0.1978


Data File: /var/chem/gcms/me.i/E022008I.b/eicb202.d
Date : 20-FEB-2008 19:56
Client ID: STD 0.16
Sample Info: EICAL2,1,2,,STD 0.16
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
Min
/var/chem/gcms/me.i/E022008I.b/eicb202.d
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5+
4-Bromofluorobenzene+

Data File: /var/chem/gcms/me.i/E022008I.b/eicb203.d
Report Date: 21-Feb-2008 15:33

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/eicb203.d
Lab Smp Id: EICAL3 Client Smp ID: STD 0.32
Inj Date : 20-FEB-2008 20:34
Operator : 7126 Inst ID: me.i
Smp Info : EICAL3,,1,3,,STD 0.32
Misc Info : E022008I,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 21-Feb-2008 15:31 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 20:34 Cal File: eicb203.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	8.438	8.443	(1.000)	106614	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.633	10.638	(1.000)	512905	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.421	15.426	(1.000)	464063	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.417	9.422	(0.886)	190983	4.00000	4.099
$	5 Toluene-d8	98	13.323	13.323	(0.864)	555512	4.00000	4.108
$	6 4-Bromofluorobenzene	95	17.083	17.083	(1.108)	506063	4.00000	3.911
	7 Chlorodifluoromethane	67	3.677	3.688	(0.436)	7790	0.32000	0.3703
	8 Propene	41	3.688	3.693	(0.437)	11801	0.32000	0.3758
	9 Dichlorodifluoromethane	85	3.736	3.736	(0.443)	71095	0.32000	0.3355
	10 Chloromethane	52	3.892	3.892	(0.461)	4525	0.32000	0.3631
	11 1,2-Dichlorotetrafluoroethane	135	3.908	3.914	(0.463)	33101	0.32000	0.3559
	13 Vinyl Chloride	62	4.054	4.048	(0.480)	15443	0.32000	0.3331
	14 n-Butane	43	4.134	4.134	(0.490)	20656	0.32000	0.3635
	15 1,3-Butadiene	54	4.129	4.129	(0.489)	10705	0.32000	0.3666
	16 Bromomethane	94	4.419	4.414	(0.524)	16521	0.32000	0.3337
	17 Chloroethane	64	4.549	4.543	(0.539)	6635	0.32000	0.3496

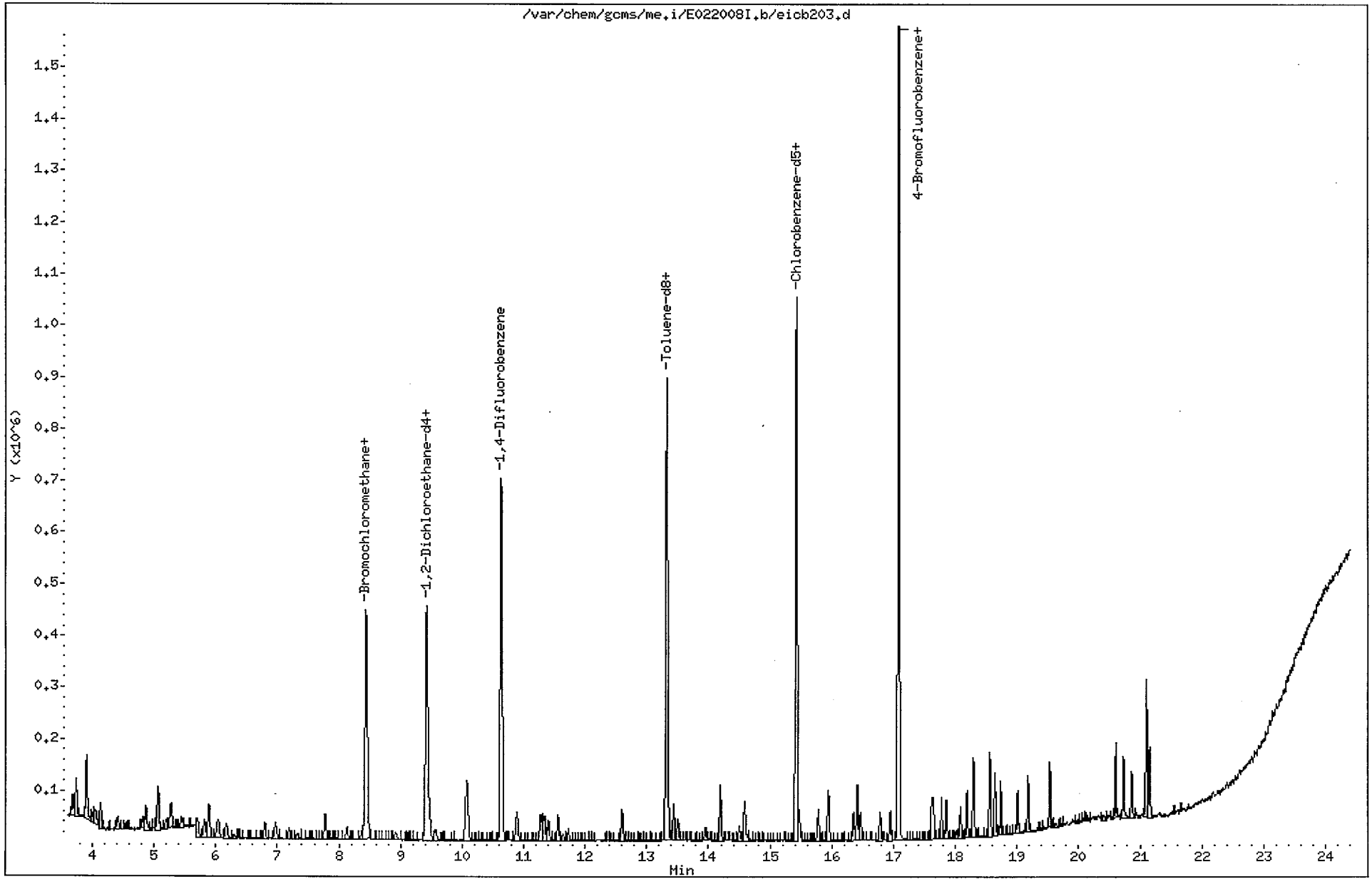
Data File: /var/chem/gcms/me.i/E022008I.b/eicb203.d
Report Date: 21-Feb-2008 15:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
18	Vinyl Bromide	106	4.818	4.817	(0.571)	15518	0.32000	0.3369
19	2-methyl butane	43	4.871	4.979	(0.577)	16401	0.32000	0.4063
20	Trichlorofluoromethane	101	5.065	5.070	(0.600)	71349	0.32000	0.3575
21	Acrolein	56	5.070	5.081	(0.601)	4142	0.32000	0.4022
22	Acetonitrile	40	5.130	5.124	(0.608)	4152	0.32000	0.4069
24	Pentane	72	5.280	5.285	(0.626)	2434	0.32000	0.4023
25	Isopropyl Alcohol	45	5.259	5.269	(0.623)	23942	0.32000	0.3670
26	Ethyl Ether	31	5.447	5.447	(0.646)	11139	0.32000	0.3936
27	1,1-Dichloroethene	96	5.716	5.710	(0.677)	11385	0.32000	0.3572
28	Acrylonitrile	53	5.807	5.823	(0.688)	6235	0.32000	0.4112
29	tert-butanol	59	5.818	5.829	(0.690)	29675	0.32000	0.3355
30	1,1,2-Trichlorotrifluoroethane	101	5.888	5.893	(0.698)	27845	0.32000	0.3584
31	Methylene Chloride	84	6.028	6.028	(0.714)	12157	0.32000	0.4176
32	3-Chloropropene	39	6.055	6.055	(0.718)	14849	0.32000	0.3576
33	Carbon Disulfide	76	6.173	6.178	(0.732)	41123	0.32000	0.3426
34	trans-1,2-Dichloroethene	96	6.797	6.808	(0.806)	11948	0.32000	0.3518
35	Methyl-t-Butyl Ether	73	6.969	6.969	(0.826)	35906	0.32000	0.3744
36	1,1-Dichloroethane	63	7.195	7.195	(0.853)	25435	0.32000	0.4065
37	Vinyl Acetate	43	7.324	7.330	(0.868)	20889	0.32000	0.3672
38	Hexane	56	7.782	7.782	(0.922)	9636	0.32000	0.3550
39	2-Butanone	72	7.766	7.755	(0.920)	3719	0.32000	0.3220
40	cis 1,2-Dichloroethene	96	8.137	8.137	(0.964)	11099	0.32000	0.3979
41	Ethyl acetate	45	8.368	8.368	(0.992)	2413	0.32000	0.3308
42	Chloroform	83	8.459	8.454	(1.003)	36298	0.32000	0.3859
43	Tetrahydrofuran	42	8.922	8.927	(1.057)	9301	0.32000	0.3790
44	1,1,1-Trichloroethane	97	9.465	9.471	(1.122)	45971	0.32000	0.3870
45	1,2-Dichloroethane	62	9.568	9.573	(0.900)	26405	0.32000	0.3950
48	Cyclohexane	69	10.073	10.079	(0.947)	6166	0.32000	0.3723
46	Benzene	78	10.057	10.057	(0.946)	30455	0.32000	0.3729
47	1-Butanol	31	10.084	10.106	(0.948)	4018	0.32000	0.4850
49	Carbon Tetrachloride	117	10.084	10.084	(0.948)	49925	0.32000	0.3463
50	2,2,4-trimethylpentane	57	10.891	10.896	(1.024)	52079	0.32000	0.3706
51	Heptane	43	11.273	11.278	(1.060)	18837	0.32000	0.3533
52	1,2-Dichloropropane	63	11.311	11.311	(1.064)	10115	0.32000	0.3873
53	Trichloroethene	130	11.343	11.343	(1.067)	11717	0.32000	0.3225
54	Dibromomethane	93	11.402	11.402	(1.072)	18064	0.32000	0.3711
55	Bromodichloromethane	83	11.563	11.563	(1.088)	36495	0.32000	0.3652
56	1,4-dioxane	88	11.633	11.644	(1.094)	5987	0.32000	0.3556
57	methyl methacrylate	41	11.725	11.730	(1.103)	11935	0.32000	0.3280
58	4-Methyl-2-pentanone	43	12.596	12.596	(1.185)	19482	0.32000	0.4301
59	cis-1,3-Dichloropropene	75	12.607	12.602	(1.186)	18646	0.32000	0.3702
60	trans-1,3-Dichloropropene	75	13.312	13.317	(0.863)	20446	0.32000	0.3537
61	Toluene	91	13.436	13.441	(0.871)	49945	0.32000	0.5022
62	1,1,2-Trichloroethane	97	13.511	13.511	(0.876)	11374	0.32000	0.3818
63	2-Hexanone	58	13.952	13.968	(0.905)	7656	0.32000	0.3684
64	Octane	85	14.194	14.189	(0.920)	11187	0.32000	0.3743
65	Dibromochloromethane	129	14.200	14.199	(0.921)	24468	0.32000	0.3398

Data File: /var/chem/gcms/me.i/E022008I.b/eicb203.d
Report Date: 21-Feb-2008 15:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
66	1,2-Dibromoethane	107	14.501	14.495	(0.940)	16520	0.32000	0.3417
67	Tetrachloroethene	129	14.592	14.598	(0.946)	13852	0.32000	0.3472
68	Chlorobenzene	112	15.469	15.480	(1.003)	23710	0.32000	0.3663
69	Ethylbenzene	91	15.781	15.786	(1.023)	41925	0.32000	0.3573
70	m&p-Xylene	91	15.948	15.953	(1.034)	69009	0.64000	0.6862
72	Nonane	57	16.416	16.416	(1.065)	19999	0.32000	0.3685
71	Bromoform	173	16.357	16.357	(1.061)	26194	0.32000	0.3321
73	Styrene	104	16.410	16.410	(1.064)	18581	0.32000	0.3187
74	o-Xylene	91	16.470	16.470	(1.068)	35869	0.32000	0.3419
75	1,1,2,2-Tetrachloroethane	83	16.787	16.787	(1.089)	23931	0.32000	0.3531
76	1,2,3-Trichloropropane	110	16.948	16.943	(1.099)	7677	0.32000	0.3449
77	Cumene	105	17.067	17.078	(1.107)	46941	0.32000	0.3329
78	n-Propylbenzene	120	17.621	17.621	(1.143)	9946	0.32000	0.3297
79	2-chlorotoluene	126	17.648	17.648	(1.144)	9684	0.32000	0.3512
80	4-Ethyltoluene	105	17.777	17.782	(1.153)	44849	0.32000	0.3334
81	1,3,5-Trimethylbenzene	120	17.858	17.858	(1.158)	14604	0.32000	0.3234
82	Alpha-Methylstyrene	118	18.084	18.083	(1.173)	13208	0.32000	0.2912
83	Decane	57	18.191	18.191	(1.180)	24285	0.32000	0.3562
84	tert-butylbenzene	119	18.288	18.288	(1.186)	39901	0.32000	0.3318
85	1,2,4-Trimethylbenzene	105	18.299	18.304	(1.187)	41836	0.32000	0.3389
86	sec-butylbenzene	105	18.568	18.568	(1.204)	55087	0.32000	0.3363
87	1,3-Dichlorobenzene	146	18.557	18.562	(1.203)	22722	0.32000	0.3168
88	Benzyl Chloride	91	18.638	18.632	(1.209)	38987	0.32000	0.3080
89	1,4-Dichlorobenzene	146	18.643	18.648	(1.209)	22911	0.32000	0.3286
90	p-Cymene	119	18.734	18.740	(1.215)	46556	0.32000	0.3365
91	1,2-Dichlorobenzene	146	19.009	19.009	(1.233)	23842	0.32000	0.3483
92	n-butylbenzene	91	19.181	19.181	(1.244)	50932	0.32000	0.3451
93	Undecane	57	19.536	19.536	(1.267)	31200	0.32000	0.3951
94	Dodecane	57	20.607	20.607	(1.336)	34422	0.32000	0.4398
95	1,2,4-Trichlorobenzene	180	20.736	20.730	(1.345)	29983	0.32000	0.3926
96	Napthalene	128	20.865	20.870	(1.353)	48204	0.32000	0.2074
97	Hexachlorobutadiene	225	21.107	21.107	(1.369)	53129	0.32000	0.4399
98	1,2,3-trichlorobenzene	180	21.155	21.155	(1.372)	34281	0.32000	0.4278

Data File: /var/chem/gcms/me.i/E022008I.b/eicb203.d
Date : 20-FEB-2008 20:34
Client ID: STD 0.32
Instrument: me.i
Sample Info: EICAL3,,1,3,,STD 0.32
Purge Volume: 500.0
Operator: 7126
Column phase: HP-5
Column diameter: 0.32



Data File: /var/chem/gcms/me.i/E022008I.b/eicb204.d
Report Date: 21-Feb-2008 15:33

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/eicb204.d
Lab Smp Id: EICAL4 Client Smp ID: STD
Inj Date : 20-FEB-2008 21:12
Operator : 7126 Inst ID: me.i
Smp Info : EICAL4,,1,4,,STD
Misc Info : E022008I,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 21-Feb-2008 15:31 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 21:12 Cal File: eicb204.d
Als bottle: 8 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

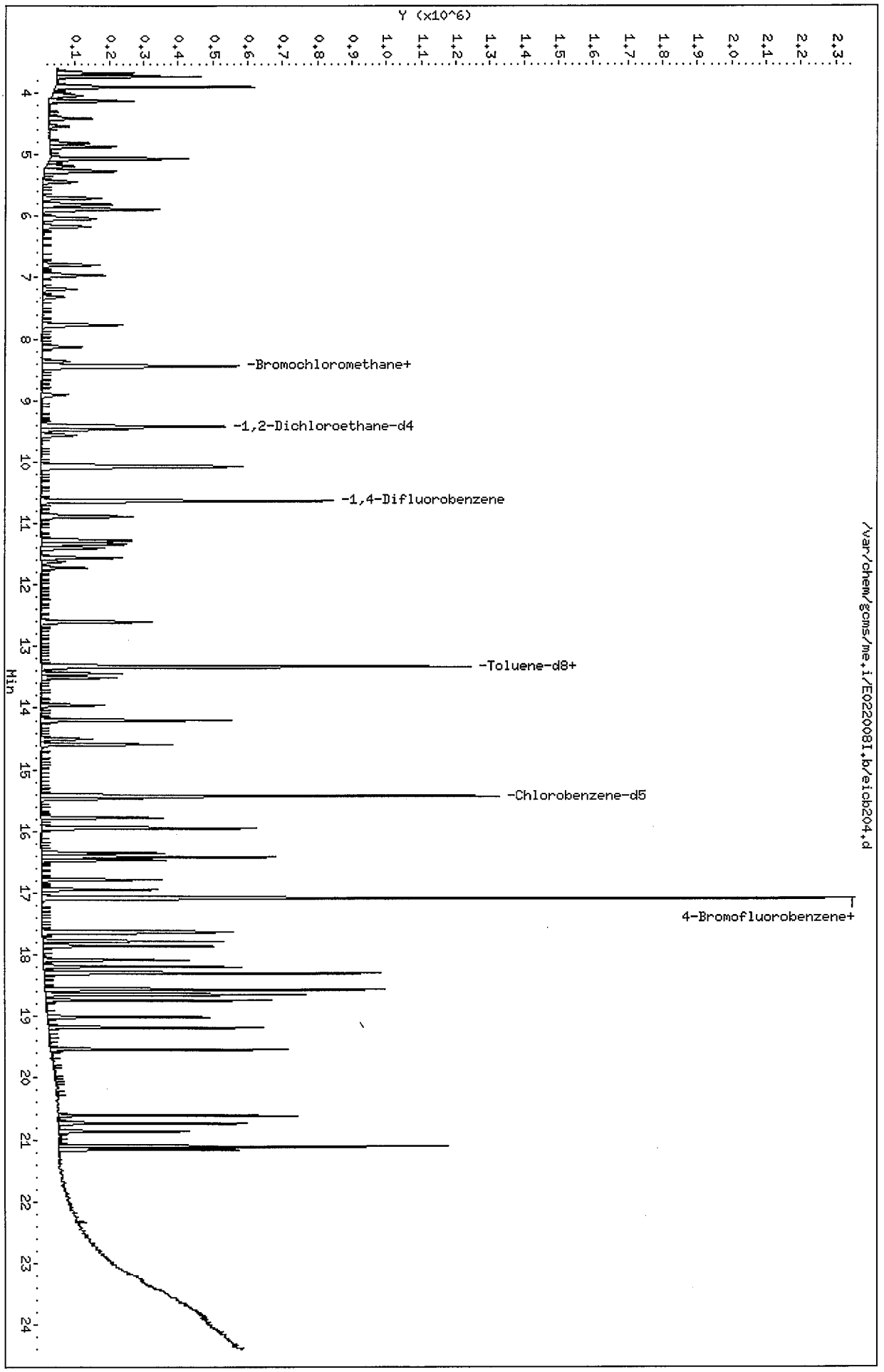
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	8.432	8.443	(1.000)	125692	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.633	10.638	(1.000)	641857	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.421	15.426	(1.000)	600393	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.417	9.422	(0.886)	227592	4.00000	3.903
$	5 Toluene-d8	98	13.323	13.323	(0.864)	707292	4.00000	4.043
$	6 4-Bromofluorobenzene	95	17.077	17.083	(1.107)	655381	4.00000	3.915
	7 Chlorodifluoromethane	67	3.677	3.688	(0.436)	34338	2.00000	1.385
	8 Propene	41	3.682	3.693	(0.437)	63045	2.00000	1.703
	9 Dichlorodifluoromethane	85	3.731	3.736	(0.442)	379028	2.00000	1.517
	10 Chloromethane	52	3.892	3.892	(0.462)	22572	2.00000	1.536
	11 1,2-Dichlorotetrafluoroethane	135	3.903	3.914	(0.463)	159398	2.00000	1.454
	12 Methanol	31	4.005	4.005	(0.475)	16130	2.00000	1.917
	13 Vinyl Chloride	62	4.048	4.048	(0.480)	78867	2.00000	1.443
	14 n-Butane	43	4.129	4.134	(0.490)	97291	2.00000	1.452
	15 1,3-Butadiene	54	4.123	4.129	(0.489)	50479	2.00000	1.466
	16 Bromomethane	94	4.414	4.414	(0.523)	87481	2.00000	1.499

Data File: /var/chem/gcms/me.i/E022008I.b/eicb204.d
Report Date: 21-Feb-2008 15:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
17 Chloroethane	64	4.543	4.543	(0.539)	32881	2.00000	1.469
18 Vinyl Bromide	106	4.812	4.817	(0.571)	85592	2.00000	1.576
19 2-methyl butane	43	4.871	4.979	(0.578)	76433	2.00000	1.606
20 Trichlorofluoromethane	101	5.065	5.070	(0.601)	356986	2.00000	1.517
21 Acrolein	56	5.070	5.081	(0.601)	21252	2.00000	1.750
22 Acetonitrile	40	5.129	5.124	(0.608)	23186	2.00000	1.927
23 Acetone	58	5.189	5.194	(0.615)	24680	2.00000	1.748
24 Pentane	72	5.275	5.285	(0.626)	10246	2.00000	1.437
25 Isopropyl Alcohol	45	5.253	5.269	(0.623)	109264	2.00000	1.421
26 Ethyl Ether	31	5.441	5.447	(0.645)	54495	2.00000	1.634
27 1,1-Dichloroethene	96	5.710	5.710	(0.677)	59369	2.00000	1.580
28 Acrylonitrile	53	5.807	5.823	(0.689)	32864	2.00000	1.838
29 tert-butanol	59	5.807	5.829	(0.689)	187755	2.00000	1.800
30 1,1,2-Trichlorotrifluoroethane	101	5.893	5.893	(0.699)	149425	2.00000	1.631
31 Methylene Chloride	84	6.028	6.028	(0.715)	50723	2.00000	1.478
32 3-Chloropropene	39	6.049	6.055	(0.717)	70159	2.00000	1.433
33 Carbon Disulfide	76	6.168	6.178	(0.731)	215383	2.00000	1.522
34 trans-1,2-Dichloroethene	96	6.792	6.808	(0.805)	66073	2.00000	1.650
35 Methyl-t-Butyl Ether	73	6.958	6.969	(0.825)	206502	2.00000	1.827
36 1,1-Dichloroethane	63	7.190	7.195	(0.853)	109931	2.00000	1.490
37 Vinyl Acetate	43	7.319	7.330	(0.868)	119045	2.00000	1.775
38 Hexane	56	7.771	7.782	(0.922)	51658	2.00000	1.614
39 2-Butanone	72	7.760	7.755	(0.920)	24424	2.00000	1.794
40 cis 1,2-Dichloroethene	96	8.126	8.137	(0.964)	51161	2.00000	1.556
41 Ethyl acetate	45	8.368	8.368	(0.992)	15237	2.00000	1.772
42 Chloroform	83	8.454	8.454	(1.003)	161544	2.00000	1.457
43 Tetrahydrofuran	42	8.906	8.927	(1.056)	51144	2.00000	1.768
44 1,1,1-Trichloroethane	97	9.465	9.471	(1.122)	204471	2.00000	1.460
45 1,2-Dichloroethane	62	9.562	9.573	(0.899)	125339	2.00000	1.498
48 Cyclohexane	69	10.073	10.079	(0.947)	31415	2.00000	1.516
46 Benzene	78	10.057	10.057	(0.946)	146070	2.00000	1.429
47 1-Butanol	31	10.063	10.106	(0.946)	24277	2.00000	1.369
49 Carbon Tetrachloride	117	10.084	10.084	(0.948)	267685	2.00000	1.484
50 2,2,4-trimethylpentane	57	10.886	10.896	(1.024)	258564	2.00000	1.470
51 Heptane	43	11.273	11.278	(1.060)	100125	2.00000	1.501
52 1,2-Dichloropropane	63	11.311	11.311	(1.064)	52986	2.00000	1.621
53 Trichloroethene	130	11.343	11.343	(1.067)	66210	2.00000	1.456
54 Dibromomethane	93	11.402	11.402	(1.072)	85899	2.00000	1.410
55 Bromodichloromethane	83	11.558	11.563	(1.087)	178287	2.00000	1.426
56 1,4-dioxane	88	11.628	11.644	(1.094)	35211	2.00000	1.671
57 methyl methacrylate	41	11.725	11.730	(1.103)	72971	2.00000	1.602
58 4-Methyl-2-pentanone	43	12.591	12.596	(1.184)	129835	2.00000	1.710
59 cis-1,3-Dichloropropene	75	12.602	12.602	(1.185)	95490	2.00000	1.515
60 trans-1,3-Dichloropropene	75	13.312	13.317	(0.863)	116634	2.00000	1.560
61 Toluene	91	13.436	13.441	(0.871)	169486	2.00000	1.317
62 1,1,2-Trichloroethane	97	13.505	13.511	(0.876)	61348	2.00000	1.592
63 2-Hexanone	58	13.947	13.968	(0.904)	56877	2.00000	1.475

Data File: /var/chem/gcms/me.i/E022008I.b/eicb204.d
Report Date: 21-Feb-2008 15:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
64	Octane	85	14.189	14.189	(0.920)	58105	2.00000	1.503
65	Dibromochloromethane	129	14.199	14.199	(0.921)	141235	2.00000	1.516
66	1,2-Dibromoethane	107	14.495	14.495	(0.940)	100032	2.00000	1.599
67	Tetrachloroethene	129	14.587	14.598	(0.946)	73820	2.00000	1.430
68	Chlorobenzene	112	15.469	15.480	(1.003)	133765	2.00000	1.597
69	Ethylbenzene	91	15.781	15.786	(1.023)	263072	2.00000	1.733
70	m&p-Xylene	91	15.948	15.953	(1.034)	453847	4.00000	3.488
72	Nonane	57	16.416	16.416	(1.065)	121932	2.00000	1.737
71	Bromoform	173	16.351	16.357	(1.060)	166958	2.00000	1.636
73	Styrene	104	16.405	16.410	(1.064)	132734	2.00000	1.760
74	o-Xylene	91	16.470	16.470	(1.068)	236509	2.00000	1.743
75	1,1,2,2-Tetrachloroethane	83	16.782	16.787	(1.088)	149031	2.00000	1.700
76	1,2,3-Trichloropropane	110	16.943	16.943	(1.099)	49864	2.00000	1.732
77	Cumene	105	17.067	17.078	(1.107)	318405	2.00000	1.745
78	n-Propylbenzene	120	17.621	17.621	(1.143)	70485	2.00000	1.806
79	2-chlorotoluene	126	17.648	17.648	(1.144)	61241	2.00000	1.717
80	4-Ethyltoluene	105	17.777	17.782	(1.153)	308372	2.00000	1.772
81	1,3,5-Trimethylbenzene	120	17.858	17.858	(1.158)	103171	2.00000	1.766
82	Alpha-Methylstyrene	118	18.083	18.083	(1.173)	96604	2.00000	1.646
83	Decane	57	18.191	18.191	(1.180)	148809	2.00000	1.687
84	tert-butylbenzene	119	18.288	18.288	(1.186)	263585	2.00000	1.694
85	1,2,4-Trimethylbenzene	105	18.299	18.304	(1.187)	268218	2.00000	1.679
86	sec-butylbenzene	105	18.568	18.568	(1.204)	356814	2.00000	1.684
87	1,3-Dichlorobenzene	146	18.557	18.562	(1.203)	142643	2.00000	1.537
88	Benzyl Chloride	91	18.638	18.632	(1.209)	260503	2.00000	1.590
89	1,4-Dichlorobenzene	146	18.643	18.648	(1.209)	141616	2.00000	1.570
90	p-Cymene	119	18.734	18.740	(1.215)	297887	2.00000	1.664
91	1,2-Dichlorobenzene	146	19.009	19.009	(1.233)	137455	2.00000	1.552
92	n-butylbenzene	91	19.181	19.181	(1.244)	308321	2.00000	1.615
93	Undecane	57	19.536	19.536	(1.267)	169996	2.00000	1.664
94	Dodecane	57	20.601	20.607	(1.336)	171865	2.00000	1.697
95	1,2,4-Trichlorobenzene	180	20.730	20.730	(1.344)	141250	2.00000	1.430
96	Napthalene	128	20.865	20.870	(1.353)	225130	2.00000	1.592
97	Hexachlorobutadiene	225	21.101	21.107	(1.368)	224003	2.00000	1.434
98	1,2,3-trichlorobenzene	180	21.155	21.155	(1.372)	141538	2.00000	1.365


Data File: /var/chem/gcms/me.i/E02200801.b/eicb204.d
Date : 20-FEB-2008 21:12
Client ID: STD
Sample Info: EICAL4,1,4,,STD
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
Min
-Bromochloromethane+
-1,2-Dichloroethane-d4
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene+
/var/chem/gcms/me.i/E02200801.b/eicb204.d

Data File: /var/chem/gcms/me.i/E022008I.b/eicb205.d
Report Date: 21-Feb-2008 15:33

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/eicb205.d
Lab Smp Id: EICAL5 Client Smp ID: STD 4.0
Inj Date : 20-FEB-2008 22:26
Operator : 7126 Inst ID: me.i
Smp Info : EICAL5,,1,5,,STD 4.0
Misc Info : E022008I,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 21-Feb-2008 15:31 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 22:26 Cal File: eicb205.d
Als bottle: 10 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

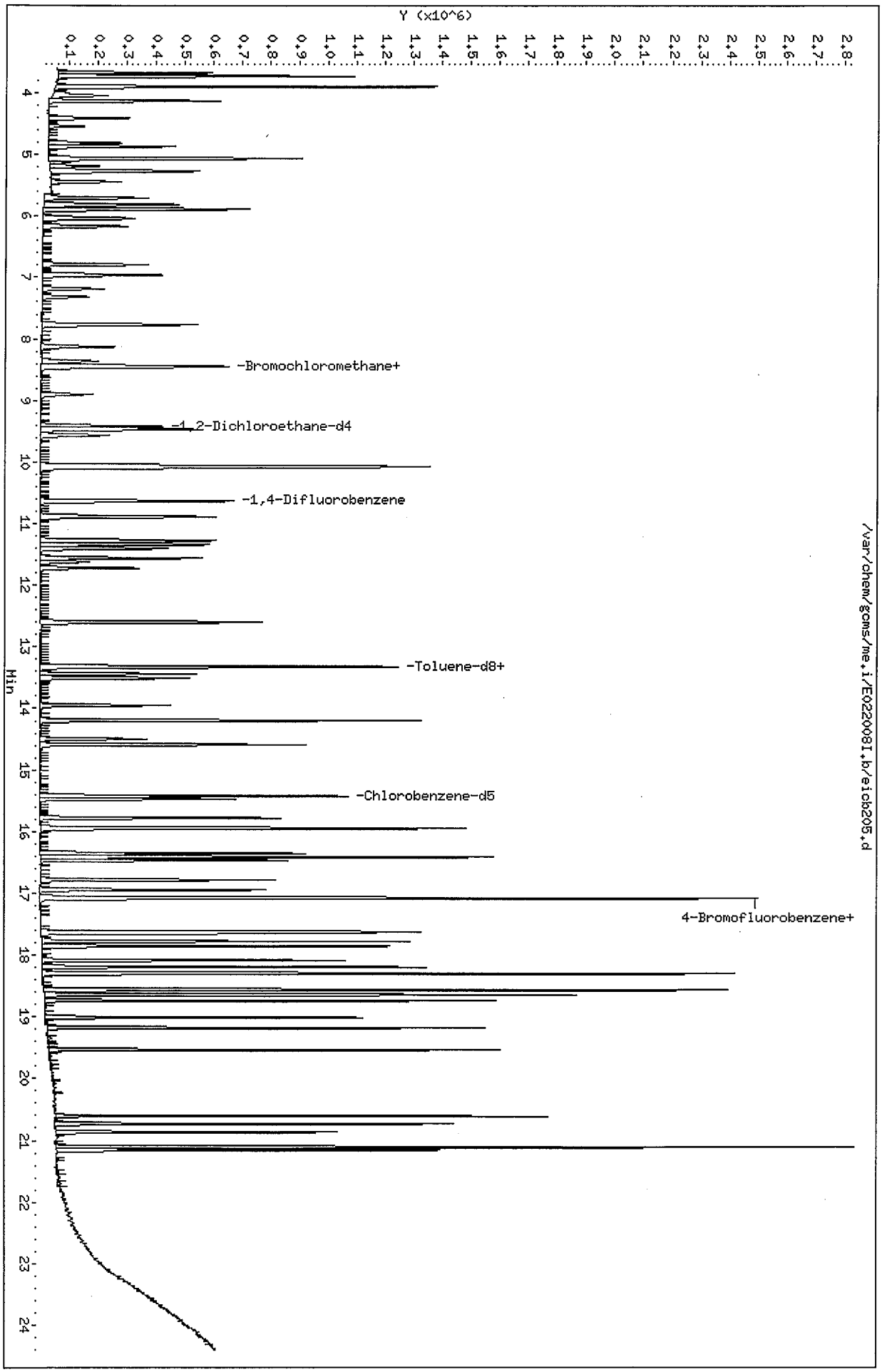
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
* 1 Bromochloromethane	128	8.433	8.443	(1.000)	102000	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.633	10.638	(1.000)	508225	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.421	15.426	(1.000)	489265	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	9.417	9.422	(0.886)	178577	4.00000	3.868
$ 5 Toluene-d8	98	13.323	13.323	(0.864)	558979	4.00000	3.921
$ 6 4-Bromofluorobenzene	95	17.078	17.083	(1.107)	549503	4.00000	4.028
7 Chlorodifluoromethane	67	3.672	3.688	(0.435)	83052	4.00000	4.127
8 Propene	41	3.682	3.693	(0.437)	142582	4.00000	4.745
9 Dichlorodifluoromethane	85	3.731	3.736	(0.442)	930324	4.00000	4.589
10 Chloromethane	52	3.892	3.892	(0.462)	53946	4.00000	4.524
11 1,2-Dichlorotetrafluoroethane	135	3.903	3.914	(0.463)	386032	4.00000	4.338
12 Methanol	31	4.005	4.005	(0.475)	35112	4.00000	5.143
13 Vinyl Chloride	62	4.048	4.048	(0.480)	189160	4.00000	4.265
14 n-Butane	43	4.129	4.134	(0.490)	232921	4.00000	4.285
15 1,3-Butadiene	54	4.124	4.129	(0.489)	118887	4.00000	4.255
16 Bromomethane	94	4.409	4.414	(0.523)	199701	4.00000	4.217

Data File: /var/chem/gcms/me.i/E022008I.b/eicb205.d
Report Date: 21-Feb-2008 15:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
17 Chloroethane	64	4.538	4.543	(0.538)	75632	4.00000	4.165
18 Vinyl Bromide	106	4.812	4.817	(0.571)	193229	4.00000	4.385
19 2-methyl butane	43	4.866	4.979	(0.577)	169247	4.00000	4.383
20 Trichlorofluoromethane	101	5.065	5.070	(0.601)	779437	4.00000	4.082
21 Acrolein	56	5.065	5.081	(0.601)	48200	4.00000	4.892
22 Acetonitrile	40	5.124	5.124	(0.608)	49271	4.00000	5.047
23 Acetone	58	5.183	5.194	(0.615)	62725	4.00000	5.476
24 Pentane	72	5.275	5.285	(0.626)	26964	4.00000	4.659
25 Isopropyl Alcohol	45	5.248	5.269	(0.622)	297636	4.00000	4.769
26 Ethyl Ether	31	5.436	5.447	(0.645)	129774	4.00000	4.794
27 1,1-Dichloroethene	96	5.705	5.710	(0.677)	136313	4.00000	4.470
28 Acrylonitrile	53	5.807	5.823	(0.689)	72648	4.00000	5.008
29 tert-butanol	59	5.807	5.829	(0.689)	437101	4.00000	5.165
30 1,1,2-Trichlorotrifluoroethane	101	5.888	5.893	(0.698)	310657	4.00000	4.179
31 Methylene Chloride	84	6.023	6.028	(0.714)	105401	4.00000	3.785
32 3-Chloropropene	39	6.044	6.055	(0.717)	143984	4.00000	3.624
33 Carbon Disulfide	76	6.168	6.178	(0.731)	459444	4.00000	4.001
34 trans-1,2-Dichloroethene	96	6.792	6.808	(0.805)	143499	4.00000	4.417
35 Methyl-t-Butyl Ether	73	6.959	6.969	(0.825)	474189	4.00000	5.169
36 1,1-Dichloroethane	63	7.190	7.195	(0.853)	243567	4.00000	4.068
37 Vinyl Acetate	43	7.314	7.330	(0.867)	296258	4.00000	5.444
38 Hexane	56	7.771	7.782	(0.922)	117254	4.00000	4.515
39 2-Butanone	72	7.755	7.755	(0.920)	58586	4.00000	5.303
40 cis 1,2-Dichloroethene	96	8.126	8.137	(0.964)	116260	4.00000	4.357
41 Ethyl acetate	45	8.363	8.368	(0.992)	35987	4.00000	5.158
42 Chloroform	83	8.454	8.454	(1.003)	374367	4.00000	4.160
43 Tetrahydrofuran	42	8.901	8.927	(1.056)	119340	4.00000	5.083
44 1,1,1-Trichloroethane	97	9.466	9.471	(1.122)	471972	4.00000	4.152
45 1,2-Dichloroethane	62	9.562	9.573	(0.899)	288722	4.00000	4.359
48 Cyclohexane	69	10.063	10.079	(0.946)	72647	4.00000	4.427
46 Benzene	78	10.057	10.057	(0.946)	333718	4.00000	4.124
47 1-Butanol	31	10.057	10.106	(0.946)	65481	4.00000	4.440
49 Carbon Tetrachloride	117	10.084	10.084	(0.948)	612291	4.00000	4.286
50 2,2,4-trimethylpentane	57	10.886	10.896	(1.024)	593956	4.00000	4.266
51 Heptane	43	11.273	11.278	(1.060)	233954	4.00000	4.428
52 1,2-Dichloropropane	63	11.300	11.311	(1.063)	121997	4.00000	4.714
53 Trichloroethene	130	11.343	11.343	(1.067)	156412	4.00000	4.345
54 Dibromomethane	93	11.402	11.402	(1.072)	205955	4.00000	4.270
55 Bromodichloromethane	83	11.558	11.563	(1.087)	425767	4.00000	4.300
56 1,4-dioxane	88	11.623	11.644	(1.093)	87052	4.00000	5.218
57 methyl methacrylate	41	11.720	11.730	(1.102)	186676	4.00000	5.178
58 4-Methyl-2-pentanone	43	12.591	12.596	(1.184)	306850	4.00000	4.838
59 cis-1,3-Dichloropropene	75	12.602	12.602	(1.185)	230312	4.00000	4.615
60 trans-1,3-Dichloropropene	75	13.312	13.317	(0.863)	279939	4.00000	4.594
61 Toluene	91	13.436	13.441	(0.871)	398765	4.00000	3.803
62 1,1,2-Trichloroethane	97	13.506	13.511	(0.876)	146347	4.00000	4.660
63 2-Hexanone	58	13.947	13.968	(0.904)	142571	4.00000	4.669

Data File: /var/chem/gcms/me.i/E022008I.b/eicb205.d
Report Date: 21-Feb-2008 15:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
64 Octane	85	14.189	14.189	(0.920)	137295	4.00000	4.358
65 Dibromochloromethane	129	14.200	14.199	(0.921)	356351	4.00000	4.694
66 1,2-Dibromoethane	107	14.495	14.495	(0.940)	245932	4.00000	4.825
67 Tetrachloroethene	129	14.587	14.598	(0.946)	178698	4.00000	4.248
68 Chlorobenzene	112	15.469	15.480	(1.003)	313801	4.00000	4.598
69 Ethylbenzene	91	15.776	15.786	(1.023)	619330	4.00000	5.006
70 m&p-Xylene	91	15.943	15.953	(1.034)	1065196	8.00000	10.05
72 Nonane	57	16.416	16.416	(1.065)	280243	4.00000	4.898
71 Bromoform	173	16.351	16.357	(1.060)	423827	4.00000	5.096
73 Styrene	104	16.405	16.410	(1.064)	327809	4.00000	5.334
74 o-Xylene	91	16.464	16.470	(1.068)	552321	4.00000	4.994
75 1,1,2,2-Tetrachloroethane	83	16.782	16.787	(1.088)	359394	4.00000	5.030
76 1,2,3-Trichloropropane	110	16.943	16.943	(1.099)	122949	4.00000	5.239
77 Cumene	105	17.067	17.078	(1.107)	741493	4.00000	4.987
78 n-Propylbenzene	120	17.616	17.621	(1.142)	172983	4.00000	5.439
79 2-chlorotoluene	126	17.642	17.648	(1.144)	145747	4.00000	5.014
80 4-Ethyltoluene	105	17.777	17.782	(1.153)	754241	4.00000	5.317
81 1,3,5-Trimethylbenzene	120	17.858	17.858	(1.158)	249585	4.00000	5.243
82 Alpha-Methylstyrene	118	18.084	18.083	(1.173)	248368	4.00000	5.195
83 Decane	57	18.191	18.191	(1.180)	360333	4.00000	5.013
84 tert-butylbenzene	119	18.288	18.288	(1.186)	652240	4.00000	5.144
85 1,2,4-Trimethylbenzene	105	18.299	18.304	(1.187)	660124	4.00000	5.071
86 sec-butylbenzene	105	18.568	18.568	(1.204)	879760	4.00000	5.094
87 1,3-Dichlorobenzene	146	18.557	18.562	(1.203)	363275	4.00000	4.803
88 Benzyl Chloride	91	18.632	18.632	(1.208)	657332	4.00000	4.925
89 1,4-Dichlorobenzene	146	18.643	18.648	(1.209)	354669	4.00000	4.825
90 p-Cymene	119	18.735	18.740	(1.215)	729959	4.00000	5.004
91 1,2-Dichlorobenzene	146	19.009	19.009	(1.233)	336402	4.00000	4.662
92 n-butylbenzene	91	19.176	19.181	(1.243)	758885	4.00000	4.877
93 Undecane	57	19.536	19.536	(1.267)	402266	4.00000	4.831
94 Dodecane	57	20.601	20.607	(1.336)	419591	4.00000	5.084
95 1,2,4-Trichlorobenzene	180	20.730	20.730	(1.344)	361351	4.00000	4.488
96 Napthalene	128	20.865	20.870	(1.353)	582949	4.00000	5.591
97 Hexachlorobutadiene	225	21.102	21.107	(1.368)	546712	4.00000	4.294
98 1,2,3-trichlorobenzene	180	21.155	21.155	(1.372)	366216	4.00000	4.335


Data File: /var/chem/gcms/me.i/E022008I.b/eicb205.d
Date : 20-FEB-2008 22:26
Client ID: STD 4.0
Sample Info: EICAL5,1.5,STD 4.0
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
Min
/var/chem/gcms/me.i/E022008I.b/eicb205.d
-Bromochloromethane+
-1,2-Dichloroethane-d4
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene+

Data File: /var/chem/gcms/me.i/E022008I.b/eicb206.d
Report Date: 21-Feb-2008 15:33

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/eicb206.d
Lab Smp Id: EICAL6 Client Smp ID: STD 8.0
Inj Date : 20-FEB-2008 23:04
Operator : 7126 Inst ID: me.i
Smp Info : EICAL6,,1,6,,STD 8.0
Misc Info : E022008I,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 21-Feb-2008 15:31 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 23:04 Cal File: eicb206.d
Als bottle: 11 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	8.438	8.443	(1.000)	106840	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.633	10.638	(1.000)	503434	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.420	15.426	(1.000)	511315	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.417	9.422	(0.886)	179342	4.00000	3.921
$	5 Toluene-d8	98	13.322	13.323	(0.864)	575165	4.00000	3.860
$	6 4-Bromofluorobenzene	95	17.077	17.083	(1.107)	589443	4.00000	4.135
	7 Chlorodifluoromethane	67	3.677	3.688	(0.436)	172248	8.00000	8.171
	8 Propene	41	3.688	3.693	(0.437)	254642	8.00000	8.091
	9 Dichlorodifluoromethane	85	3.731	3.736	(0.442)	1723874	8.00000	8.118
	10 Chloromethane	52	3.892	3.892	(0.461)	100091	8.00000	8.014
	11 1,2-Dichlorotetrafluoroethane	135	3.903	3.914	(0.463)	751149	8.00000	8.060
	12 Methanol	31	4.005	4.005	(0.475)	61967	8.00000	8.666
	13 Vinyl Chloride	62	4.048	4.048	(0.480)	365817	8.00000	7.874
	14 n-Butane	43	4.134	4.134	(0.490)	463548	8.00000	8.141
	15 1,3-Butadiene	54	4.129	4.129	(0.489)	231935	8.00000	7.926
	16 Bromomethane	94	4.414	4.414	(0.523)	389259	8.00000	7.847

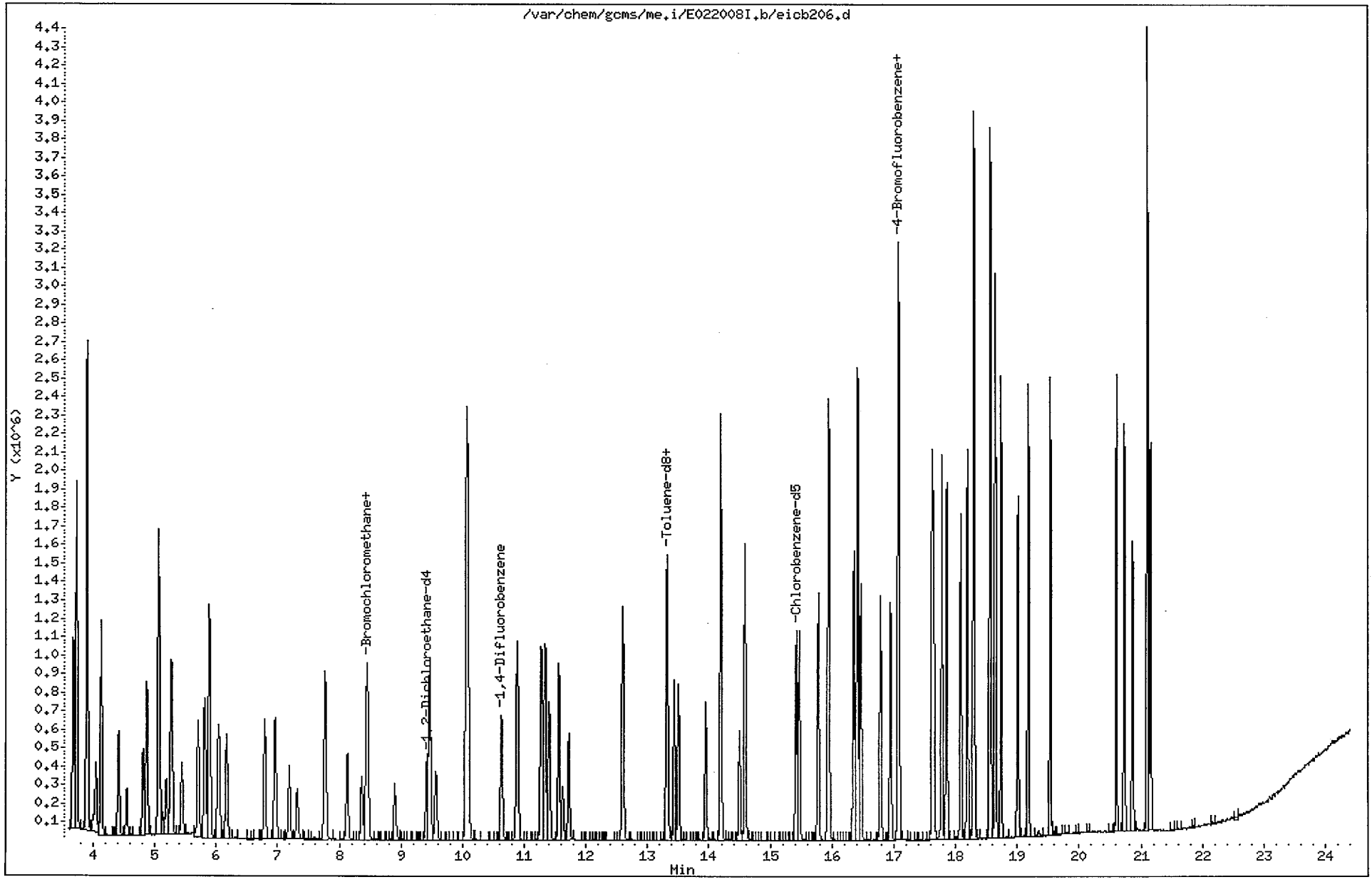
Data File: /var/chem/gcms/me.i/E022008I.b/eicb206.d
Report Date: 21-Feb-2008 15:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
17	Chloroethane	64	4.543	4.543	(0.538)	145818	8.00000	7.666
18	Vinyl Bromide	106	4.817	4.817	(0.571)	357744	8.00000	7.750
19	2-methyl butane	43	4.871	4.979	(0.577)	315913	8.00000	7.810
20	Trichlorofluoromethane	101	5.065	5.070	(0.600)	1467345	8.00000	7.337
21	Acrolein	56	5.070	5.081	(0.601)	73462	8.00000	7.118
22	Acetonitrile	40	5.124	5.124	(0.607)	76648	8.00000	7.495
23	Acetone	58	5.188	5.194	(0.615)	103461	8.00000	8.623
24	Pentane	72	5.275	5.285	(0.625)	49311	8.00000	8.134
25	Isopropyl Alcohol	45	5.253	5.269	(0.623)	495941	8.00000	7.587
26	Ethyl Ether	31	5.441	5.447	(0.645)	210066	8.00000	7.408
27	1,1-Dichloroethene	96	5.710	5.710	(0.677)	233175	8.00000	7.300
28	Acrylonitrile	53	5.807	5.823	(0.688)	117949	8.00000	7.762
29	tert-butanol	59	5.812	5.829	(0.689)	711329	8.00000	8.025
30	1,1,2-Trichlorotrifluoroethane	101	5.888	5.893	(0.698)	548731	8.00000	7.047
31	Methylene Chloride	84	6.028	6.028	(0.714)	207963	8.00000	7.129
32	3-Chloropropene	39	6.049	6.055	(0.717)	275430	8.00000	6.619
33	Carbon Disulfide	76	6.168	6.178	(0.731)	875500	8.00000	7.279
34	trans-1,2-Dichloroethene	96	6.792	6.808	(0.805)	253577	8.00000	7.451
35	Methyl-t-Butyl Ether	73	6.958	6.969	(0.825)	750184	8.00000	7.807
36	1,1-Dichloroethane	63	7.190	7.195	(0.852)	438410	8.00000	6.991
37	Vinyl Acetate	43	7.319	7.330	(0.867)	488134	8.00000	8.564
38	Hexane	56	7.776	7.782	(0.922)	202844	8.00000	7.457
39	2-Butanone	72	7.755	7.755	(0.919)	98624	8.00000	8.522
40	cis 1,2-Dichloroethene	96	8.131	8.137	(0.964)	208799	8.00000	7.470
41	Ethyl acetate	45	8.368	8.368	(0.992)	60033	8.00000	8.214
42	Chloroform	83	8.459	8.454	(1.003)	682312	8.00000	7.239
43	Tetrahydrofuran	42	8.895	8.927	(1.054)	198879	8.00000	8.087
44	1,1,1-Trichloroethane	97	9.465	9.471	(1.122)	849131	8.00000	7.132
45	1,2-Dichloroethane	62	9.562	9.573	(0.899)	461420	8.00000	7.032
48	Cyclohexane	69	10.068	10.079	(0.947)	129005	8.00000	7.936
46	Benzene	78	10.057	10.057	(0.946)	534712	8.00000	6.671
47	1-Butanol	31	10.062	10.106	(0.946)	107316	8.00000	7.808
49	Carbon Tetrachloride	117	10.084	10.084	(0.948)	1073224	8.00000	7.584
50	2,2,4-trimethylpentane	57	10.885	10.896	(1.024)	1049254	8.00000	7.607
51	Heptane	43	11.273	11.278	(1.060)	408129	8.00000	7.799
52	1,2-Dichloropropane	63	11.305	11.311	(1.063)	194514	8.00000	7.588
53	Trichloroethene	130	11.343	11.343	(1.067)	284465	8.00000	7.977
54	Dibromomethane	93	11.402	11.402	(1.072)	347384	8.00000	7.272
55	Bromodichloromethane	83	11.563	11.563	(1.088)	724615	8.00000	7.388
56	1,4-dioxane	88	11.622	11.644	(1.093)	149777	8.00000	9.064
57	methyl methacrylate	41	11.719	11.730	(1.102)	314144	8.00000	8.796
58	4-Methyl-2-pentanone	43	12.591	12.596	(1.184)	508395	8.00000	8.002
59	cis-1,3-Dichloropropene	75	12.602	12.602	(1.185)	373762	8.00000	7.561
60	trans-1,3-Dichloropropene	75	13.312	13.317	(0.863)	451935	8.00000	7.097
61	Toluene	91	13.435	13.441	(0.871)	634895	8.00000	5.794
62	1,1,2-Trichloroethane	97	13.505	13.511	(0.876)	236011	8.00000	7.190
63	2-Hexanone	58	13.946	13.968	(0.904)	227999	8.00000	7.590

Data File: /var/chem/gcms/me.i/E022008I.b/eicb206.d
Report Date: 21-Feb-2008 15:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
64 Octane	85	14.188	14.189	(0.920)	239625	8.00000	7.277
65 Dibromochloromethane	129	14.199	14.199	(0.921)	600014	8.00000	7.563
66 1,2-Dibromoethane	107	14.495	14.495	(0.940)	397883	8.00000	7.470
67 Tetrachloroethene	129	14.587	14.598	(0.946)	309747	8.00000	7.046
68 Chlorobenzene	112	15.469	15.480	(1.003)	520210	8.00000	7.293
69 Ethylbenzene	91	15.781	15.786	(1.023)	996710	8.00000	7.709
70 m&p-Xylene	91	15.948	15.953	(1.034)	1725016	16.0000	15.57
72 Nonane	57	16.416	16.416	(1.065)	457839	8.00000	7.657
71 Bromoform	173	16.351	16.357	(1.060)	713267	8.00000	8.206
73 Styrene	104	16.405	16.410	(1.064)	539455	8.00000	8.399
74 o-Xylene	91	16.469	16.470	(1.068)	890394	8.00000	7.704
75 1,1,2,2-Tetrachloroethane	83	16.781	16.787	(1.088)	577817	8.00000	7.738
76 1,2,3-Trichloropropane	110	16.943	16.943	(1.099)	195606	8.00000	7.976
77 Cumene	105	17.072	17.078	(1.107)	1176104	8.00000	7.569
78 n-Propylbenzene	120	17.621	17.621	(1.143)	276313	8.00000	8.313
79 2-chlorotoluene	126	17.648	17.648	(1.144)	239037	8.00000	7.869
80 4-Ethyltoluene	105	17.777	17.782	(1.153)	1201612	8.00000	8.106
81 1,3,5-Trimethylbenzene	120	17.857	17.858	(1.158)	394636	8.00000	7.932
82 Alpha-Methylstyrene	118	18.083	18.083	(1.173)	408848	8.00000	8.182
83 Decane	57	18.191	18.191	(1.180)	576926	8.00000	7.680
84 tert-butylbenzene	119	18.288	18.288	(1.186)	1048229	8.00000	7.910
85 1,2,4-Trimethylbenzene	105	18.298	18.304	(1.187)	1084205	8.00000	7.970
86 sec-butylbenzene	105	18.567	18.568	(1.204)	1423633	8.00000	7.887
87 1,3-Dichlorobenzene	146	18.557	18.562	(1.203)	594044	8.00000	7.516
88 Benzyl Chloride	91	18.637	18.632	(1.209)	1092684	8.00000	7.834
89 1,4-Dichlorobenzene	146	18.643	18.648	(1.209)	578854	8.00000	7.535
90 p-Cymene	119	18.740	18.740	(1.215)	1167906	8.00000	7.661
91 1,2-Dichlorobenzene	146	19.009	19.009	(1.233)	545010	8.00000	7.227
92 n-butylbenzene	91	19.181	19.181	(1.244)	1219441	8.00000	7.499
93 Undecane	57	19.536	19.536	(1.267)	622873	8.00000	7.158
94 Dodecane	57	20.601	20.607	(1.336)	621669	8.00000	7.208
95 1,2,4-Trichlorobenzene	180	20.730	20.730	(1.344)	578574	8.00000	6.877
96 Napthalene	128	20.865	20.870	(1.353)	929000	8.00000	8.482
97 Hexachlorobutadiene	225	21.101	21.107	(1.368)	857482	8.00000	6.444
98 1,2,3-trichlorobenzene	180	21.155	21.155	(1.372)	571534	8.00000	6.474

Data File: /var/chem/gcms/me.i/E022008I.b/eicb206.d
Date : 20-FEB-2008 23:04
Client ID: STD 8.0
Instrument: me.i
Sample Info: EICAL6,,1,6,,STD 8.0
Purge Volume: 500.0
Operator: 7126
Column phase: HP-5
Column diameter: 0.32



Data File: /var/chem/gcms/me.i/E022008I.b/eicb207.d
Report Date: 21-Feb-2008 15:33

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/eicb207.d
Lab Smp Id: EICAL7 Client Smp ID: STD 16
Inj Date : 20-FEB-2008 23:44
Operator : 7126 Inst ID: me.i
Smp Info : EICAL7,,1,7,,STD 16
Misc Info : E022008I,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 21-Feb-2008 15:31 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 23:44 Cal File: eicb207.d
Als bottle: 12 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	8.438	8.443	(1.000)	127042	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.638	10.638	(1.000)	577624	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.420	15.426	(1.000)	593778	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.417	9.422	(0.885)	213011	4.00000	4.059
$	5 Toluene-d8	98	13.322	13.323	(0.864)	669133	4.00000	3.867
$	6 4-Bromofluorobenzene	95	17.077	17.083	(1.107)	693277	4.00000	4.188
	7 Chlorodifluoromethane	67	3.671	3.688	(0.435)	300217	16.0000	11.98
	8 Propene	41	3.687	3.693	(0.437)	456053	16.0000	12.19
	9 Dichlorodifluoromethane	85	3.730	3.736	(0.442)	2883740	16.0000	11.42
	10 Chloromethane	52	3.892	3.892	(0.461)	171019	16.0000	11.52
	11 1,2-Dichlorotetrafluoroethane	135	3.903	3.914	(0.463)	1424386	16.0000	12.85
	12 Methanol	31	4.005	4.005	(0.475)	104735	16.0000	12.32
	13 Vinyl Chloride	62	4.048	4.048	(0.480)	635974	16.0000	11.51
	14 n-Butane	43	4.129	4.134	(0.489)	809930	16.0000	11.96
	15 1,3-Butadiene	54	4.129	4.129	(0.489)	429228	16.0000	12.34
	16 Bromomethane	94	4.414	4.414	(0.523)	706276	16.0000	11.97

Data File: /var/chem/gcms/me.i/E022008I.b/eicb207.d
Report Date: 21-Feb-2008 15:33

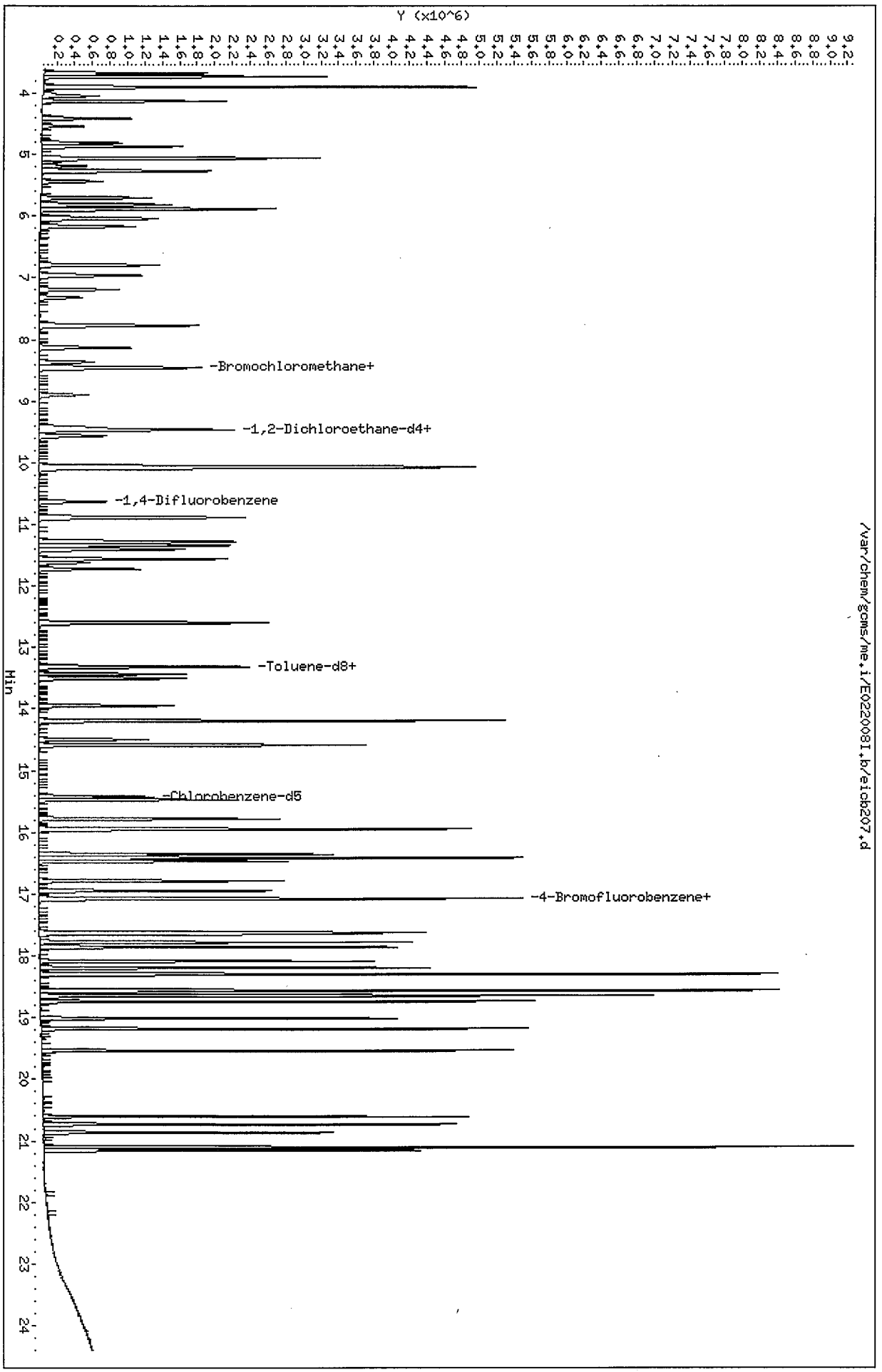
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	ON-COL (ppb(v/v))
17 Chloroethane	64	4.543	4.543	(0.538)	283780	16.0000	12.55
18 Vinyl Bromide	106	4.812	4.817	(0.570)	687415	16.0000	12.52
19 2-methyl butane	43	4.871	4.979	(0.577)	620442	16.0000	12.90
20 Trichlorofluoromethane	101	5.065	5.070	(0.600)	2824651	16.0000	11.88
21 Acrolein	56	5.070	5.081	(0.601)	136925	16.0000	11.16
22 Acetonitrile	40	5.124	5.124	(0.607)	137581	16.0000	11.31
23 Acetone	58	5.183	5.194	(0.614)	174777	16.0000	12.25
24 Pentane	72	5.274	5.285	(0.625)	101594	16.0000	14.09
25 Isopropyl Alcohol	45	5.253	5.269	(0.623)	984076	16.0000	12.66
26 Ethyl Ether	31	5.436	5.447	(0.644)	375318	16.0000	11.13
27 1,1-Dichloroethene	96	5.705	5.710	(0.676)	469061	16.0000	12.35
28 Acrylonitrile	53	5.807	5.823	(0.688)	214942	16.0000	11.90
29 tert-butanol	59	5.812	5.829	(0.689)	1434142	16.0000	13.61
30 1,1,2-Trichlorotrifluoroethane	101	5.888	5.893	(0.698)	1162178	16.0000	12.55
31 Methylene Chloride	84	6.022	6.028	(0.714)	430573	16.0000	12.41
32 3-Chloropropene	39	6.049	6.055	(0.717)	641625	16.0000	12.97
33 Carbon Disulfide	76	6.167	6.178	(0.731)	1672305	16.0000	11.69
34 trans-1,2-Dichloroethene	96	6.791	6.808	(0.805)	535689	16.0000	13.24
35 Methyl-t-Butyl Ether	73	6.958	6.969	(0.825)	1336881	16.0000	11.70
36 1,1-Dichloroethane	63	7.190	7.195	(0.852)	1004928	16.0000	13.48
37 Vinyl Acetate	43	7.319	7.330	(0.867)	870682	16.0000	12.85
38 Hexane	56	7.776	7.782	(0.922)	412808	16.0000	12.76
39 2-Butanone	72	7.754	7.755	(0.919)	186159	16.0000	13.53
40 cis 1,2-Dichloroethene	96	8.131	8.137	(0.964)	468301	16.0000	14.09
41 Ethyl acetate	45	8.362	8.368	(0.991)	112604	16.0000	12.96
42 Chloroform	83	8.459	8.454	(1.003)	1514470	16.0000	13.51
43 Tetrahydrofuran	42	8.895	8.927	(1.054)	357725	16.0000	12.23
44 1,1,1-Trichloroethane	97	9.465	9.471	(1.122)	1928820	16.0000	13.62
45 1,2-Dichloroethane	62	9.567	9.573	(0.899)	931361	16.0000	12.37
48 Cyclohexane	69	10.068	10.079	(0.946)	269278	16.0000	14.44
46 Benzene	78	10.057	10.057	(0.945)	1161864	16.0000	12.63
47 1-Butanol	31	10.057	10.106	(0.945)	220169	16.0000	16.02
49 Carbon Tetrachloride	117	10.084	10.084	(0.948)	2262135	16.0000	13.93
50 2,2,4-trimethylpentane	57	10.891	10.896	(1.024)	2307122	16.0000	14.58
51 Heptane	43	11.273	11.278	(1.060)	860813	16.0000	14.34
52 1,2-Dichloropropane	63	11.305	11.311	(1.063)	370672	16.0000	12.60
53 Trichloroethene	130	11.343	11.343	(1.066)	600815	16.0000	14.68
54 Dibromomethane	93	11.402	11.402	(1.072)	757948	16.0000	13.83
55 Bromodichloromethane	83	11.563	11.563	(1.087)	1624195	16.0000	14.43
56 1,4-dioxane	88	11.622	11.644	(1.093)	291103	16.0000	15.35
57 methyl methacrylate	41	11.719	11.730	(1.102)	624557	16.0000	15.24
58 4-Methyl-2-pentanone	43	12.591	12.596	(1.184)	1049153	16.0000	14.28
59 cis-1,3-Dichloropropene	75	12.601	12.602	(1.185)	752078	16.0000	13.26
60 trans-1,3-Dichloropropene	75	13.312	13.317	(0.863)	892471	16.0000	12.07
61 Toluene	91	13.435	13.441	(0.871)	1250216	16.0000	9.824
62 1,1,2-Trichloroethane	97	13.505	13.511	(0.876)	469509	16.0000	12.32
63 2-Hexanone	58	13.946	13.968	(0.904)	484033	16.0000	16.04

Data File: /var/chem/gcms/me.i/E022008I.b/eicb207.d
Report Date: 21-Feb-2008 15:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
64 Octane	85	14.188	14.189	(0.920)	566885	16.0000	14.82
65 Dibromochloromethane	129	14.199	14.199	(0.921)	1390548	16.0000	15.09
66 1,2-Dibromoethane	107	14.500	14.495	(0.940)	821086	16.0000	13.27
67 Tetrachloroethene	129	14.586	14.598	(0.946)	725279	16.0000	14.21
68 Chlorobenzene	112	15.469	15.480	(1.003)	1075140	16.0000	12.98
69 Ethylbenzene	91	15.781	15.786	(1.023)	2003394	16.0000	13.34
70 m&p-Xylene	91	15.947	15.953	(1.034)	3503418	32.0000	27.23(A)
72 Nonane	57	16.416	16.416	(1.065)	996411	16.0000	14.35
71 Bromoform	173	16.351	16.357	(1.060)	1569379	16.0000	15.55
73 Styrene	104	16.405	16.410	(1.064)	1152658	16.0000	15.45
74 o-Xylene	91	16.469	16.470	(1.068)	1789972	16.0000	13.34
75 1,1,2,2-Tetrachloroethane	83	16.781	16.787	(1.088)	1204760	16.0000	13.89
76 1,2,3-Trichloropropane	110	16.943	16.943	(1.099)	410612	16.0000	14.42
77 Cumene	105	17.072	17.078	(1.107)	2448123	16.0000	13.57
78 n-Propylbenzene	120	17.621	17.621	(1.143)	592861	16.0000	15.36
79 2-chlorotoluene	126	17.647	17.648	(1.144)	510825	16.0000	14.48
80 4-Ethyltoluene	105	17.777	17.782	(1.153)	2515533	16.0000	14.61
81 1,3,5-Trimethylbenzene	120	17.857	17.858	(1.158)	849438	16.0000	14.70
82 Alpha-Methylstyrene	118	18.083	18.083	(1.173)	891428	16.0000	15.36
83 Decane	57	18.191	18.191	(1.180)	1232248	16.0000	14.13
84 tert-butylbenzene	119	18.293	18.288	(1.186)	2320703	16.0000	15.08
85 1,2,4-Trimethylbenzene	105	18.298	18.304	(1.187)	2366318	16.0000	14.98
86 sec-butylbenzene	105	18.567	18.568	(1.204)	3139514	16.0000	14.98
87 1,3-Dichlorobenzene	146	18.557	18.562	(1.203)	1378650	16.0000	15.02
88 Benzyl Chloride	91	18.637	18.632	(1.209)	2435322	16.0000	15.03
89 1,4-Dichlorobenzene	146	18.648	18.648	(1.209)	1326811	16.0000	14.87
90 p-Cymene	119	18.739	18.740	(1.215)	2585941	16.0000	14.61
91 1,2-Dichlorobenzene	146	19.008	19.009	(1.233)	1206963	16.0000	13.78
92 n-butylbenzene	91	19.181	19.181	(1.244)	2665058	16.0000	14.11
93 Undecane	57	19.536	19.536	(1.267)	1306778	16.0000	12.93
94 Dodecane	57	20.606	20.607	(1.336)	1177742	16.0000	11.76
95 1,2,4-Trichlorobenzene	180	20.730	20.730	(1.344)	1251222	16.0000	12.81
96 Napthalene	128	20.864	20.870	(1.353)	1954600	16.0000	14.70
97 Hexachlorobutadiene	225	21.107	21.107	(1.369)	1866076	16.0000	12.08
98 1,2,3-trichlorobenzene	180	21.155	21.155	(1.372)	1186602	16.0000	11.57

QC Flag Legend

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


Data File: /var/chem/gcms/me.i/E0220081.b/eicb207.d
Date : 20-FEB-2008 23:44
Client ID: STD 16
Sample Info: EICAL7,1,7,,STD 16
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
/var/chem/gcms/me.i/E0220081.b/eicb207.d
Y (x10^6)
Min
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
-4-Bromofluorobenzene+

Data File: /var/chem/gcms/me.i/E022008I.b/eicb208.d
Report Date: 21-Feb-2008 15:33

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/eicb208.d
Lab Smp Id: EICAL8 Client Smp ID: STD 24
Inj Date : 21-FEB-2008 00:24
Operator : 7126 Inst ID: me.i
Smp Info : EICAL8I,,1,8,,STD 24
Misc Info : E022008,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 21-Feb-2008 15:31 tajh Quant Type: ISTD
Cal Date : 21-FEB-2008 00:24 Cal File: eicb208.d
Als bottle: 13 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	8.443	8.443	(1.000)	117211	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.638	10.638	(1.000)	517082	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.426	15.426	(1.000)	536633	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.423	9.422	(0.886)	188631	4.00000	4.016
$	5 Toluene-d8	98	13.323	13.323	(0.864)	617552	4.00000	3.949
$	6 4-Bromofluorobenzene	95	17.083	17.083	(1.107)	631695	4.00000	4.222
	7 Chlorodifluoromethane	67	3.677	3.688	(0.436)	465935	24.0000	20.15
	8 Propene	41	3.688	3.693	(0.437)	709294	24.0000	20.54
	9 Dichlorodifluoromethane	85	3.736	3.736	(0.442)	4565885	24.0000	19.60
	10 Chloromethane	52	3.898	3.892	(0.462)	276506	24.0000	20.18
	11 1,2-Dichlorotetrafluoroethane	135	3.903	3.914	(0.462)	2306065	24.0000	22.55
	12 Methanol	31	4.011	4.005	(0.475)	169891	24.0000	21.66
	13 Vinyl Chloride	62	4.048	4.048	(0.479)	997682	24.0000	19.57
	14 n-Butane	43	4.134	4.134	(0.490)	1280639	24.0000	20.50
	15 1,3-Butadiene	54	4.129	4.129	(0.489)	678065	24.0000	21.12
	16 Bromomethane	94	4.414	4.414	(0.523)	1129924	24.0000	20.76

Data File: /var/chem/gcms/me.i/E022008I.b/eicb208.d
Report Date: 21-Feb-2008 15:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
17 Chloroethane	64	4.543	4.543	(0.538)	441919	24.0000	21.18
18 Vinyl Bromide	106	4.818	4.817	(0.571)	1100484	24.0000	21.73
19 2-methyl butane	43	4.871	4.979	(0.577)	975880	24.0000	21.99
20 Trichlorofluoromethane	101	5.065	5.070	(0.600)	4271233	24.0000	19.47
21 Acrolein	56	5.076	5.081	(0.601)	214279	24.0000	18.92
22 Acetonitrile	40	5.130	5.124	(0.608)	231356	24.0000	20.62
23 Acetone	58	5.189	5.194	(0.615)	288513	24.0000	21.92
24 Pentane	72	5.275	5.285	(0.625)	153568	24.0000	23.09
25 Isopropyl Alcohol	45	5.259	5.269	(0.623)	1542643	24.0000	21.51
26 Ethyl Ether	31	5.442	5.447	(0.644)	590099	24.0000	18.97
27 1,1-Dichloroethene	96	5.711	5.710	(0.676)	703421	24.0000	20.07
28 Acrylonitrile	53	5.813	5.823	(0.688)	332148	24.0000	19.92
29 tert-butanol	59	5.818	5.829	(0.689)	2176252	24.0000	22.38
30 1,1,2-Trichlorotrifluoroethane	101	5.894	5.893	(0.698)	1756822	24.0000	20.56
31 Methylene Chloride	84	6.028	6.028	(0.714)	653772	24.0000	20.43
32 3-Chloropropene	39	6.050	6.055	(0.716)	995587	24.0000	21.81
33 Carbon Disulfide	76	6.173	6.178	(0.731)	2533997	24.0000	19.20
34 trans-1,2-Dichloroethene	96	6.792	6.808	(0.804)	807549	24.0000	21.63
35 Methyl-t-Butyl Ether	73	6.959	6.969	(0.824)	2118153	24.0000	20.09
36 1,1-Dichloroethane	63	7.190	7.195	(0.852)	1569165	24.0000	22.81
37 Vinyl Acetate	43	7.319	7.330	(0.867)	1359146	24.0000	21.73
38 Hexane	56	7.776	7.782	(0.921)	634256	24.0000	21.25
39 2-Butanone	72	7.755	7.755	(0.918)	298780	24.0000	23.53
40 cis 1,2-Dichloroethene	96	8.131	8.137	(0.963)	734873	24.0000	23.96
41 Ethyl acetate	45	8.368	8.368	(0.991)	178907	24.0000	22.31
42 Chloroform	83	8.460	8.454	(1.002)	2362659	24.0000	22.85
43 Tetrahydrofuran	42	8.895	8.927	(1.054)	578052	24.0000	21.43
44 1,1,1-Trichloroethane	97	9.466	9.471	(1.121)	3018317	24.0000	23.11
45 1,2-Dichloroethane	62	9.568	9.573	(0.899)	1572462	24.0000	23.33
48 Cyclohexane	69	10.068	10.079	(0.946)	421134	24.0000	25.22(A)
46 Benzene	78	10.063	10.057	(0.946)	2001060	24.0000	24.30(A)
47 1-Butanol	31	10.063	10.106	(0.946)	352563	24.0000	35.68(A)
49 Carbon Tetrachloride	117	10.084	10.084	(0.948)	3493282	24.0000	24.03(A)
50 2,2,4-trimethylpentane	57	10.891	10.896	(1.024)	3595388	24.0000	25.38(A)
51 Heptane	43	11.278	11.278	(1.060)	1338285	24.0000	24.90(A)
52 1,2-Dichloropropane	63	11.311	11.311	(1.063)	635436	24.0000	24.13(A)
53 Trichloroethene	130	11.343	11.343	(1.066)	928307	24.0000	25.34(A)
54 Dibromomethane	93	11.408	11.402	(1.072)	1237563	24.0000	25.22(A)
55 Bromodichloromethane	83	11.564	11.563	(1.087)	2682792	24.0000	26.63(A)
56 1,4-dioxane	88	11.623	11.644	(1.093)	451679	24.0000	26.61(A)
57 methyl methacrylate	41	11.725	11.730	(1.102)	989411	24.0000	26.97(A)
58 4-Methyl-2-pentanone	43	12.591	12.596	(1.184)	1639638	24.0000	24.84(A)
59 cis-1,3-Dichloropropene	75	12.602	12.602	(1.185)	1298326	24.0000	25.57(A)
60 trans-1,3-Dichloropropene	75	13.317	13.317	(0.863)	1484287	24.0000	22.21
61 Toluene	91	13.441	13.441	(0.871)	2107598	24.0000	18.32
62 1,1,2-Trichloroethane	97	13.506	13.511	(0.876)	786130	24.0000	22.82
63 2-Hexanone	58	13.952	13.968	(0.904)	772974	24.0000	35.09(A)

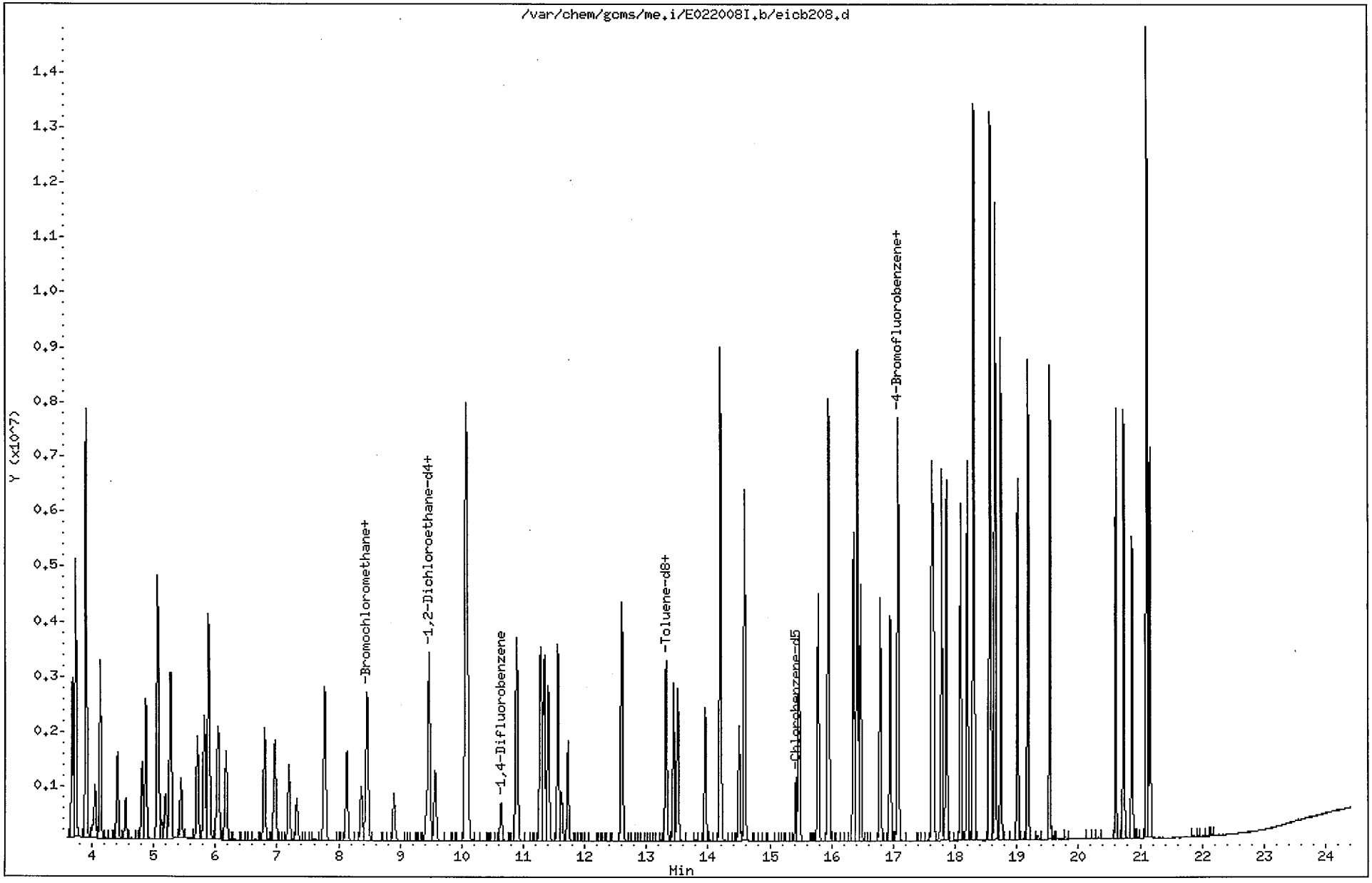
Data File: /var/chem/gcms/me.i/E022008I.b/eicb208.d
Report Date: 21-Feb-2008 15:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
64	Octane	85	14.194	14.189	(0.920)	955781	24.0000	27.66(A)
65	Dibromochloromethane	129	14.200	14.199	(0.920)	2458733	24.0000	29.53(A)
66	1,2-Dibromoethane	107	14.501	14.495	(0.940)	1412161	24.0000	25.26(A)
67	Tetrachloroethene	129	14.592	14.598	(0.946)	1214451	24.0000	26.32(A)
68	Chlorobenzene	112	15.475	15.480	(1.003)	1823758	24.0000	24.36(A)
69	Ethylbenzene	91	15.781	15.786	(1.023)	3211759	24.0000	23.67
70	m&p-Xylene	91	15.948	15.953	(1.034)	5621814	48.0000	48.34(A)
72	Nonane	57	16.416	16.416	(1.064)	1639490	24.0000	26.13(A)
71	Bromoform	173	16.357	16.357	(1.060)	2682704	24.0000	29.41(A)
73	Styrene	104	16.405	16.410	(1.063)	1931144	24.0000	28.65(A)
74	o-Xylene	91	16.470	16.470	(1.068)	2832565	24.0000	23.35
75	1,1,2,2-Tetrachloroethane	83	16.782	16.787	(1.088)	1898539	24.0000	24.22(A)
76	1,2,3-Trichloropropane	110	16.949	16.943	(1.099)	641293	24.0000	24.92(A)
77	Cumene	105	17.072	17.078	(1.107)	3877623	24.0000	23.78
78	n-Propylbenzene	120	17.621	17.621	(1.142)	965416	24.0000	27.67(A)
79	2-chlorotoluene	126	17.648	17.648	(1.144)	842333	24.0000	26.42(A)
80	4-Ethyltoluene	105	17.777	17.782	(1.152)	3995919	24.0000	25.68(A)
81	1,3,5-Trimethylbenzene	120	17.858	17.858	(1.158)	1364601	24.0000	26.13(A)
82	Alpha-Methylstyrene	118	18.084	18.083	(1.172)	1435348	24.0000	27.37(A)
83	Decane	57	18.197	18.191	(1.180)	1940227	24.0000	24.61(A)
84	tert-butylbenzene	119	18.293	18.288	(1.186)	3823257	24.0000	27.49(A)
85	1,2,4-Trimethylbenzene	105	18.299	18.304	(1.186)	3828000	24.0000	26.81(A)
86	sec-butylbenzene	105	18.568	18.568	(1.204)	5106651	24.0000	26.96(A)
87	1,3-Dichlorobenzene	146	18.557	18.562	(1.203)	2354172	24.0000	28.38(A)
88	Benzyl Chloride	91	18.638	18.632	(1.208)	3986342	24.0000	27.23(A)
89	1,4-Dichlorobenzene	146	18.648	18.648	(1.209)	2275983	24.0000	28.23(A)
90	p-Cymene	119	18.740	18.740	(1.215)	4174844	24.0000	26.09(A)
91	1,2-Dichlorobenzene	146	19.009	19.009	(1.232)	1988611	24.0000	25.12(A)
92	n-butylbenzene	91	19.181	19.181	(1.243)	4215735	24.0000	24.70(A)
93	Undecane	57	19.536	19.536	(1.266)	2121925	24.0000	23.24
94	Dodecane	57	20.607	20.607	(1.336)	1890462	24.0000	20.88
95	1,2,4-Trichlorobenzene	180	20.730	20.730	(1.344)	2109851	24.0000	23.89
96	Napthalene	128	20.865	20.870	(1.353)	3278835	24.0000	24.27(A)
97	Hexachlorobutadiene	225	21.107	21.107	(1.368)	3039020	24.0000	21.76
98	1,2,3-trichlorobenzene	180	21.155	21.155	(1.371)	1984867	24.0000	21.42

QC Flag Legend

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

Data File: /var/chem/gcms/me.i/E022008I.b/eicb208.d
Date : 21-FEB-2008 00:24
Client ID: STD 24
Instrument: me.i
Sample Info: EICAL8I,,1,8,,STD 24
Purge Volume: 500.0
Operator: 7126
Column phase: HP-5
Column diameter: 0.32



Data File: /var/chem/gcms/me.i/E022008I.b/pos7.d
Report Date: 22-Feb-2008 13:26

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/pos7.d
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 21-FEB-2008 01:42
Operator : 7126 Inst ID: me.i
Smp Info : ICV,,3,,,ICV
Misc Info : E022008I,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 22-Feb-2008 13:26 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 15 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	200.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.438	8.443	(1.000)	85890	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.633	10.638	(1.000)	414392	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.421	15.426	(1.000)	382163	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	9.417	9.422	(0.886)	156017	4.14441	10.36
$ 5 Toluene-d8	98	13.323	13.323	(0.864)	459250	4.12391	10.31
$ 6 4-Bromofluorobenzene	95	17.078	17.083	(1.107)	444108	4.16803	10.42
7 Chlorodifluoromethane	67	3.677	3.688	(0.436)	65253	3.85062	9.626
8 Propene	41	3.688	3.693	(0.437)	115663	4.57159	11.43
9 Dichlorodifluoromethane	85	3.736	3.736	(0.443)	745831	4.36918	10.92
10 Chloromethane	52	3.898	3.892	(0.462)	40727	4.05650	10.14
11 1,2-Dichlorotetrafluoroethane	135	3.909	3.914	(0.463)	295322	3.94163	9.854
12 Methanol	31	4.011	4.005	(0.475)	32903	5.72376	14.31(R)
13 Vinyl Chloride	62	4.054	4.048	(0.480)	146464	3.92148	9.804
14 n-Butane	43	4.134	4.134	(0.490)	190318	4.15765	10.39
15 1,3-Butadiene	54	4.129	4.129	(0.489)	94109	4.00040	10.00

Data File: /var/chem/gcms/me.i/E022008I.b/pos7.d
Report Date: 22-Feb-2008 13:26

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
16 Bromomethane	94	4.414	4.414	(0.523)	150739	3.77991	9.450
17 Chloroethane	64	4.543	4.543	(0.538)	57867	3.78425	9.461
18 Vinyl Bromide	106	4.818	4.817	(0.571)	161311	4.34726	10.87
19 2-methyl butane	43	4.871	4.979	(0.577)	138131	4.24778	10.62
20 Trichlorofluoromethane	101	5.065	5.070	(0.600)	626736	3.89810	9.745
21 Acrolein	56	5.076	5.081	(0.602)	34353	4.14052	10.35
22 Acetonitrile	40	5.130	5.124	(0.608)	38056	4.62906	11.57
23 Acetone	58	5.189	5.194	(0.615)	50823	5.26906	13.17
24 Pentane	72	5.275	5.285	(0.625)	21653	4.44291	11.11
25 Isopropyl Alcohol	45	5.253	5.269	(0.623)	277388	5.27863	13.20
26 Ethyl Ether	31	5.442	5.447	(0.645)	112257	4.92447	12.31
27 1,1-Dichloroethene	96	5.711	5.710	(0.677)	122744	4.78002	11.95
28 Acrylonitrile	53	5.808	5.823	(0.688)	58244	4.76790	11.92
29 tert-butanol	59	5.813	5.829	(0.689)	362525	5.08743	12.72
30 1,1,2-Trichlorotrifluoroethane	101	5.894	5.893	(0.698)	277526	4.43353	11.08
31 Methylene Chloride	84	6.028	6.028	(0.714)	95065	4.05386	10.13
32 3-Chloropropene	39	6.050	6.055	(0.717)	126196	3.77225	9.431
33 Carbon Disulfide	76	6.173	6.178	(0.732)	375280	3.88103	9.702
34 trans-1,2-Dichloroethene	96	6.792	6.808	(0.805)	111105	4.06112	10.15
35 Methyl-t-Butyl Ether	73	6.964	6.969	(0.825)	400446	5.18360	12.96
36 1,1-Dichloroethane	63	7.190	7.195	(0.852)	209083	4.14741	10.37
37 Vinyl Acetate	43	7.319	7.330	(0.867)	244072	5.32642	13.32
38 Hexane	56	7.776	7.782	(0.922)	91349	4.17716	10.44
39 2-Butanone	72	7.760	7.755	(0.920)	49913	5.36530	13.41
40 cis 1,2-Dichloroethene	96	8.132	8.137	(0.964)	96405	4.29018	10.72
41 Ethyl acetate	45	8.363	8.368	(0.991)	30835	5.24806	13.12
42 Chloroform	83	8.460	8.454	(1.003)	313602	4.13889	10.35
43 Tetrahydrofuran	42	8.901	8.927	(1.055)	102841	5.20212	13.00
44 1,1,1-Trichloroethane	97	9.466	9.471	(1.122)	391898	4.09481	10.24
45 1,2-Dichloroethane	62	9.562	9.573	(0.899)	239429	4.43313	11.08
48 Cyclohexane	69	10.068	10.079	(0.947)	57210	4.27556	10.69
46 Benzene	78	10.057	10.057	(0.946)	268152	4.06422	10.16
47 1-Butanol	31	10.063	10.106	(0.946)	62017	5.22497	13.06
49 Carbon Tetrachloride	117	10.084	10.084	(0.948)	500500	4.29690	10.74
50 2,2,4-trimethylpentane	57	10.886	10.896	(1.024)	451107	3.97342	9.934
51 Heptane	43	11.273	11.278	(1.060)	177970	4.13153	10.33
52 1,2-Dichloropropane	63	11.305	11.311	(1.063)	96557	4.57577	11.44
53 Trichloroethene	130	11.343	11.343	(1.067)	120638	4.10987	10.27
54 Dibromomethane	93	11.402	11.402	(1.072)	155990	3.96695	9.917
55 Bromodichloromethane	83	11.558	11.563	(1.087)	334522	4.14379	10.36
56 1,4-dioxane	88	11.623	11.644	(1.093)	71553	5.26032	13.15
57 methyl methacrylate	41	11.720	11.730	(1.102)	158614	5.39553	13.49
58 4-Methyl-2-pentanone	43	12.591	12.596	(1.184)	271514	5.23885	13.10
59 cis-1,3-Dichloropropene	75	12.602	12.602	(1.185)	179147	4.40254	11.01
60 trans-1,3-Dichloropropene	75	13.312	13.317	(0.863)	215470	4.52691	11.32
61 Toluene	91	13.436	13.441	(0.871)	311427	3.80238	9.506
62 1,1,2-Trichloroethane	97	13.506	13.511	(0.876)	110162	4.49058	11.23

Data File: /var/chem/gcms/me.i/E022008I.b/pos7.d
Report Date: 22-Feb-2008 13:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
63	2-Hexanone	58	13.947	13.968	(0.904)	118561	5.00544	12.51
64	Octane	85	14.189	14.189	(0.920)	103505	4.20578	10.51
65	Dibromochloromethane	129	14.194	14.199	(0.920)	269231	4.54052	11.35
66	1,2-Dibromoethane	107	14.496	14.495	(0.940)	185202	4.65211	11.63
67	Tetrachloroethene	129	14.587	14.598	(0.946)	133444	4.06140	10.15
68	Chlorobenzene	112	15.469	15.480	(1.003)	235721	4.42169	11.05
69	Ethylbenzene	91	15.776	15.786	(1.023)	491195	5.08293	12.71
70	m&p-Xylene	91	15.943	15.953	(1.034)	839295	10.1340	25.34
72	Nonane	57	16.416	16.416	(1.065)	218342	4.88575	12.21
71	Bromoform	173	16.352	16.357	(1.060)	323119	4.97401	12.44
73	Styrene	104	16.405	16.410	(1.064)	253042	5.27095	13.18
74	o-Xylene	91	16.464	16.470	(1.068)	439155	5.08365	12.71
75	1,1,2,2-Tetrachloroethane	83	16.782	16.787	(1.088)	289763	5.19186	12.98
76	1,2,3-Trichloropropane	110	16.943	16.943	(1.099)	95884	5.23121	13.08
77	Cumene	105	17.067	17.078	(1.107)	570099	4.90899	12.27
78	n-Propylbenzene	120	17.621	17.621	(1.143)	130890	5.26872	13.17
79	2-chlorotoluene	126	17.643	17.648	(1.144)	112700	4.96363	12.41
80	4-Ethyltoluene	105	17.777	17.782	(1.153)	586108	5.29006	13.22
81	1,3,5-Trimethylbenzene	120	17.852	17.858	(1.158)	201580	5.42093	13.55(R)
82	Alpha-Methylstyrene	118	18.084	18.083	(1.173)	201031	5.38309	13.46
83	Decane	57	18.191	18.191	(1.180)	290057	5.16649	12.92
84	tert-butylbenzene	119	18.288	18.288	(1.186)	516673	5.21651	13.04
85	1,2,4-Trimethylbenzene	105	18.299	18.304	(1.187)	543500	5.34568	13.36
86	sec-butylbenzene	105	18.562	18.568	(1.204)	698758	5.17949	12.95
87	1,3-Dichlorobenzene	146	18.557	18.562	(1.203)	282481	4.78189	11.95
88	Benzyl Chloride	91	18.632	18.632	(1.208)	539141	5.17138	12.93
89	1,4-Dichlorobenzene	146	18.643	18.648	(1.209)	281570	4.90382	12.26
90	p-Cymene	119	18.735	18.740	(1.215)	581599	5.10439	12.76
91	1,2-Dichlorobenzene	146	19.009	19.009	(1.233)	264930	4.70008	11.75
92	n-butylbenzene	91	19.176	19.181	(1.243)	636779	5.23953	13.10
93	Undecane	57	19.531	19.536	(1.267)	292823	4.50248	11.26
94	Dodecane	57	20.601	20.607	(1.336)	167753	2.60237	6.506
95	1,2,4-Trichlorobenzene	180	20.730	20.730	(1.344)	237795	3.78145	9.454
96	Napthalene	128	20.865	20.870	(1.353)	238059	3.02180	7.554
97	Hexachlorobutadiene	225	21.102	21.107	(1.368)	471998	4.74568	11.86
98	1,2,3-trichlorobenzene	180	21.150	21.155	(1.372)	195259	2.95905	7.398

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/gcms/me.i/E022008I.b/pos7.d
Report Date: 21-Feb-2008 15:34

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: pos7.d
Lab Smp Id: ICV
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022008I.b/TO155.m
Misc Info: E022008I,TO155,,,

Calibration Date: 20-FEB-2008
Calibration Time: 22:26
Client Smp ID: ICV
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
1 Bromochloromethan	102000	60690	143310	85890	-15.79
2 1,4-Difluorobenze	508225	302394	714056	414392	-18.46
3 Chlorobenzene-d5	489265	291113	687417	382163	-21.89

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.44	0.07
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.00
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	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: /var/chem/gcms/me.i/E022008I.b/pos7.d
Report Date: 22-Feb-2008 13:26

TestAmerica Knoxville

RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: ICV
Level: LOW
Data Type: MS DATA
SpikeList File: icv.spk
Sublist File: 1-all.sub
Method File: /var/chem/gcms/me.i/E022008I.b/TO155.m
Misc Info: E022008I,TO155,,,

Client SDG: E022008I
Fraction: OTHER
Client Smp ID: ICV
Operator: 7126
SampleType: LCS
Quant Type: ISTD

SPIKE	COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
7	Chlorodifluorometh	10.00	9.626	96.27	65-135
8	Propene	10.00	11.43	114.29	65-135
9	Dichlorodifluorome	10.00	10.92	109.23	65-135
10	Chloromethane	10.00	10.14	101.41	65-135
11	1,2-Dichlorotetraf	10.00	9.854	98.54	65-135
12	Methanol	10.00	14.31	143.09*	65-135
13	Vinyl Chloride	10.00	9.804	98.04	65-135
14	n-Butane	10.00	10.39	103.94	65-135
15	1,3-Butadiene	10.00	10.00	100.01	65-135
16	Bromomethane	10.00	9.450	94.50	65-135
17	Chloroethane	10.00	9.461	94.61	65-135
18	Vinyl Bromide	10.00	10.87	108.68	65-135
19	2-methyl butane	10.00	10.62	106.19	65-135
20	Trichlorofluoromet	10.00	9.745	97.45	65-135
21	Acrolein	10.00	10.35	103.51	65-135
22	Acetonitrile	10.00	11.57	115.73	65-135
23	Acetone	10.00	13.17	131.73	65-135
24	Pentane	10.00	11.11	111.07	65-135
25	Isopropyl Alcohol	10.00	13.20	131.97	65-135
26	Ethyl Ether	10.00	12.31	123.11	65-135
27	1,1-Dichloroethene	10.00	11.95	119.50	65-135
29	tert-butanol	10.00	12.72	127.19	65-135
28	Acrylonitrile	10.00	11.92	119.20	65-135
30	1,1,2-Trichlorotri	10.00	11.08	110.84	65-135
31	Methylene Chloride	10.00	10.13	101.35	65-135
32	3-Chloropropene	10.00	9.431	94.31	65-135
33	Carbon Disulfide	10.00	9.702	97.03	65-135
34	trans-1,2-Dichloro	10.00	10.15	101.53	65-135
35	Methyl-t-Butyl Eth	10.00	12.96	129.59	65-135
36	1,1-Dichloroethane	10.00	10.37	103.69	65-135
37	Vinyl Acetate	10.00	13.32	133.16	65-135
39	2-Butanone	10.00	13.41	134.13	65-135
38	Hexane	10.00	10.44	104.43	65-135

Data File: /var/chem/gcms/me.i/E022008I.b/pos7.d
Report Date: 22-Feb-2008 13:26

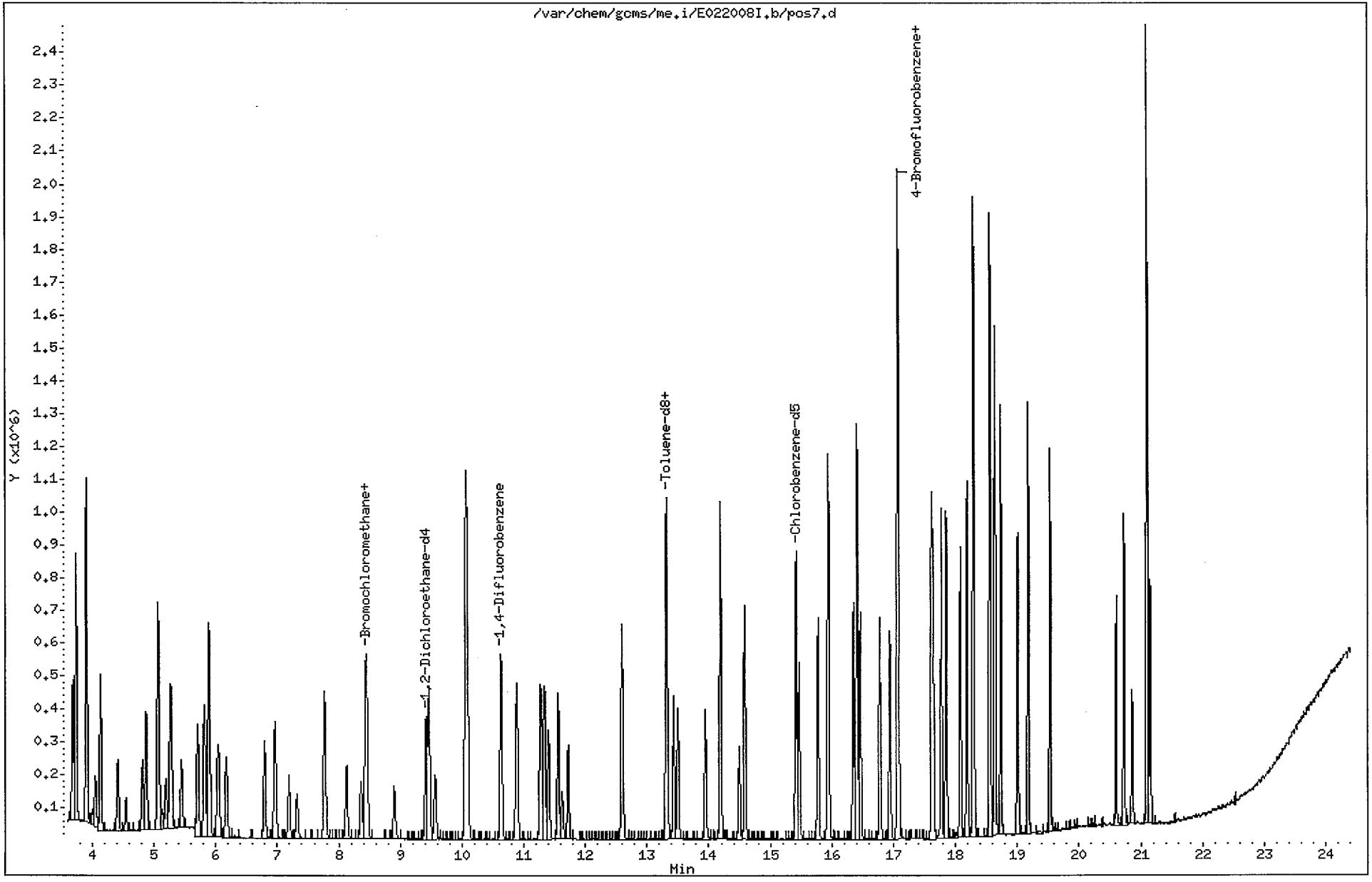
SPIKE	COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
40	cis 1,2-Dichloroet	10.00	10.72	107.25	65-135
41	Ethyl acetate	10.00	13.12	131.20	65-135
42	Chloroform	10.00	10.35	103.47	65-135
43	Tetrahydrofuran	10.00	13.00	130.05	65-135
44	1,1,1-Trichloroeth	10.00	10.24	102.37	65-135
45	1,2-Dichloroethane	10.00	11.08	110.83	65-135
47	1-Butanol	10.00	13.06	130.62	65-135
46	Benzene	10.00	10.16	101.61	65-135
48	Cyclohexane	10.00	10.69	106.89	65-135
49	Carbon Tetrachlori	10.00	10.74	107.42	65-135
50	2,2,4-trimethylpen	10.00	9.934	99.34	65-135
51	Heptane	10.00	10.33	103.29	65-135
52	1,2-Dichloropropan	10.00	11.44	114.39	65-135
53	Trichloroethene	10.00	10.27	102.75	65-135
54	Dibromomethane	10.00	9.917	99.17	65-135
55	Bromodichlorometha	10.00	10.36	103.59	65-135
56	1,4-dioxane	10.00	13.15	131.51	65-135
57	methyl methacrylat	10.00	13.49	134.89	65-135
58	4-Methyl-2-pentano	10.00	13.10	130.97	65-135
59	cis-1,3-Dichloropr	10.00	11.01	110.06	65-135
60	trans-1,3-Dichloro	10.00	11.32	113.17	65-135
61	Toluene	10.00	9.506	95.06	65-135
62	1,1,2-Trichloroeth	10.00	11.23	112.26	65-135
63	2-Hexanone	10.00	12.51	125.14	65-135
64	Octane	10.00	10.51	105.14	65-135
65	Dibromochlorometha	10.00	11.35	113.51	65-135
66	1,2-Dibromoethane	10.00	11.63	116.30	65-135
67	Tetrachloroethene	10.00	10.15	101.54	65-135
68	Chlorobenzene	10.00	11.05	110.54	65-135
69	Ethylbenzene	10.00	12.71	127.07	65-135
70	m&p-Xylene	20.00	25.34	126.68	65-135
72	Nonane	10.00	12.21	122.14	65-135
71	Bromoform	10.00	12.44	124.35	65-135
73	Styrene	10.00	13.18	131.77	65-135
74	o-Xylene	10.00	12.71	127.09	65-135
75	1,1,2,2-Tetrachlor	10.00	12.98	129.80	65-135
76	1,2,3-Trichloropro	10.00	13.08	130.78	65-135
77	Cumene	10.00	12.27	122.72	65-135
78	n-Propylbenzene	10.00	13.17	131.72	65-135
79	2-chlorotoluene	10.00	12.41	124.09	65-135
80	4-Ethyltoluene	10.00	13.22	132.25	65-135
81	1,3,5-Trimethylben	10.00	13.55	135.52*	65-135
82	Alpha-Methylstyren	10.00	13.46	134.58	65-135
83	Decane	10.00	12.92	129.16	65-135
84	tert-butylbenzene	10.00	13.04	130.41	65-135
85	1,2,4-Trimethylben	10.00	13.36	133.64	65-135
86	sec-butylbenzene	10.00	12.95	129.49	65-135

Data File: /var/chem/gcms/me.i/E022008I.b/pos7.d
Report Date: 22-Feb-2008 13:26

SPIKE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
87 1,3-Dichlorobenzen	10.00	11.95	119.55	65-135
88 Benzyl Chloride	10.00	12.93	129.28	65-135
89 1,4-Dichlorobenzen	10.00	12.26	122.60	65-135
90 p-Cymene	10.00	12.76	127.61	65-135
91 1,2-Dichlorobenzen	10.00	11.75	117.50	65-135
92 n-butylbenzene	10.00	13.10	130.99	65-135
93 Undecane	10.00	11.26	112.56	65-135
94 Dodecane	10.00	6.506	65.06	65-135
95 1,2,4-Trichloroben	10.00	9.454	94.54	65-135
96 Napthalene	10.00	7.554	75.55	65-135
97 Hexachlorobutadien	10.00	11.86	118.64	65-135
98 1,2,3-trichloroben	10.00	7.398	73.98	65-135

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	10.00	10.36	103.61	70-130
$ 5 Toluene-d8	10.00	10.31	103.10	70-130
$ 6 4-Bromofluorobenze	10.00	10.42	104.20	70-130

Data File: /var/chem/gcms/me.i/E022008I.b/pos7.d
Date : 21-FEB-2008 01:42
Client ID: ICV
Instrument: me.i
Sample Info: ICV,,3,,,ICV
Purge Volume: 200.0
Operator: 7126
Column phase: HP-5
Column diameter: 0.32



Data File: /var/chem/gcms/me.i/E022008I.b/pos8.d
Report Date: 21-Feb-2008 15:34

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022008I.b/pos8.d
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 21-FEB-2008 02:20
Operator : 7126 Inst ID: me.i
Smp Info : ICV,,3,,,ICV
Misc Info : E022008I,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022008I.b/TO155.m
Meth Date : 21-Feb-2008 15:31 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 16 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: pos8.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	200.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.438	8.443	(1.000)	107548	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.633	10.638	(1.000)	513346	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.421	15.426	(1.000)	477244	4.00000	4.000
12 Methanol	31	4.000	4.005	(0.474)	26552	3.68889	9.222
81 1,3,5-Trimethylbenzene	120	17.852	17.858	(1.158)	122299	2.63365	6.584

92 %
65.8 %
OK
2/21/08
H

Data File: /var/chem/gcms/me.i/E022008I.b/pos8.d
Report Date: 21-Feb-2008 15:34

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

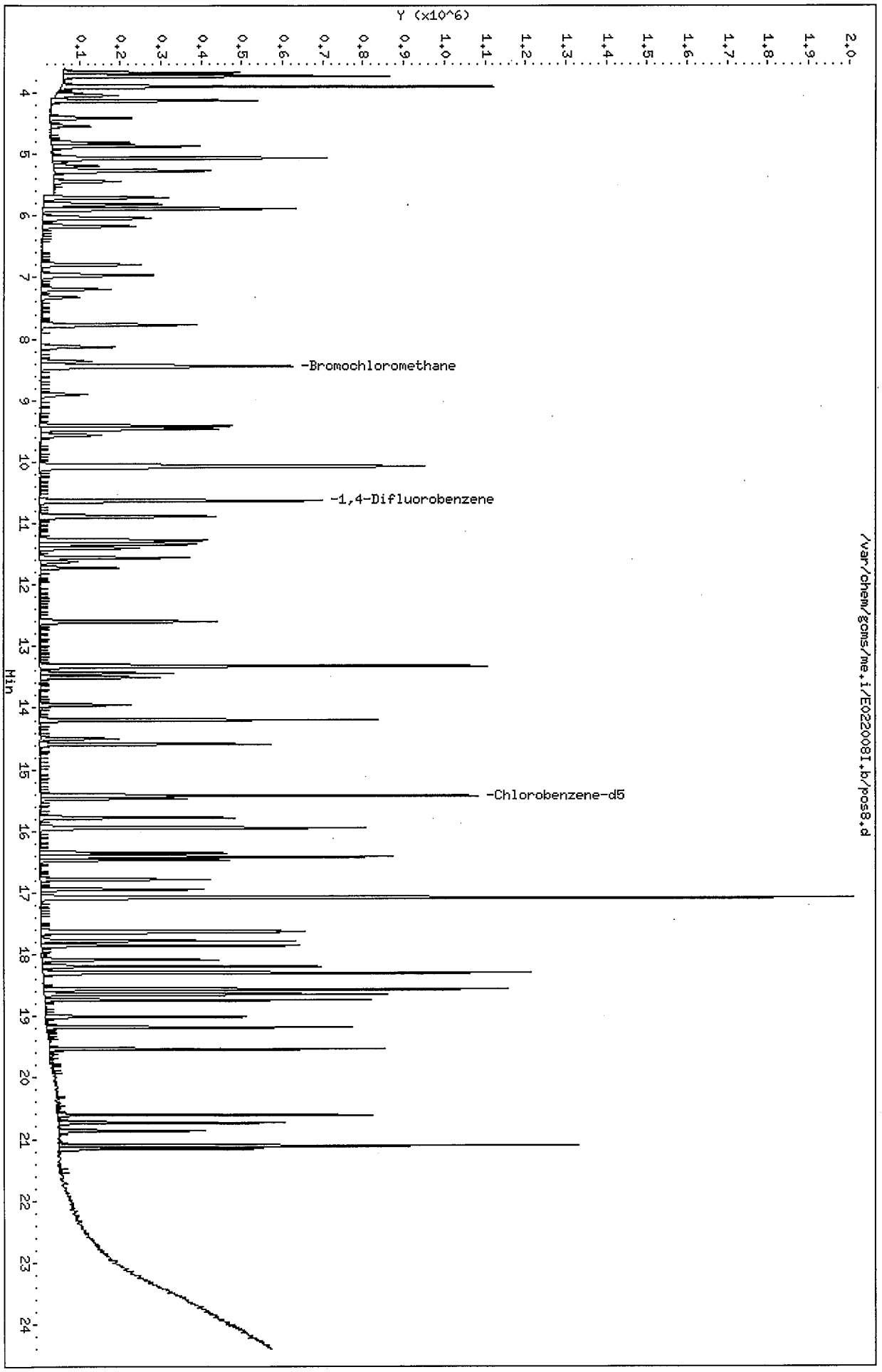
Instrument ID: me.i
Lab File ID: pos8.d
Lab Smp Id: ICV
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022008I.b/TO155.m
Misc Info: E022008I,TO155,,,

Calibration Date: 20-FEB-2008
Calibration Time: 22:26
Client Smp ID: ICV
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
1 Bromochloromethan	102000	60690	143310	107548	5.44
2 1,4-Difluorobenze	508225	302394	714056	513346	1.01
3 Chlorobenzene-d5	489265	291113	687417	477244	-2.46

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.44	0.06
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.00
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	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: /var/chem/gcms/me.i/E022008I.b/pos8.d
Date : 21-FEB-2008 02:20
Client ID: ICV
Sample Info: ICV,,3,,,ICV
Purge Volume: 200.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
Min
-Bromochloromethane
-1,4-Difluorobenzene
-Chlorobenzene-d5
/var/chem/gcms/me.i/E022008I.b/pos8.d

TestAmerica Knoxville GC/MS Air Continuing Calibration Review / Narrative Checklist
Method: TO-14 and TO-15 - KNOX-MS-0001, Rev 9

Analysis Date:	2/25/08	CCAL Batch/ Scan Name:	E022508	Instrument:	ME	ICAL Batch/ Scan Name:	E022008I	Scanned □

Review Items	N/A	Yes	No	If No, why is data reportable?	2nd ➡
1. Did BFB meet tune criteria?		✓			✓
2. Were all standards injected within 24 hr of BFB?		✓			✓
3. Have the Entech position no. & vol. been verified with run log & sample vol. corrected if actual amount differs >5%?		✓			✓
4. Was date/time of analysis verified between analysis header and logbook as correct?		✓			✓
5. Was the CCAL compared to the correct ICAL?		✓			✓
6. Is the %D ≤ 30% for all target analytes? Up to 4 analytes allowed over 30% but ≤ 40% D (Narrative req'd.).		2/26/08 I-	✓	1,1-DCA -36% 1,1,1-TCA -35% Chloroform -34%	✓
7. Have all peaks been auto identified? If not, list:		✓			✓
8. If manual integrations were performed, are they clearly identified, initialed, dated and reason given?	✓			Reasons: 1)Corrected split peak; 2)Unresolved peak; 3)tailing; 4)RT shift; 5)wrong peak selected; 6)other	NA
9. Have alternate hits/manual integrations been verified as correct and are correct RFs listed in CCAL summary?	✓				NA
10. Is the first IS documented correctly on the log?		✓			✓
11. Is the ICAL date & time on the CCAL correct?		✓			✓
12. Elution order checked on isomeric pairs?		✓			✓
• dichlorodifluoromethane / 1,2-dichlorotetrafluoroethane		✓			✓
• trichlorofluoromethane / 1,1,2-trichlorotrifluoroethane		✓			✓
• vinyl acetate / hexane		✓			✓
• cis- and trans- isomers		✓			✓
• ethyl benzene / m/p-xylene / o-xylene		✓			✓
• 4-ethyl toluene/1,3,5-trimethylbenzene/1,2,4-trimethylbenzene		✓			✓
• 1,3- , 1,4- , and 1,2-dichlorobenzene		✓			✓
13. Did the LCS meet criteria (nonpolar target analytes 70-130%, with up to 2 nonpolars 60-140%; polar target analytes 60-140%, with up to 2 polars 45-155%)?			✓	□ [lcs6] LCS analyte(s) flagged as being outside control limits, but SOP allows 2 polars and 2 nonpolars outside 70-130%R. Dec #6 08-0007630 for LCS.	✓
14. If criteria were not met, was a NCM generated, approved by supervisor, and copy included in folder?		✓			✓
15. Does the CCAL folder contain **complete** data in the following order: data review checklist, a **complete** runlog, Entech report, tune pass/fail page, m/z list, tune chromatogram, Target CCAL summary, Quan report, chromatogram, manual integrations and leak check report.		✓			✓

Analyst:	Date: 2/26/08	2nd Level Reviewer :	Date: 02/27/08
Comments:		Comments:	

TestAmerica Knoxville
TO-14/15 RUN LOG

GCMS Analysis: TO-14/15

Analyst: HLL Qtims Batch: 8057051 KHLLK Inst: ME

Date: 2-25-08 ICAL Batch: ED21008F Target Batch: ED21508 IS #1 Area: 94875

Surr/IS ID & Vol.: 20mL V176 System Date/Time ok (y/n): Y

Preventive Maintenance Performed ☐Daily

Time	Use	Lot No.	File ID	Can #	Pos	Vol* (mL)	Can DF	Comments
0650	✓	fume	BBFBB25	—	—	—	-1	
0809	✓	CCV	ECCVB25	CX1698	15	40		1,1-DCA Chloroform 730M <40. 1,1,1-TCA
0809	✓	LCS	ELCSB25	↓	15	40		
0903	N	BLK	Blank	—	16	500		
0949	✓	↓	EBLKB25	—	16	↓	↓	
1057	✓	H8B170101	KG8C32AA	62330	1	30	13.09	
1134	✓	H8B210257	KHFXF1AA	12445	2	500	1	
1218	✓		XL	6366	3	760	1.52	
130	✓		XM	6640	4	500	1	
1346	✓		XQ	6589	5			
1427	✓		XV	1492	6			
1614	~~✓~~ N 2/26/08		XW	6677	7			
1656	~~✓~~ N 2/26/08		XO	980513	8			
1740	~~✓~~ N		XI	12212	9			
1818	N	H8B210276	KHF262AA	12878	10	20	1	
1858	✓	H8B220138	KHG8M1AA	92041	11	200	1	blkm
1938	✓		8P	12573	12			
2017	✓		8Q	12460	13			
2058	✓		8R	6671	14			
2138	✓		8T	1115	15			
2219	dup		8TD	↓	15			
2256	N	H8B190120	KG9PX1AA	0076	1	20	1233.68	needs IX1 1,2-DCA 60. RR20mL
2337	N	RR20	P1	12308	2	200	61.68	
0017	OK volume		P2	04738	3	300	123.37	
0059	OK volume	↓	P3	04748	4	400	20.42	
1532	N	lot blk	7399	2996	5	500	1	
0314	N	↓	7400	7470	16	↓		
0144	N	↓	7399A	2996	5	500		
								2/26/08

Entech programmed Volume. If the Entech report amount differs from the programmed amount by >5%, the Entech report amount is used for calulations.

Analyst: _____ Date: 2/26/08

Test America - Knoxville

Entech Autosampler Log

Sample	Position	Volume	AnDate	AnTime
bfb	16	0	2/25/2008	6:50
CCV	15	41	2/25/2008	8:09
BLK	16	502	2/25/2008	9:03
BLK	16	501	2/25/2008	9:49
KG8C3	1	31	2/25/2008	10:51
KHFXF	2	501	2/25/2008	11:34
KHFXL	3	760	2/25/2008	12:18
KHFXM	4	501	2/25/2008	13:01
KHFXQ	5	500	2/25/2008	13:46
KHFXV	6	501	2/25/2008	14:27
7399	5	501	2/25/2008	15:32
KHFXW	7	500	2/25/2008	16:14
KHFX0	8	500	2/25/2008	16:56
KHFX1	9	500	2/25/2008	17:40
KHF26	10	20	2/25/2008	18:18
KHG8M	11	200	2/25/2008	18:58
KHG8P	12	201	2/25/2008	19:38
KHG8Q	13	200	2/25/2008	20:17
KHG8R	14	201	2/25/2008	20:58
KHG8T	15	202	2/25/2008	21:38
KHG8T	15	200	2/25/2008	22:19
KG9PX	1	20	2/25/2008	22:56
KG9P1	2	201	2/25/2008	23:37
KG9P2	3	301	2/26/2008	0:17
KG9P3	4	400	2/26/2008	0:59
7399	5	501	2/26/2008	1:44
7400	16	500	2/26/2008	3:14

Data File: /chem/gcms/me.i/E022508.b/ebfbb25.d

Date : 25-FEB-2008 06:50

Client ID: BFB

Instrument: me.i

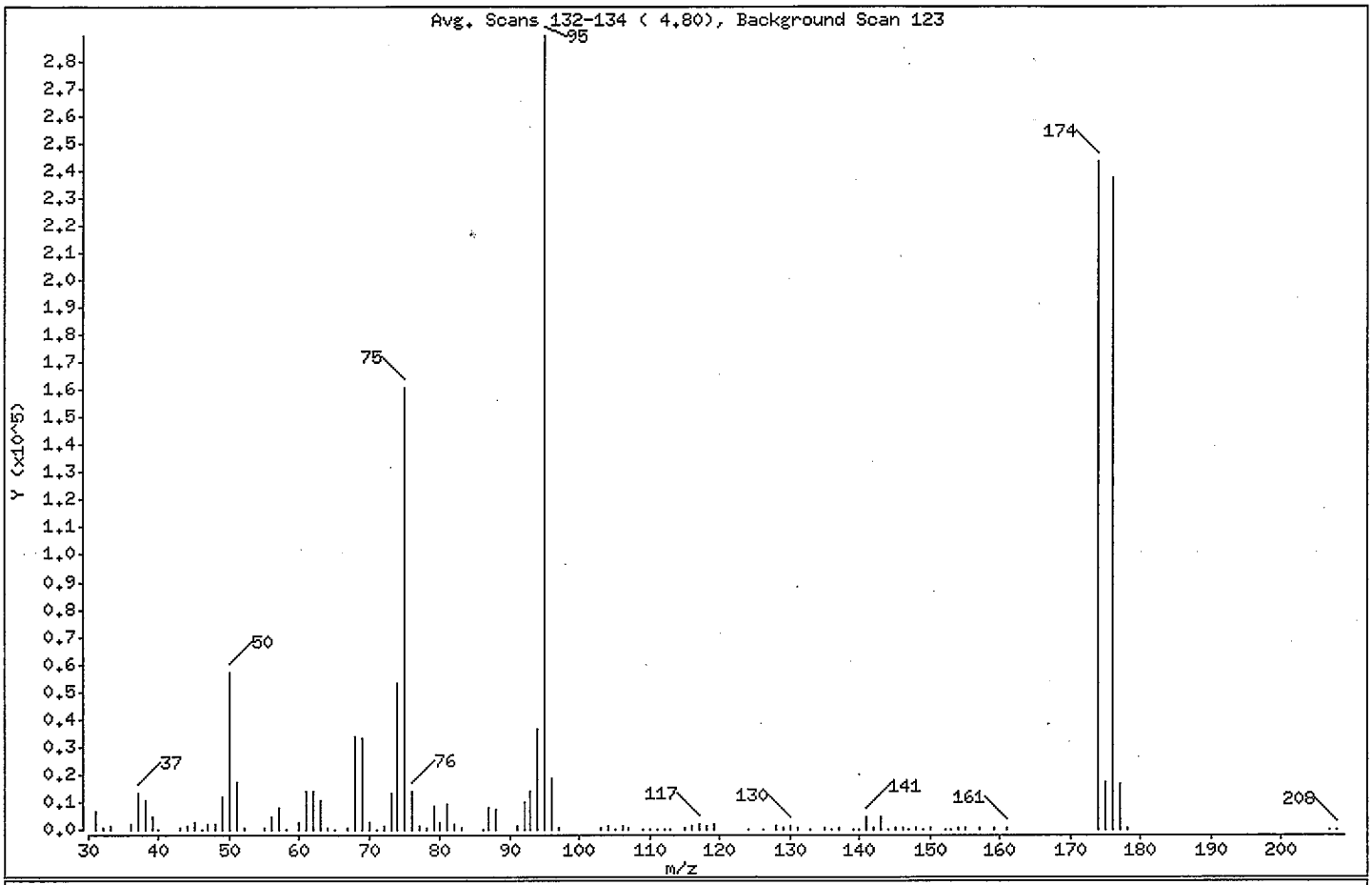
Sample Info: BFB,,3,,,BFB

Operator: 7126

Column phase: HP-5

Column diameter: 0.32

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	19.85
75	30.00 - 60.00% of mass 95	55.74
96	5.00 - 9.00% of mass 95	6.54
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	84.18
175	5.00 - 9.00% of mass 174	5.93 (7.05)
176	95.00 - 101.00% of mass 174	82.05 (97.47)
177	5.00 - 9.00% of mass 176	5.66 (6.90)

Data File: /chem/gcms/me.i/E022508.b/ebfbb25.d

Date : 25-FEB-2008 06:50

Client ID: BFB

Instrument: me.i

Sample Info: BFB,,3,,,BFB

Operator: 7126

Column phase: HP-5

Column diameter: 0.32

Data File: ebfbb25.d
Spectrum: Avg. Scans 132-134 (4.80), Background Scan 123
Location of Maximum: 95.00
Number of points: 106

m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	6841	65.00	147	97.00	593	140.00	327
32.00	819	67.00	642	103.00	378	141.00	4768
33.00	1126	68.00	34144	104.00	1438	142.00	521
36.00	2297	69.00	33504	105.00	176	143.00	4612
37.00	13270	70.00	2428	106.00	1578	144.00	179
38.00	10903	71.00	277	107.00	446	145.00	344
39.00	4456	72.00	1540	109.00	67	146.00	617
40.00	170	73.00	13012	110.00	82	147.00	306
43.00	351	74.00	53312	111.00	244	148.00	819
44.00	1213	75.00	161088	112.00	173	149.00	256
45.00	2569	76.00	13917	113.00	277	150.00	492
46.00	99	77.00	1194	115.00	434	152.00	67
47.00	2239	78.00	912	116.00	1328	153.00	230
48.00	1779	79.00	8378	117.00	2195	154.00	375
49.00	11848	80.00	2584	118.00	1135	155.00	666
50.00	57360	81.00	9006	119.00	1898	157.00	598
51.00	17568	82.00	1986	124.00	171	159.00	580
52.00	962	83.00	365	126.00	139	161.00	710
55.00	543	86.00	158	128.00	1220	174.00	243328
56.00	4704	87.00	7732	129.00	592	175.00	17152
57.00	8016	88.00	7362	130.00	1319	176.00	237184
58.00	310	91.00	1005	131.00	416	177.00	16359
60.00	2818	92.00	9666	133.00	74	178.00	540
61.00	14001	93.00	14014	135.00	756	207.00	90
62.00	14117	94.00	36816	136.00	153	208.00	147
63.00	10929	95.00	289024	137.00	679		
64.00	973	96.00	18904	139.00	72		

Data File: /chem/gcms/me.i/E022508.b/ebfbb25.d

Date : 25-FEB-2008 06:50

Client ID: BFB

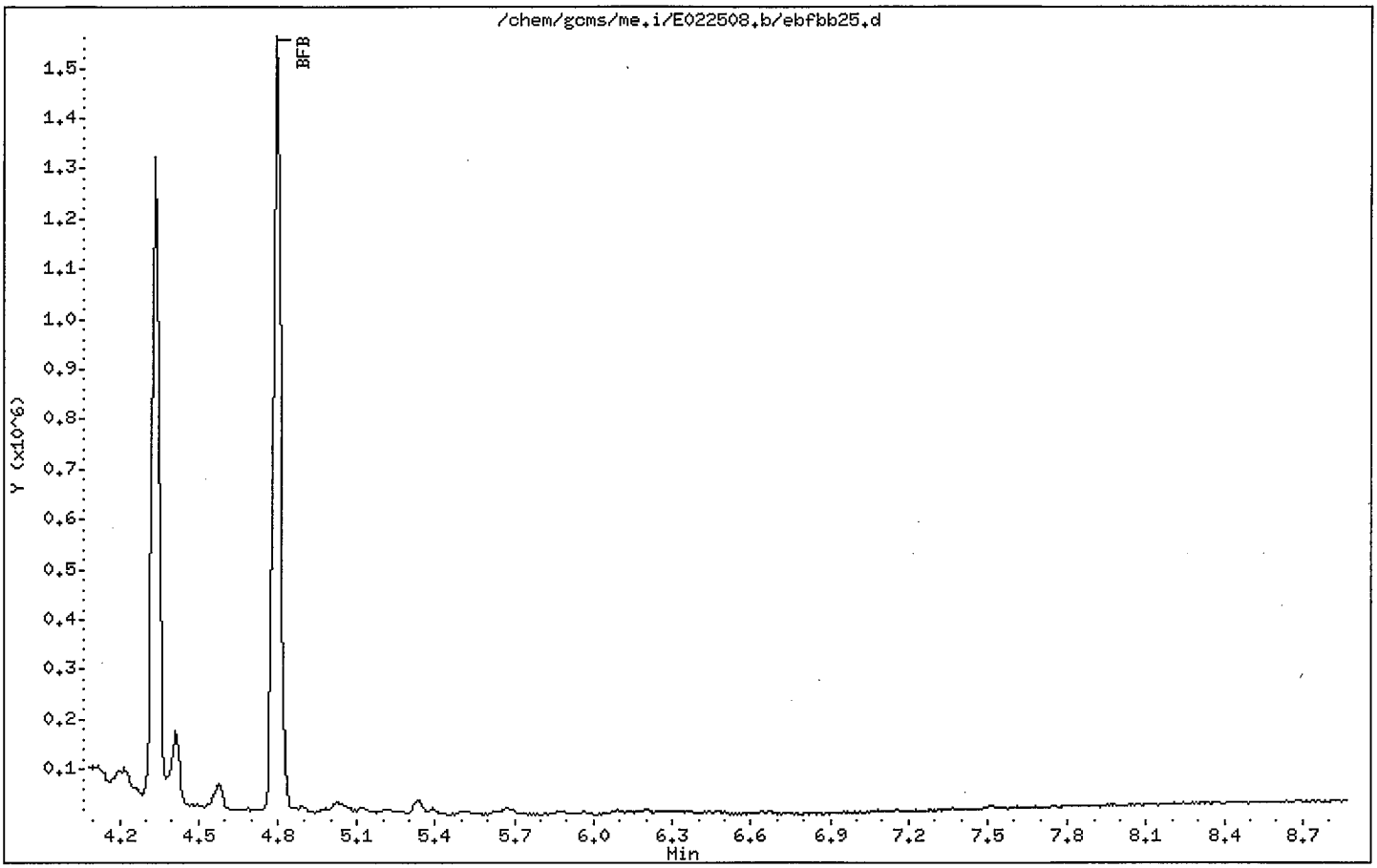
Instrument: me.i

Sample Info: BFB,,3,,,BFB

Operator: 7126

Column phase: HP-5

Column diameter: 0.32



Data File: /var/chem/gcms/me.i/E022508.b/eccvb25.d
Report Date: 26-Feb-2008 08:09

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: me.i
Lab File ID: eccvb25.d
Analysis Type: AIR
Lab Sample ID: CCV
Method: /chem/gcms/me.i/E022508.b/TO15S.m

Injection Date: 25-FEB-2008 08:09
Init. Cal. Date(s): 20-FEB-2008 21-FEB-2008
Init. Cal. Times: 18:40 00:24
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 4 1,2-Dichloroethane-d4	0.36338	0.39991	0.39991	0.000	-10.05340	30.00000	Averaged	
$ 5 Toluene-d8	1.16561	1.18402	1.18402	0.000	-1.57963	30.00000	Averaged	
$ 6 4-Bromofluorobenzene	1.11524	1.20060	1.20060	0.000	-7.65385	30.00000	Averaged	
7 Chlorodifluoromethane	0.78920	1.02020	1.02020	0.000	-29.26954	30.00000	Averaged	
8 Propene	1.17827	1.43920	1.43920	0.000	-22.14508	30.00000	Averaged	
9 Dichlorodifluoromethane	7.94983	9.77540	9.77540	0.000	-22.96363	30.00000	Averaged	
10 Chloromethane	0.46757	0.53775	0.53775	0.000	-15.00945	30.00000	Averaged	
11 1,2-Dichlorotetrafluoroetha	3.48929	4.53958	4.53958	0.000	-30.10032	30.00000	Averaged	<- Ok
12 Methanol	0.26771	0.40388	0.40388	0.000	-50.86164	30.00000	Averaged	<- NT
13 Vinyl Chloride	1.73940	2.05666	2.05666	0.000	-18.23998	30.00000	Averaged	
14 n-Butane	2.13181	2.60107	2.60107	0.000	-22.01221	30.00000	Averaged	
15 1,3-Butadiene	1.09558	1.33672	1.33672	0.000	-22.01020	30.00000	Averaged	
16 Bromomethane	1.85721	2.28994	2.28994	0.000	-23.29976	30.00000	Averaged	
17 Chloroethane	0.71215	0.92369	0.92369	0.000	-29.70478	30.00000	Averaged	
18 Vinyl Bromide	1.72809	2.21889	2.21889	0.000	-28.40121	30.00000	Averaged	
19 2-methyl butane	1.51442	1.96349	1.96349	0.000	-29.65274	30.00000	Averaged	
20 Trichlorofluoromethane	7.48771	9.61498	9.61498	0.000	-28.41006	30.00000	Averaged	
21 Acrolein	0.38639	0.43297	0.43297	0.000	-12.05448	30.00000	Averaged	
22 Acetonitrile	0.38287	0.43172	0.43172	0.000	-12.75990	30.00000	Averaged	
23 Acetone	0.44921	0.51583	0.51583	0.000	-14.83174	30.00000	Averaged	
24 Pentane	0.22697	0.29590	0.29590	0.000	-30.37198	30.00000	Averaged	<- Ok
25 Isopropyl Alcohol	2.44728	3.08908	3.08908	0.000	-26.22512	30.00000	Averaged	
26 Ethyl Ether	1.06163	1.23120	1.23120	0.000	-15.97307	30.00000	Averaged	
27 1,1-Dichloroethene	1.19588	1.40730	1.40730	0.000	-17.67864	30.00000	Averaged	
28 Acrylonitrile	0.56891	0.60998	0.60998	0.000	-7.21948	30.00000	Averaged	
29 tert-butanol	3.31862	3.99174	3.99174	0.000	-20.28332	30.00000	Averaged	
30 1,1,2-Trichlorotrifluoroeth	2.91522	3.42534	3.42534	0.000	-17.49869	30.00000	Averaged	
31 Methylene Chloride	1.09212	1.26045	1.26045	0.000	-15.41300	30.00000	Averaged	
32 3-Chloropropene	1.55798	2.10216	2.10216	0.000	-34.92827	30.00000	Averaged	<- NT
33 Carbon Disulfide	4.50324	4.96371	4.96371	0.000	-10.22511	30.00000	Averaged	
34 trans-1,2-Dichloroethene	1.27410	1.51970	1.51970	0.000	-19.27566	30.00000	Averaged	
35 Methyl-t-Butyl Ether	3.59774	3.94665	3.94665	0.000	-9.69808	30.00000	Averaged	
36 1,1-Dichloroethane	2.34779	3.15867	3.15867	0.000	-34.53817	30.00000	Averaged	<-
37 Vinyl Acetate	2.13403	2.53885	2.53885	0.000	-18.97000	30.00000	Averaged	
38 Hexane	1.01845	1.22140	1.22140	0.000	-19.92741	30.00000	Averaged	

Data File: /var/chem/gcms/me.i/E022508.b/eccvb25.d
Report Date: 26-Feb-2008 08:09

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: me.i
Lab File ID: eccvb25.d
Analysis Type: AIR
Lab Sample ID: CCV
Method: /chem/gcms/me.i/E022508.b/TO15S.m

Injection Date: 25-FEB-2008 08:09
Init. Cal. Date(s): 20-FEB-2008 21-FEB-2008
Init. Cal. Times: 18:40 00:24
Quant Type: ISTD

			CCAL	MIN		MAX	
COMPOUND	RRF / AMOUNT	RF4	RRF4	RRF	%D / %DRIFT	%D / %DRIFT	CURVE TYPE
39 2-Butanone	0.43325	0.50896	0.50896	0.000	-17.47439	30.00000	Averaged
40 cis 1,2-Dichloroethene	1.04650	1.35972	1.35972	0.000	-29.92972	30.00000	Averaged
41 Ethyl Acetate	0.27363	0.31557	0.31557	0.000	-15.32907	30.00000	Averaged
42 Chloroform	3.52868	4.74038	4.74038	0.000	-34.33870	30.00000	Averaged <-
43 Tetrahydrofuran	0.92067	1.04889	1.04889	0.000	-13.92728	30.00000	Averaged
44 1,1,1-Trichloroethane	4.45714	6.02547	6.02547	0.000	-35.18692	30.00000	Averaged <-
45 1,2-Dichloroethane	0.52133	0.64265	0.64265	0.000	-23.27153	30.00000	Averaged
48 Cyclohexane	0.12916	0.15630	0.15630	0.000	-21.01619	30.00000	Averaged
46 Benzene	0.63687	0.69818	0.69818	0.000	-9.62592	30.00000	Averaged
47 1-Butanol	4.58327	4.00000	0.13270	0.000	-14.58184	30.00000	Quadratic
49 Carbon Tetrachloride	1.12434	1.36755	1.36755	0.000	-21.63181	30.00000	Averaged
50 2,2,4-trimethylpentane	1.09588	1.39969	1.39969	0.000	-27.72308	30.00000	Averaged
51 Heptane	0.41580	0.50884	0.50884	0.000	-22.37603	30.00000	Averaged
52 1,2-Dichloropropane	0.20369	0.23024	0.23024	0.000	-13.03618	30.00000	Averaged
53 Trichloroethene	0.28334	0.30432	0.30432	0.000	-7.40671	30.00000	Averaged
54 Dibromomethane	0.37957	0.46357	0.46357	0.000	-22.13223	30.00000	Averaged
55 Bromodichloromethane	0.77925	1.00470	1.00470	0.000	-28.93178	30.00000	Averaged
56 1,4-dioxane	0.13130	0.16100	0.16100	0.000	-22.62266	30.00000	Averaged
57 Methyl Methacrylate	0.28376	0.34269	0.34269	0.000	-20.76508	30.00000	Averaged
58 4-Methyl-2-pentanone	4.32166	4.00000	0.53748	0.000	-8.04150	30.00000	Linear
59 cis-1,3-Dichloropropene	0.39278	0.45119	0.45119	0.000	-14.86865	30.00000	Averaged
60 trans-1,3-Dichloropropene	0.49819	0.55361	0.55361	0.000	-11.12325	30.00000	Averaged
61 Toluene	0.85726	0.74251	0.74251	0.000	13.38527	30.00000	Averaged
62 1,1,2-Trichloroethane	0.25677	0.27958	0.27958	0.000	-8.88422	30.00000	Averaged
63 2-Hexanone	3.94419	4.00000	0.24980	0.000	1.39528	30.00000	Quadratic
64 Octane	0.25759	0.32820	0.32820	0.000	-27.41246	30.00000	Averaged
65 Dibromochloromethane	0.62063	0.79770	0.79770	0.000	-28.53065	30.00000	Averaged
66 1,2-Dibromoethane	0.41668	0.46481	0.46481	0.000	-11.54947	30.00000	Averaged
67 Tetrachloroethene	0.34390	0.41256	0.41256	0.000	-19.96509	30.00000	Averaged
68 Chlorobenzene	0.55798	0.60921	0.60921	0.000	-9.18047	30.00000	Averaged
69 Ethylbenzene	1.01147	1.09859	1.09859	0.000	-8.61323	30.00000	Averaged
70 m&p-Xylene	0.86685	0.94378	0.94378	0.000	-8.87511	30.00000	Averaged
72 Nonane	0.46775	0.57621	0.57621	0.000	-23.18693	30.00000	Averaged
71 Bromoform	0.67993	0.84334	0.84334	0.000	-24.03261	30.00000	Averaged
73 Styrene	0.50248	0.56868	0.56868	0.000	-13.17541	30.00000	Averaged

Data File: /var/chem/gcms/me.i/E022508.b/eccvb25.d
Report Date: 26-Feb-2008 08:09

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: me.i
Lab File ID: eccvb25.d
Analysis Type: AIR
Lab Sample ID: CCV
Method: /chem/gcms/me.i/E022508.b/TO15S.m

Injection Date: 25-FEB-2008 08:09
Init. Cal. Date(s): 20-FEB-2008 21-FEB-2008
Init. Cal. Times: 18:40 00:24
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
74 o-Xylene	0.90418	0.98204	0.98204	0.000	-8.61139	30.00000	Averaged	
75 1,1,2,2-Tetrachloroethane	0.58416	0.64165	0.64165	0.000	-9.84143	30.00000	Averaged	
76 1,2,3-Trichloropropane	0.19185	0.21818	0.21818	0.000	-13.72512	30.00000	Averaged	
77 Cumene	1.21554	1.28414	1.28414	0.000	-5.64332	30.00000	Averaged	
78 n-Propylbenzene	0.26002	0.28790	0.28790	0.000	-10.72076	30.00000	Averaged	
79 2-chlorotoluene	0.23765	0.25242	0.25242	0.000	-6.21415	30.00000	Averaged	
80 4-Ethyltoluene	1.15965	1.28454	1.28454	0.000	-10.76910	30.00000	Averaged	
81 1,3,5-Trimethylbenzene	0.38921	0.41175	0.41175	0.000	-5.79207	30.00000	Averaged	
82 Alpha-Methylstyrene	0.39088	0.44695	0.44695	0.000	-14.34589	30.00000	Averaged	
83 Decane	0.58762	0.67145	0.67145	0.000	-14.26551	30.00000	Averaged	
84 Tert-butylbenzene	1.03669	1.13093	1.13093	0.000	-9.09057	30.00000	Averaged	
85 1,2,4-Trimethylbenzene	1.06416	1.18178	1.18178	0.000	-11.05301	30.00000	Averaged	
86 sec-butylbenzene	1.41205	1.56726	1.56726	0.000	-10.99140	30.00000	Averaged	
87 1,3-Dichlorobenzene	0.61830	0.61942	0.61942	0.000	-0.18163	30.00000	Averaged	
88 Benzyl Chloride	1.09121	1.18215	1.18215	0.000	-8.33436	30.00000	Averaged	
89 1,4-Dichlorobenzene	0.60098	0.59245	0.59245	0.000	1.41935	30.00000	Averaged	
90 p-Cymene	1.19259	1.28883	1.28883	0.000	-8.06983	30.00000	Averaged	
91 1,2-Dichlorobenzene	0.58998	0.56922	0.56922	0.000	3.51961	30.00000	Averaged	
92 n-butylbenzene	1.27206	1.38447	1.38447	0.000	-8.83699	30.00000	Averaged	
93 Undecane	0.68071	0.65835	0.65835	0.000	3.28605	30.00000	Averaged	
94 Dodecane	0.67470	0.60054	0.60054	0.000	10.99192	30.00000	Averaged	
95 1,2,4-Trichlorobenzene	0.65820	0.50726	0.50726	0.000	22.93202	30.00000	Averaged	
96 Napthalene	3.74666	4.00000	0.77625	0.000	6.33345	30.00000	Quadratic	
97 Hexachlorobutadiene	1.04101	0.87051	0.87051	0.000	16.37822	30.00000	Averaged	
98 1,2,3-trichlorobenzene	0.69067	0.46243	0.46243	0.000	33.04572	30.00000	Averaged	<- MT

Data File: /var/chem/gcms/me.i/E022508.b/eccvb25.d
Report Date: 26-Feb-2008 08:09

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/eccvb25.d
Lab Smp Id: CCV
Inj Date : 25-FEB-2008 08:09
Operator : 7126 Inst ID: me.i
Smp Info : CCV,,2,5,,,CCV
Misc Info : E022508,TO155,,,
Comment :
Method : /chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 08:09 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 24 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

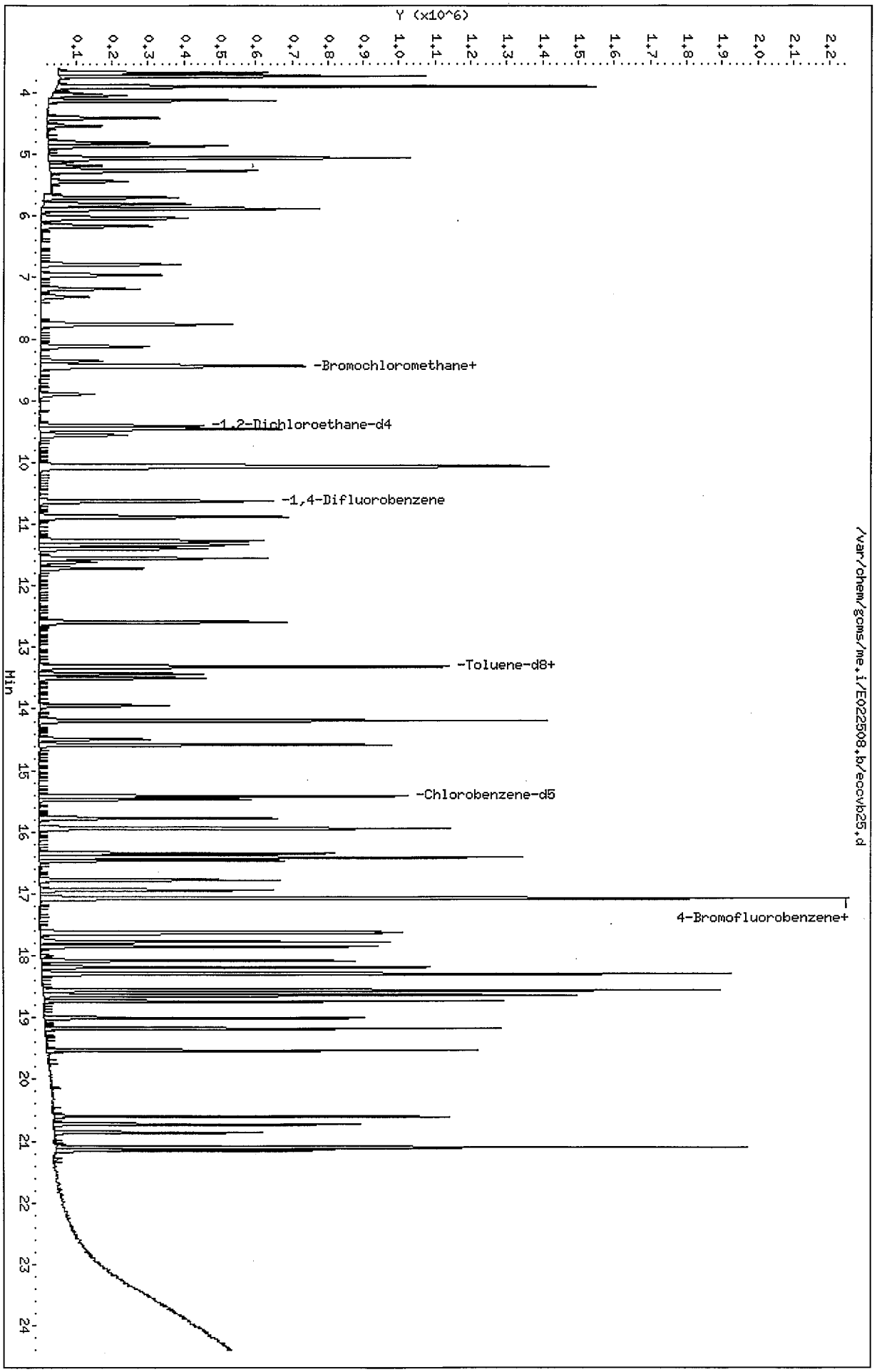
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	8.433	8.433	(1.000)	94875	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.628	10.628	(1.000)	467871	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	430258	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.406	9.406	(0.885)	187106	4.00000	4.402
$	5 Toluene-d8	98	13.317	13.317	(0.864)	509433	4.00000	4.063
$	6 4-Bromofluorobenzene	95	17.078	17.078	(1.108)	516568	4.00000	4.306
	7 Chlorodifluoromethane	67	3.677	3.677	(0.436)	96792	4.00000	5.171
	8 Propene	41	3.683	3.683	(0.437)	136545	4.00000	4.886
	9 Dichlorodifluoromethane	85	3.731	3.731	(0.442)	927449	4.00000	4.918
	10 Chloromethane	52	3.892	3.892	(0.462)	51019	4.00000	4.600
	11 1,2-Dichlorotetrafluoroethane	135	3.903	3.903	(0.463)	430696	4.00000	5.204
	12 Methanol	31	4.005	4.005	(0.475)	38318	4.00000	6.034
	13 Vinyl Chloride	62	4.048	4.048	(0.480)	195127	4.00000	4.730
	14 n-Butane	43	4.129	4.129	(0.490)	246779	4.00000	4.880
	15 1,3-Butadiene	54	4.129	4.129	(0.490)	126822	4.00000	4.880

Data File: /var/chem/gcms/me.i/E022508.b/eccvb25.d
Report Date: 26-Feb-2008 08:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
16	Bromomethane	94	4.414	4.414	(0.523)	217259	4.00000	4.932
17	Chloroethane	64	4.538	4.538	(0.538)	87635	4.00000	5.188
18	Vinyl Bromide	106	4.812	4.812	(0.571)	210518	4.00000	5.136
19	2-methyl butane	43	4.866	4.866	(0.577)	186287	4.00000	5.186
20	Trichlorofluoromethane	101	5.060	5.060	(0.600)	912229	4.00000	5.136
21	Acrolein	56	5.070	5.070	(0.601)	41078	4.00000	4.482
22	Acetonitrile	40	5.124	5.124	(0.608)	40959	4.00000	4.510
23	Acetone	58	5.189	5.189	(0.615)	48939	4.00000	4.593
24	Pentane	72	5.270	5.270	(0.625)	28074	4.00000	5.215
25	Isopropyl Alcohol	45	5.248	5.248	(0.622)	293079	4.00000	5.049
26	Ethyl Ether	31	5.436	5.436	(0.645)	116811	4.00000	4.639
27	1,1-Dichloroethene	96	5.700	5.700	(0.676)	133518	4.00000	4.707
28	Acrylonitrile	53	5.807	5.807	(0.689)	57872	4.00000	4.289
29	tert-butanol	59	5.807	5.807	(0.689)	378720	4.00000	4.811
30	1,1,2-Trichlorotrifluoroethane	101	5.888	5.888	(0.698)	324982	4.00000	4.700
31	Methylene Chloride	84	6.023	6.023	(0.714)	119585	4.00000	4.616
32	3-Chloropropene	39	6.044	6.044	(0.717)	199444	4.00000	5.397
33	Carbon Disulfide	76	6.163	6.163	(0.731)	470935	4.00000	4.409
34	trans-1,2-Dichloroethene	96	6.787	6.787	(0.805)	144182	4.00000	4.771
35	Methyl-t-Butyl Ether	73	6.959	6.959	(0.825)	374441	4.00000	4.388
36	1,1-Dichloroethane	63	7.185	7.185	(0.852)	299682	4.00000	5.382
37	Vinyl Acetate	43	7.314	7.314	(0.867)	240875	4.00000	4.759
38	Hexane	56	7.771	7.771	(0.922)	115881	4.00000	4.797
39	2-Butanone	72	7.755	7.755	(0.920)	48287	4.00000	4.699
40	cis 1,2-Dichloroethene	96	8.121	8.121	(0.963)	129004	4.00000	5.197
41	Ethyl acetate	45	8.357	8.357	(0.991)	29940	4.00000	4.613
42	Chloroform	83	8.449	8.449	(1.002)	449747	4.00000	5.374
43	Tetrahydrofuran	42	8.890	8.890	(1.054)	99514	4.00000	4.557
44	1,1,1-Trichloroethane	97	9.460	9.460	(1.122)	571672	4.00000	5.407
45	1,2-Dichloroethane	62	9.557	9.557	(0.899)	300679	4.00000	4.931
48	Cyclohexane	69	10.063	10.063	(0.947)	73130	4.00000	4.841
46	Benzene	78	10.052	10.052	(0.946)	326657	4.00000	4.385
47	1-Butanol	31	10.052	10.052	(0.946)	62084	4.00000	4.583
49	Carbon Tetrachloride	117	10.079	10.079	(0.948)	639839	4.00000	4.865
50	2,2,4-trimethylpentane	57	10.880	10.880	(1.024)	654875	4.00000	5.109
51	Heptane	43	11.268	11.268	(1.060)	238071	4.00000	4.895
52	1,2-Dichloropropane	63	11.300	11.300	(1.063)	107723	4.00000	4.521
53	Trichloroethene	130	11.338	11.338	(1.067)	142384	4.00000	4.296
54	Dibromomethane	93	11.397	11.397	(1.072)	216892	4.00000	4.885
55	Bromodichloromethane	83	11.553	11.553	(1.087)	470069	4.00000	5.157
56	1,4-dioxane	88	11.617	11.617	(1.093)	75328	4.00000	4.905
57	methyl methacrylate	41	11.714	11.714	(1.102)	160333	4.00000	4.831
58	4-Methyl-2-pentanone	43	12.586	12.586	(1.184)	251473	4.00000	4.322
59	cis-1,3-Dichloropropene	75	12.597	12.597	(1.185)	211097	4.00000	4.595
60	trans-1,3-Dichloropropene	75	13.307	13.307	(0.863)	238194	4.00000	4.445
61	Toluene	91	13.430	13.430	(0.871)	319472	4.00000	3.464
62	1,1,2-Trichloroethane	97	13.500	13.500	(0.876)	120291	4.00000	4.355

Data File: /var/chem/gcms/me.i/E022508.b/eccvb25.d
Report Date: 26-Feb-2008 08:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
63	2-Hexanone	58	13.941	13.941	(0.904)	107480	4.00000	3.944
64	Octane	85	14.183	14.183	(0.920)	141210	4.00000	5.096
65	Dibromochloromethane	129	14.194	14.194	(0.921)	343215	4.00000	5.141
66	1,2-Dibromoethane	107	14.490	14.490	(0.940)	199988	4.00000	4.462
67	Tetrachloroethene	129	14.582	14.582	(0.946)	177508	4.00000	4.799
68	Chlorobenzene	112	15.464	15.464	(1.003)	262117	4.00000	4.367
69	Ethylbenzene	91	15.776	15.776	(1.023)	472675	4.00000	4.344
70	m&p-Xylene	91	15.943	15.943	(1.034)	812141	8.00000	8.710
72	Nonane	57	16.411	16.411	(1.065)	247919	4.00000	4.927
71	Bromoform	173	16.346	16.346	(1.060)	362854	4.00000	4.961
73	Styrene	104	16.400	16.400	(1.064)	244678	4.00000	4.527
74	o-Xylene	91	16.464	16.464	(1.068)	422530	4.00000	4.344
75	1,1,2,2-Tetrachloroethane	83	16.776	16.776	(1.088)	276074	4.00000	4.394
76	1,2,3-Trichloropropane	110	16.938	16.938	(1.099)	93873	4.00000	4.549
77	Cumene	105	17.067	17.067	(1.107)	552510	4.00000	4.226
78	n-Propylbenzene	120	17.616	17.616	(1.143)	123871	4.00000	4.429
79	2-chlorotoluene	126	17.643	17.643	(1.144)	108604	4.00000	4.248
80	4-Ethyltoluene	105	17.772	17.772	(1.153)	552683	4.00000	4.431
81	1,3,5-Trimethylbenzene	120	17.852	17.852	(1.158)	177160	4.00000	4.232
82	Alpha-Methylstyrene	118	18.078	18.078	(1.173)	192305	4.00000	4.574
83	Decane	57	18.191	18.191	(1.180)	288897	4.00000	4.571
84	tert-butylbenzene	119	18.288	18.288	(1.186)	486591	4.00000	4.364
85	1,2,4-Trimethylbenzene	105	18.293	18.293	(1.187)	508472	4.00000	4.442
86	sec-butylbenzene	105	18.562	18.562	(1.204)	674325	4.00000	4.440
87	1,3-Dichlorobenzene	146	18.552	18.552	(1.203)	266512	4.00000	4.007
88	Benzyl Chloride	91	18.632	18.632	(1.209)	508631	4.00000	4.333
89	1,4-Dichlorobenzene	146	18.643	18.643	(1.209)	254908	4.00000	3.943
90	p-Cymene	119	18.735	18.735	(1.215)	554530	4.00000	4.323
91	1,2-Dichlorobenzene	146	19.004	19.004	(1.233)	244909	4.00000	3.859
92	n-butylbenzene	91	19.176	19.176	(1.244)	595680	4.00000	4.353
93	Undecane	57	19.531	19.531	(1.267)	283258	4.00000	3.868
94	Dodecane	57	20.601	20.601	(1.336)	258387	4.00000	3.560
95	1,2,4-Trichlorobenzene	180	20.730	20.730	(1.345)	218252	4.00000	3.083
96	Napthalene	128	20.860	20.860	(1.353)	333988	4.00000	3.747
97	Hexachlorobutadiene	225	21.102	21.102	(1.369)	374543	4.00000	3.345
98	1,2,3-trichlorobenzene	180	21.150	21.150	(1.372)	198965	4.00000	2.678


Data File: /var/chem/gcms/me.i/E022508.b/eccvb25.d
Date : 25-FEB-2008 08:09
Client ID:
Sample Info: CCV,2,5,,,CCV
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
Min
-Bromochloromethane+
-1,2-Dichloroethane-d4
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene+
/var/chem/gcms/me.i/E022508.b/eccvb25.d

TestAmerica Knoxville GC/MS Air Continuing Calibration Review / Narrative Checklist
Method: TO-14 and TO-15 - KNOX-MS-0001, Rev 9

Analysis Date:	2/26/08	CCAL Batch/ Scan Name:	E022608	Instrument:	ME	ICAL Batch/ Scan Name:	E022008I	Scanned □

Review Items	N/A	Yes	No	If No, why is data reportable?	2nd ➡
1. Did BFB meet tune criteria?		✓			✓
2. Were all standards injected within 24 hr of BFB?		✓			✓
3. Have the Entech position no. & vol. been verified with run log & sample vol. corrected if actual amount differs >5%?		✓			✓
4. Was date/time of analysis verified between analysis header and logbook as correct?		✓			✓
5. Was the CCAL compared to the correct ICAL?		✓			✓
6. Is the %D ≤ 30% for all target analytes? Up to 4 analytes allowed over 30% but ≤ 40% D (Narrative req'd.).		✓		VC--33 all others non-targets.	✓
7. Have all peaks been auto identified? If not, list:		✓			✓
8. If manual integrations were performed, are they clearly identified, initialed, dated and reason given?	✓			Reasons: 1)Corrected split peak; 2)Unresolved peak; 3)tailing; 4)RT shift; 5)wrong peak selected; 6)other	NA
9. Have alternate hits/manual integrations been verified as correct and are correct RFs listed in CCAL summary?	✓				NA
10. Is the first IS documented correctly on the log?		✓			✓
11. Is the ICAL date & time on the CCAL correct?		✓			✓
12. Elution order checked on isomeric pairs?		✓			✓
• dichlorodifluoromethane / 1,2-dichlorotetrafluoroethane		✓			✓
• trichlorofluoromethane / 1,1,2-trichlorotrifluoroethane		✓			✓
• vinyl acetate / hexane		✓			✓
• cis- and trans- isomers		✓			✓
• ethyl benzene / m/p-xylene / o-xylene		✓			✓
• 4-ethyl toluene/1,3,5-trimethylbenzene/1,2,4-trimethylbenzene		✓			✓
• 1,3- , 1,4- , and 1,2-dichlorobenzene		✓			✓
13. Did the LCS meet criteria (nonpolar target analytes 70-130%, with up to 2 nonpolars 60-140%; polar target analytes 60-140%, with up to 2 polars 45-155%)?		✓		□ [lcs6] LCS analyte(s) flagged as being outside control limits, but SOP allows 2 polars and 2 nonpolars outside 70-130%R.	✓
14. If criteria were not met, was a NCM generated, approved by supervisor, and copy included in folder?	✓				NA
15. Does the CCAL folder contain **complete** data in the following order: data review checklist, a **complete** runlog, Entech report, tune pass/fail page, m/z list, tune chromatogram, Target CCAL summary, Quan report, chromatogram, manual integrations and leak check report.		✓			✓

Analyst:	Date: 2/27/08	2nd Level Reviewer :	Date: 022708
Comments:		Comments:	

TestAmerica Knoxville
TO-14/15 RUN LOG

GCMS Analysis: TO-14/15 ØW 7M

Analyst: HWT Qtims Batch: 8058028 KHNDN 8058029 KHNDP Inst: ME

Date: 2/26/08 ICAL Batch: E022008I Target Batch: E022608 IS #1 Area: 68800

Surr/IS ID & Vol.: 20mcV176 System Date/Time ok (y/n): Y

Preventive Maintenance Performed ☐Daily

Time	Use	Lot No.	File ID	Can #	Pos	Vol* (mL)	Can DF	Comments
0737	✓	tune	EBFBB26	—	—	—	1	
0849	N	CCV	ECCVB26	CX1707	15	40		
0931	✓	CCV	ECCVB26A	↓	↓	↓		^ 1st cmpds.
0931	✓	LCS	ELCSB26A	↓	↓	↓		
1015	N	Blk	Blank	—	16	200		
1102	✓	↓	EBlkB26	—	16	500		
1139	✓	1 pt.	NYEXTRA	CX1705	STD	20		newyork.
1256	✓	H8B220138	KHG8M1AA	92041	11	200		btexn
1510	✓		8P	12573	12			
1553	✓		8Q	12466	13			
1632	~~✓~~	2/27/08 H	8R	6671	14			^ surr. alln D.
1712	✓		8T	1115	15			
1752	dup		8TD	1115	15			
1835	✓	H8B210257	KHFXF2AA	12445	1	500	1	newyork.
1917	✓		XL	6366	2	760	1.52	
1958	✓		XM	6640	3	500	1	
2039	✓		XQ	6589	4			
2125	✓		XV	1492	5	↓	↓	0.2 ppmC DF = 1.17
2206	✓	C8B210112	KHJP0IAA	1405	6	500	1	parsons
2247	✓	↓	P1	6386	7	↓	1	
1343	N	lot Chk	7399	2996	8	500	1	mtp @ 0.7
1428	✓	↓	7400	7470	9	↓	1	
2329	✓	↓	7401	6365	16	↓	1	
1217	✓	H8B210276	KHF262AA	12878	10	50 ~~200~~	1	
0048	✓	H8B220261	KHJCX1AA	12829	8	500	1	TCE only.
0125	N	RR50ML	C3	05357	9	20		jimmy.
0206	✓		C7	12186	10	500		
0247	✓		DC	93268	11			
0331	✓		DF	93149	12	↓	↓	
0610	✓	↓	KHJC3R	05357	9	50	1	

Entech programmed Volume. If the Entech report amount differs from the programmed amount by >5%, the Entech report amount is used for calulations.

Analyst: _____ Date: 2/27/08

Test America - Knoxville

Entech Autosampler Log

Sample	Position	Volume	AnDate	AnTime
bfb	16	0	2/26/2008	7:37
CCV	15	42	2/26/2008	8:49
CCV	15	41	2/26/2008	9:31
BLK	16	202	2/26/2008	10:15
BLK	16	501	2/26/2008	11:02
1POINT	~~16~~ STD 2/27/08 H 8 20		2/26/2008	11:39
KHF26	10	51 /	2/26/2008	12:17
KHG8M	11	201	2/26/2008	12:56
7399	8	501	2/26/2008	13:43
7400	9	500	2/26/2008	14:28
KHG8P	12	201 /	2/26/2008	15:10
KHG8Q	13	200	2/26/2008	15:53
KHG8R	14	201	2/26/2008	16:32
KHG8T	15	201	2/26/2008	17:12
KHG8T	15	201	2/26/2008	17:52
KHFXF	1	501	2/26/2008	18:35
KHFXL	2	761	2/26/2008	19:17
KHFXM	3	500	2/26/2008	19:58
KHFXQ	4	501	2/26/2008	20:39
KHFXV	5	428 /	2/26/2008	21:25
KHJP0	6	501	2/26/2008	22:06
KHJP1	7	501	2/26/2008	22:47
7401	16	501	2/26/2008	23:29
KHJCX	8	501	2/27/2008	0:48
KHJC3	9	21 /	2/27/2008	1:25
KHJC7	10	501	2/27/2008	2:06
KHJDC	11	501	2/27/2008	2:47
KHJDF	12	501	2/27/2008	3:31
KHJC3	9	52 /	2/27/2008	6:10

Data File: /chem/gcms/me.i/E022608.b/ebfbb26.d

Date : 26-FEB-2008 07:37

Client ID: BFB

Instrument: me.i

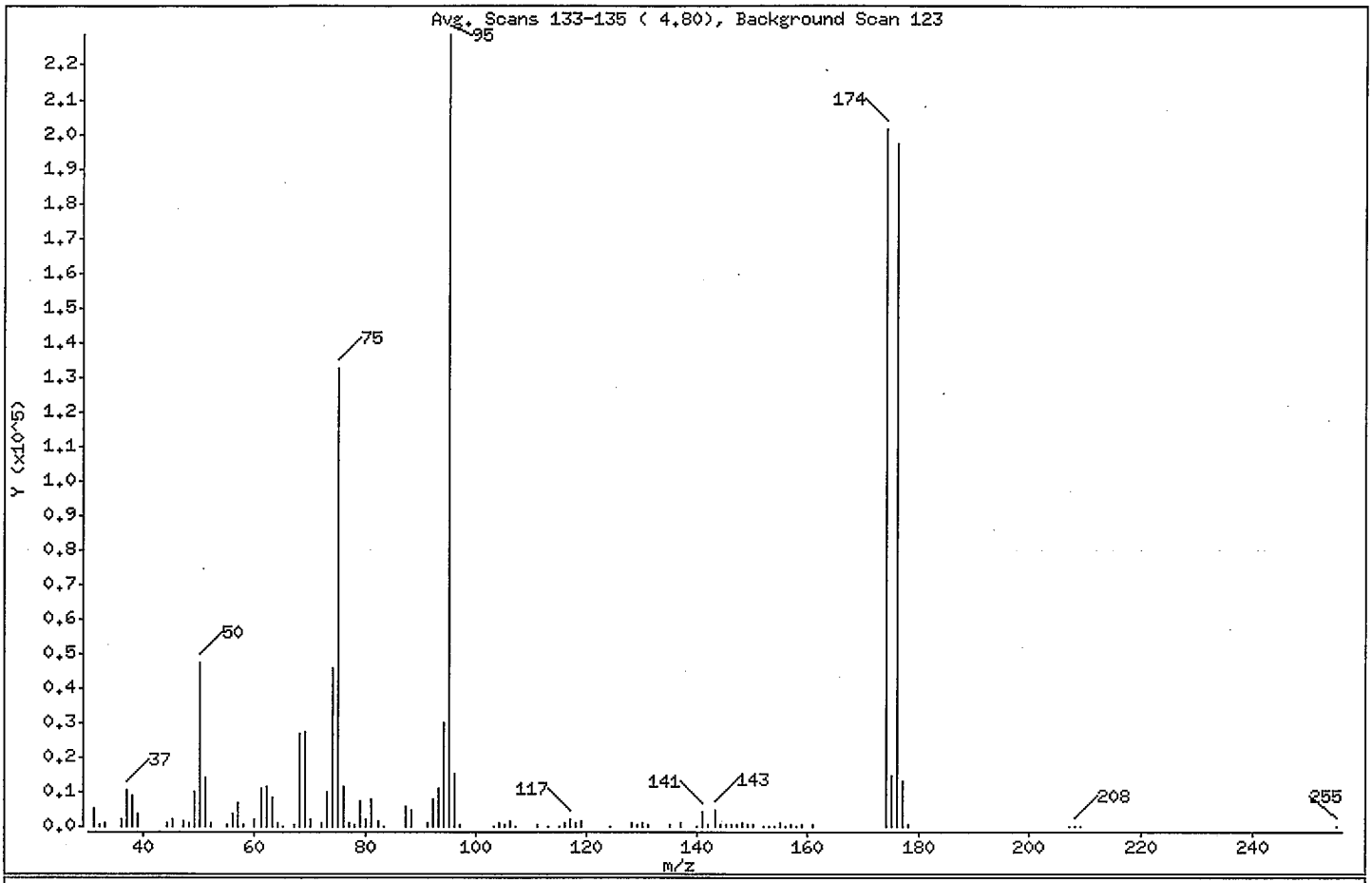
Sample Info: BFB,,3,,,BFB

Operator: 7126

Column phase: HP-5

Column diameter: 0.32

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	20.72
75	30.00 - 60.00% of mass 95	58.03
96	5.00 - 9.00% of mass 95	6.72
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	88.13
175	5.00 - 9.00% of mass 174	6.51 (7.39)
176	95.00 - 101.00% of mass 174	86.26 (97.87)
177	5.00 - 9.00% of mass 176	5.68 (6.59)

Data File: /chem/gcms/me.i/E022608.b/ebfbb26.d

Date : 26-FEB-2008 07:37

Client ID: BFB

Instrument: me.i

Sample Info: BFB,,3,,,BFB

Operator: 7126

Column phase: HP-5

Column diameter: 0.32

Data File: ebfbb26.d

Spectrum: Avg. Scans 133-135 (4.80), Background Scan 123

Location of Maximum: 95.00

Number of points: 98

m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	5499	67.00	656	103.00	77	146.00	396
32.00	447	68.00	26928	104.00	1211	147.00	291
33.00	936	69.00	27440	105.00	452	148.00	796
36.00	2000	70.00	2101	106.00	1374	149.00	430
37.00	10575	72.00	1313	107.00	175	150.00	447
38.00	9152	73.00	10238	111.00	357	152.00	186
39.00	3696	74.00	45736	113.00	178	153.00	213
44.00	1209	75.00	132672	115.00	223	154.00	221
45.00	2316	76.00	11365	116.00	982	155.00	864
47.00	1338	77.00	1265	117.00	1985	156.00	128
48.00	1258	78.00	770	118.00	1187	157.00	471
49.00	10034	79.00	7621	119.00	1743	158.00	71
50.00	47376	80.00	2065	124.00	103	159.00	427
51.00	14145	81.00	7851	128.00	1059	161.00	515
52.00	890	82.00	1673	129.00	634	174.00	201536
55.00	687	83.00	209	130.00	1128	175.00	14884
56.00	3560	87.00	5595	131.00	456	176.00	197248
57.00	6844	88.00	4982	135.00	653	177.00	12995
58.00	313	91.00	1259	137.00	832	178.00	492
60.00	2208	92.00	8057	140.00	92	207.00	140
61.00	11227	93.00	11259	141.00	4141	208.00	189
62.00	11524	94.00	30168	142.00	495	209.00	67
63.00	8556	95.00	228672	143.00	4592	255.00	73
64.00	808	96.00	15367	144.00	286		
65.00	74	97.00	507	145.00	437		

Data File: /chem/gcms/me.i/E022608.b/ebfbb26.d

Date : 26-FEB-2008 07:37

Client ID: BFB

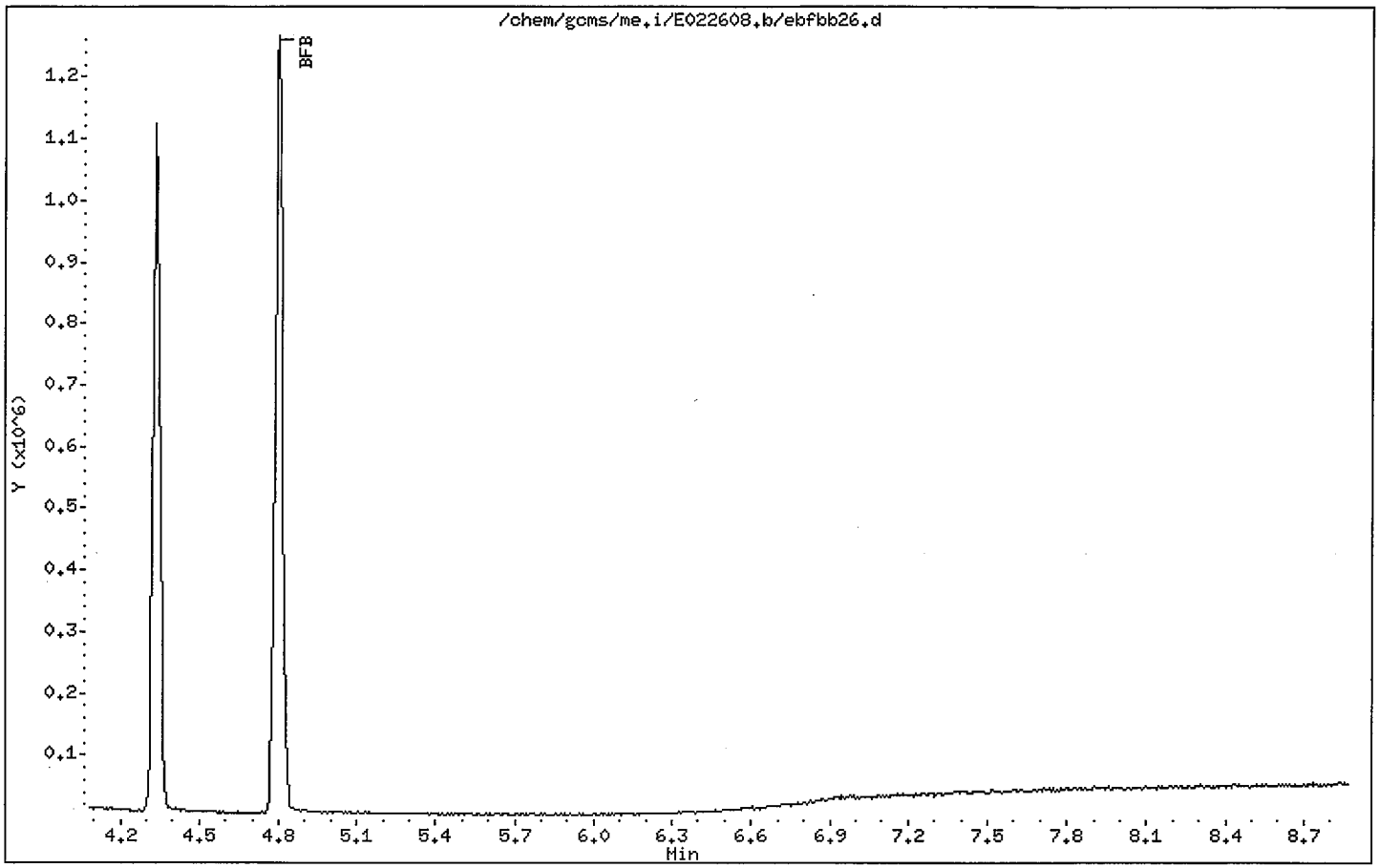
Instrument: me.i

Sample Info: BFB,,3,,,BFB

Operator: 7126

Column phase: HP-5

Column diameter: 0.32



Data File: /var/chem/gcms/me.i/E022608.b/eccvb26a.d
Report Date: 27-Feb-2008 06:39

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: me.i
Lab File ID: eccvb26a.d
Analysis Type: AIR
Lab Sample ID: CCV
Method: /var/chem/gcms/me.i/E022608.b/TO155.m

Injection Date: 26-FEB-2008 09:31
Init. Cal. Date(s): 20-FEB-2008 26-FEB-2008
Init. Cal. Times: 18:40 11:39
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 4 1,2-Dichloroethane-d4	0.36338	0.44030	0.44030	0.000	-21.16805	30.00000	Averaged	
$ 5 Toluene-d8	1.16561	1.21737	1.21737	0.000	-4.44061	30.00000	Averaged	
$ 6 4-Bromofluorobenzene	1.11524	1.27275	1.27275	0.000	-14.12352	30.00000	Averaged	
7 Chlorodifluoromethane	0.78920	1.20206	1.20206	0.000	-52.31317	30.00000	Averaged	<-
8 Propene	1.17827	1.65546	1.65546	0.000	-40.49955	30.00000	Averaged	<-
9 Dichlorodifluoromethane	7.94983	11.95604	11.95604	0.000	-50.39374	30.00000	Averaged	<-
10 Chloromethane	0.46757	0.62259	0.62259	0.000	-33.15487	30.00000	Averaged	<-
11 1,2-Dichlorotetrafluoroetha	3.48929	4.87556	4.87556	0.000	-39.72907	30.00000	Averaged	<-
12 Methanol	0.26771	0.40539	0.40539	0.000	-51.42497	30.00000	Averaged	<-
13 Vinyl Chloride	1.73940	2.32017	2.32017	0.000	-33.38961	30.00000	Averaged	<-
14 n-Butane	2.13181	2.95789	2.95789	0.000	-38.74992	30.00000	Averaged	<-
15 1,3-Butadiene	1.09558	1.49985	1.49985	0.000	-36.89983	30.00000	Averaged	<-
16 Bromomethane	1.85721	2.50372	2.50372	0.000	-34.81088	30.00000	Averaged	<-
17 Chloroethane	0.71215	0.94206	0.94206	0.000	-32.28436	30.00000	Averaged	<-
18 Vinyl Bromide	1.72809	2.31629	2.31629	0.000	-34.03766	30.00000	Averaged	<-
19 2-methyl butane	1.51442	2.05421	2.05421	0.000	-35.64349	30.00000	Averaged	<-
20 Trichlorofluoromethane	7.48771	10.84254	10.84254	0.000	-44.80439	30.00000	Averaged	<-
21 Acrolein	0.38639	0.50671	0.50671	0.000	-31.13794	30.00000	Averaged	<-
22 Acetonitrile	0.38287	0.50620	0.50620	0.000	-32.21372	30.00000	Averaged	<-
23 Acetone	0.44921	0.72161	0.72161	0.000	-60.64183	30.00000	Averaged	<-
24 Pentane	0.22697	0.31948	0.31948	0.000	-40.75708	30.00000	Averaged	<-
25 Isopropyl Alcohol	2.44728	3.23285	3.23285	0.000	-32.09969	30.00000	Averaged	<-
26 Ethyl Ether	1.06163	1.46634	1.46634	0.000	-38.12196	30.00000	Averaged	<-
27 1,1-Dichloroethene	1.19588	1.41559	1.41559	0.000	-18.37197	30.00000	Averaged	
28 Acrylonitrile	0.56891	0.67478	0.67478	0.000	-18.60895	30.00000	Averaged	
29 tert-butanol	3.31862	4.19681	4.19681	0.000	-26.46275	30.00000	Averaged	
30 1,1,2-Trichlorotrifluoroeth	2.91522	3.36368	3.36368	0.000	-15.38332	30.00000	Averaged	
31 Methylene Chloride	1.09212	1.20982	1.20982	0.000	-10.77728	30.00000	Averaged	
32 3-Chloropropene	1.55798	1.94316	1.94316	0.000	-24.72258	30.00000	Averaged	
33 Carbon Disulfide	4.50324	5.18581	5.18581	0.000	-15.15727	30.00000	Averaged	
34 trans-1,2-Dichloroethene	1.27410	1.44672	1.44672	0.000	-13.54785	30.00000	Averaged	
35 Methyl-t-Butyl Ether	3.59774	4.63850	4.63850	0.000	-28.92822	30.00000	Averaged	
36 1,1-Dichloroethane	2.34779	2.71539	2.71539	0.000	-15.65713	30.00000	Averaged	
37 Vinyl Acetate	2.13403	3.06250	3.06250	0.000	-43.50799	30.00000	Averaged	<-
38 Hexane	1.01845	1.20918	1.20918	0.000	-18.72799	30.00000	Averaged	

Data File: /var/chem/gcms/me.i/E022608.b/eccvb26a.d
Report Date: 27-Feb-2008 06:39

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: me.i
Lab File ID: eccvb26a.d
Analysis Type: AIR
Lab Sample ID: CCV
Method: /var/chem/gcms/me.i/E022608.b/TO155.m

Injection Date: 26-FEB-2008 09:31
Init. Cal. Date(s): 20-FEB-2008 26-FEB-2008
Init. Cal. Times: 18:40 11:39
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
39 2-Butanone	0.43325	0.57009	0.57009	0.000	-31.58525	30.00000	Averaged	<-
40 cis 1,2-Dichloroethene	1.04650	1.15247	1.15247	0.000	-10.12546	30.00000	Averaged	
41 Ethyl Acetate	0.27363	0.36751	0.36751	0.000	-34.31048	30.00000	Averaged	<-
42 Chloroform	3.52868	4.32056	4.32056	0.000	-22.44147	30.00000	Averaged	
43 Tetrahydrofuran	0.92067	1.23163	1.23163	0.000	-33.77524	30.00000	Averaged	<-
44 1,1,1-Trichloroethane	4.45714	5.41554	5.41554	0.000	-21.50250	30.00000	Averaged	
45 1,2-Dichloroethane	0.52133	0.60303	0.60303	0.000	-15.67104	30.00000	Averaged	
48 Cyclohexane	0.12916	0.14689	0.14689	0.000	-13.73090	30.00000	Averaged	
46 Benzene	0.63687	0.58760	0.58760	0.000	7.73615	30.00000	Averaged	
47 1-Butanol	3.87263	4.00000	0.11325	0.000	3.18432	30.00000	Quadratic	
49 Carbon Tetrachloride	1.12434	1.34733	1.34733	0.000	-19.83299	30.00000	Averaged	
50 2,2,4-trimethylpentane	1.09588	1.26272	1.26272	0.000	-15.22419	30.00000	Averaged	
51 Heptane	0.41580	0.50234	0.50234	0.000	-20.81262	30.00000	Averaged	
52 1,2-Dichloropropane	0.20369	0.23370	0.23370	0.000	-14.73285	30.00000	Averaged	
53 Trichloroethene	0.28334	0.30191	0.30191	0.000	-6.55398	30.00000	Averaged	
54 Dibromomethane	0.37957	0.41614	0.41614	0.000	-9.63471	30.00000	Averaged	
55 Bromodichloromethane	0.77925	0.90771	0.90771	0.000	-16.48505	30.00000	Averaged	
56 1,4-dioxane	0.13130	0.14360	0.14360	0.000	-9.36413	30.00000	Averaged	
57 Methyl Methacrylate	0.28376	0.38863	0.38863	0.000	-36.95615	30.00000	Averaged	<-
58 4-Methyl-2-pentanone	4.35653	4.00000	0.54196	0.000	-8.91327	30.00000	Linear	
59 cis-1,3-Dichloropropene	0.39278	0.43984	0.43984	0.000	-11.97985	30.00000	Averaged	
60 trans-1,3-Dichloropropene	0.49819	0.55613	0.55613	0.000	-11.63018	30.00000	Averaged	
61 Toluene	0.85726	0.74544	0.74544	0.000	13.04417	30.00000	Averaged	
62 1,1,2-Trichloroethane	0.25677	0.27351	0.27351	0.000	-6.52046	30.00000	Averaged	
63 2-Hexanone	3.66320	4.00000	0.23325	0.000	8.42000	30.00000	Quadratic	
64 Octane	0.25759	0.28552	0.28552	0.000	-10.84173	30.00000	Averaged	
65 Dibromochloromethane	0.62063	0.70131	0.70131	0.000	-13.00006	30.00000	Averaged	
66 1,2-Dibromoethane	0.41668	0.45245	0.45245	0.000	-8.58395	30.00000	Averaged	
67 Tetrachloroethene	0.34390	0.37143	0.37143	0.000	-8.00501	30.00000	Averaged	
68 Chlorobenzene	0.55798	0.57999	0.57999	0.000	-3.94452	30.00000	Averaged	
69 Ethylbenzene	1.01147	1.18271	1.18271	0.000	-16.92995	30.00000	Averaged	
70 m&p-Xylene	0.86685	1.03089	1.03089	0.000	-18.92348	30.00000	Averaged	
72 Nonane	0.46775	0.55560	0.55560	0.000	-18.78053	30.00000	Averaged	
71 Bromoform	0.67993	0.80718	0.80718	0.000	-18.71475	30.00000	Averaged	
73 Styrene	0.50248	0.59204	0.59204	0.000	-17.82497	30.00000	Averaged	

Data File: /var/chem/gcms/me.i/E022608.b/eccvb26a.d
Report Date: 27-Feb-2008 06:39

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: me.i
Lab File ID: eccvb26a.d
Analysis Type: AIR
Lab Sample ID: CCV
Method: /var/chem/gcms/me.i/E022608.b/TO155.m

Injection Date: 26-FEB-2008 09:31
Init. Cal. Date(s): 20-FEB-2008 26-FEB-2008
Init. Cal. Times: 18:40 11:39
Quant Type: ISTD

			CCAL	MIN		MAX	
COMPOUND	RRF / AMOUNT	RF4	RRF4	RRF	%D / %DRIFT	%D / %DRIFT	CURVE TYPE
74 o-Xylene	0.90418	1.09662	1.09662	0.000	-21.28330	30.00000	Averaged
75 1,1,2,2-Tetrachloroethane	0.58416	0.68113	0.68113	0.000	-16.60054	30.00000	Averaged
76 1,2,3-Trichloropropane	0.19185	0.23617	0.23617	0.000	-23.10334	30.00000	Averaged
77 Cumene	1.21554	1.38420	1.38420	0.000	-13.87532	30.00000	Averaged
78 n-Propylbenzene	0.26002	0.29897	0.29897	0.000	-14.97653	30.00000	Averaged
79 2-chlorotoluene	0.23765	0.26082	0.26082	0.000	-9.74996	30.00000	Averaged
80 4-Ethyltoluene	1.15965	1.36604	1.36604	0.000	-17.79697	30.00000	Averaged
81 1,3,5-Trimethylbenzene	0.38921	0.44070	0.44070	0.000	-13.22799	30.00000	Averaged
82 Alpha-Methylstyrene	0.39088	0.42648	0.42648	0.000	-9.10756	30.00000	Averaged
83 Decane	0.58762	0.68482	0.68482	0.000	-16.54064	30.00000	Averaged
84 Tert-butylbenzene	1.03669	1.20140	1.20140	0.000	-15.88881	30.00000	Averaged
85 1,2,4-Trimethylbenzene	1.06416	1.25752	1.25752	0.000	-18.16948	30.00000	Averaged
86 sec-butylbenzene	1.41205	1.64298	1.64298	0.000	-16.35401	30.00000	Averaged
87 1,3-Dichlorobenzene	0.61830	0.63389	0.63389	0.000	-2.52150	30.00000	Averaged
88 Benzyl Chloride	1.09121	1.22164	1.22164	0.000	-11.95312	30.00000	Averaged
89 1,4-Dichlorobenzene	0.60098	0.62114	0.62114	0.000	-3.35352	30.00000	Averaged
90 p-Cymene	1.19259	1.27599	1.27599	0.000	-6.99286	30.00000	Averaged
91 1,2-Dichlorobenzene	0.58998	0.58313	0.58313	0.000	1.16131	30.00000	Averaged
92 n-butylbenzene	1.27206	1.37900	1.37900	0.000	-8.40660	30.00000	Averaged
93 Undecane	0.68071	0.68469	0.68469	0.000	-0.58466	30.00000	Averaged
94 Dodecane	0.67470	0.67936	0.67936	0.000	-0.69027	30.00000	Averaged
95 1,2,4-Trichlorobenzene	0.65820	0.58970	0.58970	0.000	10.40714	30.00000	Averaged
96 Napthalene	4.24633	4.00000	0.88287	0.000	-6.15828	30.00000	Quadratic
97 Hexachlorobutadiene	1.04101	0.97883	0.97883	0.000	5.97288	30.00000	Averaged
98 1,2,3-trichlorobenzene	0.69067	0.57265	0.57265	0.000	17.08817	30.00000	Averaged

Data File: /var/chem/gcms/me.i/E022608.b/eccvb26a.d
Report Date: 27-Feb-2008 06:39

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022608.b/eccvb26a.d
Lab Smp Id: CCV
Inj Date : 26-FEB-2008 09:31
Operator : 7126 Inst ID: me.i
Smp Info : CCV,,2,5,,,CCV
Misc Info : E022608,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022608.b/TO155.m
Meth Date : 27-Feb-2008 06:39 tajh Quant Type: ISTD
Cal Date : 26-FEB-2008 11:39 Cal File: nyextra.d
Als bottle: 24 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

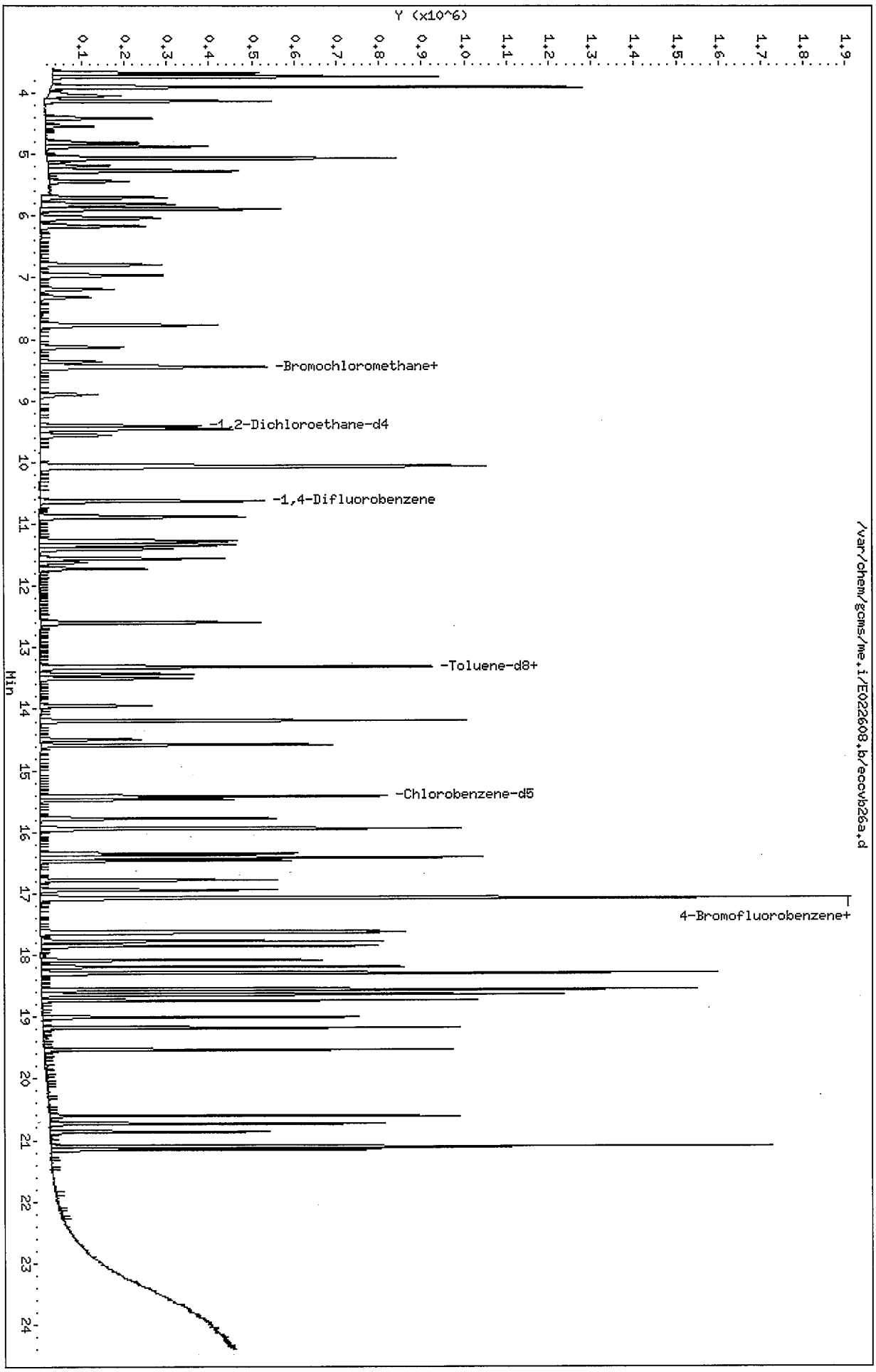
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
* 1 Bromochloromethane	128	8.433	8.433	(1.000)	68800	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.627	10.627	(1.000)	353524	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	329407	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	9.412	9.412	(0.886)	155656	4.00000	4.847
$ 5 Toluene-d8	98	13.317	13.317	(0.864)	401009	4.00000	4.178
$ 6 4-Bromofluorobenzene	95	17.078	17.078	(1.108)	419254	4.00000	4.565
7 Chlorodifluoromethane	67	3.672	3.672	(0.435)	82702	4.00000	6.092
8 Propene	41	3.688	3.688	(0.437)	113897	4.00000	5.620
9 Dichlorodifluoromethane	85	3.731	3.731	(0.442)	822586	4.00000	6.016
10 Chloromethane	52	3.892	3.892	(0.462)	42835	4.00000	5.326
11 1,2-Dichlorotetrafluoroethane	135	3.903	3.903	(0.463)	335442	4.00000	5.589
12 Methanol	31	4.011	4.011	(0.476)	27890	4.00000	6.057
13 Vinyl Chloride	62	4.048	4.048	(0.480)	159630	4.00000	5.336
14 n-Butane	43	4.129	4.129	(0.490)	203505	4.00000	5.550
15 1,3-Butadiene	54	4.129	4.129	(0.490)	103191	4.00000	5.476

Data File: /var/chem/gcms/me.i/E022608.b/eccvb26a.d
Report Date: 27-Feb-2008 06:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
16 Bromomethane	94	4.414	4.414	(0.523)	172258	4.00000	5.392
17 Chloroethane	64	4.543	4.543	(0.539)	64814	4.00000	5.291
18 Vinyl Bromide	106	4.812	4.812	(0.571)	159362	4.00000	5.362
19 2-methyl butane	43	4.866	4.866	(0.577)	141331	4.00000	5.426
20 Trichlorofluoromethane	101	5.060	5.060	(0.600)	745976	4.00000	5.792
21 Acrolein	56	5.065	5.065	(0.601)	34861	4.00000	5.246
22 Acetonitrile	40	5.124	5.124	(0.608)	34827	4.00000	5.288
23 Acetone	58	5.183	5.183	(0.615)	49647	4.00000	6.426
24 Pentane	72	5.269	5.269	(0.625)	21980	4.00000	5.630
25 Isopropyl Alcohol	45	5.253	5.253	(0.623)	222423	4.00000	5.284
26 Ethyl Ether	31	5.436	5.436	(0.645)	100885	4.00000	5.525
27 1,1-Dichloroethene	96	5.705	5.705	(0.677)	97393	4.00000	4.735
28 Acrylonitrile	53	5.807	5.807	(0.689)	46425	4.00000	4.744
29 tert-butanol	59	5.813	5.813	(0.689)	288744	4.00000	5.058
30 1,1,2-Trichlorotrifluoroethane	101	5.883	5.883	(0.698)	231424	4.00000	4.615
31 Methylene Chloride	84	6.023	6.023	(0.714)	83236	4.00000	4.431
32 3-Chloropropene	39	6.044	6.044	(0.717)	133691	4.00000	4.989
33 Carbon Disulfide	76	6.162	6.162	(0.731)	356788	4.00000	4.606
34 trans-1,2-Dichloroethene	96	6.786	6.786	(0.805)	99535	4.00000	4.542
35 Methyl-t-Butyl Ether	73	6.953	6.953	(0.825)	319133	4.00000	5.157
36 1,1-Dichloroethane	63	7.185	7.185	(0.852)	186821	4.00000	4.626
37 Vinyl Acetate	43	7.314	7.314	(0.867)	210702	4.00000	5.740
38 Hexane	56	7.766	7.766	(0.921)	83193	4.00000	4.749
39 2-Butanone	72	7.760	7.760	(0.920)	39222	4.00000	5.263
40 cis 1,2-Dichloroethene	96	8.126	8.126	(0.964)	79290	4.00000	4.405
41 Ethyl acetate	45	8.363	8.363	(0.992)	25285	4.00000	5.372
42 Chloroform	83	8.454	8.454	(1.003)	297258	4.00000	4.898
43 Tetrahydrofuran	42	8.901	8.901	(1.056)	84737	4.00000	5.351
44 1,1,1-Trichloroethane	97	9.460	9.460	(1.122)	372594	4.00000	4.860
45 1,2-Dichloroethane	62	9.557	9.557	(0.899)	213186	4.00000	4.627
48 Cyclohexane	69	10.068	10.068	(0.947)	51930	4.00000	4.549
46 Benzene	78	10.052	10.052	(0.946)	207732	4.00000	3.690
47 1-Butanol	31	10.063	10.063	(0.947)	40037	4.00000	3.873
49 Carbon Tetrachloride	117	10.079	10.079	(0.948)	476314	4.00000	4.793
50 2,2,4-trimethylpentane	57	10.880	10.880	(1.024)	446402	4.00000	4.609
51 Heptane	43	11.268	11.268	(1.060)	177589	4.00000	4.832
52 1,2-Dichloropropane	63	11.300	11.300	(1.063)	82618	4.00000	4.589
53 Trichloroethene	130	11.338	11.338	(1.067)	106731	4.00000	4.262
54 Dibromomethane	93	11.397	11.397	(1.072)	147114	4.00000	4.385
55 Bromodichloromethane	83	11.558	11.558	(1.088)	320897	4.00000	4.659
56 1,4-dioxane	88	11.623	11.623	(1.094)	50764	4.00000	4.374
57 methyl methacrylate	41	11.720	11.720	(1.103)	137390	4.00000	5.478
58 4-Methyl-2-pentanone	43	12.586	12.586	(1.184)	191596	4.00000	4.356
59 cis-1,3-Dichloropropene	75	12.596	12.596	(1.185)	155494	4.00000	4.479
60 trans-1,3-Dichloropropene	75	13.312	13.312	(0.864)	183194	4.00000	4.465
61 Toluene	91	13.430	13.430	(0.871)	245552	4.00000	3.478
62 1,1,2-Trichloroethane	97	13.500	13.500	(0.876)	90096	4.00000	4.261

Data File: /var/chem/gcms/me.i/E022608.b/eccvb26a.d
Report Date: 27-Feb-2008 06:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	ON-COL (ppb(v/v))
63	2-Hexanone	58	13.941	13.941	(0.904)	76834	4.00000	3.663
64	Octane	85	14.183	14.183	(0.920)	94050	4.00000	4.434
65	Dibromochloromethane	129	14.194	14.194	(0.921)	231016	4.00000	4.520
66	1,2-Dibromoethane	107	14.490	14.490	(0.940)	149041	4.00000	4.343
67	Tetrachloroethene	129	14.581	14.581	(0.946)	122352	4.00000	4.320
68	Chlorobenzene	112	15.464	15.464	(1.003)	191054	4.00000	4.158
69	Ethylbenzene	91	15.776	15.776	(1.023)	389592	4.00000	4.677
70	m&p-Xylene	91	15.942	15.942	(1.034)	679164	8.00000	9.514
72	Nonane	57	16.410	16.410	(1.065)	183018	4.00000	4.751
71	Bromoform	173	16.351	16.351	(1.061)	265892	4.00000	4.748
73	Styrene	104	16.400	16.400	(1.064)	195022	4.00000	4.713
74	o-Xylene	91	16.464	16.464	(1.068)	361233	4.00000	4.851
75	1,1,2,2-Tetrachloroethane	83	16.776	16.776	(1.088)	224370	4.00000	4.664
76	1,2,3-Trichloropropane	110	16.938	16.938	(1.099)	77796	4.00000	4.924
77	Cumene	105	17.067	17.067	(1.107)	455966	4.00000	4.555
78	n-Propylbenzene	120	17.616	17.616	(1.143)	98481	4.00000	4.599
79	2-chlorotoluene	126	17.642	17.642	(1.144)	85915	4.00000	4.390
80	4-Ethyltoluene	105	17.772	17.772	(1.153)	449983	4.00000	4.712
81	1,3,5-Trimethylbenzene	120	17.852	17.852	(1.158)	145168	4.00000	4.529
82	Alpha-Methylstyrene	118	18.078	18.078	(1.173)	140485	4.00000	4.364
83	Decane	57	18.191	18.191	(1.180)	225584	4.00000	4.662
84	tert-butylbenzene	119	18.288	18.288	(1.186)	395751	4.00000	4.636
85	1,2,4-Trimethylbenzene	105	18.299	18.299	(1.187)	414235	4.00000	4.727
86	sec-butylbenzene	105	18.562	18.562	(1.204)	541210	4.00000	4.654
87	1,3-Dichlorobenzene	146	18.552	18.552	(1.203)	208809	4.00000	4.101
88	Benzyl Chloride	91	18.632	18.632	(1.209)	402417	4.00000	4.478
89	1,4-Dichlorobenzene	146	18.643	18.643	(1.209)	204607	4.00000	4.134
90	p-Cymene	119	18.734	18.734	(1.215)	420319	4.00000	4.280
91	1,2-Dichlorobenzene	146	19.003	19.003	(1.233)	192086	4.00000	3.954
92	n-butylbenzene	91	19.176	19.176	(1.244)	454252	4.00000	4.336
93	Undecane	57	19.531	19.531	(1.267)	225543	4.00000	4.023
94	Dodecane	57	20.601	20.601	(1.336)	223786	4.00000	4.028
95	1,2,4-Trichlorobenzene	180	20.730	20.730	(1.345)	194250	4.00000	3.584
96	Napthalene	128	20.865	20.865	(1.353)	290825	4.00000	4.246
97	Hexachlorobutadiene	225	21.102	21.102	(1.369)	322433	4.00000	3.761
98	1,2,3-trichlorobenzene	180	21.150	21.150	(1.372)	188634	4.00000	3.316


Data File: /var/chem/gcms/me.i/E022608.b/eccvb26a.d
Date : 26-FEB-2008 09:31
Client ID:
Sample Info: CCV,,2,5,,,CCV
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
Min
/var/chem/gcms/me.i/E022608.b/eccvb26a.d
-Bromochloromethane+
-1,2-Dichloroethane-d4
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene+

Data File: /var/chem/gcms/me.i/E022608.b/nyextra.d
Report Date: 27-Feb-2008 07:19

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: me.i
Lab File ID: nyextra.d
Analysis Type: AIR
Lab Sample ID: NY EXTRA
Method: /var/chem/gcms/me.i/E022608.b/TO155.m

Injection Date: 26-FEB-2008 11:39
Init. Cal. Date(s): 20-FEB-2008 26-FEB-2008
Init. Cal. Times: 18:40 11:39
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
99 ~ Thiophene	0.47623	0.47620	0.47620	0.000	0.00552	25.00000	Averaged
100 ~ 1,2,3-trimethylbenzene	1.38982	1.38978	1.38978	0.000	0.00296	25.00000	Averaged
101 ~ Indane	0.98365	0.98355	0.98355	0.000	0.00961	25.00000	Averaged
102 ~ Indene	0.53549	0.53539	0.53539	0.000	0.01799	25.00000	Averaged
103 ~ 2-Methylnaphthalene	0.24961	0.24960	0.24960	0.000	0.00561	25.00000	Averaged
104 ~ 1-Methylnaphthalene	0.30923	0.30922	0.30922	0.000	0.00488	25.00000	Averaged

Data File: /var/chem/gcms/me.i/E022608.b/nyextra.d
Report Date: 27-Feb-2008 07:19

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022608.b/nyextra.d
Lab Smp Id: NY EXTRA
Inj Date : 26-FEB-2008 11:39
Operator : 7126 Inst ID: me.i
Smp Info : NY EXTRA,,0,,,,
Misc Info : E022608,TO155,newyork.sub,,,20ML CX1705
Comment :
Method : /var/chem/gcms/me.i/E022608.b/TO155.m
Meth Date : 27-Feb-2008 07:19 tajh Quant Type: ISTD
Cal Date : 26-FEB-2008 11:39 Cal File: nyextra.d
Als bottle: 27 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: newyork.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
* 1 Bromochloromethane	128	8.433	8.433	(1.000)	71561	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.628	10.628	(1.000)	339876	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.421	15.421	(1.000)	299221	4.00000	4.000
99 ~ Thiophene	84	10.316	10.316	(0.971)	3237	0.08000	0.08000(A)
100 ~ 1,2,3-trimethylbenzene	105	18.772	18.772	(1.217)	8317	0.08000	0.08000(A)
101 ~ Indane	117	19.014	19.014	(1.233)	5886	0.08000	0.07999(A)
102 ~ Indene	116	19.138	19.138	(1.241)	3204	0.08000	0.07998(A)
103 ~ 2-Methylnaphthalene	142	22.005	22.005	(1.427)	14937	0.80000	0.8000(A)
104 ~ 1-Methylnaphthalene	142	22.194	22.194	(1.439)	18505	0.80000	0.8000(A)

ok

2/27/08 RT

QC Flag Legend

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

Data File: /var/chem/gcms/me.i/E022608.b/nyextra.d
Date : 26-FEB-2008 11:39
Client ID:
Sample Info: NY EXTRA,,0,,,,
Purge Volume: 500.0
Column phase: HP-5

Instrument: me.i
Operator: 7126
Column diameter: 0.32

TestAmerica Knoxville GC/MS Air Initial Calibration Data Review / Narrative Checklist
Method: TO-14 and TO-15 - KNOX-MS-0001, Rev 9

Analysis Date:	2/18/08	Instrument::	MG	ICAL Batch/Scan Name:	G021808I	Scanned □

Review Items	N/A	Yes	No	If No, why is data reportable?	2nd ➨
1. Did BFB meet tune criteria?		✓			✓
2. Were all standards injected within 24 hr of BFB?		✓			✓
3. Was date/time of analysis verified between analysis header and logbook as correct?		✓			✓
4. Is low level std at or <RL and are the remaining points consecutive?		✓			✓
5. Were at least 5 levels of each compound analyzed?		✓			✓
6. Is %RSD for all target analytes ≤ 30%? (with up to 2 compounds with RSD ≤ 40%)		✓		Acetone, toluene Acetonitrile	✓
7. Have all peaks been auto identified? If not, list:		✓			✓
8. If curves were used, is correlation coefficient ≥0.990?	X	✓ 2nd point			✓
9. At least 6 consecutive points used for quadratic curves, and at least 5 consecutive points for linear curves?		✓			✓
10. For linear or quadratic: is a tangent's slope to the curve entirely positive or negative and continuous.		✓			✓
11. For linear or quadratic: origin NOT included or forced?		✓			✓
12. Is the "Y" intercept less than the RL for each curve?		✓			✓
13. RT for each IS ±20 sec avg. RT?		✓			✓
14. Area for each IS ± 40% avg. area?		✓			✓
15. Each analyte ± 0.06 RRT of avg. RRT?		✓			✓
16. If manual integrations were performed, are they clearly identified, initialed, dated and reason given?	✓	•		Reasons: 1)Corrected split peak; 2)Unresolved peak; 3)tailing; 4)RT shift; 5)wrong peak selected; 6)other	NA
17. Have alternate hits/manual integrations been verified as correct and are correct RFs listed in ICAL summary?	✓				NA
18. Was ICAL summary form processed using correct methods and files?		✓			✓
19. Are the ICAL start and end dates/times correct on ICAL summary?		✓			✓
20. Elution order checked on isomeric pairs?		✓			✓
• dichlorodifluoromethane / 1,2-dichlorotetrafluoroethane		✓			✓
• trichlorofluoromethane / 1,1,2-trichlorotrifluoroethane		✓			✓
• vinyl acetate / hexane		✓			✓
• cis- and trans- isomers		✓			✓
• ethyl benzene / m/p-xylene / o-xylene		✓			✓
• 4-ethyl toluene/1,3,5-trimethylbenzene/1,2,4-trimethylbenzene		✓			✓
• 1,3- , 1,4- , and 1,2-dichlorobenzene		✓			✓
21. Is the second source analysis of a reference standard within limits? (65-135% R; 20-180% for benzyl chloride)		✓			✓
22. If criteria were not met, was a NCM generated, approved by supervisor, and copy included in folder?	✓				NA
23. Does the ICAL folder contain complete data in the following order: Data review checklist, a complete runlog, Entech report, BFB info, ICAL summary, curves, followed by [Quan reports, chromatograms, manual integrations] in increasing amount order.		✓			✓

Analyst:	Date: 2/20/08	2nd Level Reviewer:	Date: 2/22/08
Comments:		Comments:	
NOT VALID for MeOH. 3pt curve upper range - 1,2,3-trichlorobenz. 16ppbv.			

TestAmerica Knoxville
TO-14/15 RUN LOG

GCMS Analysis: TO-14/15 Inst: MG

Analyst: HMC Qtims Batch: n/a

Date: 2/18/08 ICAL Batch: G021808I Target Batch: G021808I IS #1 Area: 277429

Surr/IS ID & Vol.: 20ml V176 System Date/Time ok (y/n): y

Preventive Maintenance Performed ☐Daily _____

Time	Use	Lot No.	File ID	Can #	Pos	Vol* (mL)	Can DF	Comments
1950	—	tune	GBF18B18	—	16	100	1	
2052	—	ICAL 9	G1CB189	CX1712	9	20		
2128	—	1	1			40		
2204	—	2	2			80		
2241	—	3	3			160		
2352	—	4	4	CX1707	10	20		
0029	—	5	5			40		
0105	N	6	6			80		lost He.
0722	N	7	7			160		
0805	—	8	8			240		
~~1009~~ ~~1045~~ 1045	N 2/20/08	Blk	Blank	—	16	200		
~~1139~~ 1139	— 2/20/08	ICV	G1CVB18	CX1672	11	40		toluene
1139	—	ICV	CX1713	CX1713	13	40		OK tol.

2/20/08

* Entech programmed Volume. If the Entech report amount differs from the programmed amount by >5%, the Entech report amount is used for calulations.

Analyst: _____ Date: 2/20/08

080218

TA-Knoxville
TO-14 Autosampler Log

Sample	Position/Volume	Date	Time
BFB	16 - 101 mL	2/18/2008	7:50:19 PM
ICAL9	9 - 20 mL	2/18/2008	8:52:03 PM
ICAL1	9 - 41 mL	2/18/2008	9:27:59 PM
ICAL2	9 - 81 mL	2/18/2008	10:04:23 PM
ICAL3	9 - 161 mL	2/18/2008	10:41:04 PM
ICAL4	10 - 20 mL	2/18/2008	11:52:54 PM
ICAL5	10 - 41 mL	2/19/2008	12:29:21 AM
ICAL6	10 - 82 mL	2/19/2008	1:05:05 AM
ICAL7	10 - 161 mL	2/19/2008	7:22:21 AM
ICAL8	10 - 241 mL	2/19/2008	8:05:11 AM
BLK	16 - 201 mL	2/19/2008	10:09:17 AM
ICV	11 - 41 mL	2/19/2008	10:45:29 AM
ICV	13 - 40 mL	2/19/2008	11:39:01 AM

Data File: /var/chem/gcms/mg.i/G021808I.b/gbfbb18.d

Date : 18-FEB-2008 19:50

Client ID: BFB

Instrument: mg.i

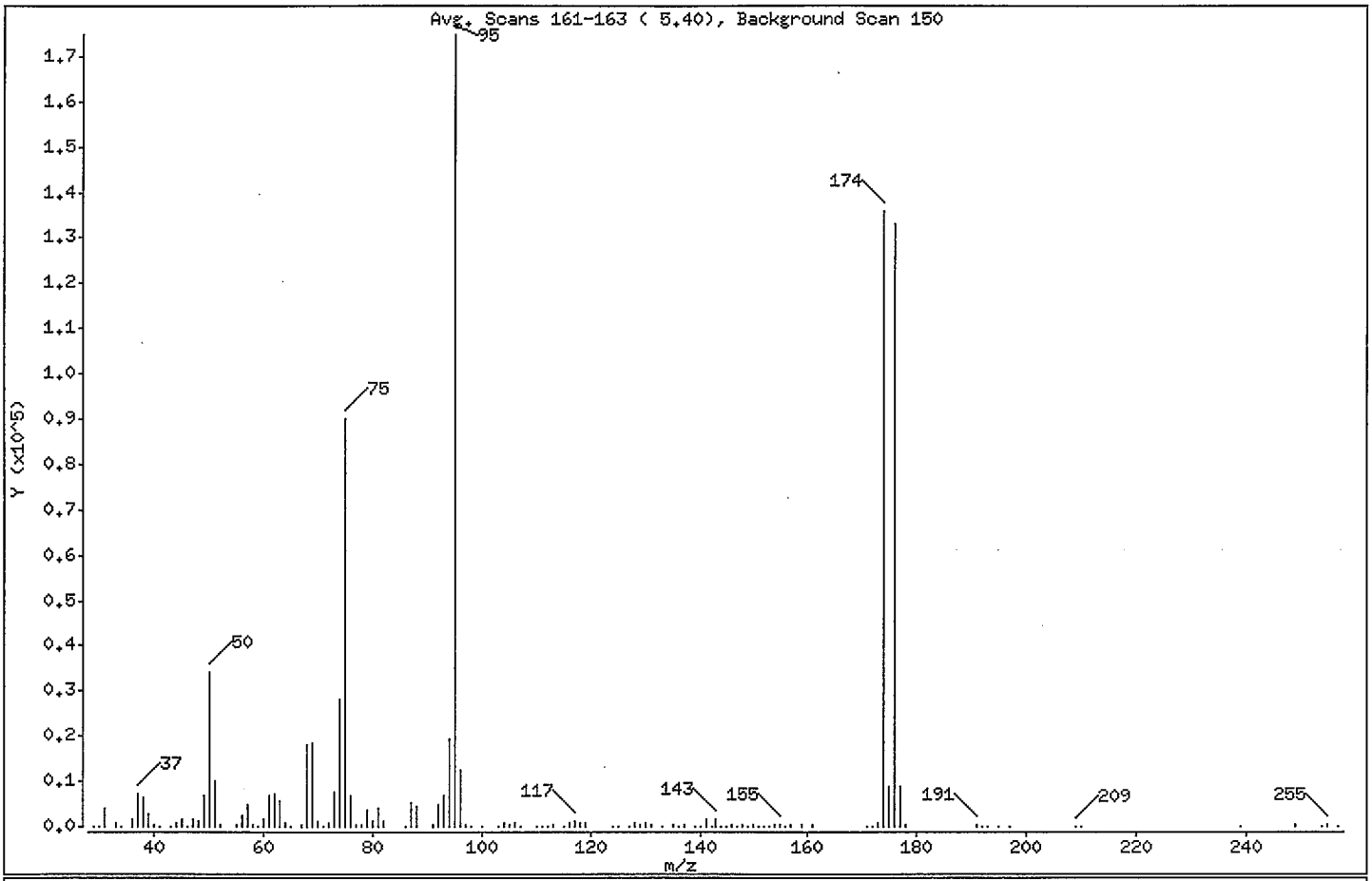
Sample Info: BFB,,3,,,BFB

Operator: 3386

Column phase: RTX-5

Column diameter: 0.32

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	19.56
75	30.00 - 60.00% of mass 95	51.56
96	5.00 - 9.00% of mass 95	7.03
173	Less than 2.00% of mass 174	0.41 (0.53)
174	50.00 - 120.00% of mass 95	77.81
175	5.00 - 9.00% of mass 174	5.03 (6.47)
176	95.00 - 101.00% of mass 174	76.16 (97.87)
177	5.00 - 9.00% of mass 176	4.96 (6.51)

Data File: /var/chem/gcms/mg.i/G021808I.b/gbfbb18.d

Date : 18-FEB-2008 19:50

Client ID: BFB

Instrument: mg.i

Sample Info: BFB,,3,,,BFB

Operator: 3386

Column phase: RTX-5

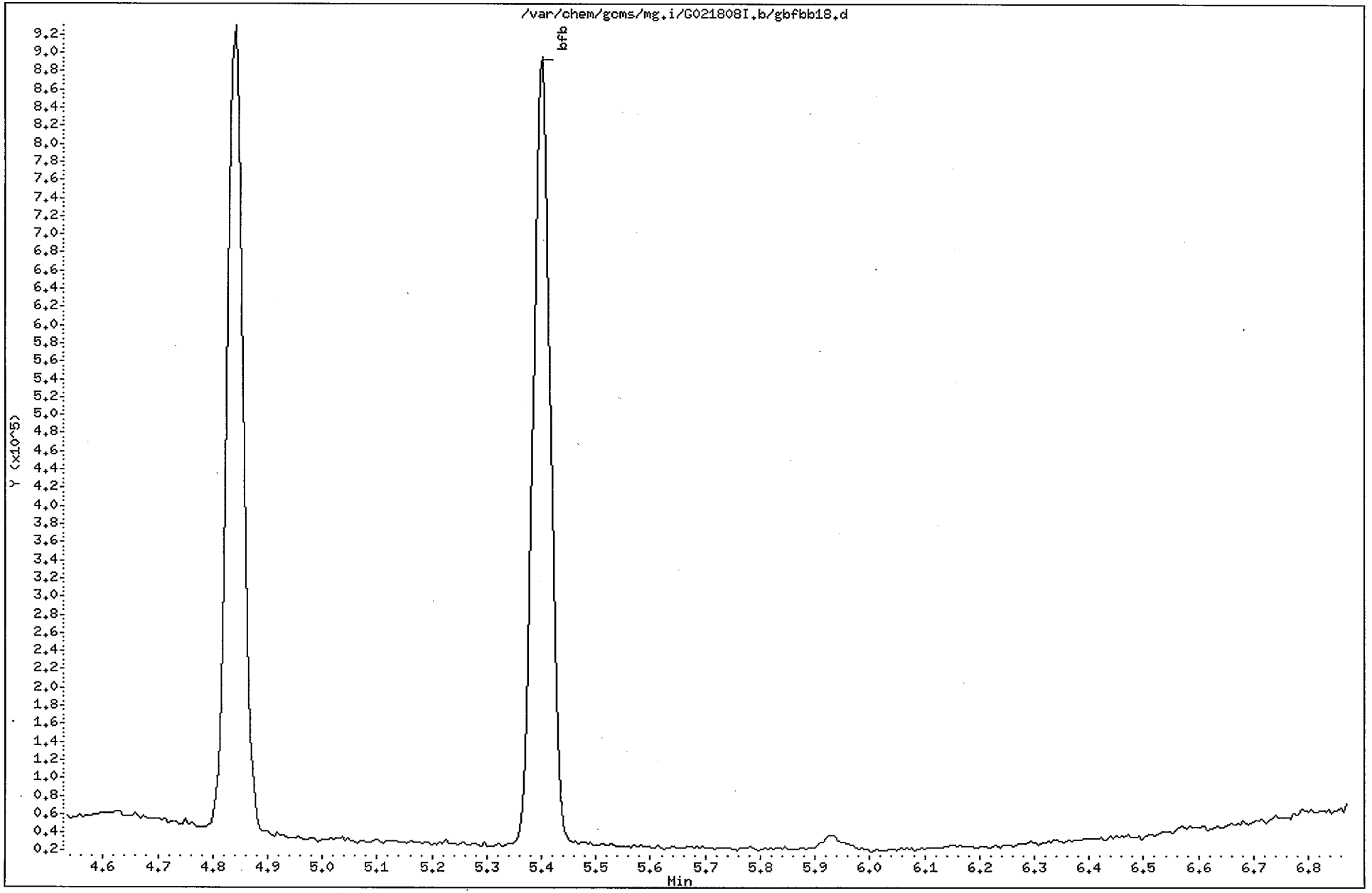
Column diameter: 0.32

Data File: gbfbb18.d
Spectrum: Avg. Scans 161-163 (5.40), Background Scan 150
Location of Maximum: 95.00
Number of points: 126

m/z	Y	m/z	Y	m/z	Y	m/z	Y
29.00	11	67.00	216	107.00	184	150.00	202
30.00	184	68.00	18112	110.00	114	151.00	59
31.00	4126	69.00	18296	111.00	124	152.00	128
33.00	631	70.00	1393	112.00	55	153.00	135
34.00	128	71.00	52	113.00	202	154.00	243
36.00	1468	72.00	782	115.00	14	155.00	534
37.00	7043	73.00	7655	116.00	649	156.00	26
38.00	6570	74.00	27952	117.00	1064	157.00	425
39.00	2656	75.00	90128	118.00	617	159.00	277
40.00	372	76.00	7007	119.00	646	161.00	237
41.00	45	77.00	583	124.00	125	171.00	51
43.00	85	78.00	402	125.00	61	172.00	60
44.00	882	79.00	3663	127.00	67	173.00	720
45.00	1701	80.00	1351	128.00	628	174.00	136000
46.00	121	81.00	3950	129.00	299	175.00	8797
47.00	1521	82.00	1061	130.00	629	176.00	133120
48.00	1075	86.00	135	131.00	341	177.00	8668
49.00	6701	87.00	5177	133.00	49	178.00	304
50.00	34192	88.00	4527	135.00	365	191.00	312
51.00	10159	91.00	395	136.00	70	192.00	50
52.00	470	92.00	4924	137.00	396	193.00	176
55.00	292	93.00	6905	139.00	78	195.00	83
56.00	2489	94.00	19224	140.00	84	197.00	78
57.00	4932	95.00	174784	141.00	1679	209.00	61
58.00	214	96.00	12290	142.00	150	210.00	54
59.00	123	97.00	475	143.00	1730	239.00	59
60.00	1524	98.00	63	144.00	72	249.00	260
61.00	6634	100.00	50	145.00	191	254.00	175
62.00	7341	103.00	162	146.00	248	255.00	287
63.00	5807	104.00	623	147.00	30	257.00	61
64.00	642	105.00	254	148.00	395		
65.00	129	106.00	739	149.00	27		

Data File: /var/chem/gcms/mg.i/G021808I.b/gbfbb18.d
Date : 18-FEB-2008 19:50
Client ID: BFB
Sample Info: BFB,,3,,,BFB

Instrument: mg.i
Operator: 3386
Column phase: RTX-5
Column diameter: 0.32



Report Date:02/19/2008

INITIAL CALIBRATION RT and RRT REPORT

STD 1 = /var/chem/gcms/mg.i/G021808I.b/gicb189.d
STD 2 = /var/chem/gcms/mg.i/G021808I.b/gicb181.d
STD 3 = /var/chem/gcms/mg.i/G021808I.b/gicb182.d
STD 4 = /var/chem/gcms/mg.i/G021808I.b/gicb183.d
STD 5 = /var/chem/gcms/mg.i/G021808I.b/gicb184.d
STD 6 = /var/chem/gcms/mg.i/G021808I.b/gicb185.d
STD 7 = /var/chem/gcms/mg.i/G021808I.b/gicb188.d

COMPOUND	STD 1	STD 2	STD 3	STD 4	STD 5	STD 6	STD 7	MEAN
1,4-Difluorobenzene	11.616	11.616	11.616	11.616	11.616	11.616	11.621	11.617
Chlorobenzene-d5	16.275	16.275	16.275	16.275	16.275	16.275	16.280	16.276
Bromochloromethane	9.470	9.469	9.470	9.470	9.470	9.464	9.470	9.469
1,2-Dichloroethane-d4	0.902	0.902	0.902	0.902	0.902	0.902	0.902	0.902
4-Bromofluorobenzene	1.099	1.099	1.099	1.099	1.099	1.099	1.099	1.099
Toluene-d8	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873
sec-butylbenzene	NA	1.182	1.182	1.182	1.182	1.182	1.182	1.182
1,3-Dichlorobenzene	NA	1.184	1.184	1.184	1.184	1.184	1.184	1.184
Benzyl Chloride	NA	NA	1.188	1.188	1.188	1.188	1.188	1.188
Chlorodifluoromethane	NA	0.417	0.418	0.418	0.418	0.418	0.418	0.418
1,4-Dichlorobenzene	NA	1.189	1.189	1.189	1.189	1.189	1.189	1.189
Dichlorodifluoromethane	NA	0.425	0.425	0.425	0.425	0.425	0.425	0.425
Chloromethane	NA	NA	0.448	0.446	0.446	0.447	0.447	0.447
1,2-Dichlorotetrafluoroethan	0.446	0.447	0.447	0.446	0.446	0.447	0.447	0.446
Methanol	NA	NA	NA	NA	0.460	0.460	0.461	0.460
Vinyl Chloride	0.467	0.467	0.467	0.467	0.466	0.467	0.467	0.467
n-Butane	NA	0.477	0.477	0.477	0.477	0.477	0.477	0.477
1,3-Butadiene	NA	NA	0.477	0.477	0.477	0.477	0.477	0.477
Bromomethane	NA	0.516	0.516	0.515	0.515	0.516	0.515	0.516
Chloroethane	NA	0.531	0.532	0.532	0.532	0.532	0.532	0.532
Vinyl Bromide	NA	0.568	0.567	0.568	0.568	0.568	0.568	0.568
p-Cymene	NA	1.192	1.192	1.192	1.192	1.192	1.192	1.192
Trichlorofluoromethane	0.598	0.597	0.598	0.598	0.598	0.598	0.598	0.598
Acrolein	NA	NA	0.600	0.600	0.599	0.599	0.600	0.600
Acetonitrile	NA	NA	0.608	0.608	0.607	0.607	0.607	0.607
Acetone	NA	NA	0.613	0.613	0.612	0.612	0.612	0.612
Pentane	NA	NA	0.622	0.623	0.622	0.623	0.623	0.623
1,2-Dichlorobenzene	NA	1.211	1.211	1.211	1.211	1.211	1.210	1.211
Ethyl Ether	0.642	0.641	0.642	0.641	0.641	0.641	0.641	0.641
1,1-Dichloroethene	NA	0.679	0.679	0.679	0.679	0.679	0.679	0.679
Acrylonitrile	NA	NA	0.691	0.691	0.690	0.691	0.691	0.691
tert-butanol	NA	NA	0.687	0.686	0.685	0.685	0.684	0.685
1,1,2-Trichlorotrifluoroetha	0.698	0.698	0.698	0.698	0.698	0.697	0.698	0.698
Methylene Chloride	NA	NA	0.719	0.719	0.718	0.718	0.719	0.719
3-Chloropropene	NA	0.720	0.720	0.720	0.720	0.720	0.720	0.720
Carbon Disulfide	NA	NA	0.738	0.737	0.737	0.738	0.737	0.737
trans-1,2-Dichloroethene	NA	0.809	0.808	0.808	0.808	0.808	0.809	0.808
Methyl-t-Butyl Ether	NA	NA	0.822	0.821	0.820	0.820	0.819	0.820
1,1-Dichloroethane	0.855	0.855	0.855	0.855	0.855	0.855	0.855	0.855

Evaluation Criteria
Internal Standard RT shift within 20 seconds of mean RT
Target compound RRT within 0.06 RRT of the RRT mean
Note: IS data is RT, SS and Target Compound Data is RRT.

INITIAL CALIBRATION RT and RRT REPORT

STD 1 = /var/chem/gcms/mg.i/G021808I.b/gicb189.d
STD 2 = /var/chem/gcms/mg.i/G021808I.b/gicb181.d
STD 3 = /var/chem/gcms/mg.i/G021808I.b/gicb182.d
STD 4 = /var/chem/gcms/mg.i/G021808I.b/gicb183.d
STD 5 = /var/chem/gcms/mg.i/G021808I.b/gicb184.d
STD 6 = /var/chem/gcms/mg.i/G021808I.b/gicb185.d
STD 7 = /var/chem/gcms/mg.i/G021808I.b/gicb188.d

COMPOUND	STD 1	STD 2	STD 3	STD 4	STD 5	STD 6	STD 7	MEAN
Vinyl Acetate	NA	0.866	0.864	0.865	0.865	0.865	0.865	0.865
Hexane	NA	NA	0.916	0.916	0.916	0.917	0.917	0.916
2-Butanone	NA	NA	0.916	0.916	0.914	0.914	0.913	0.915
cis 1,2-Dichloroethene	NA	0.963	0.963	0.963	0.963	0.964	0.963	0.963
n-butylbenzene	NA	1.218	1.218	1.218	1.218	1.218	1.217	1.218
Chloroform	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000
Undecane	NA	NA	1.235	1.235	1.235	1.235	1.234	1.235
1,1,1-Trichloroethane	1.110	1.111	1.110	1.110	1.110	1.111	1.110	1.110
1,2-Dichloroethane	NA	0.915	0.915	0.915	0.915	0.915	0.915	0.915
Cyclohexane	NA	0.954	0.954	0.956	0.955	0.955	0.955	0.955
Benzene	0.955	0.955	0.955	0.955	0.955	0.955	0.955	0.955
1-Butanol	NA	NA	0.948	0.948	0.947	0.947	0.946	0.947
Carbon Tetrachloride	0.958	0.958	0.957	0.957	0.957	0.957	0.957	0.957
2,2,4-trimethylpentane	NA	1.017	1.017	1.017	1.017	1.017	1.017	1.017
Hexachlorobutadiene	NA	1.337	1.337	1.337	1.337	1.337	1.337	1.337
Heptane	NA	1.048	1.048	1.048	1.048	1.048	1.048	1.048
1,2-Dichloropropane	NA	1.058	1.058	1.058	1.058	1.058	1.058	1.058
Trichloroethene	1.061	1.061	1.060	1.060	1.060	1.060	1.060	1.060
Dibromomethane	NA	1.068	1.069	1.069	1.069	1.069	1.069	1.069
Bromodichloromethane	1.080	1.080	1.080	1.080	1.080	1.080	1.080	1.080
Napthalene	NA	1.325	1.326	1.325	1.326	1.325	1.325	1.325
1,2,4-Trichlorobenzene	NA	1.316	1.316	1.316	1.316	1.316	1.316	1.316
4-Methyl-2-pentanone	NA	NA	1.158	1.158	1.157	1.157	1.157	1.157
cis-1,3-Dichloropropene	NA	1.164	1.164	1.164	1.164	1.164	1.164	1.164
trans-1,3-Dichloropropene	NA	0.873	0.873	0.873	0.873	0.873	0.872	0.873
Toluene	NA	0.880	0.880	0.880	0.880	0.880	0.880	0.880
1,1,2-Trichloroethane	NA	0.885	0.885	0.885	0.885	0.885	0.885	0.885
2-Hexanone	NA	NA	0.907	0.907	0.906	0.906	0.906	0.906
Octane	NA	0.920	0.920	0.920	0.920	0.920	0.920	0.920
Dibromochloromethane	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928
1,2-Dibromoethane	NA	0.946	0.946	0.946	0.946	0.946	0.946	0.946
Tetrachloroethene	NA	0.949	0.950	0.950	0.950	0.950	0.950	0.950
Chlorobenzene	NA	1.003	1.003	1.003	1.003	1.003	1.003	1.003
Ethylbenzene	NA	1.020	1.020	1.020	1.020	1.020	1.020	1.020
m&p-Xylene	1.029	1.029	1.029	1.029	1.029	1.029	1.029	1.029
Nonane	NA	1.053	1.053	1.053	1.053	1.053	1.053	1.053
Bromoform	NA	1.058	1.058	1.059	1.058	1.059	1.058	1.058
Styrene	1.058	1.058	1.058	1.058	1.058	1.058	1.058	1.058
o-Xylene	NA	1.062	1.062	1.062	1.062	1.062	1.062	1.062

Evaluation Criteria
Internal Standard RT shift within 20 seconds of mean RT
Target compound RRT within 0.06 RRT of the RRT mean
Note: IS data is RT, SS and Target Compound Data is RRT.

INITIAL CALIBRATION RT and RRT REPORT

STD 1 = /var/chem/gcms/mg.i/G021808I.b/gicb189.d
STD 2 = /var/chem/gcms/mg.i/G021808I.b/gicb181.d
STD 3 = /var/chem/gcms/mg.i/G021808I.b/gicb182.d
STD 4 = /var/chem/gcms/mg.i/G021808I.b/gicb183.d
STD 5 = /var/chem/gcms/mg.i/G021808I.b/gicb184.d
STD 6 = /var/chem/gcms/mg.i/G021808I.b/gicb185.d
STD 7 = /var/chem/gcms/mg.i/G021808I.b/gicb188.d

COMPOUND	STD 1	STD 2	STD 3	STD 4	STD 5	STD 6	STD 7	MEAN
1,1,2,2-Tetrachloroethane	NA	1.082	1.082	1.082	1.082	1.082	1.081	1.082
1,2,3-Trichloropropane	NA	1.091	1.091	1.091	1.091	1.091	1.091	1.091
Cumene	NA	1.097	1.097	1.097	1.097	1.097	1.097	1.097
n-Propylbenzene	NA	1.128	1.128	1.128	1.128	1.128	1.128	1.128
2-chlorotoluene	NA	1.132	1.132	1.132	1.132	1.132	1.131	1.132
4-Ethyltoluene	NA	1.137	1.137	1.137	1.137	1.137	1.137	1.137
1,3,5-Trimethylbenzene	NA	1.141	1.141	1.141	1.141	1.141	1.141	1.141
Alpha-Methylstyrene	NA	NA	1.155	1.155	1.155	1.155	1.155	1.155
Decane	NA	1.157	1.157	1.157	1.157	1.157	1.157	1.157
Dodecane	NA	NA	1.301	1.301	1.301	1.301	1.301	1.301
1,2,4-Trimethylbenzene	NA	1.167	1.167	1.167	1.167	1.167	1.167	1.167
Propene	NA	0.419	0.419	0.420	0.419	0.419	0.420	0.419
2-methyl butane	NA	NA	0.572	0.572	0.572	0.573	0.572	0.572
Isopropyl Alcohol	NA	NA	0.620	0.618	0.618	0.618	0.618	0.618
Ethyl acetate	NA	NA	0.982	0.981	0.980	0.981	0.980	0.981
Tetrahydrofuran	NA	NA	1.046	1.045	1.043	1.043	1.042	1.044
1,4-dioxane	NA	NA	1.081	1.081	1.080	1.080	1.079	1.080
methyl methacrylate	NA	NA	1.085	1.086	1.085	1.085	1.085	1.085
tert-butylbenzene	NA	NA	1.167	1.167	1.167	1.167	1.166	1.167
1.2.3-trichlorobenzene	NA	1.342	1.342	1.342	1.342	1.342	NA	1.342

Evaluation Criteria
Internal Standard RT shift within 20 seconds of mean RT
Target compound RRT within 0.06 RRT of the RRT mean
Note: IS data is RT, SS and Target Compound Data is RRT.

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Calibration File Names:
Level 1: /var/chem/gcms/mg.i/G021808I.b/gicb181.d
Level 2: /var/chem/gcms/mg.i/G021808I.b/gicb182.d
Level 3: /var/chem/gcms/mg.i/G021808I.b/gicb183.d
Level 4: /var/chem/gcms/mg.i/G021808I.b/gicb184.d
Level 5: /var/chem/gcms/mg.i/G021808I.b/gicb185.d
Level 8: /var/chem/gcms/mg.i/G021808I.b/gicb188.d
Level 9: /var/chem/gcms/mg.i/G021808I.b/gicb189.d

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	m1	m2	%RSD or R^2
7 Chlorodifluoromethane	0.60287	0.46201	0.38816	0.39000	0.39165	0.28996					
	+++++						AVRG		0.42078		24.88680
8 Propene	1.46923	1.01125	0.87289	0.90521	0.90223	0.59456					
	+++++						AVRG		0.95923		29.83110
9 Dichlorodifluoromethane	4.48717	3.87410	3.56327	3.78411	3.77653	2.65793					
	+++++						AVRG		3.69052		16.10793
10 Chloromethane	+++++	0.32907	0.27722	0.24422	0.25958	0.19901					
	+++++						AVRG		0.26182		18.13562

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	m1	m2	%RSD or R^2
	0.0400 Level 9										
11 1,2-Dichlorotetrafluoroethane	1.96444	1.92000	1.50174	1.35902	1.36933	0.96753					
	2.05313						AVRG		1.59074		25.15720
12 Methanol	+++++	+++++	+++++	0.20094	0.19903	0.16945					
	+++++						AVRG		0.18981		9.30312
13 Vinyl Chloride	1.37187	0.99106	0.92535	0.91576	0.97119	0.74487					
	1.16368						AVRG		1.01197		19.87580
14 n-Butane	1.92617	1.74107	1.39818	1.35453	1.46240	1.14883					
	+++++						AVRG		1.50520		18.69290
15 1,3-Butadiene	+++++	0.77107	0.70453	0.65317	0.68945	0.54003					
	+++++						AVRG		0.67166		12.66589
16 Bromomethane	1.61201	1.26061	1.16969	1.15338	1.16691	0.80732					
	+++++						AVRG		1.19499		21.55251
17 Chloroethane	0.91241	0.74962	0.69414	0.63530	0.63842	0.43696					
	+++++						AVRG		0.67781		23.02955

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TestAmerica Knoxville

INITIAL CALIBRATION DATA

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Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	m1	m2	%RSD or R^2	
18 Vinyl Bromide	1.56217	1.22332	1.14967	1.36110	1.28559	0.82859						
	+++++						AVRG		1.23508		19.76935	
19 2-methyl butane	+++++	1.60079	1.43087	1.50361	1.47463	1.03976						
	+++++						AVRG		1.40993		15.32939	
20 Trichlorofluoromethane	5.35584	4.22095	4.02619	4.20213	4.15372	3.01346						
	4.82888						AVRG		4.25731		17.01704	
21 Acrolein	+++++	0.28240	0.33541	0.25421	0.27852	0.19296						
	+++++						AVRG		0.26871		19.23324	
22 Acetonitrile	+++++	0.54287	0.54190	0.32649	0.40783	0.24602						
	+++++						AVRG		0.41302		31.77128	<-
23 Acetone	+++++	0.62944	0.60218	0.41272	0.39071	0.23109						
	+++++						AVRG		0.45323		36.27668	<-
24 Pentane	+++++	0.26037	0.24987	0.25493	0.24140	0.16071						
	+++++						AVRG		0.23347		17.67601	

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Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	m1	m2	%RSD or R^2	
25 Isopropyl Alcohol	+++++	2.97396	2.41034	2.43959	2.43651	1.66541						
	+++++						AVRG		2.38517		19.56358	
26 Ethyl Ether	0.68362	0.97464	1.63018	0.85714	0.88691	0.90170						
	1.06076						AVRG		0.99928		30.14539	<-OK
27 1,1-Dichloroethene	1.74007	1.30457	1.05374	1.33855	1.29500	0.71478						
	+++++						AVRG		1.24112		27.38309	
28 Acrylonitrile	+++++	0.57814	0.80032	0.55362	0.66451	0.42018						
	+++++						AVRG		0.60335		23.32211	
29 tert-butanol	+++++	3.89468	3.19220	3.87007	3.68881	2.19139						
	+++++						AVRG		3.36744		21.24724	
30 1,1,2-Trichlorotrifluoroethan	3.16745	2.72209	2.54596	2.59716	2.55599	1.70950						
	3.35360						AVRG		2.66454		19.82060	
31 Methylene Chloride	+++++	1.51732	1.35957	1.02200	1.04666	0.70578						
	+++++						AVRG		1.13027		28.02334	

Report Date : 20-Feb-2008 15:59

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INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
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Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
32 3-Chloropropene	1.83638	1.30921	1.55119	1.29416	1.35042	1.08159					
	+++++						AVRG		1.40383		18.47944
33 Carbon Disulfide	+++++	3.64581	3.39602	3.93570	3.79445	2.70515					
	+++++						AVRG		3.49543		13.87068
34 trans-1,2-Dichloroethene	1.88411	1.59750	1.52861	1.28334	1.36776	0.93228					
	+++++						AVRG		1.43227		22.45270
35 Methyl-t-Butyl Ether	+++++	2.49388	3.22995	2.53237	2.42918	1.55084					
	+++++						AVRG		2.44725		24.39732
36 1,1-Dichloroethane	3.18091	2.38809	2.92018	2.05674	2.33994	1.82604					
	2.37977						AVRG		2.44167		19.20783
37 Vinyl Acetate	2.62745	1.66494	2.04612	1.74373	2.01334	1.12824					
	+++++						AVRG		1.87064		26.55182
38 Hexane	+++++	1.19240	1.21972	0.97174	1.06456	0.78495					
	+++++						AVRG		1.04668		16.93102

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
39 2-Butanone	+++++	0.49109	0.43319	0.38849	0.37662	0.23415					
	+++++						AVRG		0.38471		24.80226
40 cis 1,2-Dichloroethene	1.85551	1.37694	1.47192	1.05526	1.21553	0.92666					
	+++++						AVRG		1.31698		25.15549
41 Ethyl acetate	+++++	1.93043	1.93741	1.79117	1.76851	1.12080					
	+++++						AVRG		1.70967		19.78072
42 Chloroform	3.81469	2.91145	3.51464	2.34947	2.74710	2.18545					
	2.82369						AVRG		2.90665		20.14508
43 Tetrahydrofuran	+++++	0.98874	1.13695	0.91708	0.90084	0.61025					
	+++++						AVRG		0.91077		21.09797
44 1,1,1-Trichloroethane	3.85738	3.15105	3.66518	2.63457	3.09702	2.47277					
	3.21297						AVRG		3.15585		15.82593
45 1,2-Dichloroethane	0.76645	0.59932	0.70385	0.56250	0.66183	0.49319					
	+++++						AVRG		0.63119		15.73066

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
46 Cyclohexane	0.19254	0.18656	0.15323	0.18678	0.18901	0.12775					
	+++++						AVRG		0.17265		15.21335
47 Benzene	1.20871	0.99593	1.09685	0.94204	1.05052	0.72293					
	1.21672						AVRG		1.03339		16.51695
48 1-Butanol	+++++	0.18291	0.13064	0.21557	0.19788	0.14153					
	+++++						AVRG		0.17371		20.97775
49 Carbon Tetrachloride	0.94259	0.85602	0.87985	0.91647	0.97772	0.75244					
	1.12051						AVRG		0.92080		12.36935
50 2,2,4-trimethylpentane	1.89469	1.52882	1.71324	1.70353	1.80292	1.27240					
	+++++						AVRG		1.65260		13.45863
51 Heptane	0.78476	0.62349	0.67025	0.67147	0.71182	0.50298					
	+++++						AVRG		0.66080		14.27257
52 1,2-Dichloropropane	0.38467	0.30930	0.41092	0.25913	0.29960	0.26989					
	+++++						AVRG		0.32225		19.21177

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
53 Trichloroethene	0.70880	0.61820	0.65281	0.61190	0.62355	0.45542					
	0.83796						AVRG		0.64409		17.87958
54 Dibromomethane	0.58130	0.47812	0.52418	0.47201	0.49700	0.34324					
	+++++						AVRG		0.48264		16.37526
55 Bromodichloromethane	0.93146	0.75322	0.91375	0.80842	0.85500	0.67723					
	0.95724						AVRG		0.84233		12.14157
56 1,4-dioxane	+++++	0.24653	0.20586	0.25843	0.22714	0.13299					
	+++++						AVRG		0.21419		23.14880
57 methyl methacrylate	+++++	0.28022	0.28238	0.40308	0.36581	0.23779					
	+++++						AVRG		0.31385		21.70797
58 4-Methyl-2-pentanone	+++++	0.73619	0.61386	0.87151	0.81461	0.58303					
	+++++						AVRG		0.72384		17.21684
59 cis-1,3-Dichloropropene	0.73959	0.54801	0.65457	0.49783	0.54305	0.44682					
	+++++						AVRG		0.57164		18.75783

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
60 trans-1,3-Dichloropropene	0.87154	0.69184	0.83719	0.60934	0.60851	0.61959					
	+++++						AVRG		0.70634		16.88588
61 Toluene	34455	49160	167945	387440	792468	4242265					
	+++++						LINR	-0.04307	0.99054		0.99978
62 1,1,2-Trichloroethane	0.51051	0.40573	0.53451	0.32904	0.31927	0.35448					
	+++++						AVRG		0.40892		22.80628
63 2-Hexanone	+++++	0.43819	0.33699	0.52250	0.49730	0.33790					
	+++++						AVRG		0.42658		20.37853
64 Octane	0.63502	0.48862	0.53628	0.49207	0.45732	0.34354					
	+++++						AVRG		0.49214		19.41971
65 Dibromochloromethane	1.00390	0.82755	0.92931	0.85183	0.84074	0.78337					
	0.85067						AVRG		0.86962		8.43878
66 1,2-Dibromoethane	0.94164	0.74662	0.90983	0.60858	0.61498	0.64377					
	+++++						AVRG		0.74424		20.07430

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
67 Tetrachloroethene	0.69888	0.60474	0.60033	0.54055	0.52287	0.39672					
	+++++						AVRG		0.56068		18.07110
68 Chlorobenzene	1.36705	1.08077	1.27026	0.96139	0.94087	0.88291					
	+++++						AVRG		1.08388		18.02202
69 Ethylbenzene	1.58967	1.18235	1.78516	1.38968	1.31033	1.20210					
	+++++						AVRG		1.40988		16.73725
70 m&p-Xylene	1.30467	0.93649	1.37989	1.15288	1.08120	0.92915					
	1.31360						AVRG		1.15684		15.87335
71 Nonane	0.93997	0.87970	1.02020	1.00800	0.92117	0.79811					
	+++++						AVRG		0.92786		8.92571
72 Bromoform	0.82062	0.67993	0.83012	0.78156	0.81818	0.90893					
	+++++						AVRG		0.80656		9.28261
73 Styrene	0.76796	0.61340	0.87283	0.81130	0.80143	0.76879					
	0.84608						AVRG		0.78311		10.73207

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	m1	m2	%RSD or R^2
	0.0400 Level 9										
74 o-Xylene	1.25503	1.02610	1.44344	1.25499	1.18187	0.98709					
	+++++						AVRG		1.19142		14.08387
75 1,1,2,2-Tetrachloroethane	1.04059	0.86908	0.94917	0.99485	0.97963	0.70947					
	+++++						AVRG		0.92380		12.93371
76 1,2,3-Trichloropropane	0.34912	0.26730	0.28175	0.31705	0.31257	0.25192					
	+++++						AVRG		0.29662		12.16105
77 Cumene	1.94715	1.53075	1.92656	1.87788	1.79793	1.50812					
	+++++						AVRG		1.76473		11.16108
78 n-Propylbenzene	0.53150	0.43686	0.46803	0.53091	0.52880	0.39711					
	+++++						AVRG		0.48220		11.90270
79 2-chlorotoluene	0.53691	0.43006	0.57193	0.47642	0.46578	0.44487					
	+++++						AVRG		0.48766		11.33661
80 4-Ethyltoluene	2.08260	1.63197	1.61162	2.12567	2.12873	1.58192					
	+++++						AVRG		1.86042		14.88361

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO15S.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
81 1,3,5-Trimethylbenzene	0.87270	0.70632	0.64877	0.84402	0.85465	0.56369					
	+++++						AVRG		0.74836		17.08058
82 Alpha-Methylstyrene	+++++	0.58538	0.59895	0.81343	0.87399	0.64217					
	+++++						AVRG		0.70279		18.79513
83 Decane	1.28902	1.09511	1.44676	1.33540	1.33389	1.11374					
	+++++						AVRG		1.26899		10.86015
84 tert-butylbenzene	+++++	1.69620	1.59719	2.02063	2.01265	1.37447					
	+++++						AVRG		1.74023		15.97164
85 1,2,4-Trimethylbenzene	1.99833	1.61095	1.41387	1.98056	2.00489	1.34888					
	+++++						AVRG		1.72625		17.75359
86 sec-butylbenzene	2.73242	2.30685	2.23420	2.81101	2.83709	1.92242					
	+++++						AVRG		2.47400		15.14417
87 1,3-Dichlorobenzene	1.42872	1.18660	1.33995	1.30676	1.29603	1.08270					
	+++++						AVRG		1.27346		9.55838

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
88 Benzyl Chloride	+++++ / +++++	1.28324	1.07524	1.88313	1.91712	1.26141	AVRG		1.48403		26.18108
89 1,4-Dichlorobenzene	1.44610 / +++++	1.13917	1.19907	1.28787	1.28961	1.06551	AVRG		1.23789		10.80765
90 p-Cymene	2.46107 / +++++	2.17526	1.78433	2.66938	2.63527	1.59975	AVRG		2.22084		20.22767
91 1,2-Dichlorobenzene	1.56971 / +++++	1.27022	1.35254	1.36315	1.32321	0.95502	AVRG		1.30564		15.30806
92 n-butylbenzene	2.44253 / +++++	2.16739	1.67409	2.63068	2.52073	1.55555	AVRG		2.16516		20.99151
93 Undecane	+++++ / +++++	1.73172	1.38150	1.86926	1.62545	1.08355	AVRG		1.53830		20.19207
94 Dodecane	+++++ / +++++	2.11593	1.32853	1.78146	1.52670	0.92100	AVRG		1.53473		29.46402

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1 / 0.0400 Level 9	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
95 1,2,4-Trichlorobenzene	1.57982	1.42339	0.95620	1.21476	1.07618	0.67078					
	+++++						AVRG		1.15352		28.39070
96 Napthalene	3.41225	3.10751	2.03758	2.64388	2.32893	1.42400					
	+++++						AVRG		2.49236		29.05771
97 Hexachlorobutadiene	1.58960	1.38943	1.41529	1.20811	1.04336	0.81809					
	+++++						AVRG		1.24398		22.53361
98 1.2.3-trichlorobenzene	1.49838	1.42419	0.92382	1.05887	0.91317	+++++					
	+++++						AVRG		1.16369		23.96754
99 ~ Thiophene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
100 ~ 1,2,3-Trimethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
101 ~ Indane	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00

Report Date : 20-Feb-2008 15:59

TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Compound	0.0800 Level 1	0.1600 Level 2	0.3200 Level 3	2 Level 4	4 Level 5	24 Level 8	Curve	Coefficients b	m1	m2	%RSD or R^2
	0.0400 Level 9										
102 ~ Indene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
103 ~ 2-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
104 ~ 1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
$ 4 1,2-Dichloroethane-d4	0.26890	0.26972	0.26036	0.28218	0.28441	0.27140					
	0.28084						AVRG		0.27397		3.19288
$ 5 Toluene-d8	0.81907	0.80640	0.86299	0.90936	0.85393	0.89954					
	0.90949						AVRG		0.86582		4.90123
$ 6 4-Bromofluorobenzene	0.66666	0.66316	0.67371	0.75792	0.75793	0.80095					
	0.73959						AVRG		0.72285		7.57229

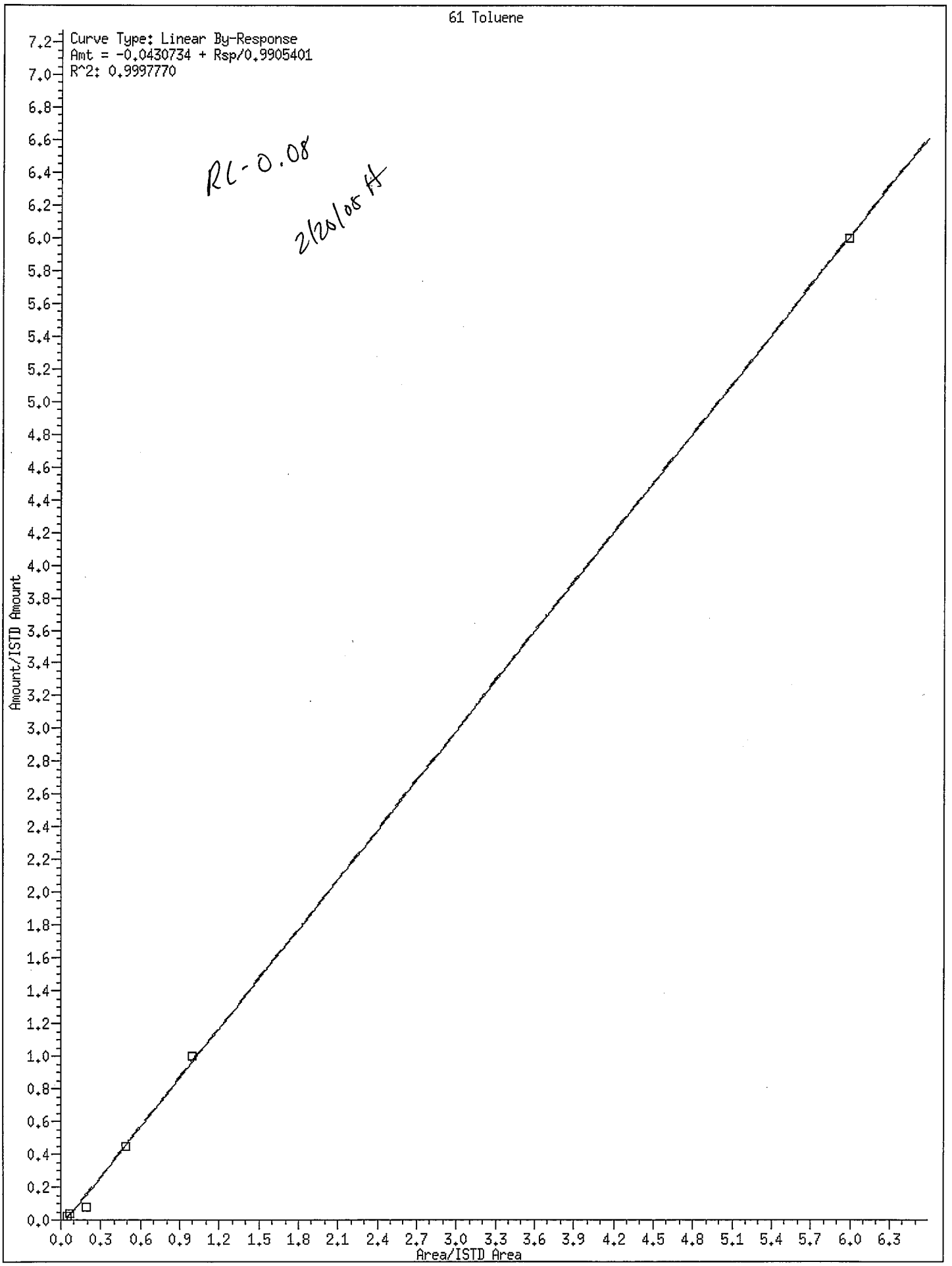
Report Date : 20-Feb-2008 15:59

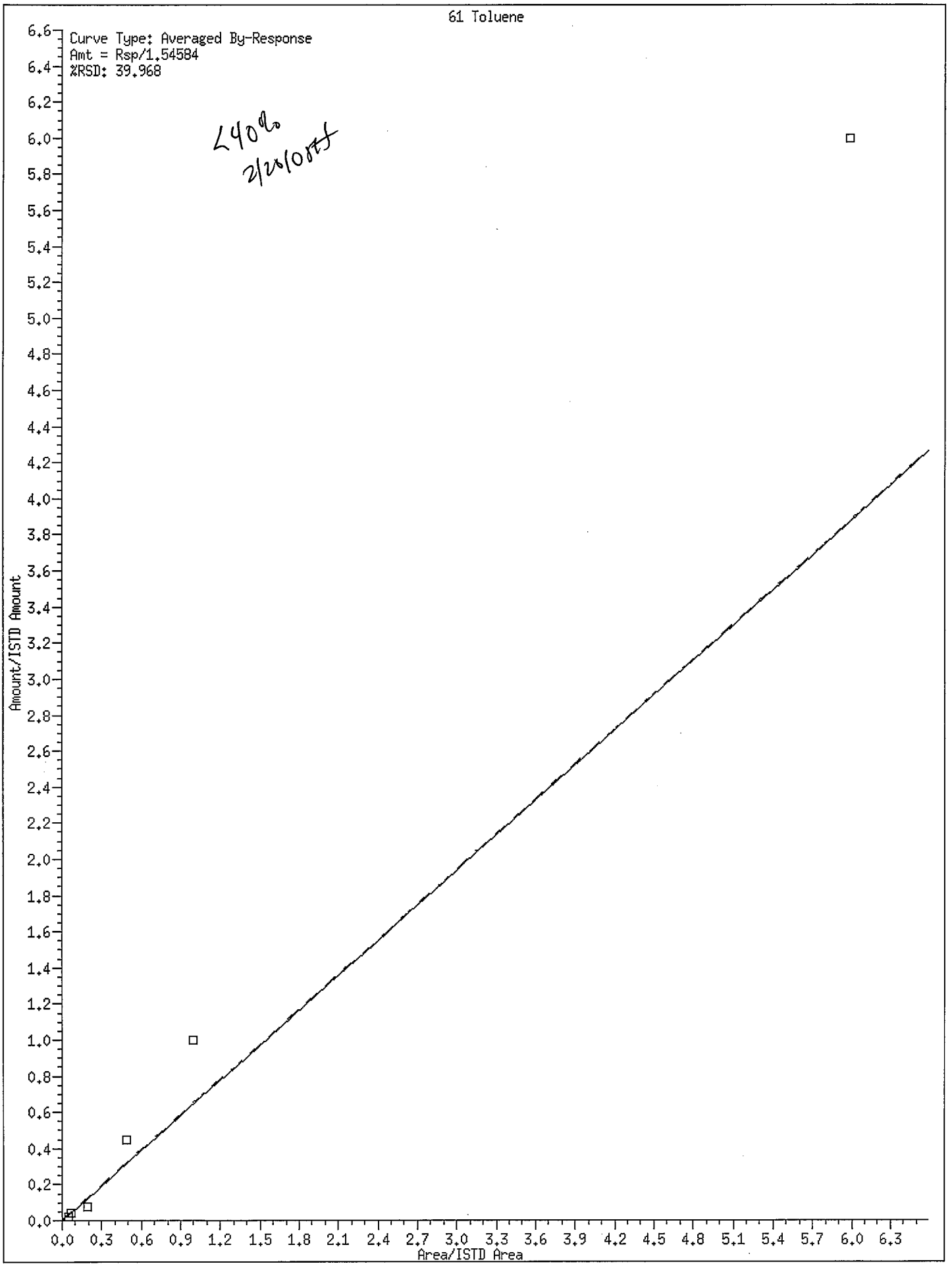
TestAmerica Knoxville

INITIAL CALIBRATION DATA

Start Cal Date : 18-FEB-2008 20:52
End Cal Date : 19-FEB-2008 08:05
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Cal Date : 20-Feb-2008 13:53 tajh

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response


61 Toluene
Curve Type: Linear By-Response
Amt = -0.0430734 + Rsp/0.9905401
R^2: 0.9997770
RL-0.08
2/20/08 FJ
Amount/ISTD Amount
Area/ISTD Area
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0 3.2 3.4 3.6 3.8 4.0 4.2 4.4 4.6 4.8 5.0 5.2 5.4 5.6 5.8 6.0 6.2 6.4 6.6 6.8 7.0 7.2
0.0 0.3 0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 3.6 3.9 4.2 4.5 4.8 5.1 5.4 5.7 6.0 6.3


61 Toluene
Curve Type: Averaged By-Response
Amt = Rsp/1.54584
%RSD: 39.968
<40%
2/20/08 ft
Amount/ISTD Amount
Area/ISTD Area
0.0 0.3 0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 3.6 3.9 4.2 4.5 4.8 5.1 5.4 5.7 6.0 6.3
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0 3.2 3.4 3.6 3.8 4.0 4.2 4.4 4.6 4.8 5.0 5.2 5.4 5.6 5.8 6.0 6.2 6.4 6.6

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb189.d
Report Date: 20-Feb-2008 13:53

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G021808I.b/gicb189.d
Lab Smp Id: ICAL9 Client Smp ID: STD 0.04
Inj Date : 18-FEB-2008 20:52
Operator : 3386 Inst ID: mg.i
Smp Info : ICAL9,,1,9,,STD 0.04
Misc Info : G021808,TO155,,,,,
Comment :
Method : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Meth Date : 20-Feb-2008 13:53 tajh Quant Type: ISTD
Cal Date : 18-FEB-2008 20:52 Cal File: gicb189.d
Als bottle: 23 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	200.00000	Default sample volume

Cpnd Variable Local Compound Variable

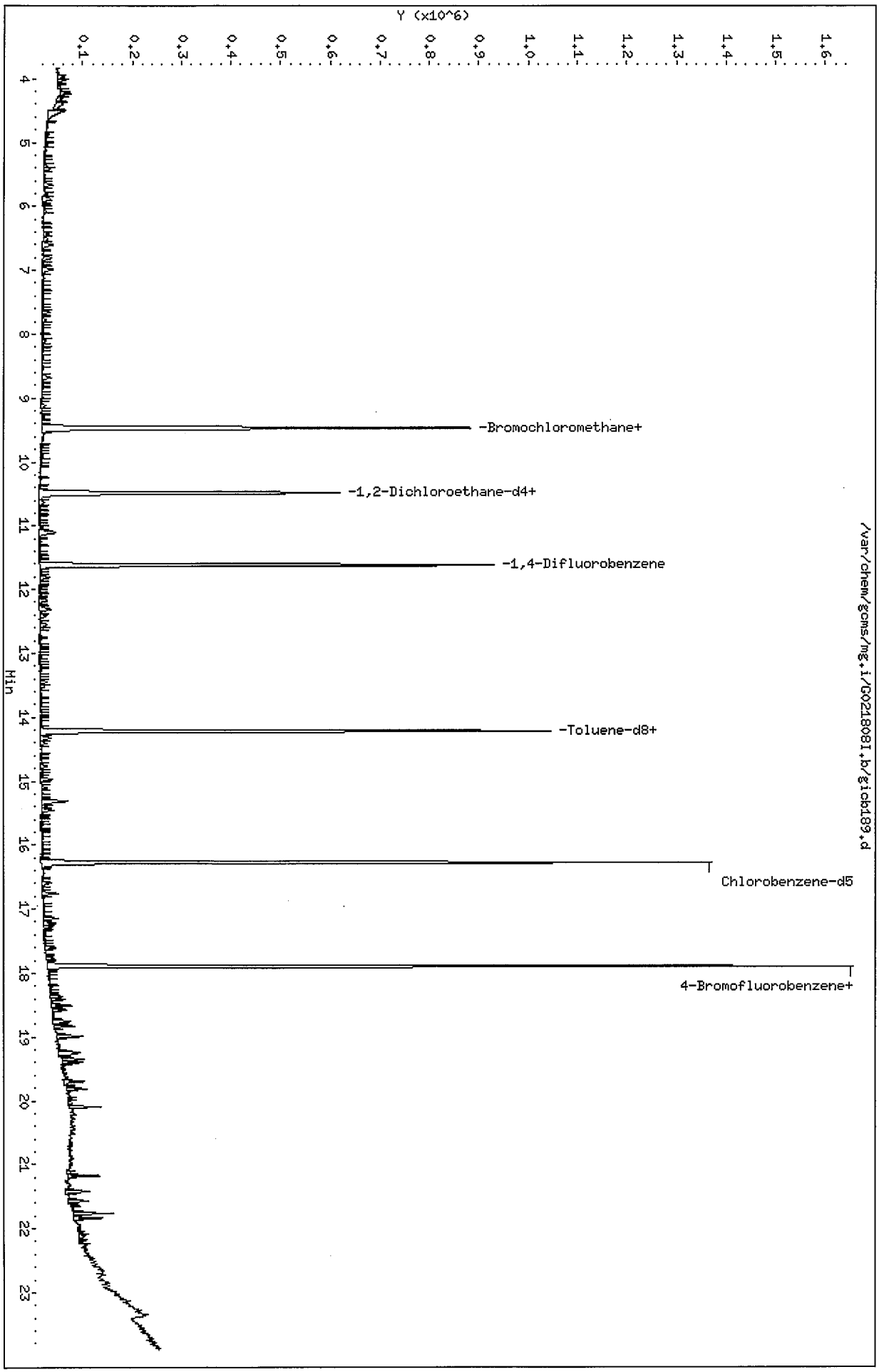
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	9.470	9.464	(1.000)	312888	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.616	11.616	(1.000)	875224	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.275	16.275	(1.000)	805951	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.478	10.483	(0.902)	245797	4.00000	4.100
$	5 Toluene-d8	98	14.215	14.215	(0.873)	733002	4.00000	4.202
$	6 4-Bromofluorobenzene	95	17.893	17.893	(1.099)	596076	4.00000	4.093
	8 Propene	41	3.975	3.969	(0.420)	4858	0.04000	0.06475
	9 Dichlorodifluoromethane	85	4.029	4.023	(0.425)	12869	0.04000	0.04458
	10 Chloromethane	52	4.223	4.228	(0.446)	4016	0.04000	0.1961
	11 1,2-Dichlorotetrafluoroethane	135	4.228	4.228	(0.446)	6424	0.04000	0.05163
	13 Vinyl Chloride	62	4.422	4.417	(0.467)	3641	0.04000	0.04600
	14 n-Butane	43	4.519	4.514	(0.477)	6772	0.04000	0.05790
	15 1,3-Butadiene	54	4.514	4.514	(0.477)	2779	0.04000	0.05318
	16 Bromomethane	94	4.881	4.881	(0.515)	5197	0.04000	0.05562
	17 Chloroethane	64	5.043	5.037	(0.532)	3200	0.04000	0.06036
	18 Vinyl Bromide	106	5.382	5.371	(0.568)	4901	0.04000	0.05074

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb189.d
Report Date: 20-Feb-2008 13:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	ON-COL (ppb(v/v))
19	2-methyl butane	43	5.420	5.420	(0.572)	6610	0.04000	0.05982
20	Trichlorofluoromethane	101	5.663	5.663	(0.598)	15109	0.04000	0.04538
24	Pentane	72	5.900	5.894	(0.623)	1122	0.04000	0.06147
25	Isopropyl Alcohol	45	5.868	5.851	(0.620)	10743	0.04000	0.05767
26	Ethyl Ether	31	6.083	6.067	(0.642)	3319	0.04000	0.04247
27	1,1-Dichloroethene	96	6.434	6.428	(0.679)	4965	0.04000	0.05116
29	tert-butanol	59	6.509	6.482	(0.687)	13155	0.04000	0.05038
30	1,1,2-Trichlorotrifluoroethane	101	6.606	6.601	(0.698)	10493	0.04000	0.05035
31	Methylene Chloride	84	6.806	6.800	(0.719)	7174	0.04000	0.08115
32	3-Chloropropene	39	6.817	6.817	(0.720)	4796	0.04000	0.04347
33	Carbon Disulfide	76	6.978	6.984	(0.737)	14356	0.04000	0.05253
34	trans-1,2-Dichloroethene	96	7.658	7.652	(0.809)	6373	0.04000	0.05688
36	1,1-Dichloroethane	63	8.100	8.095	(0.855)	7446	0.04000	0.03899
38	Hexane	56	8.677	8.677	(0.916)	4592	0.04000	0.05609
40	cis 1,2-Dichloroethene	96	9.119	9.119	(0.963)	5329	0.04000	0.05173
42	Chloroform	83	9.464	9.470	(0.999)	8835	0.04000	0.03886
43	Tetrahydrofuran	42	9.896	9.874	(1.045)	3929	0.04000	0.05502
44	1,1,1-Trichloroethane	97	10.516	10.516	(1.110)	10053	0.04000	0.04072
45	1,2-Dichloroethane	62	10.634	10.629	(0.916)	6496	0.04000	0.04704
46	Cyclohexane	69	11.098	11.093	(0.955)	2593	0.04000	0.06865
47	Benzene	78	11.098	11.098	(0.955)	10649	0.04000	0.04710
48	1-Butanol	31	11.017	10.996	(0.948)	2301	0.04000	0.06026
49	Carbon Tetrachloride	117	11.125	11.120	(0.958)	9807	0.04000	0.04868
50	2,2,4-trimethylpentane	57	11.821	11.815	(1.018)	19086	0.04000	0.05278
51	Heptane	43	12.166	12.171	(1.047)	8056	0.04000	0.05572
52	1,2-Dichloropropane	63	12.290	12.284	(1.058)	3573	0.04000	0.05070
53	Trichloroethene	130	12.322	12.317	(1.061)	7334	0.04000	0.05204
54	Dibromomethane	93	12.414	12.414	(1.069)	5757	0.04000	0.05452
55	Bromodichloromethane	83	12.543	12.549	(1.080)	8378	0.04000	0.04546
56	1,4-dioxane	88	12.565	12.543	(1.082)	3187	0.04000	0.06801
57	methyl methacrylate	41	12.603	12.608	(1.085)	4457	0.04000	0.06491
58	4-Methyl-2-pentanone	43	13.455	13.444	(1.158)	9338	0.04000	0.05896
59	cis-1,3-Dichloropropene	75	13.525	13.519	(1.164)	5612	0.04000	0.04487
60	trans-1,3-Dichloropropene	75	14.204	14.204	(0.873)	7368	0.04000	0.05178
61	Toluene	91	14.328	14.328	(0.880)	15944	0.04000	0.05119
62	1,1,2-Trichloroethane	97	14.409	14.404	(0.885)	3310	0.04000	0.04018
63	2-Hexanone	58	14.765	14.754	(0.907)	4675	0.04000	0.05440
64	Octane	85	14.970	14.975	(0.920)	4776	0.04000	0.04817
65	Dibromochloromethane	129	15.105	15.105	(0.928)	6856	0.04000	0.03913
66	1,2-Dibromoethane	107	15.390	15.396	(0.946)	6137	0.04000	0.04093
67	Tetrachloroethene	129	15.450	15.455	(0.949)	5574	0.04000	0.04935
68	Chlorobenzene	112	16.329	16.323	(1.003)	8926	0.04000	0.04087
69	Ethylbenzene	91	16.598	16.598	(1.020)	13228	0.04000	0.04657
70	m&p-Xylene	91	16.755	16.755	(1.029)	21174	0.08000	0.09081
71	Nonane	57	17.143	17.143	(1.053)	7899	0.04000	0.04226
72	Bromoform	173	17.229	17.229	(1.059)	5599	0.04000	0.03446
73	Styrene	104	17.218	17.224	(1.058)	6819	0.04000	0.04322

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb189.d
Report Date: 20-Feb-2008 13:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
74	o-Xylene	91	17.278	17.283	(1.062)	12146	0.04000	0.05060
75	1,1,2,2-Tetrachloroethane	83	17.601	17.607	(1.081)	9268	0.04000	0.04980
76	1,2,3-Trichloropropane	110	17.763	17.763	(1.091)	2836	0.04000	0.04746
77	Cumene	105	17.849	17.855	(1.097)	16454	0.04000	0.04628
78	n-Propylbenzene	120	18.367	18.367	(1.129)	4634	0.04000	0.04770
79	2-chlorotoluene	126	18.416	18.416	(1.132)	4635	0.04000	0.04715
80	4-Ethyltoluene	105	18.502	18.507	(1.137)	18438	0.04000	0.04919
81	1,3,5-Trimethylbenzene	120	18.572	18.577	(1.141)	7633	0.04000	0.05063
82	Alpha-Methylstyrene	118	18.798	18.798	(1.155)	6579	0.04000	0.04646
83	Decane	57	18.831	18.831	(1.157)	11021	0.04000	0.04310
84	tert-butylbenzene	119	18.987	18.987	(1.167)	18560	0.04000	0.05293
85	1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	17452	0.04000	0.05018
86	sec-butylbenzene	105	19.241	19.246	(1.182)	25445	0.04000	0.05105
87	1,3-Dichlorobenzene	146	19.268	19.268	(1.184)	12851	0.04000	0.05010
88	Benzyl Chloride	91	19.338	19.343	(1.188)	13644	0.04000	0.04563
89	1,4-Dichlorobenzene	146	19.354	19.354	(1.189)	12852	0.04000	0.05153
90	p-Cymene	119	19.397	19.397	(1.192)	22804	0.04000	0.05096
91	1,2-Dichlorobenzene	146	19.704	19.704	(1.211)	13753	0.04000	0.05228
92	n-butylbenzene	91	19.818	19.818	(1.218)	21310	0.04000	0.04885
93	Undecane	57	20.098	20.098	(1.235)	17172	0.04000	0.05540
94	Dodecane	57	21.176	21.176	(1.301)	19027	0.04000	0.06153
95	1,2,4-Trichlorobenzene	180	21.419	21.425	(1.316)	14363	0.04000	0.06180
96	Napthalene	128	21.570	21.570	(1.325)	30410	0.04000	0.06062
97	Hexachlorobutadiene	225	21.764	21.764	(1.337)	14037	0.04000	0.05600
98	1.2.3-trichlorobenzene	180	21.840	21.840	(1.342)	14140	0.04000	0.06031


Data File: /var/chem/gcms/mg.i/G0218081.b/gicb189.d
Date : 18-FEB-2008 20:52
Client ID: STD 0.04
Sample Info: ICAL9,1,9,,STD 0.04
Purge Volume: 200.0
Column phase: RTX-5
Instrument: mg.i
Operator: 3386
Column diameter: 0.32
Y (x10^6)
Min
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
Chlorobenzene-d5
4-Bromofluorobenzene+
/var/chem/gcms/mg.i/G0218081.b/gicb189.d

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb181.d
Report Date: 20-Feb-2008 13:53

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G021808I.b/gicb181.d
Lab Smp Id: ICAL1 Client Smp ID: STD 0.08
Inj Date : 18-FEB-2008 21:28
Operator : 3386 Inst ID: mg.i
Smp Info : ICAL1,,1,1,,STD 0.08
Misc Info : G021808,TO155,1-all.sub,,,,
Comment :
Method : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Meth Date : 20-Feb-2008 13:53 tajh Quant Type: ISTD
Cal Date : 18-FEB-2008 21:28 Cal File: gicb181.d
Als bottle: 24 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	200.00000	Default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	9.469	9.464	(1.000)	237778	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.616	11.616	(1.000)	966277	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.275	16.275	(1.000)	776673	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.483	10.483	(0.902)	259835	4.00000	3.913
$	5 Toluene-d8	98	14.215	14.215	(0.873)	636147	4.00000	3.791
$	6 4-Bromofluorobenzene	95	17.892	17.893	(1.099)	517778	4.00000	3.792
	7 Chlorodifluoromethane	67	3.953	3.953	(0.417)	2867	0.08000	0.08000
	8 Propene	41	3.969	3.969	(0.419)	6987	0.08000	0.08000
	9 Dichlorodifluoromethane	85	4.029	4.023	(0.425)	21339	0.08000	0.08000
	11 1,2-Dichlorotetrafluoroethane	135	4.233	4.228	(0.447)	9342	0.08000	0.07824
	13 Vinyl Chloride	62	4.422	4.417	(0.467)	6524	0.08000	0.08657
	14 n-Butane	43	4.514	4.514	(0.477)	9160	0.08000	0.06403
	15 1,3-Butadiene	54	4.508	4.514	(0.476)	5697	0.08000	0.08000
	16 Bromomethane	94	4.886	4.881	(0.516)	7666	0.08000	0.08000
	17 Chloroethane	64	5.032	5.037	(0.531)	4339	0.08000	0.08000
	18 Vinyl Bromide	106	5.377	5.371	(0.568)	7429	0.08000	0.08000

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb181.d
Report Date: 20-Feb-2008 13:53

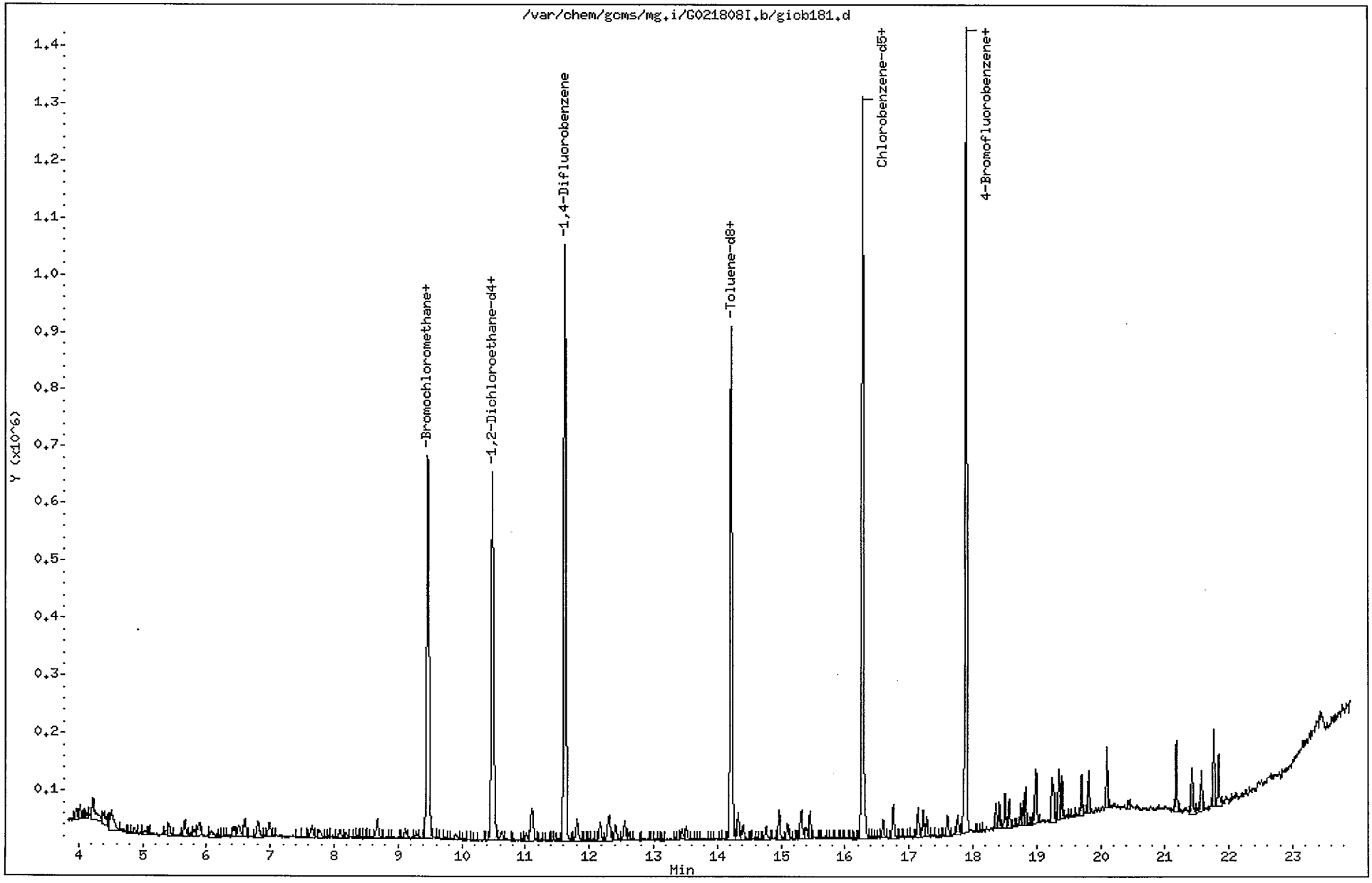
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
20 Trichlorofluoromethane	101	5.657	5.663	(0.597)	25470	0.08000	0.08413
26 Ethyl Ether	31	6.072	6.067	(0.641)	3251	0.08000	0.06270
27 1,1-Dichloroethene	96	6.428	6.428	(0.679)	8275	0.08000	0.07215
30 1,1,2-Trichlorotrifluoroethane	101	6.606	6.601	(0.698)	15063	0.08000	0.07772
31 Methylene Chloride	84	6.811	6.800	(0.719)	9642	0.08000	0.07509
32 3-Chloropropene	39	6.822	6.817	(0.720)	8733	0.08000	0.08000
34 trans-1,2-Dichloroethene	96	7.658	7.652	(0.809)	8960	0.08000	0.08000
36 1,1-Dichloroethane	63	8.094	8.095	(0.855)	15127	0.08000	0.09153
37 Vinyl Acetate	43	8.197	8.186	(0.866)	12495	0.08000	0.09113
39 2-Butanone	72	8.677	8.655	(0.916)	2958	0.08000	0.08000
40 cis 1,2-Dichloroethene	96	9.119	9.119	(0.963)	8824	0.08000	0.08000
42 Chloroform	83	9.464	9.470	(0.999)	18141	0.08000	0.09194
44 1,1,1-Trichloroethane	97	10.521	10.516	(1.111)	18344	0.08000	0.08729
45 1,2-Dichloroethane	62	10.629	10.629	(0.915)	14812	0.08000	0.08000
46 Cyclohexane	69	11.087	11.093	(0.954)	3721	0.08000	0.08000
47 Benzene	78	11.093	11.098	(0.955)	23359	0.08000	0.07974
49 Carbon Tetrachloride	117	11.125	11.120	(0.958)	18216	0.08000	0.07310
50 2,2,4-trimethylpentane	57	11.810	11.815	(1.017)	36616	0.08000	0.08000
51 Heptane	43	12.171	12.171	(1.048)	15166	0.08000	0.08000
52 1,2-Dichloropropane	63	12.290	12.284	(1.058)	7434	0.08000	0.08000
53 Trichloroethene	130	12.322	12.317	(1.061)	13698	0.08000	0.07332
54 Dibromomethane	93	12.408	12.414	(1.068)	11234	0.08000	0.08000
55 Bromodichloromethane	83	12.549	12.549	(1.080)	18001	0.08000	0.07891
59 cis-1,3-Dichloropropene	75	13.519	13.519	(1.164)	14293	0.08000	0.08000
60 trans-1,3-Dichloropropene	75	14.204	14.204	(0.873)	13538	0.08000	0.08000
61 Toluene	91	14.323	14.328	(0.880)	34455	0.08000	0.08000
62 1,1,2-Trichloroethane	97	14.409	14.404	(0.885)	7930	0.08000	0.08000
64 Octane	85	14.970	14.975	(0.920)	9864	0.08000	0.08000
65 Dibromochloromethane	129	15.104	15.105	(0.928)	15594	0.08000	0.08661
66 1,2-Dibromoethane	107	15.401	15.396	(0.946)	14627	0.08000	0.08000
67 Tetrachloroethene	129	15.450	15.455	(0.949)	10856	0.08000	0.08000
68 Chlorobenzene	112	16.323	16.323	(1.003)	21235	0.08000	0.08000
69 Ethylbenzene	91	16.604	16.598	(1.020)	24693	0.08000	0.08000
70 m&p-Xylene	91	16.755	16.755	(1.029)	40532	0.16000	0.1592
71 Nonane	57	17.143	17.143	(1.053)	14601	0.08000	0.08000
72 Bromoform	173	17.224	17.229	(1.058)	12747	0.08000	0.08000
73 Styrene	104	17.218	17.224	(1.058)	11929	0.08000	0.07613
74 o-Xylene	91	17.283	17.283	(1.062)	19495	0.08000	0.08000
75 1,1,2,2-Tetrachloroethane	83	17.601	17.607	(1.081)	16164	0.08000	0.08000
76 1,2,3-Trichloropropane	110	17.763	17.763	(1.091)	5423	0.08000	0.08000
77 Cumene	105	17.849	17.855	(1.097)	30246	0.08000	0.08000
78 n-Propylbenzene	120	18.367	18.367	(1.129)	8256	0.08000	0.08000
79 2-chlorotoluene	126	18.415	18.416	(1.132)	8340	0.08000	0.08000
80 4-Ethyltoluene	105	18.502	18.507	(1.137)	32350	0.08000	0.08000
81 1,3,5-Trimethylbenzene	120	18.572	18.577	(1.141)	13556	0.08000	0.08000
83 Decane	57	18.831	18.831	(1.157)	20023	0.08000	0.08000
85 1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	31041	0.08000	0.08000

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb181.d
Report Date: 20-Feb-2008 13:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	ON-COL (ppb(v/v))
86 sec-butylbenzene	105	19.246	19.246	(1.183)	42444	0.08000	0.08000
87 1,3-Dichlorobenzene	146	19.267	19.268	(1.184)	22193	0.08000	0.08000
89 1,4-Dichlorobenzene	146	19.354	19.354	(1.189)	22463	0.08000	0.08000
90 p-Cymene	119	19.397	19.397	(1.192)	38229	0.08000	0.08000
91 1,2-Dichlorobenzene	146	19.704	19.704	(1.211)	24383	0.08000	0.08000
92 n-butylbenzene	91	19.817	19.818	(1.218)	37941	0.08000	0.08000
95 1,2,4-Trichlorobenzene	180	21.424	21.425	(1.316)	24540	0.08000	0.08000
96 Napthalene	128	21.570	21.570	(1.325)	53004	0.08000	0.08000
97 Hexachlorobutadiene	225	21.764	21.764	(1.337)	24692	0.08000	0.08000
98 1.2.3-trichlorobenzene	180	21.840	21.840	(1.342)	23275	0.08000	0.08000

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb181.d
Date : 18-FEB-2008 21:28
Client ID: STD 0.08
Sample Info: ICAL1,,1,1,,STD 0.08
Purge Volume: 200.0
Column phase: RTX-5

Instrument: mg.i
Operator: 3386
Column diameter: 0.32



Data File: /var/chem/gcms/mg.i/G021808I.b/gicb182.d
Report Date: 20-Feb-2008 13:53

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G021808I.b/gicb182.d
Lab Smp Id: ICAL2 Client Smp ID: STD 0.16
Inj Date : 18-FEB-2008 22:04
Operator : 3386 Inst ID: mg.i
Smp Info : ICAL2,,1,2,,STD 0.16
Misc Info : G021808,TO155,1-all.sub,,,,
Comment :
Method : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Meth Date : 20-Feb-2008 13:53 tajh Quant Type: ISTD
Cal Date : 18-FEB-2008 22:04 Cal File: gicb182.d
Als bottle: 25 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	200.00000	Default sample volume

Cpnd Variable Local Compound Variable

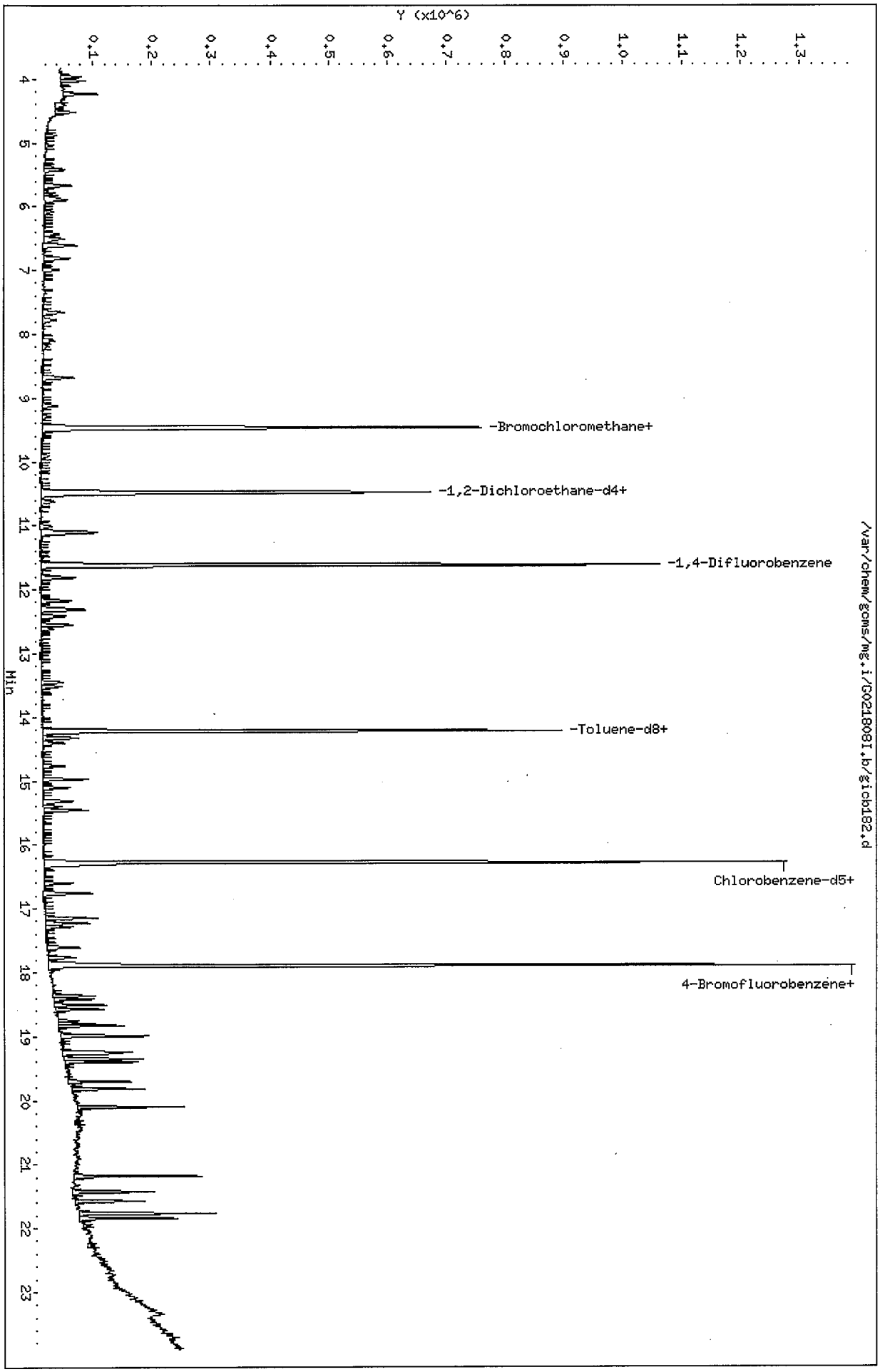
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	9.470	9.464	(1.000)	258763	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.616	11.616	(1.000)	987623	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.275	16.275	(1.000)	753095	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.483	10.483	(0.902)	266380	4.00000	3.938
$	5 Toluene-d8	98	14.215	14.215	(0.873)	607296	4.00000	3.725
$	6 4-Bromofluorobenzene	95	17.892	17.893	(1.099)	499421	4.00000	3.670
	7 Chlorodifluoromethane	67	3.964	3.953	(0.419)	4782	0.16000	0.1757
	8 Propene	41	3.969	3.969	(0.419)	10467	0.16000	0.1568
	9 Dichlorodifluoromethane	85	4.029	4.023	(0.425)	40099	0.16000	0.1680
	10 Chloromethane	52	4.239	4.228	(0.448)	3406	0.16000	0.2011
	11 1,2-Dichlorotetrafluoroethane	135	4.234	4.228	(0.447)	19873	0.16000	0.1931
	13 Vinyl Chloride	62	4.422	4.417	(0.467)	10258	0.16000	0.1567
	14 n-Butane	43	4.514	4.514	(0.477)	18021	0.16000	0.1644
	15 1,3-Butadiene	54	4.519	4.514	(0.477)	7981	0.16000	0.1631
	16 Bromomethane	94	4.886	4.881	(0.516)	13048	0.16000	0.1688
	17 Chloroethane	64	5.037	5.037	(0.532)	7759	0.16000	0.1770

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb182.d
Report Date: 20-Feb-2008 13:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
18 Vinyl Bromide	106	5.371	5.371	(0.567)	12662	0.16000	0.1585
19 2-methyl butane	43	5.420	5.420	(0.572)	16569	0.16000	0.1813
20 Trichlorofluoromethane	101	5.663	5.663	(0.598)	43689	0.16000	0.1586
21 Acrolein	56	5.679	5.673	(0.600)	2923	0.16000	0.1704
22 Acetonitrile	40	5.760	5.744	(0.608)	5619	0.16000	0.2283
24 Pentane	72	5.894	5.894	(0.622)	2695	0.16000	0.1785
25 Isopropyl Alcohol	45	5.867	5.851	(0.620)	30782	0.16000	0.1998
26 Ethyl Ether	31	6.078	6.067	(0.642)	10088	0.16000	0.1560
27 1,1-Dichloroethene	96	6.428	6.428	(0.679)	13503	0.16000	0.1682
28 Acrylonitrile	53	6.541	6.536	(0.691)	5984	0.16000	0.1533
29 tert-butanol	59	6.504	6.482	(0.687)	40312	0.16000	0.1866
30 1,1,2-Trichlorotrifluoroethane	101	6.606	6.601	(0.698)	28175	0.16000	0.1634
31 Methylene Chloride	84	6.806	6.800	(0.719)	15705	0.16000	0.2148
32 3-Chloropropene	39	6.816	6.817	(0.720)	13551	0.16000	0.1485
33 Carbon Disulfide	76	6.989	6.984	(0.738)	37736	0.16000	0.1670
34 trans-1,2-Dichloroethene	96	7.652	7.652	(0.808)	16535	0.16000	0.1785
35 Methyl-t-Butyl Ether	73	7.782	7.760	(0.822)	25813	0.16000	0.1617
36 1,1-Dichloroethane	63	8.100	8.095	(0.855)	24718	0.16000	0.1565
37 Vinyl Acetate	43	8.186	8.186	(0.864)	17233	0.16000	0.1412
38 Hexane	56	8.677	8.677	(0.916)	12342	0.16000	0.1823
39 2-Butanone	72	8.677	8.655	(0.916)	5083	0.16000	0.1848
40 cis 1,2-Dichloroethene	96	9.119	9.119	(0.963)	14252	0.16000	0.1673
41 Ethyl acetate	43	9.297	9.286	(0.982)	19981	0.16000	0.1816
42 Chloroform	83	9.475	9.470	(1.001)	30135	0.16000	0.1603
43 Tetrahydrofuran	42	9.906	9.874	(1.046)	10234	0.16000	0.1733
44 1,1,1-Trichloroethane	97	10.510	10.516	(1.110)	32615	0.16000	0.1598
45 1,2-Dichloroethane	62	10.629	10.629	(0.915)	23676	0.16000	0.1519
46 Cyclohexane	69	11.087	11.093	(0.954)	7370	0.16000	0.1729
47 Benzene	78	11.093	11.098	(0.955)	39344	0.16000	0.1542
48 1-Butanol	31	11.017	10.996	(0.948)	7226	0.16000	0.1677
49 Carbon Tetrachloride	117	11.120	11.120	(0.957)	33817	0.16000	0.1487
50 2,2,4-trimethylpentane	57	11.815	11.815	(1.017)	60396	0.16000	0.1480
51 Heptane	43	12.171	12.171	(1.048)	24631	0.16000	0.1510
52 1,2-Dichloropropane	63	12.290	12.284	(1.058)	12219	0.16000	0.1536
53 Trichloroethene	130	12.317	12.317	(1.060)	24422	0.16000	0.1536
54 Dibromomethane	93	12.414	12.414	(1.069)	18888	0.16000	0.1585
55 Bromodichloromethane	83	12.543	12.549	(1.080)	29756	0.16000	0.1431
56 1,4-dioxane	88	12.559	12.543	(1.081)	9739	0.16000	0.1842
57 methyl methacrylate	41	12.608	12.608	(1.085)	11070	0.16000	0.1428
58 4-Methyl-2-pentanone	43	13.449	13.444	(1.158)	29083	0.16000	0.1627
59 cis-1,3-Dichloropropene	75	13.525	13.519	(1.164)	21649	0.16000	0.1534
60 trans-1,3-Dichloropropene	75	14.204	14.204	(0.873)	20841	0.16000	0.1567
61 Toluene	91	14.323	14.328	(0.880)	49160	0.16000	0.1689
62 1,1,2-Trichloroethane	97	14.404	14.404	(0.885)	12222	0.16000	0.1588
63 2-Hexanone	58	14.759	14.754	(0.907)	13200	0.16000	0.1644
64 Octane	85	14.970	14.975	(0.920)	14719	0.16000	0.1588
65 Dibromochloromethane	129	15.105	15.105	(0.928)	24929	0.16000	0.1523

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb182.d
Report Date: 20-Feb-2008 13:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	ON-COL (ppb(v/v))
66	1,2-Dibromoethane	107	15.401	15.396	(0.946)	22491	0.16000	0.1605
67	Tetrachloroethene	129	15.455	15.455	(0.950)	18217	0.16000	0.1726
68	Chlorobenzene	112	16.323	16.323	(1.003)	32557	0.16000	0.1595
69	Ethylbenzene	91	16.598	16.598	(1.020)	35617	0.16000	0.1342
70	m&p-Xylene	91	16.755	16.755	(1.029)	56421	0.32000	0.2588
71	Nonane	57	17.143	17.143	(1.053)	26500	0.16000	0.1517
72	Bromoform	173	17.224	17.229	(1.058)	20482	0.16000	0.1349
73	Styrene	104	17.224	17.224	(1.058)	18478	0.16000	0.1253
74	o-Xylene	91	17.283	17.283	(1.062)	30910	0.16000	0.1378
75	1,1,2,2-Tetrachloroethane	83	17.607	17.607	(1.082)	26180	0.16000	0.1505
76	1,2,3-Trichloropropane	110	17.763	17.763	(1.091)	8052	0.16000	0.1442
77	Cumene	105	17.855	17.855	(1.097)	46112	0.16000	0.1388
78	n-Propylbenzene	120	18.367	18.367	(1.129)	13160	0.16000	0.1450
79	2-chlorotoluene	126	18.415	18.416	(1.132)	12955	0.16000	0.1410
80	4-Ethyltoluene	105	18.507	18.507	(1.137)	49161	0.16000	0.1404
81	1,3,5-Trimethylbenzene	120	18.572	18.577	(1.141)	21277	0.16000	0.1510
82	Alpha-Methylstyrene	118	18.798	18.798	(1.155)	17634	0.16000	0.1333
83	Decane	57	18.825	18.831	(1.157)	32989	0.16000	0.1381
84	tert-butylbenzene	119	18.987	18.987	(1.167)	51096	0.16000	0.1560
85	1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	48528	0.16000	0.1493
86	sec-butylbenzene	105	19.241	19.246	(1.182)	69491	0.16000	0.1492
87	1,3-Dichlorobenzene	146	19.273	19.268	(1.184)	35745	0.16000	0.1491
88	Benzyl Chloride	91	19.343	19.343	(1.189)	38656	0.16000	0.1384
89	1,4-Dichlorobenzene	146	19.354	19.354	(1.189)	34316	0.16000	0.1472
90	p-Cymene	119	19.397	19.397	(1.192)	65527	0.16000	0.1567
91	1,2-Dichlorobenzene	146	19.704	19.704	(1.211)	38264	0.16000	0.1557
92	n-butylbenzene	91	19.817	19.818	(1.218)	65290	0.16000	0.1602
93	Undecane	57	20.098	20.098	(1.235)	52166	0.16000	0.1801
94	Dodecane	57	21.176	21.176	(1.301)	63740	0.16000	0.2206
95	1,2,4-Trichlorobenzene	180	21.424	21.425	(1.316)	42878	0.16000	0.1974
96	Napthalene	128	21.575	21.570	(1.326)	93610	0.16000	0.1997
97	Hexachlorobutadiene	225	21.764	21.764	(1.337)	41855	0.16000	0.1787
98	1.2.3-trichlorobenzene	180	21.840	21.840	(1.342)	42902	0.16000	0.2134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Client ID: STD 0.16
Sample Info: ICAL2,1,2,,STD 0.16
Purge Volume: 200.0
Column phase: RTX-5
Instrument: mg.i
Operator: 3386
Column diameter: 0.32
Y (x10^6)
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1.2
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0.1
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23
Min
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-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
Chlorobenzene-d5+
4-Bromofluorobenzene+

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb183.d
Report Date: 20-Feb-2008 13:53

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G021808I.b/gicb183.d
Lab Smp Id: ICAL3 Client Smp ID: STD 0.32
Inj Date : 18-FEB-2008 22:41
Operator : 3386 Inst ID: mg.i
Smp Info : ICAL3,,1,3,,STD 0.32
Misc Info : G021808,TO155,1-all.sub,,,,
Comment :
Method : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Meth Date : 20-Feb-2008 13:53 tajh Quant Type: ISTD
Cal Date : 18-FEB-2008 22:41 Cal File: gicb183.d
Als bottle: 26 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	200.00000	Default sample volume

Cpnd Variable Local Compound Variable

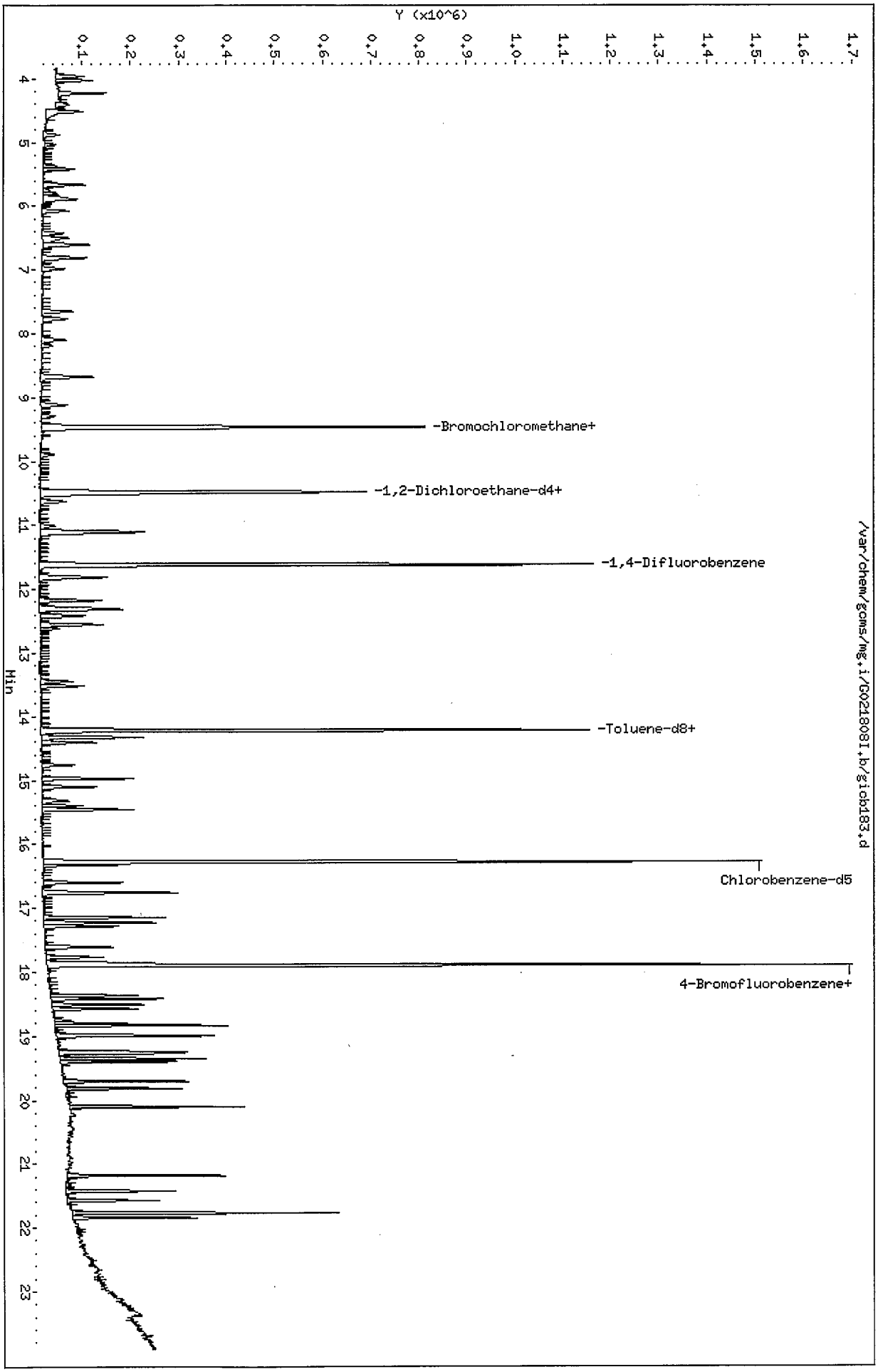
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	9.470	9.464	(1.000)	257334	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.616	11.616	(1.000)	1055682	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.275	16.275	(1.000)	895611	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.478	10.483	(0.902)	274857	4.00000	3.801
$	5 Toluene-d8	98	14.215	14.215	(0.873)	772904	4.00000	3.987
$	6 4-Bromofluorobenzene	95	17.892	17.893	(1.099)	603378	4.00000	3.728
	7 Chlorodifluoromethane	67	3.959	3.953	(0.418)	7991	0.32000	0.2952
	8 Propene	41	3.975	3.969	(0.420)	17970	0.32000	0.2912
	9 Dichlorodifluoromethane	85	4.023	4.023	(0.425)	73356	0.32000	0.3090
	10 Chloromethane	52	4.228	4.228	(0.446)	5707	0.32000	0.3388
	11 1,2-Dichlorotetrafluoroethane	135	4.228	4.228	(0.446)	30916	0.32000	0.3021
	13 Vinyl Chloride	62	4.422	4.417	(0.467)	19050	0.32000	0.2926
	14 n-Butane	43	4.514	4.514	(0.477)	28784	0.32000	0.2972
	15 1,3-Butadiene	54	4.514	4.514	(0.477)	14504	0.32000	0.3357
	16 Bromomethane	94	4.881	4.881	(0.515)	24080	0.32000	0.3132
	17 Chloroethane	64	5.042	5.037	(0.532)	14290	0.32000	0.3277

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb183.d
Report Date: 20-Feb-2008 13:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
18	Vinyl Bromide	106	5.377	5.371	(0.568)	23668	0.32000	0.2979
19	2-methyl butane	43	5.420	5.420	(0.572)	29457	0.32000	0.3248
20	Trichlorofluoromethane	101	5.663	5.663	(0.598)	82886	0.32000	0.3026
21	Acrolein	56	5.679	5.673	(0.600)	6905	0.32000	0.3995
22	Acetonitrile	40	5.760	5.744	(0.608)	11156	0.32000	0.4199
23	Acetone	58	5.803	5.792	(0.613)	12397	0.32000	0.4252
24	Pentane	72	5.900	5.894	(0.623)	5144	0.32000	0.3425
25	Isopropyl Alcohol	45	5.857	5.851	(0.618)	49621	0.32000	0.3234
26	Ethyl Ether	31	6.072	6.067	(0.641)	33560	0.32000	0.5220
27	1,1-Dichloroethene	96	6.428	6.428	(0.679)	21693	0.32000	0.2717
28	Acrylonitrile	53	6.542	6.536	(0.691)	16476	0.32000	0.4245
29	tert-butanol	59	6.498	6.482	(0.686)	65717	0.32000	0.3034
30	1,1,2-Trichlorotrifluoroethane	101	6.612	6.601	(0.698)	52413	0.32000	0.3058
31	Methylene Chloride	84	6.806	6.800	(0.719)	27989	0.32000	0.3849
32	3-Chloropropene	39	6.817	6.817	(0.720)	31934	0.32000	0.3536
33	Carbon Disulfide	76	6.984	6.984	(0.737)	69913	0.32000	0.3109
34	trans-1,2-Dichloroethene	96	7.652	7.652	(0.808)	31469	0.32000	0.3415
35	Methyl-t-Butyl Ether	73	7.776	7.760	(0.821)	66494	0.32000	0.4223
36	1,1-Dichloroethane	63	8.100	8.095	(0.855)	60117	0.32000	0.3827
37	Vinyl Acetate	43	8.192	8.186	(0.865)	42123	0.32000	0.3500
38	Hexane	56	8.677	8.677	(0.916)	25110	0.32000	0.3729
39	2-Butanone	72	8.672	8.655	(0.916)	8918	0.32000	0.3604
40	cis 1,2-Dichloroethene	96	9.119	9.119	(0.963)	30302	0.32000	0.3576
41	Ethyl acetate	43	9.292	9.286	(0.981)	39885	0.32000	0.3626
42	Chloroform	83	9.470	9.470	(1.000)	72355	0.32000	0.3869
43	Tetrahydrofuran	42	9.896	9.874	(1.045)	23406	0.32000	0.3995
44	1,1,1-Trichloroethane	97	10.516	10.516	(1.110)	75454	0.32000	0.3716
45	1,2-Dichloroethane	62	10.629	10.629	(0.915)	59443	0.32000	0.3568
46	Cyclohexane	69	11.104	11.093	(0.956)	12941	0.32000	0.2840
47	Benzene	78	11.098	11.098	(0.955)	92634	0.32000	0.3396
48	1-Butanol	31	11.006	10.996	(0.948)	11033	0.32000	0.2407
49	Carbon Tetrachloride	117	11.120	11.120	(0.957)	74307	0.32000	0.3058
50	2,2,4-trimethylpentane	57	11.815	11.815	(1.017)	144691	0.32000	0.3317
51	Heptane	43	12.171	12.171	(1.048)	56606	0.32000	0.3246
52	1,2-Dichloropropane	63	12.284	12.284	(1.058)	34704	0.32000	0.4080
53	Trichloroethene	130	12.317	12.317	(1.060)	55133	0.32000	0.3243
54	Dibromomethane	93	12.414	12.414	(1.069)	44269	0.32000	0.3475
55	Bromodichloromethane	83	12.543	12.549	(1.080)	77170	0.32000	0.3471
56	1,4-dioxane	88	12.559	12.543	(1.081)	17386	0.32000	0.3076
57	methyl methacrylate	41	12.613	12.608	(1.086)	23848	0.32000	0.2879
58	4-Methyl-2-pentanone	43	13.449	13.444	(1.158)	51843	0.32000	0.2714
59	cis-1,3-Dichloropropene	75	13.519	13.519	(1.164)	55281	0.32000	0.3664
60	trans-1,3-Dichloropropene	75	14.204	14.204	(0.873)	59984	0.32000	0.3793
61	Toluene	91	14.328	14.328	(0.880)	167945	0.32000	0.4852
62	1,1,2-Trichloroethane	97	14.404	14.404	(0.885)	38297	0.32000	0.4183
63	2-Hexanone	58	14.760	14.754	(0.907)	24145	0.32000	0.2528
64	Octane	85	14.975	14.975	(0.920)	38424	0.32000	0.3487

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb183.d
Report Date: 20-Feb-2008 13:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
65 Dibromochloromethane	129	15.105	15.105	(0.928)	66584	0.32000	0.3420
66 1,2-Dibromoethane	107	15.396	15.396	(0.946)	65188	0.32000	0.3912
67 Tetrachloroethene	129	15.455	15.455	(0.950)	43013	0.32000	0.3426
68 Chlorobenzene	112	16.323	16.323	(1.003)	91013	0.32000	0.3750
69 Ethylbenzene	91	16.598	16.598	(1.020)	127905	0.32000	0.4052
70 m&p-Xylene	91	16.755	16.755	(1.029)	197735	0.64000	0.7634
71 Nonane	57	17.143	17.143	(1.053)	73096	0.32000	0.3518
72 Bromoform	173	17.229	17.229	(1.059)	59477	0.32000	0.3293
73 Styrene	104	17.224	17.224	(1.058)	62537	0.32000	0.3566
74 o-Xylene	91	17.278	17.283	(1.062)	103421	0.32000	0.3877
75 1,1,2,2-Tetrachloroethane	83	17.607	17.607	(1.082)	68007	0.32000	0.3288
76 1,2,3-Trichloropropane	110	17.763	17.763	(1.091)	20187	0.32000	0.3040
77 Cumene	105	17.849	17.855	(1.097)	138036	0.32000	0.3493
78 n-Propylbenzene	120	18.367	18.367	(1.129)	33534	0.32000	0.3106
79 2-chlorotoluene	126	18.416	18.416	(1.132)	40978	0.32000	0.3753
80 4-Ethyltoluene	105	18.507	18.507	(1.137)	115471	0.32000	0.2772
81 1,3,5-Trimethylbenzene	120	18.572	18.577	(1.141)	46484	0.32000	0.2774
82 Alpha-Methylstyrene	118	18.798	18.798	(1.155)	42914	0.32000	0.2727
83 Decane	57	18.831	18.831	(1.157)	103659	0.32000	0.3648
84 tert-butylbenzene	119	18.987	18.987	(1.167)	114437	0.32000	0.2937
85 1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	101302	0.32000	0.2621
86 sec-butylbenzene	105	19.246	19.246	(1.183)	160078	0.32000	0.2890
87 1,3-Dichlorobenzene	146	19.268	19.268	(1.184)	96006	0.32000	0.3367
88 Benzyl Chloride	91	19.338	19.343	(1.188)	77040	0.32000	0.2318
89 1,4-Dichlorobenzene	146	19.354	19.354	(1.189)	85912	0.32000	0.3100
90 p-Cymene	119	19.397	19.397	(1.192)	127845	0.32000	0.2571
91 1,2-Dichlorobenzene	146	19.704	19.704	(1.211)	96908	0.32000	0.3315
92 n-butylbenzene	91	19.818	19.818	(1.218)	119947	0.32000	0.2474
93 Undecane	57	20.098	20.098	(1.235)	98983	0.32000	0.2874
94 Dodecane	57	21.176	21.176	(1.301)	95188	0.32000	0.2770
95 1,2,4-Trichlorobenzene	180	21.424	21.425	(1.316)	68511	0.32000	0.2653
96 Napthalene	128	21.570	21.570	(1.325)	145990	0.32000	0.2616
97 Hexachlorobutadiene	225	21.764	21.764	(1.337)	101404	0.32000	0.3641
98 1.2.3-trichlorobenzene	180	21.840	21.840	(1.342)	66191	0.32000	0.2540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Instrument: mg.i
Operator: 3386
Column diameter: 0.32
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-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
Chlorobenzene-d5
4-Bromofluorobenzene+
/var/chem/gcms/mg.i/G0218081.b/gicb183.d

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb184.d
Report Date: 20-Feb-2008 13:54

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G021808I.b/gicb184.d
Lab Smp Id: ICAL4 Client Smp ID: STD 2.0
Inj Date : 18-FEB-2008 23:52
Operator : 3386 Inst ID: mg.i
Smp Info : ICAL4,,1,4,,STD 2.0
Misc Info : G021808,TO155,1-all.sub,,,,
Comment :
Method : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Meth Date : 20-Feb-2008 13:53 tajh Quant Type: ISTD
Cal Date : 18-FEB-2008 23:52 Cal File: gicb184.d
Als bottle: 27 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	200.00000	Default sample volume

Cpnd Variable Local Compound Variable

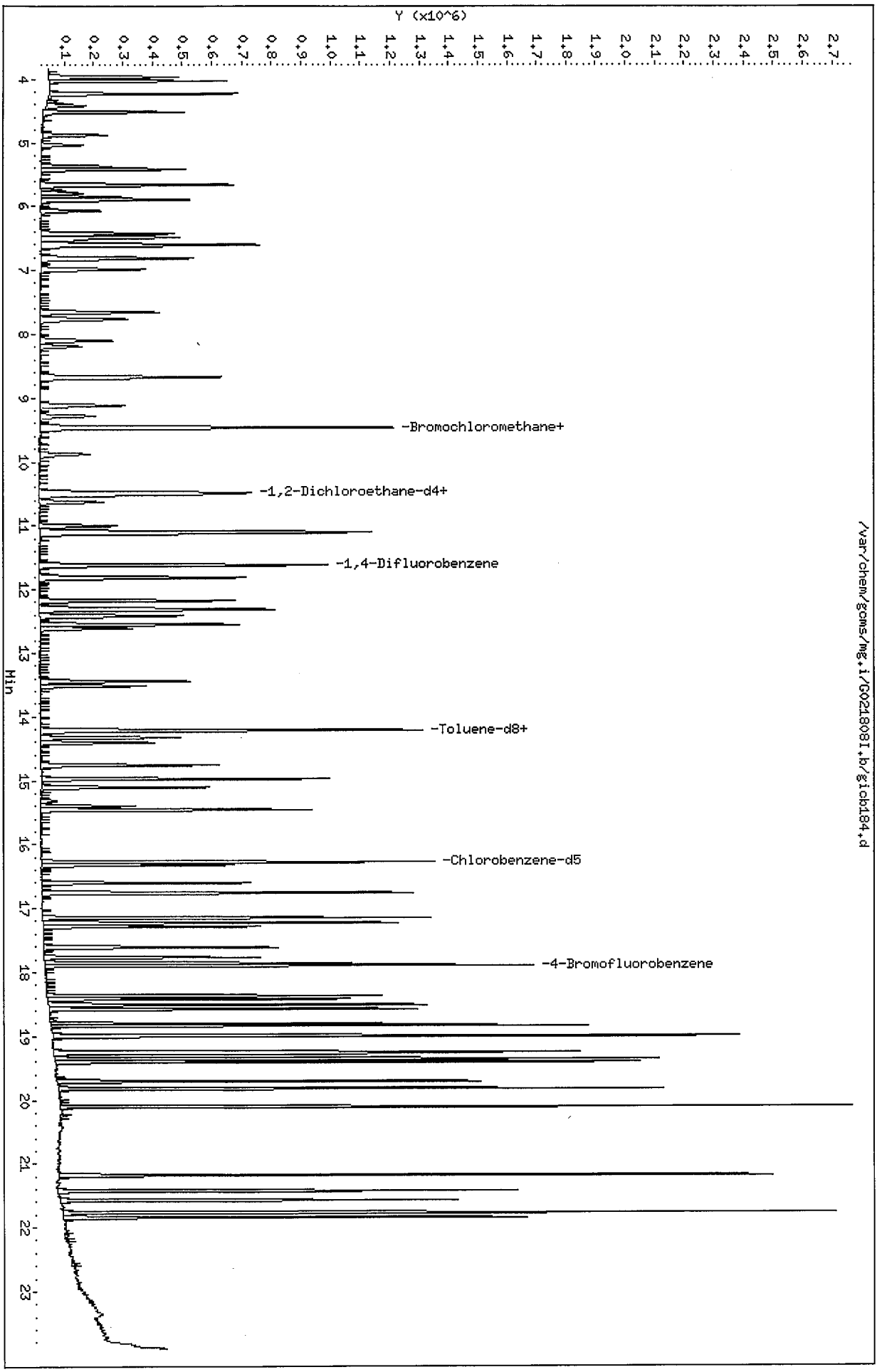
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	9.470	9.464	(1.000)	306770	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.616	11.616	(1.000)	902964	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.275	16.275	(1.000)	795238	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.478	10.483	(0.902)	254798	4.00000	4.144
$	5 Toluene-d8	98	14.215	14.215	(0.873)	723154	4.00000	4.222
$	6 4-Bromofluorobenzene	95	17.892	17.893	(1.099)	602727	4.00000	4.330
	7 Chlorodifluoromethane	67	3.959	3.953	(0.418)	59820	2.00000	1.693
	8 Propene	41	3.969	3.969	(0.419)	138846	2.00000	1.701
	9 Dichlorodifluoromethane	85	4.023	4.023	(0.425)	580425	2.00000	1.928
	10 Chloromethane	52	4.228	4.228	(0.446)	37460	2.00000	1.724
	11 1,2-Dichlorotetrafluoroethane	135	4.228	4.228	(0.446)	208453	2.00000	1.545
	13 Vinyl Chloride	62	4.417	4.417	(0.466)	140464	2.00000	1.733
	14 n-Butane	43	4.514	4.514	(0.477)	207765	2.00000	1.493
	15 1,3-Butadiene	54	4.519	4.514	(0.477)	100187	2.00000	1.580
	16 Bromomethane	94	4.881	4.881	(0.515)	176911	2.00000	1.777
	17 Chloroethane	64	5.037	5.037	(0.532)	97445	2.00000	1.704

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb184.d
Report Date: 20-Feb-2008 13:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	ON-COL (ppb(v/v))
18	Vinyl Bromide	106	5.377	5.371	(0.568)	208772	2.00000	2.059
19	2-methyl butane	43	5.420	5.420	(0.572)	230631	2.00000	1.954
20	Trichlorofluoromethane	101	5.663	5.663	(0.598)	644543	2.00000	1.858
21	Acrolein	56	5.673	5.673	(0.599)	38992	2.00000	1.724
22	Acetonitrile	40	5.749	5.744	(0.607)	50078	2.00000	1.504
23	Acetone	58	5.797	5.792	(0.612)	63305	2.00000	2.000
24	Pentane	72	5.894	5.894	(0.622)	39102	2.00000	2.000
25	Isopropyl Alcohol	45	5.851	5.851	(0.618)	374196	2.00000	1.876
26	Ethyl Ether	31	6.072	6.067	(0.641)	131472	2.00000	1.647
27	1,1-Dichloroethene	96	6.428	6.428	(0.679)	205313	2.00000	1.773
28	Acrylonitrile	53	6.536	6.536	(0.690)	84917	2.00000	1.720
29	tert-butanol	59	6.488	6.482	(0.685)	593610	2.00000	2.151
30	1,1,2-Trichlorotrifluoroethane	101	6.606	6.601	(0.698)	398365	2.00000	1.806
31	Methylene Chloride	84	6.800	6.800	(0.718)	156759	2.00000	1.244
32	3-Chloropropene	39	6.816	6.817	(0.720)	198505	2.00000	1.712
33	Carbon Disulfide	76	6.984	6.984	(0.737)	603677	2.00000	2.154
34	trans-1,2-Dichloroethene	96	7.652	7.652	(0.808)	196845	2.00000	1.632
35	Methyl-t-Butyl Ether	73	7.766	7.760	(0.820)	388427	2.00000	1.808
36	1,1-Dichloroethane	63	8.100	8.095	(0.855)	315473	2.00000	1.591
37	Vinyl Acetate	43	8.192	8.186	(0.865)	267462	2.00000	1.732
38	Hexane	56	8.677	8.677	(0.916)	149051	2.00000	1.724
39	2-Butanone	72	8.661	8.655	(0.915)	59588	2.00000	2.137
40	cis 1,2-Dichloroethene	96	9.119	9.119	(0.963)	161861	2.00000	1.466
41	Ethyl acetate	43	9.281	9.286	(0.980)	274738	2.00000	1.930
42	Chloroform	83	9.470	9.470	(1.000)	360374	2.00000	1.525
43	Tetrahydrofuran	42	9.879	9.874	(1.043)	140666	2.00000	2.650
44	1,1,1-Trichloroethane	97	10.516	10.516	(1.110)	404103	2.00000	1.594
45	1,2-Dichloroethane	62	10.629	10.629	(0.915)	253960	2.00000	1.710
46	Cyclohexane	69	11.098	11.093	(0.955)	84327	2.00000	2.078
47	Benzene	78	11.098	11.098	(0.955)	425316	2.00000	1.734
48	1-Butanol	31	10.996	10.996	(0.947)	97325	2.00000	2.448
49	Carbon Tetrachloride	117	11.120	11.120	(0.957)	413771	2.00000	1.944
50	2,2,4-trimethylpentane	57	11.810	11.815	(1.017)	769115	2.00000	1.992
51	Heptane	43	12.171	12.171	(1.048)	303156	2.00000	1.953
52	1,2-Dichloropropane	63	12.290	12.284	(1.058)	116994	2.00000	1.520
53	Trichloroethene	130	12.317	12.317	(1.060)	276264	2.00000	1.784
54	Dibromomethane	93	12.414	12.414	(1.069)	213106	2.00000	1.837
55	Bromodichloromethane	83	12.549	12.549	(1.080)	364989	2.00000	1.852
56	1,4-dioxane	88	12.549	12.543	(1.080)	116676	2.00000	2.181
57	methyl methacrylate	41	12.608	12.608	(1.085)	181982	2.00000	2.504
58	4-Methyl-2-pentanone	43	13.444	13.444	(1.157)	393473	2.00000	2.354
59	cis-1,3-Dichloropropene	75	13.519	13.519	(1.164)	224760	2.00000	1.632
60	trans-1,3-Dichloropropene	75	14.204	14.204	(0.873)	242286	2.00000	1.620
61	Toluene	91	14.328	14.328	(0.880)	387440	1.80000	1.072
62	1,1,2-Trichloroethane	97	14.409	14.404	(0.885)	130834	2.00000	1.479
63	2-Hexanone	58	14.754	14.754	(0.907)	207755	2.00000	2.416
64	Octane	85	14.975	14.975	(0.920)	195658	2.00000	1.829

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb184.d
Report Date: 20-Feb-2008 13:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	ON-COL (ppb(v/v))
65	Dibromochloromethane	129	15.105	15.105	(0.928)	338702	2.00000	1.908
66	1,2-Dibromoethane	107	15.396	15.396	(0.946)	241983	2.00000	1.518
67	Tetrachloroethene	129	15.455	15.455	(0.950)	214934	2.00000	1.769
68	Chlorobenzene	112	16.323	16.323	(1.003)	382267	2.00000	1.644
69	Ethylbenzene	91	16.598	16.598	(1.020)	552562	2.00000	1.869
70	m&p-Xylene	91	16.755	16.755	(1.029)	916815	4.00000	3.782
71	Nonane	57	17.143	17.143	(1.053)	400798	2.00000	2.096
72	Bromoform	173	17.224	17.229	(1.058)	310765	2.00000	2.009
73	Styrene	104	17.224	17.224	(1.058)	322589	2.00000	2.074
74	o-Xylene	91	17.283	17.283	(1.062)	499006	2.00000	2.016
75	1,1,2,2-Tetrachloroethane	83	17.607	17.607	(1.082)	395572	2.00000	2.065
76	1,2,3-Trichloropropane	110	17.763	17.763	(1.091)	126064	2.00000	2.087
77	Cumene	105	17.855	17.855	(1.097)	746681	2.00000	2.063
78	n-Propylbenzene	120	18.367	18.367	(1.129)	211099	2.00000	2.159
79	2-chlorotoluene	126	18.415	18.416	(1.132)	189432	2.00000	1.893
80	4-Ethyltoluene	105	18.507	18.507	(1.137)	845208	2.00000	2.282
81	1,3,5-Trimethylbenzene	120	18.577	18.577	(1.141)	335598	2.00000	2.199
82	Alpha-Methylstyrene	118	18.798	18.798	(1.155)	323434	2.00000	2.443
83	Decane	57	18.831	18.831	(1.157)	530979	2.00000	2.067
84	tert-butylbenzene	119	18.987	18.987	(1.167)	803441	2.00000	2.281
85	1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	787508	2.00000	2.262
86	sec-butylbenzene	105	19.246	19.246	(1.183)	1117712	2.00000	2.223
87	1,3-Dichlorobenzene	146	19.267	19.268	(1.184)	519592	2.00000	1.988
88	Benzyl Chloride	91	19.343	19.343	(1.189)	748770	2.00000	2.664
89	1,4-Dichlorobenzene	146	19.354	19.354	(1.189)	512082	2.00000	2.031
90	p-Cymene	119	19.397	19.397	(1.192)	1061395	2.00000	2.349
91	1,2-Dichlorobenzene	146	19.704	19.704	(1.211)	542016	2.00000	1.963
92	n-butylbenzene	91	19.817	19.818	(1.218)	1046009	2.00000	2.361
93	Undecane	57	20.098	20.098	(1.235)	743252	2.00000	2.251
94	Dodecane	57	21.176	21.176	(1.301)	708341	2.00000	2.045
95	1,2,4-Trichlorobenzene	180	21.424	21.425	(1.316)	483012	2.00000	1.878
96	Napthalene	128	21.575	21.570	(1.326)	1051258	2.00000	1.891
97	Hexachlorobutadiene	225	21.764	21.764	(1.337)	480367	2.00000	1.725
98	1.2.3-trichlorobenzene	180	21.840	21.840	(1.342)	421027	2.00000	1.727


Data File: /var/chem/gcms/mg.i/G0218081.b/gicb184.d
Date : 18-FEB-2008 23:52
Client ID: STD 2.0
Sample Info: ICAL4,1.4,STD 2.0
Purge Volume: 200.0
Column phase: RTX-5
Instrument: mg.i
Operator: 3386
Column diameter: 0.32
Y (x10^6)
Min
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
-4-Bromofluorobenzene
/var/chem/gcms/mg.i/G0218081.b/gicb184.d

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb185.d
Report Date: 20-Feb-2008 13:54

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G021808I.b/gicb185.d
Lab Smp Id: ICAL5 Client Smp ID: STD 4.0
Inj Date : 19-FEB-2008 00:29
Operator : 3386 Inst ID: mg.i
Smp Info : ICAL5,,1,5,,STD 4.0
Misc Info : G021808,TO155,1-all.sub,,,,
Comment :
Method : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Meth Date : 20-Feb-2008 13:53 tajh Quant Type: ISTD
Cal Date : 19-FEB-2008 00:29 Cal File: gicb185.d
Als bottle: 28 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	200.00000	Default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	9.464	9.464	(1.000)	277429	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.616	11.616	(1.000)	919225	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.275	16.275	(1.000)	792448	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.483	10.483	(0.902)	261435	4.00000	4.152
$	5 Toluene-d8	98	14.215	14.215	(0.873)	676693	4.00000	3.945
$	6 4-Bromofluorobenzene	95	17.893	17.893	(1.099)	600621	4.00000	4.194
	7 Chlorodifluoromethane	67	3.953	3.953	(0.418)	108656	4.00000	3.723
	8 Propene	41	3.969	3.969	(0.419)	250304	4.00000	3.496
	9 Dichlorodifluoromethane	85	4.023	4.023	(0.425)	1047718	4.00000	4.093
	10 Chloromethane	52	4.228	4.228	(0.447)	72016	4.00000	3.966
	11 1,2-Dichlorotetrafluoroethane	135	4.228	4.228	(0.447)	379891	4.00000	3.443
	12 Methanol	31	4.352	4.352	(0.460)	55217	4.00000	4.194
	13 Vinyl Chloride	62	4.417	4.417	(0.467)	269436	4.00000	3.839
	14 n-Butane	43	4.514	4.514	(0.477)	405711	4.00000	3.912
	15 1,3-Butadiene	54	4.514	4.514	(0.477)	191273	4.00000	4.128
	16 Bromomethane	94	4.881	4.881	(0.516)	323734	4.00000	3.907

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb185.d
Report Date: 20-Feb-2008 13:54

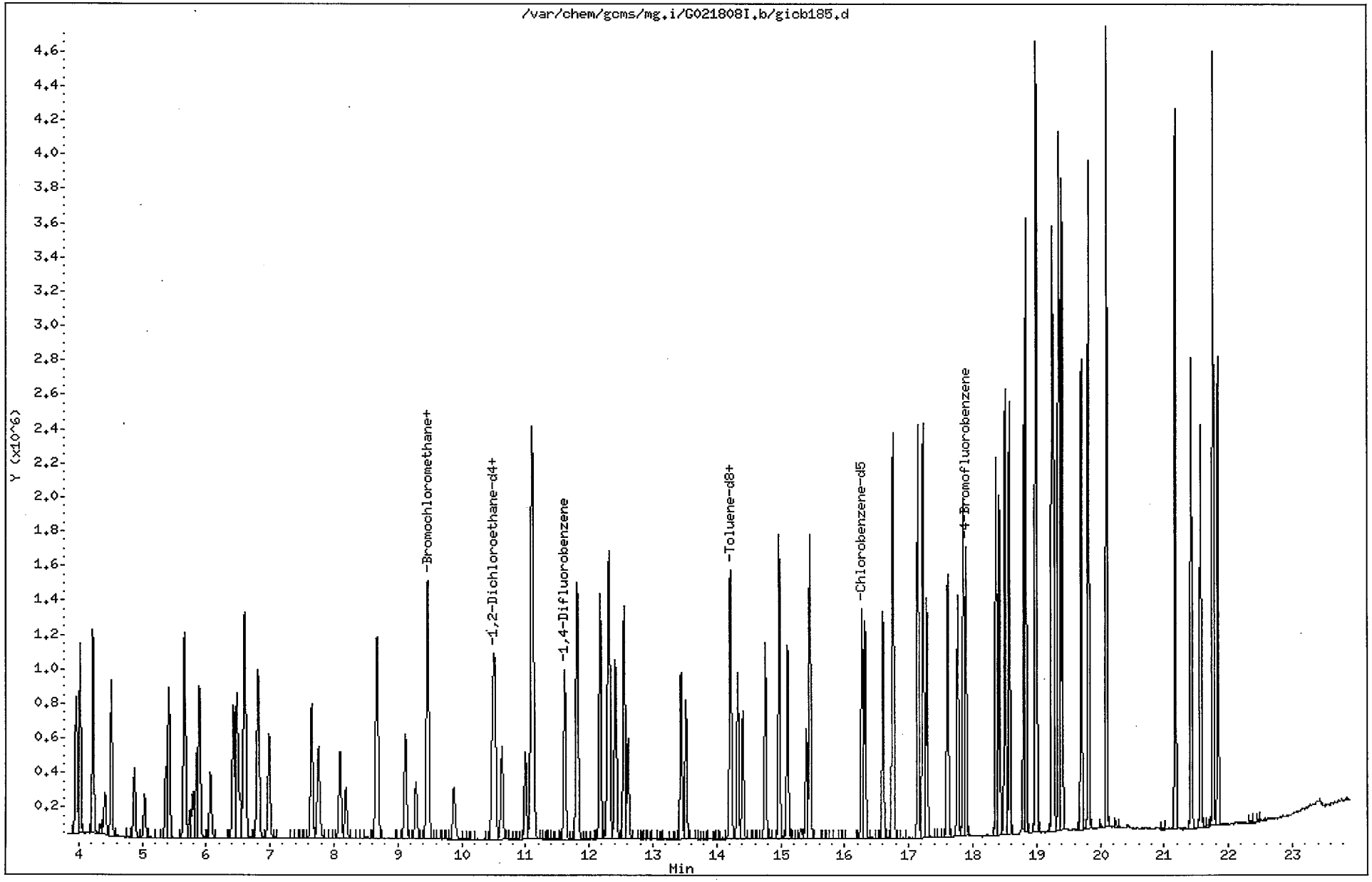
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
17	Chloroethane	64	5.037	5.037	(0.532)	177115	4.00000	3.768
18	Vinyl Bromide	106	5.371	5.371	(0.568)	356660	4.00000	4.164
19	2-methyl butane	43	5.420	5.420	(0.573)	409105	4.00000	4.175
20	Trichlorofluoromethane	101	5.663	5.663	(0.598)	1152363	4.00000	3.903
21	Acrolein	56	5.673	5.673	(0.599)	77270	4.00000	4.146
22	Acetonitrile	40	5.744	5.744	(0.607)	113143	4.00000	3.950
23	Acetone	58	5.792	5.792	(0.612)	108395	4.00000	3.448
24	Pentane	72	5.894	5.894	(0.623)	66972	4.00000	4.136
25	Isopropyl Alcohol	45	5.851	5.851	(0.618)	675959	4.00000	4.092
26	Ethyl Ether	31	6.067	6.067	(0.641)	246055	4.00000	3.550
27	1,1-Dichloroethene	96	6.428	6.428	(0.679)	359270	4.00000	4.175
28	Acrylonitrile	53	6.536	6.536	(0.691)	184353	4.00000	4.405
29	tert-butanol	59	6.482	6.482	(0.685)	1023382	4.00000	4.420
30	1,1,2-Trichlorotrifluoroethane	101	6.601	6.601	(0.697)	709106	4.00000	3.837
31	Methylene Chloride	84	6.800	6.800	(0.719)	290374	4.00000	3.704
32	3-Chloropropene	39	6.817	6.817	(0.720)	374646	4.00000	3.829
33	Carbon Disulfide	76	6.984	6.984	(0.738)	1052690	4.00000	4.344
34	trans-1,2-Dichloroethene	96	7.652	7.652	(0.809)	379455	4.00000	3.820
35	Methyl-t-Butyl Ether	73	7.760	7.760	(0.820)	673925	4.00000	3.938
36	1,1-Dichloroethane	63	8.095	8.095	(0.855)	649166	4.00000	3.833
37	Vinyl Acetate	43	8.186	8.186	(0.865)	558560	4.00000	4.268
38	Hexane	56	8.677	8.677	(0.917)	295340	4.00000	4.068
39	2-Butanone	72	8.655	8.655	(0.915)	104486	4.00000	3.905
40	cis 1,2-Dichloroethene	96	9.119	9.119	(0.964)	337223	4.00000	3.692
41	Ethyl acetate	43	9.286	9.286	(0.981)	490636	4.00000	4.159
42	Chloroform	83	9.470	9.470	(1.001)	762124	4.00000	3.780
43	Tetrahydrofuran	42	9.874	9.874	(1.043)	249919	4.00000	3.947
44	1,1,1-Trichloroethane	97	10.516	10.516	(1.111)	859204	4.00000	3.925
45	1,2-Dichloroethane	62	10.629	10.629	(0.915)	608371	4.00000	4.194
46	Cyclohexane	69	11.093	11.093	(0.955)	173747	4.00000	4.379
47	Benzene	78	11.098	11.098	(0.955)	965661	4.00000	4.066
48	1-Butanol	31	10.996	10.996	(0.947)	181898	4.00000	4.536
49	Carbon Tetrachloride	117	11.120	11.120	(0.957)	898749	4.00000	4.247
50	2,2,4-trimethylpentane	57	11.815	11.815	(1.017)	1657289	4.00000	4.364
51	Heptane	43	12.171	12.171	(1.048)	654326	4.00000	4.309
52	1,2-Dichloropropane	63	12.284	12.284	(1.058)	275396	4.00000	3.720
53	Trichloroethene	130	12.317	12.317	(1.060)	573180	4.00000	3.872
54	Dibromomethane	93	12.414	12.414	(1.069)	456851	4.00000	4.119
55	Bromodichloromethane	83	12.549	12.549	(1.080)	785941	4.00000	4.060
56	1,4-dioxane	88	12.543	12.543	(1.080)	208795	4.00000	4.242
57	methyl methacrylate	41	12.608	12.608	(1.085)	336258	4.00000	4.662
58	4-Methyl-2-pentanone	43	13.444	13.444	(1.157)	748810	4.00000	4.502
59	cis-1,3-Dichloropropene	75	13.519	13.519	(1.164)	499188	4.00000	3.800
60	trans-1,3-Dichloropropene	75	14.204	14.204	(0.873)	482215	4.00000	3.446
61	Toluene	91	14.328	14.328	(0.880)	792468	4.00000	2.588
62	1,1,2-Trichloroethane	97	14.404	14.404	(0.885)	253003	4.00000	3.123
63	2-Hexanone	58	14.754	14.754	(0.907)	394087	4.00000	4.663

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb185.d
Report Date: 20-Feb-2008 13:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	ON-COL (ppb(v/v))
64	Octane	85	14.975	14.975	(0.920)	362400	4.00000	3.717
65	Dibromochloromethane	129	15.105	15.105	(0.928)	666241	4.00000	3.867
66	1,2-Dibromoethane	107	15.396	15.396	(0.946)	487336	4.00000	3.305
67	Tetrachloroethene	129	15.455	15.455	(0.950)	414349	4.00000	3.730
68	Chlorobenzene	112	16.323	16.323	(1.003)	745593	4.00000	3.472
69	Ethylbenzene	91	16.598	16.598	(1.020)	1038367	4.00000	3.718
70	m&p-Xylene	91	16.755	16.755	(1.029)	1713587	8.00000	7.471
71	Nonane	57	17.143	17.143	(1.053)	729980	4.00000	3.971
72	Bromoform	173	17.229	17.229	(1.059)	648368	4.00000	4.058
73	Styrene	104	17.224	17.224	(1.058)	635095	4.00000	4.094
74	o-Xylene	91	17.283	17.283	(1.062)	936572	4.00000	3.968
75	1,1,2,2-Tetrachloroethane	83	17.607	17.607	(1.082)	776309	4.00000	4.242
76	1,2,3-Trichloropropane	110	17.763	17.763	(1.091)	247693	4.00000	4.215
77	Cumene	105	17.855	17.855	(1.097)	1424763	4.00000	4.075
78	n-Propylbenzene	120	18.367	18.367	(1.129)	419049	4.00000	4.386
79	2-chlorotoluene	126	18.416	18.416	(1.132)	369103	4.00000	3.818
80	4-Ethyltoluene	105	18.507	18.507	(1.137)	1686909	4.00000	4.577
81	1,3,5-Trimethylbenzene	120	18.577	18.577	(1.141)	677264	4.00000	4.568
82	Alpha-Methylstyrene	118	18.798	18.798	(1.155)	692593	4.00000	4.974
83	Decane	57	18.831	18.831	(1.157)	1057040	4.00000	4.204
84	tert-butylbenzene	119	18.987	18.987	(1.167)	1594918	4.00000	4.626
85	1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	1588769	4.00000	4.646
86	sec-butylbenzene	105	19.246	19.246	(1.183)	2248249	4.00000	4.587
87	1,3-Dichlorobenzene	146	19.268	19.268	(1.184)	1027037	4.00000	4.072
88	Benzyl Chloride	91	19.343	19.343	(1.189)	1519221	4.00000	5.167
89	1,4-Dichlorobenzene	146	19.354	19.354	(1.189)	1021948	4.00000	4.167
90	p-Cymene	119	19.397	19.397	(1.192)	2088314	4.00000	4.746
91	1,2-Dichlorobenzene	146	19.704	19.704	(1.211)	1048577	4.00000	4.054
92	n-butylbenzene	91	19.818	19.818	(1.218)	1997544	4.00000	4.657
93	Undecane	57	20.098	20.098	(1.235)	1288088	4.00000	4.227
94	Dodecane	57	21.176	21.176	(1.301)	1209828	4.00000	3.979
95	1,2,4-Trichlorobenzene	180	21.425	21.425	(1.316)	852816	4.00000	3.732
96	Napthalene	128	21.570	21.570	(1.325)	1845553	4.00000	3.742
97	Hexachlorobutadiene	225	21.764	21.764	(1.337)	826808	4.00000	3.355
98	1.2.3-trichlorobenzene	180	21.840	21.840	(1.342)	723643	4.00000	3.139

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb185.d
Date : 19-FEB-2008 00:29
Client ID: STD 4.0
Sample Info: ICAL5,,1,5,,STD 4.0
Purge Volume: 200.0
Column phase: RTX-5

Instrument: mg.i
Operator: 3386
Column diameter: 0.32



Data File: /var/chem/gcms/mg.i/G021808I.b/gicb188.d
Report Date: 20-Feb-2008 13:54

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G021808I.b/gicb188.d
Lab Smp Id: ICAL8 Client Smp ID: STD 24
Inj Date : 19-FEB-2008 08:05
Operator : 3386 Inst ID: mg.i
Smp Info : ICAL8,,1,8,,STD 24
Misc Info : G021808,TO155,1-all.sub,,,,
Comment :
Method : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Meth Date : 20-Feb-2008 13:53 tajh Quant Type: ISTD
Cal Date : 19-FEB-2008 08:05 Cal File: gicb188.d
Als bottle: 31 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3:50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	200.00000	Default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	9.470	9.464	(1.000)	234818	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.621	11.616	(1.000)	837288	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.280	16.275	(1.000)	708247	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.483	10.483	(0.902)	227239	4.00000	3.962
$	5 Toluene-d8	98	14.220	14.215	(0.873)	637093	4.00000	4.156
$	6 4-Bromofluorobenzene	95	17.892	17.893	(1.099)	567271	4.00000	4.432
	7 Chlorodifluoromethane	67	3.959	3.953	(0.418)	408521	24.0000	16.54
	8 Propene	41	3.975	3.969	(0.420)	837677	24.0000	13.83
	9 Dichlorodifluoromethane	85	4.029	4.023	(0.425)	3744774	24.0000	17.29
	10 Chloromethane	52	4.234	4.228	(0.447)	280393	24.0000	18.25
	11 1,2-Dichlorotetrafluoroethane	135	4.234	4.228	(0.447)	1363157	24.0000	14.60
	12 Methanol	31	4.363	4.352	(0.461)	238733	24.0000	22.07
	13 Vinyl Chloride	62	4.422	4.417	(0.467)	1049449	24.0000	17.88
	14 n-Butane	43	4.514	4.514	(0.477)	1618589	24.0000	16.52
	15 1,3-Butadiene	54	4.514	4.514	(0.477)	760859	24.0000	17.14
	16 Bromomethane	94	4.881	4.881	(0.515)	1137438	24.0000	16.22

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb188.d
Report Date: 20-Feb-2008 13:54

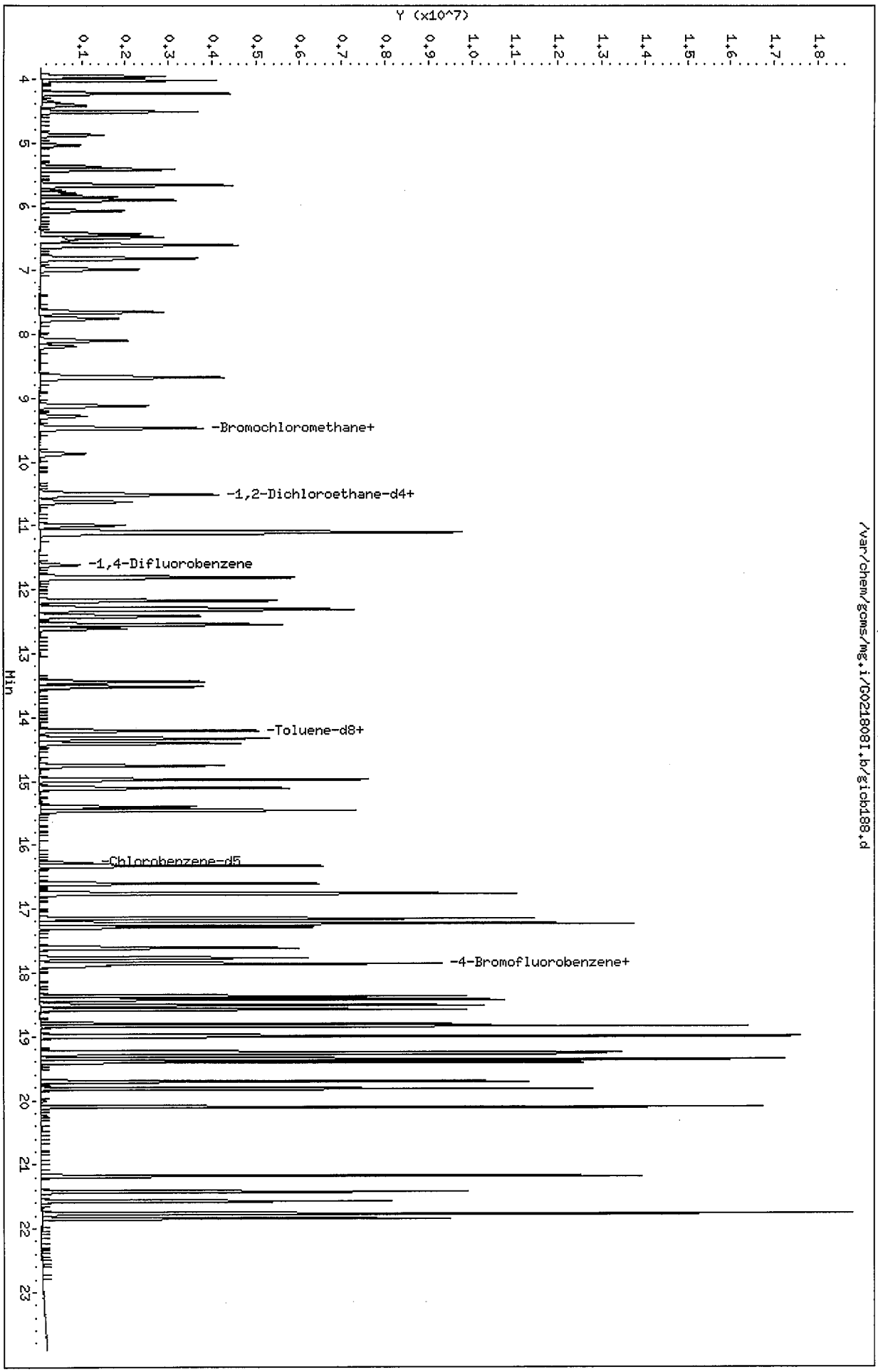
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
17 Chloroethane	64	5.042	5.037	(0.532)	615630	24.0000	15.51
18 Vinyl Bromide	106	5.377	5.371	(0.568)	1167404	24.0000	16.12
19 2-methyl butane	43	5.420	5.420	(0.572)	1464922	24.0000	17.50
20 Trichlorofluoromethane	101	5.663	5.663	(0.598)	4245684	24.0000	17.00
21 Acrolein	56	5.679	5.673	(0.600)	271868	24.0000	17.46
22 Acetonitrile	40	5.749	5.744	(0.607)	346617	24.0000	15.52
23 Acetone	58	5.792	5.792	(0.612)	325588	24.0000	16.08
24 Pentane	72	5.900	5.894	(0.623)	226422	24.0000	16.52
25 Isopropyl Alcohol	45	5.851	5.851	(0.618)	2346413	24.0000	16.79
26 Ethyl Ether	31	6.067	6.067	(0.641)	1270407	24.0000	21.66
27 1,1-Dichloroethene	96	6.428	6.428	(0.679)	1007061	24.0000	12.56
28 Acrylonitrile	53	6.542	6.536	(0.691)	591991	24.0000	16.72
29 tert-butanol	59	6.482	6.482	(0.685)	3087461	24.0000	15.77
30 1,1,2-Trichlorotrifluoroethane	101	6.606	6.601	(0.698)	2408523	24.0000	15.40
31 Methylene Chloride	84	6.806	6.800	(0.719)	994379	24.0000	11.89
32 3-Chloropropene	39	6.817	6.817	(0.720)	1523861	24.0000	18.36
33 Carbon Disulfide	76	6.984	6.984	(0.737)	3811313	24.0000	18.59
34 trans-1,2-Dichloroethene	96	7.658	7.652	(0.809)	1313496	24.0000	15.62
35 Methyl-t-Butyl Ether	73	7.760	7.760	(0.819)	2184992	24.0000	15.03
36 1,1-Dichloroethane	63	8.100	8.095	(0.855)	2572717	24.0000	17.94
37 Vinyl Acetate	43	8.192	8.186	(0.865)	1589591	24.0000	14.35
38 Hexane	56	8.682	8.677	(0.917)	1105918	24.0000	18.00
39 2-Butanone	72	8.650	8.655	(0.913)	329893	24.0000	16.33
40 cis 1,2-Dichloroethene	96	9.119	9.119	(0.963)	1305578	24.0000	16.89
41 Ethyl acetate	43	9.281	9.286	(0.980)	1579111	24.0000	15.90
42 Chloroform	83	9.470	9.470	(1.000)	3079096	24.0000	18.05
43 Tetrahydrofuran	42	9.869	9.874	(1.042)	859785	24.0000	20.41
44 1,1,1-Trichloroethane	97	10.516	10.516	(1.110)	3483904	24.0000	18.80
45 1,2-Dichloroethane	62	10.634	10.629	(0.915)	2477628	24.0000	18.75
46 Cyclohexane	69	11.098	11.093	(0.955)	641790	24.0000	17.76
47 Benzene	78	11.103	11.098	(0.955)	3631826	24.0000	16.86
48 1-Butanol	31	10.996	10.996	(0.946)	710991	24.0000	19.57
49 Carbon Tetrachloride	117	11.125	11.120	(0.957)	3780078	24.0000	19.61
50 2,2,4-trimethylpentane	57	11.815	11.815	(1.017)	6392211	24.0000	18.48
51 Heptane	43	12.177	12.171	(1.048)	2526811	24.0000	18.27
52 1,2-Dichloropropane	63	12.290	12.284	(1.058)	1355872	24.0000	20.11
53 Trichloroethene	130	12.322	12.317	(1.060)	2287910	24.0000	16.97
54 Dibromomethane	93	12.419	12.414	(1.069)	1724347	24.0000	17.07
55 Bromodichloromethane	83	12.549	12.549	(1.080)	3402222	24.0000	19.30
56 1,4-dioxane	88	12.543	12.543	(1.079)	668087	24.0000	14.90
57 methyl methacrylate	41	12.608	12.608	(1.085)	1194592	24.0000	18.18
58 4-Methyl-2-pentanone	43	13.444	13.444	(1.157)	2928987	24.0000	19.33
59 cis-1,3-Dichloropropene	75	13.525	13.519	(1.164)	2244692	24.0000	18.76
60 trans-1,3-Dichloropropene	75	14.204	14.204	(0.872)	2632942	24.0000	21.05
61 Toluene	91	14.328	14.328	(0.880)	4242265	24.0000	15.51
62 1,1,2-Trichloroethane	97	14.409	14.404	(0.885)	1506348	24.0000	20.80
63 2-Hexanone	58	14.754	14.754	(0.906)	1435895	24.0000	19.01

Data File: /var/chem/gcms/mg.i/G021808I.b/gicb188.d
Report Date: 20-Feb-2008 13:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
64	Octane	85	14.975	14.975	(0.920)	1459851	24.0000	16.75
65	Dibromochloromethane	129	15.110	15.105	(0.928)	3328919	24.0000	21.62
66	1,2-Dibromoethane	107	15.401	15.396	(0.946)	2735670	24.0000	20.76
67	Tetrachloroethene	129	15.460	15.455	(0.950)	1685850	24.0000	16.98
68	Chlorobenzene	112	16.329	16.323	(1.003)	3751903	24.0000	19.55
69	Ethylbenzene	91	16.604	16.598	(1.020)	5108293	24.0000	20.46
70	m&p-Xylene	91	16.760	16.755	(1.029)	7896788	48.0000	38.50(A)
71	Nonane	57	17.148	17.143	(1.053)	3391570	24.0000	20.64
72	Bromoform	173	17.229	17.229	(1.058)	3862467	24.0000	27.05(A)
73	Styrene	104	17.224	17.224	(1.058)	3266944	24.0000	23.56
74	o-Xylene	91	17.288	17.283	(1.062)	4194618	24.0000	19.88
75	1,1,2,2-Tetrachloroethane	83	17.607	17.607	(1.081)	3014901	24.0000	18.43
76	1,2,3-Trichloropropane	110	17.768	17.763	(1.091)	1070549	24.0000	20.38
77	Cumene	105	17.855	17.855	(1.097)	6408711	24.0000	20.51
78	n-Propylbenzene	120	18.367	18.367	(1.128)	1687507	24.0000	19.76
79	2-chlorotoluene	126	18.421	18.416	(1.131)	1890451	24.0000	21.91
80	4-Ethyltoluene	105	18.507	18.507	(1.137)	6722350	24.0000	20.41
81	1,3,5-Trimethylbenzene	120	18.577	18.577	(1.141)	2395375	24.0000	18.08
82	Alpha-Methylstyrene	118	18.804	18.798	(1.155)	2728881	24.0000	21.93
83	Decane	57	18.836	18.831	(1.157)	4732815	24.0000	21.06
84	tert-butylbenzene	119	18.987	18.987	(1.166)	5840793	24.0000	18.96
85	1,2,4-Trimethylbenzene	105	19.003	18.998	(1.167)	5732036	24.0000	18.75
86	sec-butylbenzene	105	19.246	19.246	(1.182)	8169305	24.0000	18.61
87	1,3-Dichlorobenzene	146	19.273	19.268	(1.184)	4600901	24.0000	20.41
88	Benzyl Chloride	91	19.343	19.343	(1.188)	5360326	24.0000	20.40
89	1,4-Dichlorobenzene	146	19.359	19.354	(1.189)	4527854	24.0000	20.66
90	p-Cymene	119	19.402	19.397	(1.192)	6798117	24.0000	17.29
91	1,2-Dichlorobenzene	146	19.704	19.704	(1.210)	4058340	24.0000	17.55
92	n-butylbenzene	91	19.818	19.818	(1.217)	6610275	24.0000	17.24
93	Undecane	57	20.098	20.098	(1.234)	4604520	24.0000	16.90
94	Dodecane	57	21.176	21.176	(1.301)	3913791	24.0000	14.40
95	1,2,4-Trichlorobenzene	180	21.424	21.425	(1.316)	2850462	24.0000	13.96
96	Napthalene	128	21.575	21.570	(1.325)	6051270	24.0000	13.73
97	Hexachlorobutadiene	225	21.770	21.764	(1.337)	3476449	24.0000	15.78
98	1.2.3-trichlorobenzene	180	21.845	21.840	(1.342)	2495956	24.0000	13.20

QC Flag Legend

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


Data File: /var/chem/gcms/mg.i/G0218081.b/gicb188.d
Date : 19-FEB-2008 08:05
Client ID: STD 24
Sample Info: ICAL8,.1,8,,STD 24
Purge Volume: 200.0
Column phase: RTX-5
Instrument: mg.i
Operator: 3386
Column diameter: 0.32
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Y (x10^7)
Min
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
-4-Bromofluorobenzene+

Data File: /var/chem/gcms/mg.i/G021808I.b/gicvb18.d
Report Date: 20-Feb-2008 16:01

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G021808I.b/gicvb18.d
Lab Smp Id: ICV Client Smp ID: LCS
Inj Date : 19-FEB-2008 10:45
Operator : 3386 Inst ID: mg.i
Smp Info : ICV,,3,,,LCS
Misc Info : G021808,TO155,1-all.sub,,,,
Comment :
Method : /var/chem/gcms/mg.i/G021808I.b/TO155.m
Meth Date : 20-Feb-2008 16:00 tajh Quant Type: ISTD
Cal Date : 18-FEB-2008 22:41 Cal File: gicb183.d
Als bottle: 33 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	200.00000	Default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
*	1 Bromochloromethane	128	9.464	9.464	(1.000)	195941	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.616	11.616	(1.000)	771539	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.275	16.275	(1.000)	639730	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.483	10.483	(0.902)	197211	3.73188	9.330
$	5 Toluene-d8	98	14.215	14.215	(0.873)	473581	3.42002	8.550
$	6 4-Bromofluorobenzene	95	17.893	17.893	(1.099)	404055	3.49509	8.738
	7 Chlorodifluoromethane	67	3.959	3.953	(0.418)	86767	4.20955	10.52
	8 Propene	41	3.969	3.969	(0.419)	165384	3.51969	8.799
	9 Dichlorodifluoromethane	85	4.029	4.023	(0.426)	748691	4.14142	10.35
	10 Chloromethane	52	4.234	4.228	(0.447)	53351	4.15978	10.40
	11 1,2-Dichlorotetrafluoroethane	135	4.234	4.228	(0.447)	271470	3.48382	8.710
	12 Methanol	31	4.358	4.352	(0.460)	46851	5.03908	12.60
	13 Vinyl Chloride	62	4.422	4.417	(0.467)	209109	4.21831	10.54
	14 n-Butane	43	4.519	4.514	(0.478)	316675	4.29491	10.74
	15 1,3-Butadiene	54	4.519	4.514	(0.478)	154430	4.69375	11.73

Data File: /var/chem/gcms/mg.i/G021808I.b/gicvb18.d
Report Date: 20-Feb-2008 16:01

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
16 Bromomethane	94	4.881	4.881	(0.516)	213584	3.64871	9.122
17 Chloroethane	64	5.037	5.037	(0.532)	119270	3.59221	8.980
18 Vinyl Bromide	106	5.371	5.371	(0.568)	252140	4.16758	10.42
19 2-methyl butane	43	5.420	5.420	(0.573)	286247	4.14454	10.36
20 Trichlorofluoromethane	101	5.663	5.663	(0.598)	843656	4.04543	10.11
21 Acrolein	56	5.673	5.673	(0.599)	39265	2.98313	7.458
22 Acetonitrile	40	5.749	5.744	(0.607)	64536	3.18982	7.974
23 Acetone	58	5.797	5.792	(0.613)	81831	3.68582	9.214
24 Pentane	72	5.900	5.894	(0.623)	45920	4.01527	10.04
25 Isopropyl Alcohol	45	5.851	5.851	(0.618)	518807	4.44039	11.10
26 Ethyl Ether	31	6.067	6.067	(0.641)	181421	3.70625	9.266
27 1,1-Dichloroethene	96	6.428	6.428	(0.679)	270398	4.44759	11.12
28 Acrylonitrile	53	6.536	6.536	(0.691)	110462	3.73746	9.344
29 tert-butanol	59	6.482	6.482	(0.685)	714326	4.33043	10.83
30 1,1,2-Trichlorotrifluoroethane	101	6.606	6.601	(0.698)	624880	4.78750	11.97
31 Methylene Chloride	84	6.800	6.800	(0.719)	244654	4.41881	11.05
32 3-Chloropropene	39	6.817	6.817	(0.720)	304847	4.43305	11.08
33 Carbon Disulfide	76	6.984	6.984	(0.738)	737720	4.30849	10.77
34 trans-1,2-Dichloroethene	96	7.652	7.652	(0.809)	283576	4.04185	10.10
35 Methyl-t-Butyl Ether	73	7.766	7.760	(0.821)	519864	4.33657	10.84
36 1,1-Dichloroethane	63	8.100	8.095	(0.856)	510215	4.26580	10.66
37 Vinyl Acetate	43	8.192	8.186	(0.866)	388379	4.23837	10.60
38 Hexane	56	8.677	8.677	(0.917)	223722	4.36347	10.91
39 2-Butanone	72	8.655	8.655	(0.915)	86988	4.61593	11.54
40 cis 1,2-Dichloroethene	96	9.119	9.119	(0.964)	267457	4.14583	10.36
41 Ethyl acetate	43	9.281	9.286	(0.981)	409357	4.88793	12.22
42 Chloroform	83	9.470	9.470	(1.001)	580694	4.07839	10.20
43 Tetrahydrofuran	42	9.879	9.874	(1.044)	202834	4.54637	11.36
44 1,1,1-Trichloroethane	97	10.516	10.516	(1.111)	673664	4.35774	10.89
45 1,2-Dichloroethane	62	10.629	10.629	(0.915)	469905	3.85969	9.649
46 Cyclohexane	69	11.098	11.093	(0.955)	130396	3.91569	9.789
47 Benzene	78	11.098	11.098	(0.955)	683069	3.42692	8.567
48 1-Butanol	31	10.996	10.996	(0.947)	147646	4.40664	11.02
49 Carbon Tetrachloride	117	11.120	11.120	(0.957)	748111	4.21213	10.53
50 2,2,4-trimethylpentane	57	11.815	11.815	(1.017)	1107286	3.47370	8.684
51 Heptane	43	12.171	12.171	(1.048)	441065	3.46048	8.651
52 1,2-Dichloropropane	63	12.290	12.284	(1.058)	226065	3.63696	9.092
53 Trichloroethene	130	12.317	12.317	(1.060)	411346	3.31101	8.278
54 Dibromomethane	93	12.414	12.414	(1.069)	315749	3.39171	8.479
55 Bromodichloromethane	83	12.549	12.549	(1.080)	585349	3.60274	9.007
56 1,4-dioxane	88	12.543	12.543	(1.080)	165994	4.01786	10.04
57 methyl methacrylate	41	12.608	12.608	(1.085)	284297	4.69620	11.74
58 4-Methyl-2-pentanone	43	13.444	13.444	(1.157)	664115	4.75667	11.89
59 cis-1,3-Dichloropropene	75	13.519	13.519	(1.164)	385259	3.49405	8.735
60 trans-1,3-Dichloropropene	75	14.204	14.204	(0.873)	409582	3.62570	9.064
61 Toluene	91	14.328	14.328	(0.880)	633386	3.82586	9.565
62 1,1,2-Trichloroethane	97	14.404	14.404	(0.885)	212100	3.24311	8.108

Data File: /var/chem/gcms/mg.i/G021808I.b/gicvb18.d
Report Date: 20-Feb-2008 16:01

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
63 2-Hexanone	58	14.754	14.754	(0.907)	321366	4.71049	11.78
64 Octane	85	14.975	14.975	(0.920)	266303	3.38338	8.458
65 Dibromochloromethane	129	15.105	15.105	(0.928)	552786	3.97456	9.936
66 1,2-Dibromoethane	107	15.396	15.396	(0.946)	456662	3.83661	9.592
67 Tetrachloroethene	129	15.455	15.455	(0.950)	310720	3.46510	8.663
68 Chlorobenzene	112	16.323	16.323	(1.003)	642479	3.70631	9.266
69 Ethylbenzene	91	16.598	16.598	(1.020)	843100	3.73903	9.348
70 m&p-Xylene	91	16.755	16.755	(1.029)	1353648	7.31637	18.29
71 Nonane	57	17.143	17.143	(1.053)	544820	3.67142	9.178
72 Bromoform	173	17.229	17.229	(1.059)	550878	4.27055	10.68
73 Styrene	104	17.224	17.224	(1.058)	505371	4.03505	10.09
74 o-Xylene	91	17.283	17.283	(1.062)	722401	3.79119	9.478
75 1,1,2,2-Tetrachloroethane	83	17.607	17.607	(1.082)	583519	3.94948	9.874
76 1,2,3-Trichloropropane	110	17.763	17.763	(1.091)	186308	3.92732	9.818
77 Cumene	105	17.855	17.855	(1.097)	1054230	3.73525	9.338
78 n-Propylbenzene	120	18.367	18.367	(1.129)	298619	3.87214	9.680
79 2-chlorotoluene	126	18.416	18.416	(1.132)	275064	3.52681	8.817
80 4-Ethyltoluene	105	18.507	18.507	(1.137)	1237244	4.15822	10.40
81 1,3,5-Trimethylbenzene	120	18.572	18.577	(1.141)	489464	4.08954	10.22
82 Alpha-Methylstyrene	118	18.798	18.798	(1.155)	519187	4.61917	11.55
83 Decane	57	18.831	18.831	(1.157)	780616	3.84629	9.616
84 tert-butylbenzene	119	18.987	18.987	(1.167)	1174739	4.22083	10.55
85 1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	1178559	4.26885	10.67
86 sec-butylbenzene	105	19.246	19.246	(1.183)	1647883	4.16475	10.41
87 1,3-Dichlorobenzene	146	19.268	19.268	(1.184)	754780	3.70593	9.265
88 Benzyl Chloride	91	19.343	19.343	(1.189)	976809	4.11557	10.29
89 1,4-Dichlorobenzene	146	19.354	19.354	(1.189)	747621	3.77627	9.441
90 p-Cymene	119	19.397	19.397	(1.192)	1550288	4.36473	10.91
91 1,2-Dichlorobenzene	146	19.704	19.704	(1.211)	762921	3.65357	9.134
92 n-butylbenzene	91	19.818	19.818	(1.218)	1547139	4.46788	11.17
93 Undecane	57	20.098	20.098	(1.235)	1034441	4.20464	10.51
94 Dodecane	57	21.176	21.176	(1.301)	1111452	4.52817	11.32
95 1,2,4-Trichlorobenzene	180	21.425	21.425	(1.316)	726756	3.93935	9.848
96 Napthalene	128	21.570	21.570	(1.325)	1579267	3.96194	9.905
97 Hexachlorobutadiene	225	21.764	21.764	(1.337)	727890	3.65860	9.146
98 1.2.3-trichlorobenzene	180	21.840	21.840	(1.342)	646077	3.47145	8.679

Data File: /var/chem/gcms/mg.i/G021808I.b/gicvb18.d
Report Date: 20-Feb-2008 16:01

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: gicvb18.d
Lab Smp Id: ICV
Analysis Type: OTHER
Quant Type: ISTD
Operator: 3386
Method File: /var/chem/gcms/mg.i/G021808I.b/TO155.m
Misc Info: G021808,TO155,1-all.sub,,,,

Calibration Date: 19-FEB-2008
Calibration Time: 00:29
Client Smp ID: LCS
Level: LOW
Sample Type: AIR

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
1 Bromochloromethan	277429	165070	389788	195941	-29.37
2 1,4-Difluorobenze	919225	546939	1291511	771539	-16.07
3 Chlorobenzene-d5	792448	471507	1113389	639730	-19.27

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
1 Bromochloromethan	9.46	9.13	9.79	9.46	0.00
2 1,4-Difluorobenze	11.62	11.29	11.95	11.62	0.00
3 Chlorobenzene-d5	16.27	15.94	16.60	16.27	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: /var/chem/gcms/mg.i/G021808I.b/gicvb18.d
Report Date: 20-Feb-2008 16:01

TestAmerica Knoxville

RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: ICV
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: 1-all.sub
Method File: /var/chem/gcms/mg.i/G021808I.b/TO155.m
Misc Info: G021808,TO155,1-all.sub,,,,

Client SDG: G021808
Fraction: OTHER
Client Smp ID: LCS
Operator: 3386
SampleType: BLANK
Quant Type: ISTD

SPIKE	COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
7	Chlorodifluorometh	10.00	10.52	105.24	70-130
8	Propene	10.00	8.799	87.99	70-130
9	Dichlorodifluorome	10.00	10.35	103.54	70-130
10	Chloromethane	10.00	10.40	103.99	70-130
11	1,2-Dichlorotetraf	10.00	8.710	87.10	70-130
12	Methanol	10.00	12.60	125.98	70-130
13	Vinyl Chloride	10.00	10.54	105.46	70-130
14	n-Butane	10.00	10.74	107.37	70-130
15	1,3-Butadiene	10.00	11.73	117.34	70-130
16	Bromomethane	10.00	9.122	91.22	70-130
17	Chloroethane	10.00	8.980	89.81	70-130
18	Vinyl Bromide	10.00	10.42	104.19	70-130
19	2-methyl butane	10.00	10.36	103.61	70-130
20	Trichlorofluoromet	10.00	10.11	101.14	70-130
21	Acrolein	10.00	7.458	74.58	70-130
22	Acetonitrile	10.00	7.974	79.75	70-130
23	Acetone	10.00	9.214	92.15	70-130
24	Pentane	10.00	10.04	100.38	70-130
25	Isopropyl Alcohol	10.00	11.10	111.01	70-130
26	Ethyl Ether	10.00	9.266	92.66	70-130
27	1,1-Dichloroethene	10.00	11.12	111.19	70-130
28	Acrylonitrile	10.00	9.344	93.44	70-130
29	tert-butanol	10.00	10.83	108.26	70-130
30	1,1,2-Trichlorotri	10.00	11.97	119.69	70-130
31	Methylene Chloride	10.00	11.05	110.47	70-130
32	3-Chloropropene	10.00	11.08	110.83	70-130
33	Carbon Disulfide	10.00	10.77	107.71	70-130
		0.000	0.000	*	0-0
34	trans-1,2-Dichloro	10.00	10.10	101.05	70-130
35	Methyl-t-Butyl Eth	10.00	10.84	108.41	70-130
36	1,1-Dichloroethane	10.00	10.66	106.65	70-130
37	Vinyl Acetate	10.00	10.60	105.96	70-130
38	Hexane	10.00	10.91	109.09	70-130

Data File: /var/chem/gcms/mg.i/G021808I.b/gicvb18.d
Report Date: 20-Feb-2008 16:01

SPIKE	COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
39	2-Butanone	10.00	11.54	115.40	70-130
40	cis 1,2-Dichloroet	10.00	10.36	103.65	70-130
41	Ethyl acetate	10.00	12.22	122.20	70-130
42	Chloroform	10.00	10.20	101.96	70-130
43	Tetrahydrofuran	10.00	11.36	113.66	70-130
44	1,1,1-Trichloroeth	10.00	10.89	108.94	70-130
45	1,2-Dichloroethane	10.00	9.649	96.49	70-130
46	Cyclohexane	10.00	9.789	97.89	70-130
47	Benzene	10.00	8.567	85.67	70-130
48	1-Butanol	10.00	11.02	110.17	70-130
49	Carbon Tetrachlori	10.00	10.53	105.30	70-130
50	2,2,4-trimethylpen	10.00	8.684	86.84	70-130
51	Heptane	10.00	8.651	86.51	70-130
52	1,2-Dichloropropan	10.00	9.092	90.92	70-130
53	Trichloroethene	10.00	8.278	82.78	70-130
54	Dibromomethane	10.00	8.479	84.79	70-130
55	Bromodichlorometha	10.00	9.007	90.07	70-130
56	1,4-dioxane	10.00	10.04	100.45	70-130
57	methyl methacrylat	10.00	11.74	117.41	70-130
58	4-Methyl-2-pentano	10.00	11.89	118.92	70-130
59	cis-1,3-Dichloropr	10.00	8.735	87.35	70-130
60	trans-1,3-Dichloro	10.00	9.064	90.64	70-130
61	Toluene	10.00	9.565	95.65	70-130
62	1,1,2-Trichloroeth	10.00	8.108	81.08	70-130
63	2-Hexanone	10.00	11.78	117.76	70-130
64	Octane	10.00	8.458	84.58	70-130
65	Dibromochlorometha	10.00	9.936	99.36	70-130
66	1,2-Dibromoethane	10.00	9.592	95.92	70-130
67	Tetrachloroethene	10.00	8.663	86.63	70-130
68	Chlorobenzene	10.00	9.266	92.66	70-130
69	Ethylbenzene	10.00	9.348	93.48	70-130
70	m&p-Xylene	20.00	18.29	91.45	70-130
71	Nonane	10.00	9.178	91.79	70-130
72	Bromoform	10.00	10.68	106.76	70-130
73	Styrene	10.00	10.09	100.88	70-130
74	o-Xylene	10.00	9.478	94.78	70-130
75	1,1,2,2-Tetrachlor	10.00	9.874	98.74	70-130
76	1,2,3-Trichloropro	10.00	9.818	98.18	70-130
77	Cumene	10.00	9.338	93.38	70-130
		0.000	0.000	*	0-0
78	n-Propylbenzene	10.00	9.680	96.80	70-130
		0.000	0.000	*	0-0
79	2-chlorotoluene	10.00	8.817	88.17	70-130
80	4-Ethyltoluene	10.00	10.40	103.96	70-130
81	1,3,5-Trimethylben	10.00	10.22	102.24	70-130
82	Alpha-Methylstyren	10.00	11.55	115.48	70-130
		0.000	0.000	*	0-0

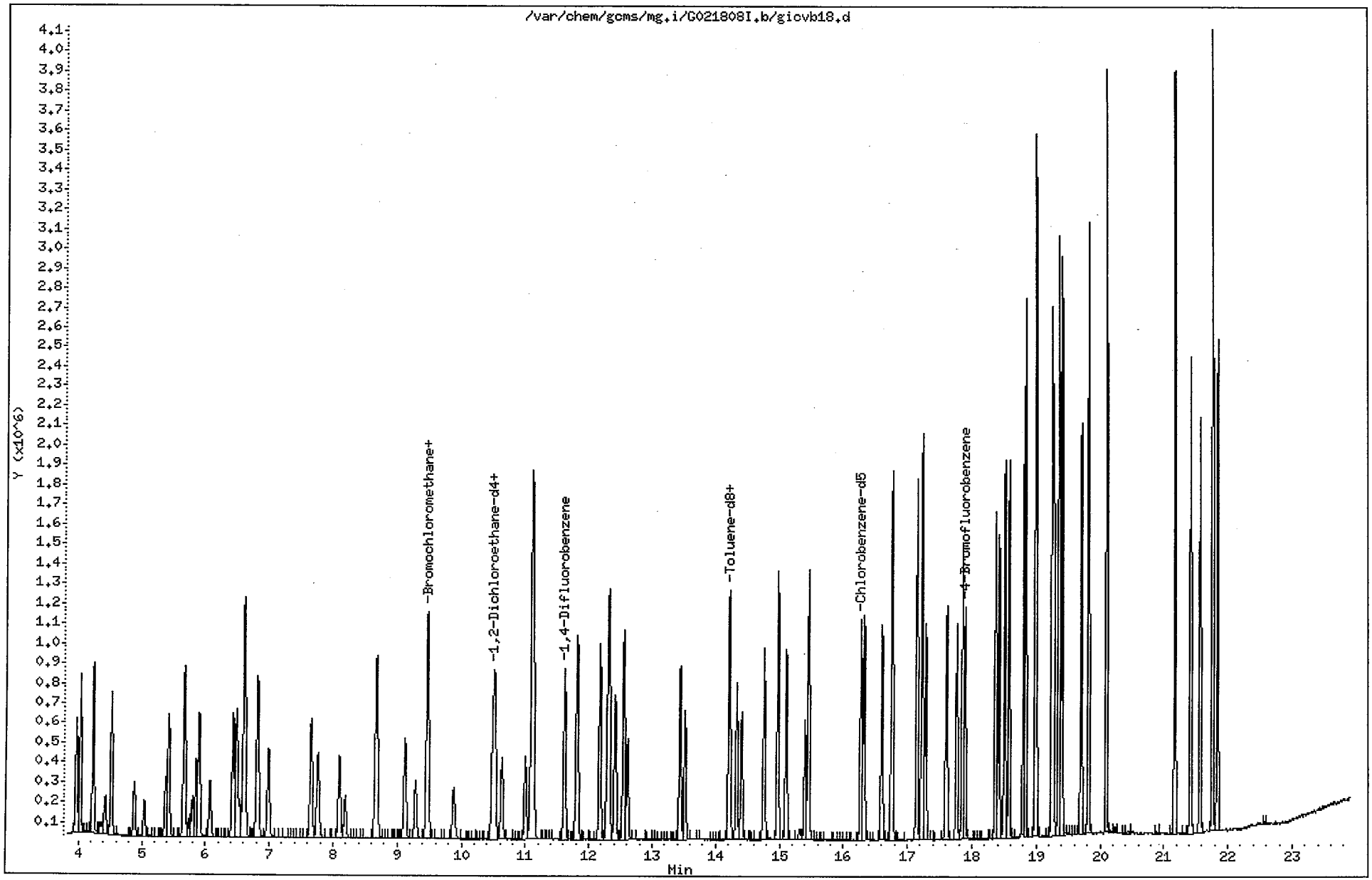
Data File: /var/chem/gcms/mg.i/G021808I.b/gicvb18.d
Report Date: 20-Feb-2008 16:01

SPIKE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
83 Decane	10.00	9.616	96.16	70-130
84 tert-butylbenzene	10.00	10.55	105.52	70-130
85 1,2,4-Trimethylben	10.00	10.67	106.72	70-130
86 sec-butylbenzene	10.00	10.41	104.12	70-130
87 1,3-Dichlorobenzen	10.00	9.265	92.65	70-130
88 Benzyl Chloride	10.00	10.29	102.89	70-130
89 1,4-Dichlorobenzen	10.00	9.441	94.41	70-130
90 p-Cymene	10.00	10.91	109.12	70-130
	0.000	0.000	*	0-0
91 1,2-Dichlorobenzen	10.00	9.134	91.34	70-130
92 n-butylbenzene	10.00	11.17	111.70	70-130
93 Undecane	10.00	10.51	105.12	70-130
	0.000	0.000	*	0-0
	0.000	0.000	*	0-0
94 Dodecane	10.00	11.32	113.20	70-130
95 1,2,4-Trichloroben	10.00	9.848	98.48	70-130
96 Napthalene	10.00	9.905	99.05	70-130
97 Hexachlorobutadien	10.00	9.146	91.46	70-130
98 1.2.3-trichloroben	10.00	8.679	86.79	70-130

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	10.00	9.330	93.30	70-130
$ 5 Toluene-d8	10.00	8.550	85.50	70-130
$ 6 4-Bromofluorobenze	10.00	8.738	87.38	70-130

Data File: /var/chem/gcms/mg.i/G021808I.b/giovb18.d
Date : 19-FEB-2008 10:45
Client ID: LCS
Sample Info: ICV,,3,,,LCS
Purge Volume: 200.0
Column phase: RTX-5

Instrument: mg.i
Operator: 3386
Column diameter: 0.32



STL Knoxville GC/MS Air Continuing Calibration Review / Narrative Checklist
Method: TO-14 and TO-15 - KNOX-MS-0001, Rev 9

Analysis Date:	2-26-08	CCAL Batch/ Scan Name:	60226008	Instrument:	MS	ICAL Batch/ Scan Name:	60218081	Scanned □

Review Items	N/A	Yes	No	If No, why is data reportable?	2nd ➡
1. Did BFB meet tune criteria?		✓			✓
2. Were all standards injected within 24 hr of BFB?		✓			✓
3. Have the Entech position no. & vol. been verified with run log & sample vol. corrected if actual amount differs >5%?		✓			✓
4. Was date/time of analysis verified between analysis header and logbook as correct?		✓			✓
5. Was the CCAL compared to the correct ICAL?		✓			✓
6. Is the %D ≤ 30% for all target analytes? Up to 4 analytes allowed over 30% but ≤ 40% D (Narrative req'd.).		✓		1,2,4 trichlorobenz 36.5% naphthalene 39.8%	✓
7. Have all peaks been auto identified? If not, list:		✓			✓
8. If manual integrations were performed, are they clearly identified, initialed, dated and reason given?	✓			Reasons: 1)Corrected split peak; 2)Unresolved peak; 3)tailing; 4)RT shift; 5)wrong peak selected; 6)other	NA
9. Have alternate hits/manual integrations been verified as correct and are correct RFs listed in CCAL summary?	✓				NA
10. Is the first IS documented correctly on the log?		✓			✓
11. Is the ICAL date & time on the CCAL correct?		✓			✓
12. Elution order checked on isomeric pairs?					
• dichlorodifluoromethane / 1,2-dichlorotetrafluoroethane		✓			✓
• trichlorofluoromethane / 1,1,2-trichlorotrifluoroethane		✓			✓
• vinyl acetate / hexane		✓			✓
• cis- and trans- isomers		✓			✓
• ethyl benzene / m/p-xylene / o-xylene		✓			✓
• 4-ethyl toluene/1,3,5-trimethylbenzene/1,2,4-trimethylbenzene		✓			✓
• 1,3- , 1,4- , and 1,2-dichlorobenzene		✓			✓
13. Did the LCS meet criteria (nonpolar target analytes 70-130%, with up to 2 nonpolars 60-140%; polar target analytes 60-140%, with up to 2 polars 45-155%)?		✓		□ [lcs6] LCS analyte(s) flagged as being outside control limits, but SOP allows 2 polars and 2 nonpolars outside 70-130%R.	✓
14. If criteria were not met, was a NCM generated, approved by supervisor, and copy included in folder?	✓				NA
15. Does the CCAL folder contain **complete** data in the following order: data review checklist, a **complete** runlog, Entech report, tune pass/fail page, m/z list, tune chromatogram, Target CCAL summary, Quan report, chromatogram, manual integrations and leak check report.		✓			✓

Analyst:	Date: 2-27-08	2nd Level Reviewer:	Date: 02/28/08
Comments: No leak check		Comments:	

TestAmerica Knoxville
TO-14/15 RUN LOG

GCMS Analysis: TO-14/15 Inst: MG

Analyst: VMM Qtims Batch: TM: 80581041 / U6: 80581060

Date: 2-26-08 ICAL Batch: VG021808I Target Batch: G022608 IS #1 Area: 249595

VMM 2-26-08

Surr/IS ID & Vol.: V1760/20mL System Date/Time ok (y/n): ✓

Preventive Maintenance Performed ☒ Daily

Time	Use	Lot No.	File ID	Can #	Pos	Vol* (mL)	Can DF	Comments
0639	✓	TUNE	GBFBB26C	—	+	—	1	
0707	N	CCV	GCCVB26	CX1789	15	80		
0750	✓	CCV	GCCVB26A					
↓	✓	LCS	GLCSB26A	↓	↓	↓		
0849	N	BLK	BLANK	—	16	500		
0933	✓	BLK	GBLKB26	—	16	↓	↓	
1012	✓	1pt CAL.	NYEXTRA	CX1705	STD 20 2/28/08	20	1	newyork.
		H8B210257	KHFXF1AA		1	500		seneca
			XL		2	760	1.52	
1107 Run 2/26/08			XA		3	500		
			XQ		4			
			XV		5			
1515	✓		XW	6677	6		1	
1557	✓		XØ	9805B	7			
1637	✓		X1	12212	8			
1716	✓	H8B220225	KHH5P1AA	93289	9			nysdec
1756	✓		5V	1005N	10			
1835	✓		5W	6581	11			
1914	✓		5X	1302N	12			
1953	✓		52	12158	13			
2032	✓		55	2968	14			
2111	✓		59	62337N	15			
1151	✓	H8B220261	KHJCN1AA	1514	1	200	1	
1231	✓		AN	04223	2	500	1	
1312	✓		AØ	93241	3	↓	↓	
1353	✓		CE	6661	4			
1435	✓	↓	CJ	12624	5	730	1.46	
2151	dup	H8B220225	KHH59D	62337N	15	500	1	↑ IS OK as Dup.
						VMM 2-26-08		cont'd on next page

* Entech programmed Volume. If the Entech report amount differs from the programmed amount by >5%, the Entech report amount is used for calulations.

Analyst: VMM Date: 2-27-08

TestAmerica Knoxville
TO-14/15 RUN LOG

*cont'd from previous page

GCMS Analysis: TO-14/15 Inst: MG

Analyst: KM Qtims Batch: 7M 8058104 / 8058106

Date: 2-26-08 ICAL Batch: 6021808T Target Batch: 6022608 IS #1 Area: 249595

Surr/IS ID & Vol.: V176/20mL System Date/Time ok (y/n): —

Preventive Maintenance Performed ☒ Daily

Time	Use	Lot No.	File ID	Can #	Pos	Vol* (mL)	Can DF	Comments
2226	✓	H8B250132	K1K1441AA	3269N	1	36	1.78	to14mj.sub
2304	✓	H8B160107	K67MW1AA	1130	2	276	1.38	
2340	✓	↓	↓ MX ↓	1144	3	200	1	
0016	✓	↓	↓ MO ↓	06674	4	↓	↓	
0056	N	BLKWL	7399	2996	5	500	1	mtp @ 0.7
0136	N	↓	7399R	↓	↓	↓	↓	
0215	✓	↓	7402	6367	16	↓	↓	
0254	OK	↓	7402R	↓	↓	↓	↓	

KM 2-27-08

* Entech programmed Volume. If the Entech report amount differs from the programmed amount by >5%, the Entech report amount is used for calulations.

Analyst: KM Date: 2-27-08

Test America - Knoxville

Entech Autosampler Log

Sample	Position	Volume	AnDate	AnTime
BFB	16	0	2/26/2008	6:39
CCV	15	80	2/26/2008	7:07
CCV	15	80	2/26/2008	7:50
BLK	16	501	2/26/2008	8:49
BLK	16	500	2/26/2008	9:33
CX1705	16	20	2/26/2008	10:12
KHJCN	1	201	2/26/2008	11:51
KHJAN	2	500	2/26/2008	12:31
KHJA0	3	501	2/26/2008	13:12
KHJCE	4	502	2/26/2008	13:53
KHJCJ	5	731	2/26/2008	14:35
KHFXW	6	500	2/26/2008	15:15
KHFX0	7	500	2/26/2008	15:57
KHFX1	8	501	2/26/2008	16:37
KHH5P	9	502	2/26/2008	17:16
KHH5V	10	500	2/26/2008	17:56
KHH5W	11	502	2/26/2008	18:35
KHH5X	12	500	2/26/2008	19:14
KHH52	13	502	2/26/2008	19:53
KHH55	14	501	2/26/2008	20:32
KHH59	15	501	2/26/2008	21:11
KHH59	15	501	2/26/2008	21:51
KHk44	1	36	2/26/2008	22:26
KG7MW	2	277	2/26/2008	23:04
KG7MX	3	201	2/26/2008	23:40
KG7M0	4	200	2/27/2008	0:16
7399	5	500	2/27/2008	0:56
7399	5	501	2/27/2008	1:36
7402	16	500	2/27/2008	2:15
7402	16	500	2/27/2008	2:54

Data File: /chem/gcms/mg.i/G022608.b/gbfbb26.d

Date : 26-FEB-2008 06:39

Client ID: BFB

Instrument: mg.i

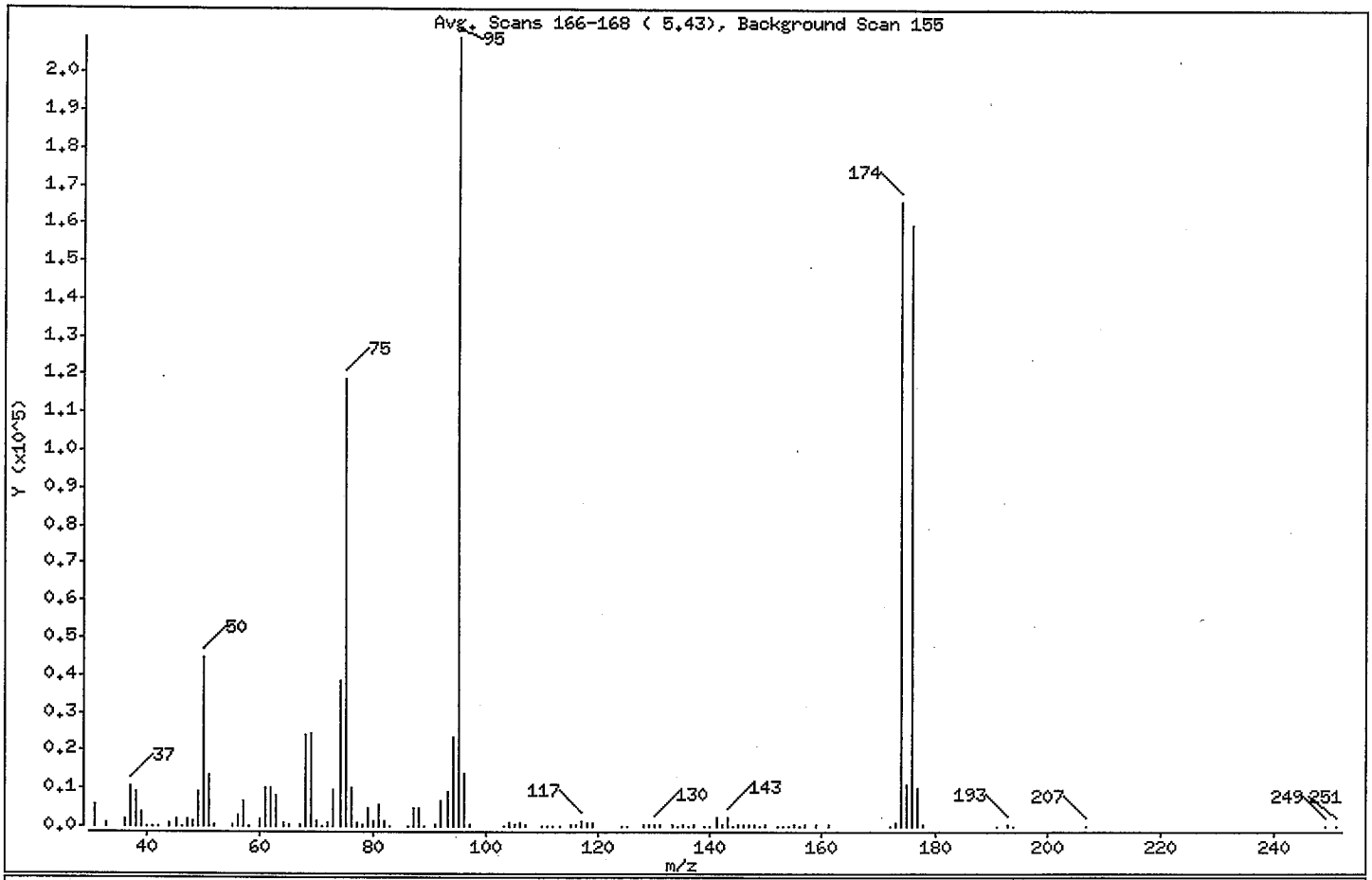
Sample Info: BFB,,3,,,BFB

Operator: 3386

Column phase: RTX-5

Column diameter: 0.32

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	21.48
75	30.00 - 60.00% of mass 95	56.87
96	5.00 - 9.00% of mass 95	6.57
173	Less than 2.00% of mass 174	0.36 (0.45)
174	50.00 - 120.00% of mass 95	79.25
175	5.00 - 9.00% of mass 174	5.39 (6.80)
176	95.00 - 101.00% of mass 174	76.42 (96.42)
177	5.00 - 9.00% of mass 176	4.90 (6.41)

Data File: /chem/gcms/mg.i/G022608.b/gbfbb26.d

Date : 26-FEB-2008 06:39

Client ID: BFB

Instrument: mg.i

Sample Info: BFB,,3,,,BFB

Operator: 3386

Column phase: RTX-5

Column diameter: 0.32

Data File: gbfbb26.d
Spectrum: Avg. Scans 166-168 (5.43), Background Scan 155
Location of Maximum: 95.00
Number of points: 114

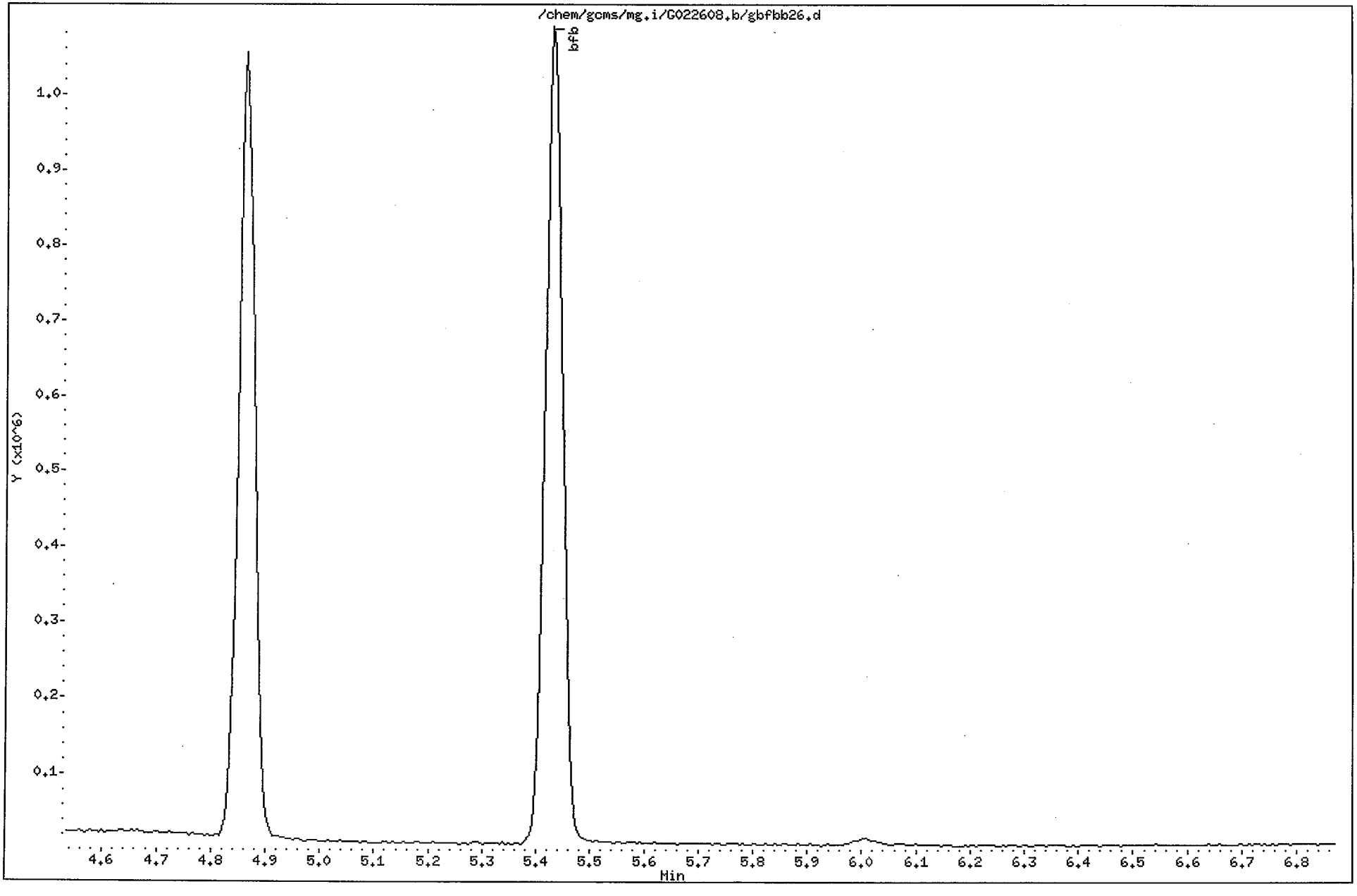
m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	5807	68.00	24128	105.00	387	145.00	261
33.00	1017	69.00	24480	106.00	726	146.00	353
36.00	1984	70.00	1592	107.00	262	147.00	243
37.00	10489	71.00	121	110.00	220	148.00	542
38.00	9365	72.00	1184	111.00	207	149.00	218
39.00	3907	73.00	9733	112.00	111	150.00	251
40.00	105	74.00	38368	113.00	99	152.00	124
41.00	108	75.00	119008	115.00	249	153.00	53
42.00	112	76.00	9947	116.00	646	154.00	162
44.00	806	77.00	830	117.00	1345	155.00	575
45.00	2139	78.00	385	118.00	771	156.00	110
46.00	81	79.00	4986	119.00	1058	157.00	455
47.00	1691	80.00	1519	124.00	58	159.00	320
48.00	1353	81.00	5979	125.00	177	161.00	437
49.00	9290	82.00	1301	128.00	645	172.00	186
50.00	44944	83.00	220	129.00	394	173.00	750
51.00	13240	86.00	77	130.00	713	174.00	165824
52.00	586	87.00	5024	131.00	365	175.00	11280
55.00	541	88.00	4858	133.00	366	176.00	159872
56.00	2946	89.00	50	134.00	67	177.00	10258
57.00	6595	91.00	584	135.00	339	178.00	359
58.00	230	92.00	6952	136.00	65	191.00	136
60.00	1922	93.00	9191	137.00	489	193.00	424
61.00	10131	94.00	23640	139.00	73	194.00	53
62.00	10082	95.00	209216	140.00	143	207.00	101
63.00	8256	96.00	13740	141.00	2472	249.00	108
64.00	811	97.00	452	142.00	272	251.00	97
65.00	242	103.00	161	143.00	2560		
67.00	486	104.00	929	144.00	74		

Data File: /chem/gcms/mg.i/G022608.b/gbfbb26.d
Date : 26-FEB-2008 06:39
Client ID: BFB
Sample Info: BFB,,3,,,BFB

Instrument: mg.i

Operator: 3386
Column diameter: 0.32

Column phase: RTX-5



Data File: /var/chem/gcms/mg.i/G022608.b/gccvb26a.d
Report Date: 27-Feb-2008 09:42

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mg.i
Lab File ID: gccvb26a.d
Analysis Type: AIR
Lab Sample ID: CCV
Method: /var/chem/gcms/mg.i/G022608.b/TO155.m

Injection Date: 26-FEB-2008 07:50
Init. Cal. Date(s): 18-FEB-2008 26-FEB-2008
Init. Cal. Times: 20:52 10:12
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 4 1,2-Dichloroethane-d4	0.27397	0.26056	0.26056	0.000	4.89659	30.00000	Averaged	
$ 5 Toluene-d8	0.86582	0.92094	0.92094	0.000	-6.36546	30.00000	Averaged	
$ 6 4-Bromofluorobenzene	0.72285	0.77373	0.77373	0.000	-7.03996	30.00000	Averaged	
7 Chlorodifluoromethane	0.42078	0.38283	0.38283	0.000	9.01832	30.00000	Averaged	
8 Propene	0.95923	0.68396	0.68396	0.000	28.69687	30.00000	Averaged	
9 Dichlorodifluoromethane	3.69052	3.54437	3.54437	0.000	3.96017	30.00000	Averaged	
10 Chloromethane	0.26182	0.25592	0.25592	0.000	2.25270	30.00000	Averaged	
11 1,2-Dichlorotetrafluoroetha	1.59074	1.26638	1.26638	0.000	20.39033	30.00000	Averaged	
12 Methanol	0.18981	0.26308	0.26308	0.000	-38.60437	30.00000	Averaged	<- NT
13 Vinyl Chloride	1.01197	0.93969	0.93969	0.000	7.14188	30.00000	Averaged	
14 n-Butane	1.50520	1.43246	1.43246	0.000	4.83201	30.00000	Averaged	
15 1,3-Butadiene	0.67165	0.66922	0.66922	0.000	0.36149	30.00000	Averaged	
16 Bromomethane	1.19499	0.96278	0.96278	0.000	19.43201	30.00000	Averaged	
17 Chloroethane	0.67781	0.52435	0.52435	0.000	22.64075	30.00000	Averaged	
18 Vinyl Bromide	1.23507	1.00956	1.00956	0.000	18.25915	30.00000	Averaged	
19 2-methyl butane	1.40993	1.13736	1.13736	0.000	19.33236	30.00000	Averaged	
20 Trichlorofluoromethane	4.25731	3.82768	3.82768	0.000	10.09154	30.00000	Averaged	
21 Acrolein	0.26870	0.19660	0.19660	0.000	26.83235	30.00000	Averaged	
22 Acetonitrile	0.41302	0.29110	0.29110	0.000	29.52038	30.00000	Averaged	
23 Acetone	0.45323	0.35092	0.35092	0.000	22.57328	30.00000	Averaged	
24 Pentane	0.23346	0.19619	0.19619	0.000	15.96283	30.00000	Averaged	
25 Isopropyl Alcohol	2.38516	1.86801	1.86801	0.000	21.68203	30.00000	Averaged	
26 Ethyl Ether	0.99928	0.94011	0.94011	0.000	5.92094	30.00000	Averaged	
27 1,1-Dichloroethene	1.24112	0.89205	0.89205	0.000	28.12532	30.00000	Averaged	
28 Acrylonitrile	0.60335	0.48894	0.48894	0.000	18.96336	30.00000	Averaged	
29 tert-butanol	3.36743	2.78330	2.78330	0.000	17.34641	30.00000	Averaged	
30 1,1,2-Trichlorotrifluoroeth	2.66453	2.22069	2.22069	0.000	16.65749	30.00000	Averaged	
31 Methylene Chloride	1.13026	0.88404	0.88404	0.000	21.78461	30.00000	Averaged	
32 3-Chloropropene	1.40383	1.25138	1.25138	0.000	10.85964	30.00000	Averaged	
33 Carbon Disulfide	3.49543	3.09219	3.09219	0.000	11.53602	30.00000	Averaged	
34 trans-1,2-Dichloroethene	1.43227	1.18794	1.18794	0.000	17.05839	30.00000	Averaged	
35 Methyl-t-Butyl Ether	2.44724	2.45779	2.45779	0.000	-0.43077	30.00000	Averaged	
36 1,1-Dichloroethane	2.44167	2.23386	2.23386	0.000	8.51071	30.00000	Averaged	
37 Vinyl Acetate	1.87064	1.42467	1.42467	0.000	23.84035	30.00000	Averaged	
38 Hexane	1.04667	0.91339	0.91339	0.000	12.73434	30.00000	Averaged	

Data File: /var/chem/gcms/mg.i/G022608.b/gccvb26a.d
Report Date: 27-Feb-2008 09:42

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mg.i
Lab File ID: gccvb26a.d
Analysis Type: AIR
Lab Sample ID: CCV
Method: /var/chem/gcms/mg.i/G022608.b/TO155.m

Injection Date: 26-FEB-2008 07:50
Init. Cal. Date(s): 18-FEB-2008 26-FEB-2008
Init. Cal. Times: 20:52 10:12
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
39 2-Butanone	0.38471	0.33243	0.33243	0.000	13.58970	30.00000	Averaged
40 cis 1,2-Dichloroethene	1.31697	1.18370	1.18370	0.000	10.11958	30.00000	Averaged
41 Ethyl acetate	1.70967	1.45940	1.45940	0.000	14.63851	30.00000	Averaged
42 Chloroform	2.90664	2.91109	2.91109	0.000	-0.15294	30.00000	Averaged
43 Tetrahydrofuran	0.91077	0.77583	0.77583	0.000	14.81627	30.00000	Averaged
44 1,1,1-Trichloroethane	3.15585	3.36563	3.36563	0.000	-6.64748	30.00000	Averaged
45 1,2-Dichloroethane	0.63119	0.63663	0.63663	0.000	-0.86250	30.00000	Averaged
46 Cyclohexane	0.17265	0.14594	0.14594	0.000	15.47020	30.00000	Averaged
47 Benzene	1.03339	0.89062	0.89062	0.000	13.81530	30.00000	Averaged
48 1-Butanol	0.17371	0.14000	0.14000	0.000	19.40591	30.00000	Averaged
49 Carbon Tetrachloride	0.92080	0.91136	0.91136	0.000	1.02526	30.00000	Averaged
50 2,2,4-trimethylpentane	1.65260	1.48551	1.48551	0.000	10.11072	30.00000	Averaged
51 Heptane	0.66080	0.56270	0.56270	0.000	14.84458	30.00000	Averaged
52 1,2-Dichloropropane	0.32225	0.30658	0.30658	0.000	4.86431	30.00000	Averaged
53 Trichloroethene	0.64409	0.61326	0.61326	0.000	4.78624	30.00000	Averaged
54 Dibromomethane	0.48264	0.43714	0.43714	0.000	9.42788	30.00000	Averaged
55 Bromodichloromethane	0.84233	0.82096	0.82096	0.000	2.53724	30.00000	Averaged
56 1,4-dioxane	0.21419	0.18253	0.18253	0.000	14.78260	30.00000	Averaged
57 methyl methacrylate	0.31385	0.27094	0.27094	0.000	13.67431	30.00000	Averaged
58 4-Methyl-2-pentanone	0.72384	0.59976	0.59976	0.000	17.14220	30.00000	Averaged
59 cis-1,3-Dichloropropene	0.57164	0.54173	0.54173	0.000	5.23240	30.00000	Averaged
60 trans-1,3-Dichloropropene	0.70634	0.70601	0.70601	0.000	0.04635	30.00000	Averaged
61 Toluene	4.30948	4.00000	1.10985	0.000	-7.73710	30.00000	Linear
62 1,1,2-Trichloroethane	0.40892	0.40295	0.40295	0.000	1.46175	30.00000	Averaged
63 2-Hexanone	0.42658	0.33205	0.33205	0.000	22.15898	30.00000	Averaged
64 Octane	0.49214	0.39875	0.39875	0.000	18.97672	30.00000	Averaged
65 Dibromochloromethane	0.86962	0.87566	0.87566	0.000	-0.69411	30.00000	Averaged
66 1,2-Dibromoethane	0.74424	0.73969	0.73969	0.000	0.61053	30.00000	Averaged
67 Tetrachloroethene	0.56068	0.48750	0.48750	0.000	13.05297	30.00000	Averaged
68 Chlorobenzene	1.08388	1.00289	1.00289	0.000	7.47207	30.00000	Averaged
69 Ethylbenzene	1.40988	1.27984	1.27984	0.000	9.22339	30.00000	Averaged
70 m&p-Xylene	1.15684	0.96281	0.96281	0.000	16.77210	30.00000	Averaged
71 Nonane	0.92786	0.77419	0.77419	0.000	16.56209	30.00000	Averaged
72 Bromoform	0.80656	0.90481	0.90481	0.000	-12.18186	30.00000	Averaged
73 Styrene	0.78311	0.72568	0.72568	0.000	7.33413	30.00000	Averaged

Data File: /var/chem/gcms/mg.i/G022608.b/gccvb26a.d
Report Date: 27-Feb-2008 09:42

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mg.i
Lab File ID: gccvb26a.d
Analysis Type: AIR
Lab Sample ID: CCV
Method: /var/chem/gcms/mg.i/G022608.b/TO155.m

Injection Date: 26-FEB-2008 07:50
Init. Cal. Date(s): 18-FEB-2008 26-FEB-2008
Init. Cal. Times: 20:52 10:12
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
74 o-Xylene	1.19142	1.00030	1.00030	0.000	16.04146	30.00000	Averaged	
75 1,1,2,2-Tetrachloroethane	0.92380	0.69030	0.69030	0.000	25.27627	30.00000	Averaged	
76 1,2,3-Trichloropropane	0.29662	0.25737	0.25737	0.000	13.23303	30.00000	Averaged	
77 Cumene	1.76473	1.46123	1.46123	0.000	17.19788	30.00000	Averaged	
78 n-Propylbenzene	0.48220	0.38189	0.38189	0.000	20.80395	30.00000	Averaged	
79 2-chlorotoluene	0.48766	0.44996	0.44996	0.000	7.73145	30.00000	Averaged	
80 4-Ethyltoluene	1.86042	1.51691	1.51691	0.000	18.46416	30.00000	Averaged	
81 1,3,5-Trimethylbenzene	0.74836	0.56570	0.56570	0.000	24.40839	30.00000	Averaged	
82 Alpha-Methylstyrene	0.70278	0.59694	0.59694	0.000	15.06114	30.00000	Averaged	
83 Decane	1.26899	1.07221	1.07221	0.000	15.50693	30.00000	Averaged	
84 tert-butylbenzene	1.74023	1.40118	1.40118	0.000	19.48277	30.00000	Averaged	
85 1,2,4-Trimethylbenzene	1.72625	1.34774	1.34774	0.000	21.92651	30.00000	Averaged	
86 sec-butylbenzene	2.47400	1.91120	1.91120	0.000	22.74845	30.00000	Averaged	
87 1,3-Dichlorobenzene	1.27346	1.11785	1.11785	0.000	12.21928	30.00000	Averaged	
88 Benzyl Chloride	1.48403	1.31036	1.31036	0.000	11.70245	30.00000	Averaged	
89 1,4-Dichlorobenzene	1.23789	1.07417	1.07417	0.000	13.22544	30.00000	Averaged	
90 p-Cymene	2.22084	1.70179	1.70179	0.000	23.37185	30.00000	Averaged	
91 1,2-Dichlorobenzene	1.30564	1.02984	1.02984	0.000	21.12427	30.00000	Averaged	
92 n-butylbenzene	2.16516	1.55891	1.55891	0.000	28.00048	30.00000	Averaged	
93 Undecane	1.53830	0.99306	0.99306	0.000	35.44437	30.00000	Averaged	<- NT
94 Dodecane	1.53473	0.83721	0.83721	0.000	45.44904	30.00000	Averaged	<-
95 1,2,4-Trichlorobenzene	1.15352	0.73208	0.73208	0.000	36.53560	30.00000	Averaged	<-
96 Napthalene	2.49236	1.49936	1.49936	0.000	39.84156	30.00000	Averaged	<-
97 Hexachlorobutadiene	1.24398	0.91948	0.91948	0.000	26.08572	30.00000	Averaged	
98 1.2.3-trichlorobenzene	1.16369	0.64935	0.64935	0.000	44.19883	30.00000	Averaged	<- NT

Data File: /var/chem/gcms/mg.i/G022608.b/gccvb26a.d
Report Date: 27-Feb-2008 09:42

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/gccvb26a.d
Lab Smp Id: CCV Client Smp ID: CCV
Inj Date : 26-FEB-2008 07:50
Operator : 3386 Inst ID: mg.i
Smp Info : CCV,,2,5,,CCV
Misc Info : G022608,TO155,,,,,
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 27-Feb-2008 09:42 layk Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 23 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	200.00000	Default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
*	1 Bromochloromethane	128	9.475	9.475	(1.000)	249595	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.621	11.621	(1.000)	931673	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.280	16.280	(1.000)	803231	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.489	10.489	(0.903)	242754	4.00000	3.804
$	5 Toluene-d8	98	14.215	14.215	(0.873)	739725	4.00000	4.255
$	6 4-Bromofluorobenzene	95	17.892	17.892	(1.099)	621487	4.00000	4.282
	7 Chlorodifluoromethane	67	3.964	3.964	(0.418)	95552	4.00000	3.639
	8 Propene	41	3.975	3.975	(0.419)	170713	4.00000	2.852
	9 Dichlorodifluoromethane	85	4.034	4.034	(0.426)	884656	4.00000	3.842
	10 Chloromethane	52	4.239	4.239	(0.447)	63877	4.00000	3.910
	11 1,2-Dichlorotetrafluoroethane	135	4.239	4.239	(0.447)	316083	4.00000	3.184
	12 Methanol	31	4.368	4.368	(0.461)	65663	4.00000	5.544
	13 Vinyl Chloride	62	4.428	4.428	(0.467)	234543	4.00000	3.714
	14 n-Butane	43	4.525	4.525	(0.478)	357536	4.00000	3.807
	15 1,3-Butadiene	54	4.525	4.525	(0.478)	167035	4.00000	3.986

Data File: /var/chem/gcms/mg.i/G022608.b/gccvb26a.d
Report Date: 27-Feb-2008 09:42

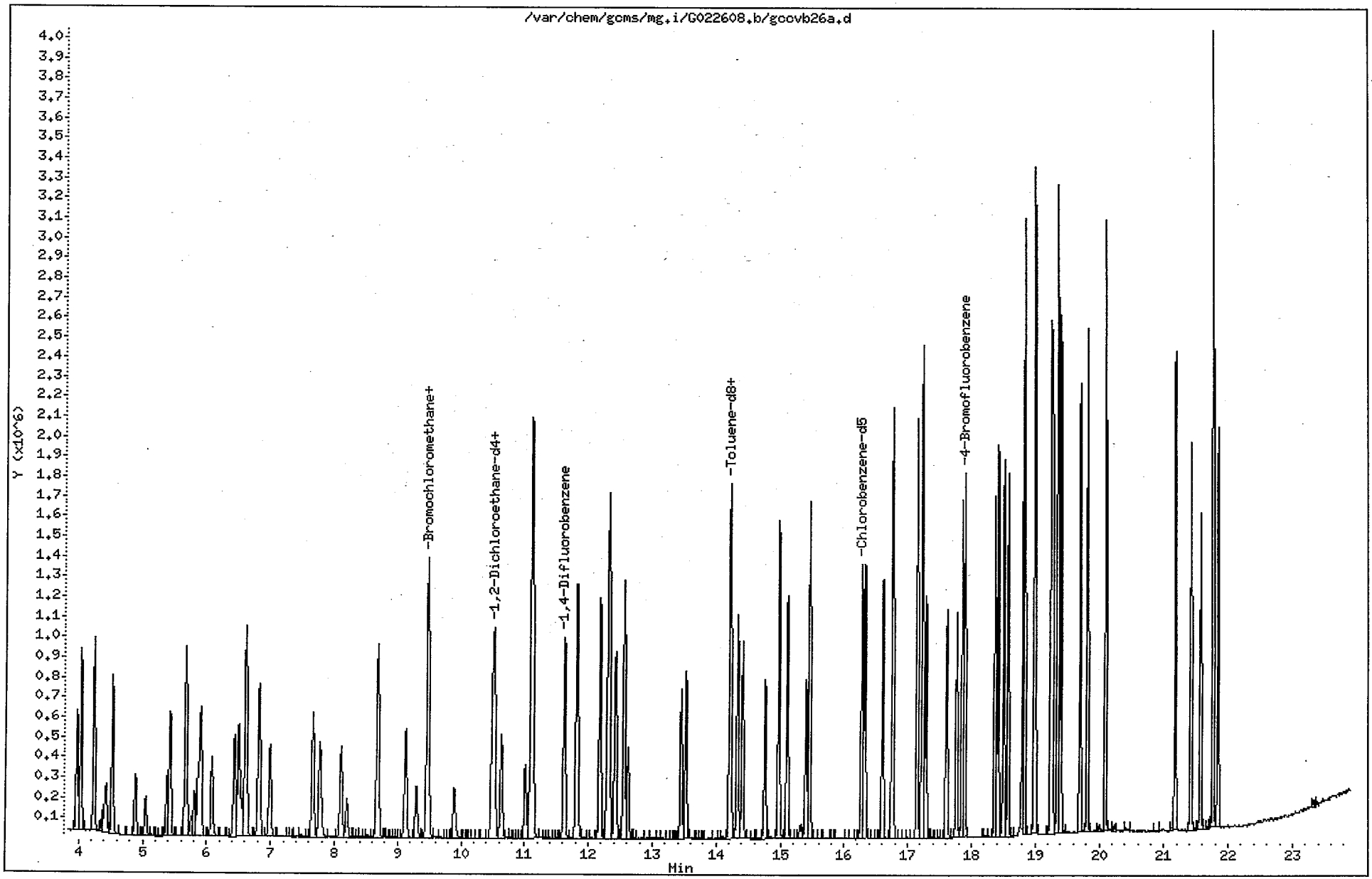
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
16 Bromomethane	94	4.891	4.891	(0.516)	240304	4.00000	3.223
17 Chloroethane	64	5.042	5.042	(0.532)	130874	4.00000	3.094
18 Vinyl Bromide	106	5.382	5.382	(0.568)	251981	4.00000	3.270
19 2-methyl butane	43	5.425	5.425	(0.573)	283879	4.00000	3.227
20 Trichlorofluoromethane	101	5.668	5.668	(0.598)	955370	4.00000	3.596
21 Acrolein	56	5.679	5.679	(0.599)	49071	4.00000	2.927
22 Acetonitrile	40	5.760	5.760	(0.608)	72656	4.00000	2.819
23 Acetone	58	5.808	5.808	(0.613)	87588	4.00000	3.097
24 Pentane	72	5.905	5.905	(0.623)	48968	4.00000	3.361
25 Isopropyl Alcohol	45	5.867	5.867	(0.619)	466246	4.00000	3.133
26 Ethyl Ether	31	6.078	6.078	(0.641)	234647	4.00000	3.763
27 1,1-Dichloroethene	96	6.434	6.434	(0.679)	222651	4.00000	2.875
28 Acrylonitrile	53	6.547	6.547	(0.691)	122036	4.00000	3.241
29 tert-butanol	59	6.498	6.498	(0.686)	694698	4.00000	3.306
30 1,1,2-Trichlorotrifluoroethane	101	6.612	6.612	(0.698)	554273	4.00000	3.334
31 Methylene Chloride	84	6.811	6.811	(0.719)	220652	4.00000	3.129
32 3-Chloropropene	39	6.827	6.827	(0.721)	312337	4.00000	3.566
33 Carbon Disulfide	76	6.989	6.989	(0.738)	771796	4.00000	3.538
34 trans-1,2-Dichloroethene	96	7.663	7.663	(0.809)	296505	4.00000	3.318
35 Methyl-t-Butyl Ether	73	7.771	7.771	(0.820)	613451	4.00000	4.017
36 1,1-Dichloroethane	63	8.105	8.105	(0.855)	557561	4.00000	3.660
37 Vinyl Acetate	43	8.197	8.197	(0.865)	355591	4.00000	3.046
38 Hexane	56	8.682	8.682	(0.916)	227977	4.00000	3.491
39 2-Butanone	72	8.671	8.671	(0.915)	82972	4.00000	3.456
40 cis 1,2-Dichloroethene	96	9.124	9.124	(0.963)	295445	4.00000	3.595
41 Ethyl acetate	43	9.297	9.297	(0.981)	364258	4.00000	3.414
42 Chloroform	83	9.480	9.480	(1.001)	726593	4.00000	4.006
43 Tetrahydrofuran	42	9.885	9.885	(1.043)	193643	4.00000	3.407
44 1,1,1-Trichloroethane	97	10.521	10.521	(1.110)	840045	4.00000	4.266
45 1,2-Dichloroethane	62	10.634	10.634	(0.915)	593133	4.00000	4.034
46 Cyclohexane	69	11.103	11.103	(0.955)	135966	4.00000	3.381
47 Benzene	78	11.109	11.109	(0.956)	829767	4.00000	3.447
48 1-Butanol	31	11.012	11.012	(0.948)	130431	4.00000	3.224
49 Carbon Tetrachloride	117	11.125	11.125	(0.957)	849090	4.00000	3.959
50 2,2,4-trimethylpentane	57	11.821	11.821	(1.017)	1384012	4.00000	3.596
51 Heptane	43	12.176	12.176	(1.048)	524256	4.00000	3.406
52 1,2-Dichloropropane	63	12.295	12.295	(1.058)	285630	4.00000	3.805
53 Trichloroethene	130	12.322	12.322	(1.060)	571362	4.00000	3.808
54 Dibromomethane	93	12.419	12.419	(1.069)	407270	4.00000	3.623
55 Bromodichloromethane	83	12.554	12.554	(1.080)	764867	4.00000	3.898
56 1,4-dioxane	88	12.554	12.554	(1.080)	170055	4.00000	3.409
57 methyl methacrylate	41	12.613	12.613	(1.085)	252424	4.00000	3.453
58 4-Methyl-2-pentanone	43	13.449	13.449	(1.157)	558778	4.00000	3.314
59 cis-1,3-Dichloropropene	75	13.525	13.525	(1.164)	504718	4.00000	3.791
60 trans-1,3-Dichloropropene	75	14.204	14.204	(0.872)	567089	4.00000	3.998
61 Toluene	91	14.328	14.328	(0.880)	891462	4.00000	4.309
62 1,1,2-Trichloroethane	97	14.409	14.409	(0.885)	323658	4.00000	3.942

Data File: /var/chem/gcms/mg.i/G022608.b/gccvb26a.d
Report Date: 27-Feb-2008 09:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
63 2-Hexanone	58	14.759	14.759	(0.907)	266714	4.00000	3.114
64 Octane	85	14.975	14.975	(0.920)	320287	4.00000	3.241
65 Dibromochloromethane	129	15.110	15.110	(0.928)	703357	4.00000	4.028
66 1,2-Dibromoethane	107	15.401	15.401	(0.946)	594143	4.00000	3.976
67 Tetrachloroethene	129	15.455	15.455	(0.949)	391572	4.00000	3.478
68 Chlorobenzene	112	16.329	16.329	(1.003)	805551	4.00000	3.701
69 Ethylbenzene	91	16.604	16.604	(1.020)	1028009	4.00000	3.631
70 m&p-Xylene	91	16.760	16.760	(1.029)	1546722	8.00000	6.658
71 Nonane	57	17.148	17.148	(1.053)	621850	4.00000	3.338
72 Bromoform	173	17.229	17.229	(1.058)	726771	4.00000	4.487
73 Styrene	104	17.224	17.224	(1.058)	582887	4.00000	3.707
74 o-Xylene	91	17.283	17.283	(1.062)	803471	4.00000	3.358
75 1,1,2,2-Tetrachloroethane	83	17.607	17.607	(1.081)	554469	4.00000	2.989
76 1,2,3-Trichloropropane	110	17.763	17.763	(1.091)	206724	4.00000	3.471
77 Cumene	105	17.855	17.855	(1.097)	1173709	4.00000	3.312
78 n-Propylbenzene	120	18.367	18.367	(1.128)	306742	4.00000	3.168
79 2-chlorotoluene	126	18.421	18.421	(1.131)	361418	4.00000	3.691
80 4-Ethyltoluene	105	18.507	18.507	(1.137)	1218428	4.00000	3.261
81 1,3,5-Trimethylbenzene	120	18.577	18.577	(1.141)	454384	4.00000	3.024
82 Alpha-Methylstyrene	118	18.798	18.798	(1.155)	479478	4.00000	3.398
83 Decane	57	18.831	18.831	(1.157)	861230	4.00000	3.380
84 tert-butylbenzene	119	18.987	18.987	(1.166)	1125474	4.00000	3.221
85 1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	1082547	4.00000	3.123
86 sec-butylbenzene	105	19.246	19.246	(1.182)	1535138	4.00000	3.090
87 1,3-Dichlorobenzene	146	19.273	19.273	(1.184)	897894	4.00000	3.511
88 Benzyl Chloride	91	19.343	19.343	(1.188)	1052523	4.00000	3.532
89 1,4-Dichlorobenzene	146	19.354	19.354	(1.189)	862808	4.00000	3.471
90 p-Cymene	119	19.397	19.397	(1.191)	1366931	4.00000	3.065
91 1,2-Dichlorobenzene	146	19.704	19.704	(1.210)	827196	4.00000	3.155
92 n-butylbenzene	91	19.817	19.817	(1.217)	1252162	4.00000	2.880
93 Undecane	57	20.098	20.098	(1.234)	797654	4.00000	2.582
94 Dodecane	57	21.176	21.176	(1.301)	672471	4.00000	2.182
95 1,2,4-Trichlorobenzene	180	21.424	21.424	(1.316)	588026	4.00000	2.538
96 Napthalene	128	21.570	21.570	(1.325)	1204335	4.00000	2.406
97 Hexachlorobutadiene	225	21.764	21.764	(1.337)	738554	4.00000	2.956
98 1.2.3-trichlorobenzene	180	21.840	21.840	(1.341)	521579	4.00000	2.232

Data File: /var/chem/gcms/mg.i/G022608.b/gccvb26a.d
Date : 26-FEB-2008 07:50
Client ID: CCV
Sample Info: CCV,,2,5,,CCV
Purge Volume: 200.0
Column phase: RTX-5

Instrument: mg.i
Operator: 3386
Column diameter: 0.32



Data File: /var/chem/gcms/mg.i/G022608.b/nyextra.d
Report Date: 26-Feb-2008 11:01

TestAmerica Knoxville

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mg.i
Lab File ID: nyextra.d
Analysis Type: AIR
Lab Sample ID: 1 POINT
Method: /var/chem/gcms/mg.i/G022608.b/TO155.m

Injection Date: 26-FEB-2008 10:12
Init. Cal. Date(s): 18-FEB-2008 26-FEB-2008
Init. Cal. Times: 20:52 10:12
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
99 ~ Thiophene	0.41883	0.41883	0.41883	0.000	1.325e-14	25.00000	Averaged
100 ~ 1,2,3-Trimethylbenzene	1.47454	1.47454	1.47454	0.000	0.000e+00	25.00000	Averaged
101 ~ Indane	1.16756	1.16756	1.16756	0.000	0.000e+00	25.00000	Averaged
102 ~ Indene	0.63119	0.63119	0.63119	0.000	1.759e-14	25.00000	Averaged
103 ~ 2-Methylnaphthalene	0.15977	0.15977	0.15977	0.000	0.000e+00	25.00000	Averaged
104 ~ 1-methylnaphthalene	0.16856	0.16856	0.16856	0.000	0.000e+00	25.00000	Averaged

Data File: /var/chem/gcms/mg.i/G022608.b/nyextra.d
Report Date: 26-Feb-2008 11:01

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/nyextra.d
Lab Smp Id: 1 POINT Client Smp ID: NY EXTRA
Inj Date : 26-FEB-2008 10:12
Operator : 3386 Inst ID: mg.i
Smp Info : 1 POINT,,1,5,,NY EXTRA
Misc Info : G022608,TO155,newyork.sub,,,,20 ML CX 1705
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 26-Feb-2008 11:01 tajh Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 26 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: newyork.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

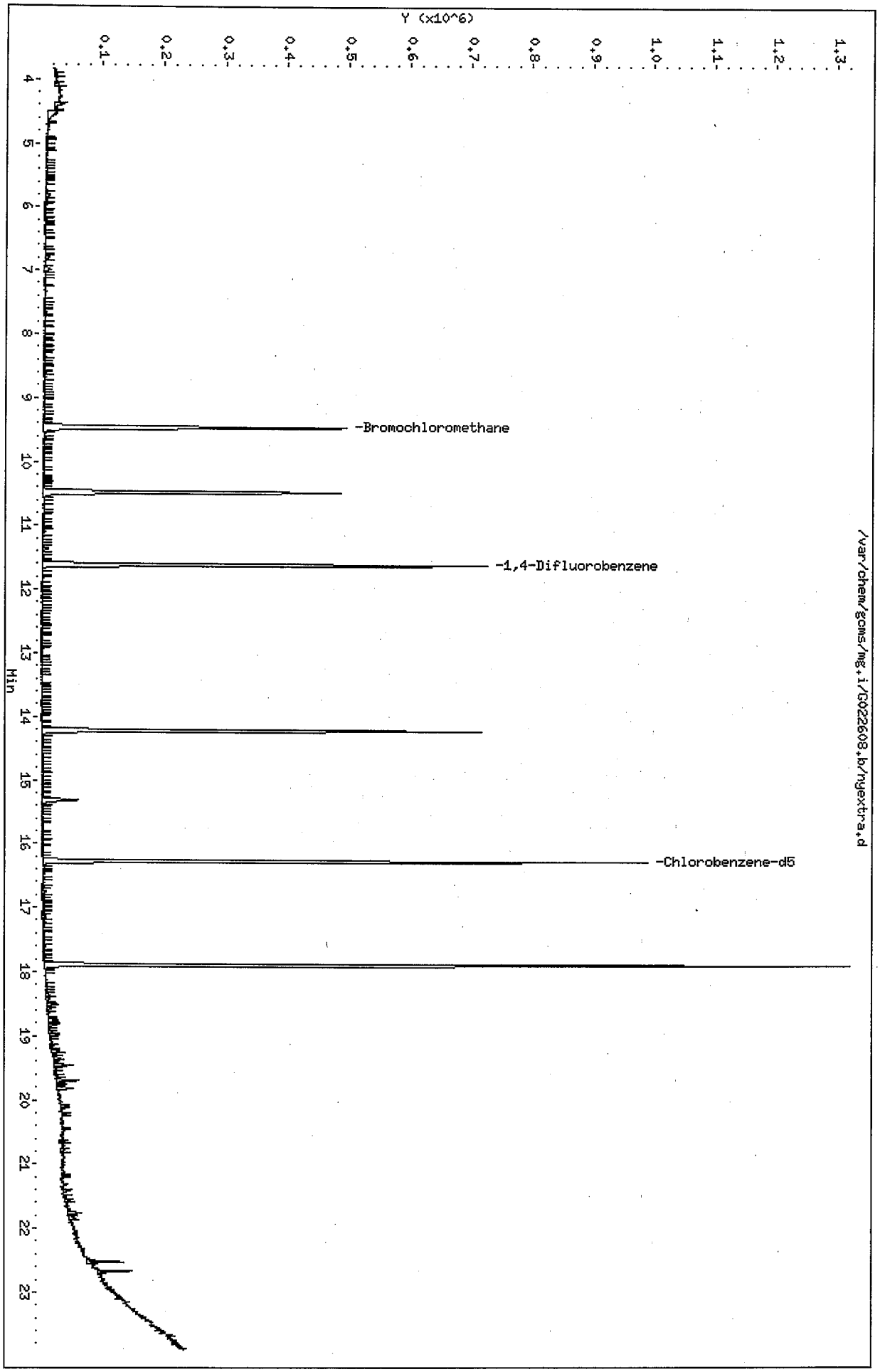
Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	500.00000	Default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb(v/v))	AMOUNTS ON-COL (ppb(v/v))
* 1 Bromochloromethane	128	9.464	9.464	(1.000)	167521	4.00000	4.000
* 2 1,4-Difluorobenzene	114	11.616	11.616	(1.000)	631508	4.00000	4.000
* 3 Chlorobenzene-d5	117	16.275	16.275	(1.000)	537988	4.00000	4.000
99 ~ Thiophene	84	11.368	11.368	(0.979)	5289	0.08000	0.08000(A)
100 ~ 1,2,3-Trimethylbenzene	105	19.456	19.456	(1.195)	15865	0.08000	0.08000(A)
101 ~ Indane	117	19.699	19.699	(1.210)	12562	0.08000	0.08000(A)
102 ~ Indene	116	19.828	19.828	(1.218)	6791	0.08000	0.08000(A)
103 ~ 2-Methylnaphthalene	142	22.524	22.524	(1.384)	17190	0.80000	0.8000(A)
104 ~ 1-methylnaphthalene	142	22.670	22.670	(1.393)	18136	0.80000	0.8000(A)

QC Flag Legend

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


Data File: /var/chem/gcms/mg.i/G022608.b/nyextra.d
Date : 26-FEB-2008 10:12
Client ID: NY EXTRA
Sample Info: 1 POINT,1.5,NY EXTRA
Purge Volume: 500.0
Column phase: RTX-5
Instrument: mg.i
Operator: 3386
Column diameter: 0.32
Y (x10^6)
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
4
5
6
7
8
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18
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21
22
23
Min
/var/chem/gcms/mg.i/G022608.b/nyextra.d
-Bromochloromethane
-1,4-Difluorobenzene
-Chlorobenzene-d5

Raw QC Data

TestAmerica Buffalo

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H8B260000 - 051B **Work Order #** KHLLK1AA **Matrix.....:** AIR

Prep Date.....: 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1

Date Received..: 2/21/08
Analysis Date... 2/25/08

Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.080	ND		0.56
Ethylbenzene	ND	0.080	ND		0.35
Trichlorofluoromethane	ND	0.080	ND		0.45
n-Heptane	ND	0.20	ND		0.82
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	ND	0.20	ND		0.70
2,2,4-Trimethylpentane	ND	0.20	ND		0.93
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.061**	**0.20**	**0.21**	**J**	**0.69**
Naphthalene	ND	0.16	ND		0.84
Benzene	ND	0.080	ND		0.26
n-Octane	ND	0.16	ND		0.75
Pentane	ND	0.32	ND		0.94
Styrene	ND	0.080	ND		0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	ND	0.080	ND		0.54
Toluene	ND	0.080	ND		0.30
1,2,4-Trichlorobenzene	ND	0.40	ND		0.59
1,1,1-Trichloroethane	ND	0.080	ND		0.44
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	ND	0.080	ND		0.39
1,3,5-Trimethylbenzene	ND	0.080	ND		0.39
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	ND	0.080	ND		0.35
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	ND	0.40	ND		2.3
n-Dodecane	ND	0.40	ND		2.8
n-Undecane	ND	0.40	ND		2.6
1,1,2-Trichlorotrifluoroethane	ND	0.080	ND		0.61
Nonane	ND	0.16	ND		0.84
m-Xylene & p-Xylene	ND	0.080	ND		0.35
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	ND	0.16	ND		0.38
Bromomethane	ND	0.080	ND		0.31
Carbon tetrachloride	ND	0.080	ND		0.25
Chlorobenzene	ND	0.080	ND		0.37
Chloroethane	ND	0.080	ND		0.21

TestAmerica Buffalo

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H8B260000 - 051B **Work Order #** KHLLK1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloroform	ND	0.080	ND	0.39
Chloromethane	ND	0.20	ND	0.41
2-Methylbutane	ND	0.20	ND	0.59
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	ND	0.080	ND	0.40
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
None		

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	116	70 - 130
Toluene-d8	104	70 - 130
4-Bromofluorobenzene	104	70 - 130

Qualifiers

J Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022508.b/eblkb25.d
Report Date: 26-Feb-2008 08:16

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/eblkb25.d
Lab Smp Id: KHLLK1AA
Inj Date : 25-FEB-2008 09:49
Operator : 7126 Inst ID: me.i
Smp Info : KHLLK1AA,,3,,,,BLANK
Misc Info : E022508,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 08:15 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 26 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
*	1 Bromochloromethane	128	8.433	8.433	(1.000)	89636	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.627	10.628	(1.000)	444696	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	388070	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.412	9.406	(0.886)	187796	4.64863	4.649
$	5 Toluene-d8	98	13.317	13.317	(0.864)	472361	4.17708	4.177
$	6 4-Bromofluorobenzene	95	17.078	17.078	(1.108)	448900	4.14888	4.149
	10 Chloromethane	52	3.779	3.892	(0.448)	858	0.08189	~~0.08189~~
	14 n-Butane	43	4.032	4.129	(0.478)	2174	0.04551	~~0.04551~~
	16 Bromomethane	94	4.409	4.414	(0.523)	797	0.01915	~~0.01915~~
	31 Methylene Chloride	84	6.023	6.023	(0.714)	1500	0.06129	~~0.06129~~
	60 trans-1,3-Dichloropropene	75	13.323	13.307	(0.864)	1008	0.02086	0.02086

OK 0.06129

2/26/08

Data File: /var/chem/gcms/me.i/E022508.b/eblkb25.d
Report Date: 26-Feb-2008 08:16

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: eblkb25.d
Lab Smp Id: KHLLK1AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022508.b/TO155.m
Misc Info: E022508,TO155,,,500 ML

Calibration Date: 25-FEB-2008
Calibration Time: 08:09

Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	94875	56451	133299	89636	-5.52
2 1,4-Difluorobenze	467871	278383	657359	444696	-4.95
3 Chlorobenzene-d5	430258	256004	604512	388070	-9.81

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.43	0.00
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.00
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	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.

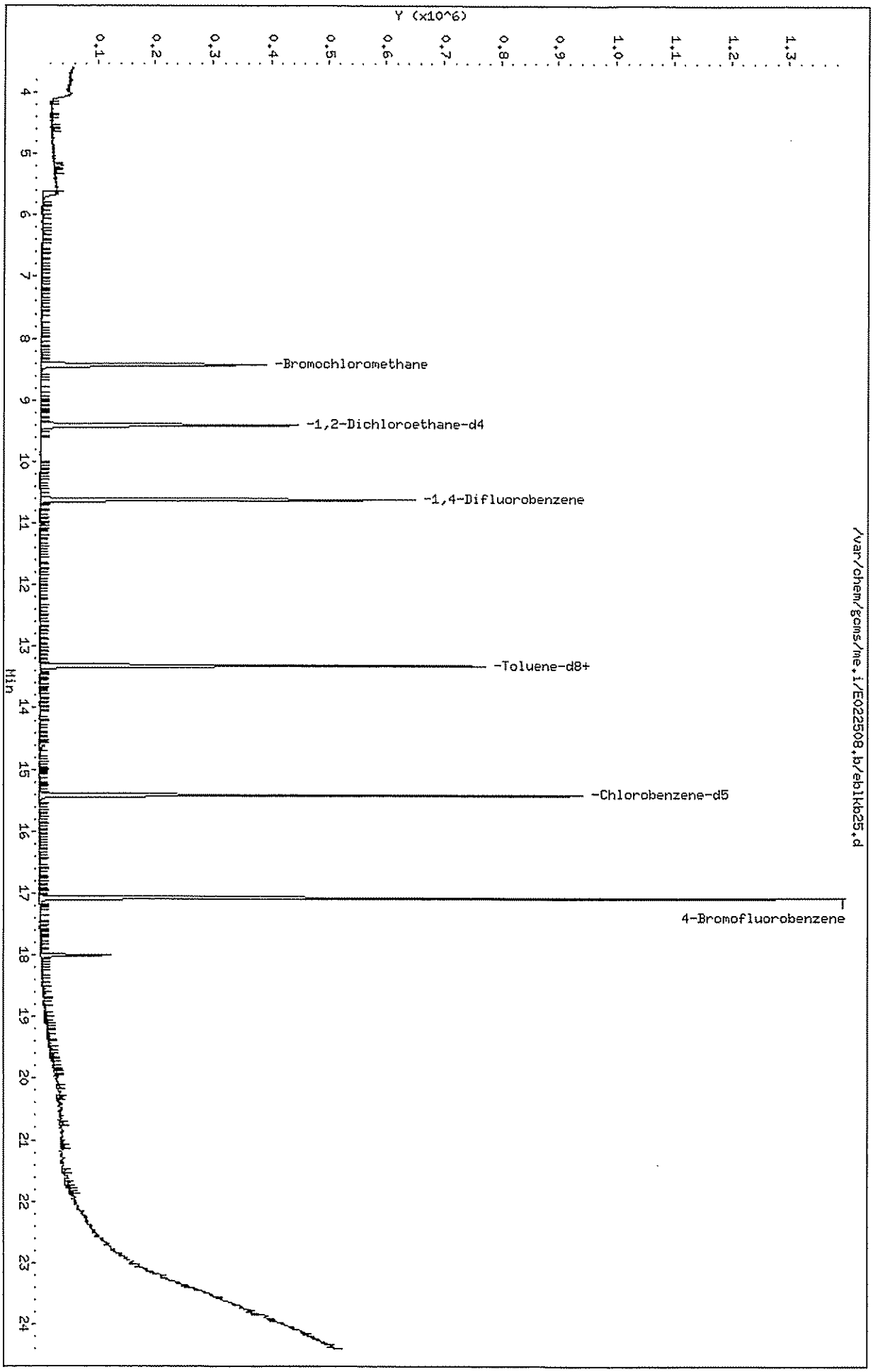
Data File: /var/chem/gcms/me.i/E022508.b/eblkb25.d
Report Date: 26-Feb-2008 08:16

TestAmerica Knoxville

RECOVERY REPORT

Client Name:
Client SDG: E022508
Sample Matrix: GAS
Fraction: OTHER
Lab Smp Id: KHLLK1AA
Level: LOW
Operator: 7126
Data Type: MS DATA
SampleType: BLANK
SpikeList File: all.spk
Quant Type: ISTD
Sublist File: 1-all.sub
Method File: /var/chem/gcms/me.i/E022508.b/TO155.m
Misc Info: E022508,TO155,,,500 ML

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	4.000	4.649	116.22	70-130
$ 5 Toluene-d8	4.000	4.177	104.43	70-130
$ 6 4-Bromofluorobenze	4.000	4.149	103.72	70-130


Data File: /var/chem/gcms/me.i/EO22508.b/eblkb25.d
Date : 25-FEB-2008 09:49
Client ID:
Sample Info: KHLLK1AA,,3,,,,BLANK
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
Min
-Bromochloromethane
-1,2-Dichloroethane-d4
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene
/var/chem/gcms/me.i/EO22508.b/eblkb25.d

Data File: /var/chem/gcms/me.i/E022508.b/eblkb25.d

Date : 25-FEB-2008 09:49

Client ID:

Instrument: me.i

Sample Info: KHLLK1AA,,3,,,,BLANK

Purge Volume: 500.0

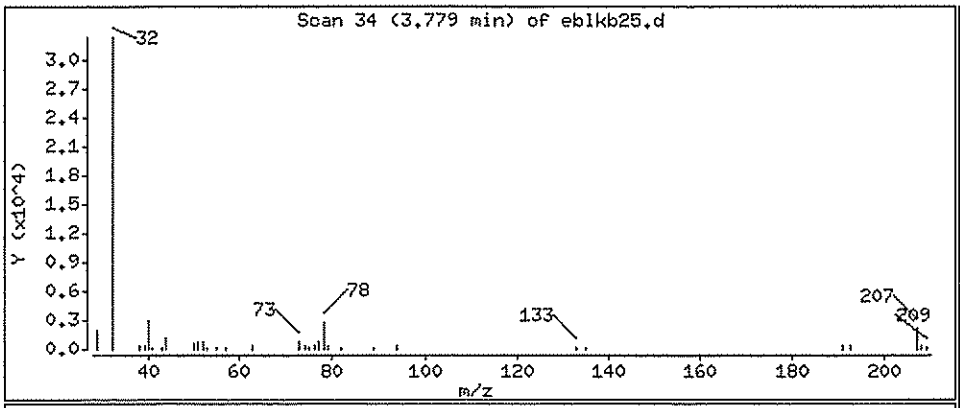
Operator: 7126

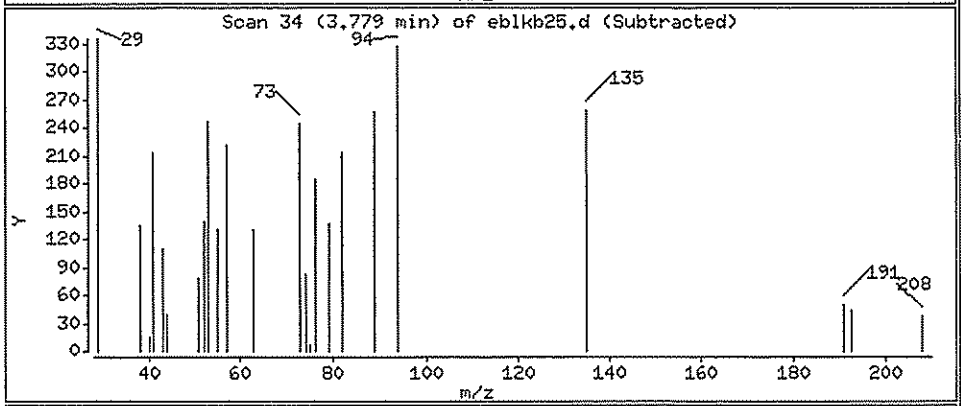
Column phase: HP-5

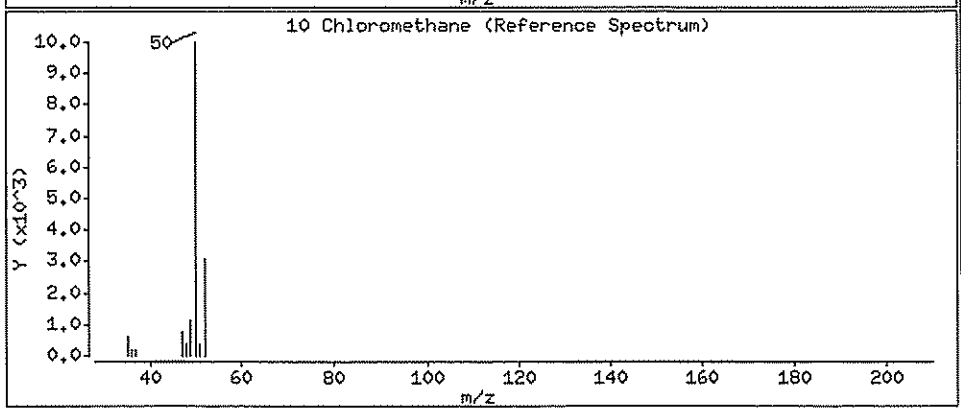
Column diameter: 0.32

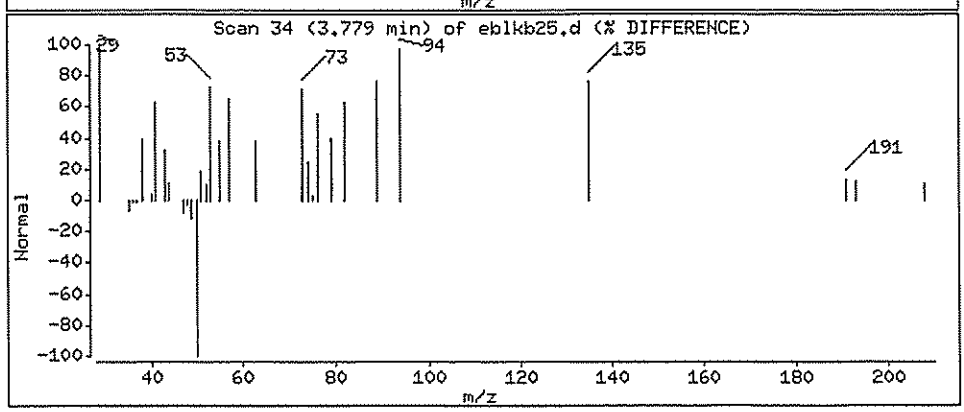
10 Chloromethane

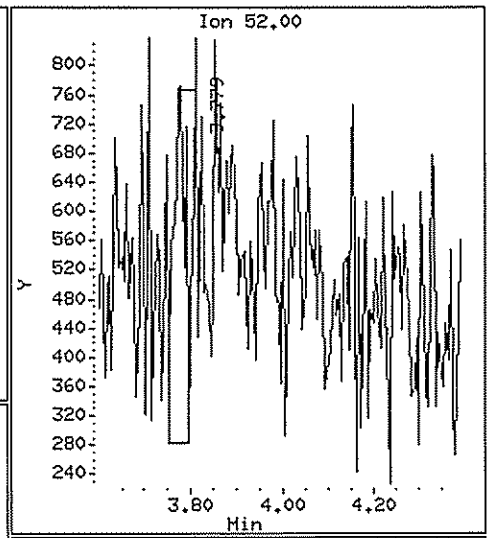
Concentration: 0.08189 ppb(v/v)

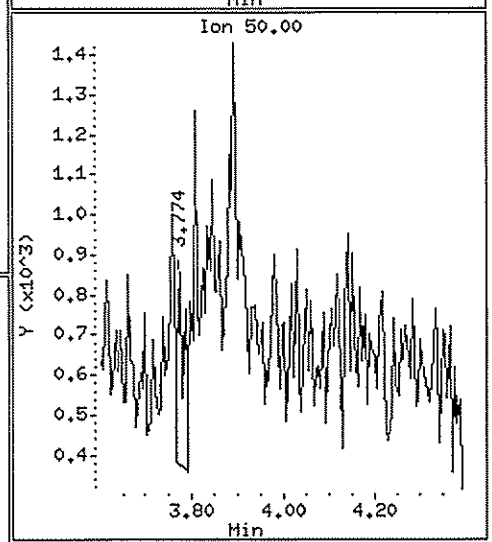












Data File: /var/chem/gcms/me.i/E022508.b/eblkb25.d

Date : 25-FEB-2008 09:49

Client ID:

Instrument: me.i

Sample Info: KHLLK1AA,,3,,,,BLANK

Purge Volume: 500.0

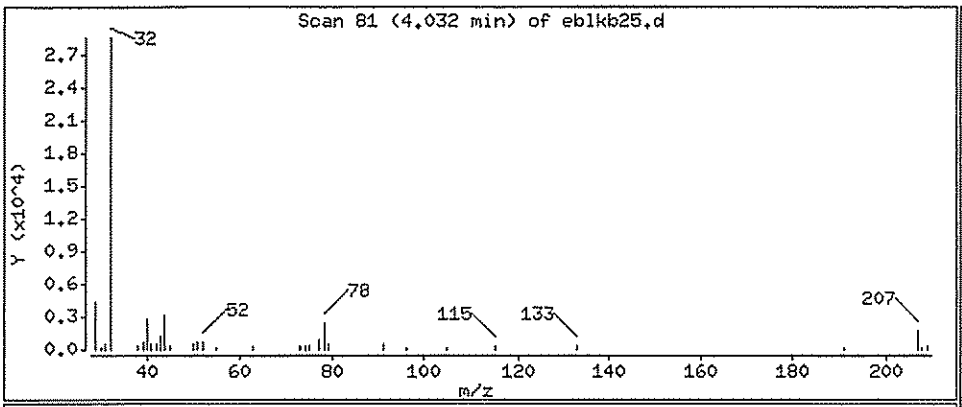
Operator: 7126

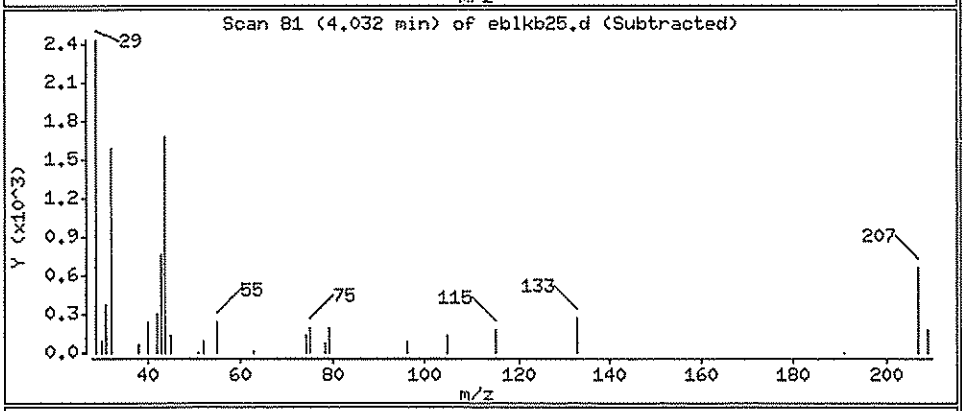
Column phase: HP-5

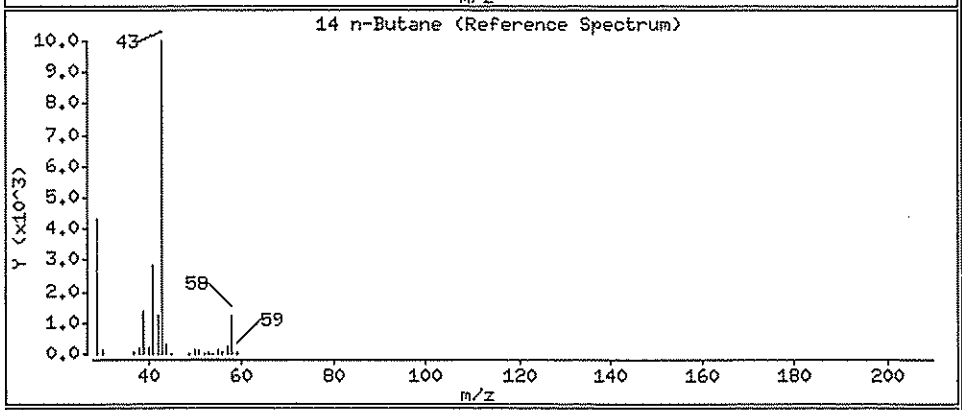
Column diameter: 0.32

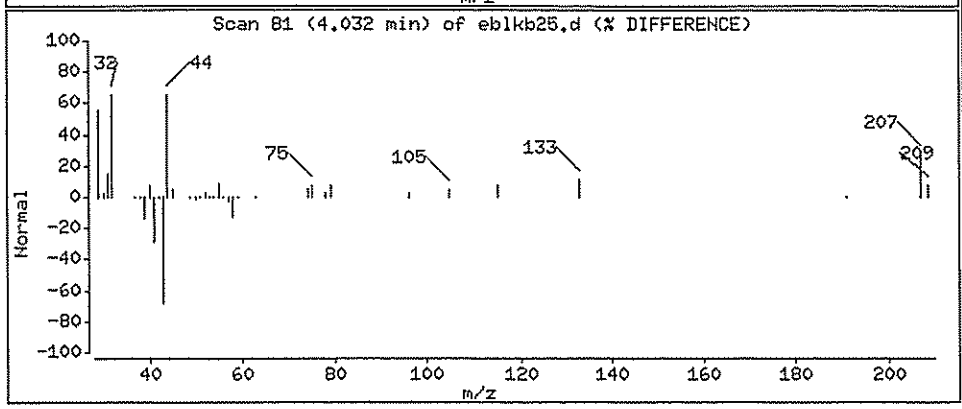
14 n-Butane

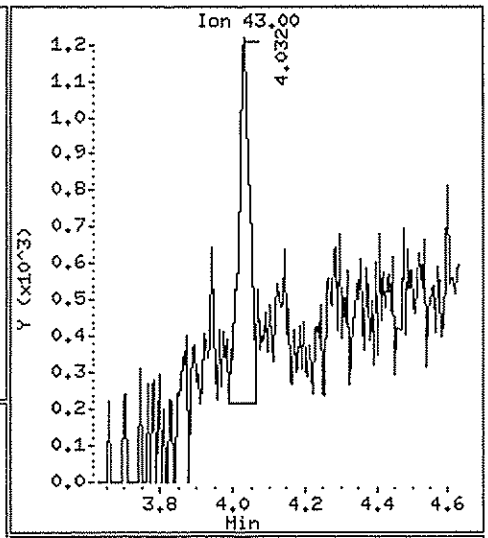
Concentration: 0.04551 ppb(v/v)

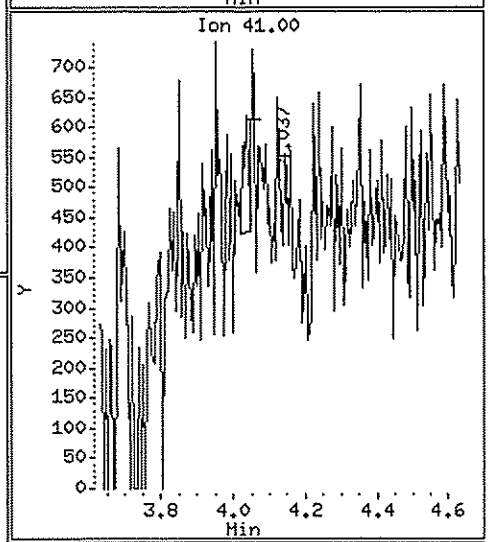


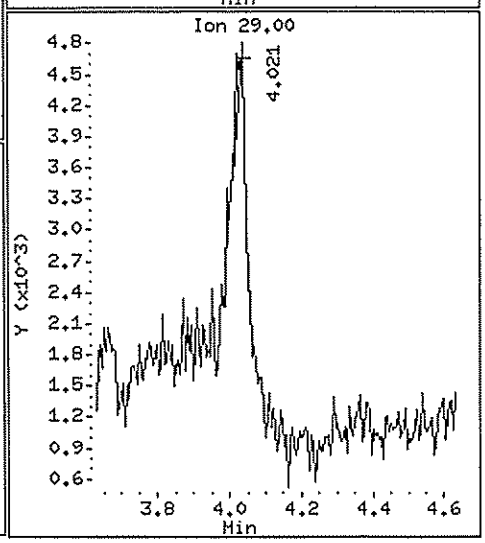












Data File: /var/chem/gcms/me.i/E022508.b/eblkb25.d

Date : 25-FEB-2008 09:49

Client ID:

Instrument: me.i

Sample Info: KHLLK1AA,,3,,,,BLANK

Purge Volume: 500.0

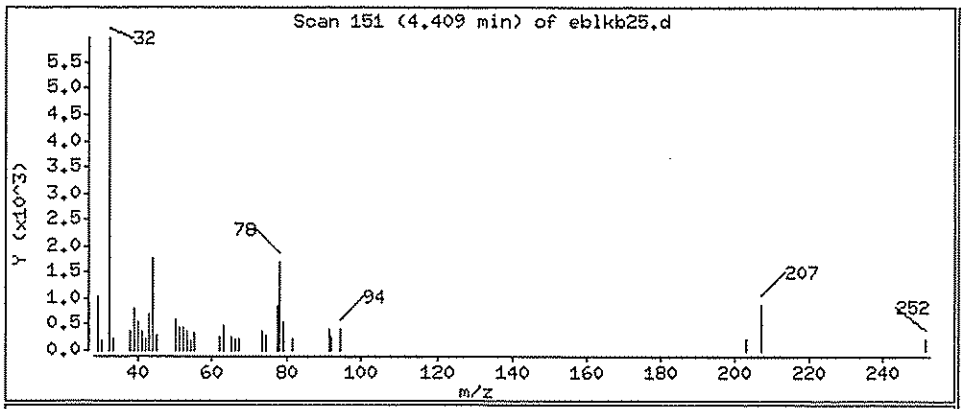
Operator: 7126

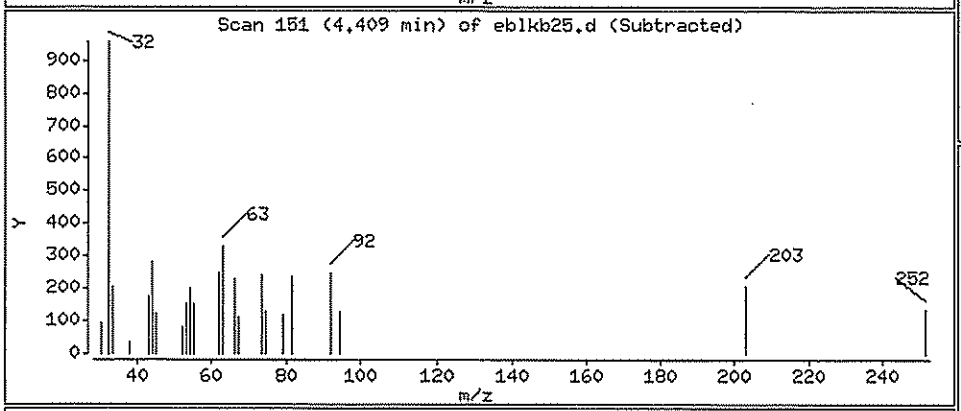
Column phase: HP-5

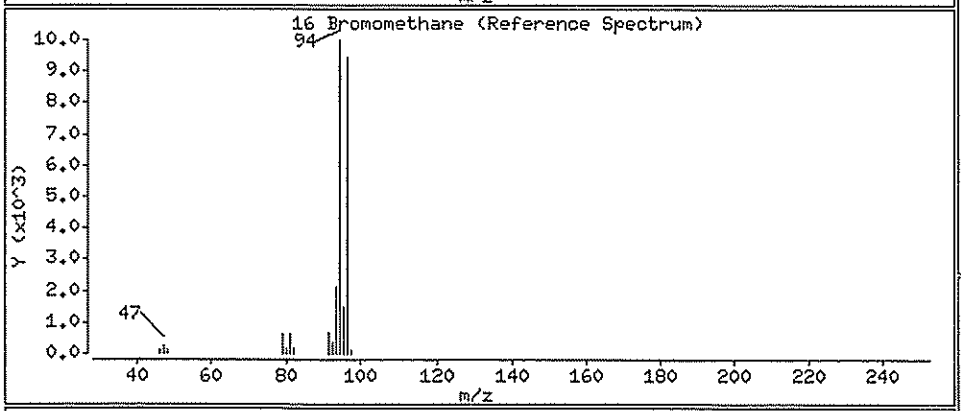
Column diameter: 0.32

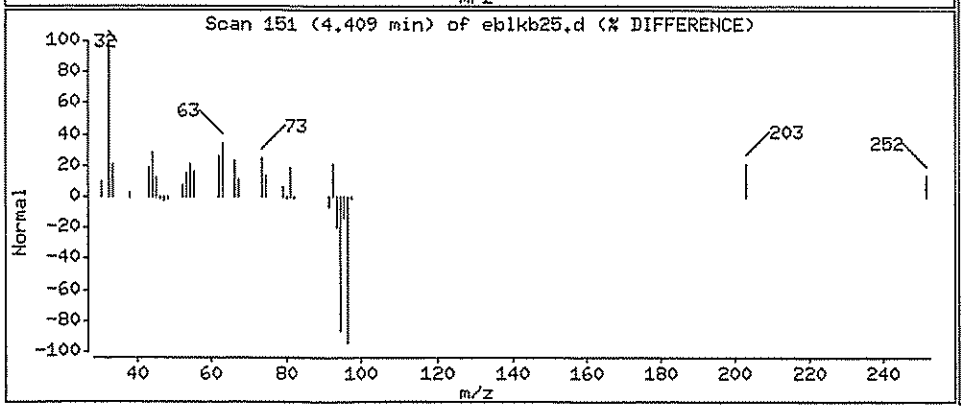
16 Bromomethane

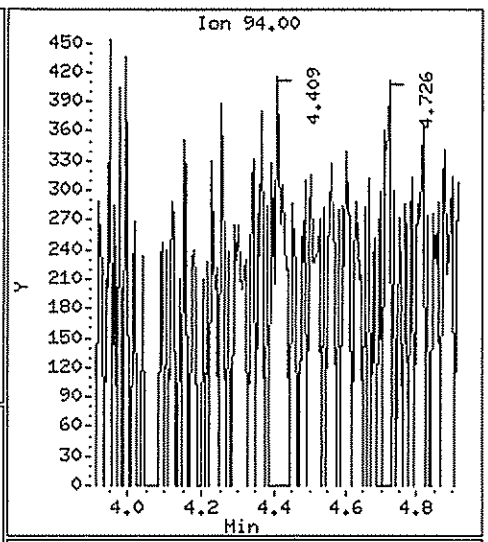
Concentration: 0.01915 ppb(v/v)

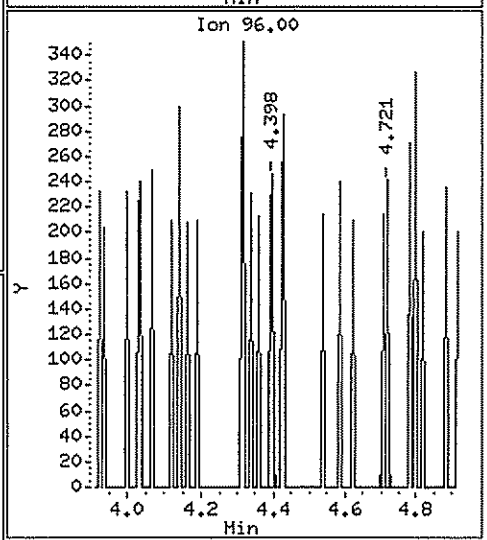


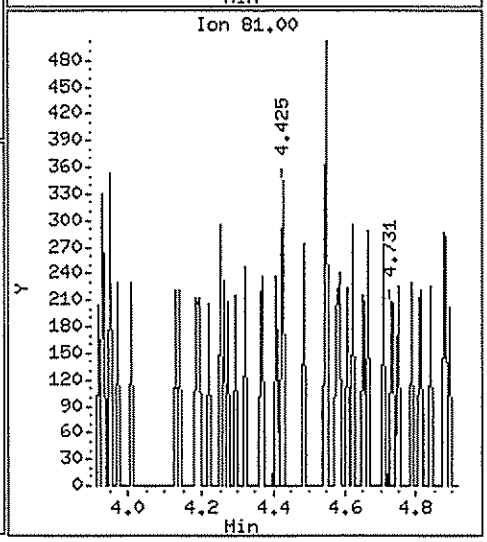












Data File: /var/chem/gcms/me.i/E022508.b/eblkb25.d

Date : 25-FEB-2008 09:49

Client ID:

Instrument: me.i

Sample Info: KHLLK1AA,,3,,,,BLANK

Purge Volume: 500.0

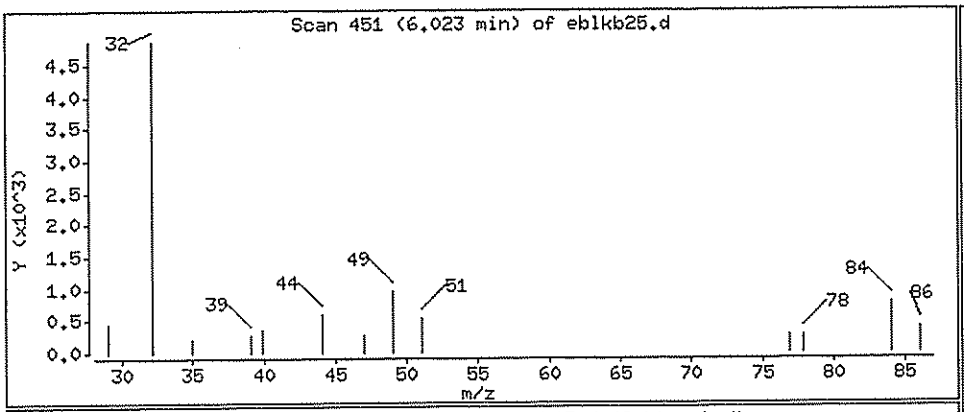
Operator: 7126

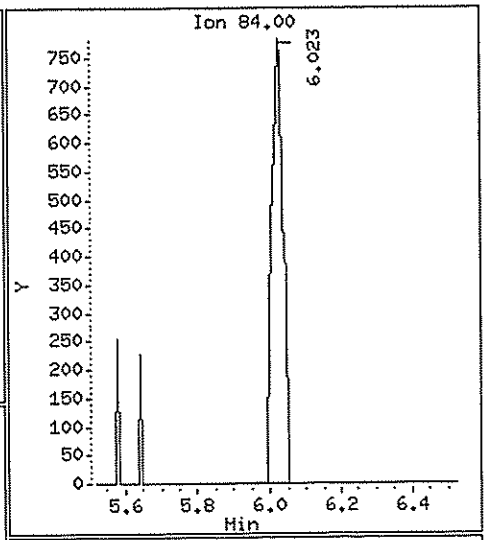
Column phase: HP-5

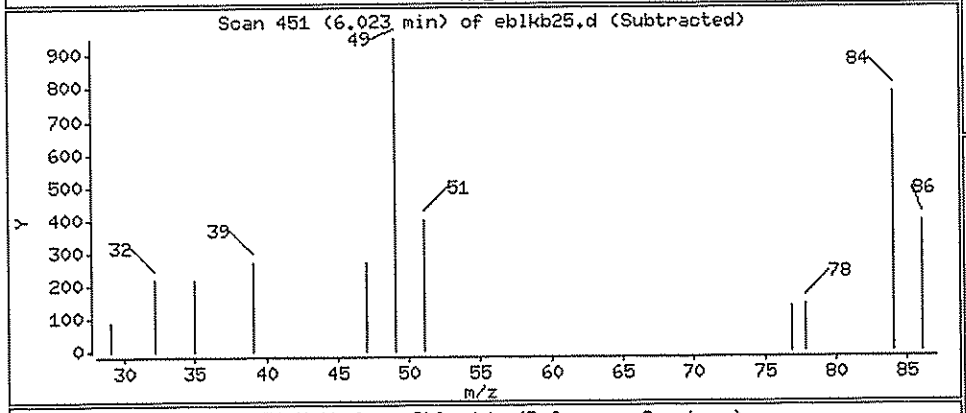
Column diameter: 0.32

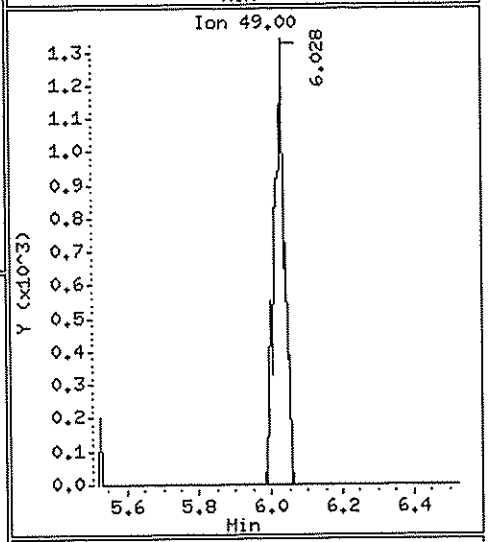
31 Methylene Chloride

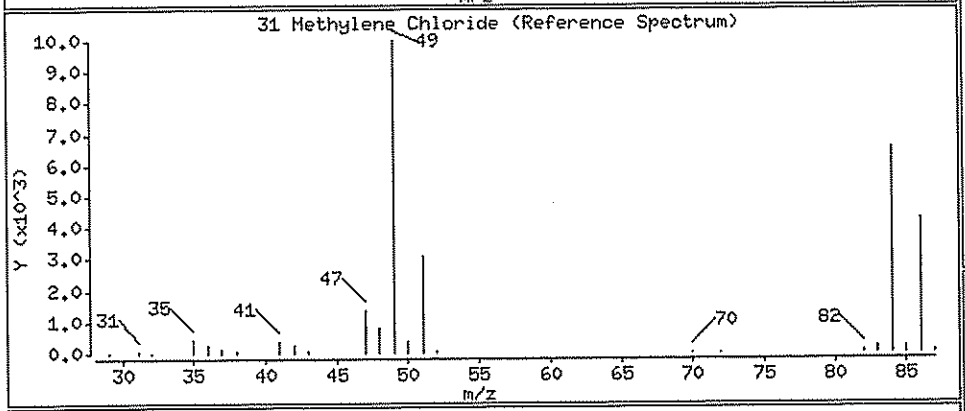
Concentration: 0.06129 ppb(v/v)

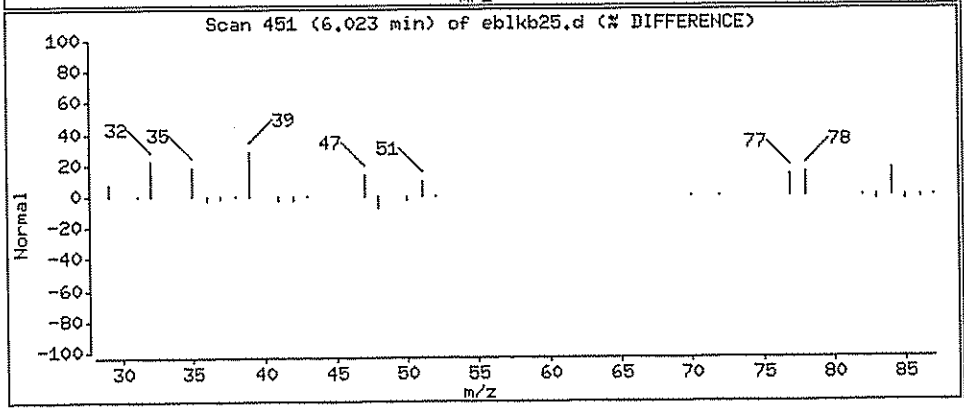


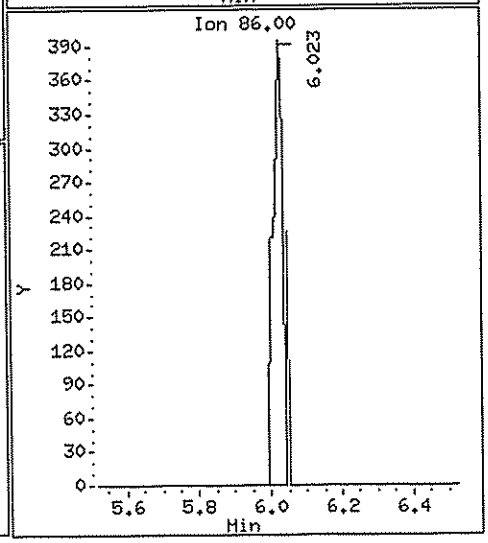












Data File: /var/chem/gcms/me.i/E022508.b/eblkb25.d

Date : 25-FEB-2008 09:49

Client ID:

Instrument: me.i

Sample Info: KHLLK1AA,,3,,,,BLANK

Purge Volume: 500.0

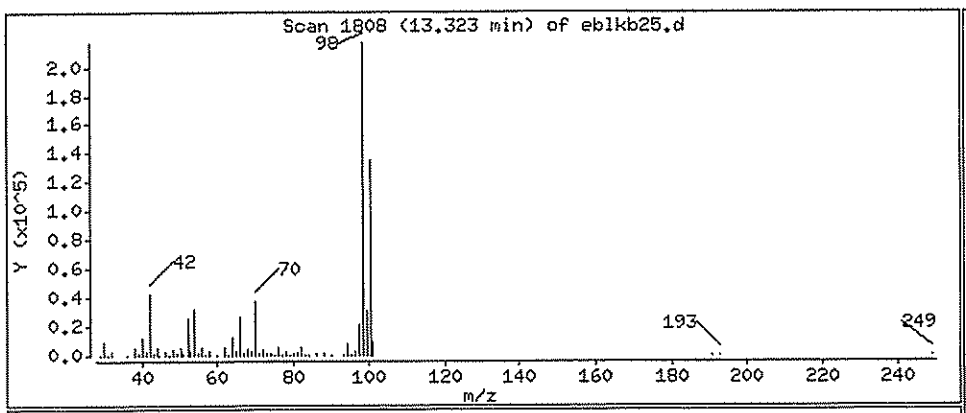
Operator: 7126

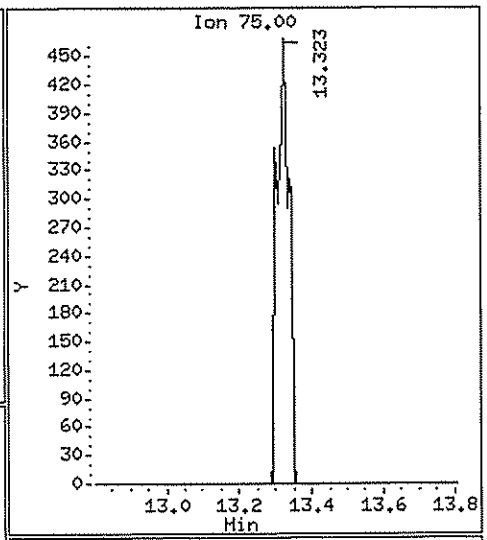
Column phase: HP-5

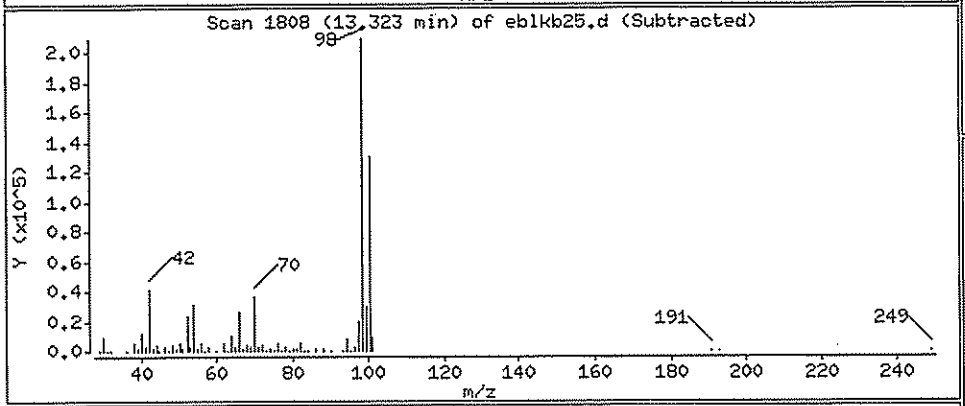
Column diameter: 0.32

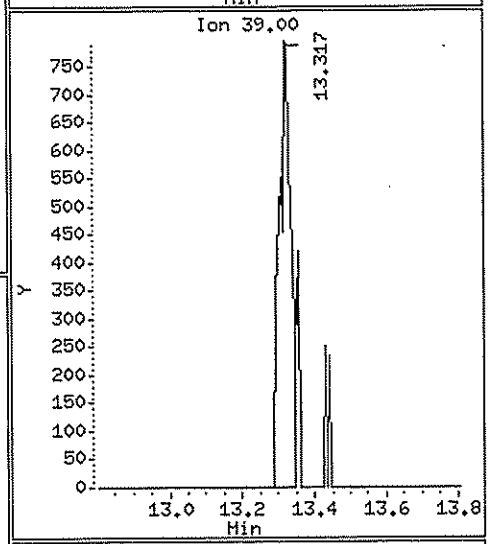
60 trans-1,3-Dichloropropene

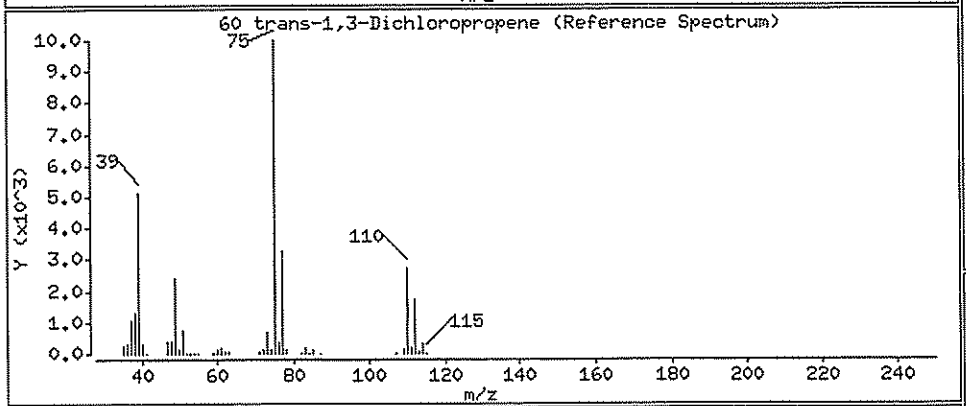
Concentration: 0.02086 ppb(v/v)

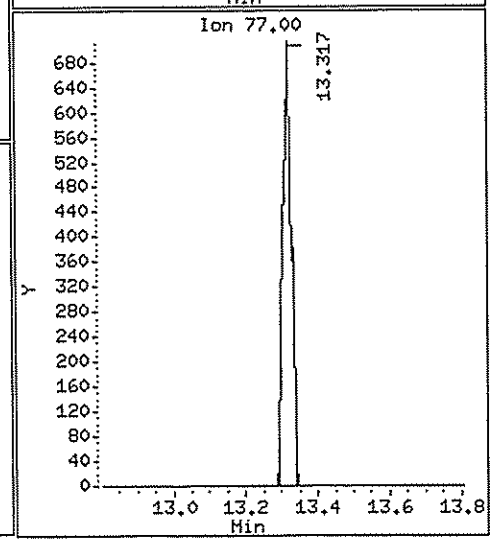


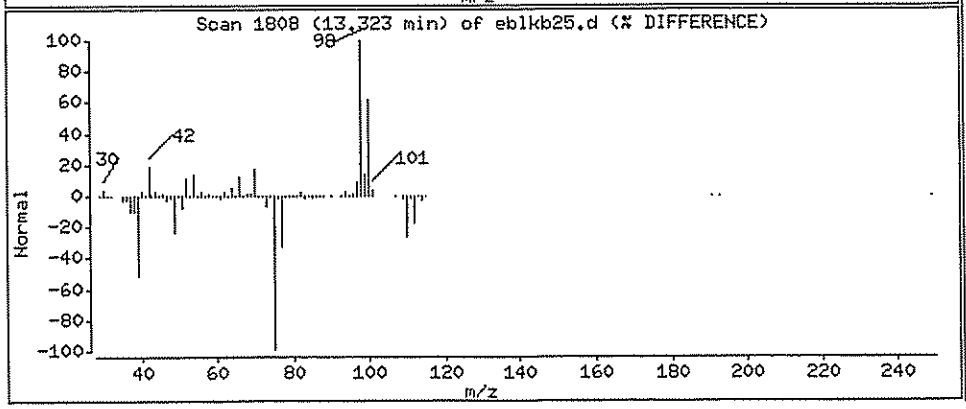












Data File: /var/chem/gcms/me.i/E022508.b/eblkb25.d
Report Date: 26-Feb-2008 08:23

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/eblkb25.d
Lab Smp Id: KHLLK1AA
Inj Date : 25-FEB-2008 09:49
Operator : 7126 Inst ID: me.i
Smp Info : KHLLK1AA,,3,,,,BLANK
Misc Info : E022508,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 08:22 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 26 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

TestAmerica Buffalo

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H8B260000 - 051C **Work Order #** KHLLK1AC **Matrix.....:** AIR

Prep Date.....: 2/25/08
Prep Batch #.....: 8057051
Dilution Factor.: 1

Date Received..: 2/21/08
Analysis Date... 2/25/08
Method.....: TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
Benzene	10.0	11.0	32	35	110	70 - 130
Toluene	10.0	8.66	38	33	87	70 - 130
Trichloroethene	10.0	10.7	54	58	107	70 - 130
Chlorobenzene	10.0	10.9	46	50	109	70 - 130
1,1-Dichloroethene	10.0	11.8	40	47	118	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	110	70 - 130
Toluene-d8	102	70 - 130
4-Bromofluorobenzene	108	70 - 130

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022508.b/elcsb25.d
Report Date: 26-Feb-2008 08:18

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022508.b/elcsb25.d
Lab Smp Id: KHLLK1AC
Inj Date : 25-FEB-2008 08:09
Operator : 7126 Inst ID: me.i
Smp Info : KHLLK1AC,,3,5,,,CCV
Misc Info : E022508,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022508.b/TO155.m
Meth Date : 26-Feb-2008 08:15 tajh Quant Type: ISTD
Cal Date : 20-FEB-2008 18:40 Cal File: eicb209.d
Als bottle: 24 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	200.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.433	8.433	(1.000)	94875	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.628	10.628	(1.000)	467871	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	430258	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	9.406	9.406	(0.885)	187106	4.40213	11.00
$ 5 Toluene-d8	98	13.317	13.317	(0.864)	509433	4.06318	10.16
$ 6 4-Bromofluorobenzene	95	17.078	17.078	(1.108)	516568	4.30616	10.76
7 Chlorodifluoromethane	67	3.677	3.677	(0.436)	96792	5.17083	12.93
8 Propene	41	3.683	3.683	(0.437)	136545	4.88584	12.21
9 Dichlorodifluoromethane	85	3.731	3.731	(0.442)	927449	4.91859	12.30
10 Chloromethane	52	3.892	3.892	(0.462)	51019	4.60036	11.50
11 1,2-Dichlorotetrafluoroethane	135	3.903	3.903	(0.463)	430696	5.20405	13.01(R)
12 Methanol	31	4.005	4.005	(0.475)	38318	6.03448	15.09(R)
13 Vinyl Chloride	62	4.048	4.048	(0.480)	195127	4.72963	11.82
14 n-Butane	43	4.129	4.129	(0.490)	246779	4.88053	12.20
15 1,3-Butadiene	54	4.129	4.129	(0.490)	126822	4.88043	12.20

Data File: /var/chem/gcms/me.i/E022508.b/elcsb25.d
Report Date: 26-Feb-2008 08:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
16 Bromomethane	94	4.414	4.414	(0.523)	217259	4.93202	12.33
17 Chloroethane	64	4.538	4.538	(0.538)	87635	5.18820	12.97
18 Vinyl Bromide	106	4.812	4.812	(0.571)	210518	5.13608	12.84
19 2-methyl butane	43	4.866	4.866	(0.577)	186287	5.18614	12.96
20 Trichlorofluoromethane	101	5.060	5.060	(0.600)	912229	5.13645	12.84
21 Acrolein	56	5.070	5.070	(0.601)	41078	4.48219	11.20
22 Acetonitrile	40	5.124	5.124	(0.608)	40959	4.51034	11.28
23 Acetone	58	5.189	5.189	(0.615)	48939	4.59323	11.48
24 Pentane	72	5.270	5.270	(0.625)	28074	5.21488	13.04(R)
25 Isopropyl Alcohol	45	5.248	5.248	(0.622)	293079	5.04905	12.62
26 Ethyl Ether	31	5.436	5.436	(0.645)	116811	4.63896	11.60
27 1,1-Dichloroethene	96	5.700	5.700	(0.676)	133518	4.70717	11.77
28 Acrylonitrile	53	5.807	5.807	(0.689)	57872	4.28879	10.72
29 tert-butanol	59	5.807	5.807	(0.689)	378720	4.81138	12.03
30 1,1,2-Trichlorotrifluoroethane	101	5.888	5.888	(0.698)	324982	4.69999	11.75
31 Methylene Chloride	84	6.023	6.023	(0.714)	119585	4.61653	11.54
32 3-Chloropropene	39	6.044	6.044	(0.717)	199444	5.39717	13.49(R)
33 Carbon Disulfide	76	6.163	6.163	(0.731)	470935	4.40904	11.02
34 trans-1,2-Dichloroethene	96	6.787	6.787	(0.805)	144182	4.77105	11.93
35 Methyl-t-Butyl Ether	73	6.959	6.959	(0.825)	374441	4.38795	10.97
36 1,1-Dichloroethane	63	7.185	7.185	(0.852)	299682	5.38158	13.45(R)
37 Vinyl Acetate	43	7.314	7.314	(0.867)	240875	4.75883	11.90
38 Hexane	56	7.771	7.771	(0.922)	115881	4.79712	11.99
39 2-Butanone	72	7.755	7.755	(0.920)	48287	4.69895	11.75
40 cis 1,2-Dichloroethene	96	8.121	8.121	(0.963)	129004	5.19721	12.99
41 Ethyl acetate	45	8.357	8.357	(0.991)	29940	4.61314	11.53
42 Chloroform	83	8.449	8.449	(1.002)	449747	5.37359	13.43(R)
43 Tetrahydrofuran	42	8.890	8.890	(1.054)	99514	4.55711	11.39
44 1,1,1-Trichloroethane	97	9.460	9.460	(1.122)	571672	5.40753	13.52(R)
45 1,2-Dichloroethane	62	9.557	9.557	(0.899)	300679	4.93086	12.33
48 Cyclohexane	69	10.063	10.063	(0.947)	73130	4.84063	12.10
46 Benzene	78	10.052	10.052	(0.946)	326657	4.38504	10.96
47 1-Butanol	31	10.052	10.052	(0.946)	62084	4.58321	11.46
49 Carbon Tetrachloride	117	10.079	10.079	(0.948)	639839	4.86527	12.16
50 2,2,4-trimethylpentane	57	10.880	10.880	(1.024)	654875	5.10892	12.77
51 Heptane	43	11.268	11.268	(1.060)	238071	4.89504	12.24
52 1,2-Dichloropropane	63	11.300	11.300	(1.063)	107723	4.52141	11.30
53 Trichloroethene	130	11.338	11.338	(1.067)	142384	4.29626	10.74
54 Dibromomethane	93	11.397	11.397	(1.072)	216892	4.88527	12.21
55 Bromodichloromethane	83	11.553	11.553	(1.087)	470069	5.15727	12.89
56 1,4-dioxane	88	11.617	11.617	(1.093)	75328	4.90485	12.26
57 methyl methacrylate	41	11.714	11.714	(1.102)	160333	4.83059	12.08
58 4-Methyl-2-pentanone	43	12.586	12.586	(1.184)	251473	4.32166	10.80
59 cis-1,3-Dichloropropene	75	12.597	12.597	(1.185)	211097	4.59475	11.49
60 trans-1,3-Dichloropropene	75	13.307	13.307	(0.863)	238194	4.44493	11.11
61 Toluene	91	13.430	13.430	(0.871)	319472	3.46459	8.661
62 1,1,2-Trichloroethane	97	13.500	13.500	(0.876)	120291	4.35535	10.89

Data File: /var/chem/gcms/me.i/E022508.b/elcsb25.d
Report Date: 26-Feb-2008 08:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
63	2-Hexanone	58	13.941	13.941	(0.904)	107480	3.94418	9.860
64	Octane	85	14.183	14.183	(0.920)	141210	5.09648	12.74
65	Dibromochloromethane	129	14.194	14.194	(0.921)	343215	5.14122	12.85
66	1,2-Dibromoethane	107	14.490	14.490	(0.940)	199988	4.46198	11.15
67	Tetrachloroethene	129	14.582	14.582	(0.946)	177508	4.79860	12.00
68	Chlorobenzene	112	15.464	15.464	(1.003)	262117	4.36722	10.92
69	Ethylbenzene	91	15.776	15.776	(1.023)	472675	4.34453	10.86
70	m&p-Xylene	91	15.943	15.943	(1.034)	812141	8.71001	21.78
72	Nonane	57	16.411	16.411	(1.065)	247919	4.92747	12.32
71	Bromoform	173	16.346	16.346	(1.060)	362854	4.96130	12.40
73	Styrene	104	16.400	16.400	(1.064)	244678	4.52701	11.32
74	o-Xylene	91	16.464	16.464	(1.068)	422530	4.34445	10.86
75	1,1,2,2-Tetrachloroethane	83	16.776	16.776	(1.088)	276074	4.39365	10.98
76	1,2,3-Trichloropropane	110	16.938	16.938	(1.099)	93873	4.54900	11.37
77	Cumene	105	17.067	17.067	(1.107)	552510	4.22573	10.56
78	n-Propylbenzene	120	17.616	17.616	(1.143)	123871	4.42882	11.07
79	2-chlorotoluene	126	17.643	17.643	(1.144)	108604	4.24856	10.62
80	4-Ethyltoluene	105	17.772	17.772	(1.153)	552683	4.43076	11.08
81	1,3,5-Trimethylbenzene	120	17.852	17.852	(1.158)	177160	4.23167	10.58
82	Alpha-Methylstyrene	118	18.078	18.078	(1.173)	192305	4.57382	11.43
83	Decane	57	18.191	18.191	(1.180)	288897	4.57062	11.43
84	tert-butylbenzene	119	18.288	18.288	(1.186)	486591	4.36363	10.91
85	1,2,4-Trimethylbenzene	105	18.293	18.293	(1.187)	508472	4.44212	11.10
86	sec-butylbenzene	105	18.562	18.562	(1.204)	674325	4.43966	11.10
87	1,3-Dichlorobenzene	146	18.552	18.552	(1.203)	266512	4.00726	10.02
88	Benzyl Chloride	91	18.632	18.632	(1.209)	508631	4.33338	10.83
89	1,4-Dichlorobenzene	146	18.643	18.643	(1.209)	254908	3.94322	9.858
90	p-Cymene	119	18.735	18.735	(1.215)	554530	4.32280	10.81
91	1,2-Dichlorobenzene	146	19.004	19.004	(1.233)	244909	3.85921	9.648
92	n-butylbenzene	91	19.176	19.176	(1.244)	595680	4.35348	10.88
93	Undecane	57	19.531	19.531	(1.267)	283258	3.86855	9.671
94	Dodecane	57	20.601	20.601	(1.336)	258387	3.56033	8.901
95	1,2,4-Trichlorobenzene	180	20.730	20.730	(1.345)	218252	3.08272	7.707
96	Napthalene	128	20.860	20.860	(1.353)	333988	3.74666	9.367
97	Hexachlorobutadiene	225	21.102	21.102	(1.369)	374543	3.34487	8.362
98	1,2,3-trichlorobenzene	180	21.150	21.150	(1.372)	198965	2.67817	6.695(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/gcms/me.i/E022508.b/elcsb25.d
Report Date: 26-Feb-2008 08:18

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: elcsb25.d
Lab Smp Id: KHLLK1AC
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022508.b/TO15S.m
Misc Info: E022508,TO15S,,,

Calibration Date: 25-FEB-2008
Calibration Time: 08:09

Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	94875	56451	133299	94875	0.00
2 1,4-Difluorobenze	467871	278383	657359	467871	0.00
3 Chlorobenzene-d5	430258	256004	604512	430258	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.43	0.00
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.00
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	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: /var/chem/gcms/me.i/E022508.b/elcsb25.d
Report Date: 26-Feb-2008 08:18

TestAmerica Knoxville

RECOVERY REPORT

Client Name:
Client SDG: E022508
Sample Matrix: GAS
Fraction: OTHER
Lab Smp Id: KHLLK1AC
Level: LOW
Operator: 7126
Data Type: MS DATA
SampleType: LCS
SpikeList File: all.spk
Quant Type: ISTD
Sublist File: 1-all.sub
Method File: /var/chem/gcms/me.i/E022508.b/TO155.m
Misc Info: E022508,TO155,,,

SPIKE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
7 Chlorodifluorometh	10.00	12.93	129.27	70-130
8 Propene	10.00	12.21	122.15	70-130
9 Dichlorodifluorome	10.00	12.30	122.96	70-130
10 Chloromethane	10.00	11.50	115.01	70-130
11 1,2-Dichlorotetraf	10.00	13.01	130.10*	70-130
12 Methanol	10.00	15.09	150.86*	70-130
13 Vinyl Chloride	10.00	11.82	118.24	70-130
14 n-Butane	10.00	12.20	122.01	70-130
15 1,3-Butadiene	10.00	12.20	122.01	70-130
16 Bromomethane	10.00	12.33	123.30	70-130
17 Chloroethane	10.00	12.97	129.71	70-130
18 Vinyl Bromide	10.00	12.84	128.40	70-130
19 2-methyl butane	10.00	12.96	129.65	70-130
20 Trichlorofluoromet	10.00	12.84	128.41	70-130
21 Acrolein	10.00	11.20	112.05	70-130
22 Acetonitrile	10.00	11.28	112.76	70-130
23 Acetone	10.00	11.48	114.83	70-130
24 Pentane	10.00	13.04	130.37*	70-130
25 Isopropyl Alcohol	10.00	12.62	126.23	70-130
26 Ethyl Ether	10.00	11.60	115.97	70-130
27 1,1-Dichloroethene	10.00	11.77	117.68	70-130
29 tert-butanol	10.00	12.03	120.28	70-130
28 Acrylonitrile	10.00	10.72	107.22	70-130
30 1,1,2-Trichlorotri	10.00	11.75	117.50	70-130
31 Methylene Chloride	10.00	11.54	115.41	70-130
32 3-Chloropropene	10.00	13.49	134.93*	70-130
33 Carbon Disulfide	10.00	11.02	110.23	70-130
	0.000	0.000	*	0-0
34 trans-1,2-Dichloro	10.00	11.93	119.28	70-130
35 Methyl-t-Butyl Eth	10.00	10.97	109.70	70-130
36 1,1-Dichloroethane	10.00	13.45	134.54*	70-130
37 Vinyl Acetate	10.00	11.90	118.97	70-130
39 2-Butanone	10.00	11.75	117.47	70-130

Data File: /var/chem/gcms/me.i/E022508.b/elcsb25.d
Report Date: 26-Feb-2008 08:18

SPIKE	COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
38	Hexane	10.00	11.99	119.93	70-130
40	cis 1,2-Dichloroet	10.00	12.99	129.93	70-130
41	Ethyl acetate	10.00	11.53	115.33	70-130
42	Chloroform	10.00	13.43	134.34*	70-130
43	Tetrahydrofuran	10.00	11.39	113.93	70-130
44	1,1,1-Trichloroeth	10.00	13.52	135.19*	70-130
45	1,2-Dichloroethane	10.00	12.33	123.27	70-130
47	1-Butanol	10.00	11.46	114.58	70-130
46	Benzene	10.00	10.96	109.63	70-130
48	Cyclohexane	10.00	12.10	121.02	70-130
49	Carbon Tetrachlori	10.00	12.16	121.63	70-130
50	2,2,4-trimethylpen	10.00	12.77	127.72	70-130
51	Heptane	10.00	12.24	122.38	70-130
52	1,2-Dichloropropan	10.00	11.30	113.04	70-130
53	Trichloroethene	10.00	10.74	107.41	70-130
54	Dibromomethane	10.00	12.21	122.13	70-130
55	Bromodichlorometha	10.00	12.89	128.93	70-130
56	1,4-dioxane	10.00	12.26	122.62	70-130
57	methyl methacrylat	10.00	12.08	120.76	70-130
58	4-Methyl-2-pentano	10.00	10.80	108.04	70-130
59	cis-1,3-Dichloropr	10.00	11.49	114.87	70-130
60	trans-1,3-Dichloro	10.00	11.11	111.12	70-130
61	Toluene	10.00	8.661	86.61	70-130
62	1,1,2-Trichloroeth	10.00	10.89	108.88	70-130
63	2-Hexanone	10.00	9.860	98.60	70-130
64	Octane	10.00	12.74	127.41	70-130
65	Dibromochlorometha	10.00	12.85	128.53	70-130
66	1,2-Dibromoethane	10.00	11.15	111.55	70-130
67	Tetrachloroethene	10.00	12.00	119.96	70-130
68	Chlorobenzene	10.00	10.92	109.18	70-130
69	Ethylbenzene	10.00	10.86	108.61	70-130
70	m&p-Xylene	20.00	21.78	108.88	70-130
72	Nonane	10.00	12.32	123.19	70-130
71	Bromoform	10.00	12.40	124.03	70-130
73	Styrene	10.00	11.32	113.18	70-130
74	o-Xylene	10.00	10.86	108.61	70-130
75	1,1,2,2-Tetrachlor	10.00	10.98	109.84	70-130
76	1,2,3-Trichloropro	10.00	11.37	113.73	70-130
77	Cumene	10.00	10.56	105.64	70-130
		0.000	0.000	*	0-0
78	n-Propylbenzene	10.00	11.07	110.72	70-130
		0.000	0.000	*	0-0
79	2-chlorotoluene	10.00	10.62	106.21	70-130
80	4-Ethyltoluene	10.00	11.08	110.77	70-130
81	1,3,5-Trimethylben	10.00	10.58	105.79	70-130
82	Alpha-Methylstyren	10.00	11.43	114.35	70-130
		0.000	0.000	*	0-0

Data File: /var/chem/gcms/me.i/E022508.b/elcsb25.d
Report Date: 26-Feb-2008 08:18

SPIKE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
83 Decane	10.00	11.43	114.27	70-130
84 tert-butylbenzene	10.00	10.91	109.09	70-130
85 1,2,4-Trimethylben	10.00	11.10	111.05	70-130
86 sec-butylbenzene	10.00	11.10	110.99	70-130
87 1,3-Dichlorobenzen	10.00	10.02	100.18	70-130
88 Benzyl Chloride	10.00	10.83	108.33	70-130
89 1,4-Dichlorobenzen	10.00	9.858	98.58	70-130
90 p-Cymene	10.00	10.81	108.07	70-130
	0.000	0.000	*	0-0
91 1,2-Dichlorobenzen	10.00	9.648	96.48	70-130
92 n-butylbenzene	10.00	10.88	108.84	70-130
93 Undecane	10.00	9.671	96.71	70-130
	0.000	0.000	*	0-0
	0.000	0.000	*	0-0
94 Dodecane	10.00	8.901	89.01	70-130
95 1,2,4-Trichloroben	10.00	7.707	77.07	70-130
96 Napthalene	10.00	9.367	93.67	70-130
97 Hexachlorobutadien	10.00	8.362	83.62	70-130
98 1,2,3-trichloroben	10.00	6.695	66.95*	70-130

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	10.00	11.00	110.05	70-130
$ 5 Toluene-d8	10.00	10.16	101.58	70-130
$ 6 4-Bromofluorobenze	10.00	10.76	107.65	70-130

Data File: /var/chem/gcms/me.i/E022508.b/elcsb25.d
Date : 25-FEB-2008 08:09
Client ID:
Sample Info: KHLLK1AC,,3,5,,,CCV
Purge Volume: 200.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
Min
-Bromochloromethane+
-1,2-Dichloroethane-d4
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene+
/var/chem/gcms/me.i/E022508.b/elcsb25.d

TestAmerica Buffalo

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H8B270000 - 029B **Work Order #** KHNDP1AA **Matrix.....:** AIR

Prep Date.....: 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1

Date Received..: 2/22/08
Analysis Date... 2/26/08

Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
2-Methylnaphthalene	ND	1.0	ND	5.8
1-Methylnaphthalene	ND	1.0	ND	5.8
Indene	ND	0.16	ND	0.76
Thiophene	ND	0.080	ND	0.28
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Indane	ND	0.080	ND	0.39

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022608.b/eblkb26.d
Report Date: 27-Feb-2008 07:10

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022608.b/eblkb26.d
Lab Smp Id: KHNDP1AA Client Smp ID: INTRA-LAB BLANK
Inj Date : 26-FEB-2008 11:02
Operator : 7126 Inst ID: me.i
Smp Info : KHNDP1AA,,3,,,,BLANK
Misc Info : E022608,TO155,,,500 ML
Comment :
Method : /var/chem/gcms/me.i/E022608.b/TO155.m
Meth Date : 27-Feb-2008 07:08 tajh Quant Type: ISTD
Cal Date : 26-FEB-2008 11:39 Cal File: nyextra.d
Als bottle: 26 QC Sample: METHOD BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	500.00000	default sample volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	FINAL (ppb(v/v))
* 1 Bromochloromethane	128	8.438	8.433	(1.000)	57508	4.00000	4.000
* 2 1,4-Difluorobenzene	114	10.628	10.627	(1.000)	263530	4.00000	4.000
* 3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	233443	4.00000	4.000
$ 4 1,2-Dichloroethane-d4	67	9.412	9.412	(0.886)	117468	4.90672	4.907
$ 5 Toluene-d8	98	13.317	13.317	(0.864)	275682	4.05262	4.053
$ 6 4-Bromofluorobenzene	95	17.078	17.078	(1.108)	269611	4.14236	4.142
19 2-methyl butane	43	4.882	4.866	(0.579)	495	0.02273	0.02273
31 Methylene Chloride	84	6.023	6.023	(0.714)	1314	0.08369	0.08369
92 n-butylbenzene	91	19.181	19.176	(1.244)	1777	0.02394	0.02394
98 1,2,3-trichlorobenzene	180	21.155	21.150	(1.372)	1621	0.04022	0.04022

2/27/2008

Data File: /var/chem/gcms/me.i/E022608.b/eblkb26.d
Report Date: 27-Feb-2008 07:10

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: eblkb26.d
Lab Smp Id: KHNDP1AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022608.b/TO155.m
Misc Info: E022608,TO155,,,500 ML

Calibration Date: 26-FEB-2008
Calibration Time: 09:31
Client Smp ID: INTRA-LAB BLANK
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	68800	40936	96664	57508	-16.41
2 1,4-Difluorobenze	353524	210347	496701	263530	-25.46
3 Chlorobenzene-d5	329407	195997	462817	233443	-29.13

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.44	0.06
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.00
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	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: /var/chem/gcms/me.i/E022608.b/eblkb26.d
Report Date: 27-Feb-2008 07:10

TestAmerica Knoxville

RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: KHNDP1AA
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: all.sub
Method File: /var/chem/gcms/me.i/E022608.b/TO155.m
Misc Info: E022608,TO155,,,500 ML

Client SDG: H8B270000
Fraction: OTHER
Client Smp ID: INTRA-LAB BLANK
Operator: 7126
SampleType: METHOD BLANK
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	4.000	4.907	122.67	70-130
$ 5 Toluene-d8	4.000	4.053	101.32	70-130
$ 6 4-Bromofluorobenze	4.000	4.142	103.56	70-130

Data File: /var/chem/gcms/me.i/E022608.b/eblkb26.d
Date : 26-FEB-2008 11:02
Client ID: INTRA-LAB BLANK
Sample Info: KHNDP1AA,,3,,,,BLANK
Purge Volume: 500.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^5)
Min
-Bromochloromethane
-1,2-Dichloroethane-d4
-1,4-Difluorobenzene
-Toluene-d8
-Chlorobenzene-d5
4-Bromofluorobenzene
/var/chem/gcms/me.i/E022608.b/eblkb26.d

TestAmerica Buffalo

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H8B270000 - 029C **Work Order #** KHNDP1AC **Matrix.....:** AIR

Prep Date.....: 2/26/08
Prep Batch #.....: 8058029
Dilution Factor.: 1

Date Received..: 2/22/08
Analysis Date... 2/26/08

Method.....: TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
1,1-Dichloroethene	10.0	11.8	40	47	118	70 - 130
Benzene	10.0	9.23	32	29	92	70 - 130
Trichloroethene	10.0	10.7	54	57	107	70 - 130
Toluene	10.0	8.70	38	33	87	70 - 130
Chlorobenzene	10.0	10.4	46	48	104	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	121	70 - 130
Toluene-d8	104	70 - 130
4-Bromofluorobenzene	114	70 - 130

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/me.i/E022608.b/elcsb26a.d
Report Date: 27-Feb-2008 07:11

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/me.i/E022608.b/elcsb26a.d
Lab Smp Id: KHNDP1AC
Inj Date : 26-FEB-2008 09:31
Operator : 7126 Inst ID: me.i
Smp Info : KHNDP1AC,,3,5,,,CCV
Misc Info : E022608,TO155,,,
Comment :
Method : /var/chem/gcms/me.i/E022608.b/TO155.m
Meth Date : 27-Feb-2008 07:08 tajh Quant Type: ISTD
Cal Date : 26-FEB-2008 11:39 Cal File: nyextra.d
Als bottle: 24 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	default calibration
Vo	200.00000	default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
*	1 Bromochloromethane	128	8.433	8.433	(1.000)	68800	4.00000	4.000
*	2 1,4-Difluorobenzene	114	10.627	10.627	(1.000)	353524	4.00000	4.000
*	3 Chlorobenzene-d5	117	15.415	15.415	(1.000)	329407	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	9.412	9.412	(0.886)	155656	4.84673	12.12
$	5 Toluene-d8	98	13.317	13.317	(0.864)	401009	4.17763	10.44
$	6 4-Bromofluorobenzene	95	17.078	17.078	(1.108)	419254	4.56494	11.41
	7 Chlorodifluoromethane	67	3.672	3.672	(0.435)	82702	6.09256	15.23(R)
	8 Propene	41	3.688	3.688	(0.437)	113897	5.62004	14.05(R)
	9 Dichlorodifluoromethane	85	3.731	3.731	(0.442)	822586	6.01583	15.04(R)
	10 Chloromethane	52	3.892	3.892	(0.462)	42835	5.32625	13.32(R)
	11 1,2-Dichlorotetrafluoroethane	135	3.903	3.903	(0.463)	335442	5.58923	13.97(R)
	12 Methanol	31	4.011	4.011	(0.476)	27890	6.05688	15.14(R)
	13 Vinyl Chloride	62	4.048	4.048	(0.480)	159630	5.33565	13.34(R)
	14 n-Butane	43	4.129	4.129	(0.490)	203505	5.55005	13.88(R)
	15 1,3-Butadiene	54	4.129	4.129	(0.490)	103191	5.47606	13.69(R)

Data File: /var/chem/gcms/me.i/E022608.b/elcsb26a.d
Report Date: 27-Feb-2008 07:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
16	Bromomethane	94	4.414	4.414	(0.523)	172258	5.39250	13.48(R)
17	Chloroethane	64	4.543	4.543	(0.539)	64814	5.29141	13.23(R)
18	Vinyl Bromide	106	4.812	4.812	(0.571)	159362	5.36155	13.40(R)
19	2-methyl butane	43	4.866	4.866	(0.577)	141331	5.42578	13.56(R)
20	Trichlorofluoromethane	101	5.060	5.060	(0.600)	745976	5.79225	14.48(R)
21	Acrolein	56	5.065	5.065	(0.601)	34861	5.24546	13.11(R)
22	Acetonitrile	40	5.124	5.124	(0.608)	34827	5.28859	13.22(R)
23	Acetone	58	5.183	5.183	(0.615)	49647	6.42569	16.06(R)
24	Pentane	72	5.269	5.269	(0.625)	21980	5.63030	14.08(R)
25	Isopropyl Alcohol	45	5.253	5.253	(0.623)	222423	5.28406	13.21(R)
26	Ethyl Ether	31	5.436	5.436	(0.645)	100885	5.52493	13.81(R)
27	1,1-Dichloroethene	96	5.705	5.705	(0.677)	97393	4.73491	11.84
28	Acrylonitrile	53	5.807	5.807	(0.689)	46425	4.74440	11.86
29	tert-butanol	59	5.813	5.813	(0.689)	288744	5.05856	12.65
30	1,1,2-Trichlorotrifluoroethane	101	5.883	5.883	(0.698)	231424	4.61540	11.54
31	Methylene Chloride	84	6.023	6.023	(0.714)	83236	4.43112	11.08
32	3-Chloropropene	39	6.044	6.044	(0.717)	133691	4.98897	12.47
33	Carbon Disulfide	76	6.162	6.162	(0.731)	356788	4.60634	11.52
34	trans-1,2-Dichloroethene	96	6.786	6.786	(0.805)	99535	4.54195	11.35
35	Methyl-t-Butyl Ether	73	6.953	6.953	(0.825)	319133	5.15720	12.89
36	1,1-Dichloroethane	63	7.185	7.185	(0.852)	186821	4.62634	11.56
37	Vinyl Acetate	43	7.314	7.314	(0.867)	210702	5.74037	14.35(R)
38	Hexane	56	7.766	7.766	(0.921)	83193	4.74918	11.87
39	2-Butanone	72	7.760	7.760	(0.920)	39222	5.26337	13.16(R)
40	cis 1,2-Dichloroethene	96	8.126	8.126	(0.964)	79290	4.40503	11.01
41	Ethyl acetate	45	8.363	8.363	(0.992)	25285	5.37244	13.43(R)
42	Chloroform	83	8.454	8.454	(1.003)	297258	4.89771	12.24
43	Tetrahydrofuran	42	8.901	8.901	(1.056)	84737	5.35108	13.38(R)
44	1,1,1-Trichloroethane	97	9.460	9.460	(1.122)	372594	4.86016	12.15
45	1,2-Dichloroethane	62	9.557	9.557	(0.899)	213186	4.62685	11.57
48	Cyclohexane	69	10.068	10.068	(0.947)	51930	4.54917	11.37
46	Benzene	78	10.052	10.052	(0.946)	207732	3.69056	9.226
47	1-Butanol	31	10.063	10.063	(0.947)	40037	3.87262	9.682
49	Carbon Tetrachloride	117	10.079	10.079	(0.948)	476314	4.79333	11.98
50	2,2,4-trimethylpentane	57	10.880	10.880	(1.024)	446402	4.60897	11.52
51	Heptane	43	11.268	11.268	(1.060)	177589	4.83251	12.08
52	1,2-Dichloropropane	63	11.300	11.300	(1.063)	82618	4.58931	11.47
53	Trichloroethene	130	11.338	11.338	(1.067)	106731	4.26213	10.66
54	Dibromomethane	93	11.397	11.397	(1.072)	147114	4.38537	10.96
55	Bromodichloromethane	83	11.558	11.558	(1.088)	320897	4.65941	11.65
56	1,4-dioxane	88	11.623	11.623	(1.094)	50764	4.37454	10.94
57	methyl methacrylate	41	11.720	11.720	(1.103)	137390	5.47822	13.70(R)
58	4-Methyl-2-pentanone	43	12.586	12.586	(1.184)	191596	4.35653	10.89
59	cis-1,3-Dichloropropene	75	12.596	12.596	(1.185)	155494	4.47920	11.20
60	trans-1,3-Dichloropropene	75	13.312	13.312	(0.864)	183194	4.46521	11.16
61	Toluene	91	13.430	13.430	(0.871)	245552	3.47823	8.696
62	1,1,2-Trichloroethane	97	13.500	13.500	(0.876)	90096	4.26081	10.65

Data File: /var/chem/gcms/me.i/E022608.b/elcsb26a.d
Report Date: 27-Feb-2008 07:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
63	2-Hexanone	58	13.941	13.941	(0.904)	76834	3.66316	9.158
64	Octane	85	14.183	14.183	(0.920)	94050	4.43363	11.08
65	Dibromochloromethane	129	14.194	14.194	(0.921)	231016	4.52000	11.30
66	1,2-Dibromoethane	107	14.490	14.490	(0.940)	149041	4.34336	10.86
67	Tetrachloroethene	129	14.581	14.581	(0.946)	122352	4.32020	10.80
68	Chlorobenzene	112	15.464	15.464	(1.003)	191054	4.15778	10.39
69	Ethylbenzene	91	15.776	15.776	(1.023)	389592	4.67720	11.69
70	m&p-Xylene	91	15.942	15.942	(1.034)	679164	9.51389	23.78
72	Nonane	57	16.410	16.410	(1.065)	183018	4.75121	11.88
71	Bromoform	173	16.351	16.351	(1.061)	265892	4.74859	11.87
73	Styrene	104	16.400	16.400	(1.064)	195022	4.71298	11.78
74	o-Xylene	91	16.464	16.464	(1.068)	361233	4.85133	12.13
75	1,1,2,2-Tetrachloroethane	83	16.776	16.776	(1.088)	224370	4.66403	11.66
76	1,2,3-Trichloropropane	110	16.938	16.938	(1.099)	77796	4.92412	12.31
77	Cumene	105	17.067	17.067	(1.107)	455966	4.55502	11.39
78	n-Propylbenzene	120	17.616	17.616	(1.143)	98481	4.59904	11.50
79	2-chlorotoluene	126	17.642	17.642	(1.144)	85915	4.38996	10.97
80	4-Ethyltoluene	105	17.772	17.772	(1.153)	449983	4.71189	11.78
81	1,3,5-Trimethylbenzene	120	17.852	17.852	(1.158)	145168	4.52911	11.32
82	Alpha-Methylstyrene	118	18.078	18.078	(1.173)	140485	4.36430	10.91
83	Decane	57	18.191	18.191	(1.180)	225584	4.66162	11.65
84	tert-butylbenzene	119	18.288	18.288	(1.186)	395751	4.63556	11.59
85	1,2,4-Trimethylbenzene	105	18.299	18.299	(1.187)	414235	4.72679	11.82
86	sec-butylbenzene	105	18.562	18.562	(1.204)	541210	4.65417	11.64
87	1,3-Dichlorobenzene	146	18.552	18.552	(1.203)	208809	4.10087	10.25
88	Benzyl Chloride	91	18.632	18.632	(1.209)	402417	4.47812	11.20
89	1,4-Dichlorobenzene	146	18.643	18.643	(1.209)	204607	4.13413	10.34
90	p-Cymene	119	18.734	18.734	(1.215)	420319	4.27972	10.70
91	1,2-Dichlorobenzene	146	19.003	19.003	(1.233)	192086	3.95353	9.884
92	n-butylbenzene	91	19.176	19.176	(1.244)	454252	4.33627	10.84
93	Undecane	57	19.531	19.531	(1.267)	225543	4.02338	10.06
94	Dodecane	57	20.601	20.601	(1.336)	223786	4.02762	10.07
95	1,2,4-Trichlorobenzene	180	20.730	20.730	(1.345)	194250	3.58371	8.959
96	Napthalene	128	20.865	20.865	(1.353)	290825	4.24633	10.62
97	Hexachlorobutadiene	225	21.102	21.102	(1.369)	322433	3.76109	9.403
98	1,2,3-trichlorobenzene	180	21.150	21.150	(1.372)	188634	3.31648	8.291

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/gcms/me.i/E022608.b/elcsb26a.d
Report Date: 27-Feb-2008 07:11

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: me.i
Lab File ID: elcsb26a.d
Lab Smp Id: KHNDP1AC
Analysis Type: OTHER
Quant Type: ISTD
Operator: 7126
Method File: /var/chem/gcms/me.i/E022608.b/TO155.m
Misc Info: E022608,TO155,,,

Calibration Date: 26-FEB-2008
Calibration Time: 09:31

Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	68800	40936	96664	68800	0.00
2 1,4-Difluorobenze	353524	210347	496701	353524	0.00
3 Chlorobenzene-d5	329407	195997	462817	329407	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	8.43	8.10	8.76	8.43	0.00
2 1,4-Difluorobenze	10.63	10.30	10.96	10.63	0.00
3 Chlorobenzene-d5	15.42	15.09	15.75	15.42	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: /var/chem/gcms/me.i/E022608.b/elcsb26a.d
Report Date: 27-Feb-2008 07:11

TestAmerica Knoxville

RECOVERY REPORT

Client Name: Client SDG: E022608
Sample Matrix: GAS Fraction: OTHER
Lab Smp Id: KHNDP1AC
Level: LOW Operator: 7126
Data Type: MS DATA SampleType: LCS
SpikeList File: all.spk Quant Type: ISTD
Sublist File: 1-all.sub
Method File: /var/chem/gcms/me.i/E022608.b/TO155.m
Misc Info: E022608,TO155,,,

SPIKE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
7 Chlorodifluorometh	10.00	15.23	152.31*	70-130
8 Propene	10.00	14.05	140.50*	70-130
9 Dichlorodifluorome	10.00	15.04	150.40*	70-130
10 Chloromethane	10.00	13.32	133.16*	70-130
11 1,2-Dichlorotetraf	10.00	13.97	139.73*	70-130
12 Methanol	10.00	15.14	151.42*	70-130
13 Vinyl Chloride	10.00	13.34	133.39*	70-130
14 n-Butane	10.00	13.88	138.75*	70-130
15 1,3-Butadiene	10.00	13.69	136.90*	70-130
16 Bromomethane	10.00	13.48	134.81*	70-130
17 Chloroethane	10.00	13.23	132.29*	70-130
18 Vinyl Bromide	10.00	13.40	134.04*	70-130
19 2-methyl butane	10.00	13.56	135.64*	70-130
20 Trichlorofluoromet	10.00	14.48	144.81*	70-130
21 Acrolein	10.00	13.11	131.14*	70-130
22 Acetonitrile	10.00	13.22	132.21*	70-130
23 Acetone	10.00	16.06	160.64*	70-130
24 Pentane	10.00	14.08	140.76*	70-130
25 Isopropyl Alcohol	10.00	13.21	132.10*	70-130
26 Ethyl Ether	10.00	13.81	138.12*	70-130
27 1,1-Dichloroethene	10.00	11.84	118.37	70-130
29 tert-butanol	10.00	12.65	126.46	70-130
28 Acrylonitrile	10.00	11.86	118.61	70-130
30 1,1,2-Trichlorotri	10.00	11.54	115.38	70-130
31 Methylene Chloride	10.00	11.08	110.78	70-130
32 3-Chloropropene	10.00	12.47	124.72	70-130
33 Carbon Disulfide	10.00	11.52	115.16	70-130
	0.000	0.000	*	0-0
34 trans-1,2-Dichloro	10.00	11.35	113.55	70-130
35 Methyl-t-Butyl Eth	10.00	12.89	128.93	70-130
36 1,1-Dichloroethane	10.00	11.56	115.66	70-130
37 Vinyl Acetate	10.00	14.35	143.51*	70-130
39 2-Butanone	10.00	13.16	131.58*	70-130

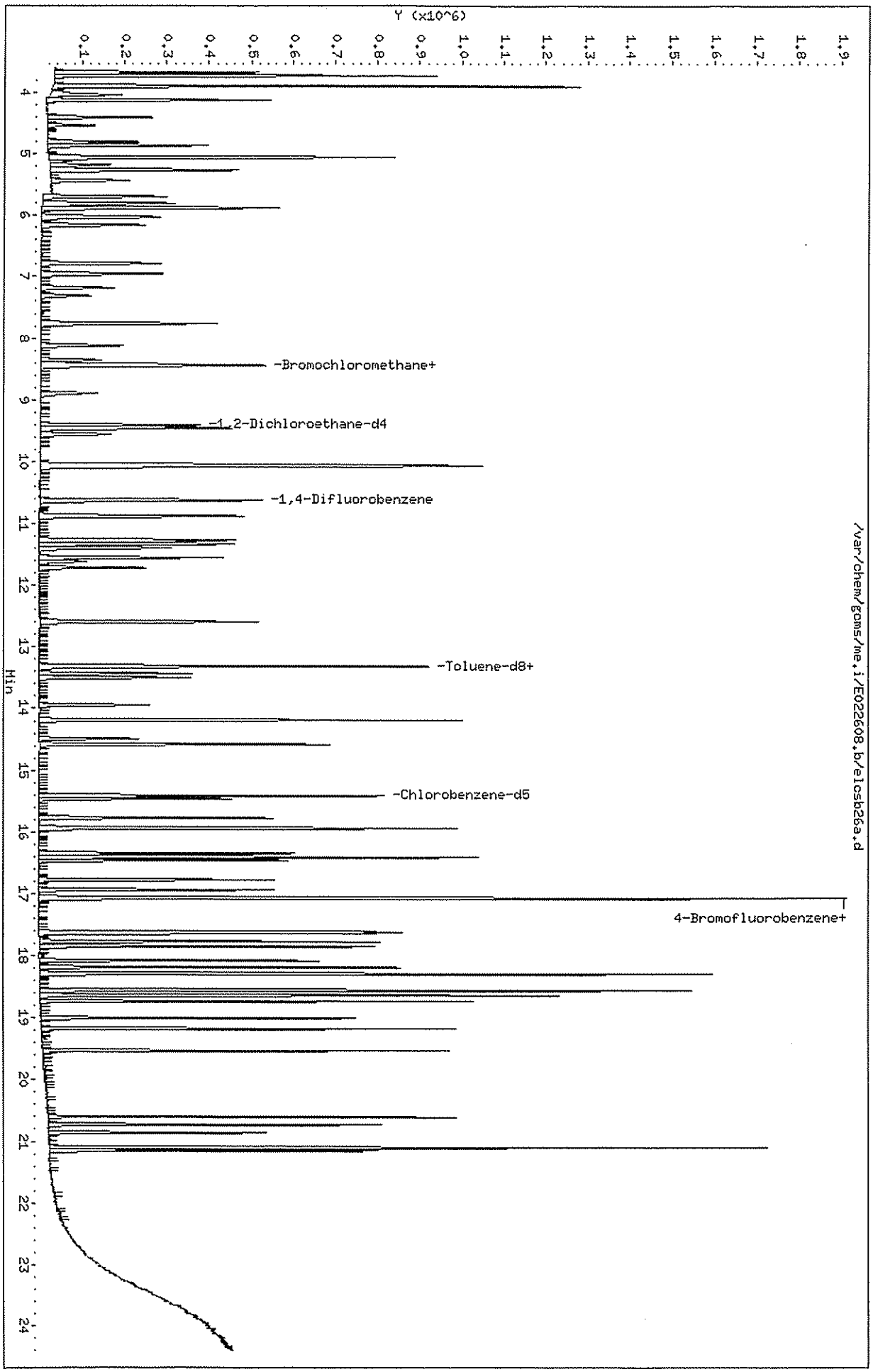
Data File: /var/chem/gcms/me.i/E022608.b/elcsb26a.d
Report Date: 27-Feb-2008 07:11

SPIKE	COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
38	Hexane	10.00	11.87	118.73	70-130
40	cis 1,2-Dichloroet	10.00	11.01	110.13	70-130
41	Ethyl acetate	10.00	13.43	134.31*	70-130
42	Chloroform	10.00	12.24	122.44	70-130
43	Tetrahydrofuran	10.00	13.38	133.78*	70-130
44	1,1,1-Trichloroeth	10.00	12.15	121.50	70-130
45	1,2-Dichloroethane	10.00	11.57	115.67	70-130
47	1-Butanol	10.00	9.682	96.82	70-130
46	Benzene	10.00	9.226	92.26	70-130
48	Cyclohexane	10.00	11.37	113.73	70-130
49	Carbon Tetrachlori	10.00	11.98	119.83	70-130
50	2,2,4-trimethylpen	10.00	11.52	115.22	70-130
51	Heptane	10.00	12.08	120.81	70-130
52	1,2-Dichloropropan	10.00	11.47	114.73	70-130
53	Trichloroethene	10.00	10.66	106.55	70-130
54	Dibromomethane	10.00	10.96	109.63	70-130
55	Bromodichlorometha	10.00	11.65	116.49	70-130
56	1,4-dioxane	10.00	10.94	109.36	70-130
57	methyl methacrylat	10.00	13.70	136.96*	70-130
58	4-Methyl-2-pentano	10.00	10.89	108.91	70-130
59	cis-1,3-Dichloropr	10.00	11.20	111.98	70-130
60	trans-1,3-Dichloro	10.00	11.16	111.63	70-130
61	Toluene	10.00	8.696	86.96	70-130
62	1,1,2-Trichloroeth	10.00	10.65	106.52	70-130
63	2-Hexanone	10.00	9.158	91.58	70-130
64	Octane	10.00	11.08	110.84	70-130
65	Dibromochlorometha	10.00	11.30	113.00	70-130
66	1,2-Dibromoethane	10.00	10.86	108.58	70-130
67	Tetrachloroethene	10.00	10.80	108.00	70-130
68	Chlorobenzene	10.00	10.39	103.94	70-130
69	Ethylbenzene	10.00	11.69	116.93	70-130
70	m&p-Xylene	20.00	23.78	118.92	70-130
72	Nonane	10.00	11.88	118.78	70-130
71	Bromoform	10.00	11.87	118.71	70-130
73	Styrene	10.00	11.78	117.82	70-130
74	o-Xylene	10.00	12.13	121.28	70-130
75	1,1,2,2-Tetrachlor	10.00	11.66	116.60	70-130
76	1,2,3-Trichloropro	10.00	12.31	123.10	70-130
77	Cumene	10.00	11.39	113.88	70-130
		0.000	0.000	*	0-0
78	n-Propylbenzene	10.00	11.50	114.98	70-130
		0.000	0.000	*	0-0
79	2-chlorotoluene	10.00	10.97	109.75	70-130
80	4-Ethyltoluene	10.00	11.78	117.80	70-130
81	1,3,5-Trimethylben	10.00	11.32	113.23	70-130
82	Alpha-Methylstyren	10.00	10.91	109.11	70-130
		0.000	0.000	*	0-0

Data File: /var/chem/gcms/me.i/E022608.b/elcsb26a.d
Report Date: 27-Feb-2008 07:11

SPIKE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
83 Decane	10.00	11.65	116.54	70-130
84 tert-butylbenzene	10.00	11.59	115.89	70-130
85 1,2,4-Trimethylben	10.00	11.82	118.17	70-130
86 sec-butylbenzene	10.00	11.64	116.35	70-130
87 1,3-Dichlorobenzen	10.00	10.25	102.52	70-130
88 Benzyl Chloride	10.00	11.20	111.95	70-130
89 1,4-Dichlorobenzen	10.00	10.34	103.35	70-130
90 p-Cymene	10.00	10.70	106.99	70-130
	0.000	0.000	*	0-0
91 1,2-Dichlorobenzen	10.00	9.884	98.84	70-130
92 n-butylbenzene	10.00	10.84	108.41	70-130
93 Undecane	10.00	10.06	100.58	70-130
	0.000	0.000	*	0-0
	0.000	0.000	*	0-0
94 Dodecane	10.00	10.07	100.69	70-130
95 1,2,4-Trichloroben	10.00	8.959	89.59	70-130
96 Napthalene	10.00	10.62	106.16	70-130
97 Hexachlorobutadien	10.00	9.403	94.03	70-130
98 1,2,3-trichloroben	10.00	8.291	82.91	70-130

SURROGATE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	10.00	12.12	121.17	70-130
$ 5 Toluene-d8	10.00	10.44	104.44	70-130
$ 6 4-Bromofluorobenze	10.00	11.41	114.12	70-130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Date : 26-FEB-2008 09:31
Client ID:
Sample Info: KH%DP1AC,,3,5,,,CCV
Purge Volume: 200.0
Column phase: HP-5
Instrument: me.i
Operator: 7126
Column diameter: 0.32
Y (x10^6)
/var/chem/gcms/me.i/E022608.b/elosb26a.d
-Bromochloromethane+
-1,2-Dichloroethane-d4
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
4-Bromofluorobenzene+
Min

TestAmerica Buffalo

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H8B270000 - 104B **Work Order #** KHNGE1AA **Matrix.....:** AIR

Prep Date.....: 2/26/08
Prep Batch #.....: 8058104
Dilution Factor.: 1

Date Received..: 2/21/08
Analysis Date... 2/26/08
Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND		0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.080	ND		0.56
Ethylbenzene	ND	0.080	ND		0.35
Trichlorofluoromethane	ND	0.080	ND		0.45
n-Heptane	ND	0.20	ND		0.82
Hexachlorobutadiene	ND	0.080	ND		0.85
n-Hexane	ND	0.20	ND		0.70
2,2,4-Trimethylpentane	ND	0.20	ND		0.93
Cumene	ND	0.16	ND		0.79
Methylene chloride	**0.034**	**0.20**	**0.12**	**J**	**0.69**
2-Methylnaphthalene	ND	1.0	ND		5.8
Naphthalene	ND	0.16	ND		0.84
Benzene	ND	0.080	ND		0.26
n-Octane	ND	0.16	ND		0.75
Pentane	ND	0.32	ND		0.94
Styrene	ND	0.080	ND		0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND		0.55
Tetrachloroethene	ND	0.080	ND		0.54
Toluene	ND	0.080	ND		0.30
1,2,4-Trichlorobenzene	ND	0.40	ND		0.59
1,1,1-Trichloroethane	ND	0.080	ND		0.44
1,1,2-Trichloroethane	ND	0.080	ND		0.44
Trichloroethene	ND	0.040	ND		0.21
1,2,4-Trimethylbenzene	ND	0.080	ND		0.39
1,3,5-Trimethylbenzene	ND	0.080	ND		0.39
Vinyl chloride	ND	0.080	ND		0.20
o-Xylene	ND	0.080	ND		0.35
1-Methylnaphthalene	ND	1.0	ND		5.8
Methyl tert-butyl ether	ND	0.16	ND		0.58
n-Decane	ND	0.40	ND		2.3
n-Dodecane	ND	0.40	ND		2.8
n-Undecane	ND	0.40	ND		2.6
1,1,2-Trichlorotrifluoroethane	ND	0.080	ND		0.61
Nonane	ND	0.16	ND		0.84
m-Xylene & p-Xylene	ND	0.080	ND		0.35
1,2-Dibromoethane (EDB)	ND	0.080	ND		0.61
n-Butane	ND	0.16	ND		0.38
Bromomethane	ND	0.080	ND		0.31
Indene	ND	0.16	ND		0.76

TestAmerica Buffalo

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H8B270000 - 104B **Work Order #** KHNGE1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Thiophene	ND	0.080	ND	0.28
Carbon tetrachloride	ND	0.080	ND	0.25
Chlorobenzene	ND	0.080	ND	0.37
1,2,3-Trimethylbenzene	ND	0.080	ND	0.39
Chloroethane	ND	0.080	ND	0.21
Chloroform	ND	0.080	ND	0.39
Chloromethane	ND	0.20	ND	0.41
2-Methylbutane	ND	0.20	ND	0.59
Indane	ND	0.080	ND	0.39
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	ND	0.080	ND	0.40
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

TENTATIVELY INDENTIFIED COMPOUNDS	RESULT	UNITS
None		

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	106	70 - 130
Toluene-d8	103	70 - 130
4-Bromofluorobenzene	113	70 - 130

Qualifiers

J Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/mg.i/G022608.b/gblkb26.d
Report Date: 27-Feb-2008 14:06

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/gblkb26.d
Lab Smp Id: KHNGE1AA Client Smp ID: INTRA-LAB BLANK
Inj Date : 26-FEB-2008 09:33
Operator : 3386 Inst ID: mg.i
Smp Info : KHNGE1AA,,3,,,BLK
Misc Info : G022608,TO155,,,,,
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 27-Feb-2008 13:21 layk Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 25 QC Sample: METHOD BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	500.00000	Default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
*	1 Bromochloromethane	128	9.475	9.475	(1.000)	179008	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.621	11.621	(1.000)	735844	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.275	16.280	(1.000)	605698	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.483	10.489	(0.902)	212678	4.21978	4.220
$	5 Toluene-d8	98	14.215	14.215	(0.873)	540050	4.11916	4.119
$	6 4-Bromofluorobenzene	95	17.892	17.892	(1.099)	494015	4.51334	4.513
	25 Isopropyl Alcohol	45	5.873	5.867	(0.620)	2333	0.02186	0.02186
	31 Methylene Chloride	84	6.795	6.811	(0.717)	1720	0.03400	0.03400

2-27-08

Data File: /var/chem/gcms/mg.i/G022608.b/gblkb26.d
Report Date: 27-Feb-2008 14:06

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: gblkb26.d
Lab Smp Id: KHNGE1AA
Analysis Type: OTHER
Quant Type: ISTD
Operator: 3386
Method File: /var/chem/gcms/mg.i/G022608.b/TO155.m
Misc Info: G022608,TO155,,,,,

Calibration Date: 26-FEB-2008
Calibration Time: 07:50
Client Smp ID: INTRA-LAB BLANK
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	249595	148509	350681	179008	-28.28
2 1,4-Difluorobenze	931673	554345	1309001	735844	-21.02
3 Chlorobenzene-d5	803231	477922	1128540	605698	-24.59

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	9.47	9.14	9.80	9.47	0.00
2 1,4-Difluorobenze	11.62	11.29	11.95	11.62	0.00
3 Chlorobenzene-d5	16.28	15.95	16.61	16.27	-0.03

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: /var/chem/gcms/mg.i/G022608.b/gblkb26.d
Report Date: 27-Feb-2008 14:06

TestAmerica Knoxville

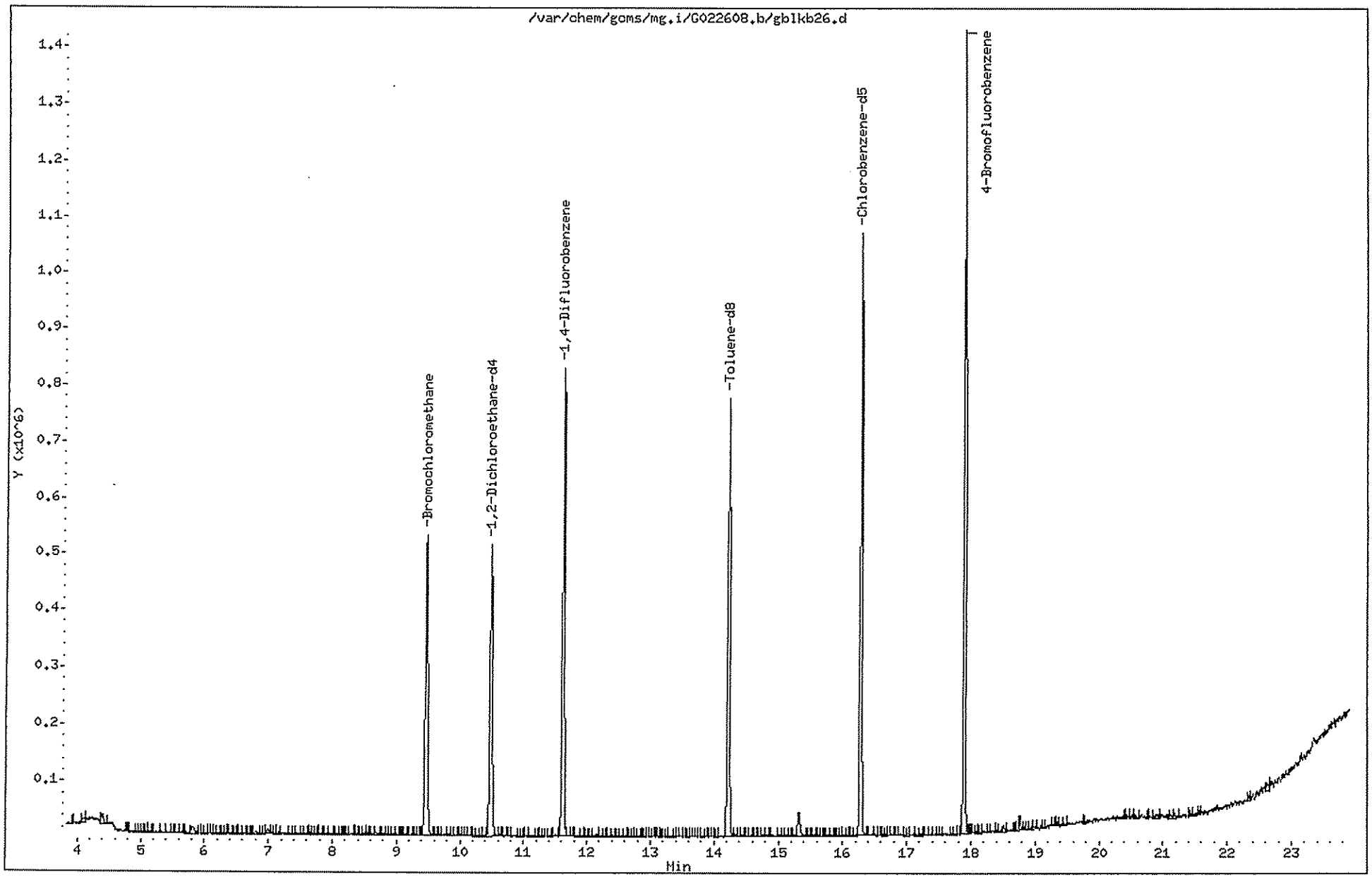
RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: KHNGE1AA
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: all.sub
Client SDG: H8B270000
Fraction: OTHER
Client Smp ID: INTRA-LAB BLANK
Operator: 3386
SampleType: METHOD BLANK
Quant Type: ISTD
Method File: /var/chem/gcms/mg.i/G022608.b/TO155.m
Misc Info: G022608,TO155,,,,,

SURROGATE COMPOUND	CONC ADDED ppb (v/v)	CONC RECOVERED ppb (v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	4.000	4.220	105.49	70-130
$ 5 Toluene-d8	4.000	4.119	102.98	70-130
$ 6 4-Bromofluorobenze	4.000	4.513	112.83	70-130

Data File: /var/chem/gcms/mg.i/G022608.b/gblkb26.d
Date : 26-FEB-2008 09:33
Client ID: INTRA-LAB BLANK
Sample Info: KHNGE1AA,,3,,,BLK
Purge Volume: 500.0
Column phase: RTX-5

Instrument: mg.i
Operator: 3386
Column diameter: 0.32



Data File: /var/chem/gcms/mg.i/G022608.b/gblkb26.d

Date : 26-FEB-2008 09:33

Client ID: INTRA-LAB BLANK

Instrument: mg.i

Sample Info: KHNGE1AA,,3,,,BLK

Purge Volume: 500.0

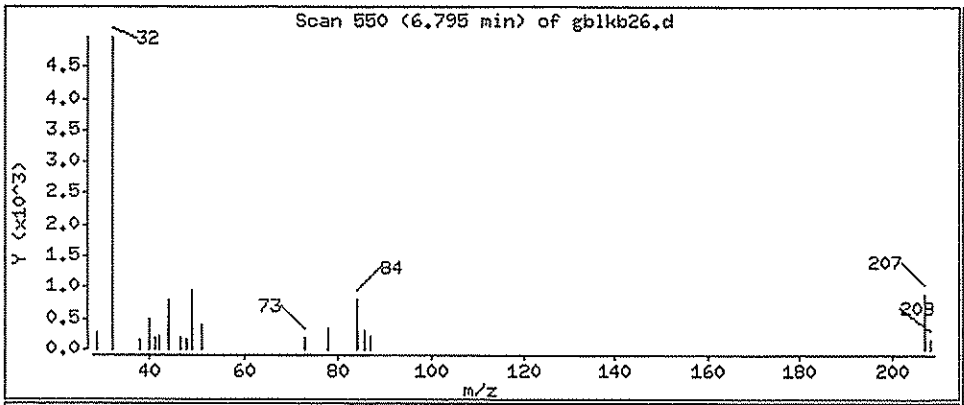
Operator: 3386

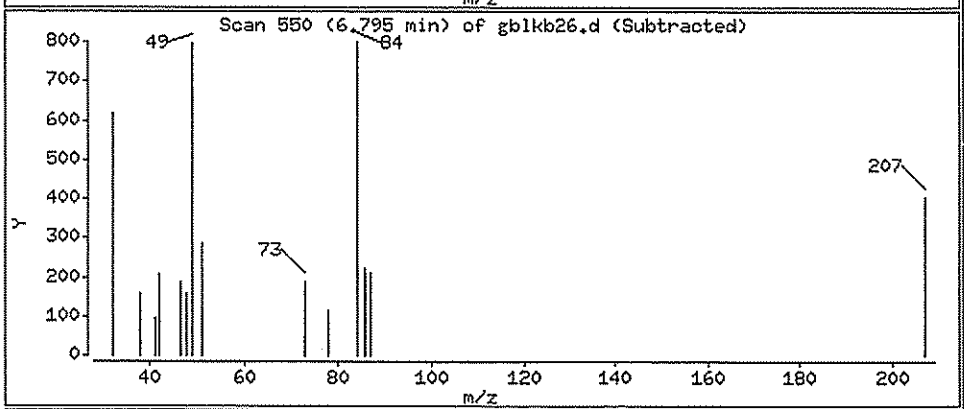
Column phase: RTX-5

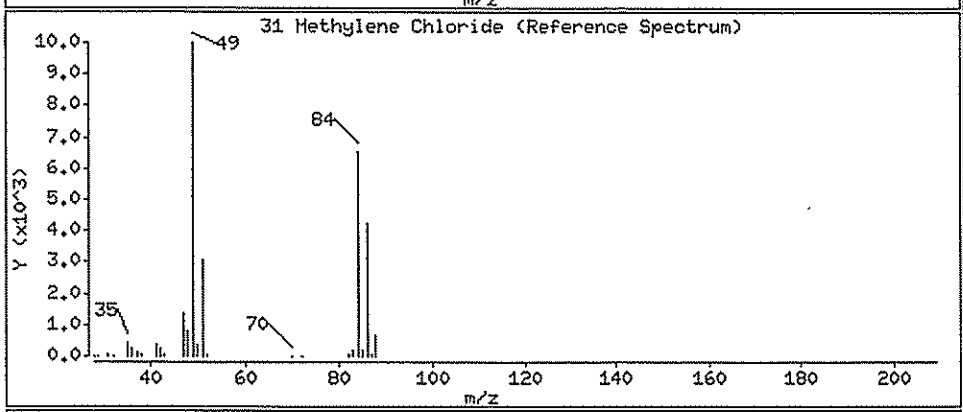
Column diameter: 0.32

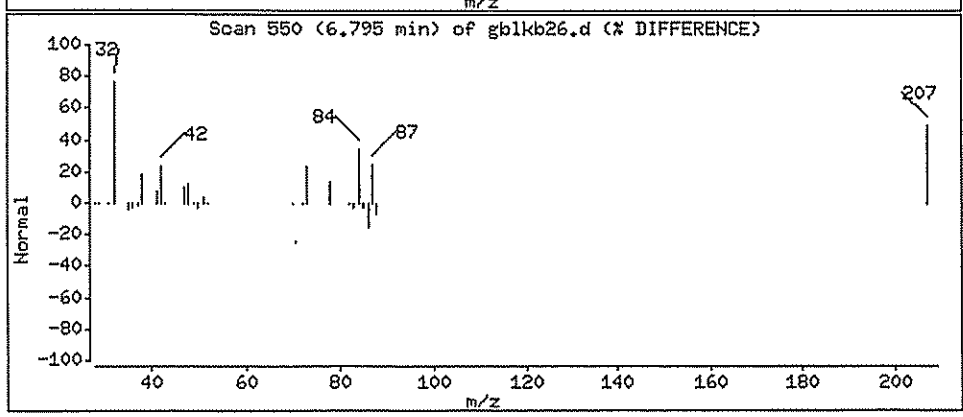
31 Methylene Chloride

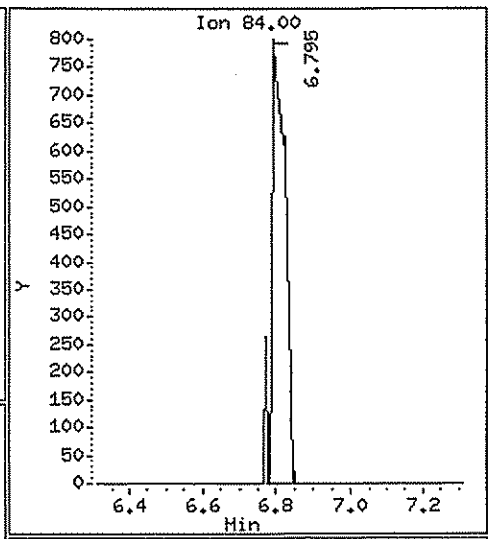
Concentration: 0.03400 ppb(v/v)

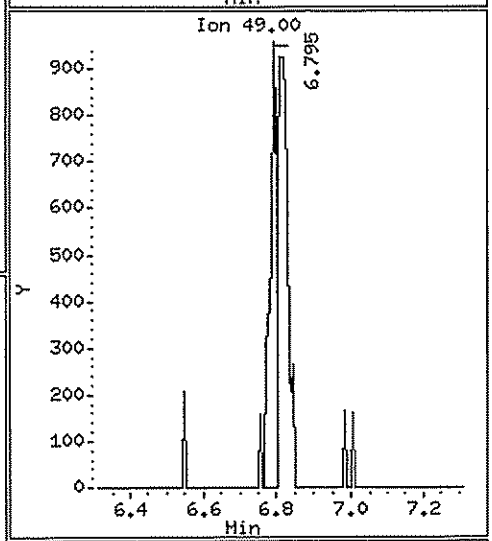


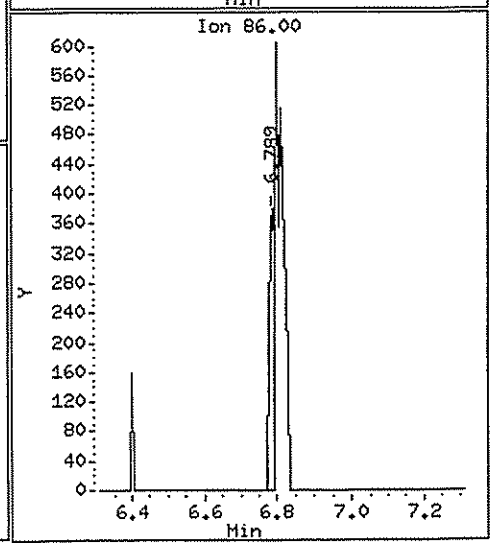












Data File: /var/chem/gcms/mg.i/G022608.b/gblkb26.d
Report Date: 27-Feb-2008 14:06

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/gblkb26.d
Lab Smp Id: KHNGE1AA Client Smp ID: INTRA-LAB BLANK
Inj Date : 26-FEB-2008 09:33
Operator : 3386 Inst ID: mg.i
Smp Info : KHNGE1AA,,3,,,BLK
Misc Info : G022608,TO155,,,,,
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 27-Feb-2008 13:21 layk Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 25 QC Sample: METHOD BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: qmidhp01

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

TestAmerica Buffalo

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H8B270000 - 104C **Work Order #** KHNGE1AC **Matrix.....:** AIR

Prep Date.....: 2/26/08
Prep Batch #.....: 8058104
Dilution Factor.: 1

Date Received..: 2/21/08
Analysis Date... 2/26/08

Method.....: TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
Benzene	10.0	8.62	32	28	86	70 - 130
Toluene	10.0	10.8	38	41	108	70 - 130
Trichloroethene	10.0	9.52	54	51	95	70 - 130
Chlorobenzene	10.0	9.25	46	43	93	70 - 130
1,1-Dichloroethene	10.0	7.19	40	28	72	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	95	70 - 130
Toluene-d8	106	70 - 130
4-Bromofluorobenzene	107	70 - 130

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data File: /var/chem/gcms/mg.i/G022608.b/glcsb26a.d
Report Date: 27-Feb-2008 14:07

TestAmerica Knoxville

Modified Method TO-14/TO-15

Data file : /var/chem/gcms/mg.i/G022608.b/glcsb26a.d
Lab Smp Id: KHNGE1AC Client Smp ID: LCS
Inj Date : 26-FEB-2008 07:50
Operator : 3386 Inst ID: mg.i
Smp Info : KHNGE1AC,,3,,,LCS
Misc Info : G022608,TO155,,,,,
Comment :
Method : /var/chem/gcms/mg.i/G022608.b/TO155.m
Meth Date : 27-Feb-2008 13:21 layk Quant Type: ISTD
Cal Date : 26-FEB-2008 10:12 Cal File: nyextra.d
Als bottle: 23 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-all.sub
Target Version: 3.50
Processing Host: qmidhp01

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Default calibration vol
Vo	200.00000	Default sample volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
*	1 Bromochloromethane	128	9.475	9.475	(1.000)	249595	4.00000	4.000
*	2 1,4-Difluorobenzene	114	11.621	11.621	(1.000)	931673	4.00000	4.000
*	3 Chlorobenzene-d5	117	16.280	16.280	(1.000)	803231	4.00000	4.000
$	4 1,2-Dichloroethane-d4	67	10.489	10.489	(0.903)	242754	3.80414	9.510
$	5 Toluene-d8	98	14.215	14.215	(0.873)	739725	4.25462	10.64
$	6 4-Bromofluorobenzene	95	17.892	17.892	(1.099)	621487	4.28160	10.70
	7 Chlorodifluoromethane	67	3.964	3.964	(0.418)	95552	3.63927	9.098
	8 Propene	41	3.975	3.975	(0.419)	170713	2.85213	7.130
	9 Dichlorodifluoromethane	85	4.034	4.034	(0.426)	884656	3.84159	9.604
	10 Chloromethane	52	4.239	4.239	(0.447)	63877	3.90989	9.775
	11 1,2-Dichlorotetrafluoroethane	135	4.239	4.239	(0.447)	316083	3.18439	7.961
	12 Methanol	31	4.368	4.368	(0.461)	65663	5.54417	13.86(R)
	13 Vinyl Chloride	62	4.428	4.428	(0.467)	234543	3.71432	9.286
	14 n-Butane	43	4.525	4.525	(0.478)	357536	3.80672	9.517
	15 1,3-Butadiene	54	4.525	4.525	(0.478)	167035	3.98554	9.964

Data File: /var/chem/gcms/mg.i/G022608.b/glcsb26a.d
Report Date: 27-Feb-2008 14:07

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
16 Bromomethane	94	4.891	4.891	(0.516)	240304	3.22272	8.057
17 Chloroethane	64	5.042	5.042	(0.532)	130874	3.09437	7.736
18 Vinyl Bromide	106	5.382	5.382	(0.568)	251981	3.26963	8.174
19 2-methyl butane	43	5.425	5.425	(0.573)	283879	3.22671	8.067
20 Trichlorofluoromethane	101	5.668	5.668	(0.598)	955370	3.59634	8.991
21 Acrolein	56	5.679	5.679	(0.599)	49071	2.92671	7.317
22 Acetonitrile	40	5.760	5.760	(0.608)	72656	2.81918	7.048
23 Acetone	58	5.808	5.808	(0.613)	87588	3.09707	7.743
24 Pentane	72	5.905	5.905	(0.623)	48968	3.36149	8.404
25 Isopropyl Alcohol	45	5.867	5.867	(0.619)	466246	3.13272	7.832
26 Ethyl Ether	31	6.078	6.078	(0.641)	234647	3.76316	9.408
27 1,1-Dichloroethene	96	6.434	6.434	(0.679)	222651	2.87499	7.187
28 Acrylonitrile	53	6.547	6.547	(0.691)	122036	3.24147	8.104
29 tert-butanol	59	6.498	6.498	(0.686)	694698	3.30614	8.265
30 1,1,2-Trichlorotrifluoroethane	101	6.612	6.612	(0.698)	554273	3.33370	8.334
31 Methylene Chloride	84	6.811	6.811	(0.719)	220652	3.12862	7.822
32 3-Chloropropene	39	6.827	6.827	(0.721)	312337	3.56561	8.914
33 Carbon Disulfide	76	6.989	6.989	(0.738)	771796	3.53856	8.846
34 trans-1,2-Dichloroethene	96	7.663	7.663	(0.809)	296505	3.31766	8.294
35 Methyl-t-Butyl Ether	73	7.771	7.771	(0.820)	613451	4.01723	10.04
36 1,1-Dichloroethane	63	8.105	8.105	(0.855)	557561	3.65957	9.149
37 Vinyl Acetate	43	8.197	8.197	(0.865)	355591	3.04639	7.616
38 Hexane	56	8.682	8.682	(0.916)	227977	3.49063	8.726
39 2-Butanone	72	8.671	8.671	(0.915)	82972	3.45641	8.641
40 cis 1,2-Dichloroethene	96	9.124	9.124	(0.963)	295445	3.59522	8.988
41 Ethyl acetate	43	9.297	9.297	(0.981)	364258	3.41446	8.536
42 Chloroform	83	9.480	9.480	(1.001)	726593	4.00612	10.02
43 Tetrahydrofuran	42	9.885	9.885	(1.043)	193643	3.40735	8.518
44 1,1,1-Trichloroethane	97	10.521	10.521	(1.110)	840045	4.26590	10.66
45 1,2-Dichloroethane	62	10.634	10.634	(0.915)	593133	4.03450	10.09
46 Cyclohexane	69	11.103	11.103	(0.955)	135966	3.38119	8.453
47 Benzene	78	11.109	11.109	(0.956)	829767	3.44739	8.618
48 1-Butanol	31	11.012	11.012	(0.948)	130431	3.22376	8.059
49 Carbon Tetrachloride	117	11.125	11.125	(0.957)	849090	3.95899	9.897
50 2,2,4-trimethylpentane	57	11.821	11.821	(1.017)	1384012	3.59557	8.989
51 Heptane	43	12.176	12.176	(1.048)	524256	3.40622	8.516
52 1,2-Dichloropropane	63	12.295	12.295	(1.058)	285630	3.80543	9.514
53 Trichloroethene	130	12.322	12.322	(1.060)	571362	3.80855	9.521
54 Dibromomethane	93	12.419	12.419	(1.069)	407270	3.62288	9.057
55 Bromodichloromethane	83	12.554	12.554	(1.080)	764867	3.89851	9.746
56 1,4-dioxane	88	12.554	12.554	(1.080)	170055	3.40870	8.522
57 methyl methacrylate	41	12.613	12.613	(1.085)	252424	3.45303	8.632
58 4-Methyl-2-pentanone	43	13.449	13.449	(1.157)	558778	3.31431	8.286
59 cis-1,3-Dichloropropene	75	13.525	13.525	(1.164)	504718	3.79070	9.477
60 trans-1,3-Dichloropropene	75	14.204	14.204	(0.872)	567089	3.99815	9.995
61 Toluene	91	14.328	14.328	(0.880)	891462	4.30948	10.77
62 1,1,2-Trichloroethane	97	14.409	14.409	(0.885)	323658	3.94153	9.854

Data File: /var/chem/gcms/mg.i/G022608.b/glcsb26a.d
Report Date: 27-Feb-2008 14:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb(v/v))	CONCENTRATIONS FINAL (ppb(v/v))
63	2-Hexanone	58	14.759	14.759	(0.907)	266714	3.11364	7.784
64	Octane	85	14.975	14.975	(0.920)	320287	3.24093	8.102
65	Dibromochloromethane	129	15.110	15.110	(0.928)	703357	4.02776	10.07
66	1,2-Dibromoethane	107	15.401	15.401	(0.946)	594143	3.97558	9.939
67	Tetrachloroethene	129	15.455	15.455	(0.949)	391572	3.47788	8.695
68	Chlorobenzene	112	16.329	16.329	(1.003)	805551	3.70112	9.253
69	Ethylbenzene	91	16.604	16.604	(1.020)	1028009	3.63106	9.078
70	m&p-Xylene	91	16.760	16.760	(1.029)	1546722	6.65823	16.64
71	Nonane	57	17.148	17.148	(1.053)	621850	3.33752	8.344
72	Bromoform	173	17.229	17.229	(1.058)	726771	4.48727	11.22
73	Styrene	104	17.224	17.224	(1.058)	582887	3.70663	9.266
74	o-Xylene	91	17.283	17.283	(1.062)	803471	3.35834	8.396
75	1,1,2,2-Tetrachloroethane	83	17.607	17.607	(1.081)	554469	2.98895	7.472
76	1,2,3-Trichloropropane	110	17.763	17.763	(1.091)	206724	3.47068	8.677
77	Cumene	105	17.855	17.855	(1.097)	1173709	3.31208	8.280
78	n-Propylbenzene	120	18.367	18.367	(1.128)	306742	3.16784	7.920
79	2-chlorotoluene	126	18.421	18.421	(1.131)	361418	3.69074	9.227
80	4-Ethyltoluene	105	18.507	18.507	(1.137)	1218428	3.26143	8.154
81	1,3,5-Trimethylbenzene	120	18.577	18.577	(1.141)	454384	3.02366	7.559
82	Alpha-Methylstyrene	118	18.798	18.798	(1.155)	479478	3.39755	8.494
83	Decane	57	18.831	18.831	(1.157)	861230	3.37972	8.449
84	tert-butylbenzene	119	18.987	18.987	(1.166)	1125474	3.22069	8.052
85	1,2,4-Trimethylbenzene	105	18.998	18.998	(1.167)	1082547	3.12294	7.807
86	sec-butylbenzene	105	19.246	19.246	(1.182)	1535138	3.09006	7.725
87	1,3-Dichlorobenzene	146	19.273	19.273	(1.184)	897894	3.51123	8.778
88	Benzyl Chloride	91	19.343	19.343	(1.188)	1052523	3.53190	8.830
89	1,4-Dichlorobenzene	146	19.354	19.354	(1.189)	862808	3.47098	8.677
90	p-Cymene	119	19.397	19.397	(1.191)	1366931	3.06513	7.663
91	1,2-Dichlorobenzene	146	19.704	19.704	(1.210)	827196	3.15503	7.888
92	n-butylbenzene	91	19.817	19.817	(1.217)	1252162	2.87998	7.200
93	Undecane	57	20.098	20.098	(1.234)	797654	2.58223	6.456(R)
94	Dodecane	57	21.176	21.176	(1.301)	672471	2.18204	5.455(R)
95	1,2,4-Trichlorobenzene	180	21.424	21.424	(1.316)	588026	2.53858	6.346(R)
96	Napthalene	128	21.570	21.570	(1.325)	1204335	2.40634	6.016(R)
97	Hexachlorobutadiene	225	21.764	21.764	(1.337)	738554	2.95657	7.391
98	1.2.3-trichlorobenzene	180	21.840	21.840	(1.341)	521579	2.23205	5.580(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/gcms/mg.i/G022608.b/glcsb26a.d
Report Date: 27-Feb-2008 14:07

TestAmerica Knoxville

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mg.i
Lab File ID: glcsb26a.d
Lab Smp Id: KHNGE1AC
Analysis Type: OTHER
Quant Type: ISTD
Operator: 3386
Method File: /var/chem/gcms/mg.i/G022608.b/TO155.m
Misc Info: G022608,TO155,,,,,

Calibration Date: 26-FEB-2008
Calibration Time: 07:50
Client Smp ID: LCS
Level: LOW
Sample Type: AIR

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	249595	148509	350681	249595	0.00
2 1,4-Difluorobenze	931673	554345	1309001	931673	0.00
3 Chlorobenzene-d5	803231	477922	1128540	803231	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Bromochloromethan	9.47	9.14	9.80	9.47	0.00
2 1,4-Difluorobenze	11.62	11.29	11.95	11.62	0.00
3 Chlorobenzene-d5	16.28	15.95	16.61	16.28	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: /var/chem/gcms/mg.i/G022608.b/glcsb26a.d
Report Date: 27-Feb-2008 14:07

TestAmerica Knoxville

RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: KHNGE1AC
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: 1-all.sub
Method File: /var/chem/gcms/mg.i/G022608.b/TO155.m
Misc Info: G022608,TO155,,,,,

Client SDG: G022608
Fraction: OTHER
Client Smp ID: LCS
Operator: 3386
SampleType: LCS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ppb(v/v)	CONC RECOVERED ppb(v/v)	% RECOVERED	LIMITS
7	Chlorodifluorometh	10.00	9.098	90.98	70-130
8	Propene	10.00	7.130	71.30	70-130
9	Dichlorodifluorome	10.00	9.604	96.04	70-130
10	Chloromethane	10.00	9.775	97.75	70-130
11	1,2-Dichlorotetraf	10.00	7.961	79.61	70-130
12	Methanol	10.00	13.86	138.60*	70-130
13	Vinyl Chloride	10.00	9.286	92.86	70-130
14	n-Butane	10.00	9.517	95.17	70-130
15	1,3-Butadiene	10.00	9.964	99.64	70-130
16	Bromomethane	10.00	8.057	80.57	70-130
17	Chloroethane	10.00	7.736	77.36	70-130
18	Vinyl Bromide	10.00	8.174	81.74	70-130
19	2-methyl butane	10.00	8.067	80.67	70-130
20	Trichlorofluoromet	10.00	8.991	89.91	70-130
21	Acrolein	10.00	7.317	73.17	70-130
22	Acetonitrile	10.00	7.048	70.48	70-130
23	Acetone	10.00	7.743	77.43	70-130
24	Pentane	10.00	8.404	84.04	70-130
25	Isopropyl Alcohol	10.00	7.832	78.32	70-130
26	Ethyl Ether	10.00	9.408	94.08	70-130
27	1,1-Dichloroethene	10.00	7.187	71.87	70-130
28	Acrylonitrile	10.00	8.104	81.04	70-130
29	tert-butanol	10.00	8.265	82.65	70-130
30	1,1,2-Trichlorotri	10.00	8.334	83.34	70-130
31	Methylene Chloride	10.00	7.822	78.22	70-130
32	3-Chloropropene	10.00	8.914	89.14	70-130
33	Carbon Disulfide	10.00	8.846	88.46	70-130
		0.000	0.000	*	0-0
34	trans-1,2-Dichloro	10.00	8.294	82.94	70-130
35	Methyl-t-Butyl Eth	10.00	10.04	100.43	70-130
36	1,1-Dichloroethane	10.00	9.149	91.49	70-130
37	Vinyl Acetate	10.00	7.616	76.16	70-130
38	Hexane	10.00	8.726	87.27	70-130

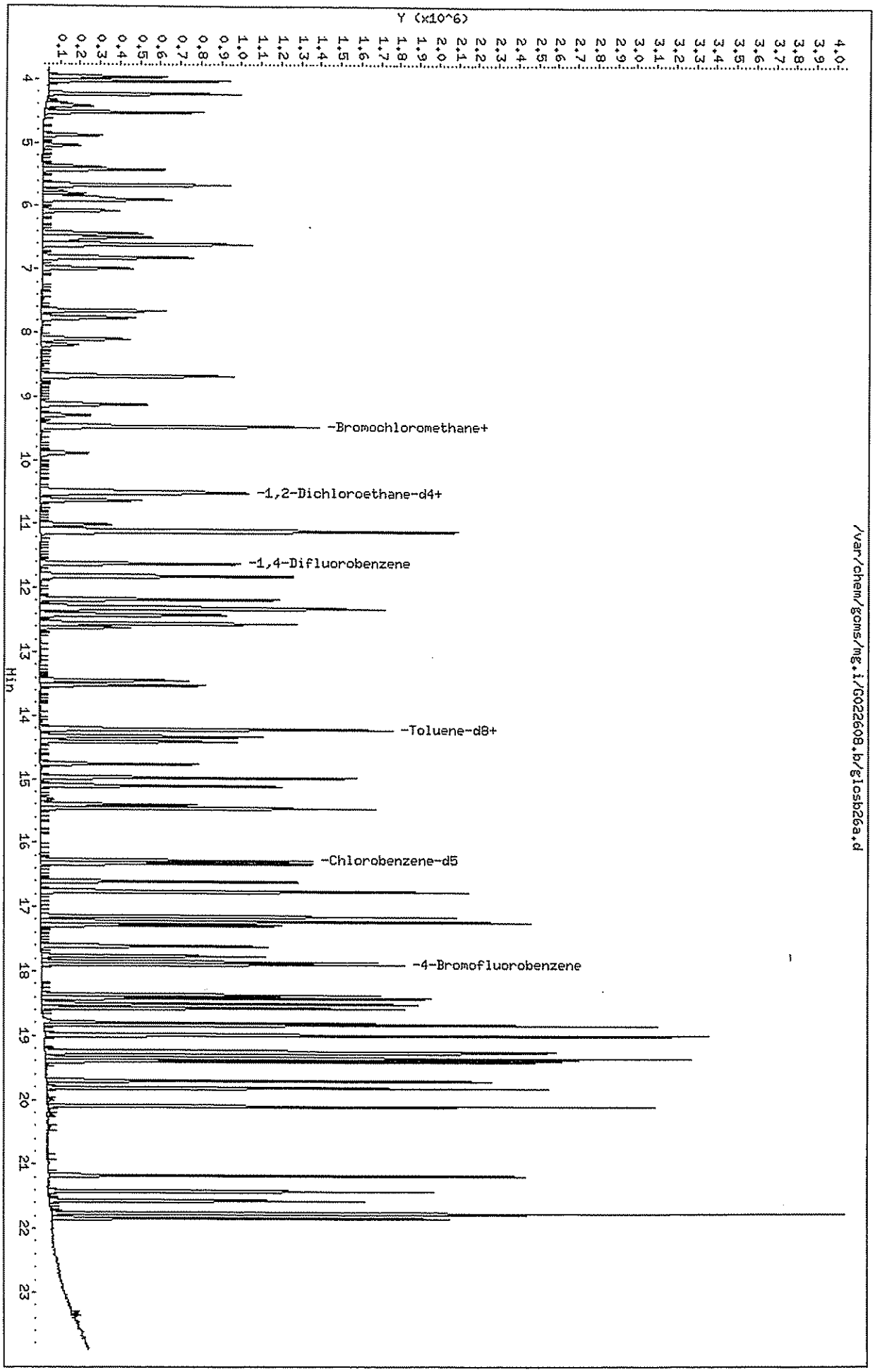
Data File: /var/chem/gcms/mg.i/G022608.b/glcsb26a.d
Report Date: 27-Feb-2008 14:07

SPIKE COMPOUND	CONC ADDED ppb (v/v)	CONC RECOVERED ppb (v/v)	% RECOVERED	LIMITS
39 2-Butanone	10.00	8.641	86.41	70-130
40 cis 1,2-Dichloroet	10.00	8.988	89.88	70-130
41 Ethyl acetate	10.00	8.536	85.36	70-130
42 Chloroform	10.00	10.02	100.15	70-130
43 Tetrahydrofuran	10.00	8.518	85.18	70-130
44 1,1,1-Trichloroeth	10.00	10.66	106.65	70-130
45 1,2-Dichloroethane	10.00	10.09	100.86	70-130
46 Cyclohexane	10.00	8.453	84.53	70-130
47 Benzene	10.00	8.618	86.18	70-130
48 1-Butanol	10.00	8.059	80.59	70-130
49 Carbon Tetrachlori	10.00	9.897	98.97	70-130
50 2,2,4-trimethylpen	10.00	8.989	89.89	70-130
51 Heptane	10.00	8.516	85.16	70-130
52 1,2-Dichloropropan	10.00	9.514	95.14	70-130
53 Trichloroethene	10.00	9.521	95.21	70-130
54 Dibromomethane	10.00	9.057	90.57	70-130
55 Bromodichlorometha	10.00	9.746	97.46	70-130
56 1,4-dioxane	10.00	8.522	85.22	70-130
57 methyl methacrylat	10.00	8.632	86.33	70-130
58 4-Methyl-2-pentano	10.00	8.286	82.86	70-130
59 cis-1,3-Dichloropr	10.00	9.477	94.77	70-130
60 trans-1,3-Dichloro	10.00	9.995	99.95	70-130
61 Toluene	10.00	10.77	107.74	70-130
62 1,1,2-Trichloroeth	10.00	9.854	98.54	70-130
63 2-Hexanone	10.00	7.784	77.84	70-130
64 Octane	10.00	8.102	81.02	70-130
65 Dibromochlorometha	10.00	10.07	100.69	70-130
66 1,2-Dibromoethane	10.00	9.939	99.39	70-130
67 Tetrachloroethene	10.00	8.695	86.95	70-130
68 Chlorobenzene	10.00	9.253	92.53	70-130
69 Ethylbenzene	10.00	9.078	90.78	70-130
70 m&p-Xylene	20.00	16.64	83.23	70-130
71 Nonane	10.00	8.344	83.44	70-130
72 Bromoform	10.00	11.22	112.18	70-130
73 Styrene	10.00	9.266	92.67	70-130
74 o-Xylene	10.00	8.396	83.96	70-130
75 1,1,2,2-Tetrachlor	10.00	7.472	74.72	70-130
76 1,2,3-Trichloropro	10.00	8.677	86.77	70-130
77 Cumene	10.00	8.280	82.80	70-130
	0.000	0.000	*	0-0
78 n-Propylbenzene	10.00	7.920	79.20	70-130
	0.000	0.000	*	0-0
79 2-chlorotoluene	10.00	9.227	92.27	70-130
80 4-Ethyltoluene	10.00	8.154	81.54	70-130
81 1,3,5-Trimethylben	10.00	7.559	75.59	70-130
82 Alpha-Methylstyren	10.00	8.494	84.94	70-130
	0.000	0.000	*	0-0

Data File: /var/chem/gcms/mg.i/G022608.b/glcsb26a.d
Report Date: 27-Feb-2008 14:07

SPIKE COMPOUND	CONC ADDED ppb (v/v)	CONC RECOVERED ppb (v/v)	% RECOVERED	LIMITS
83 Decane	10.00	8.449	84.49	70-130
84 tert-butylbenzene	10.00	8.052	80.52	70-130
85 1,2,4-Trimethylben	10.00	7.807	78.07	70-130
86 sec-butylbenzene	10.00	7.725	77.25	70-130
87 1,3-Dichlorobenzen	10.00	8.778	87.78	70-130
88 Benzyl Chloride	10.00	8.830	88.30	70-130
89 1,4-Dichlorobenzen	10.00	8.677	86.77	70-130
90 p-Cymene	10.00	7.663	76.63	70-130
	0.000	0.000	*	0-0
91 1,2-Dichlorobenzen	10.00	7.888	78.88	70-130
92 n-butylbenzene	10.00	7.200	72.00	70-130
93 Undecane	10.00	6.456	64.56*	70-130
	0.000	0.000	*	0-0
	0.000	0.000	*	0-0
94 Dodecane	10.00	5.455	54.55*	70-130
95 1,2,4-Trichloroben	10.00	6.346	63.46*	70-130
96 Napthalene	10.00	6.016	60.16*	70-130
97 Hexachlorobutadien	10.00	7.391	73.91	70-130
98 1.2.3-trichloroben	10.00	5.580	55.80*	70-130

SURROGATE COMPOUND	CONC ADDED ppb (v/v)	CONC RECOVERED ppb (v/v)	% RECOVERED	LIMITS
$ 4 1,2-Dichloroethane	10.00	9.510	95.10	70-130
$ 5 Toluene-d8	10.00	10.64	106.37	70-130
$ 6 4-Bromofluorobenze	10.00	10.70	107.04	70-130


Data File: /var/chem/gcms/mg.i/G022608.b/glcsb26a.d
Date : 26-FEB-2008 07:50
Client ID: LCS
Sample Info: KHNGE1AC,,3,,,LCS
Purge Volume: 200.0
Column phase: RTX-5
Instrument: mg.i
Operator: 3386
Column diameter: 0.32
Y (x10^6)
Min
-Bromochloromethane+
-1,2-Dichloroethane-d4+
-1,4-Difluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
-4-Bromofluorobenzene
/var/chem/gcms/mg.i/G022608.b/glcsb26a.d

Miscellaneous Data

TestAmerica Knoxville GC/MS Air Data Review / Narrative Checklist **Lot/Project # H8B210257**

Method: TO-14 and TO-15 - KNOX-MS-0001, Rev 9

Instrument:	ME	MG
Scanned File:	E0220081	G0218081
	E022508	G022608
	E022608	

Review Items **A. Tune / Continuing Calibration**	N/A	Yes	No	Why is data reportable?	2nd
1. Were all samples injected within 24 hr of BFB?		✓			✓
2. Has a Continuing Calibration Checklist been completed for each analytical batch?		✓			✓
3. Was the correct ICAL used for quantitation?		✓			✓
B. CLIENT SAMPLE AND QC SAMPLE Results	**N/A**	**Yes**	**No**	**Why is data reportable?**	**2nd**
1. Were all special project requirements met?		✓			✓
2. Were dilution factors/can prep information verified?		✓			✓
3. Have the can number & lab ID been verified between the analysis log & sample prep log?		✓			✓
4. Were samples received in cans?		✓		_ [Tedlar1] Samples rec'd on (date) in Tedlar bags & ana by TO-14 (TO-15) within 72 hours from sampling. _ [Tedlar2] Samples rec'd on (date) in Tedlar bags & transferred into Summa canisters within 72 hours.	✓
5. Sample analyses done within analytical holding time (HT)? *If no, list samples:* _____		✓		_ [ht2] Client requested analysis after HT expired. _ Other: _____	✓
6. Are surrogates and internal standards within QC limits? (70-130% R for surr.; 60-140%R from CCAL for IS) *If no, list samples/reason (e.g.,* **sur1***):* Sample / Reason / Sample / Reason _____ _____ _____ _____ _____ _____ _____ _____		✓		_ [sur1] DUP surr. %R demonstrated same effect. _ [sur2] Reanalysis demonstrated same effect. _ [sur5] At client's request, data was flagged as estimated & released without further investigation. _ [is1] Per client, reanalysis was not performed _ [is2] Reanalysis confirmed a matrix effect. _ Obvious matrix effect	✓
7. Were all positive results and false negatives on quan report verified to be correct in LIMS?		✓			✓
8. For dilutions, is highest concentration hit ≥ 20% cal range and not above calibration range? *List samples and reason (e.g.,* elev1*):* Sample / Reason / Sample / Reason _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		✓		_ [elev1] Elevated RL for (ANALYTE) due to sample matrix interferences. _ [elev3] Elevated RLs for all analytes due to difficult sample matrix. _ [elev4] Elevated RLs based on screening _ [elev5] Elevated RLs for all analytes due to presence of non-target compounds.	✓
9. If manual integrations were performed, are they clearly identified, initialed, dated and reason given?	✓			Reasons: 1)Corrected split peak; 2)Unresolved peak; 3)tailing; 4)RT shift; 5)wrong peak selected; 6)other	NA
10. Have alternate hits/manual integrations been verified as correct?	✓				NA
C. Preparation QC	**N/A**	**Yes**	**No**		**2nd**
1. System blank run every 24 hours prior to samples?		✓			✓
2. System blank surrogate recoveries within QC limits (70-130% R) ?		✓		_ [mb1] All sample surrogates OK and there is no analyte >RL in samples associated with blank.	✓
3. Are all analytes present in the system blank < RL? *If no, list blank ID:* _____		✓		_ [mb3] No analyte > RL in associated samples. _ [mb4] Sample results > 20x higher than blank.	✓
4. DUP done per 20 samples and are all RPDs within limits? (for target analytes >5x RL, <25% RPD; no criteria for methanol and n-butanol) *If no, list DUP ID:* _____		✓			✓
5. Are all LCS analytes on final report within limits?		✓		_ [LCS6] Flagged out but within SOP limits. LCS ID: _____	✓
D. Other	**N/A**	**Yes**	**No**		**2nd**
1. Final report acceptable? (Results correct, RLs calculated correctly, units correct, surrogate %R correct, appropriate flags used, dilution factor correct, analysis dates correct.)		✓			✓
2. Are all nonconformances documented appropriately and copy included with deliverable? MM 2-27-08	✓	✓			✓
3. Were the standards scanned properly?		✓			✓
4. Was a narrative prepared and all deviations noted?		✓			✓
5. TO14A Autotext included in narrative (for TO14A samples only).	✓			_ [TO14]	NA
6. All target analytes on c.cal >30%D but <40%D noted in the narrative?		✓		X[ccal] The ccal exhibited a %D ICAL >30% but ≤40% for the following analytes: * see comments	✓

Analyst: MM	**Date:** 2-27-08	**2nd Level Reviewer:**	**Date:** 2/28/08
Comments:		**Comments:**	
E022508: 1,1,1-DCA, chloroform, 1,1,1-tca			
G022608: 1,2,4-trichlbnz, napth			

* The data for the additional NY compounds is based on a 1-point calibration

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 2/26/08
Time: 6:07:23

LEV 1	LEV 2		LEV 1	LEV 2	
_	_	Blank	_	_	Weights/Volumes
_	_	Check	_	_	Spike & Surrogate Worksheet
_	_	MS/MSD	_	_	Vial contains correct volume
			_	_	Labels, greenbars, worksheets
			_	_	computer batch: correct & all match
			_	_	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: _____

Concentrationist: _____

****
* *
* QC BATCH: 8057051 *
* *
****

PREP DATE: 2/25/08
COMP DATE: 2/25/08

Reviewer/Date: _____ / 0/00/00

Volatile Organics by GC/MS TO-15 low-level ppbv/v
NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	PH"S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
0/00/00	2/27/08	H8B170101-014 KG8C3-2-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-001 KHFXF-1-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-002 KHFXL-1-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-003 KHFXM-1-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-004 KHFXQ-1-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-005 KHFXV-1-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	0/00/00	H8B260000-051 KHLLK-1-AAB		88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 2/26/08
Time: 6:07:23

****
* *
* QC BATCH: 8057051 *
* *
****

PREP DATE: 2/25/08
COMP DATE: 2/25/08

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	PH"S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
0/00/00	0/00/00	H8B260000-051 KHLLK-1-ACC		88	7M	AIR	40mL 40.00mL	NA	NA	NA		.0		.0	

COMMENTS:

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD
:

NUMBER OF WORK ORDERS IN BATCH: 8

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 2/27/08
Time: 4:45:47

LEV 1	LEV 2		LEV 1	LEV 2	
_	_	Blank	_	_	Weights/Volumes
_	_	Check	_	_	Spike & Surrogate Worksheet
_	_	MS/MSD	_	_	Vial contains correct volume
			_	_	Labels, greenbars, worksheets
			_	_	computer batch: correct & all match
			_	_	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: _____
_____
Concentrationist: _____
_____

****
* *
* QC BATCH: 8058029 *
* *
****

PREP DATE: 2/26/08
COMP DATE: 2/27/08

Reviewer/Date: _____ / 0/00/00

Volatile Organics by GC/MS TO-15 low-level ppbv/v
NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	PH"S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
0/00/00	2/29/08	H8B210257-001 KHFXF-2-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-002 KHFXL-2-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-003 KHFXM-2-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-004 KHFXQ-2-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-005 KHFXV-2-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210276-004 KHF26-2-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B220261-006 KHJCX-1-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 2/27/08
Time: 4:45:47

QC BATCH: 8058029

PREP DATE: 2/26/08
COMP DATE: 2/27/08

EXTR EXPR	ANL DUE	LOT#,MSRUN# / WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJT	PH"S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
0/00/00	2/29/08	H8B220261-007 KHJC3-1-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B220261-008 KHJC7-1-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B220261-009 KHJDC-1-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B220261-010 KHJDF-1-AA	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/27/08	C8B210112-008 KHJP0-1-AA	R	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/27/08	C8B210112-009 KHJP1-1-AA	R	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	0/00/00	H8B270000-029 KHNDP-1-AAB		88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	0/00/00	H8B270000-029 KHNDP-1-ACC		88	7M	AIR	40mL 40.00mL	NA	NA	NA		.0		.0	
COMMENTS:															

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 15

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 2/27/08
Time: 8:28:01

LEV 1	LEV 2		LEV 1	LEV 2	
_	_	Blank	_	_	Weights/Volumes
_	_	Check	_	_	Spike & Surrogate Worksheet
_	_	MS/MSD	_	_	Vial contains correct volume
			_	_	Labels, greenbars, worksheets
			_	_	computer batch: correct & all match
			_	_	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: _____
_____
Concentrationist: _____
_____

****
* *
* QC BATCH: 8058104 *
* *
****

PREP DATE: 2/26/08
COMP DATE: 2/27/08

Reviewer/Date: _____ / 0/00/00

Volatile Organics by GC/MS TO-15 low-level ppbv/v
NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	PH"S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
0/00/00	2/29/08	H8B210257-006 **KHFXW-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-007 **KHFX0-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	2/29/08	H8B210257-008 **KHFX1-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	3/03/08	H8B220225-016 **KHH5P-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	3/03/08	H8B220225-017 **KHH5V-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	3/03/08	H8B220225-018 **KHH5W-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															
0/00/00	3/03/08	H8B220225-019 **KHH5X-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:															

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 2/27/08
Time: 8:28:01

QC BATCH: 8058104

PREP DATE: 2/26/08
COMP DATE: 2/27/08

EXTR EXPR / ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	PH"S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
0/00/00 3/03/08	H8B220225-020 **KHH52-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:														
0/00/00 3/03/08	H8B220225-021 **KHH55-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:														
0/00/00 3/03/08	H8B220225-022 **KHH59-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:														
0/00/00 2/29/08	H8B220261-001 **KHJAN-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:														
0/00/00 2/29/08	H8B220261-002 **KHJA0-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:														
0/00/00 2/29/08	H8B220261-003 **KHJCE-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:														
0/00/00 2/29/08	H8B220261-004 **KHJCJ-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:														
0/00/00 2/29/08	H8B220261-005 **KHJCN-1-AA**	DR	88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:														
0/00/00 0/00/00	H8B270000-104 **KHNGE-1-AAB**		88	7M	AIR	mL	NA	NA	NA		.0		.0	
COMMENTS:														
0/00/00 0/00/00	H8B270000-104 **KHNGE-1-ACC**		88	7M	AIR	**80.00mL** 80.00mL	NA	NA	NA		.0		.0	
COMMENTS:														

TestAmerica Knoxville
Can Dilution Worksheet

Lot: ***H8B210257***

Initial

W/O #	Barometer inches Hg	Knoxville mm Hg	P init inches	P init Abs,mm	P final psig	P final Abs,mm	Dilution Factor	
KHF XF	28.75	730.3						
KHF XL	28.75	730.3	- 8.8	506.7	0.8	771.6	1.52	(XL,DF*200=304)
KHF XM	28.75	730.3						
KHF XQ	28.75	730.3						
KHF XV	28.75	730.3						
KHF XW	28.75	730.3						
KHF X0	28.75	730.3						
KHF X1	28.75	730.3						

1 psig = 2.036 inch Hg
Pinit(Abs,mm)=(Pinit(inch)*25.4mm/inch)+Pbar(mm)
Pfinal(Abs,mm)=(Pfinal(psig)*2.036 (inch Hg/psig)*25.4 (mm/inch))+Pbar(mm)
dilution factor = Pfinal(Abs,mm)/Pinit(Abs,mm)
mm-Hg = in-Hg * 25.4

Test America - Knoxville ---- Air Canister Dilution Record

Lot Number: HSB210257

Initial Can Pressure							Subsequent Dilution											
Analyst/Date	Tedlar Bag Time	Pbarr (in)	Work Order#	Can #	Pres. upon receipt (- in. or + psig)	Adj. Initial Pres. (- in. or + psig)	Analyst/Date	I-S	Pbarr (in)	Initial Pres. (– In. or psig)	Final Pres. P_f (psig)	First In-can Final Pres. P_f (psig)	Second In-can Final Pres. P_f (psig)	Third In-can Final Pres. P_f (psig)	Serial Dilution Can #	Vol (mL)	Final Pres. P_f (psig)	Comments
AFR 2/22/08	NA	28.75	KHFXF1AA	12445	-2.7	—												7372
			XL	6366	-8.8	+0.8												
			XM	6640	-3.3	—												
			XQ	6589	-3.3	—												
			XV	1492	-2.2	—												
			XW	6677	-0.4	—												
AFR 2/22/08			XO	9805B	~~+1.2~~ -1.2	+1.2												
			XI	12212	-1.2	—												

Sample Receipt Documentation

TAL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
phone 865-291-3000 fax 865-584-4315

Canister Samples Chain of Custody Record

HFB 210257

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information	Project Manager: D. Allen	Sampled By: C. Ondak	1 of 2 COCs
Company: Haley & Aldrich	Phone: 603.391.3320		
Address: 340 Granite St	Site Contact:		
City/State/Zip Manchester NH	TAL Contact:		
Phone:			
FAX: 603.624.8307			
Project Name: Seneca Falls	Analysis Turnaround Time		
Site/location:	Standard (Specify)		
PO # 34507-001	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop (2/20)	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
SV-07-01-SS	2/19	1046	0946	30	4	K476	12445	X											X
SV-07-01-InA	↓	1050	0950	30	9	K257	03366	↓							X				
SV-07-02-SS		1123	1053	30	5	K162	06040												X
SV-07-04-SS		1145	1100	30	5	K391	06589												X
SV-07-04-InA	↓	1148	1100	30	5	K301	1492	↓							X				

Sampled by :

Temperature (Fahrenheit)	Interior	Ambient	
Start			
Stop			

Pressure (inches of Hg)	Interior	Ambient	
Start			
Stop			

SS - subslab vapor
NO CUSTODY SEALS
RECEIVED AT AMBIENT TEMP
BM 2-21-08

2 BOXES FEDEX # 7988 7864 0464
" " 0431

11 CANS / 11 FLOWS

Special Instructions/QC Requirements & Comments:
TO-15 plus N-Alkanes, TICs, see attached list from PM

Canisters Shipped by:	Date/Time:	Canisters Received by:
Samples Relinquished by: Christo Ondak	Date/Time: 2/20/08 13:35	Received by: [signature] 2-21-08 10:00
Relinquished by:	Date/Time:	Received by:

Lab Use Only Shipper Name: Opened by: Condition:

TAL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
phone 865-291-3000 fax 865-584-4315

Canister Samples Chain of Custody Record

148B21025?

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information	Project Manager:	Sampled By:	2 of 2 COCs
Company:	Phone:		
Address:	Site Contact:		
City/State/Zip	TAL Contact:		
Phone:			
FAX:			
Project Name:	Analysis Turnaround Time		
Site/location:	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop (2400)	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
SV-07-03-SS	2/19	1207	0920	29	3	K245	06077	X											X
SV-07-03-InA	↓	1209	0920	30	0	K240	98058	↓							X				
SV-Outdoor	↓	1220	1150	30	6	K113	1242	↓								X			

Sampled by :

Temperature (Fahrenheit)	Interior	Ambient	
Start			
Stop			

Pressure (Inches of Hg)	Interior	Ambient	
Start			
Stop			

SS - Subslab Vapor

Special Instructions/QC Requirements & Comments:

Canisters Shipped by:	Date/Time:	Canisters Received by:	
Samples Relinquished by:	Date/Time:	Received by:	
Relinquished by:	Date/Time:	Received by:	

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

646

TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Client: HALEY + ALDRICH **Project:** _____ **Lot Number:** H8B210257

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)				☐ 1a Do not match COC ☐ 1b Incomplete information ☐ 1c Marking smeared ☐ 1d Label torn ☐ 1e No label ☐ 1f COC not received ☑ 1g Other:	NA 14A. COC 2 OF 2, NOT RELINQUISHED, SAMPLER NOT LISTED 16, SV-OUTDOOR, COC LIST CANISTER ID AS 1242, SHOULD BE 12212
2. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C; NC, 1668, 1613B: 0-4°C; VOST: 10°C; MA: 2-6 °C)				☐ 2a Temp Blank = _____ ☐ 2b Cooler Temp = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?				☐ 3a Sample preservative =	
4. Were custody seals present/intact on cooler and/or containers?				☑ 4a Not present ☐ 4b Not intact ☐ 4c Other:	
5. Were all of the samples listed on the COC received?				☐ 5a Samples received-not on COC ☐ 5b Samples not received-on COC	
6. Were all of the sample containers received intact?				☐ 6a Leaking ☐ 6b Broken	
7. Were VOA samples received without headspace?				☐ 7a Headspace (VOA only)	
8. Were samples received in appropriate containers?				☐ 8a Improper container	
9. Did you check for residual chlorine, if necessary?				☐ 9a Could not be determined due to matrix interference	
10. Were samples received within holding time?				☐ 10a Holding time expired	
11. For rad samples, was sample activity info. provided?				☐ Incomplete information	
12. For SOG water samples (1613B, 1668A, 8290, LR PAHs), do samples have visible solids present?				If yes & appears to be >1%, was SOG notified? _____	
13. Are the shipping containers intact?				☐ 13a Leaking ☐ 13b Other:	
14. Was COC relinquished? (Signed/Dated/Timed)				☑ 14a Not relinquished	
15. Are tests/parameters listed for each sample?				☐ 15a Incomplete information	
16. Is the matrix of the samples noted?				☐ 15a Incomplete information	
17. Is the date/time of sample collection noted?				☐ 15a Incomplete information	
18. Is the client and project name/# identified?				☐ 15a Incomplete information	
19. Was the sampler identified on the COC?					

Quote #: 78580 PM Instructions: _____

Sample Receiving Associate: _____ Date: 2-21-08

QA026R19.doc, 080707