TestAmerica
South Burlington, VT

Extended Data Package

130551

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

March 27, 2009

Mr. Geoff Arbogast
URS Corporation
335 Commerce Drive
Fort Washington, PA 19034

Re: Laboratory Project No. 29000
Case: 29000; SDG: 130551

Dear Mr. Arbogast:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on March 10th, 2009. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 03/10/09 ETR No: 130551		
787826	20090226VP-20V1.5N	02/26/09	AIR
787827	20090227VP-21V3N	02/27/09	AIR
787828	20090227VP-23V3.5N	02/27/09	AIR
787829	20090227VP-22V3N	02/27/09	AIR
787830	20090304VP-25V6N	03/04/09	AIR
787831	20090304VP-24V4N	03/04/09	AIR
787832	20090304VP-26V5.5N	03/04/09	AIR
787833	20090304VP-30V5N	03/04/09	AIR
787834	20090304VP-27V5N	03/04/09	AIR
787835	20090304VP-28V3.5N	03/04/09	AIR
787836	20090304VP-29V1.5N	03/04/09	AIR
787837	20090305VP-31V4N	03/05/09	AIR
787838	20090305VP-32V2N	03/05/09	AIR
787839	20090305VP-34V2N	03/05/09	AIR
787840	20090305VP-37V11.5N	03/05/09	AIR
787841	20090305VP-38V11.5N	03/05/09	AIR
787842	20090305VP-39V9.5N	03/05/09	AIR
787843	20090306VP-33V3N	03/06/09	AIR
787844	20090306VP-35V6.5N	03/06/09	AIR
787845	20090306VP-36V7N	03/06/09	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for the samples referenced above were accomplished at dilution based on screen analyses, to ensure quantitation of all target constituents within the range of calibrated instrument response.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

Chain of Custody **66**

QC Summary TO-15 Volatile **71**

Supportive Documentation TO-15 Volatile **101**

Standards TO-15 Volatile **347**

Raw QC Data TO-15 Volatile **401**

Sample Preparation TO-15 Volatile **477**

QC Summary ASTM D1946 ..... **491**

Supportive Documentation ASTM D1946 ..... **495**

Standards ASTM D1946 ..... **516**

Raw QC Data ASTM D1946 ..... **577**

Sample Preparation ASTM D1946 ..... **584**

Sample Handling **593**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090226VP-20V1.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 7.76

Sample Matrix: AIR

Lab Sample No.: 787826

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	3.9	U	3.9	8.1	U	8.1
Vinyl Chloride	75-01-4	1.6	U	1.6	4.1	U	4.1
Bromomethane	74-83-9	1.6	U	1.6	6.2	U	6.2
Chloroethane	75-00-3	3.9	U	3.9	10	U	10
1,1-Dichloroethene	75-35-4	1.6	U	1.6	6.3	U	6.3
Acetone	67-64-1	39	U	39	93	U	93
Carbon Disulfide	75-15-0	8.5		3.9	26		12
Methylene Chloride	75-09-2	3.9	U	3.9	14	U	14
trans-1,2-Dichloroethene	156-60-5	1.6	U	1.6	6.3	U	6.3
1,1-Dichloroethane	75-34-3	12		1.6	49		6.5
Methyl Ethyl Ketone	78-93-3	3.9	U	3.9	12	U	12
cis-1,2-Dichloroethene	156-59-2	1.6	U	1.6	6.3	U	6.3
Chloroform	67-66-3	2.7		1.6	13		7.8
1,1,1-Trichloroethane	71-55-6	210		1.6	1100		8.7
Carbon Tetrachloride	56-23-5	1.6	U	1.6	10	U	10
Benzene	71-43-2	1.6	U	1.6	5.1	U	5.1
1,2-Dichloroethane	107-06-2	1.6	U	1.6	6.5	U	6.5
Trichloroethene	79-01-6	1.6	U	1.6	8.6	U	8.6
1,2-Dichloropropane	78-87-5	1.6	U	1.6	7.4	U	7.4
Bromodichloromethane	75-27-4	1.6	U	1.6	11	U	11
cis-1,3-Dichloropropene	10061-01-5	1.6	U	1.6	7.3	U	7.3
Methyl Isobutyl Ketone	108-10-1	3.9	U	3.9	16	U	16
Toluene	108-88-3	4.7		1.6	18		6.0
trans-1,3-Dichloropropene	10061-02-6	1.6	U	1.6	7.3	U	7.3
1,1,2-Trichloroethane	79-00-5	1.6	U	1.6	8.7	U	8.7
Tetrachloroethene	127-18-4	1.6	U	1.6	11	U	11
Methyl Butyl Ketone	591-78-6	3.9	U	3.9	16	U	16
Dibromochloromethane	124-48-1	1.6	U	1.6	14	U	14
Chlorobenzene	108-90-7	1.6	U	1.6	7.4	U	7.4
Ethylbenzene	100-41-4	1.6	U	1.6	6.9	U	6.9
Xylene (m,p)	1330-20-7	3.9	U	3.9	17	U	17
Xylene (o)	95-47-6	1.6	U	1.6	6.9	U	6.9
Styrene	100-42-5	1.6	U	1.6	6.8	U	6.8

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090226VP-20V1.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 7.76

Sample Matrix: AIR

Lab Sample No.: 787826

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	1.6	U	1.6	17	U	17
1,1,2,2-Tetrachloroethane	79-34-5	1.6	U	1.6	11	U	11

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090227VP-21V3N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 7.71

Sample Matrix: AIR

Lab Sample No.: 787827

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	3.9	U	3.9	8.1	U	8.1
Vinyl Chloride	75-01-4	3.1		1.5	7.9		3.8
Bromomethane	74-83-9	1.5	U	1.5	5.8	U	5.8
Chloroethane	75-00-3	3.9	U	3.9	10	U	10
1,1-Dichloroethene	75-35-4	1.5	U	1.5	5.9	U	5.9
Acetone	67-64-1	46		39	110		93
Carbon Disulfide	75-15-0	19		3.9	59		12
Methylene Chloride	75-09-2	3.9	U	3.9	14	U	14
trans-1,2-Dichloroethene	156-60-5	3.4		1.5	13		5.9
1,1-Dichloroethane	75-34-3	1.5	U	1.5	6.1	U	6.1
Methyl Ethyl Ketone	78-93-3	3.9	U	3.9	12	U	12
cis-1,2-Dichloroethene	156-59-2	12		1.5	48		5.9
Chloroform	67-66-3	6.6		1.5	32		7.3
1,1,1-Trichloroethane	71-55-6	1.5	U	1.5	8.2	U	8.2
Carbon Tetrachloride	56-23-5	1.5	U	1.5	9.4	U	9.4
Benzene	71-43-2	1.5	U	1.5	4.8	U	4.8
1,2-Dichloroethane	107-06-2	200		1.5	810		6.1
Trichloroethene	79-01-6	2.8		1.5	15		8.1
1,2-Dichloropropane	78-87-5	3.7		1.5	17		6.9
Bromodichloromethane	75-27-4	1.5	U	1.5	10	U	10
cis-1,3-Dichloropropene	10061-01-5	1.5	U	1.5	6.8	U	6.8
Methyl Isobutyl Ketone	108-10-1	3.9	U	3.9	16	U	16
Toluene	108-88-3	4.3		1.5	16		5.7
trans-1,3-Dichloropropene	10061-02-6	1.5	U	1.5	6.8	U	6.8
1,1,2-Trichloroethane	79-00-5	1.5	U	1.5	8.2	U	8.2
Tetrachloroethene	127-18-4	7.3		1.5	50		10
Methyl Butyl Ketone	591-78-6	3.9	U	3.9	16	U	16
Dibromochloromethane	124-48-1	1.5	U	1.5	13	U	13
Chlorobenzene	108-90-7	1.5	U	1.5	6.9	U	6.9
Ethylbenzene	100-41-4	1.5	U	1.5	6.5	U	6.5
Xylene (m,p)	1330-20-7	3.9	U	3.9	17	U	17
Xylene (o)	95-47-6	1.5	U	1.5	6.5	U	6.5
Styrene	100-42-5	1.5	U	1.5	6.4	U	6.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090227VP-21V3N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 7.71

Sample Matrix: AIR

Lab Sample No.: 787827

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	1.5	U	1.5	16	U	16
1,1,2,2-Tetrachloroethane	79-34-5	1.5	U	1.5	10	U	10

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090227VP-23V3.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 30800.00

Sample Matrix: AIR

Lab Sample No.: 787828

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	15000	U	15000	31000	U	31000
Vinyl Chloride	75-01-4	6200	U	6200	16000	U	16000
Bromomethane	74-83-9	6200	U	6200	24000	U	24000
Chloroethane	75-00-3	15000	U	15000	40000	U	40000
1,1-Dichloroethene	75-35-4	6200	U	6200	25000	U	25000
Acetone	67-64-1	150000	U	150000	360000	U	360000
Carbon Disulfide	75-15-0	15000	U	15000	47000	U	47000
Methylene Chloride	75-09-2	15000	U	15000	52000	U	52000
trans-1,2-Dichloroethene	156-60-5	6200	U	6200	25000	U	25000
1,1-Dichloroethane	75-34-3	6200	U	6200	25000	U	25000
Methyl Ethyl Ketone	78-93-3	15000	U	15000	44000	U	44000
cis-1,2-Dichloroethene	156-59-2	6200	U	6200	25000	U	25000
Chloroform	67-66-3	6200	U	6200	30000	U	30000
1,1,1-Trichloroethane	71-55-6	6200	U	6200	34000	U	34000
Carbon Tetrachloride	56-23-5	9500		6200	60000		39000
Benzene	71-43-2	6200	U	6200	20000	U	20000
1,2-Dichloroethane	107-06-2	6200	U	6200	25000	U	25000
Trichloroethene	79-01-6	6200	U	6200	33000	U	33000
1,2-Dichloropropane	78-87-5	6200	U	6200	29000	U	29000
Bromodichloromethane	75-27-4	6200	U	6200	42000	U	42000
cis-1,3-Dichloropropene	10061-01-5	6200	U	6200	28000	U	28000
Methyl Isobutyl Ketone	108-10-1	15000	U	15000	61000	U	61000
Toluene	108-88-3	1100000		6200	4100000		23000
trans-1,3-Dichloropropene	10061-02-6	6200	U	6200	28000	U	28000
1,1,2-Trichloroethane	79-00-5	6200	U	6200	34000	U	34000
Tetrachloroethene	127-18-4	6200	U	6200	42000	U	42000
Methyl Butyl Ketone	591-78-6	15000	U	15000	61000	U	61000
Dibromochloromethane	124-48-1	6200	U	6200	53000	U	53000
Chlorobenzene	108-90-7	6200	U	6200	29000	U	29000
Ethylbenzene	100-41-4	6200	U	6200	27000	U	27000
Xylene (m,p)	1330-20-7	15000	U	15000	65000	U	65000
Xylene (o)	95-47-6	6200	U	6200	27000	U	27000
Styrene	100-42-5	6200	U	6200	26000	U	26000

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090227VP-23V3.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 30800.00

Sample Matrix: AIR

Lab Sample No.: 787828

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	6200	U	6200	64000	U	64000
1,1,2,2-Tetrachloroethane	79-34-5	6200	U	6200	43000	U	43000

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090227VP-22V3N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 305.00

Sample Matrix: AIR

Lab Sample No.: 787829

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	150	U	150	310	U	310
Vinyl Chloride	75-01-4	590		61	1500		160
Bromomethane	74-83-9	61	U	61	240	U	240
Chloroethane	75-00-3	150	U	150	400	U	400
1,1-Dichloroethene	75-35-4	61	U	61	240	U	240
Acetone	67-64-1	1500	U	1500	3600	U	3600
Carbon Disulfide	75-15-0	150	U	150	470	U	470
Methylene Chloride	75-09-2	150	U	150	520	U	520
trans-1,2-Dichloroethene	156-60-5	61	U	61	240	U	240
1,1-Dichloroethane	75-34-3	61	U	61	250	U	250
Methyl Ethyl Ketone	78-93-3	150	U	150	440	U	440
cis-1,2-Dichloroethene	156-59-2	690		61	2700		240
Chloroform	67-66-3	61	U	61	300	U	300
1,1,1-Trichloroethane	71-55-6	61	U	61	330	U	330
Carbon Tetrachloride	56-23-5	500		61	3100		380
Benzene	71-43-2	61	U	61	190	U	190
1,2-Dichloroethane	107-06-2	61	U	61	250	U	250
Trichloroethene	79-01-6	240		61	1300		330
1,2-Dichloropropane	78-87-5	61	U	61	280	U	280
Bromodichloromethane	75-27-4	61	U	61	410	U	410
cis-1,3-Dichloropropene	10061-01-5	61	U	61	280	U	280
Methyl Isobutyl Ketone	108-10-1	150	U	150	610	U	610
Toluene	108-88-3	260		61	980		230
trans-1,3-Dichloropropene	10061-02-6	61	U	61	280	U	280
1,1,2-Trichloroethane	79-00-5	61	U	61	330	U	330
Tetrachloroethene	127-18-4	9700		61	66000		410
Methyl Butyl Ketone	591-78-6	150	U	150	610	U	610
Dibromochloromethane	124-48-1	61	U	61	520	U	520
Chlorobenzene	108-90-7	140		61	640		280
Ethylbenzene	100-41-4	61	U	61	260	U	260
Xylene (m,p)	1330-20-7	150	U	150	650	U	650
Xylene (o)	95-47-6	100		61	430		260
Styrene	100-42-5	61	U	61	260	U	260

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090227VP-22V3N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 305.00

Sample Matrix: AIR

Lab Sample No.: 787829

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	61	U	61	630	U	630
1,1,2,2-Tetrachloroethane	79-34-5	61	U	61	420	U	420

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-25V6N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 2300.00

Sample Matrix: AIR

Lab Sample No.: 787830

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	1200	U	1200	2500	U	2500
Vinyl Chloride	75-01-4	460	U	460	1200	U	1200
Bromomethane	74-83-9	460	U	460	1800	U	1800
Chloroethane	75-00-3	1200	U	1200	3200	U	3200
1,1-Dichloroethene	75-35-4	1100		460	4400		1800
Acetone	67-64-1	12000	U	12000	29000	U	29000
Carbon Disulfide	75-15-0	1200	U	1200	3700	U	3700
Methylene Chloride	75-09-2	1200	U	1200	4200	U	4200
trans-1,2-Dichloroethene	156-60-5	460	U	460	1800	U	1800
1,1-Dichloroethane	75-34-3	1900		460	7700		1900
Methyl Ethyl Ketone	78-93-3	1200	U	1200	3500	U	3500
cis-1,2-Dichloroethene	156-59-2	560		460	2200		1800
Chloroform	67-66-3	460	U	460	2200	U	2200
1,1,1-Trichloroethane	71-55-6	720		460	3900		2500
Carbon Tetrachloride	56-23-5	460	U	460	2900	U	2900
Benzene	71-43-2	460	U	460	1500	U	1500
1,2-Dichloroethane	107-06-2	460	U	460	1900	U	1900
Trichloroethene	79-01-6	460	U	460	2500	U	2500
1,2-Dichloropropane	78-87-5	460	U	460	2100	U	2100
Bromodichloromethane	75-27-4	460	U	460	3100	U	3100
cis-1,3-Dichloropropene	10061-01-5	460	U	460	2100	U	2100
Methyl Isobutyl Ketone	108-10-1	1200	U	1200	4900	U	4900
Toluene	108-88-3	590		460	2200		1700
trans-1,3-Dichloropropene	10061-02-6	460	U	460	2100	U	2100
1,1,2-Trichloroethane	79-00-5	460	U	460	2500	U	2500
Tetrachloroethene	127-18-4	460	U	460	3100	U	3100
Methyl Butyl Ketone	591-78-6	1200	U	1200	4900	U	4900
Dibromochloromethane	124-48-1	460	U	460	3900	U	3900
Chlorobenzene	108-90-7	4500		460	21000		2100
Ethylbenzene	100-41-4	890		460	3900		2000
Xylene (m,p)	1330-20-7	7900		1200	34000		5200
Xylene (o)	95-47-6	3600		460	16000		2000
Styrene	100-42-5	460	U	460	2000	U	2000

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-25V6N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 2300.00

Sample Matrix: AIR

Lab Sample No.: 787830

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	460	U	460	4800	U	4800
1,1,2,2-Tetrachloroethane	79-34-5	460	U	460	3200	U	3200

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-24V4N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 5.04

Sample Matrix: AIR

Lab Sample No.: 787831

Date Analyzed: 03/12/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	2.5	U	2.5	5.2	U	5.2
Vinyl Chloride	75-01-4	14		1.0	36		2.6
Bromomethane	74-83-9	1.0	U	1.0	3.9	U	3.9
Chloroethane	75-00-3	2.5	U	2.5	6.6	U	6.6
1,1-Dichloroethene	75-35-4	1.0	U	1.0	4.0	U	4.0
Acetone	67-64-1	25	U	25	59	U	59
Carbon Disulfide	75-15-0	13		2.5	40		7.8
Methylene Chloride	75-09-2	2.5	U	2.5	8.7	U	8.7
trans-1,2-Dichloroethene	156-60-5	1.0	U	1.0	4.0	U	4.0
1,1-Dichloroethane	75-34-3	1.0	U	1.0	4.0	U	4.0
Methyl Ethyl Ketone	78-93-3	2.5	U	2.5	7.4	U	7.4
cis-1,2-Dichloroethene	156-59-2	1.0	U	1.0	4.0	U	4.0
Chloroform	67-66-3	1.0	U	1.0	4.9	U	4.9
1,1,1-Trichloroethane	71-55-6	1.0	U	1.0	5.5	U	5.5
Carbon Tetrachloride	56-23-5	1.0	U	1.0	6.3	U	6.3
Benzene	71-43-2	2.0		1.0	6.4		3.2
1,2-Dichloroethane	107-06-2	22		1.0	89		4.0
Trichloroethene	79-01-6	1.0	U	1.0	5.4	U	5.4
1,2-Dichloropropane	78-87-5	1.0	U	1.0	4.6	U	4.6
Bromodichloromethane	75-27-4	1.0	U	1.0	6.7	U	6.7
cis-1,3-Dichloropropene	10061-01-5	1.0	U	1.0	4.5	U	4.5
Methyl Isobutyl Ketone	108-10-1	2.5	U	2.5	10	U	10
Toluene	108-88-3	18		1.0	68		3.8
trans-1,3-Dichloropropene	10061-02-6	1.0	U	1.0	4.5	U	4.5
1,1,2-Trichloroethane	79-00-5	1.0	U	1.0	5.5	U	5.5
Tetrachloroethene	127-18-4	1.0	U	1.0	6.8	U	6.8
Methyl Butyl Ketone	591-78-6	2.5	U	2.5	10	U	10
Dibromochloromethane	124-48-1	1.0	U	1.0	8.5	U	8.5
Chlorobenzene	108-90-7	1.0	U	1.0	4.6	U	4.6
Ethylbenzene	100-41-4	1.4		1.0	6.1		4.3
Xylene (m,p)	1330-20-7	3.6		2.5	16		11
Xylene (o)	95-47-6	1.1		1.0	4.8		4.3
Styrene	100-42-5	1.0	U	1.0	4.3	U	4.3

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-24V4N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 5.04

Sample Matrix: AIR

Lab Sample No.: 787831

Date Analyzed: 03/12/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	1.0	U	1.0	10	U	10
1,1,2,2-Tetrachloroethane	79-34-5	1.0	U	1.0	6.9	U	6.9

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-26V5.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 4.96

Sample Matrix: AIR

Lab Sample No.: 787832

Date Analyzed: 03/12/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	2.5	U	2.5	5.2	U	5.2
Vinyl Chloride	75-01-4	0.99	U	0.99	2.5	U	2.5
Bromomethane	74-83-9	0.99	U	0.99	3.8	U	3.8
Chloroethane	75-00-3	2.5	U	2.5	6.6	U	6.6
1,1-Dichloroethene	75-35-4	0.99	U	0.99	3.9	U	3.9
Acetone	67-64-1	25	U	25	59	U	59
Carbon Disulfide	75-15-0	2.5	U	2.5	7.8	U	7.8
Methylene Chloride	75-09-2	2.5	U	2.5	8.7	U	8.7
trans-1,2-Dichloroethene	156-60-5	0.99	U	0.99	3.9	U	3.9
1,1-Dichloroethane	75-34-3	1.3		0.99	5.3		4.0
Methyl Ethyl Ketone	78-93-3	2.5	U	2.5	7.4	U	7.4
cis-1,2-Dichloroethene	156-59-2	0.99	U	0.99	3.9	U	3.9
Chloroform	67-66-3	110		0.99	540		4.8
1,1,1-Trichloroethane	71-55-6	9.2		0.99	50		5.4
Carbon Tetrachloride	56-23-5	0.99	U	0.99	6.2	U	6.2
Benzene	71-43-2	1.2		0.99	3.8		3.2
1,2-Dichloroethane	107-06-2	2.8		0.99	11		4.0
Trichloroethene	79-01-6	0.99	U	0.99	5.3	U	5.3
1,2-Dichloropropane	78-87-5	0.99	U	0.99	4.6	U	4.6
Bromodichloromethane	75-27-4	0.99	U	0.99	6.6	U	6.6
cis-1,3-Dichloropropene	10061-01-5	0.99	U	0.99	4.5	U	4.5
Methyl Isobutyl Ketone	108-10-1	2.5	U	2.5	10	U	10
Toluene	108-88-3	6.6		0.99	25		3.7
trans-1,3-Dichloropropene	10061-02-6	0.99	U	0.99	4.5	U	4.5
1,1,2-Trichloroethane	79-00-5	0.99	U	0.99	5.4	U	5.4
Tetrachloroethene	127-18-4	1.2		0.99	8.1		6.7
Methyl Butyl Ketone	591-78-6	2.5	U	2.5	10	U	10
Dibromochloromethane	124-48-1	0.99	U	0.99	8.4	U	8.4
Chlorobenzene	108-90-7	0.99	U	0.99	4.6	U	4.6
Ethylbenzene	100-41-4	0.99	U	0.99	4.3	U	4.3
Xylene (m,p)	1330-20-7	3.1		2.5	13		11
Xylene (o)	95-47-6	1.5		0.99	6.5		4.3
Styrene	100-42-5	0.99	U	0.99	4.2	U	4.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-26V5.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 4.96

Sample Matrix: AIR

Lab Sample No.: 787832

Date Analyzed: 03/12/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	0.99	U	0.99	10	U	10
1,1,2,2-Tetrachloroethane	79-34-5	0.99	U	0.99	6.8	U	6.8

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-30V5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 57.40

Sample Matrix: AIR

Lab Sample No.: 787833

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	29	U	29	60	U	60
Vinyl Chloride	75-01-4	2100		11	5400		28
Bromomethane	74-83-9	11	U	11	43	U	43
Chloroethane	75-00-3	29	U	29	77	U	77
1,1-Dichloroethene	75-35-4	11	U	11	44	U	44
Acetone	67-64-1	290	U	290	690	U	690
Carbon Disulfide	75-15-0	29	U	29	90	U	90
Methylene Chloride	75-09-2	29		29	100		100
trans-1,2-Dichloroethene	156-60-5	250		11	990		44
1,1-Dichloroethane	75-34-3	11	U	11	45	U	45
Methyl Ethyl Ketone	78-93-3	29	U	29	86	U	86
cis-1,2-Dichloroethene	156-59-2	1400		11	5600		44
Chloroform	67-66-3	11	U	11	54	U	54
1,1,1-Trichloroethane	71-55-6	11	U	11	60	U	60
Carbon Tetrachloride	56-23-5	11	U	11	69	U	69
Benzene	71-43-2	11	U	11	35	U	35
1,2-Dichloroethane	107-06-2	11	U	11	45	U	45
Trichloroethene	79-01-6	11	U	11	59	U	59
1,2-Dichloropropane	78-87-5	11	U	11	51	U	51
Bromodichloromethane	75-27-4	11	U	11	74	U	74
cis-1,3-Dichloropropene	10061-01-5	11	U	11	50	U	50
Methyl Isobutyl Ketone	108-10-1	29	U	29	120	U	120
Toluene	108-88-3	1400		11	5300		41
trans-1,3-Dichloropropene	10061-02-6	11	U	11	50	U	50
1,1,2-Trichloroethane	79-00-5	11	U	11	60	U	60
Tetrachloroethene	127-18-4	11	U	11	75	U	75
Methyl Butyl Ketone	591-78-6	29	U	29	120	U	120
Dibromochloromethane	124-48-1	11	U	11	94	U	94
Chlorobenzene	108-90-7	11	U	11	51	U	51
Ethylbenzene	100-41-4	11	U	11	48	U	48
Xylene (m,p)	1330-20-7	29	U	29	130	U	130
Xylene (o)	95-47-6	48		11	210		48
Styrene	100-42-5	11	U	11	47	U	47

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-30V5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 57.40

Sample Matrix: AIR

Lab Sample No.: 787833

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	11	U	11	110	U	110
1,1,2,2-Tetrachloroethane	79-34-5	11	U	11	76	U	76

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-27V5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 4420.00

Sample Matrix: AIR

Lab Sample No.: 787834

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	2200	U	2200	4500	U	4500
Vinyl Chloride	75-01-4	920		880	2400		2200
Bromomethane	74-83-9	880	U	880	3400	U	3400
Chloroethane	75-00-3	2200	U	2200	5800	U	5800
1,1-Dichloroethene	75-35-4	880	U	880	3500	U	3500
Acetone	67-64-1	22000	U	22000	52000	U	52000
Carbon Disulfide	75-15-0	2200	U	2200	6900	U	6900
Methylene Chloride	75-09-2	2200	U	2200	7600	U	7600
trans-1,2-Dichloroethene	156-60-5	1500		880	5900		3500
1,1-Dichloroethane	75-34-3	880	U	880	3600	U	3600
Methyl Ethyl Ketone	78-93-3	2200	U	2200	6500	U	6500
cis-1,2-Dichloroethene	156-59-2	100000		880	400000		3500
Chloroform	67-66-3	880	U	880	4300	U	4300
1,1,1-Trichloroethane	71-55-6	880	U	880	4800	U	4800
Carbon Tetrachloride	56-23-5	880	U	880	5500	U	5500
Benzene	71-43-2	880	U	880	2800	U	2800
1,2-Dichloroethane	107-06-2	880	U	880	3600	U	3600
Trichloroethene	79-01-6	15000		880	81000		4700
1,2-Dichloropropane	78-87-5	880	U	880	4100	U	4100
Bromodichloromethane	75-27-4	880	U	880	5900	U	5900
cis-1,3-Dichloropropene	10061-01-5	880	U	880	4000	U	4000
Methyl Isobutyl Ketone	108-10-1	2200	U	2200	9000	U	9000
Toluene	108-88-3	880	U	880	3300	U	3300
trans-1,3-Dichloropropene	10061-02-6	880	U	880	4000	U	4000
1,1,2-Trichloroethane	79-00-5	880	U	880	4800	U	4800
Tetrachloroethene	127-18-4	170000		880	1200000		6000
Methyl Butyl Ketone	591-78-6	2200	U	2200	9000	U	9000
Dibromochloromethane	124-48-1	880	U	880	7500	U	7500
Chlorobenzene	108-90-7	880	U	880	4100	U	4100
Ethylbenzene	100-41-4	880	U	880	3800	U	3800
Xylene (m,p)	1330-20-7	2200	U	2200	9600	U	9600
Xylene (o)	95-47-6	880	U	880	3800	U	3800
Styrene	100-42-5	880	U	880	3700	U	3700

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-27V5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 4420.00

Sample Matrix: AIR

Lab Sample No.: 787834

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	880	U	880	9100	U	9100
1,1,2,2-Tetrachloroethane	79-34-5	880	U	880	6000	U	6000

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-28V3.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 150.00

Sample Matrix: AIR

Lab Sample No.: 787835

Date Analyzed: 03/12/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	75	U	75	150	U	150
Vinyl Chloride	75-01-4	4400		30	11000		77
Bromomethane	74-83-9	30	U	30	120	U	120
Chloroethane	75-00-3	75	U	75	200	U	200
1,1-Dichloroethene	75-35-4	30	U	30	120	U	120
Acetone	67-64-1	750	U	750	1800	U	1800
Carbon Disulfide	75-15-0	75	U	75	230	U	230
Methylene Chloride	75-09-2	75	U	75	260	U	260
trans-1,2-Dichloroethene	156-60-5	30	U	30	120	U	120
1,1-Dichloroethane	75-34-3	67		30	270		120
Methyl Ethyl Ketone	78-93-3	75	U	75	220	U	220
cis-1,2-Dichloroethene	156-59-2	42		30	170		120
Chloroform	67-66-3	41		30	200		150
1,1,1-Trichloroethane	71-55-6	30	U	30	160	U	160
Carbon Tetrachloride	56-23-5	30	U	30	190	U	190
Benzene	71-43-2	30	U	30	96	U	96
1,2-Dichloroethane	107-06-2	260		30	1100		120
Trichloroethene	79-01-6	30		30	160		160
1,2-Dichloropropane	78-87-5	30	U	30	140	U	140
Bromodichloromethane	75-27-4	30	U	30	200	U	200
cis-1,3-Dichloropropene	10061-01-5	30	U	30	140	U	140
Methyl Isobutyl Ketone	108-10-1	75	U	75	310	U	310
Toluene	108-88-3	47		30	180		110
trans-1,3-Dichloropropene	10061-02-6	30	U	30	140	U	140
1,1,2-Trichloroethane	79-00-5	30	U	30	160	U	160
Tetrachloroethene	127-18-4	30	U	30	200	U	200
Methyl Butyl Ketone	591-78-6	75	U	75	310	U	310
Dibromochloromethane	124-48-1	30	U	30	260	U	260
Chlorobenzene	108-90-7	30	U	30	140	U	140
Ethylbenzene	100-41-4	30	U	30	130	U	130
Xylene (m,p)	1330-20-7	75	U	75	330	U	330
Xylene (o)	95-47-6	30	U	30	130	U	130
Styrene	100-42-5	30	U	30	130	U	130

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-28V3.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 150.00

Sample Matrix: AIR

Lab Sample No.: 787835

Date Analyzed: 03/12/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	30	U	30	310	U	310
1,1,2,2-Tetrachloroethane	79-34-5	30	U	30	210	U	210

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-29V1.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 321.00

Sample Matrix: AIR

Lab Sample No.: 787836

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	160	U	160	330	U	330
Vinyl Chloride	75-01-4	64	U	64	160	U	160
Bromomethane	74-83-9	64	U	64	250	U	250
Chloroethane	75-00-3	160	U	160	420	U	420
1,1-Dichloroethene	75-35-4	64	U	64	250	U	250
Acetone	67-64-1	1600	U	1600	3800	U	3800
Carbon Disulfide	75-15-0	160	U	160	500	U	500
Methylene Chloride	75-09-2	160	U	160	560	U	560
trans-1,2-Dichloroethene	156-60-5	64	U	64	250	U	250
1,1-Dichloroethane	75-34-3	64	U	64	260	U	260
Methyl Ethyl Ketone	78-93-3	160	U	160	470	U	470
cis-1,2-Dichloroethene	156-59-2	64	U	64	250	U	250
Chloroform	67-66-3	64	U	64	310	U	310
1,1,1-Trichloroethane	71-55-6	64	U	64	350	U	350
Carbon Tetrachloride	56-23-5	64	U	64	400	U	400
Benzene	71-43-2	64	U	64	200	U	200
1,2-Dichloroethane	107-06-2	64	U	64	260	U	260
Trichloroethene	79-01-6	64	U	64	340	U	340
1,2-Dichloropropane	78-87-5	64	U	64	300	U	300
Bromodichloromethane	75-27-4	64	U	64	430	U	430
cis-1,3-Dichloropropene	10061-01-5	64	U	64	290	U	290
Methyl Isobutyl Ketone	108-10-1	160	U	160	660	U	660
Toluene	108-88-3	10000		64	38000		240
trans-1,3-Dichloropropene	10061-02-6	64	U	64	290	U	290
1,1,2-Trichloroethane	79-00-5	64	U	64	350	U	350
Tetrachloroethene	127-18-4	64	U	64	430	U	430
Methyl Butyl Ketone	591-78-6	160	U	160	660	U	660
Dibromochloromethane	124-48-1	64	U	64	550	U	550
Chlorobenzene	108-90-7	64	U	64	290	U	290
Ethylbenzene	100-41-4	5200		64	23000		280
Xylene (m,p)	1330-20-7	760		160	3300		690
Xylene (o)	95-47-6	64	U	64	280	U	280
Styrene	100-42-5	64	U	64	270	U	270

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090304VP-29V1.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 321.00

Sample Matrix: AIR

Lab Sample No.: 787836

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	64	U	64	660	U	660
1,1,2,2-Tetrachloroethane	79-34-5	64	U	64	440	U	440

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-31V4N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 787837

Date Analyzed: 03/12/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	2.5		0.20	6.4		0.51
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	15		5.0	36		12
Carbon Disulfide	75-15-0	1.4		0.50	4.4		1.6
Methylene Chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
1,1-Dichloroethane	75-34-3	0.28		0.20	1.1		0.81
Methyl Ethyl Ketone	78-93-3	1.9		0.50	5.6		1.5
cis-1,2-Dichloroethene	156-59-2	3.1		0.20	12		0.79
Chloroform	67-66-3	2.5		0.20	12		0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
Benzene	71-43-2	0.31		0.20	0.99		0.64
1,2-Dichloroethane	107-06-2	2.3		0.20	9.3		0.81
Trichloroethene	79-01-6	1.3		0.20	7.0		1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	1.6		0.20	6.0		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	4.0		0.20	27		1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.35		0.20	1.5		0.87
Xylene (m,p)	1330-20-7	1.4		0.50	6.1		2.2
Xylene (o)	95-47-6	0.40		0.20	1.7		0.87
Styrene	100-42-5	0.66		0.20	2.8		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-31V4N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 787837

Date Analyzed: 03/12/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-32V2N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 787838

Date Analyzed: 03/12/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.7		2.0	6.9		5.1
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Carbon Disulfide	75-15-0	110		5.0	340		16
Methylene Chloride	75-09-2	5.0	U	5.0	17	U	17
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Carbon Tetrachloride	56-23-5	2.0	U	2.0	13	U	13
Benzene	71-43-2	18		2.0	58		6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	17		2.0	64		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
Chlorobenzene	108-90-7	4.2		2.0	19		9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	11		5.0	48		22
Xylene (o)	95-47-6	7.7		2.0	33		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-32V2N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 787838

Date Analyzed: 03/12/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-34V2N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 2.50

Sample Matrix: AIR

Lab Sample No.: 787839

Date Analyzed: 03/24/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	1.3	U	1.3	2.7	U	2.7
Vinyl Chloride	75-01-4	2.1		0.50	5.4		1.3
Bromomethane	74-83-9	0.50	U	0.50	1.9	U	1.9
Chloroethane	75-00-3	1.3	U	1.3	3.4	U	3.4
1,1-Dichloroethene	75-35-4	0.50	U	0.50	2.0	U	2.0
Acetone	67-64-1	57		13	140		31
Carbon Disulfide	75-15-0	6.0		1.3	19		4.0
Methylene Chloride	75-09-2	1.3	U	1.3	4.5	U	4.5
trans-1,2-Dichloroethene	156-60-5	0.50	U	0.50	2.0	U	2.0
1,1-Dichloroethane	75-34-3	1.5		0.50	6.1		2.0
Methyl Ethyl Ketone	78-93-3	1.4		1.3	4.1		3.8
cis-1,2-Dichloroethene	156-59-2	2.4		0.50	9.5		2.0
Chloroform	67-66-3	1.2		0.50	5.9		2.4
1,1,1-Trichloroethane	71-55-6	0.50	U	0.50	2.7	U	2.7
Carbon Tetrachloride	56-23-5	0.50	U	0.50	3.1	U	3.1
Benzene	71-43-2	0.57		0.50	1.8		1.6
1,2-Dichloroethane	107-06-2	3.6		0.50	15		2.0
Trichloroethene	79-01-6	0.50	U	0.50	2.7	U	2.7
1,2-Dichloropropane	78-87-5	0.50	U	0.50	2.3	U	2.3
Bromodichloromethane	75-27-4	0.50	U	0.50	3.4	U	3.4
cis-1,3-Dichloropropene	10061-01-5	0.50	U	0.50	2.3	U	2.3
Methyl Isobutyl Ketone	108-10-1	1.3	U	1.3	5.3	U	5.3
Toluene	108-88-3	0.50	U	0.50	1.9	U	1.9
trans-1,3-Dichloropropene	10061-02-6	0.50	U	0.50	2.3	U	2.3
1,1,2-Trichloroethane	79-00-5	0.50	U	0.50	2.7	U	2.7
Tetrachloroethene	127-18-4	0.50	U	0.50	3.4	U	3.4
Methyl Butyl Ketone	591-78-6	1.3	U	1.3	5.3	U	5.3
Dibromochloromethane	124-48-1	0.50	U	0.50	4.3	U	4.3
Chlorobenzene	108-90-7	0.50	U	0.50	2.3	U	2.3
Ethylbenzene	100-41-4	0.50	U	0.50	2.2	U	2.2
Xylene (m,p)	1330-20-7	1.3	U	1.3	5.6	U	5.6
Xylene (o)	95-47-6	0.50	U	0.50	2.2	U	2.2
Styrene	100-42-5	0.50	U	0.50	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-34V2N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 2.50

Sample Matrix: AIR

Lab Sample No.: 787839

Date Analyzed: 03/24/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	0.50	U	0.50	5.2	U	5.2
1,1,2,2-Tetrachloroethane	79-34-5	0.50	U	0.50	3.4	U	3.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-37V11.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1270.00

Sample Matrix: AIR

Lab Sample No.: 787840

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	640	U	640	1300	U	1300
Vinyl Chloride	75-01-4	600		250	1500		640
Bromomethane	74-83-9	250	U	250	970	U	970
Chloroethane	75-00-3	640	U	640	1700	U	1700
1,1-Dichloroethene	75-35-4	250	U	250	990	U	990
Acetone	67-64-1	6400	U	6400	15000	U	15000
Carbon Disulfide	75-15-0	640	U	640	2000	U	2000
Methylene Chloride	75-09-2	640	U	640	2200	U	2200
trans-1,2-Dichloroethene	156-60-5	250	U	250	990	U	990
1,1-Dichloroethane	75-34-3	250	U	250	1000	U	1000
Methyl Ethyl Ketone	78-93-3	640	U	640	1900	U	1900
cis-1,2-Dichloroethene	156-59-2	580		250	2300		990
Chloroform	67-66-3	250	U	250	1200	U	1200
1,1,1-Trichloroethane	71-55-6	250	U	250	1400	U	1400
Carbon Tetrachloride	56-23-5	250	U	250	1600	U	1600
Benzene	71-43-2	250	U	250	800	U	800
1,2-Dichloroethane	107-06-2	250	U	250	1000	U	1000
Trichloroethene	79-01-6	250	U	250	1300	U	1300
1,2-Dichloropropane	78-87-5	250	U	250	1200	U	1200
Bromodichloromethane	75-27-4	250	U	250	1700	U	1700
cis-1,3-Dichloropropene	10061-01-5	250	U	250	1100	U	1100
Methyl Isobutyl Ketone	108-10-1	640	U	640	2600	U	2600
Toluene	108-88-3	19000		250	72000		940
trans-1,3-Dichloropropene	10061-02-6	250	U	250	1100	U	1100
1,1,2-Trichloroethane	79-00-5	250	U	250	1400	U	1400
Tetrachloroethene	127-18-4	250	U	250	1700	U	1700
Methyl Butyl Ketone	591-78-6	640	U	640	2600	U	2600
Dibromochloromethane	124-48-1	250	U	250	2100	U	2100
Chlorobenzene	108-90-7	250	U	250	1200	U	1200
Ethylbenzene	100-41-4	40000		250	170000		1100
Xylene (m,p)	1330-20-7	72000		640	310000		2800
Xylene (o)	95-47-6	2600		250	11000		1100
Styrene	100-42-5	250	U	250	1100	U	1100

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-37V11.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1270.00

Sample Matrix: AIR

Lab Sample No.: 787840

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	250	U	250	2600	U	2600
1,1,2,2-Tetrachloroethane	79-34-5	250	U	250	1700	U	1700

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-38V11.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1410.00

Sample Matrix: AIR

Lab Sample No.: 787841

Date Analyzed: 03/14/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	710	U	710	1500	U	1500
Vinyl Chloride	75-01-4	280	U	280	720	U	720
Bromomethane	74-83-9	280	U	280	1100	U	1100
Chloroethane	75-00-3	710	U	710	1900	U	1900
1,1-Dichloroethene	75-35-4	280	U	280	1100	U	1100
Acetone	67-64-1	7100	U	7100	17000	U	17000
Carbon Disulfide	75-15-0	710	U	710	2200	U	2200
Methylene Chloride	75-09-2	710	U	710	2500	U	2500
trans-1,2-Dichloroethene	156-60-5	280	U	280	1100	U	1100
1,1-Dichloroethane	75-34-3	280	U	280	1100	U	1100
Methyl Ethyl Ketone	78-93-3	710	U	710	2100	U	2100
cis-1,2-Dichloroethene	156-59-2	280	U	280	1100	U	1100
Chloroform	67-66-3	280	U	280	1400	U	1400
1,1,1-Trichloroethane	71-55-6	280	U	280	1500	U	1500
Carbon Tetrachloride	56-23-5	280	U	280	1800	U	1800
Benzene	71-43-2	280	U	280	890	U	890
1,2-Dichloroethane	107-06-2	280	U	280	1100	U	1100
Trichloroethene	79-01-6	280	U	280	1500	U	1500
1,2-Dichloropropane	78-87-5	280	U	280	1300	U	1300
Bromodichloromethane	75-27-4	280	U	280	1900	U	1900
cis-1,3-Dichloropropene	10061-01-5	280	U	280	1300	U	1300
Methyl Isobutyl Ketone	108-10-1	710	U	710	2900	U	2900
Toluene	108-88-3	280	U	280	1100	U	1100
trans-1,3-Dichloropropene	10061-02-6	280	U	280	1300	U	1300
1,1,2-Trichloroethane	79-00-5	280	U	280	1500	U	1500
Tetrachloroethene	127-18-4	280	U	280	1900	U	1900
Methyl Butyl Ketone	591-78-6	710	U	710	2900	U	2900
Dibromochloromethane	124-48-1	280	U	280	2400	U	2400
Chlorobenzene	108-90-7	280	U	280	1300	U	1300
Ethylbenzene	100-41-4	3000		280	13000		1200
Xylene (m,p)	1330-20-7	7700		710	33000		3100
Xylene (o)	95-47-6	280	U	280	1200	U	1200
Styrene	100-42-5	280	U	280	1200	U	1200

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-38V11.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1410.00

Sample Matrix: AIR

Lab Sample No.: 787841

Date Analyzed: 03/14/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	280	U	280	2900	U	2900
1,1,2,2-Tetrachloroethane	79-34-5	280	U	280	1900	U	1900

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-39V9.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 20.10

Sample Matrix: AIR

Lab Sample No.: 787842

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	10	U	10	21	U	21
Vinyl Chloride	75-01-4	41		4.0	100		10
Bromomethane	74-83-9	4.0	U	4.0	16	U	16
Chloroethane	75-00-3	10	U	10	26	U	26
1,1-Dichloroethene	75-35-4	4.0	U	4.0	16	U	16
Acetone	67-64-1	100	U	100	240	U	240
Carbon Disulfide	75-15-0	16		10	50		31
Methylene Chloride	75-09-2	10	U	10	35	U	35
trans-1,2-Dichloroethene	156-60-5	4.0	U	4.0	16	U	16
1,1-Dichloroethane	75-34-3	4.0	U	4.0	16	U	16
Methyl Ethyl Ketone	78-93-3	10	U	10	29	U	29
cis-1,2-Dichloroethene	156-59-2	15		4.0	59		16
Chloroform	67-66-3	4.0	U	4.0	20	U	20
1,1,1-Trichloroethane	71-55-6	4.0	U	4.0	22	U	22
Carbon Tetrachloride	56-23-5	4.0	U	4.0	25	U	25
Benzene	71-43-2	45		4.0	140		13
1,2-Dichloroethane	107-06-2	4.0	U	4.0	16	U	16
Trichloroethene	79-01-6	4.0	U	4.0	21	U	21
1,2-Dichloropropane	78-87-5	4.0	U	4.0	18	U	18
Bromodichloromethane	75-27-4	4.0	U	4.0	27	U	27
cis-1,3-Dichloropropene	10061-01-5	4.0	U	4.0	18	U	18
Methyl Isobutyl Ketone	108-10-1	10	U	10	41	U	41
Toluene	108-88-3	27		4.0	100		15
trans-1,3-Dichloropropene	10061-02-6	4.0	U	4.0	18	U	18
1,1,2-Trichloroethane	79-00-5	4.0	U	4.0	22	U	22
Tetrachloroethene	127-18-4	4.0	U	4.0	27	U	27
Methyl Butyl Ketone	591-78-6	10	U	10	41	U	41
Dibromochloromethane	124-48-1	4.0	U	4.0	34	U	34
Chlorobenzene	108-90-7	4.0	U	4.0	18	U	18
Ethylbenzene	100-41-4	15		4.0	65		17
Xylene (m,p)	1330-20-7	61		10	260		43
Xylene (o)	95-47-6	9.0		4.0	39		17
Styrene	100-42-5	4.0	U	4.0	17	U	17

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090305VP-39V9.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 20.10

Sample Matrix: AIR

Lab Sample No.: 787842

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	4.0	U	4.0	41	U	41
1,1,2,2-Tetrachloroethane	79-34-5	4.0	U	4.0	27	U	27

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090306VP-33V3N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 585.00

Sample Matrix: AIR

Lab Sample No.: 787843

Date Analyzed: 03/14/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	290	U	290	600	U	600
Vinyl Chloride	75-01-4	120	U	120	310	U	310
Bromomethane	74-83-9	120	U	120	470	U	470
Chloroethane	75-00-3	290	U	290	770	U	770
1,1-Dichloroethene	75-35-4	120	U	120	480	U	480
Acetone	67-64-1	2900	U	2900	6900	U	6900
Carbon Disulfide	75-15-0	290	U	290	900	U	900
Methylene Chloride	75-09-2	290	U	290	1000	U	1000
trans-1,2-Dichloroethene	156-60-5	120	U	120	480	U	480
1,1-Dichloroethane	75-34-3	120	U	120	490	U	490
Methyl Ethyl Ketone	78-93-3	290	U	290	860	U	860
cis-1,2-Dichloroethene	156-59-2	120	U	120	480	U	480
Chloroform	67-66-3	120	U	120	590	U	590
1,1,1-Trichloroethane	71-55-6	120	U	120	650	U	650
Carbon Tetrachloride	56-23-5	120	U	120	750	U	750
Benzene	71-43-2	220		120	700		380
1,2-Dichloroethane	107-06-2	120	U	120	490	U	490
Trichloroethene	79-01-6	120	U	120	640	U	640
1,2-Dichloropropane	78-87-5	120	U	120	550	U	550
Bromodichloromethane	75-27-4	120	U	120	800	U	800
cis-1,3-Dichloropropene	10061-01-5	120	U	120	540	U	540
Methyl Isobutyl Ketone	108-10-1	290	U	290	1200	U	1200
Toluene	108-88-3	140		120	530		450
trans-1,3-Dichloropropene	10061-02-6	120	U	120	540	U	540
1,1,2-Trichloroethane	79-00-5	120	U	120	650	U	650
Tetrachloroethene	127-18-4	120	U	120	810	U	810
Methyl Butyl Ketone	591-78-6	290	U	290	1200	U	1200
Dibromochloromethane	124-48-1	120	U	120	1000	U	1000
Chlorobenzene	108-90-7	120	U	120	550	U	550
Ethylbenzene	100-41-4	130		120	560		520
Xylene (m,p)	1330-20-7	290	U	290	1300	U	1300
Xylene (o)	95-47-6	120	U	120	520	U	520
Styrene	100-42-5	120	U	120	510	U	510

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090306VP-33V3N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 585.00

Sample Matrix: AIR

Lab Sample No.: 787843

Date Analyzed: 03/14/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	120	U	120	1200	U	1200
1,1,2,2-Tetrachloroethane	79-34-5	120	U	120	820	U	820

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090306VP-35V6.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 99.40

Sample Matrix: AIR

Lab Sample No.: 787844

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	50	U	50	100	U	100
Vinyl Chloride	75-01-4	2200		20	5600		51
Bromomethane	74-83-9	20	U	20	78	U	78
Chloroethane	75-00-3	50	U	50	130	U	130
1,1-Dichloroethene	75-35-4	20	U	20	79	U	79
Acetone	67-64-1	500	U	500	1200	U	1200
Carbon Disulfide	75-15-0	50	U	50	160	U	160
Methylene Chloride	75-09-2	50	U	50	170	U	170
trans-1,2-Dichloroethene	156-60-5	61		20	240		79
1,1-Dichloroethane	75-34-3	20	U	20	81	U	81
Methyl Ethyl Ketone	78-93-3	50	U	50	150	U	150
cis-1,2-Dichloroethene	156-59-2	1400		20	5600		79
Chloroform	67-66-3	20	U	20	98	U	98
1,1,1-Trichloroethane	71-55-6	20	U	20	110	U	110
Carbon Tetrachloride	56-23-5	20	U	20	130	U	130
Benzene	71-43-2	20	U	20	64	U	64
1,2-Dichloroethane	107-06-2	210		20	850		81
Trichloroethene	79-01-6	98		20	530		110
1,2-Dichloropropane	78-87-5	20	U	20	92	U	92
Bromodichloromethane	75-27-4	20	U	20	130	U	130
cis-1,3-Dichloropropene	10061-01-5	20	U	20	91	U	91
Methyl Isobutyl Ketone	108-10-1	50	U	50	200	U	200
Toluene	108-88-3	60		20	230		75
trans-1,3-Dichloropropene	10061-02-6	20	U	20	91	U	91
1,1,2-Trichloroethane	79-00-5	20	U	20	110	U	110
Tetrachloroethene	127-18-4	74		20	500		140
Methyl Butyl Ketone	591-78-6	50	U	50	200	U	200
Dibromochloromethane	124-48-1	20	U	20	170	U	170
Chlorobenzene	108-90-7	21		20	97		92
Ethylbenzene	100-41-4	120		20	520		87
Xylene (m,p)	1330-20-7	170		50	740		220
Xylene (o)	95-47-6	77		20	330		87
Styrene	100-42-5	20	U	20	85	U	85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090306VP-35V6.5N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 99.40

Sample Matrix: AIR

Lab Sample No.: 787844

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	20	U	20	210	U	210
1,1,2,2-Tetrachloroethane	79-34-5	20	U	20	140	U	140

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090306VP-36V7N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1630.00

Sample Matrix: AIR

Lab Sample No.: 787845

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	820	U	820	1700	U	1700
Vinyl Chloride	75-01-4	330	U	330	840	U	840
Bromomethane	74-83-9	330	U	330	1300	U	1300
Chloroethane	75-00-3	820	U	820	2200	U	2200
1,1-Dichloroethene	75-35-4	330	U	330	1300	U	1300
Acetone	67-64-1	8200	U	8200	19000	U	19000
Carbon Disulfide	75-15-0	820	U	820	2600	U	2600
Methylene Chloride	75-09-2	820	U	820	2800	U	2800
trans-1,2-Dichloroethene	156-60-5	330	U	330	1300	U	1300
1,1-Dichloroethane	75-34-3	330	U	330	1300	U	1300
Methyl Ethyl Ketone	78-93-3	820	U	820	2400	U	2400
cis-1,2-Dichloroethene	156-59-2	330	U	330	1300	U	1300
Chloroform	67-66-3	330	U	330	1600	U	1600
1,1,1-Trichloroethane	71-55-6	330	U	330	1800	U	1800
Carbon Tetrachloride	56-23-5	330	U	330	2100	U	2100
Benzene	71-43-2	360		330	1200		1100
1,2-Dichloroethane	107-06-2	330	U	330	1300	U	1300
Trichloroethene	79-01-6	330	U	330	1800	U	1800
1,2-Dichloropropane	78-87-5	330	U	330	1500	U	1500
Bromodichloromethane	75-27-4	330	U	330	2200	U	2200
cis-1,3-Dichloropropene	10061-01-5	330	U	330	1500	U	1500
Methyl Isobutyl Ketone	108-10-1	820	U	820	3400	U	3400
Toluene	108-88-3	54000		330	200000		1200
trans-1,3-Dichloropropene	10061-02-6	330	U	330	1500	U	1500
1,1,2-Trichloroethane	79-00-5	330	U	330	1800	U	1800
Tetrachloroethene	127-18-4	330	U	330	2200	U	2200
Methyl Butyl Ketone	591-78-6	820	U	820	3400	U	3400
Dibromochloromethane	124-48-1	330	U	330	2800	U	2800
Chlorobenzene	108-90-7	330	U	330	1500	U	1500
Ethylbenzene	100-41-4	33000		330	140000		1400
Xylene (m,p)	1330-20-7	60000		820	260000		3600
Xylene (o)	95-47-6	8400		330	36000		1400
Styrene	100-42-5	330	U	330	1400	U	1400

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090306VP-36V7N

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1630.00

Sample Matrix: AIR

Lab Sample No.: 787845

Date Analyzed: 03/13/09

Date Received: 03/10/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	330	U	330	3400	U	3400
1,1,2,2-Tetrachloroethane	79-34-5	330	U	330	2300	U	2300

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031209LCS

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031209

Date Analyzed: 03/12/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	9.5		0.50	20		1.0
Vinyl Chloride	75-01-4	9.9		0.20	25		0.51
Bromomethane	74-83-9	11		0.20	43		0.78
Chloroethane	75-00-3	10		0.50	26		1.3
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	12		5.0	29		12
Carbon Disulfide	75-15-0	10		0.50	31		1.6
Methylene Chloride	75-09-2	10		0.50	35		1.7
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
Methyl Ethyl Ketone	78-93-3	11		0.50	32		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	10		0.20	45		0.91
Methyl Isobutyl Ketone	108-10-1	9.6		0.50	39		2.0
Toluene	108-88-3	10		0.20	38		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	10		0.20	68		1.4
Methyl Butyl Ketone	591-78-6	9.7		0.50	40		2.0
Dibromochloromethane	124-48-1	12		0.20	100		1.7
Chlorobenzene	108-90-7	10		0.20	46		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	22		0.50	96		2.2
Xylene (o)	95-47-6	11		0.20	48		0.87
Styrene	100-42-5	12		0.20	51		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031209LCS

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031209

Date Analyzed: 03/12/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	11		0.20	76		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031209LCSD

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031209

Date Analyzed: 03/12/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	9.6		0.50	20		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
Bromomethane	74-83-9	11		0.20	43		0.78
Chloroethane	75-00-3	10		0.50	26		1.3
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	12		5.0	29		12
Carbon Disulfide	75-15-0	11		0.50	34		1.6
Methylene Chloride	75-09-2	10		0.50	35		1.7
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
1,1-Dichloroethane	75-34-3	11		0.20	45		0.81
Methyl Ethyl Ketone	78-93-3	12		0.50	35		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Carbon Tetrachloride	56-23-5	12		0.20	75		1.3
Benzene	71-43-2	11		0.20	35		0.64
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
Trichloroethene	79-01-6	11		0.20	59		1.1
1,2-Dichloropropane	78-87-5	11		0.20	51		0.92
Bromodichloromethane	75-27-4	12		0.20	80		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	10		0.50	41		2.0
Toluene	108-88-3	11		0.20	41		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	11		0.20	60		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	10		0.50	41		2.0
Dibromochloromethane	124-48-1	12		0.20	100		1.7
Chlorobenzene	108-90-7	11		0.20	51		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	23		0.50	100		2.2
Xylene (o)	95-47-6	12		0.20	52		0.87
Styrene	100-42-5	12		0.20	51		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031209LCSD

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031209

Date Analyzed: 03/12/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	13		0.20	130		2.1
1,1,2,2-Tetrachloroethane	79-34-5	11		0.20	76		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031309LCS

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031309

Date Analyzed: 03/13/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	9.2		0.50	19		1.0
Vinyl Chloride	75-01-4	9.6		0.20	25		0.51
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	9.5		0.50	25		1.3
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	11		5.0	26		12
Carbon Disulfide	75-15-0	10		0.50	31		1.6
Methylene Chloride	75-09-2	9.7		0.50	34		1.7
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
Methyl Ethyl Ketone	78-93-3	12		0.50	35		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	10		0.20	55		1.1
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	10		0.20	40		0.81
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	10		0.20	45		0.91
Methyl Isobutyl Ketone	108-10-1	9.4		0.50	39		2.0
Toluene	108-88-3	11		0.20	41		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	9.7		0.50	40		2.0
Dibromochloromethane	124-48-1	12		0.20	100		1.7
Chlorobenzene	108-90-7	11		0.20	51		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	23		0.50	100		2.2
Xylene (o)	95-47-6	11		0.20	48		0.87
Styrene	100-42-5	12		0.20	51		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031309LCS

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031309

Date Analyzed: 03/13/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	13		0.20	130		2.1
1,1,2,2-Tetrachloroethane	79-34-5	11		0.20	76		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031309LCSD

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031309

Date Analyzed: 03/13/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	9.1		0.50	19		1.0
Vinyl Chloride	75-01-4	9.4		0.20	24		0.51
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	9.5		0.50	25		1.3
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	11		5.0	26		12
Carbon Disulfide	75-15-0	10		0.50	31		1.6
Methylene Chloride	75-09-2	9.7		0.50	34		1.7
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
Methyl Ethyl Ketone	78-93-3	11		0.50	32		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
Trichloroethene	79-01-6	11		0.20	59		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	9.7		0.50	40		2.0
Toluene	108-88-3	11		0.20	41		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	9.9		0.50	41		2.0
Dibromochloromethane	124-48-1	12		0.20	100		1.7
Chlorobenzene	108-90-7	11		0.20	51		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	23		0.50	100		2.2
Xylene (o)	95-47-6	11		0.20	48		0.87
Styrene	100-42-5	12		0.20	51		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031309LCSD

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031309

Date Analyzed: 03/13/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	13		0.20	130		2.1
1,1,2,2-Tetrachloroethane	79-34-5	11		0.20	76		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031409LCS

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031409

Date Analyzed: 03/14/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	9.6		0.50	20		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
Bromomethane	74-83-9	11		0.20	43		0.78
Chloroethane	75-00-3	10		0.50	26		1.3
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	11		5.0	26		12
Carbon Disulfide	75-15-0	11		0.50	34		1.6
Methylene Chloride	75-09-2	10		0.50	35		1.7
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
1,1-Dichloroethane	75-34-3	11		0.20	45		0.81
Methyl Ethyl Ketone	78-93-3	12		0.50	35		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Carbon Tetrachloride	56-23-5	12		0.20	75		1.3
Benzene	71-43-2	11		0.20	35		0.64
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
Trichloroethene	79-01-6	11		0.20	59		1.1
1,2-Dichloropropane	78-87-5	11		0.20	51		0.92
Bromodichloromethane	75-27-4	12		0.20	80		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	11		0.50	45		2.0
Toluene	108-88-3	11		0.20	41		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	11		0.20	60		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	11		0.50	45		2.0
Dibromochloromethane	124-48-1	13		0.20	110		1.7
Chlorobenzene	108-90-7	11		0.20	51		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	23		0.50	100		2.2
Xylene (o)	95-47-6	12		0.20	52		0.87
Styrene	100-42-5	12		0.20	51		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031409LCS

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031409

Date Analyzed: 03/14/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	13		0.20	130		2.1
1,1,2,2-Tetrachloroethane	79-34-5	11		0.20	76		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031409LCSD

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031409

Date Analyzed: 03/14/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	9.3		0.50	19		1.0
Vinyl Chloride	75-01-4	9.7		0.20	25		0.51
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	10		0.50	26		1.3
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	11		5.0	26		12
Carbon Disulfide	75-15-0	10		0.50	31		1.6
Methylene Chloride	75-09-2	9.7		0.50	34		1.7
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
Methyl Ethyl Ketone	78-93-3	11		0.50	32		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	10		0.20	55		1.1
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
Benzene	71-43-2	9.9		0.20	32		0.64
1,2-Dichloroethane	107-06-2	10		0.20	40		0.81
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	10		0.20	45		0.91
Methyl Isobutyl Ketone	108-10-1	9.6		0.50	39		2.0
Toluene	108-88-3	10		0.20	38		0.75
trans-1,3-Dichloropropene	10061-02-6	10		0.20	45		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	9.8		0.50	40		2.0
Dibromochloromethane	124-48-1	12		0.20	100		1.7
Chlorobenzene	108-90-7	10		0.20	46		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	22		0.50	96		2.2
Xylene (o)	95-47-6	11		0.20	48		0.87
Styrene	100-42-5	12		0.20	51		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA031409LCSD

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA031409

Date Analyzed: 03/14/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	11		0.20	76		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA032309LCS

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA032309

Date Analyzed: 03/23/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	9.1		0.50	19		1.0
Vinyl Chloride	75-01-4	9.7		0.20	25		0.51
Bromomethane	74-83-9	11		0.20	43		0.78
Chloroethane	75-00-3	10		0.50	26		1.3
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	11		5.0	26		12
Carbon Disulfide	75-15-0	11		0.50	34		1.6
Methylene Chloride	75-09-2	10		0.50	35		1.7
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
1,1-Dichloroethane	75-34-3	11		0.20	45		0.81
Methyl Ethyl Ketone	78-93-3	11		0.50	32		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Carbon Tetrachloride	56-23-5	12		0.20	75		1.3
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
Trichloroethene	79-01-6	11		0.20	59		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
Bromodichloromethane	75-27-4	12		0.20	80		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	9.9		0.50	41		2.0
Toluene	108-88-3	11		0.20	41		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	9.8		0.50	40		2.0
Dibromochloromethane	124-48-1	12		0.20	100		1.7
Chlorobenzene	108-90-7	11		0.20	51		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	22		0.50	96		2.2
Xylene (o)	95-47-6	11		0.20	48		0.87
Styrene	100-42-5	12		0.20	51		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA032309LCS

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA032309

Date Analyzed: 03/23/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	13		0.20	130		2.1
1,1,2,2-Tetrachloroethane	79-34-5	11		0.20	76		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA032309LCSD

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA032309

Date Analyzed: 03/23/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	9.0		0.50	19		1.0
Vinyl Chloride	75-01-4	9.5		0.20	24		0.51
Bromomethane	74-83-9	11		0.20	43		0.78
Chloroethane	75-00-3	9.8		0.50	26		1.3
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	9.4		5.0	22		12
Carbon Disulfide	75-15-0	11		0.50	34		1.6
Methylene Chloride	75-09-2	9.8		0.50	34		1.7
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
Methyl Ethyl Ketone	78-93-3	9.2		0.50	27		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	12		0.20	65		1.1
Carbon Tetrachloride	56-23-5	13		0.20	82		1.3
Benzene	71-43-2	11		0.20	35		0.64
1,2-Dichloroethane	107-06-2	12		0.20	49		0.81
Trichloroethene	79-01-6	12		0.20	64		1.1
1,2-Dichloropropane	78-87-5	11		0.20	51		0.92
Bromodichloromethane	75-27-4	12		0.20	80		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	10		0.50	41		2.0
Toluene	108-88-3	11		0.20	41		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	11		0.20	60		1.1
Tetrachloroethene	127-18-4	12		0.20	81		1.4
Methyl Butyl Ketone	591-78-6	11		0.50	45		2.0
Dibromochloromethane	124-48-1	13		0.20	110		1.7
Chlorobenzene	108-90-7	11		0.20	51		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	22		0.50	96		2.2
Xylene (o)	95-47-6	11		0.20	48		0.87
Styrene	100-42-5	12		0.20	51		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA032309LCSD

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA032309

Date Analyzed: 03/23/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	13		0.20	130		2.1
1,1,2,2-Tetrachloroethane	79-34-5	11		0.20	76		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK031209GA

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0312

Date Analyzed: 03/12/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Carbon Disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
Methylene Chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK031209GA

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0312

Date Analyzed: 03/12/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK031309GA

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0313

Date Analyzed: 03/13/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Carbon Disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
Methylene Chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK031309GA

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0313

Date Analyzed: 03/13/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK031409GA

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0314

Date Analyzed: 03/14/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Carbon Disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
Methylene Chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK031409GA

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0314

Date Analyzed: 03/14/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK032309GA

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0323

Date Analyzed: 03/23/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Carbon Disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
Methylene Chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK032309GA

Lab Name: TAL Burlington

SDG Number: 130551

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0323

Date Analyzed: 03/23/09

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol conden sation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

FQA009:02.18.08:4
TestAmerica Burlington

Chain of Custody

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: Geoff Arbogast	Samples Collected By: J. Bridge M. Clark	1 of 4 COCs
Company: URS Corporation	Phone: 215.367.2500		
Address: 335 Commerce Dr	Email: geoff_arbogast@urscorp.com		
City/State/Zip Ft. Washington, PA 19034			
Phone: 215.367.2500	Site Contact: Carl Coker		
FAX: 215.367.1000	STL Contact: Tom Tonico		
Project Name: Rohm & Haas (Philo.)	Analysis Turnaround Time		
Site: Rohm & Haas (Philo)	Standard (Specify)		
PO # 4501493030 / Quote# 46001757-1	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	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)
20090226VP-20V1.5@N	2-26	1259	1359	26"	1"	3983	555656						X				X		
20090227VP-21V3@N	2-27	0810	0940	30"	1"	4206	6339						↓				↓		
20090227VP-23V3.5@N	2-27	0855	1040	30"	4"	6658	4538												
20090227VP-22V3@N	2-27	0830	1030	30"	2"	5266	3062												
20090304VP-25V6@N	3-4	0808	0850	28"	0"	2530	7306												
20090304VP-24V4@N	3-4	0833	1020	28"	2"	4496	7216						↓				↓		

Temperature (Fahrenheit)	Interior	Ambient
Start		[redacted] Start Temp
Stop		

Pressure (Inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:
Report to: Emily Stroke (URS)
emily_stroke@urscorp.com

Invoice to: Carl Coker (Rohm&Haas) (Site Contact)

Analysis: TCL VOC's, Helium
Sample: 20090226VP-20V1.5@N filled in 1 hr. please check flow controller
Sample: 20090304VP-25V6@N filled in 50 min please check flow controller

Samples Shipped by:	Date/Time: 3-9-2009	Samples Received by: 3/9/09	[redacted] 1045
Samples Relinquished by:	Date/Time: 3/9/09 1145	Received by: 3/10/09	1020
Relinquished by:	Date/Time:	Received by:	

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

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

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

Client Contact Information
Company: URS Corporation
Address: 335 Commerce Dr
City/State/Zip: Ft. Washington, PA 19034
Phone: 215.367.2500
FAX: 215.367.1000
Project Name: Rohm & Haas (Philo.)
Site: Rohm & Haas (Philo.)
PO # 4501493030 / Quote# 46001757-1

Project Manager: Geoff Arbogast
Phone: 215.367.2500
Email: geoff_arbogast@URSCORP.com
Site Contact: Carl Coker
STL Contact: Tom Tonico

Analysis Turnaround Time
Standard (Specify) ✓
Rush (Specify)

Samples Collected By: M. Clark, T. Bridge

2 of 4 COCs

Sample Identification	Sample Date(s)	Time Start	Time Stop	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)
20090304VP-26V5.5@N	3-4	0900	1017	25	5	3116	7166						X				X		
20090304VP-30V5@N	3-4	1007	1200	28	4	3749	7219						↓				↓		
20090304VP-27V5@N	3-4	1105	1305	29	2	2831	7080												
20090304VP-28V35@N	3-4	1130	1322	30	4	2981	6411												
20090304VP-29V1.5@N	3-4	1305	1505	30	4	5617	4184												
20090305VP-31V4@N	3-5	0810	0950	30+	4	3787	6500												

Temperature (Fahrenheit)

	Interior	Ambient	
Start		See start temp	
Stop			

Pressure (Inches of Hg)

	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:
Report to: Emily Stroke (URS)
emily_stroke@urscorp.com

Invoice to: Carl Coker (Rohm&Haas) (Site Contact)

Analysis: TCL VOC's, Helium
Please check flow controller for 20090304VP-26V5.5@N

Samples Shipped by:	Date/Time: 3-9-2009	Samples Received by:	3/9/09 10:45
Samples Relinquished by:	Date/Time: 3/9/09 11:45	Received by:	3/10/09 1020
Relinquished by:	Date/Time:	Received by:	

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

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: Geoff Arbogast	Samples Collected By: J. Bridge, M. Clark	3 of 4 COCs
Company: URS Corporation	Phone: 215.367.2500		
Address: 335 Commerce Dr	Email: geoff_arbogast@URSCORP.com		
City/State/Zip Ft. Washington, PA 19034			
Phone: 215.367.2500	Site Contact: Carl Coker		
FAX: 215.367.1000	STL Contact: Tom Tonico		
Project Name: Rohm & Haas (Phila.)	**Analysis Turnaround Time**		
Site: Rohm & Haas (Phila)	Standard (Specify) 17		
PO # 4501493030 / Quote# 46001757-1	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	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)
20090305VP-32V2@N	3-5	0822	1015	29"	2"	4051	6714						X				X		
20090305VP-34V2@N	3-5	0843	1005	30"	2"	2728	1618						↓				↓		
20090305VP-37V11.5@N	3-5	1110	1337	30+	4"	3126	6702												
20090305VP-38V11.5@N	3-5	1157	1300	29	2"	3467	6710												
20090305VP-39V9.5@N	3-5	1230	1417	30	2"	2774	3790												
20090306VP-33V3@N	3-6	0825	1020	29	1	3936	6328						↓				↓		

Temperature (Fahrenheit)	Interior	Ambient	
Start		see Start temp	
Stop			

Pressure (Inches of Hg)	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:
Report to: Emily Stroke (URS)
emily_stroke@urscorp.com

Invoice to: Carl Coker (Rohm&Haas) (Site Contact)

Analysis: TCL VOC's, Helium
Please check reg. (2928) can filled in less than 2hrs
Please check reg (6710) can filled in less than 2hrs

Samples Shipped by:	Date/Time: 3-9-2009	Samples Received by:	3/9/09 10:45
Samples Relinquished by:	Date/Time: 3/9/09 1145	Received by:	3/10/09 1020
Relinquished by:	Date/Time:	Received by:	

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

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

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

Client Contact Information
Company: URS Corporation
Address: 335 Commerce Dr
City/State/Zip Ft. Washington, PA 19034
Phone: 215.367.2500
FAX: 215.367.1000
Project Name: Rohm & Haas (Philo.)
Site: Rohm & Haas (Philo.)
PO # 4501493030 / Quote# 46001757-1

Project Manager: Geoff Arbogast
Phone: 215.367.2500
Email: geoff_arbogast@URSCORP.com
Site Contact: Carl Coker
STL Contact: Tom Tonico

Analysis Turnaround Time
Standard (Specify) ✓
Rush (Specify)

Samples Collected By: J. Bridge, M. Clark

4 of 4 COCs

Sample Identification	Sample Date(s)	Time Start	Time Stop	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)	Sampler's Initials	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
20090306VP-35V65@N	3-6	0850	1050	[redacted]	[redacted] 4	[redacted]	[redacted] 6821						X				X		
20090306VP-36V7@N	3-6	0914	1119	28	4	3188	6042						↓				↓		

Temperature (Fahrenheit)	Interior	Ambient
Start		see start temp
Stop		

Pressure (Inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:
Report to: Emily Stroke (URS)
emily_stroke@urscorp.com
Invoice to: Carl Coker (Rohm&Haas) (Site Contact)
Analysis: TCL VOC's, Helium

Samples Shipped by:	Date/Time: 3-9-2009	Samples Received by: 3/9/09	10:45
Samples Relinquished by:	Date/Time: 3/9/09 1145	Received by: 3/10/09 1020	
Relinquished by:	Date/Time:	Received by:	

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

QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031209LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chloromethane	10		9.5	95	70-130
Vinyl Chloride	10		9.9	99	70-130
Bromomethane	10		11	110	70-130
Chloroethane	10		10	100	70-130
1,1-Dichloroethene	10		11	110	70-130
Acetone	10		12	120	70-130
Carbon Disulfide	10		10	100	70-130
Methylene Chloride	10		10	100	70-130
trans-1,2-Dichloroethen	10		10	100	70-130
1,1-Dichloroethane	10		10	100	70-130
Methyl Ethyl Ketone	10		11	110	70-130
cis-1,2-Dichloroethene	10		11	110	70-130
Chloroform	10		11	110	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Carbon Tetrachloride	10		11	110	70-130
Benzene	10		10	100	70-130
1,2-Dichloroethane	10		11	110	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		10	100	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		10	100	70-130
Methyl Isobutyl Ketone	10		9.6	96	70-130
Toluene	10		10	100	70-130
trans-1,3-Dichloroprope	10		11	110	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		10	100	70-130
Methyl Butyl Ketone	10		9.7	97	70-130
Dibromochloromethane	10		12	120	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031209LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		10	100	70-130
Ethylbenzene	10		11	110	70-130
Xylene (m,p)	20		22	110	70-130
Xylene (o)	10		11	110	70-130
Styrene	10		12	120	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		11	110	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031209LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloromethane	10	9.6	96	1	25	70-130
Vinyl Chloride	10	10	100	1	25	70-130
Bromomethane	10	11	110	0	25	70-130
Chloroethane	10	10	100	0	25	70-130
1,1-Dichloroethene	10	12	120	9	25	70-130
Acetone	10	12	120	0	25	70-130
Carbon Disulfide	10	11	110	10	25	70-130
Methylene Chloride	10	10	100	0	25	70-130
trans-1,2-Dichloroethen	10	11	110	10	25	70-130
1,1-Dichloroethane	10	11	110	10	25	70-130
Methyl Ethyl Ketone	10	12	120	9	25	70-130
cis-1,2-Dichloroethene	10	11	110	0	25	70-130
Chloroform	10	11	110	0	25	70-130
1,1,1-Trichloroethane	10	11	110	0	25	70-130
Carbon Tetrachloride	10	12	120	9	25	70-130
Benzene	10	11	110	10	25	70-130
1,2-Dichloroethane	10	11	110	0	25	70-130
Trichloroethene	10	11	110	10	25	70-130
1,2-Dichloropropane	10	11	110	10	25	70-130
Bromodichloromethane	10	12	120	9	25	70-130
cis-1,3-Dichloropropene	10	11	110	10	25	70-130
Methyl Isobutyl Ketone	10	10	100	4	25	70-130
Toluene	10	11	110	10	25	70-130
trans-1,3-Dichloroprope	10	11	110	0	25	70-130
1,1,2-Trichloroethane	10	11	110	10	25	70-130
Tetrachloroethene	10	11	110	10	25	70-130
Methyl Butyl Ketone	10	10	100	3	25	70-130
Dibromochloromethane	10	12	120	0	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031209LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10	11	110	10	25	70-130
Ethylbenzene	10	11	110	0	25	70-130
Xylene (m,p)	20	23	115	4	25	70-130
Xylene (o)	10	12	120	9	25	70-130
Styrene	10	12	120	0	25	70-130
Bromoform	10	13	130	8	25	70-130
1,1,2,2-Tetrachloroetha	10	11	110	0	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 35 outside limits
Spike Recovery: 0 out of 70 outside limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031309LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chloromethane	10		9.2	92	70-130
Vinyl Chloride	10		9.6	96	70-130
Bromomethane	10		10	100	70-130
Chloroethane	10		9.5	95	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		11	110	70-130
Carbon Disulfide	10		10	100	70-130
Methylene Chloride	10		9.7	97	70-130
trans-1,2-Dichloroethen	10		10	100	70-130
1,1-Dichloroethane	10		10	100	70-130
Methyl Ethyl Ketone	10		12	120	70-130
cis-1,2-Dichloroethene	10		11	110	70-130
Chloroform	10		11	110	70-130
1,1,1-Trichloroethane	10		10	100	70-130
Carbon Tetrachloride	10		11	110	70-130
Benzene	10		10	100	70-130
1,2-Dichloroethane	10		10	100	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		10	100	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		10	100	70-130
Methyl Isobutyl Ketone	10		9.4	94	70-130
Toluene	10		11	110	70-130
trans-1,3-Dichloroprope	10		11	110	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		11	110	70-130
Methyl Butyl Ketone	10		9.7	97	70-130
Dibromochloromethane	10		12	120	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031309LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		11	110	70-130
Ethylbenzene	10		11	110	70-130
Xylene (m,p)	20		23	115	70-130
Xylene (o)	10		11	110	70-130
Styrene	10		12	120	70-130
Bromoform	10		13	130	70-130
1,1,2,2-Tetrachloroetha	10		11	110	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031309LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloromethane	10	9.1	91	1	25	70-130
Vinyl Chloride	10	9.4	94	2	25	70-130
Bromomethane	10	10	100	0	25	70-130
Chloroethane	10	9.5	95	0	25	70-130
1,1-Dichloroethene	10	12	120	0	25	70-130
Acetone	10	11	110	0	25	70-130
Carbon Disulfide	10	10	100	0	25	70-130
Methylene Chloride	10	9.7	97	0	25	70-130
trans-1,2-Dichloroethen	10	10	100	0	25	70-130
1,1-Dichloroethane	10	10	100	0	25	70-130
Methyl Ethyl Ketone	10	11	110	9	25	70-130
cis-1,2-Dichloroethene	10	11	110	0	25	70-130
Chloroform	10	11	110	0	25	70-130
1,1,1-Trichloroethane	10	11	110	10	25	70-130
Carbon Tetrachloride	10	11	110	0	25	70-130
Benzene	10	10	100	0	25	70-130
1,2-Dichloroethane	10	11	110	10	25	70-130
Trichloroethene	10	11	110	10	25	70-130
1,2-Dichloropropane	10	10	100	0	25	70-130
Bromodichloromethane	10	11	110	0	25	70-130
cis-1,3-Dichloropropene	10	11	110	10	25	70-130
Methyl Isobutyl Ketone	10	9.7	97	3	25	70-130
Toluene	10	11	110	0	25	70-130
trans-1,3-Dichloroprope	10	11	110	0	25	70-130
1,1,2-Trichloroethane	10	10	100	0	25	70-130
Tetrachloroethene	10	11	110	0	25	70-130
Methyl Butyl Ketone	10	9.9	99	2	25	70-130
Dibromochloromethane	10	12	120	0	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031309LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10	11	110	0	25	70-130
Ethylbenzene	10	11	110	0	25	70-130
Xylene (m,p)	20	23	115	0	25	70-130
Xylene (o)	10	11	110	0	25	70-130
Styrene	10	12	120	0	25	70-130
Bromoform	10	13	130	0	25	70-130
1,1,2,2-Tetrachloroetha	10	11	110	0	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 35 outside limits
Spike Recovery: 0 out of 70 outside limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031409LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chloromethane	10		9.6	96	70-130
Vinyl Chloride	10		10	100	70-130
Bromomethane	10		11	110	70-130
Chloroethane	10		10	100	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		11	110	70-130
Carbon Disulfide	10		11	110	70-130
Methylene Chloride	10		10	100	70-130
trans-1,2-Dichloroethen	10		11	110	70-130
1,1-Dichloroethane	10		11	110	70-130
Methyl Ethyl Ketone	10		12	120	70-130
cis-1,2-Dichloroethene	10		11	110	70-130
Chloroform	10		11	110	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Carbon Tetrachloride	10		12	120	70-130
Benzene	10		11	110	70-130
1,2-Dichloroethane	10		11	110	70-130
Trichloroethene	10		11	110	70-130
1,2-Dichloropropane	10		11	110	70-130
Bromodichloromethane	10		12	120	70-130
cis-1,3-Dichloropropene	10		11	110	70-130
Methyl Isobutyl Ketone	10		11	110	70-130
Toluene	10		11	110	70-130
trans-1,3-Dichloroprope	10		11	110	70-130
1,1,2-Trichloroethane	10		11	110	70-130
Tetrachloroethene	10		11	110	70-130
Methyl Butyl Ketone	10		11	110	70-130
Dibromochloromethane	10		13	130	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031409LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		11	110	70-130
Ethylbenzene	10		11	110	70-130
Xylene (m,p)	20		23	115	70-130
Xylene (o)	10		12	120	70-130
Styrene	10		12	120	70-130
Bromoform	10		13	130	70-130
1,1,2,2-Tetrachloroetha	10		11	110	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031409LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloromethane	10	9.3	93	3	25	70-130
Vinyl Chloride	10	9.7	97	3	25	70-130
Bromomethane	10	10	100	10	25	70-130
Chloroethane	10	10	100	0	25	70-130
1,1-Dichloroethene	10	11	110	9	25	70-130
Acetone	10	11	110	0	25	70-130
Carbon Disulfide	10	10	100	10	25	70-130
Methylene Chloride	10	9.7	97	3	25	70-130
trans-1,2-Dichloroethen	10	10	100	10	25	70-130
1,1-Dichloroethane	10	10	100	10	25	70-130
Methyl Ethyl Ketone	10	11	110	9	25	70-130
cis-1,2-Dichloroethene	10	11	110	0	25	70-130
Chloroform	10	11	110	0	25	70-130
1,1,1-Trichloroethane	10	10	100	10	25	70-130
Carbon Tetrachloride	10	11	110	9	25	70-130
Benzene	10	9.9	99	10	25	70-130
1,2-Dichloroethane	10	10	100	10	25	70-130
Trichloroethene	10	10	100	10	25	70-130
1,2-Dichloropropane	10	10	100	10	25	70-130
Bromodichloromethane	10	11	110	9	25	70-130
cis-1,3-Dichloropropene	10	10	100	10	25	70-130
Methyl Isobutyl Ketone	10	9.6	96	14	25	70-130
Toluene	10	10	100	10	25	70-130
trans-1,3-Dichloroprope	10	10	100	10	25	70-130
1,1,2-Trichloroethane	10	10	100	10	25	70-130
Tetrachloroethene	10	11	110	0	25	70-130
Methyl Butyl Ketone	10	9.8	98	12	25	70-130
Dibromochloromethane	10	12	120	8	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA031409LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10	10	100	10	25	70-130
Ethylbenzene	10	11	110	0	25	70-130
Xylene (m,p)	20	22	110	4	25	70-130
Xylene (o)	10	11	110	9	25	70-130
Styrene	10	12	120	0	25	70-130
Bromoform	10	12	120	8	25	70-130
1,1,2,2-Tetrachloroetha	10	11	110	0	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 35 outside limits
Spike Recovery: 0 out of 70 outside limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA032309LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chloromethane	10		9.1	91	70-130
Vinyl Chloride	10		9.7	97	70-130
Bromomethane	10		11	110	70-130
Chloroethane	10		10	100	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		11	110	70-130
Carbon Disulfide	10		11	110	70-130
Methylene Chloride	10		10	100	70-130
trans-1,2-Dichloroethen	10		10	100	70-130
1,1-Dichloroethane	10		11	110	70-130
Methyl Ethyl Ketone	10		11	110	70-130
cis-1,2-Dichloroethene	10		11	110	70-130
Chloroform	10		11	110	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Carbon Tetrachloride	10		12	120	70-130
Benzene	10		10	100	70-130
1,2-Dichloroethane	10		11	110	70-130
Trichloroethene	10		11	110	70-130
1,2-Dichloropropane	10		10	100	70-130
Bromodichloromethane	10		12	120	70-130
cis-1,3-Dichloropropene	10		11	110	70-130
Methyl Isobutyl Ketone	10		9.9	99	70-130
Toluene	10		11	110	70-130
trans-1,3-Dichloroprope	10		11	110	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		11	110	70-130
Methyl Butyl Ketone	10		9.8	98	70-130
Dibromochloromethane	10		12	120	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA032309LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		11	110	70-130
Ethylbenzene	10		11	110	70-130
Xylene (m,p)	20		22	110	70-130
Xylene (o)	10		11	110	70-130
Styrene	10		12	120	70-130
Bromoform	10		13	130	70-130
1,1,2,2-Tetrachloroetha	10		11	110	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA032309LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloromethane	10	9.0	90	1	25	70-130
Vinyl Chloride	10	9.5	95	2	25	70-130
Bromomethane	10	11	110	0	25	70-130
Chloroethane	10	9.8	98	2	25	70-130
1,1-Dichloroethene	10	12	120	0	25	70-130
Acetone	10	9.4	94	16	25	70-130
Carbon Disulfide	10	11	110	0	25	70-130
Methylene Chloride	10	9.8	98	2	25	70-130
trans-1,2-Dichloroethen	10	10	100	0	25	70-130
1,1-Dichloroethane	10	10	100	10	25	70-130
Methyl Ethyl Ketone	10	9.2	92	18	25	70-130
cis-1,2-Dichloroethene	10	11	110	0	25	70-130
Chloroform	10	11	110	0	25	70-130
1,1,1-Trichloroethane	10	12	120	9	25	70-130
Carbon Tetrachloride	10	13	130	8	25	70-130
Benzene	10	11	110	10	25	70-130
1,2-Dichloroethane	10	12	120	9	25	70-130
Trichloroethene	10	12	120	9	25	70-130
1,2-Dichloropropane	10	11	110	10	25	70-130
Bromodichloromethane	10	12	120	0	25	70-130
cis-1,3-Dichloropropene	10	11	110	0	25	70-130
Methyl Isobutyl Ketone	10	10	100	1	25	70-130
Toluene	10	11	110	0	25	70-130
trans-1,3-Dichloroprope	10	11	110	0	25	70-130
1,1,2-Trichloroethane	10	11	110	10	25	70-130
Tetrachloroethene	10	12	120	9	25	70-130
Methyl Butyl Ketone	10	11	110	12	25	70-130
Dibromochloromethane	10	13	130	8	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: GA032309LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10	11	110	0	25	70-130
Ethylbenzene	10	11	110	0	25	70-130
Xylene (m,p)	20	22	110	0	25	70-130
Xylene (o)	10	11	110	0	25	70-130
Styrene	10	12	120	0	25	70-130
Bromoform	10	13	130	0	25	70-130
1,1,2,2-Tetrachloroetha	10	11	110	0	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 35 outside limits
Spike Recovery: 0 out of 70 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK031209GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID: GDHB01U Lab Sample ID: MBLK031209GA

Date Analyzed: 03/12/09 Time Analyzed: 1129

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GA031209LCS	GA031209LCS	GDH10UQ	0952
02	GA031209LCSD	GA031209LCSD	GDH10UQD	1041
03	VP-31V4N	787837	787837	1229
04	VP-24V4N	787831	787831D	2032
05	VP-26V5.5N	787832	787832D	2120
06	VP-28V3.5N	787835	787835D	2257
07	VP-32V2N	787838	787838D	2345
08	VP-39V9.5N	787842	787842D	0033
09	VP-35V6.5N	787844	787844D	0121
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COMMENTS:

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FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK031309GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID: GDHB01V Lab Sample ID: MBLK031309GA

Date Analyzed: 03/13/09 Time Analyzed: 1150

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GA031309LCS	GA031309LCS	GDH10VQ	1013
02	GA031309LCSD	GA031309LCSD	GDH10VQD	1102
03	VP-20V1.5N	787826	787826D2	1326
04	VP-21V3N	787827	787827D2	1414
05	VP-30V5N	787833	787833D2	1503
06	VP-22V3N	787829	787829D	1554
07	VP-25V6N	787830	787830D	1643
08	VP-27V5N	787834	787834D	1732
09	VP-29V1.5N	787836	787836D	1820
10	VP-37V11.5N	787840	787840D	1909
11	VP-36V7N	787845	787845D	2133
12	VP-23V3.5N	787828	787828D	2222
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COMMENTS:

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FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK031409GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID: GDHB01W Lab Sample ID: MBLK031409GA

Date Analyzed: 03/14/09 Time Analyzed: 1002

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GA031409LCS	GA031409LCS	GDH10WQ	0825
02	GA031409LCSD	GA031409LCSD	GDH10WQD	0914
03	VP-38V11.5N	787841	787841D2	1110
04	VP-33V3N	787843	787843D2	1158
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COMMENTS:

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FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK032309GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID: GDHB01AD Lab Sample ID: MBLK032309GA

Date Analyzed: 03/23/09 Time Analyzed: 1230

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GA032309LCS	GA032309LCS	GDH1ADQ	1002
02	GA032309LCSD	GA032309LCSD	GDH1ADQD	1142
03	VP-34V2N	787839	787839D	0531
04				
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COMMENTS:

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FORM IV VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID: GDH01PV BFB Injection Date: 02/16/09

Instrument ID: G BFB Injection Time: 1709

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.2
75	30.0 - 66.0% of mass 95	46.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	101.6
175	4.0 - 9.0% of mass 174	7.0 (6.9)1
176	93.0 - 101.0% of mass 174	99.2 (97.6)1
177	5.0 - 9.0% of mass 176	6.4 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	GDH002V	02/16/09	1901
02	ASTD0.5	ASTD0.5	GDH005V	02/16/09	1949
03	ASTD005	ASTD005	GDH05V	02/16/09	2037
04	ASTD010	ASTD010	GDH10V	02/16/09	2125
05	ASTD015	ASTD015	GDH15V	02/16/09	2213
06	ASTD040	ASTD040	GDH40V	02/16/09	2350
07	ASTD020	ASTD020	GDH20V2	02/17/09	0038
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FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID: GDH22PV BFB Injection Date: 03/12/09

Instrument ID: G BFB Injection Time: 0731

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.5
75	30.0 - 66.0% of mass 95	48.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	102.7
175	4.0 - 9.0% of mass 174	7.1 (6.9)1
176	93.0 - 101.0% of mass 174	99.7 (97.0)1
177	5.0 - 9.0% of mass 176	6.4 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	GDH10UV	03/12/09	0901
02	GA031209LCS	GA031209LCS	GDH10UQ	03/12/09	0952
03	GA031209LCSD	GA031209LCSD	GDH10UQD	03/12/09	1041
04	MBLK031209GA	MBLK031209GA	GDHB01U	03/12/09	1129
05	VP-31V4N	787837	787837	03/12/09	1229
06	VP-24V4N	787831	787831D	03/12/09	2032
07	VP-26V5.5N	787832	787832D	03/12/09	2120
08	VP-28V3.5N	787835	787835D	03/12/09	2257
09	VP-32V2N	787838	787838D	03/12/09	2345
10	VP-39V9.5N	787842	787842D	03/13/09	0033
11	VP-35V6.5N	787844	787844D	03/13/09	0121
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FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID: GDH23PV BFB Injection Date: 03/13/09

Instrument ID: G BFB Injection Time: 0827

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.9
75	30.0 - 66.0% of mass 95	45.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.6 (0.5)1
174	50.0 - 120.0% of mass 95	108.6
175	4.0 - 9.0% of mass 174	7.3 (6.7)1
176	93.0 - 101.0% of mass 174	106.1 (97.7)1
177	5.0 - 9.0% of mass 176	6.8 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	GDH10VV	03/13/09	0920
02	GA031309LCS	GA031309LCS	GDH10VQ	03/13/09	1013
03	GA031309LCSD	GA031309LCSD	GDH10VQD	03/13/09	1102
04	MBLK031309GA	MBLK031309GA	GDHB01V	03/13/09	1150
05	VP-20V1.5N	787826	787826D2	03/13/09	1326
06	VP-21V3N	787827	787827D2	03/13/09	1414
07	VP-30V5N	787833	787833D2	03/13/09	1503
08	VP-22V3N	787829	787829D	03/13/09	1554
09	VP-25V6N	787830	787830D	03/13/09	1643
10	VP-27V5N	787834	787834D	03/13/09	1732
11	VP-29V1.5N	787836	787836D	03/13/09	1820
12	VP-37V11.5N	787840	787840D	03/13/09	1909
13	VP-36V7N	787845	787845D	03/13/09	2133
14	VP-23V3.5N	787828	787828D	03/13/09	2222
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FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID: GDH24PV BFB Injection Date: 03/14/09

Instrument ID: G BFB Injection Time: 0640

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.7
75	30.0 - 66.0% of mass 95	46.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	104.4
175	4.0 - 9.0% of mass 174	7.4 (7.1)1
176	93.0 - 101.0% of mass 174	101.7 (97.4)1
177	5.0 - 9.0% of mass 176	6.6 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	GDH10WV	03/14/09	0730
02	GA031409LCS	GA031409LCS	GDH10WQ	03/14/09	0825
03	GA031409LCSD	GA031409LCSD	GDH10WQD	03/14/09	0914
04	MBLK031409GA	MBLK031409GA	GDHB01W	03/14/09	1002
05	VP-38V11.5N	787841	787841D2	03/14/09	1110
06	VP-33V3N	787843	787843D2	03/14/09	1158
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FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID: GDH31PV BFB Injection Date: 03/23/09

Instrument ID: G BFB Injection Time: 0823

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.8
75	30.0 - 66.0% of mass 95	46.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (0.5)1
174	50.0 - 120.0% of mass 95	106.7
175	4.0 - 9.0% of mass 174	7.5 (7.0)1
176	93.0 - 101.0% of mass 174	105.5 (98.8)1
177	5.0 - 9.0% of mass 176	6.7 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	GDH1ADV	03/23/09	0914
02	GA032309LCS	GA032309LCS	GDH1ADQ	03/23/09	1002
03	GA032309LCSD	GA032309LCSD	GDH1ADQD	03/23/09	1142
04	MBLK032309GA	MBLK032309GA	GDHB01AD	03/23/09	1230
05	VP-34V2N	787839	787839D	03/24/09	0531
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FORM V VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID (Standard): GDH10UV Date Analyzed: 03/12/09

Instrument ID: G Time Analyzed: 0901

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	315579	9.88	1393369	11.26	1363211	15.33
	UPPER LIMIT	441811	10.21	1950717	11.59	1908495	15.66
	LOWER LIMIT	189347	9.55	836021	10.93	817927	15.00
	CLIENT SAMPLE NO.						
01	GA031209LCS	325457	9.88	1493473	11.26	1445767	15.33
02	GA031209LCSD	334754	9.88	1475503	11.26	1463626	15.33
03	MBLK031209GA	294319	9.88	1480563	11.26	1257570	15.33
04	VP-31V4N	325348	9.87	1465576	11.25	1381414	15.33
05	VP-24V4N	313407	9.88	1443178	11.26	1488367	15.33
06	VP-26V5.5N	332698	9.88	1357426	11.26	1236028	15.32
07	VP-28V3.5N	297263	9.87	1455215	11.26	1295010	15.32
08	VP-32V2N	333935	9.87	1592316	11.26	1629114	15.33
09	VP-39V9.5N	303608	9.87	1368413	11.26	1337037	15.33
10	VP-35V6.5N	333714	9.87	1587765	11.25	1421220	15.33
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID (Standard): GDH10VV Date Analyzed: 03/13/09

Instrument ID: G Time Analyzed: 0920

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	364221	9.87	1675534	11.26	1612435	15.33
	UPPER LIMIT	509909	10.20	2345748	11.59	2257409	15.66
	LOWER LIMIT	218533	9.54	1005320	10.93	967461	15.00
	CLIENT SAMPLE NO.						
01	GA031309LCS	359032	9.88	1653011	11.26	1585651	15.33
02	GA031309LCSD	360817	9.88	1606804	11.26	1553877	15.33
03	MBLK031309GA	306585	9.87	1547866	11.25	1327039	15.32
04	VP-20V1.5N	317237	9.87	1315560	11.25	1315373	15.32
05	VP-21V3N	314149	9.87	1447205	11.26	1394085	15.33
06	VP-30V5N	290461	9.87	1377601	11.25	1282246	15.33
07	VP-22V3N	278951	9.87	1395192	11.25	1271754	15.33
08	VP-25V6N	292398	9.87	1506937	11.25	1457180	15.33
09	VP-27V5N	319882	9.87	1645291	11.25	1463013	15.32
10	VP-29V1.5N	315256	9.87	1625563	11.25	1470237	15.33
11	VP-37V11.5N	319269	9.87	1654062	11.25	1587044	15.33
12	VP-36V7N	329304	9.87	1741121	11.25	1637830	15.32
13	VP-23V3.5N	335182	9.87	1738220	11.25	1588674	15.32
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID (Standard): GDH10WV Date Analyzed: 03/14/09

Instrument ID: G Time Analyzed: 0730

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	339916	9.87	1461065	11.25	1417343	15.32
	UPPER LIMIT	475882	10.20	2045491	11.58	1984280	15.65
	LOWER LIMIT	203950	9.54	876639	10.92	850406	14.99
	CLIENT SAMPLE NO.						
01	GA031409LCS	333467	9.87	1454800	11.25	1431937	15.32
02	GA031409LCSD	349087	9.87	1586620	11.26	1529347	15.32
03	MBLK031409GA	287068	9.87	1462218	11.25	1230482	15.32
04	VP-38V11.5N	288416	9.86	1462493	11.25	1441760	15.32
05	VP-33V3N	302963	9.87	1610104	11.25	1412640	15.32
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID (Standard): GDH1ADV Date Analyzed: 03/23/09

Instrument ID: G Time Analyzed: 0914

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	331013	9.86	1432920	11.24	1374952	15.32
	UPPER LIMIT	463418	10.19	2006088	11.57	1924933	15.65
	LOWER LIMIT	198608	9.53	859752	10.91	824971	14.99
	CLIENT SAMPLE NO.						
01	GA032309LCS	329042	9.86	1455133	11.24	1443248	15.32
02	GA032309LCSD	336429	9.86	1321638	11.25	1297426	15.32
03	MBLK032309GA	298314	9.86	1489127	11.24	1294069	15.32
04	VP-34V2N	315368	9.86	1339945	11.24	1245279	15.31
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22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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FORM VIII VOA

Supportive Documentation – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-20V1.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787826

Sample wt/vol: 33.00 (g/mL) ML Lab File ID: 787826D2

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 7.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	3.9	U
75-01-4	Vinyl Chloride	1.6	U
74-83-9	Bromomethane	1.6	U
75-00-3	Chloroethane	3.9	U
75-35-4	1,1-Dichloroethene	1.6	U
67-64-1	Acetone	39	U
75-15-0	Carbon Disulfide	8.5	
75-09-2	Methylene Chloride	3.9	U
156-60-5	trans-1,2-Dichloroethene	1.6	U
75-34-3	1,1-Dichloroethane	12	
78-93-3	Methyl Ethyl Ketone	3.9	U
156-59-2	cis-1,2-Dichloroethene	1.6	U
67-66-3	Chloroform	2.7	
71-55-6	1,1,1-Trichloroethane	210	
56-23-5	Carbon Tetrachloride	1.6	U
71-43-2	Benzene	1.6	U
107-06-2	1,2-Dichloroethane	1.6	U
79-01-6	Trichloroethene	1.6	U
78-87-5	1,2-Dichloropropane	1.6	U
75-27-4	Bromodichloromethane	1.6	U
10061-01-5	cis-1,3-Dichloropropene	1.6	U
108-10-1	Methyl Isobutyl Ketone	3.9	U
108-88-3	Toluene	4.7	
10061-02-6	trans-1,3-Dichloropropene	1.6	U
79-00-5	1,1,2-Trichloroethane	1.6	U
127-18-4	Tetrachloroethene	1.6	U
591-78-6	Methyl Butyl Ketone	3.9	U
124-48-1	Dibromochloromethane	1.6	U
108-90-7	Chlorobenzene	1.6	U
100-41-4	Ethylbenzene	1.6	U
1330-20-7	Xylene (m,p)	3.9	U
95-47-6	Xylene (o)	1.6	U
100-42-5	Styrene	1.6	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-20V1.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787826

Sample wt/vol: 33.00 (g/mL) ML Lab File ID: 787826D2

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 7.8

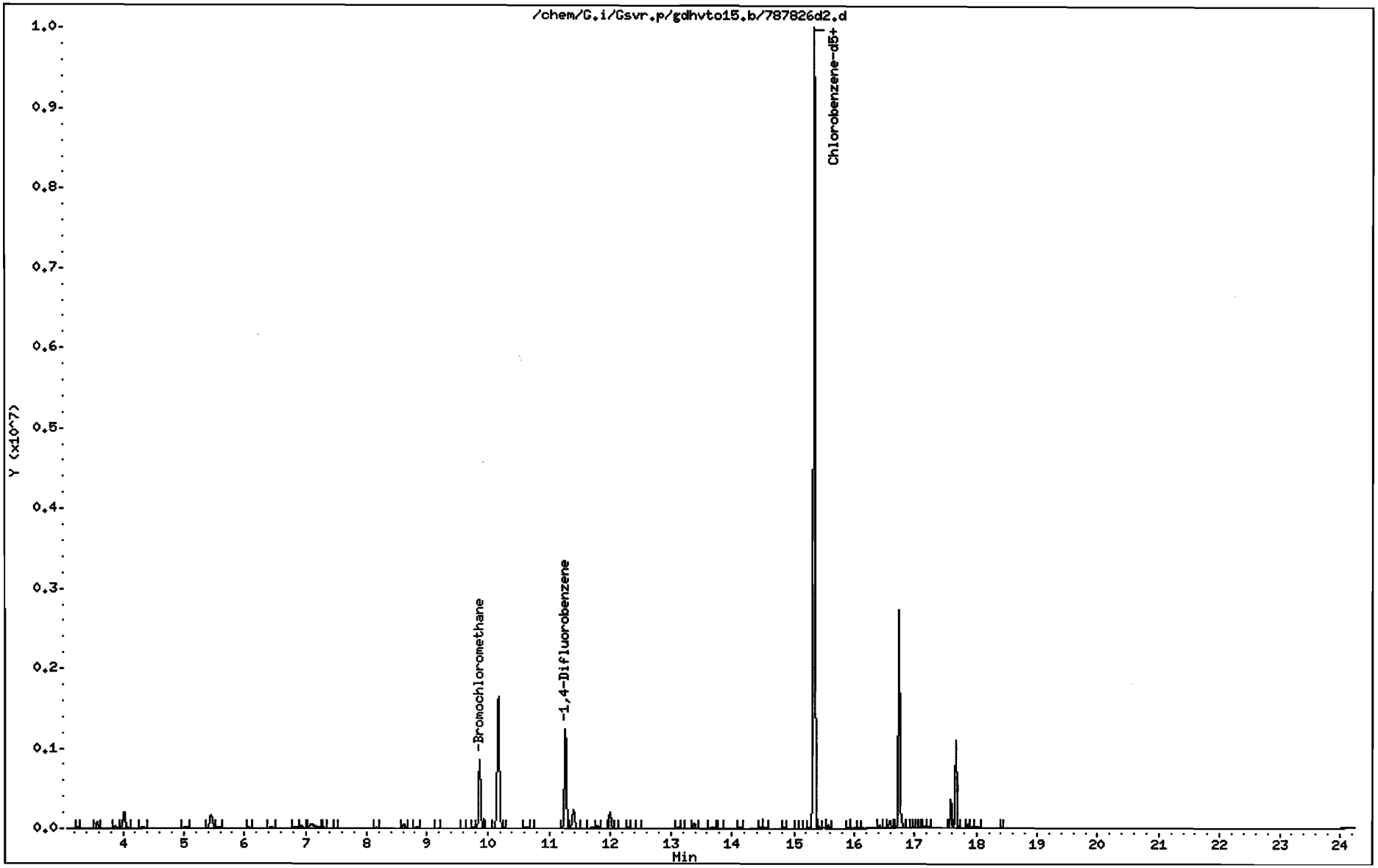
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787826d2.d
Date : 13-MAR-2009 13:26
Client ID: VP-20V1.5N
Sample Info: 20090226VP-20V1.5N :[J02/26/09 @1359(AIR)
Purge Volume: 33.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/787826d2.d
Lab Smp Id: 787826 Client Smp ID: VP-20V1.5N
Inj Date : 13-MAR-2009 13:26
Operator : njr Inst ID: G.i
Smp Info : 20090226VP-20V1.5N :[ ]02/26/09 @1359(AIR)
Misc Info : 787826;031209GA;7.76;33;cdf1.28
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 6
Dil Factor: 7.76000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	7.76000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	33.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	6.933	6.944	(0.702)	74668	1.10020	8.5
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	8.618	8.640	(0.873)	64870	1.49262	12
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	317237	10.0000	
34 Chloroform	83	9.940	9.961	(1.007)	19522	0.35108	2.7
35 1,1,1-Trichloroethane	97	10.175	10.197	(0.904)	1579834	27.1880	210
37 Carbon Tetrachloride	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	39 Benzene	78	Compound Not Detected.					
	41 1,2-Dichloroethane	62	Compound Not Detected.					
*	43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1315560	10.0000	
	45 Trichloroethene	95	Compound Not Detected.					
	47 1,2-Dichloropropane	63	Compound Not Detected.					
	50 Bromodichloromethane	83	Compound Not Detected.					
	51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	54 Toluene	92	13.385	13.412	(0.874)	28810	0.60406	4.7
	55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	56 1,1,2-Trichloroethane	83	Compound Not Detected.					
	57 Tetrachloroethene	166	Compound Not Detected.					
	58 Methyl Butyl Ketone	43	Compound Not Detected.					
	59 Dibromochloromethane	129	Compound Not Detected.					
*	61 Chlorobenzene-d5	117	15.321	15.348	(1.000)	1315373	10.0000	
	62 Chlorobenzene	112	Compound Not Detected.					
	63 Ethylbenzene	91	Compound Not Detected.					
	64 Xylene (m,p)	106	Compound Not Detected.					
	65 Xylene (o)	106	Compound Not Detected.					
	66 Styrene	104	Compound Not Detected.					
	67 Bromoform	173	Compound Not Detected.					
	69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787826d2.d

Date : 13-MAR-2009 13:26

Client ID: VP-20V1.5N

Instrument: G.i

Sample Info: 20090226VP-20V1.5N :[ ]02/26/09 @1359(AIR)

Purge Volume: 33.0

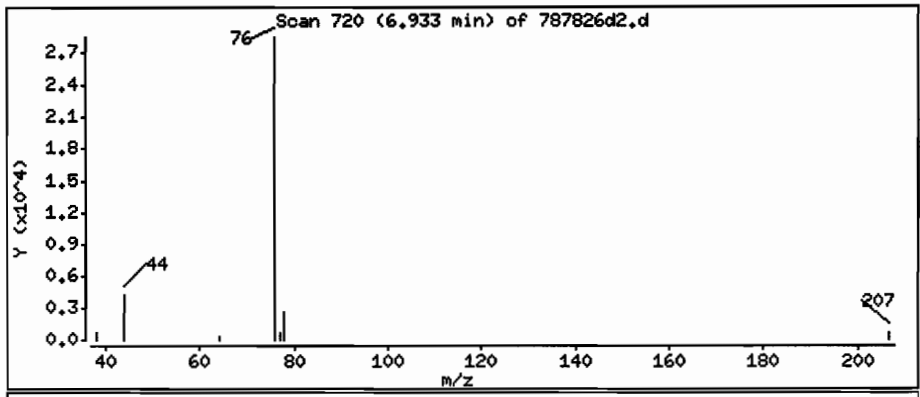
Operator: njr

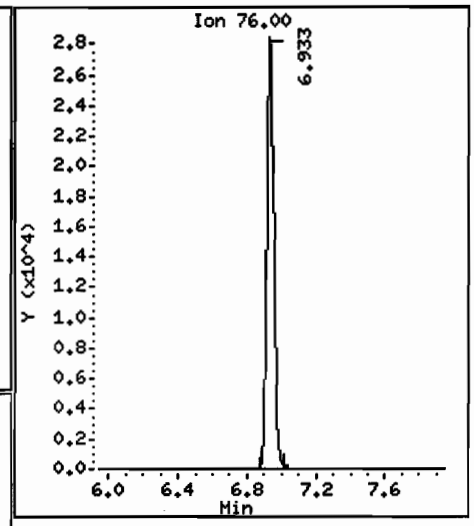
Column phase: RTX-624

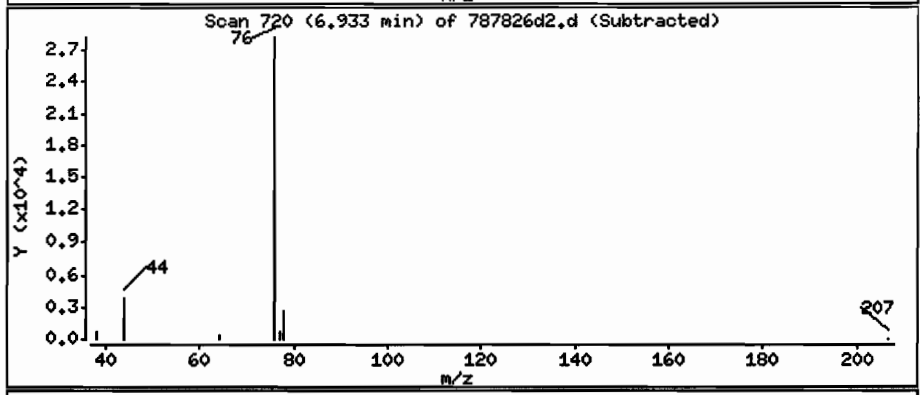
Column diameter: 0.32

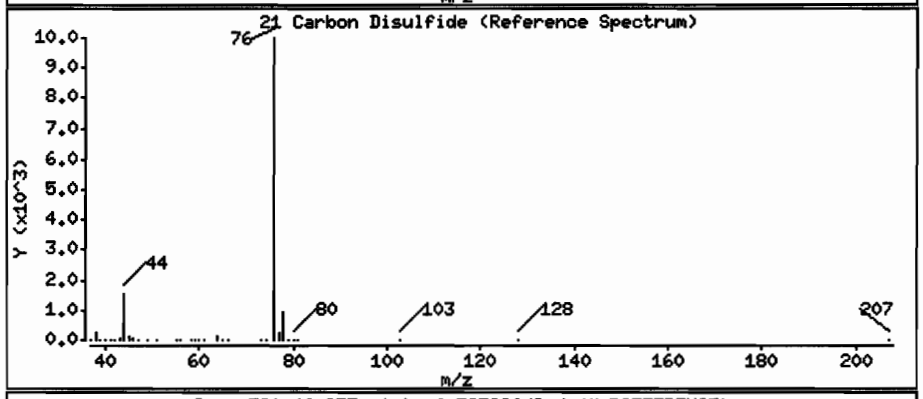
21 Carbon Disulfide

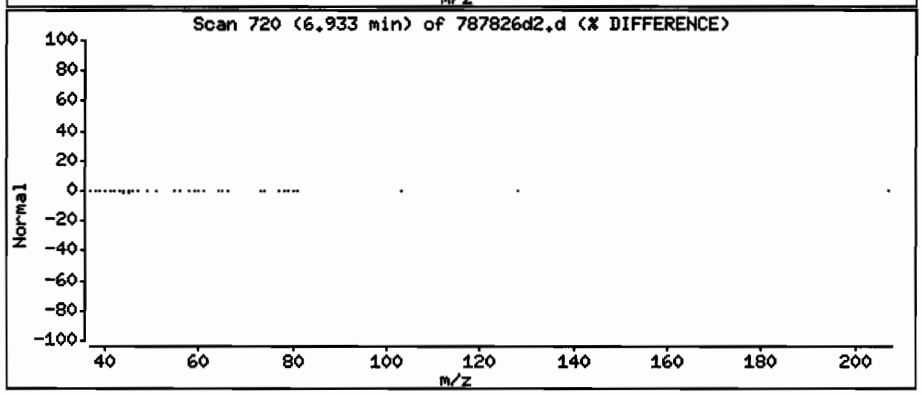
Concentration: 8.5 ppbv











Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787826d2.d

Date : 13-MAR-2009 13:26

Client ID: VP-20V1.5N

Instrument: G.i

Sample Info: 20090226VP-20V1.5N :[ ]02/26/09 @1359(AIR)

Purge Volume: 33.0

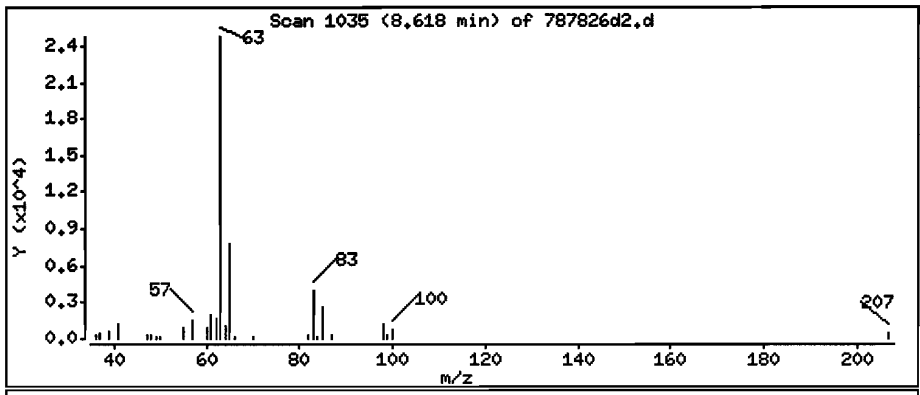
Operator: njr

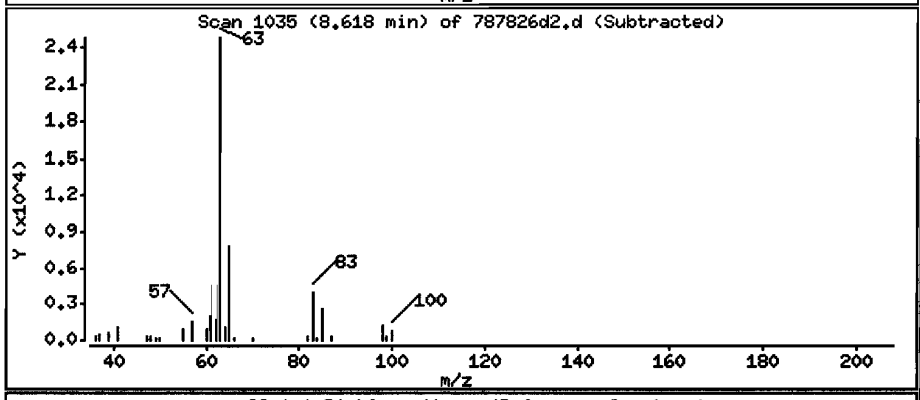
Column phase: RTX-624

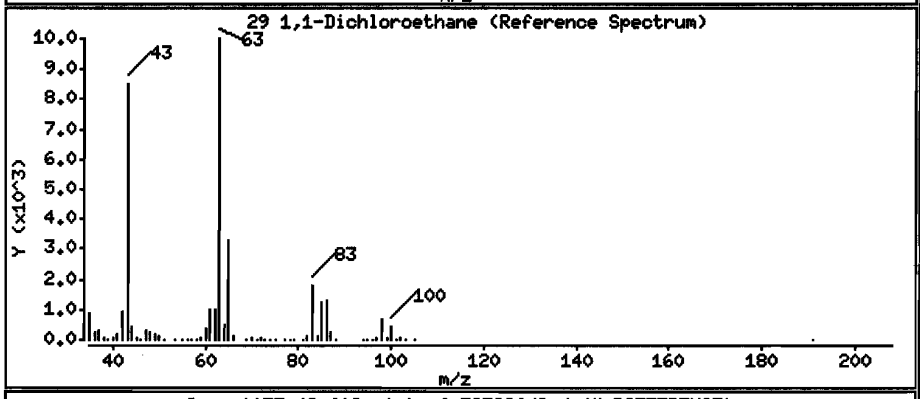
Column diameter: 0.32

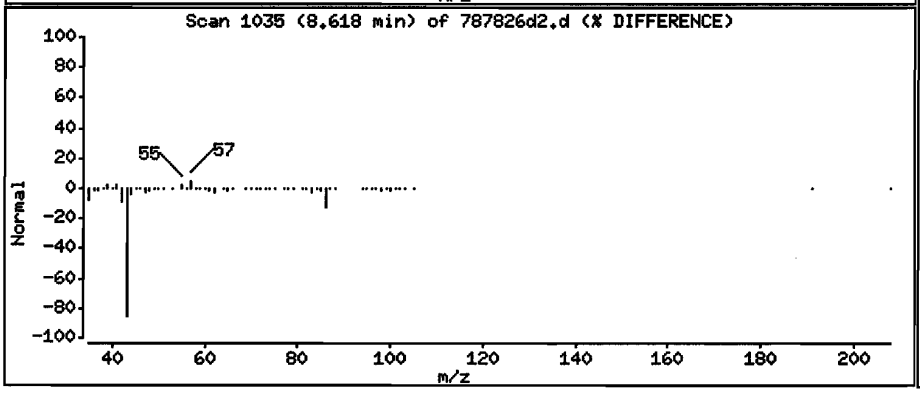
29 1,1-Dichloroethane

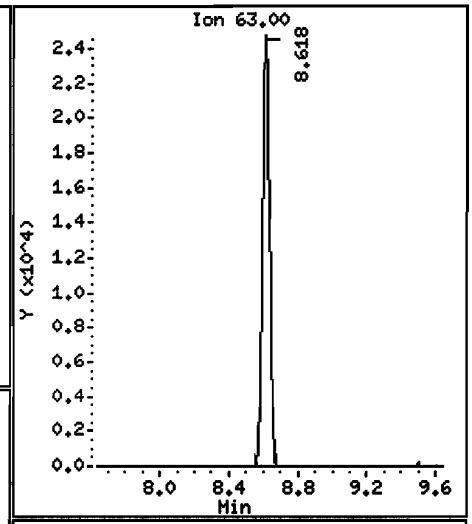
Concentration: 12 ppbv

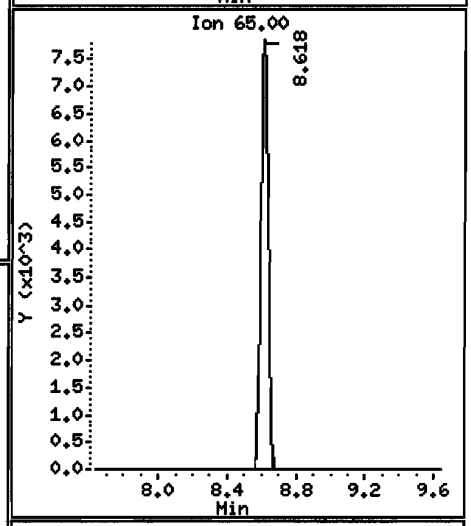


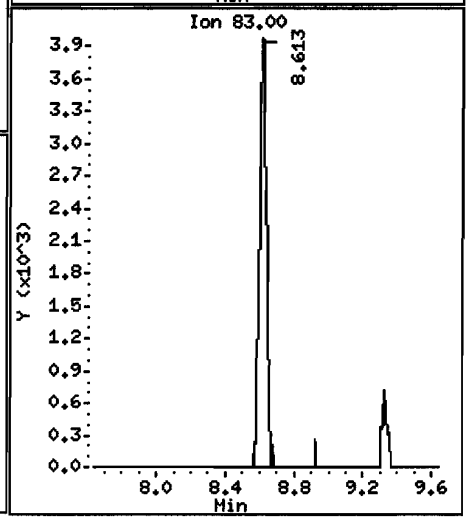












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787826d2.d

Date : 13-MAR-2009 13:26

Client ID: VP-20V1.5N

Instrument: G.i

Sample Info: 20090226VP-20V1.5N :[ ]02/26/09 @1359(AIR)

Purge Volume: 33.0

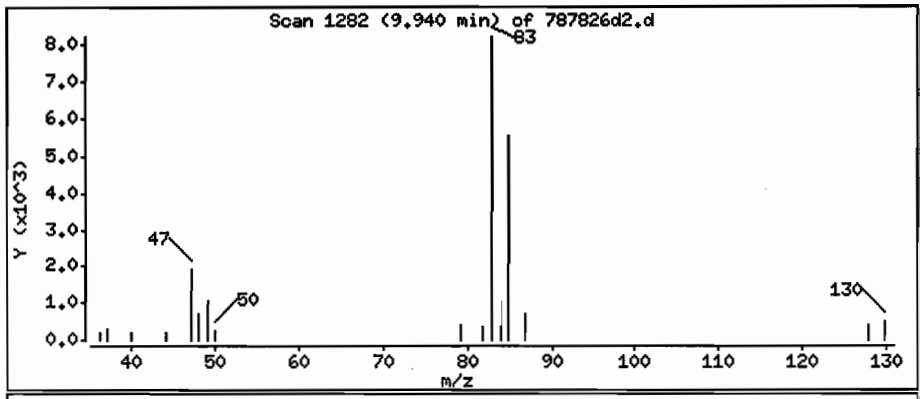
Operator: njr

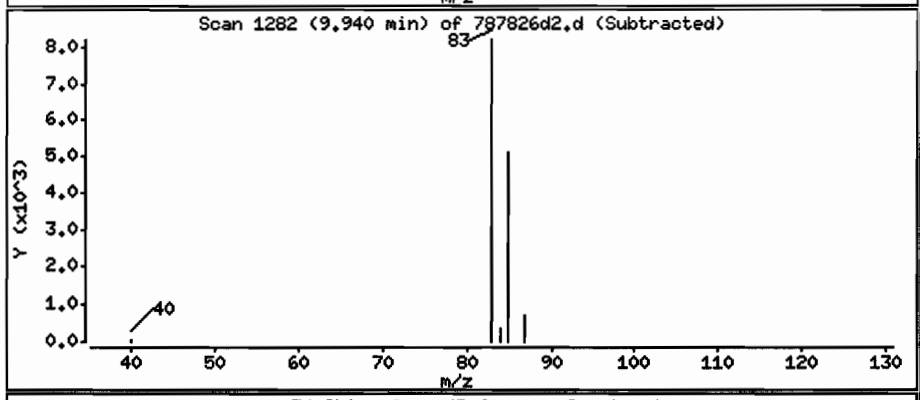
Column phase: RTX-624

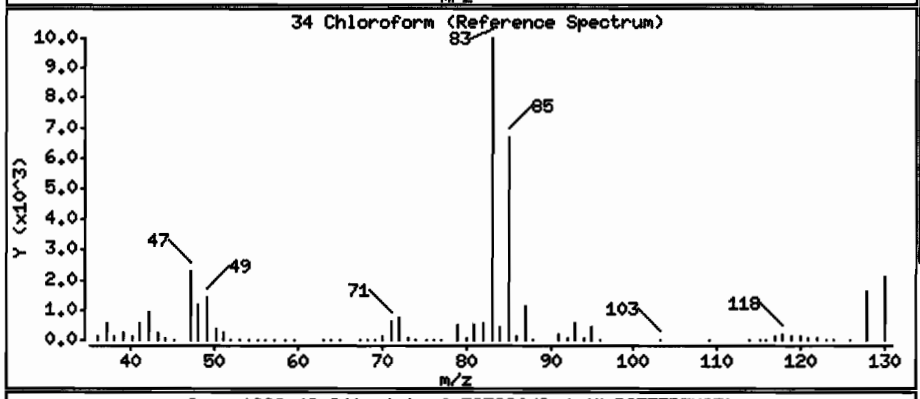
Column diameter: 0.32

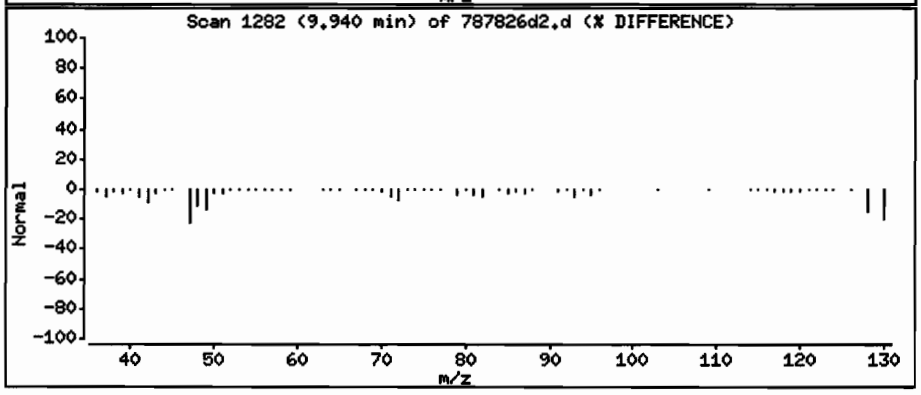
34 Chloroform

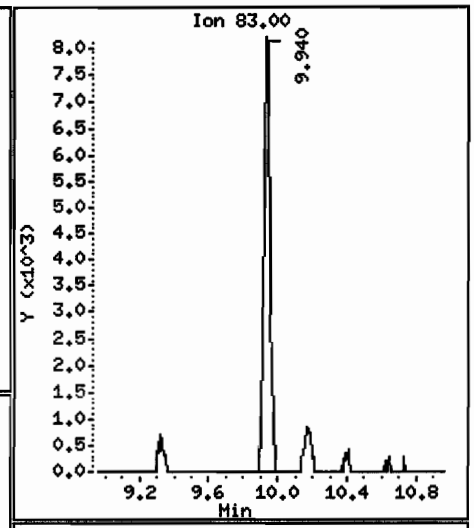
Concentration: 2.7 ppbv

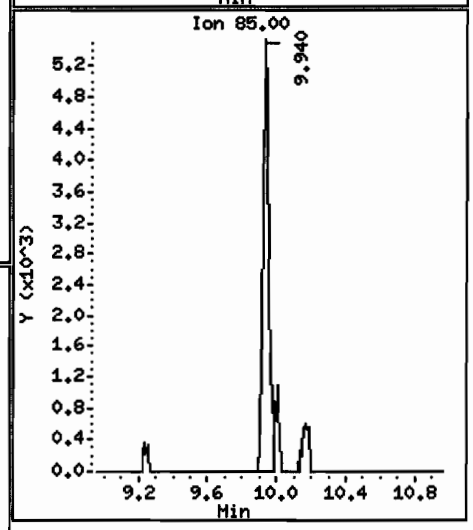












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787826d2.d

Date : 13-MAR-2009 13:26

Client ID: VP-20V1.5N

Instrument: G.i

Sample Info: 20090226VP-20V1.5N :[ ]02/26/09 @1359(AIR)

Purge Volume: 33.0

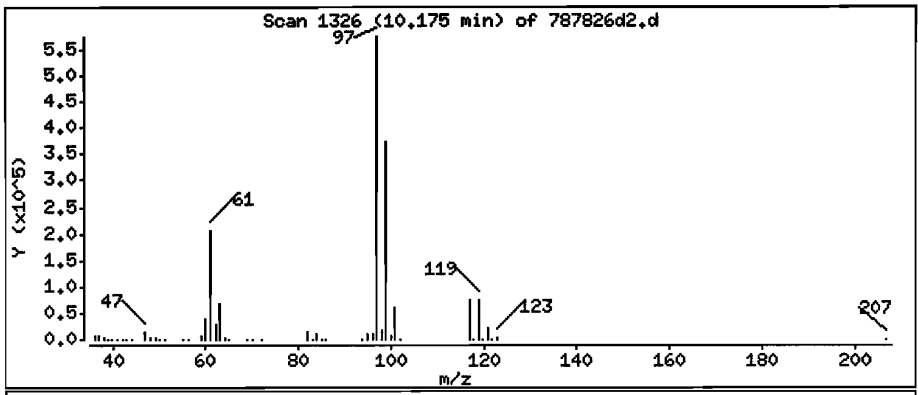
Operator: njr

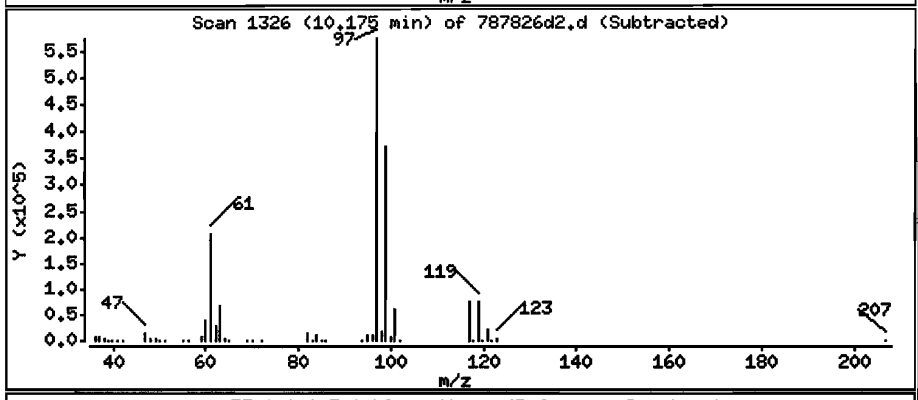
Column phase: RTX-624

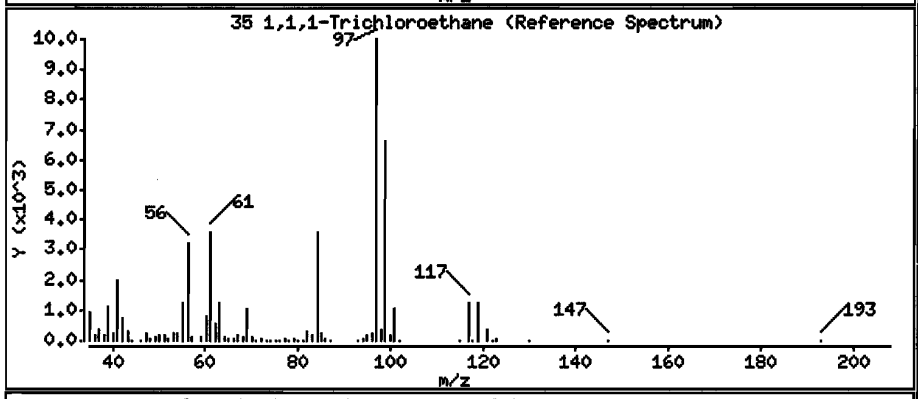
Column diameter: 0.32

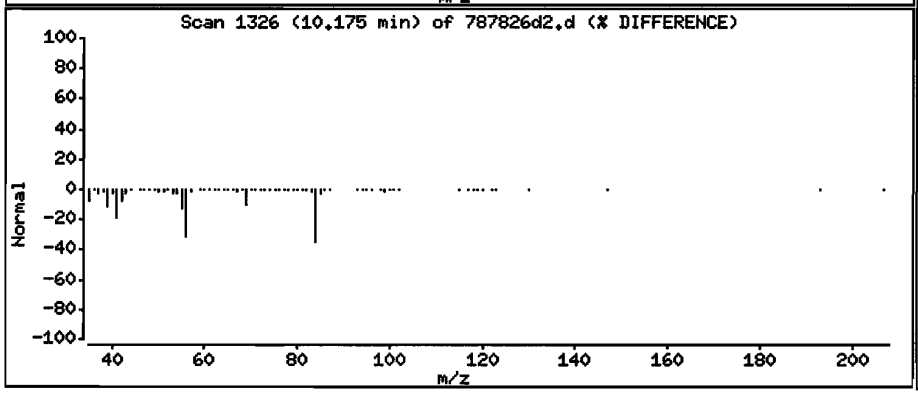
35 1,1,1-Trichloroethane

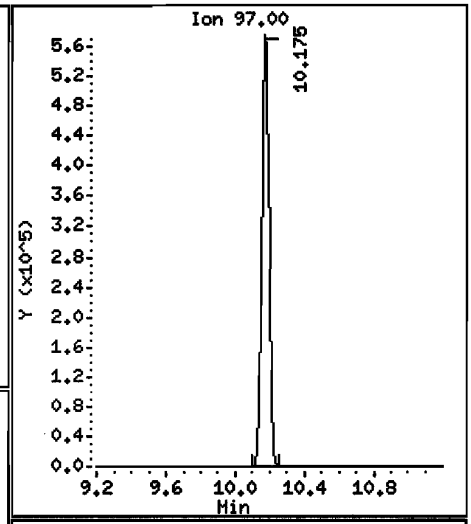
Concentration: 210 ppbv

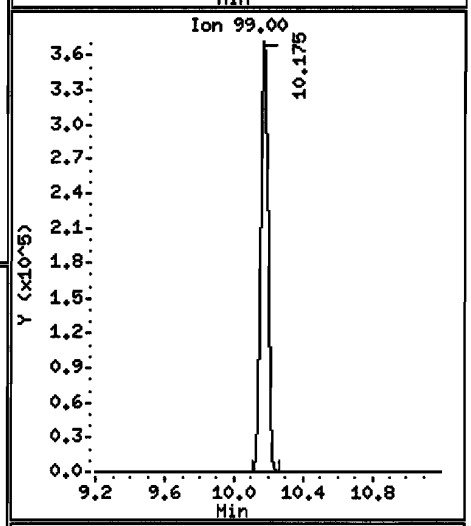


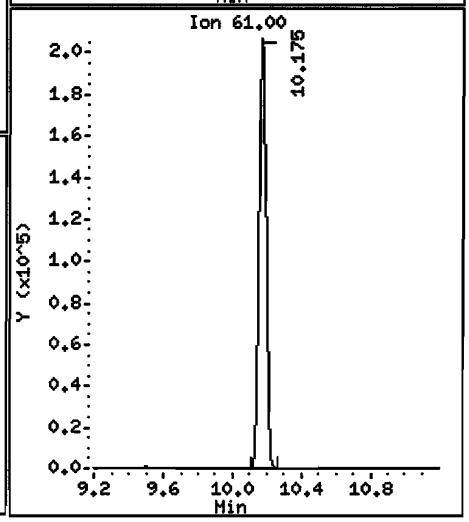












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787826d2.d

Date : 13-MAR-2009 13:26

Client ID: VP-20V1.5N

Instrument: G.i

Sample Info: 20090226VP-20V1.5N :[ ]02/26/09 @1359(AIR)

Purge Volume: 33.0

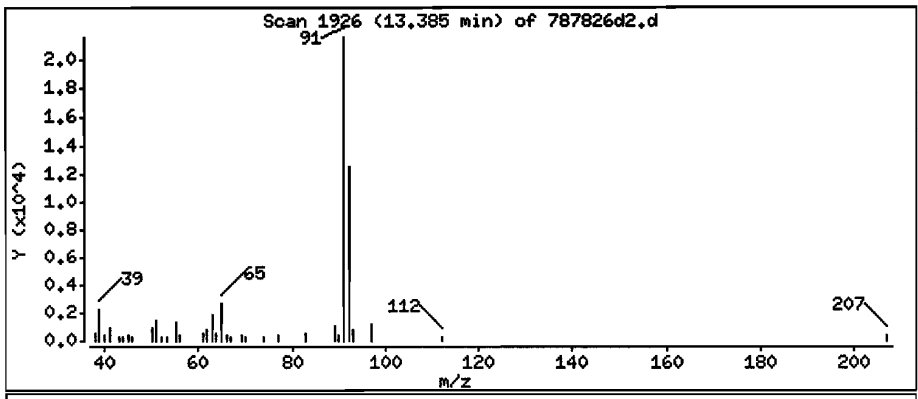
Operator: njr

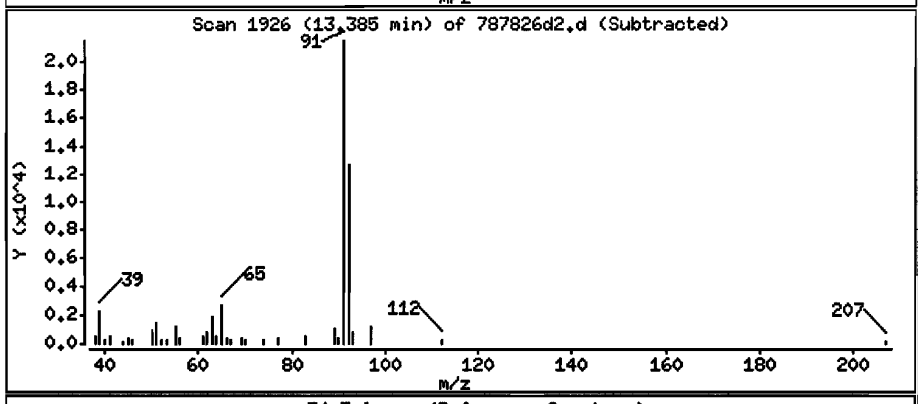
Column phase: RTX-624

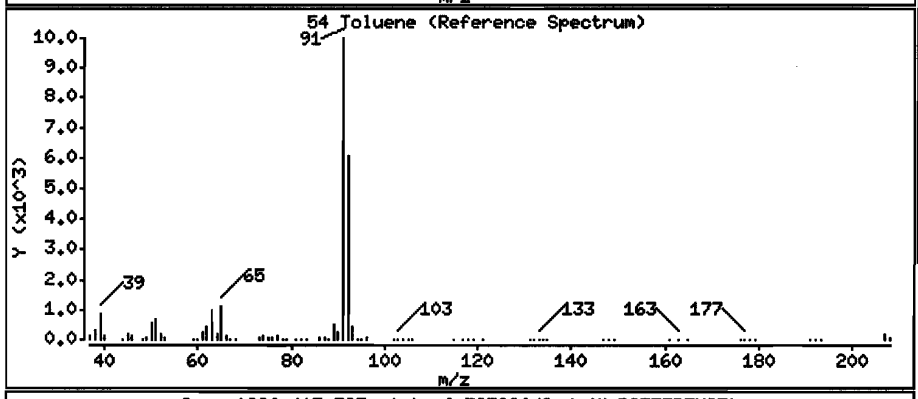
Column diameter: 0.32

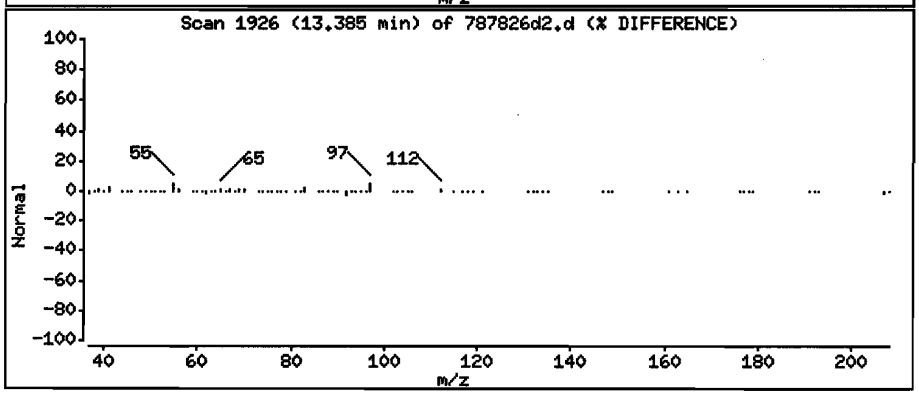
54 Toluene

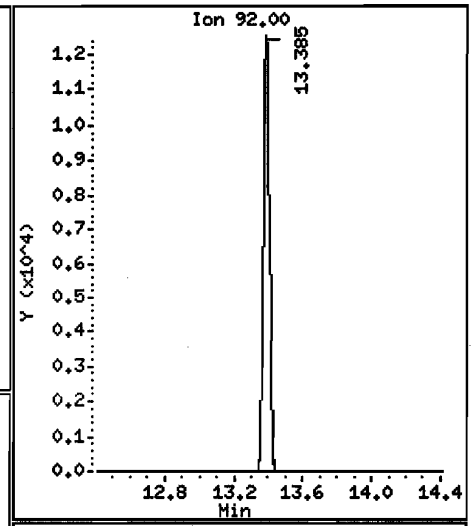
Concentration: 4.7 ppbv

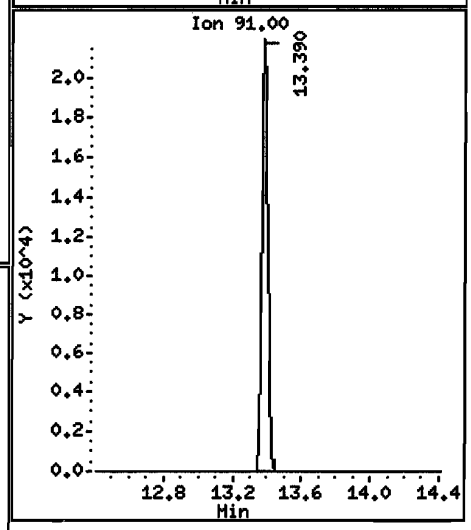












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-21V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787827

Sample wt/vol: 35.00 (g/mL) ML Lab File ID: 787827D2

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 7.7

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	3.9	U
75-01-4	Vinyl Chloride	3.1	
74-83-9	Bromomethane	1.5	U
75-00-3	Chloroethane	3.9	U
75-35-4	1,1-Dichloroethene	1.5	U
67-64-1	Acetone	46	
75-15-0	Carbon Disulfide	19	
75-09-2	Methylene Chloride	3.9	U
156-60-5	trans-1,2-Dichloroethene	3.4	
75-34-3	1,1-Dichloroethane	1.5	U
78-93-3	Methyl Ethyl Ketone	3.9	U
156-59-2	cis-1,2-Dichloroethene	12	
67-66-3	Chloroform	6.6	
71-55-6	1,1,1-Trichloroethane	1.5	U
56-23-5	Carbon Tetrachloride	1.5	U
71-43-2	Benzene	1.5	U
107-06-2	1,2-Dichloroethane	200	
79-01-6	Trichloroethene	2.8	
78-87-5	1,2-Dichloropropane	3.7	
75-27-4	Bromodichloromethane	1.5	U
10061-01-5	cis-1,3-Dichloropropene	1.5	U
108-10-1	Methyl Isobutyl Ketone	3.9	U
108-88-3	Toluene	4.3	
10061-02-6	trans-1,3-Dichloropropene	1.5	U
79-00-5	1,1,2-Trichloroethane	1.5	U
127-18-4	Tetrachloroethene	7.3	
591-78-6	Methyl Butyl Ketone	3.9	U
124-48-1	Dibromochloromethane	1.5	U
108-90-7	Chlorobenzene	1.5	U
100-41-4	Ethylbenzene	1.5	U
1330-20-7	Xylene (m,p)	3.9	U
95-47-6	Xylene (o)	1.5	U
100-42-5	Styrene	1.5	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-21V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787827

Sample wt/vol: 35.00 (g/mL) ML Lab File ID: 787827D2

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 7.7

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	1.5	U
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Sample Info: 20090227VP-21V3N :[J02/27/09 @0940(AIR)

Purge Volume: 35.0

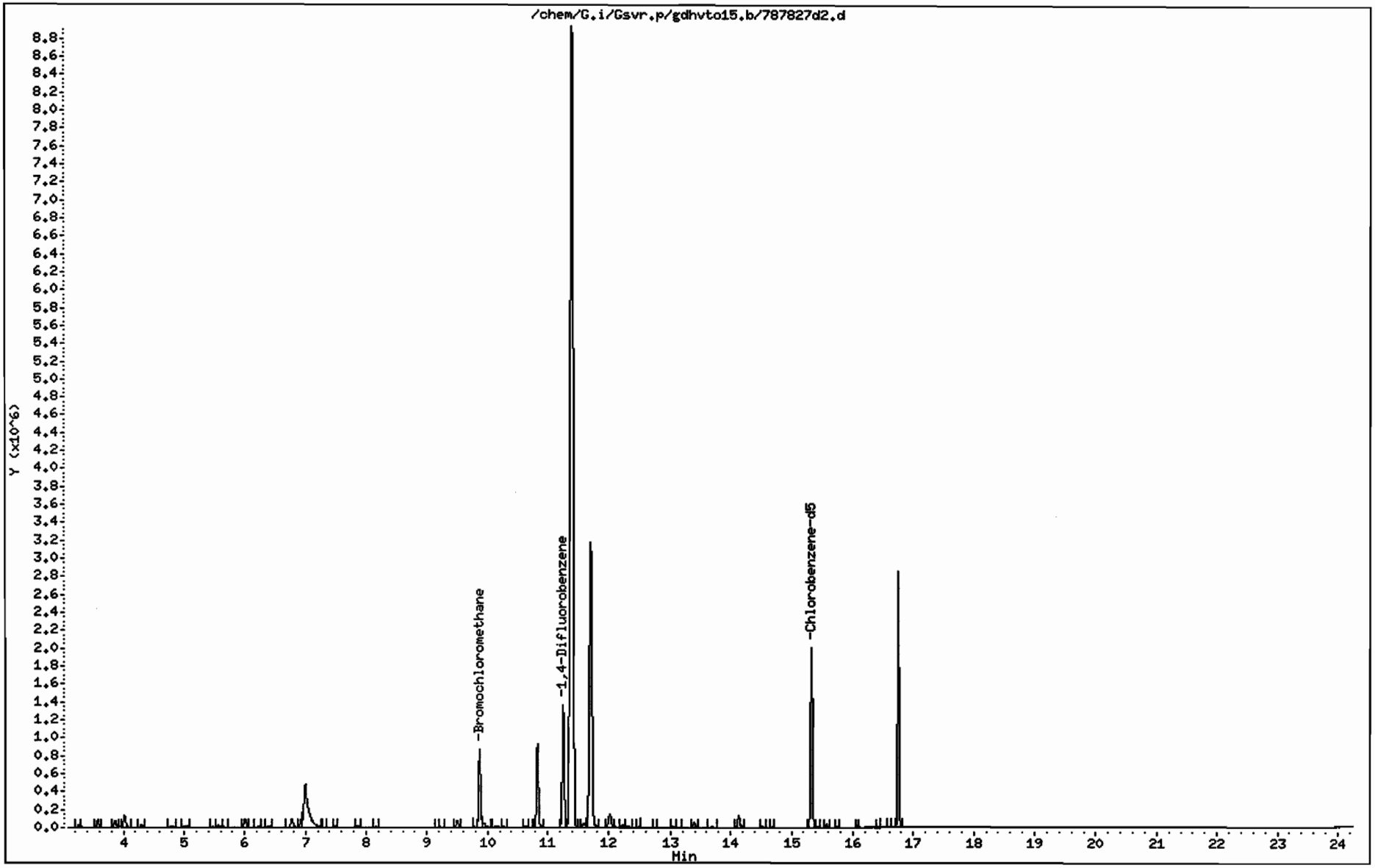
Column phase: RTX-624

Instrument: G.i

Operator: njr

Column diameter: 0.32

Page 3



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d
Lab Smp Id: 787827 Client Smp ID: VP-21V3N
Inj Date : 13-MAR-2009 14:14
Operator : njr Inst ID: G.i
Smp Info : 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)
Misc Info : 787827;031209GA;7.71;35;cdf1.35
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 7
Dil Factor: 7.71000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	7.71000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	35.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.943	3.943	(0.399)	8002	0.40560	3.1
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	6.773	6.789	(0.686)	159591	5.99475	46
21 Carbon Disulfide	76	6.933	6.944	(0.702)	165490	2.46239	19
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	7.864	7.880	(0.797)	15355	0.44037	3.4(M)
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	40296	1.61275	12
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	314149	10.0000	
34 Chloroform	83	9.945	9.961	(1.008)	46794	0.84981	6.6
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	10.833	10.860	(0.962)	968287	26.5439	200
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1447205	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.030)	13573	0.35882	2.8
47 1,2-Dichloropropane	63	11.999	12.021	(1.066)	12257	0.47666	3.7(Q)
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.390	13.412	(0.874)	27923	0.55241	4.3
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	14.134	14.155	(0.922)	53913	0.94489	7.3
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1394085	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	Compound Not Detected.					
65 Xylene (o)	106	Compound Not Detected.					
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

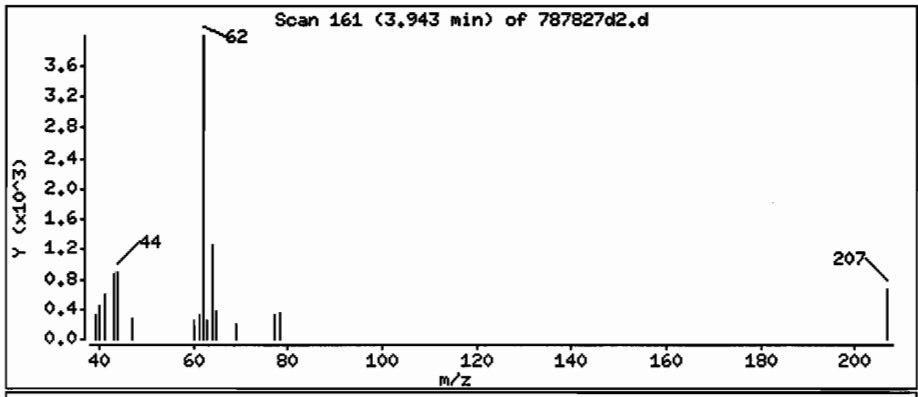
Operator: njr

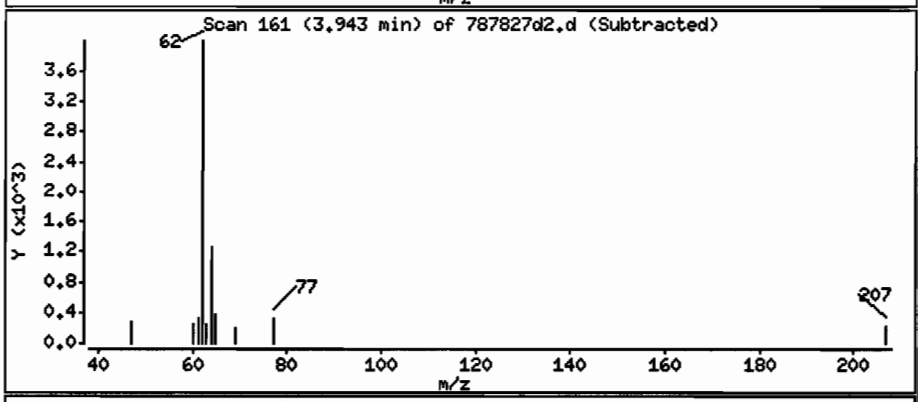
Column phase: RTX-624

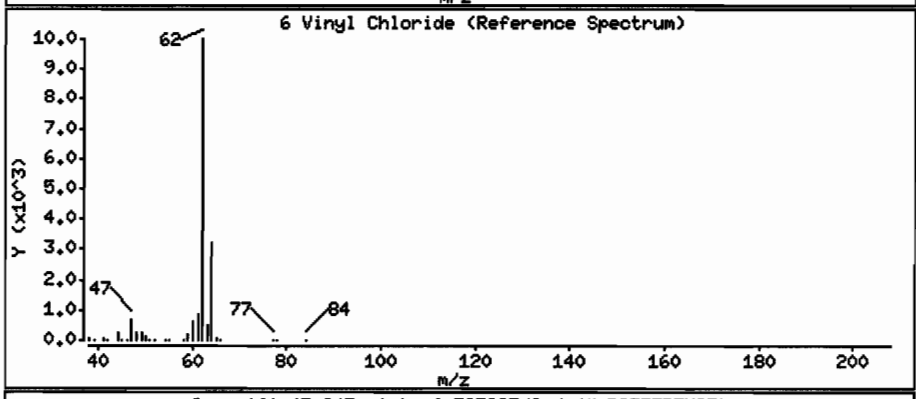
Column diameter: 0.32

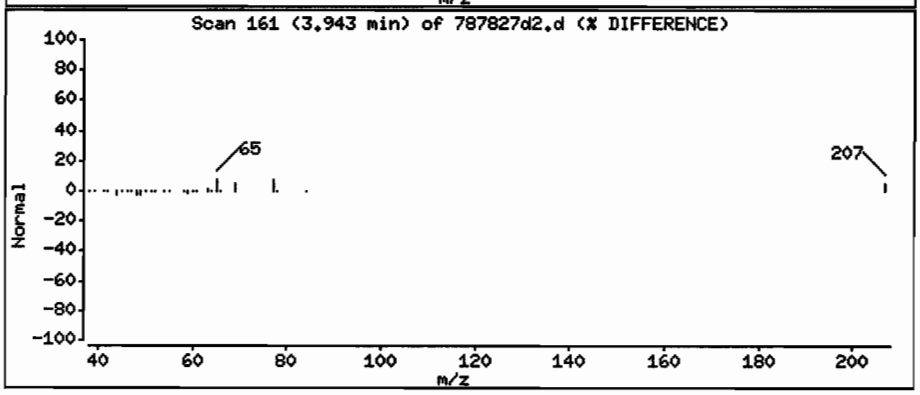
6 Vinyl Chloride

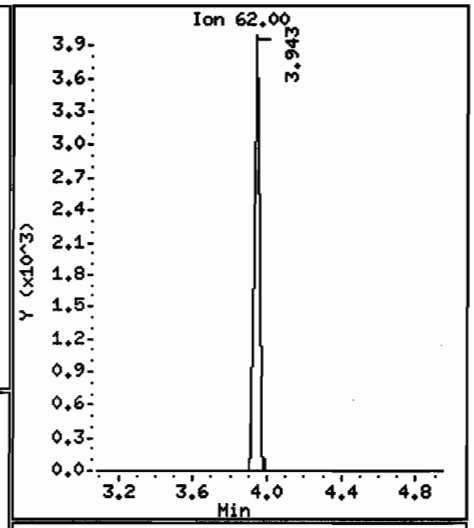
Concentration: 3.1 ppbv

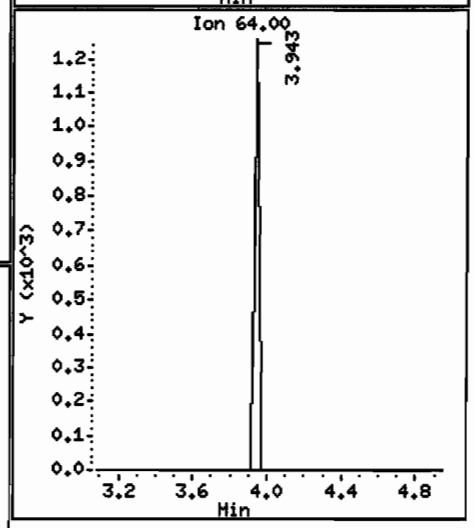












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

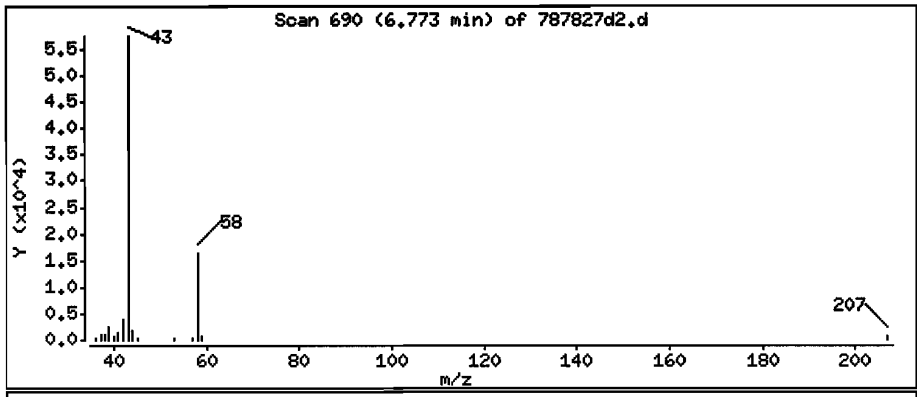
Operator: njr

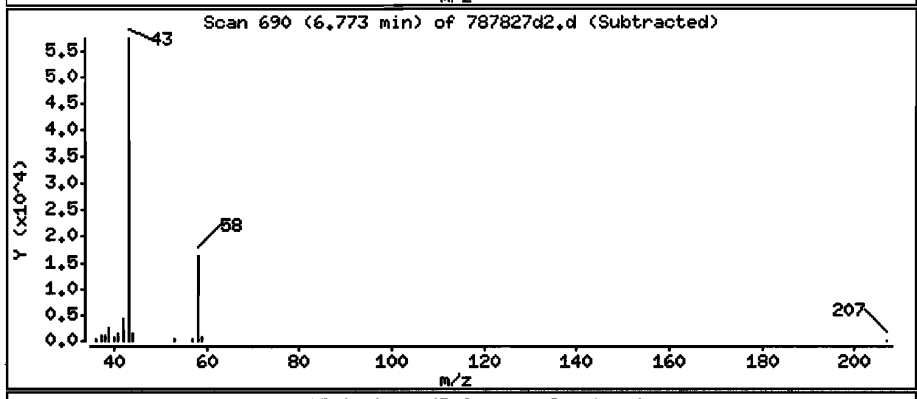
Column phase: RTX-624

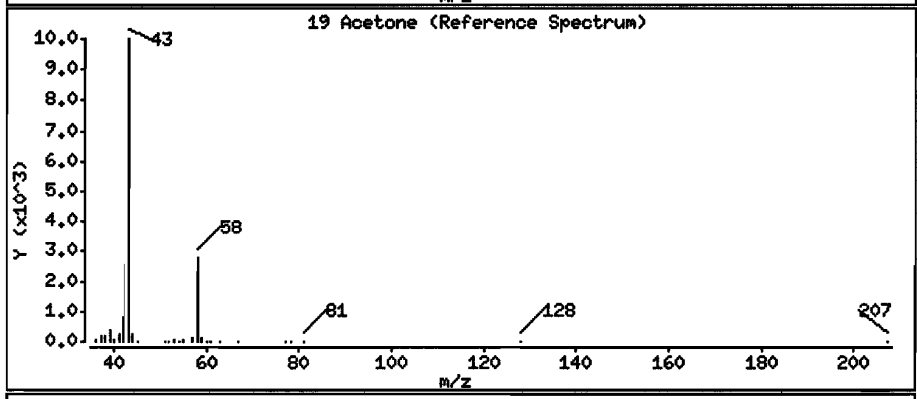
Column diameter: 0.32

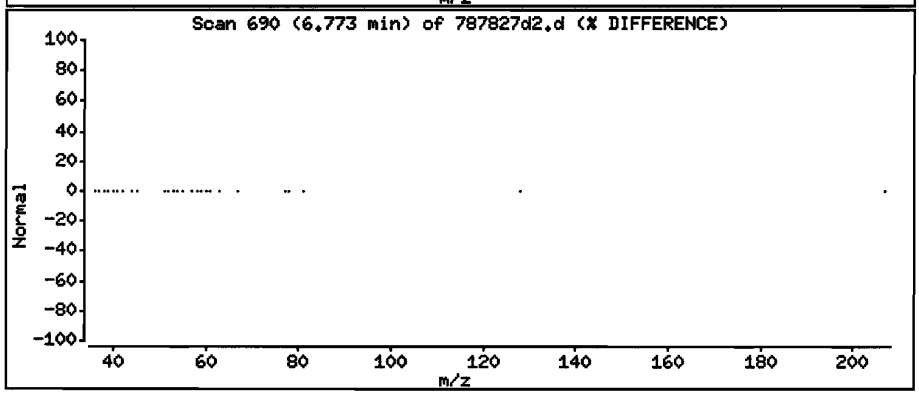
19 Acetone

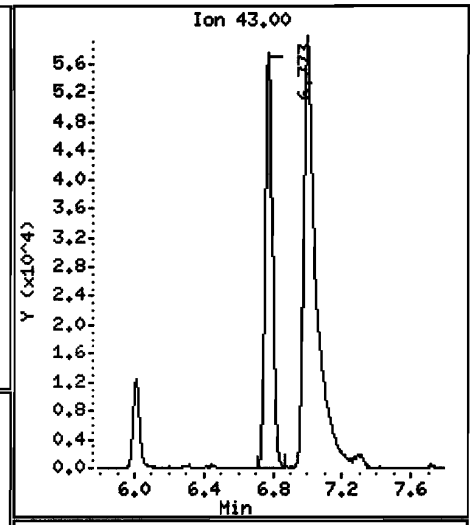
Concentration: 46 ppbv

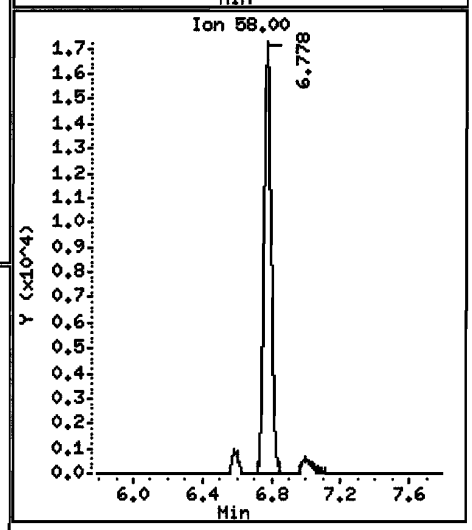












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

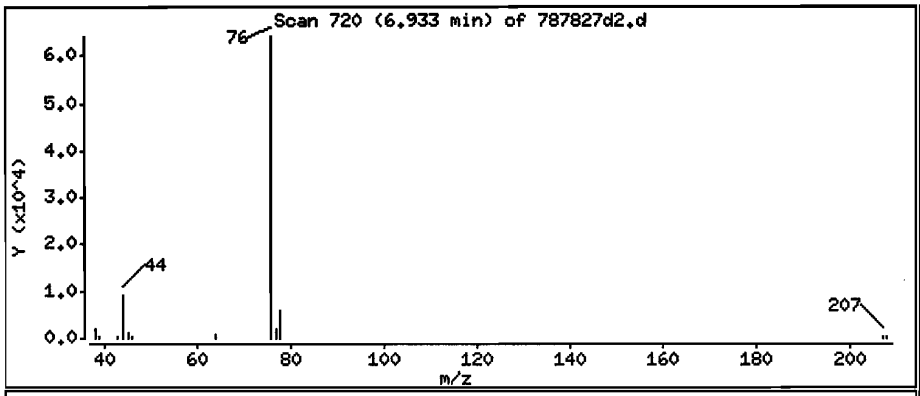
Operator: njr

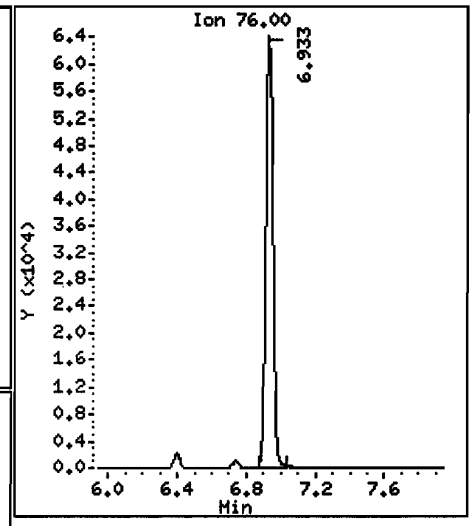
Column phase: RTX-624

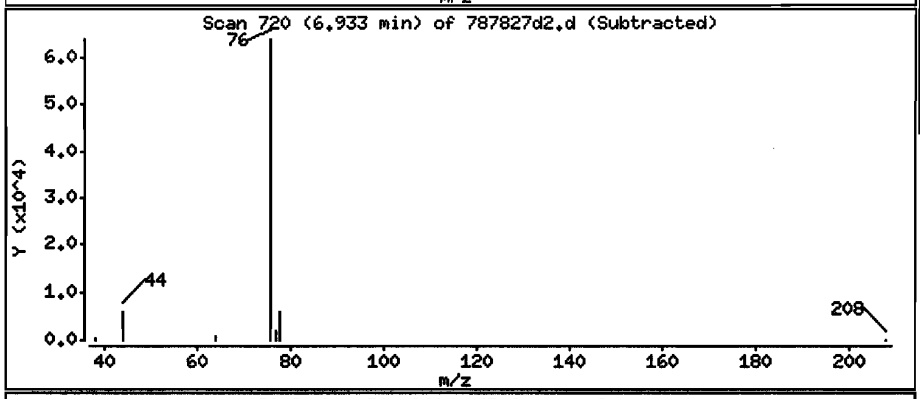
Column diameter: 0.32

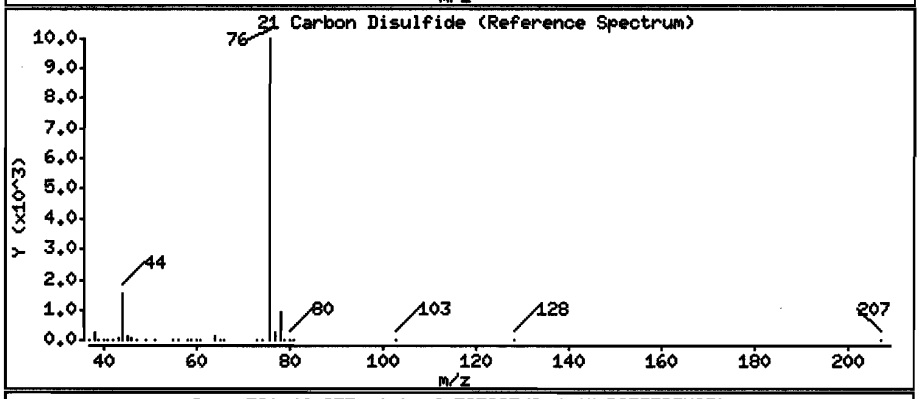
21 Carbon Disulfide

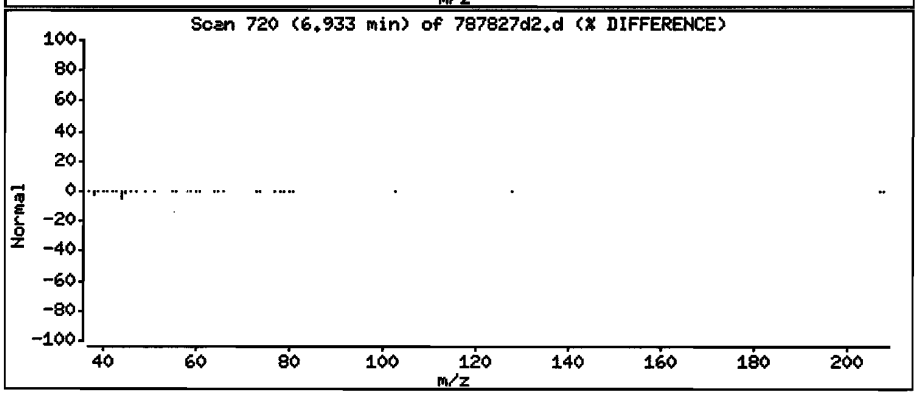
Concentration: 19 ppbv











Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

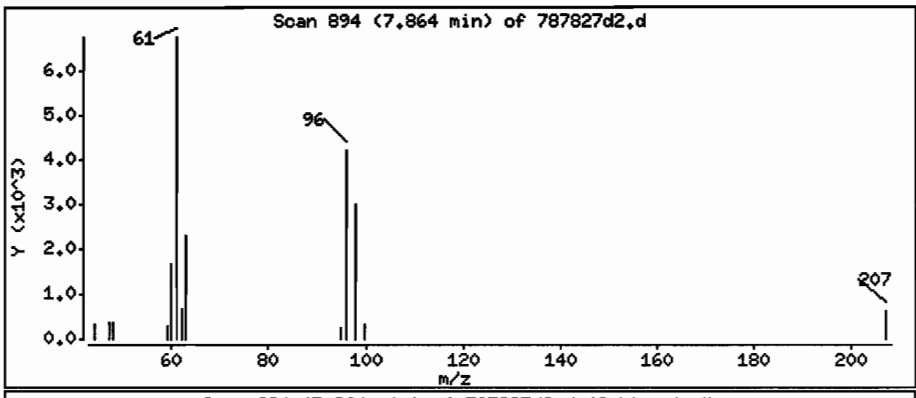
Operator: njr

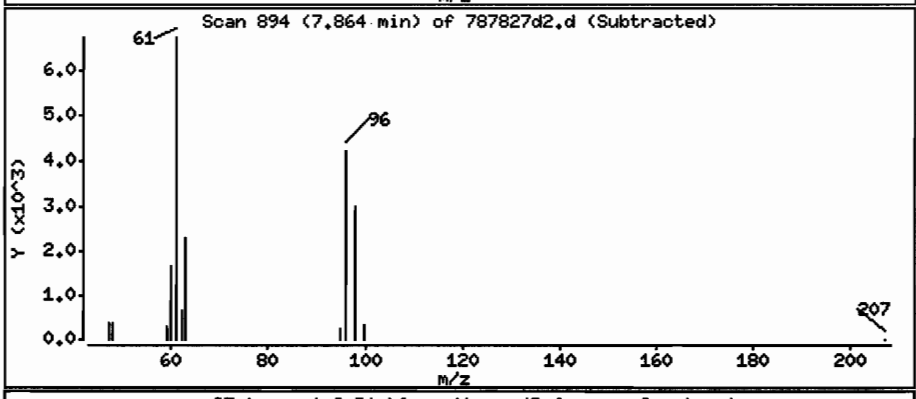
Column phase: RTX-624

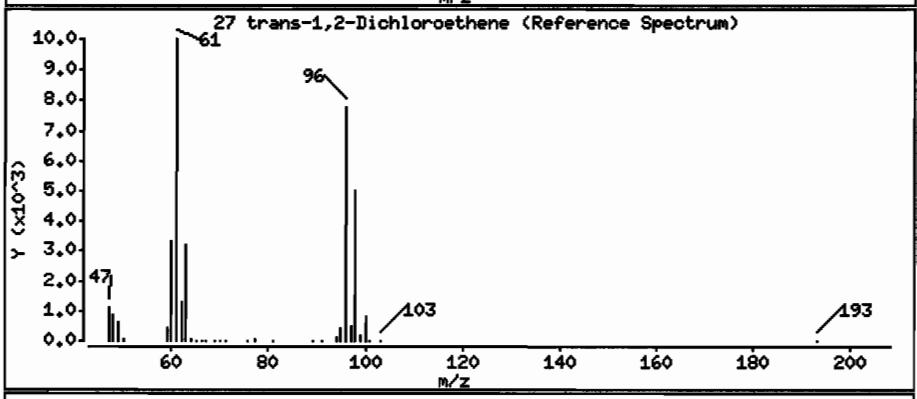
Column diameter: 0.32

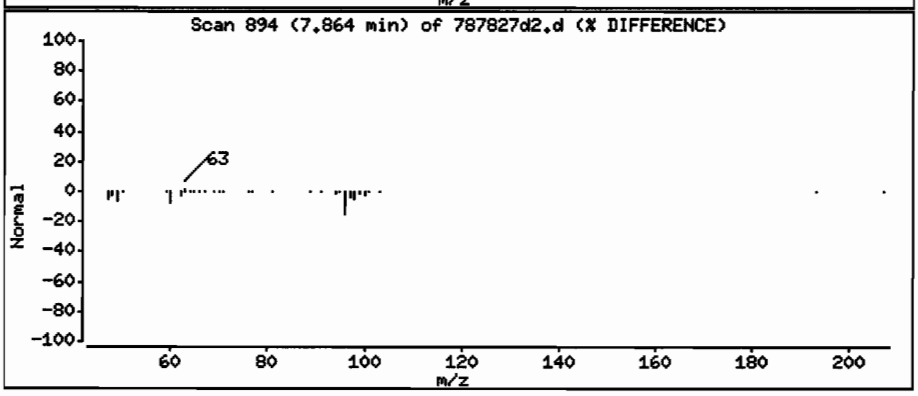
27 trans-1,2-Dichloroethene

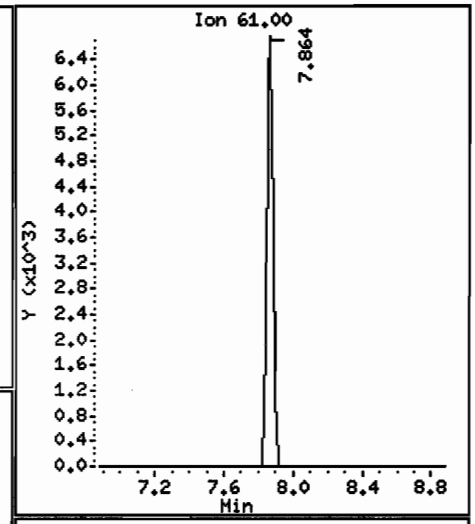
Concentration: 3.4 ppbv

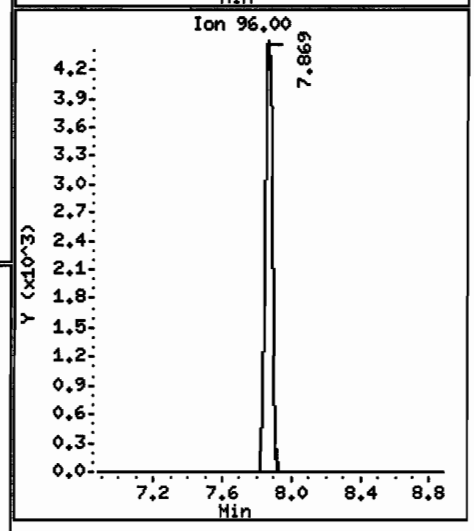












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

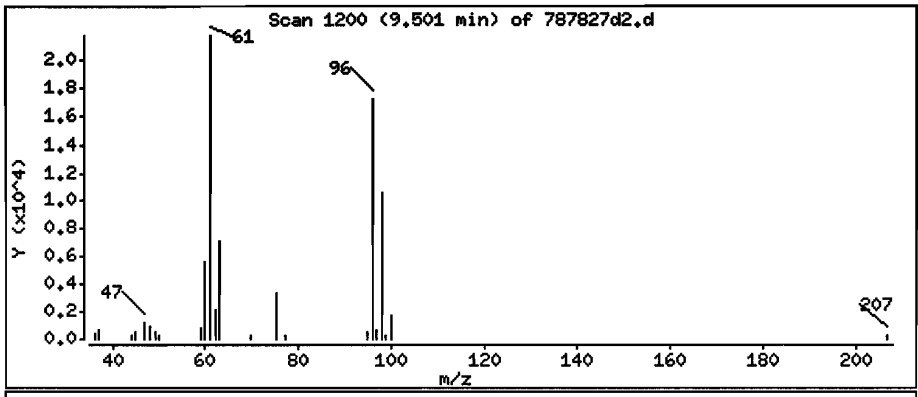
Operator: njr

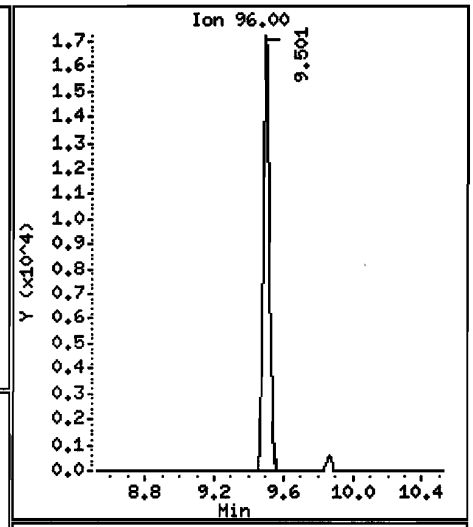
Column phase: RTX-624

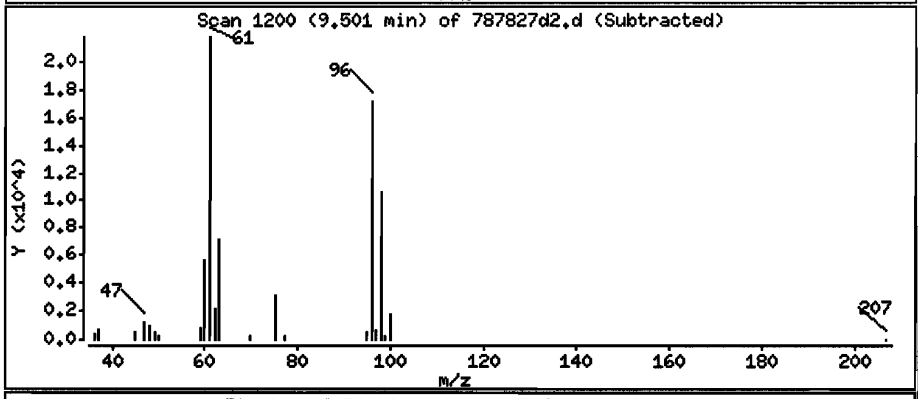
Column diameter: 0.32

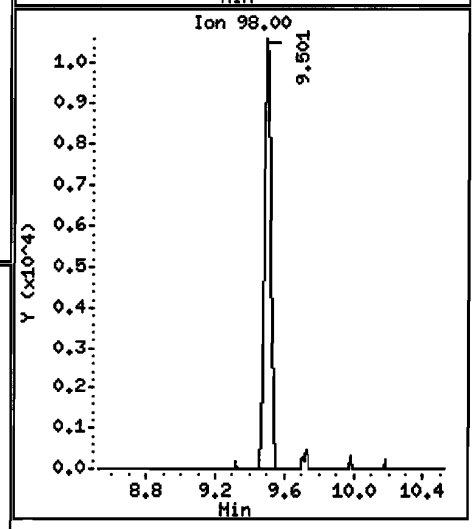
31 cis-1,2-Dichloroethene

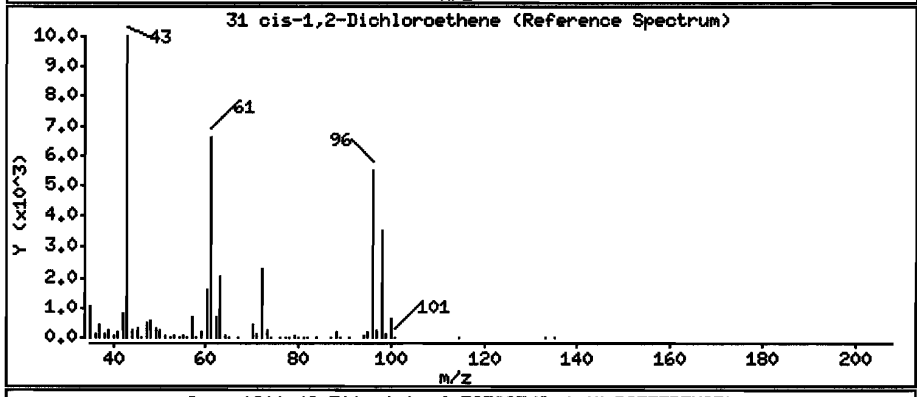
Concentration: 12 ppbv

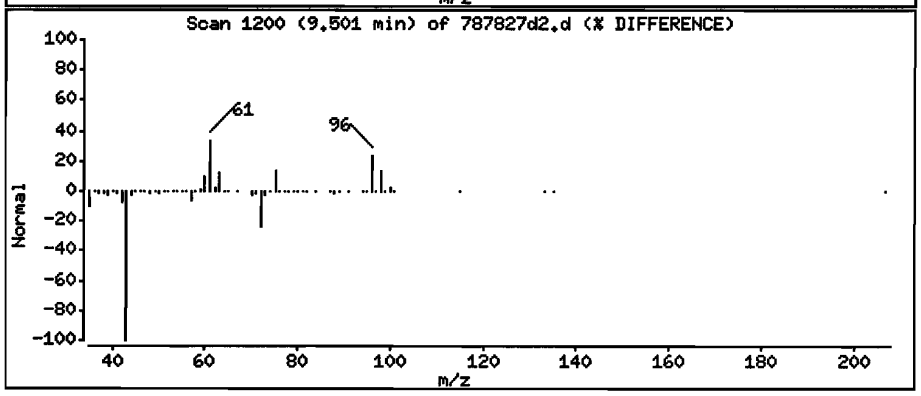












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

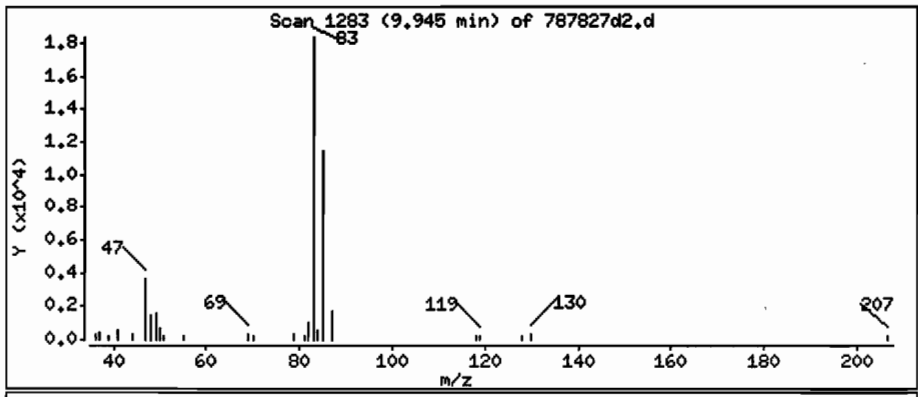
Operator: njr

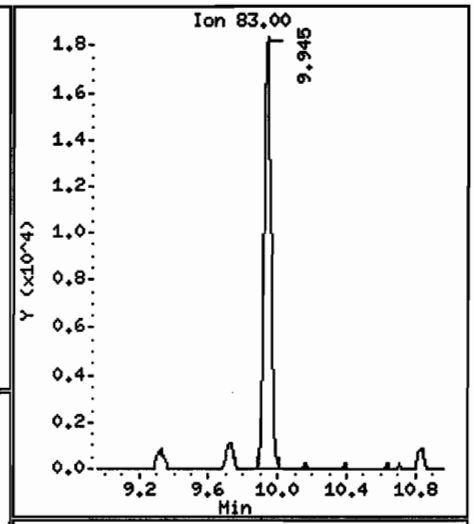
Column phase: RTX-624

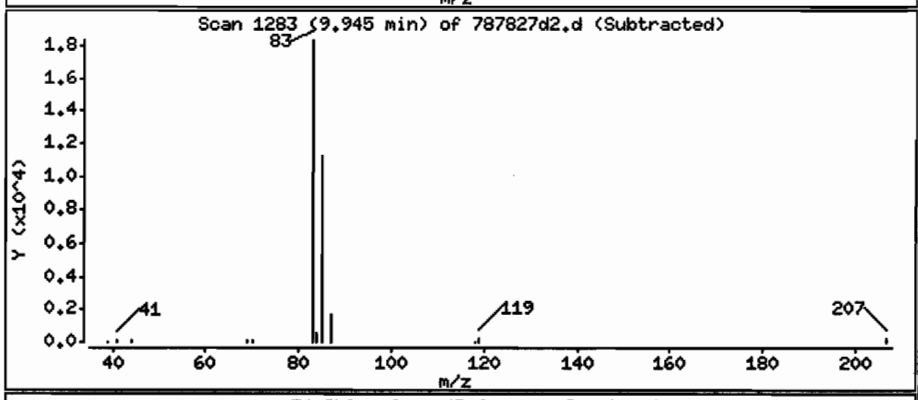
Column diameter: 0.32

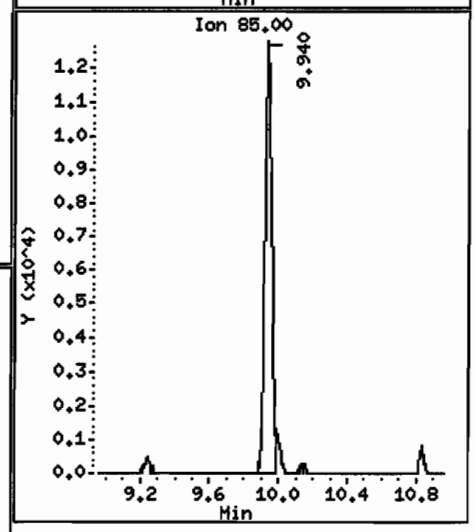
34 Chloroform

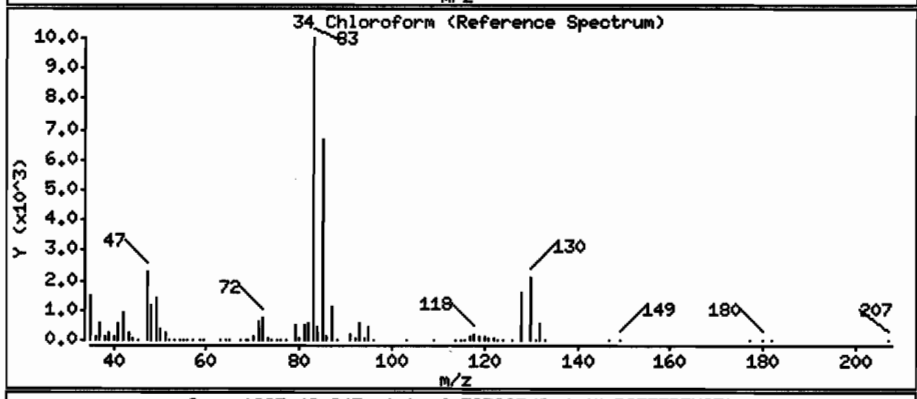
Concentration: 6.6 ppbv

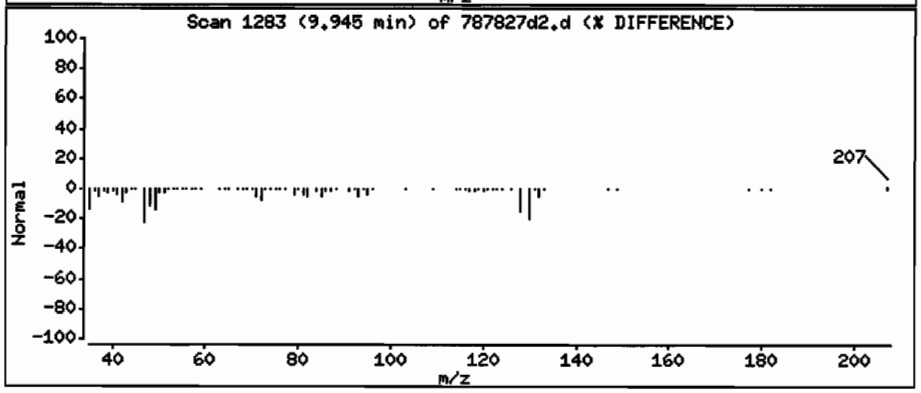












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

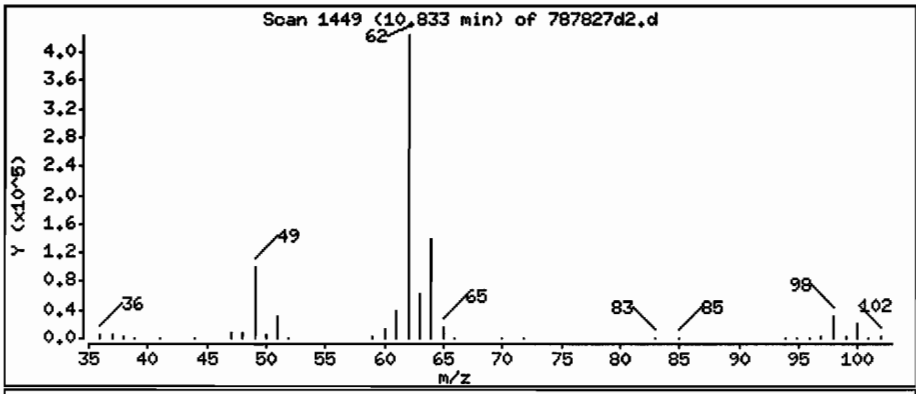
Operator: njr

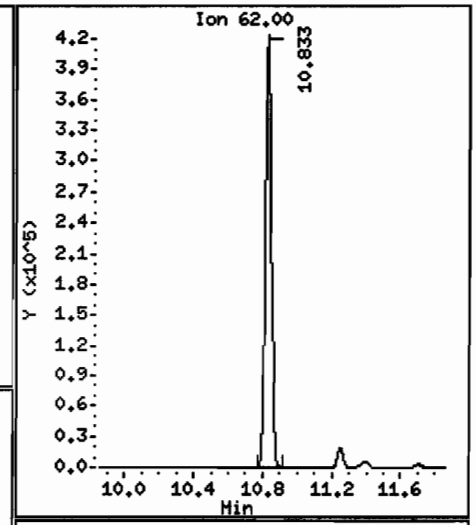
Column phase: RTX-624

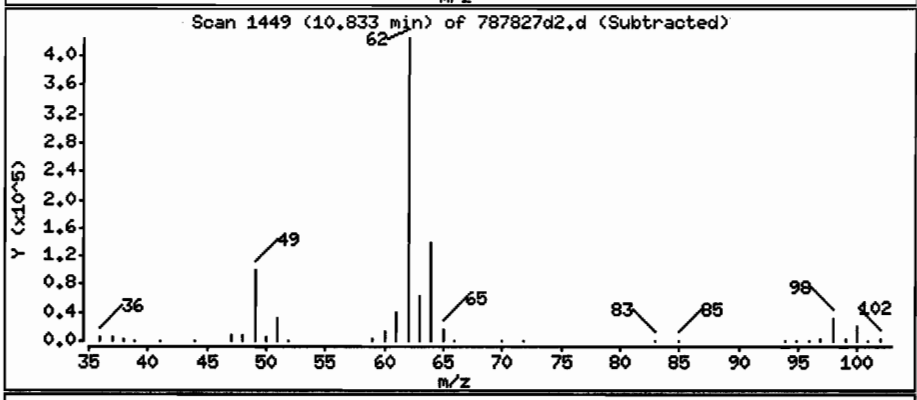
Column diameter: 0.32

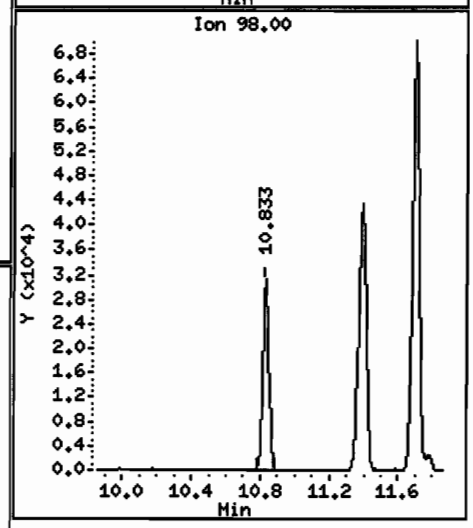
41 1,2-Dichloroethane

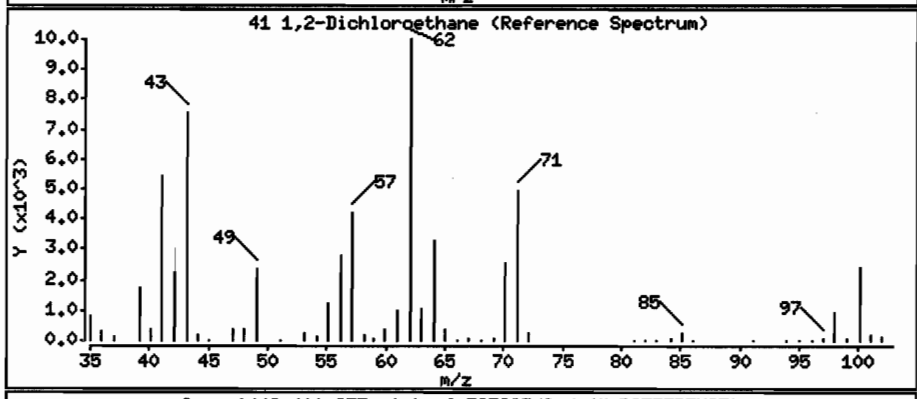
Concentration: 200 ppbv

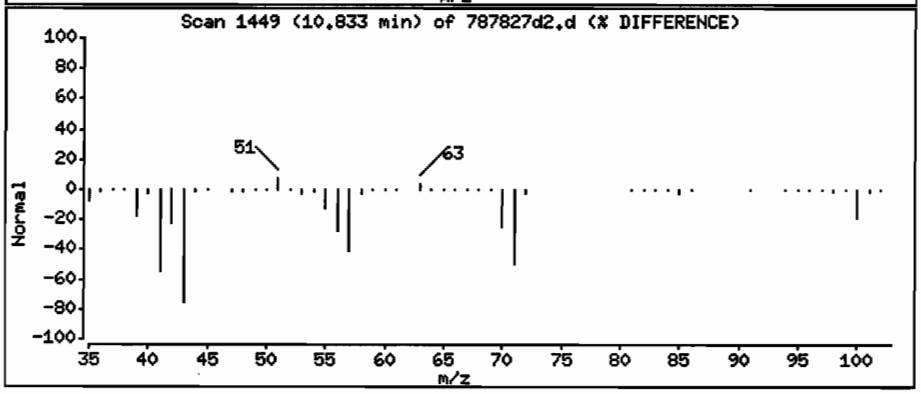












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

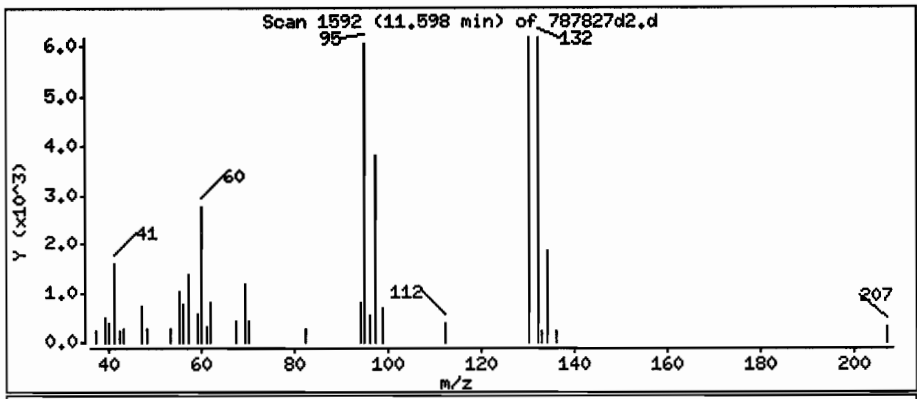
Operator: njr

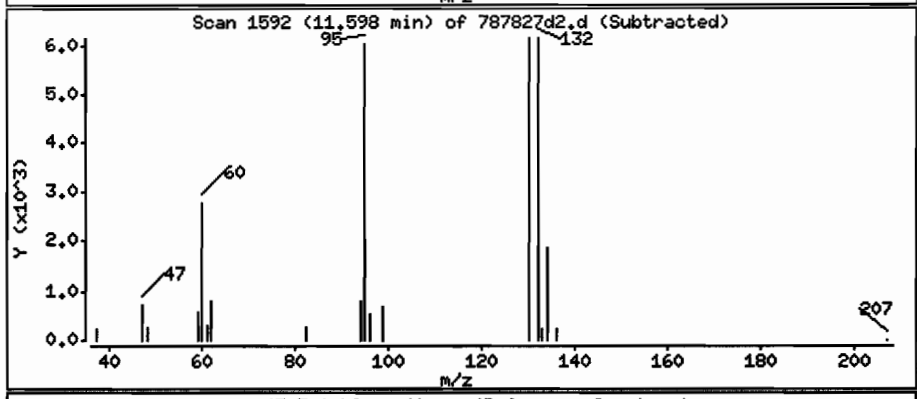
Column phase: RTX-624

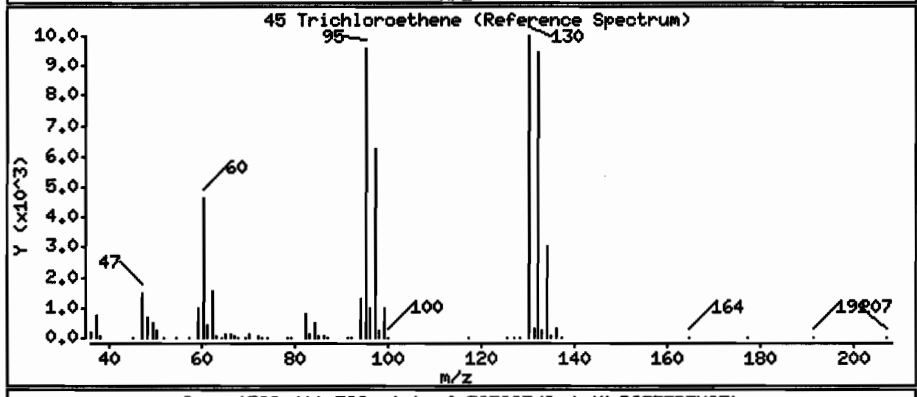
Column diameter: 0.32

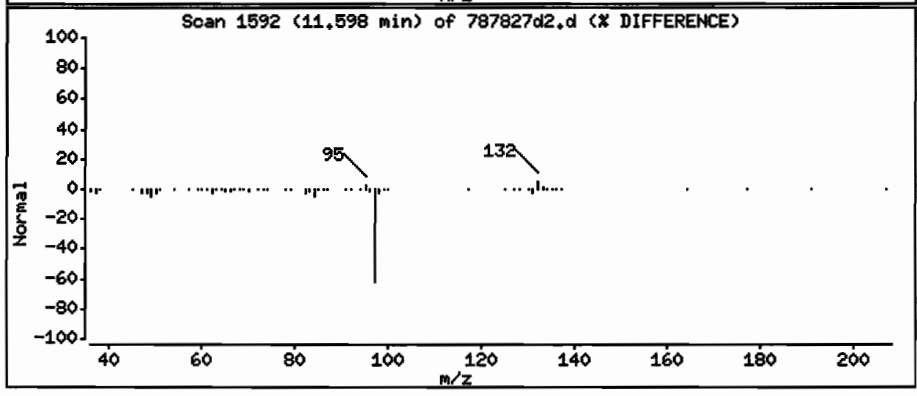
45 Trichloroethene

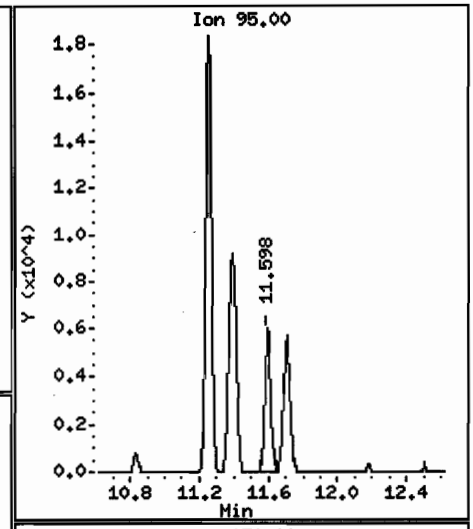
Concentration: 2.8 ppbv

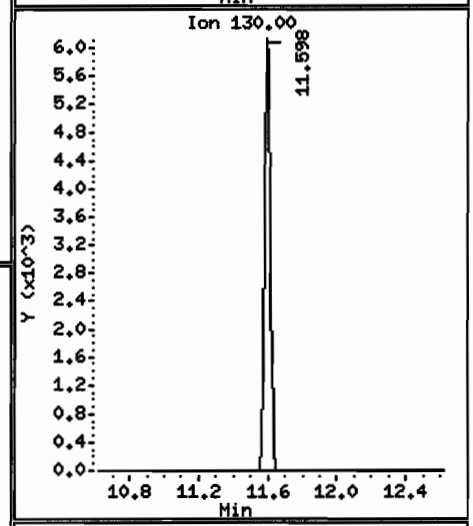


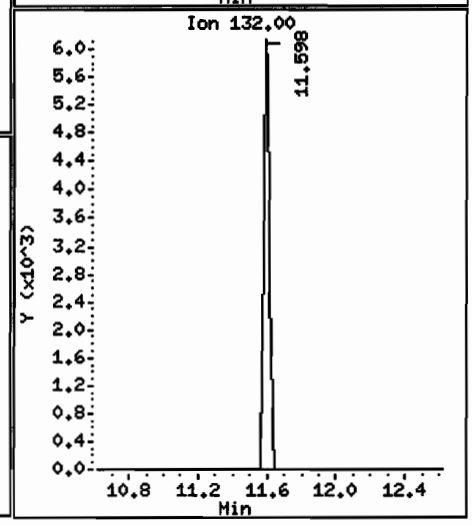












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

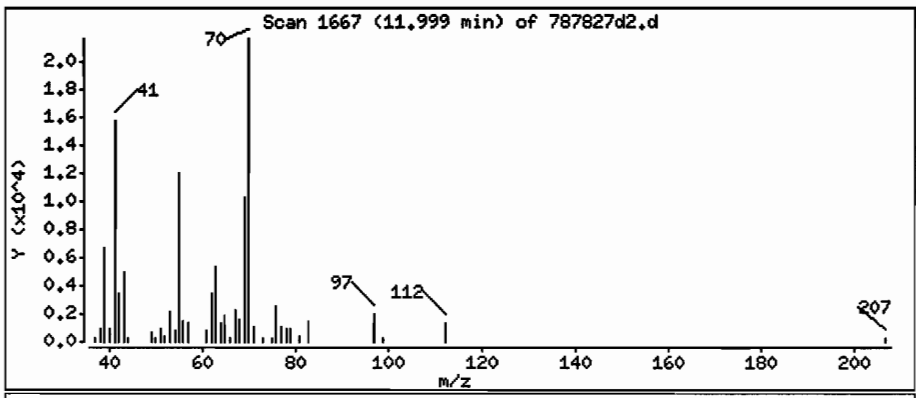
Operator: njr

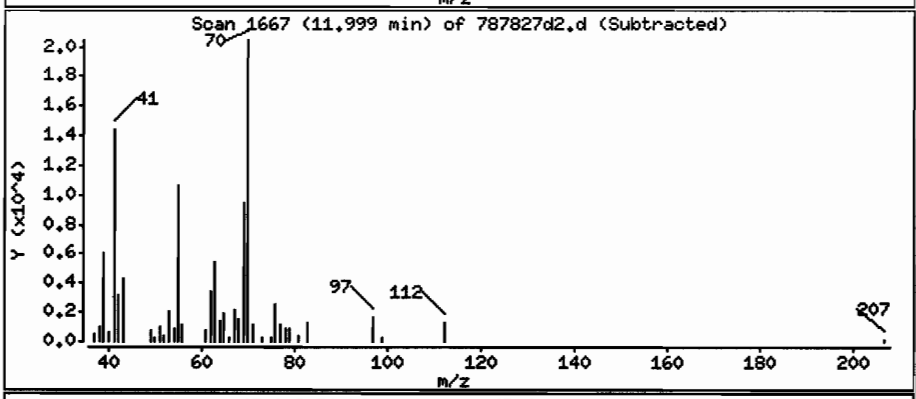
Column phase: RTX-624

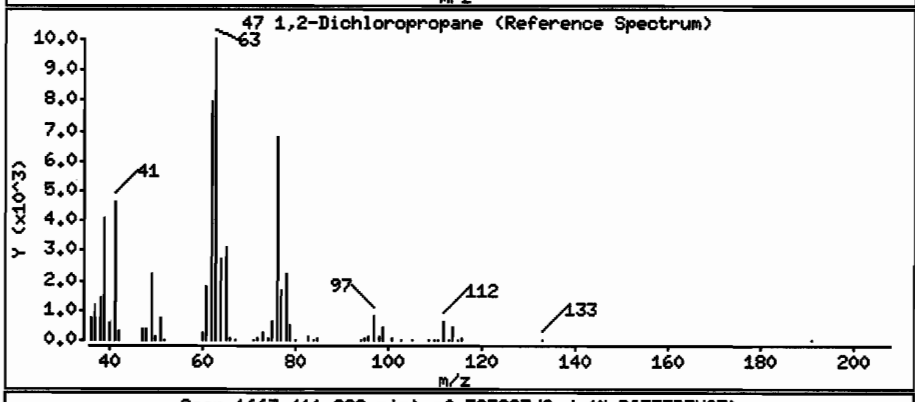
Column diameter: 0.32

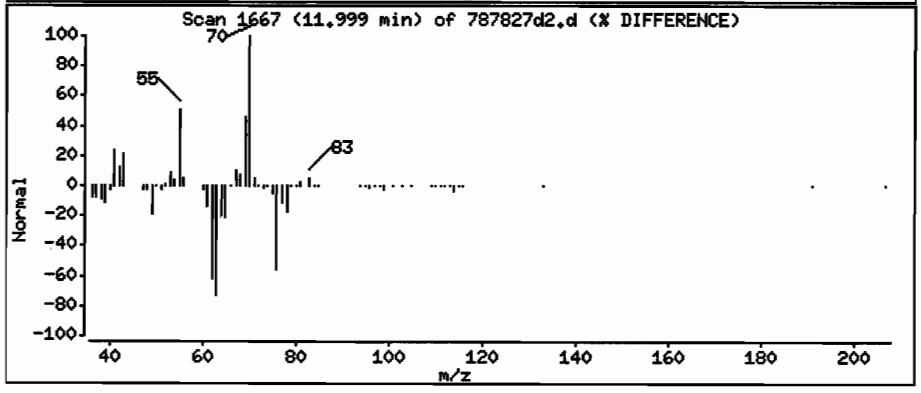
47 1,2-Dichloropropane

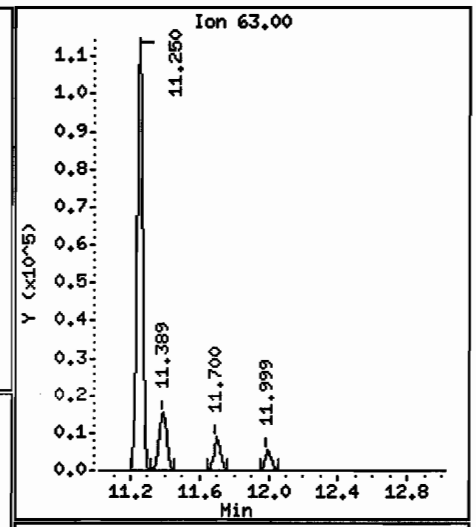
Concentration: 3.7 ppbv

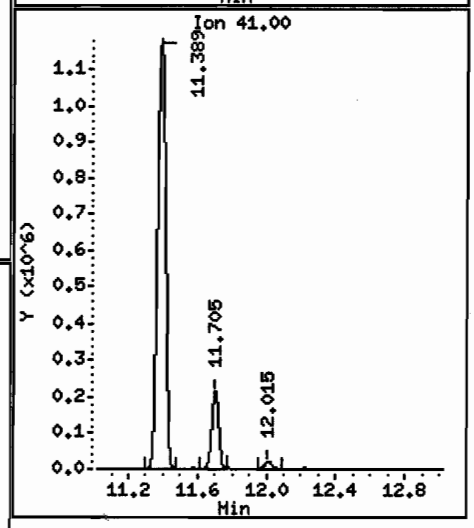












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

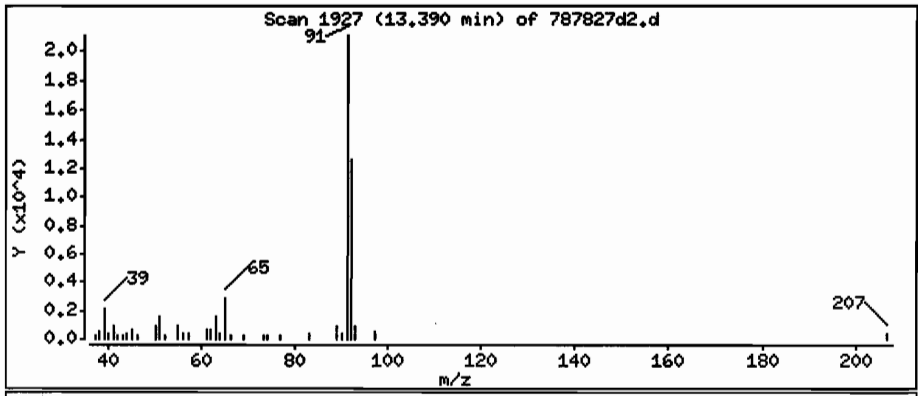
Operator: njr

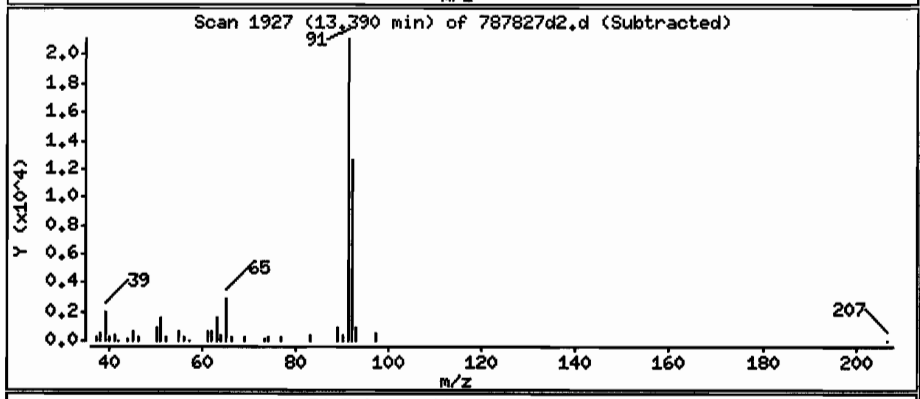
Column phase: RTX-624

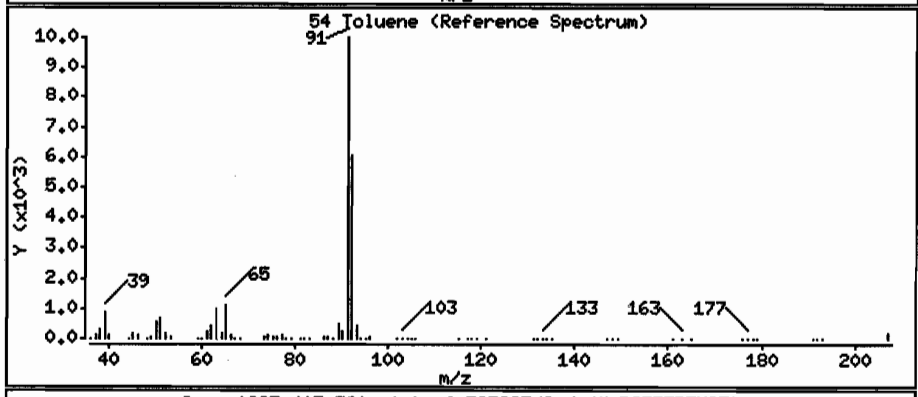
Column diameter: 0.32

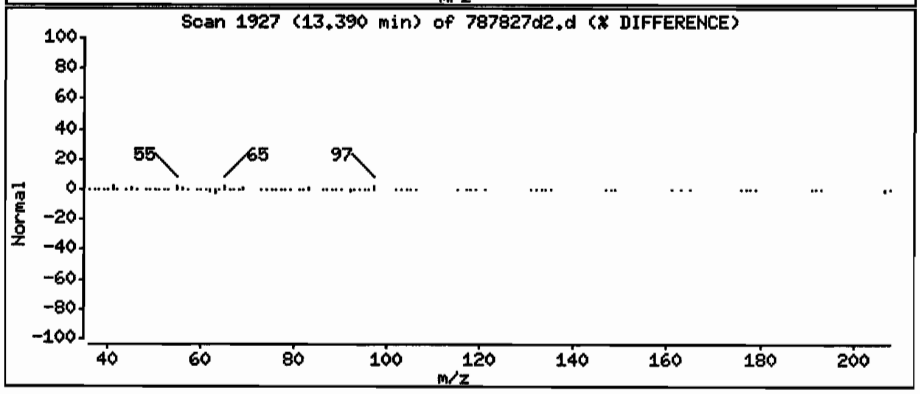
54 Toluene

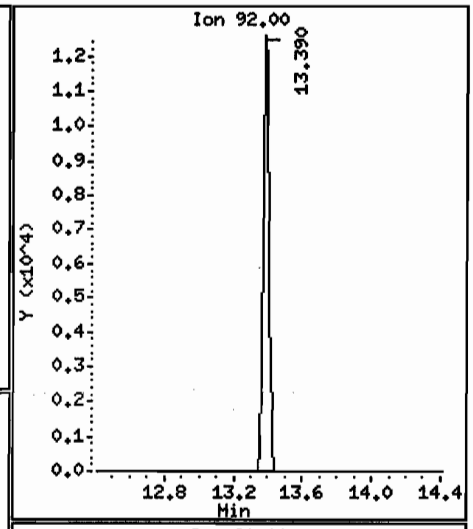
Concentration: 4.3 ppbv

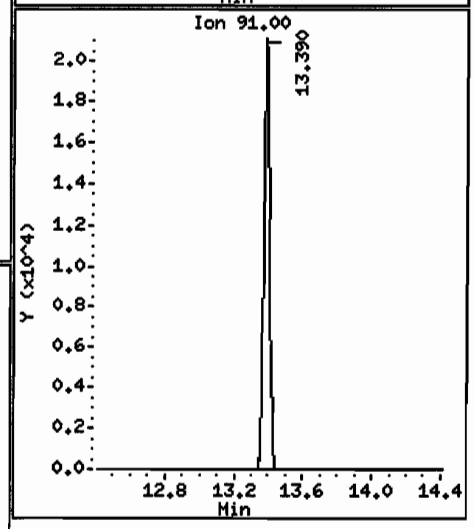












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787827d2.d

Date : 13-MAR-2009 14:14

Client ID: VP-21V3N

Instrument: G.i

Sample Info: 20090227VP-21V3N :[ ]02/27/09 @0940(AIR)

Purge Volume: 35.0

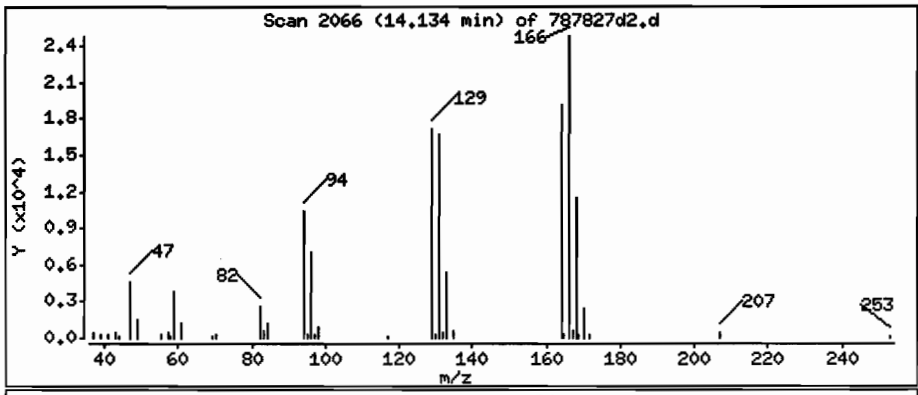
Operator: njr

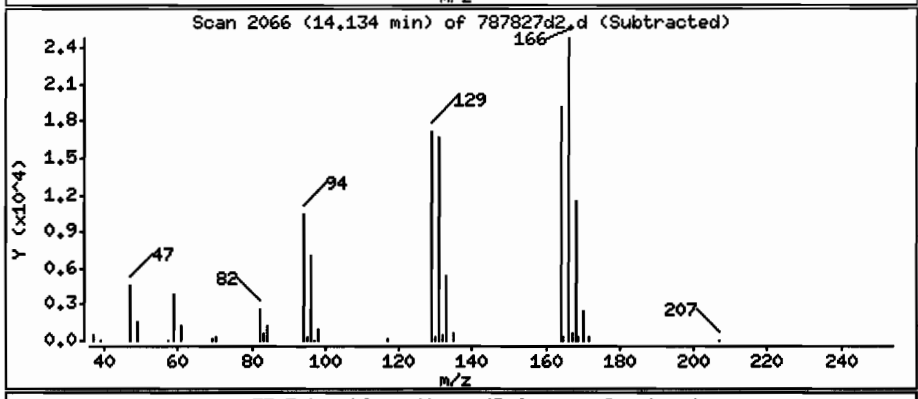
Column phase: RTX-624

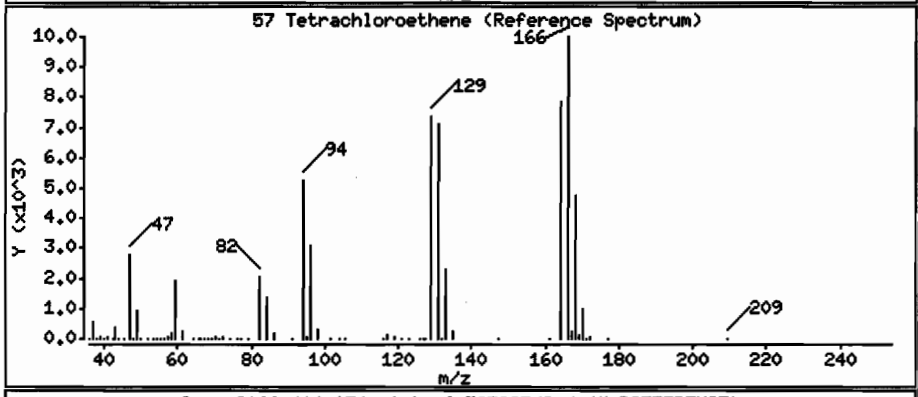
Column diameter: 0.32

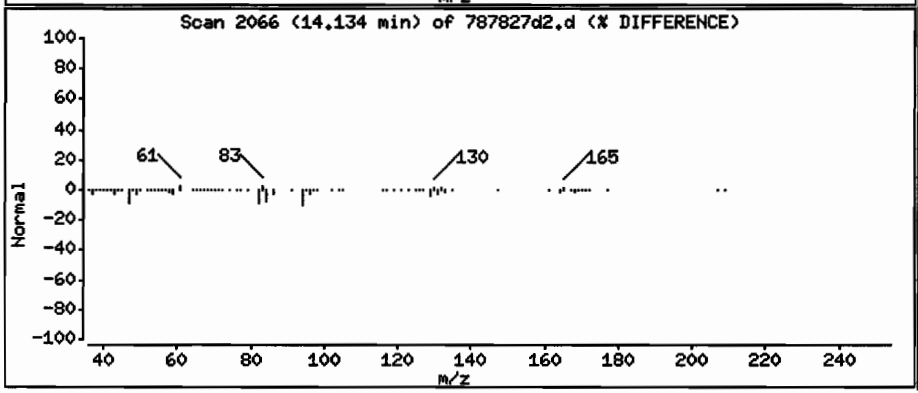
57 Tetrachloroethene

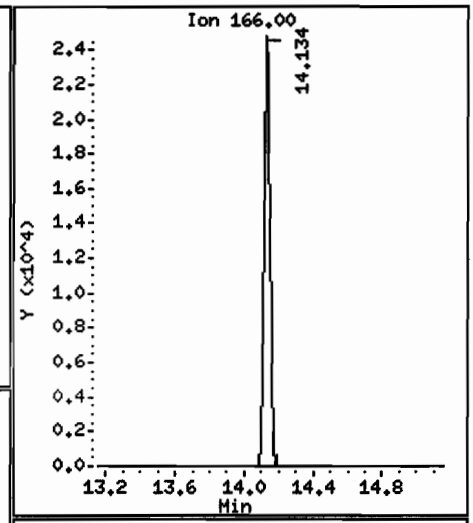
Concentration: 7.3 ppbv

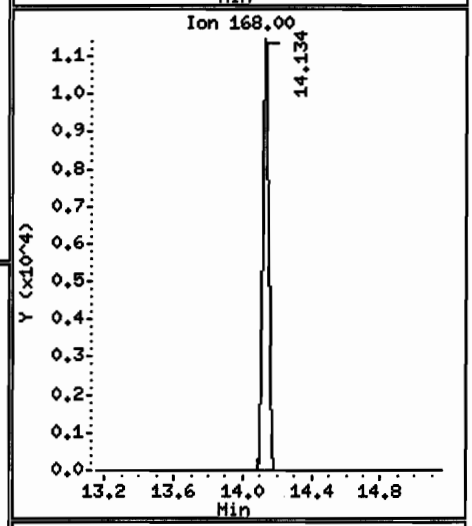


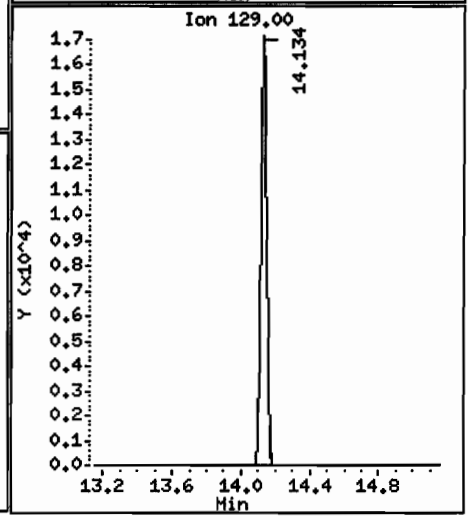






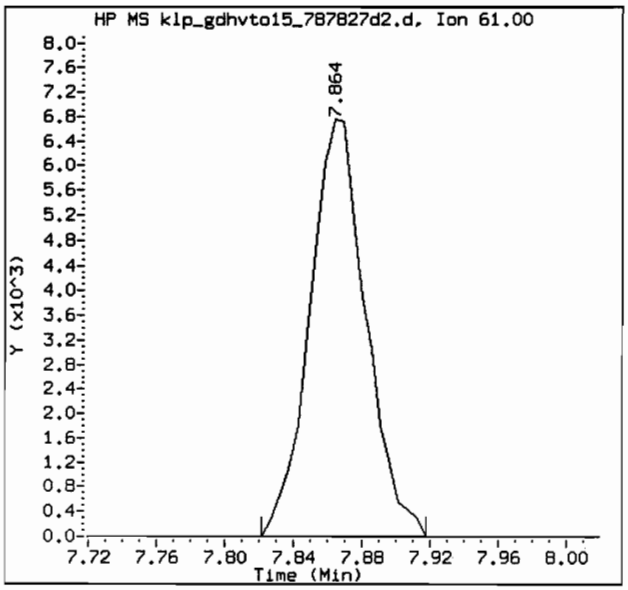


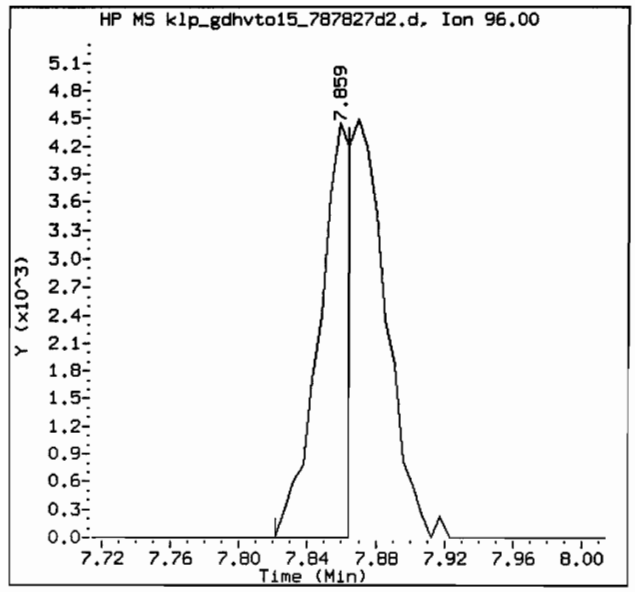




MANUAL INTEGRATION REPORT

Data File Name: 787827d2.d
Inj. Date and Time: 13-MAR-2009 14:14
Target Version: Target 3.50
Client Sample ID: VP-21V3N
Instrument ID: G.i
Report Version: 1.1
Compound Name: trans-1,2-DichloroetheneCAS #: 156-60-5
Report Date: 03/26/2009 12:53





Original Integrations:

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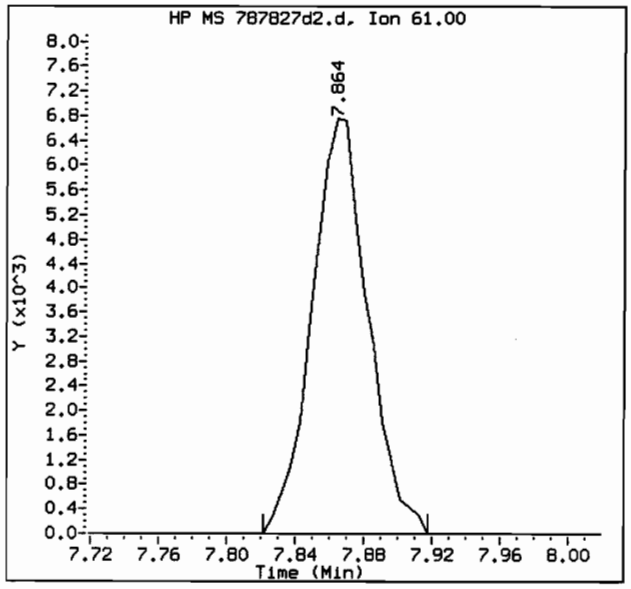
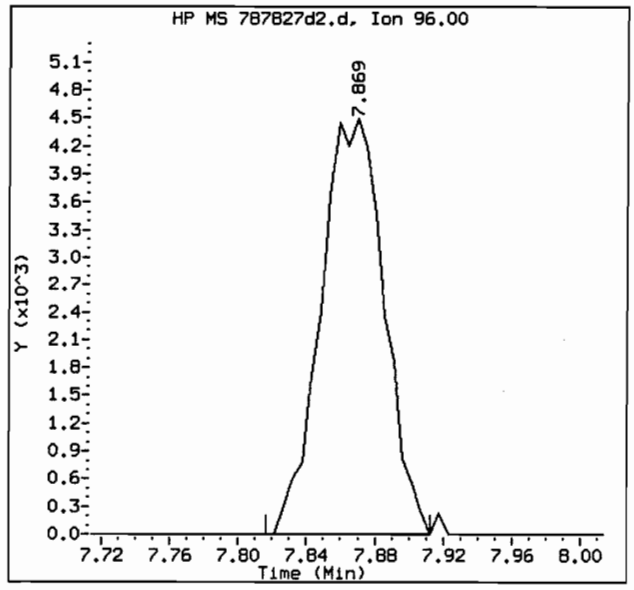
Area = 5817





Final Integrations:

Area = 15355

Area = 11600

Manual Integration Reason: MI1 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-22V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787829

Sample wt/vol: 50.00 (g/mL) ML Lab File ID: 787829D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 305.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	150	U
75-01-4	Vinyl Chloride	590	
74-83-9	Bromomethane	61	U
75-00-3	Chloroethane	150	U
75-35-4	1,1-Dichloroethene	61	U
67-64-1	Acetone	1500	U
75-15-0	Carbon Disulfide	150	U
75-09-2	Methylene Chloride	150	U
156-60-5	trans-1,2-Dichloroethene	61	U
75-34-3	1,1-Dichloroethane	61	U
78-93-3	Methyl Ethyl Ketone	150	U
156-59-2	cis-1,2-Dichloroethene	690	
67-66-3	Chloroform	61	U
71-55-6	1,1,1-Trichloroethane	61	U
56-23-5	Carbon Tetrachloride	500	
71-43-2	Benzene	61	U
107-06-2	1,2-Dichloroethane	61	U
79-01-6	Trichloroethene	240	
78-87-5	1,2-Dichloropropane	61	U
75-27-4	Bromodichloromethane	61	U
10061-01-5	cis-1,3-Dichloropropene	61	U
108-10-1	Methyl Isobutyl Ketone	150	U
108-88-3	Toluene	260	
10061-02-6	trans-1,3-Dichloropropene	61	U
79-00-5	1,1,2-Trichloroethane	61	U
127-18-4	Tetrachloroethene	9700	
591-78-6	Methyl Butyl Ketone	150	U
124-48-1	Dibromochloromethane	61	U
108-90-7	Chlorobenzene	140	
100-41-4	Ethylbenzene	61	U
1330-20-7	Xylene (m,p)	150	U
95-47-6	Xylene (o)	100	
100-42-5	Styrene	61	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-22V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787829

Sample wt/vol: 50.00 (g/mL) ML Lab File ID: 787829D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 305.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	61	U
79-34-5	1,1,2,2-Tetrachloroethane	61	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787829d.d

Date : 13-MAR-2009 15:54

Client ID: VP-22V3N

Sample Info: 20090227VP-22V3N :[ ]02/27/09 @1030(AIR)

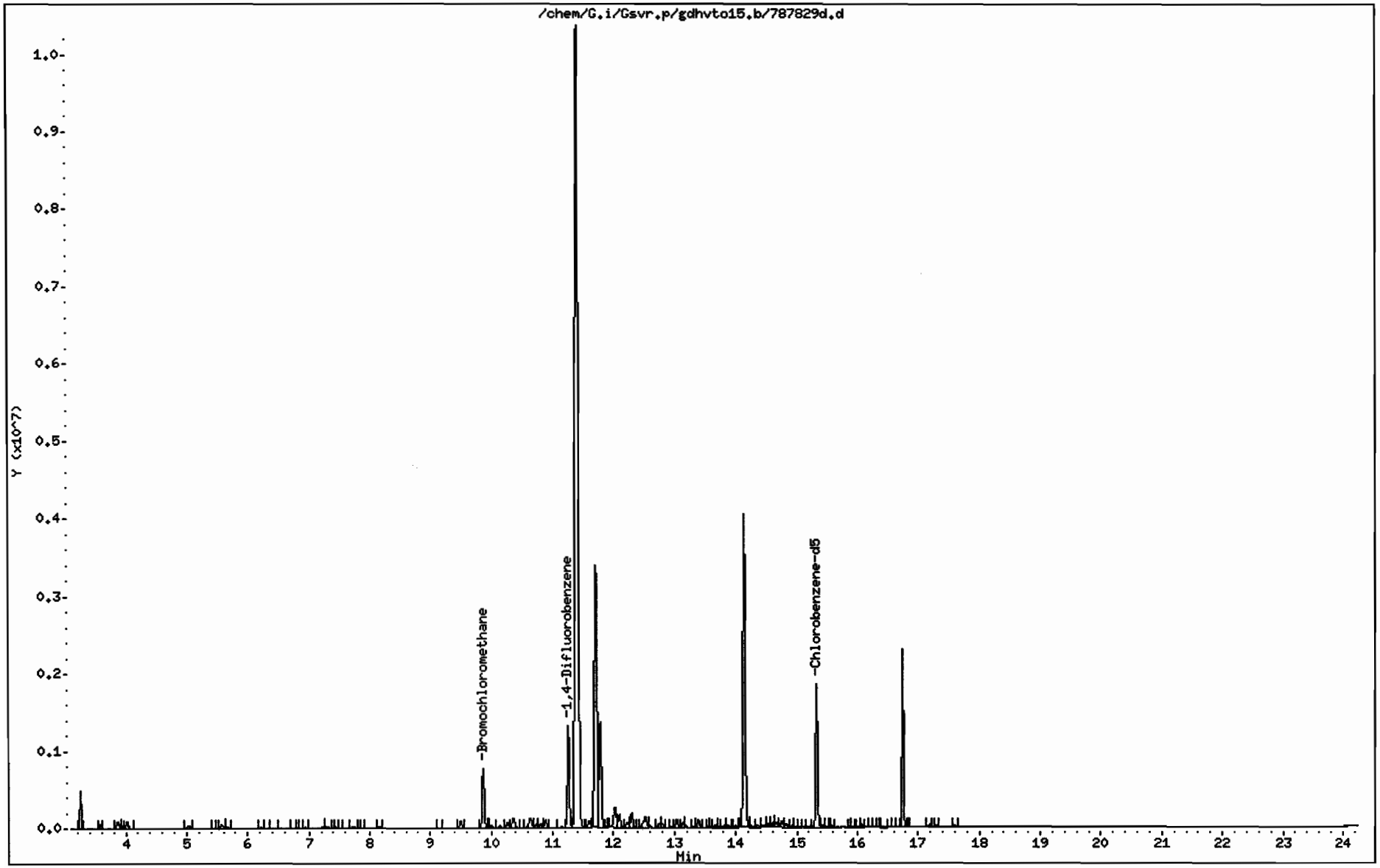
Purge Volume: 50.0

Column phase: RTX-624

Instrument: G.i

Operator: njr

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/787829d.d
Lab Smp Id: 787829 Client Smp ID: VP-22V3N
Inj Date : 13-MAR-2009 15:54
Operator : njr Inst ID: G.i
Smp Info : 20090227VP-22V3N :[ ]02/27/09 @1030(AIR)
Misc Info : 787829;031209GA;305;50;cdf 76.3
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 9
Dil Factor: 305.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	305.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	50.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.948	3.943	(0.400)	33867	1.93321	590
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	50303	2.26728	690
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	278951	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	10.357	10.378	(0.921)	113615	1.62984	500
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1395192	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.031)	28689	0.78671	240
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.390	13.412	(0.874)	39232	0.85079	260
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	14.134	14.155	(0.922)	1662769	31.9451	9700
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1271754	10.0000	
62 Chlorobenzene	112	15.364	15.386	(1.002)	30935	0.45104	140
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	Compound Not Detected.					
65 Xylene (o)	106	16.081	16.103	(1.049)	12669	0.33248	100
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787829d.d

Date : 13-MAR-2009 15:54

Client ID: VP-22V3N

Instrument: G.i

Sample Info: 20090227VP-22V3N :[ ]02/27/09 @1030(AIR)

Purge Volume: 50.0

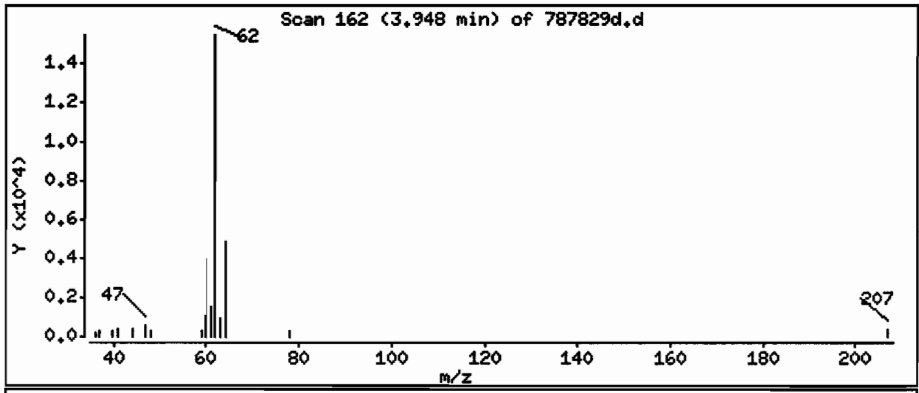
Operator: njr

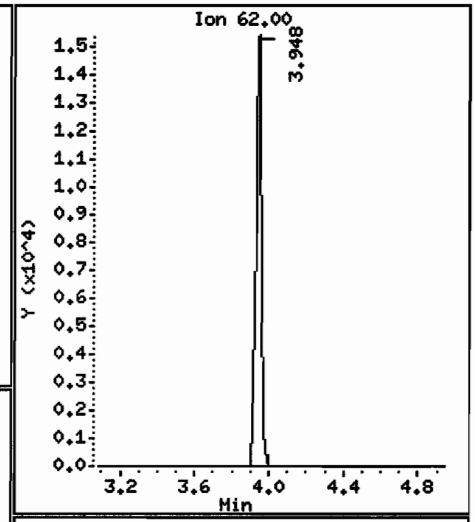
Column phase: RTX-624

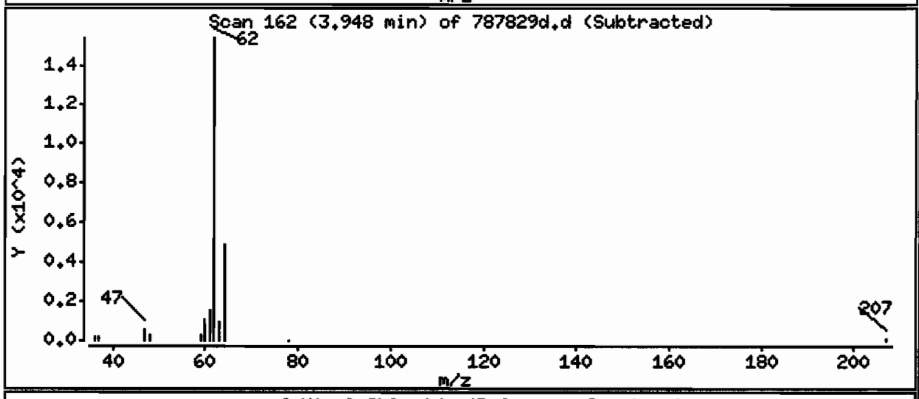
Column diameter: 0.32

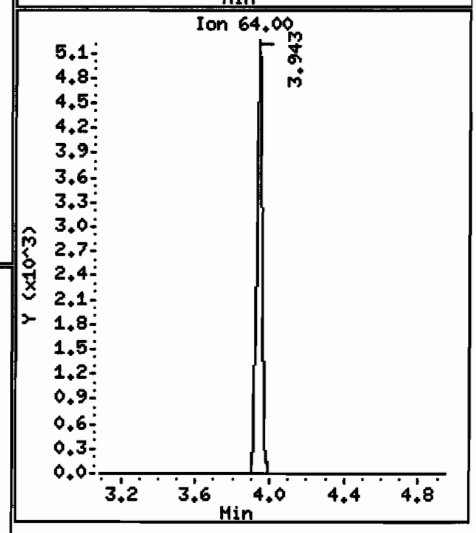
6 Vinyl Chloride

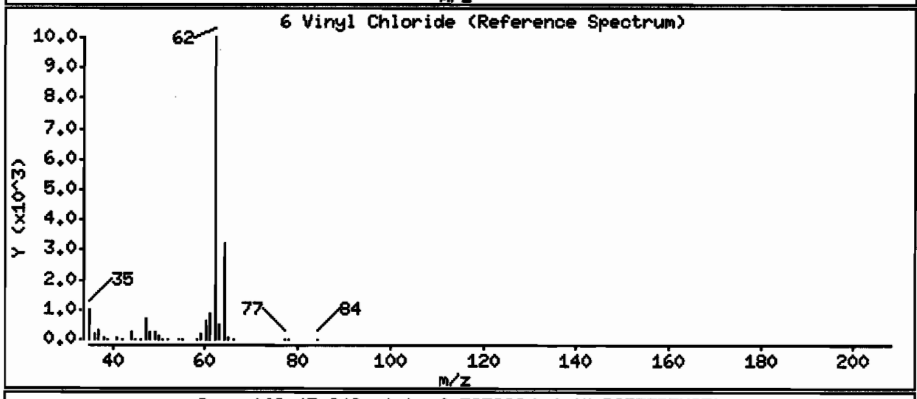
Concentration: 590 ppbv

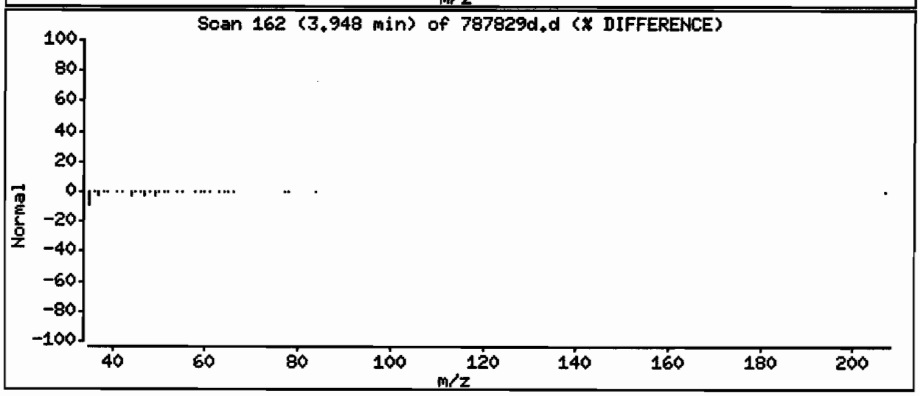












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787829d.d

Date : 13-MAR-2009 15:54

Client ID: VP-22V3N

Instrument: G.i

Sample Info: 20090227VP-22V3N ;[ ]02/27/09 @1030(AIR)

Purge Volume: 50.0

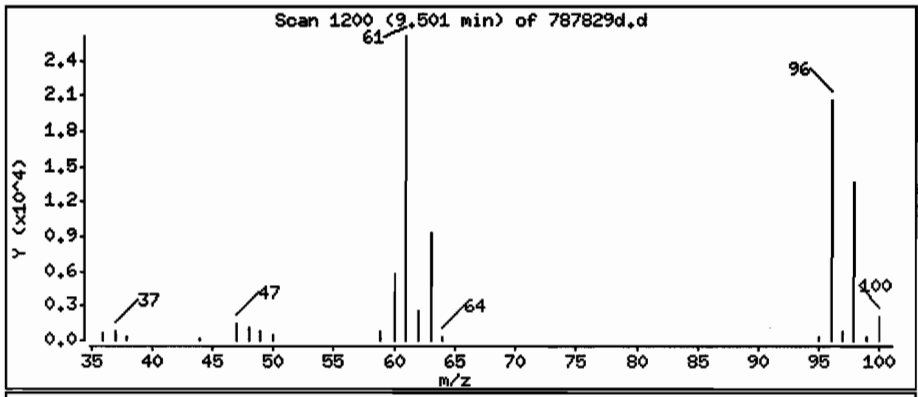
Operator: njr

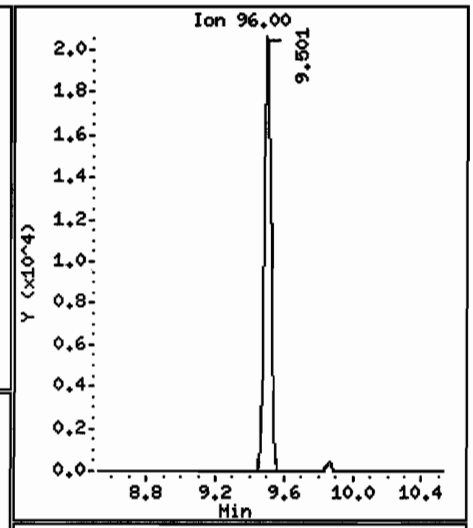
Column phase: RTX-624

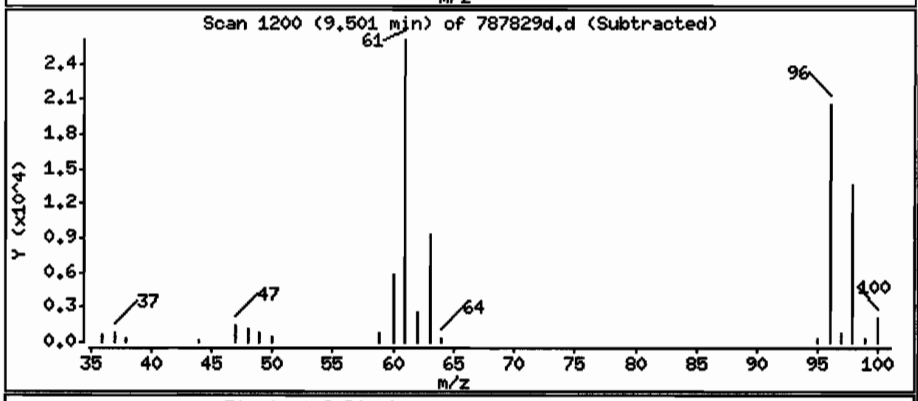
Column diameter: 0.32

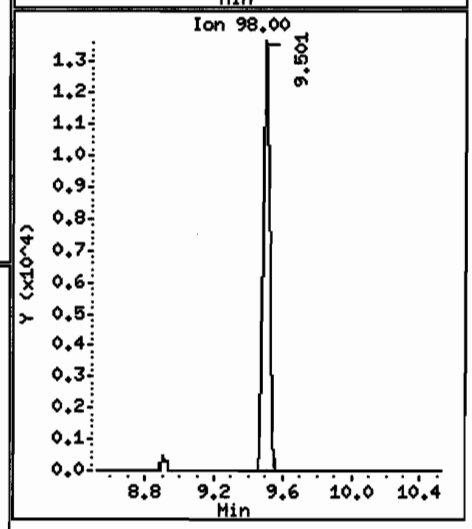
31 cis-1,2-Dichloroethene

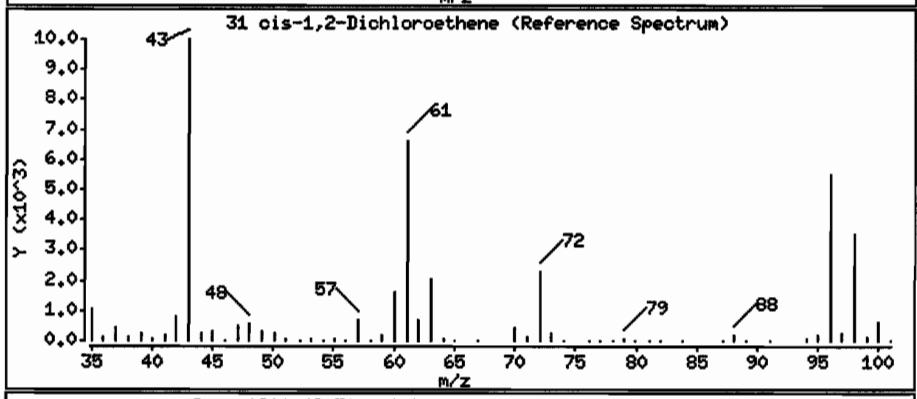
Concentration: 690 ppbv

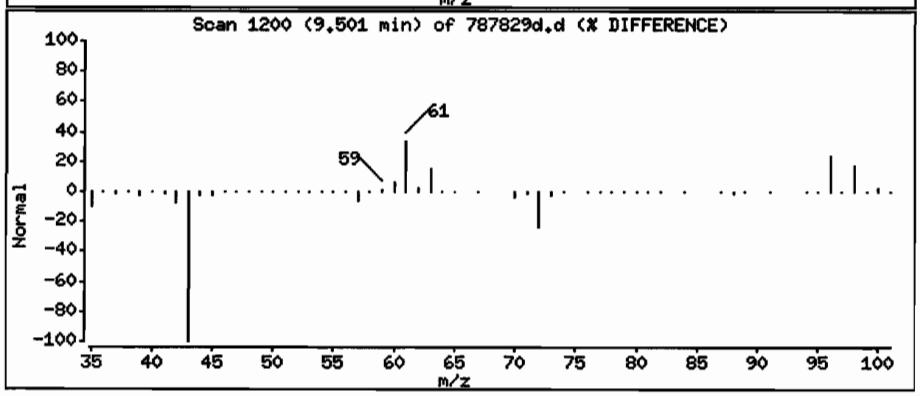












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787829d.d

Date : 13-MAR-2009 15:54

Client ID: VP-22V3N

Instrument: G.i

Sample Info: 20090227VP-22V3N :[ ]02/27/09 @1030(AIR)

Purge Volume: 50.0

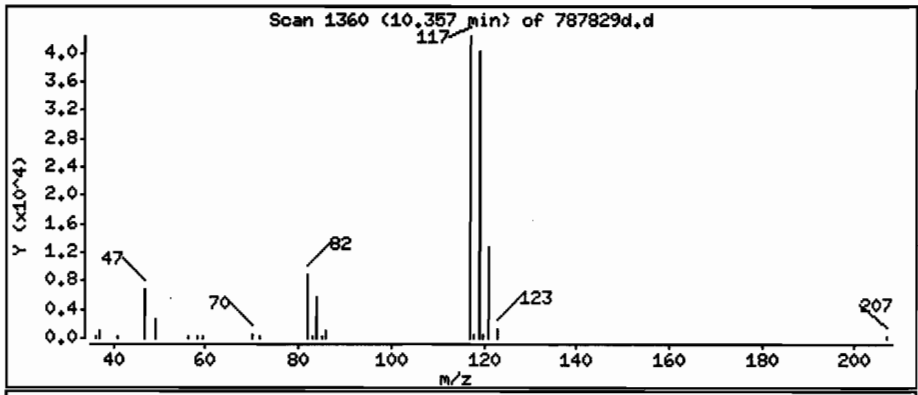
Operator: njr

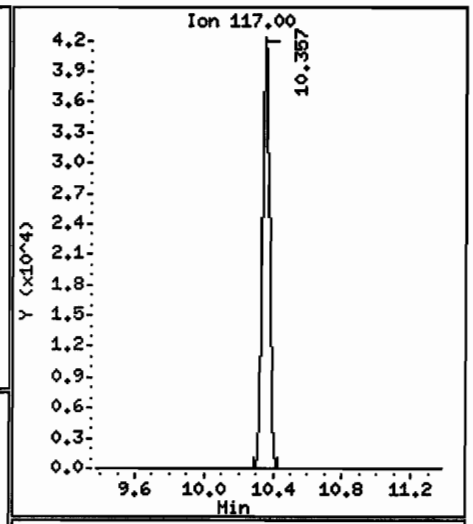
Column phase: RTX-624

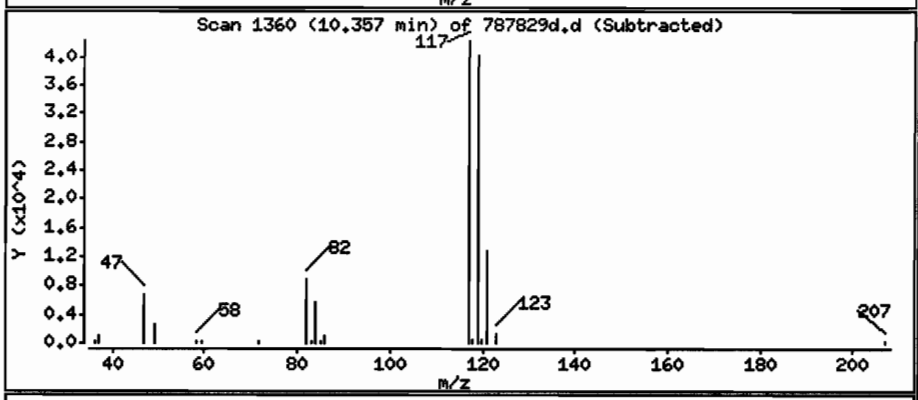
Column diameter: 0.32

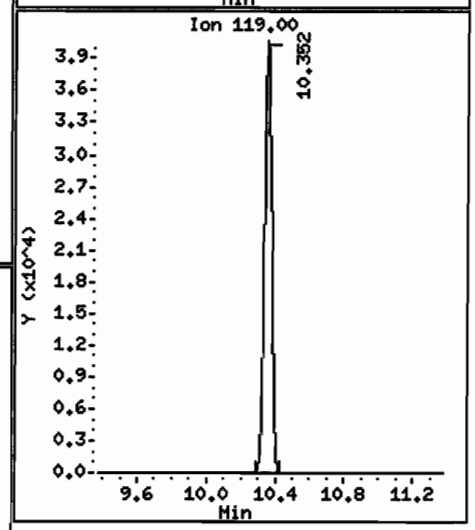
37 Carbon Tetrachloride

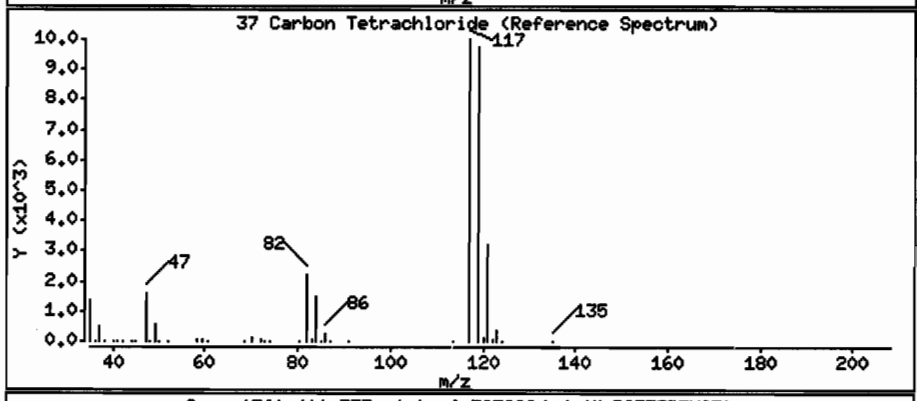
Concentration: 500 ppbv

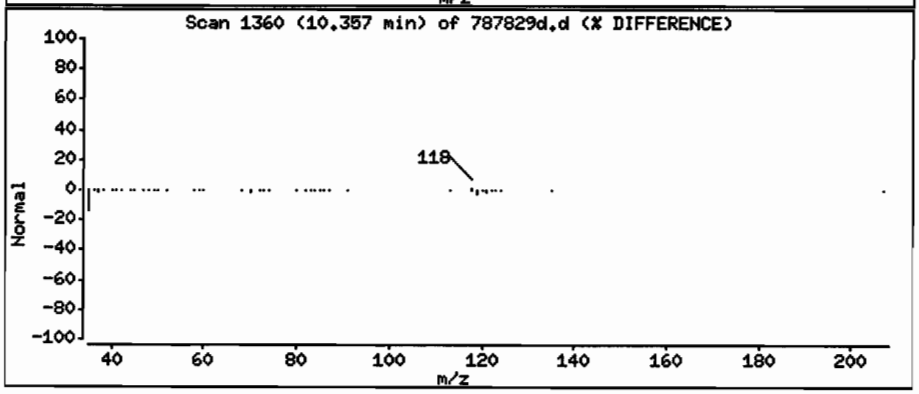












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787829d.d

Date : 13-MAR-2009 15:54

Client ID: VP-22V3N

Instrument: G.i

Sample Info: 20090227VP-22V3N :[ ]02/27/09 @1030(AIR)

Purge Volume: 50.0

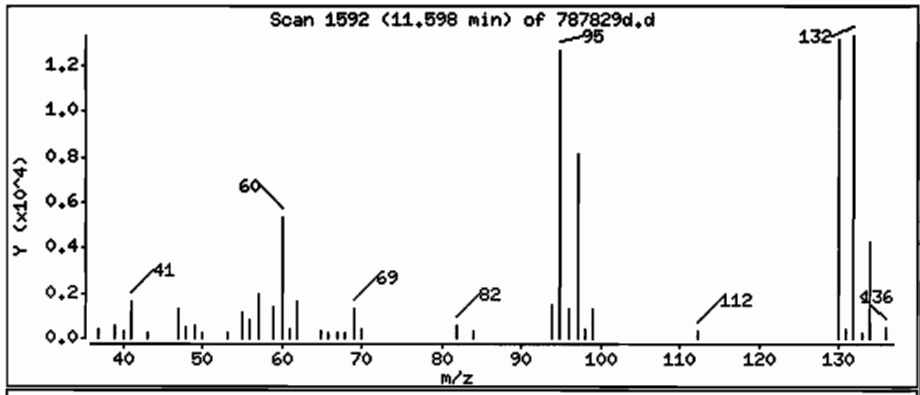
Operator: njr

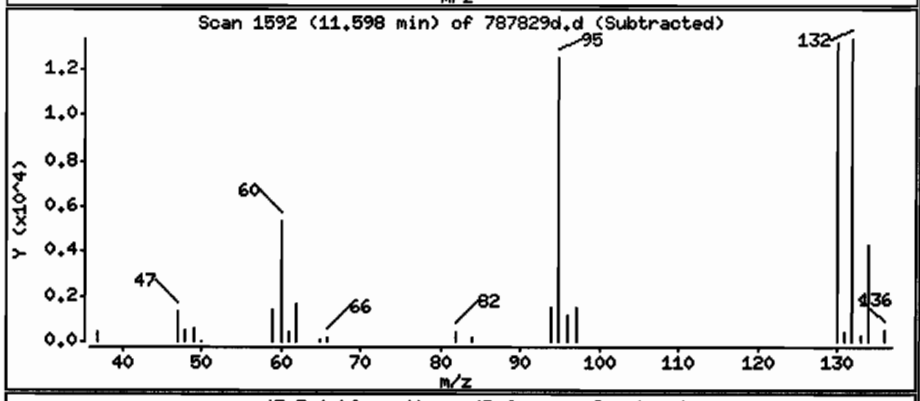
Column phase: RTX-624

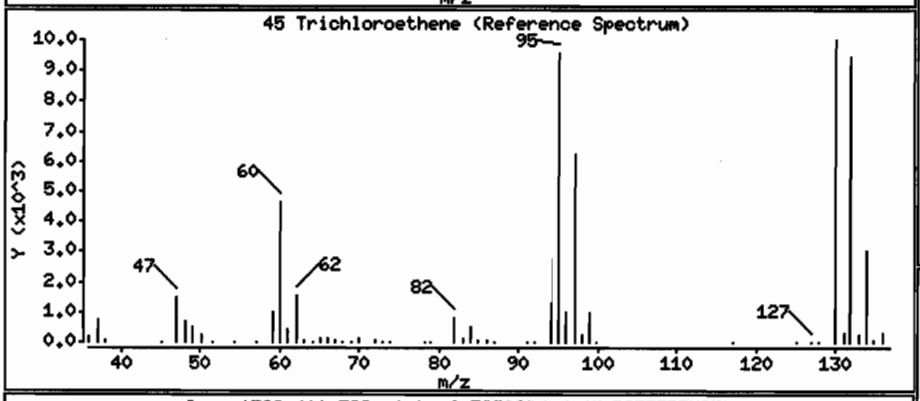
Column diameter: 0.32

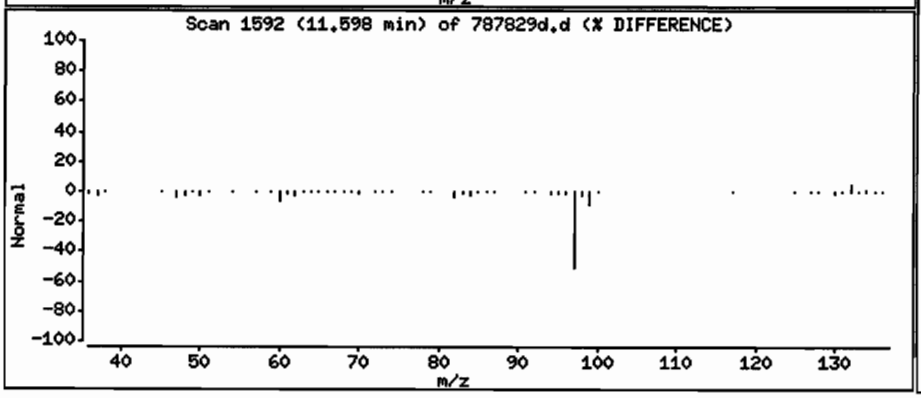
45 Trichloroethene

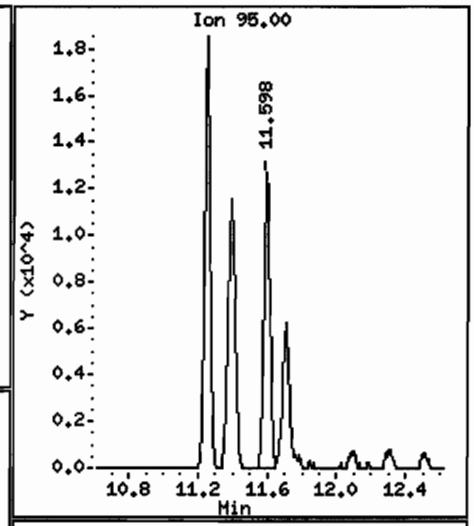
Concentration: 240 ppbv

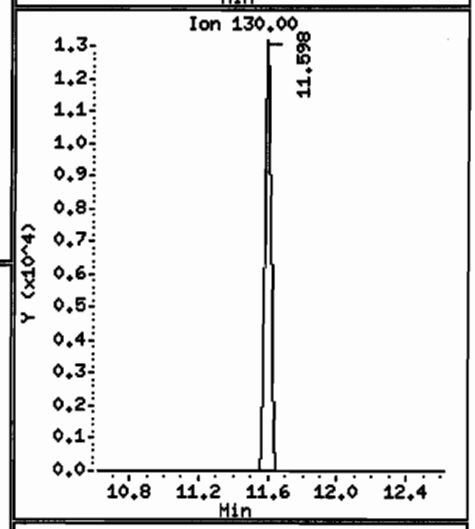


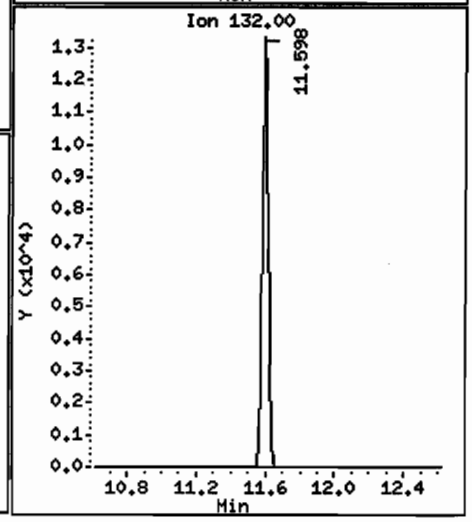












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787829d.d

Date : 13-MAR-2009 15:54

Client ID: VP-22V3N

Instrument: G.i

Sample Info: 20090227VP-22V3N :[ ]02/27/09 @1030(AIR)

Purge Volume: 50.0

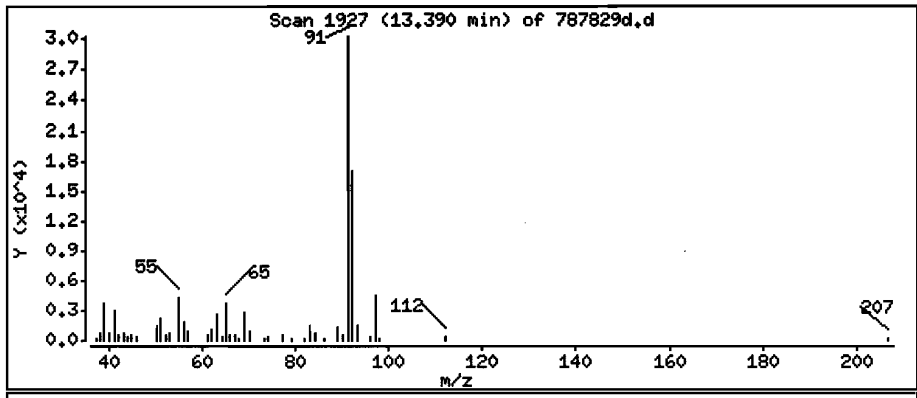
Operator: njr

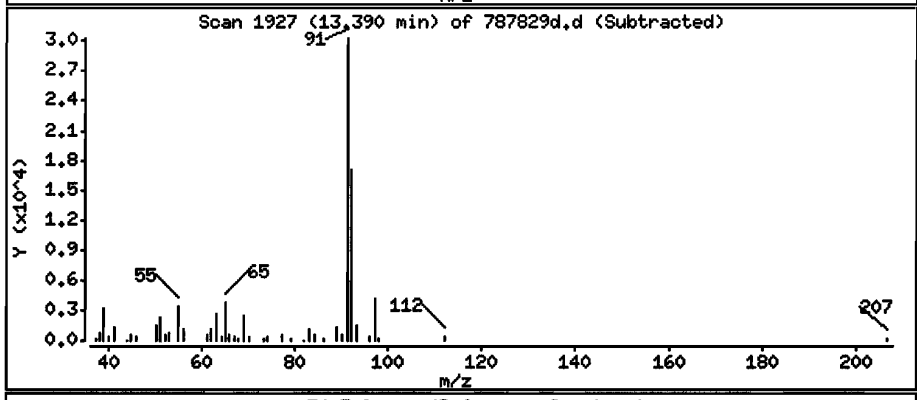
Column phase: RTX-624

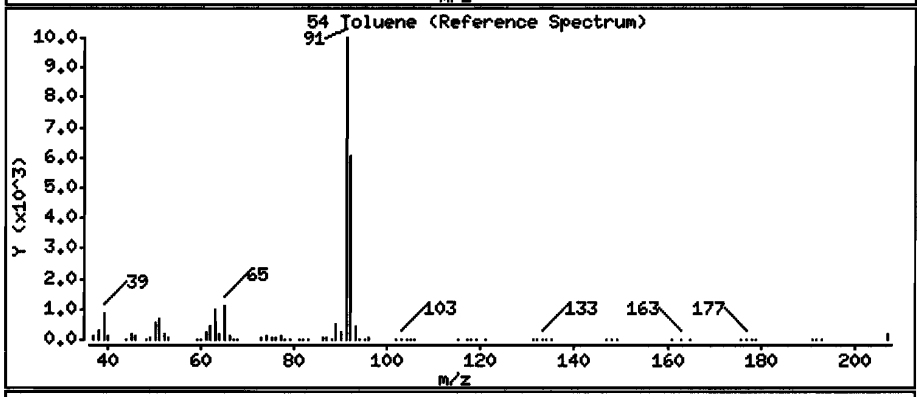
Column diameter: 0.32

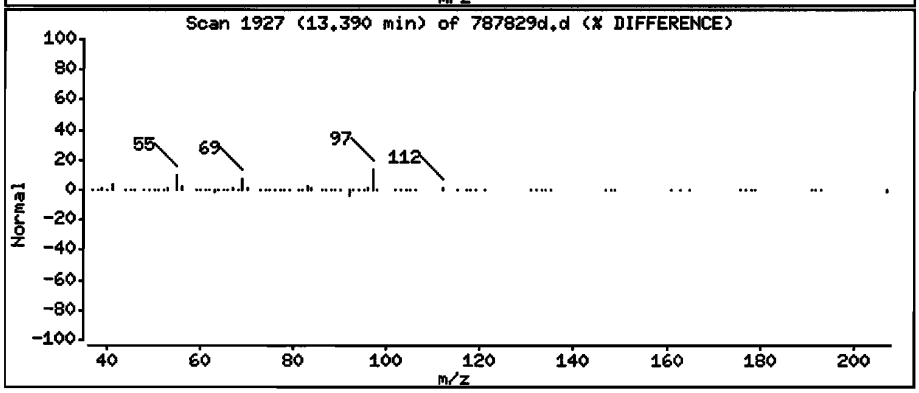
54 Toluene

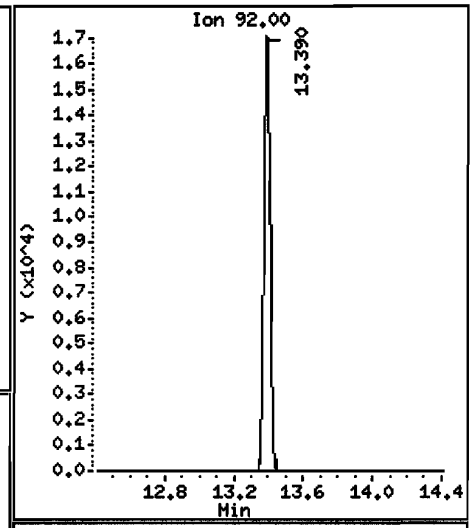
Concentration: 260 ppbv

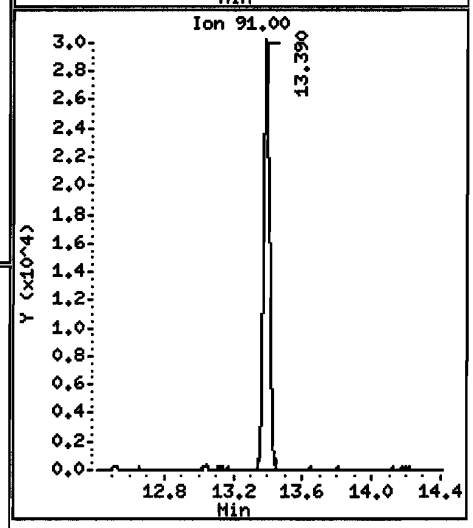












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787829d.d

Date : 13-MAR-2009 15:54

Client ID: VP-22V3N

Instrument: G.i

Sample Info: 20090227VP-22V3N :[ ]02/27/09 @1030(AIR)

Purge Volume: 50.0

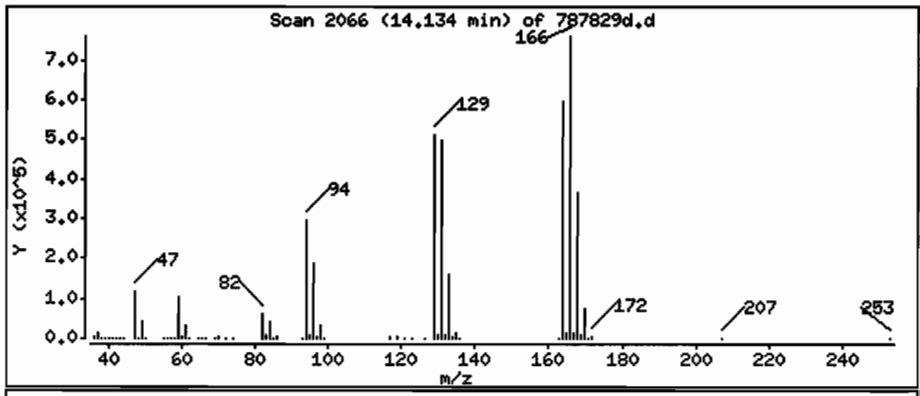
Operator: njr

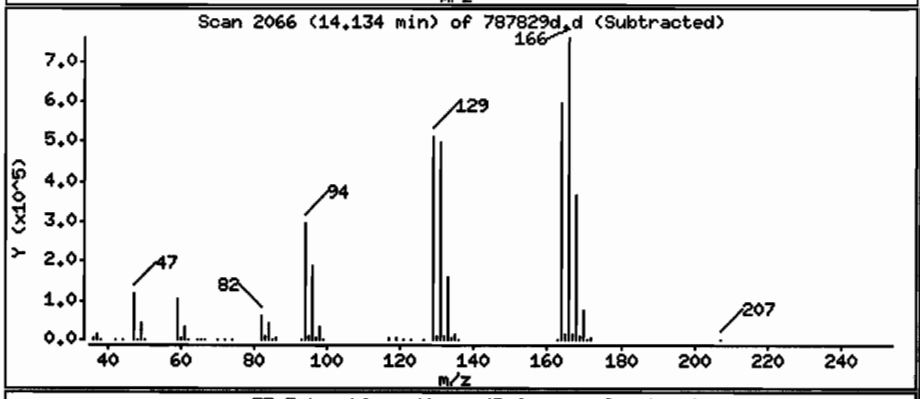
Column phase: RTX-624

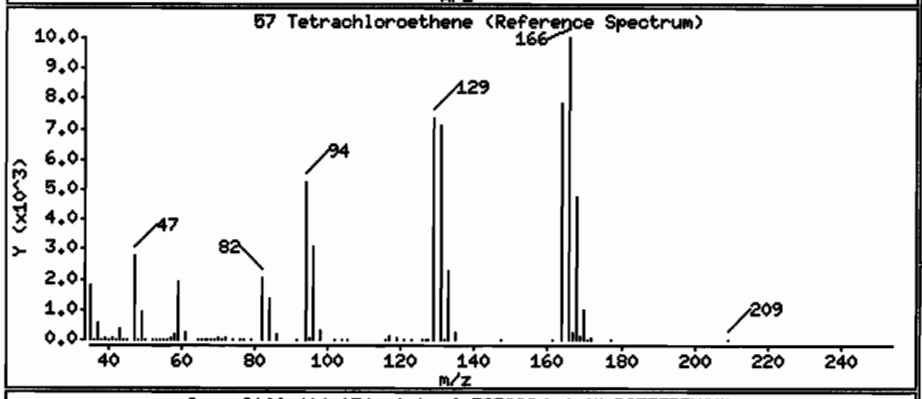
Column diameter: 0.32

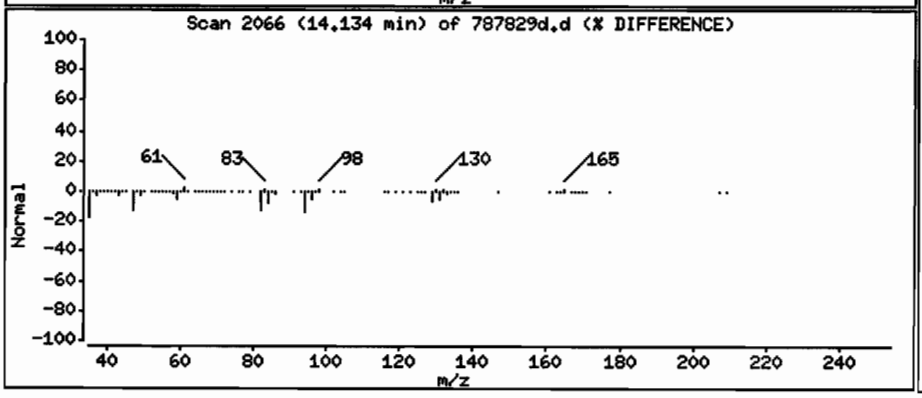
57 Tetrachloroethene

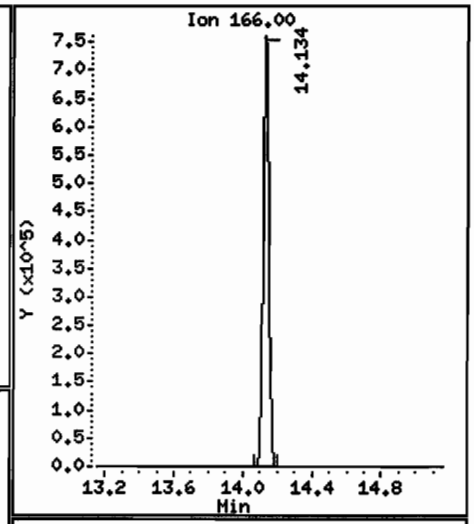
Concentration: 9700 ppbv

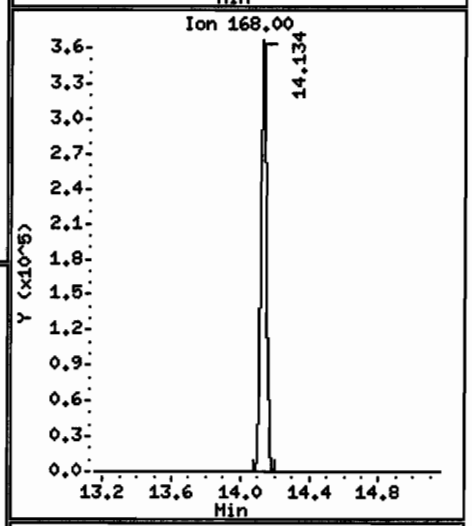


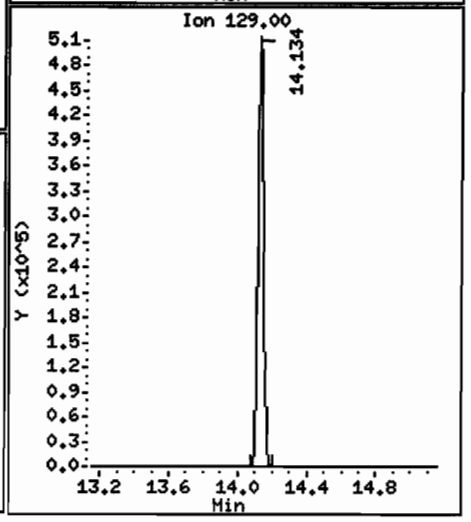












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787829d.d

Date : 13-MAR-2009 15:54

Client ID: VP-22V3N

Instrument: G.i

Sample Info: 20090227VP-22V3N :[ ]02/27/09 @1030(AIR)

Purge Volume: 50.0

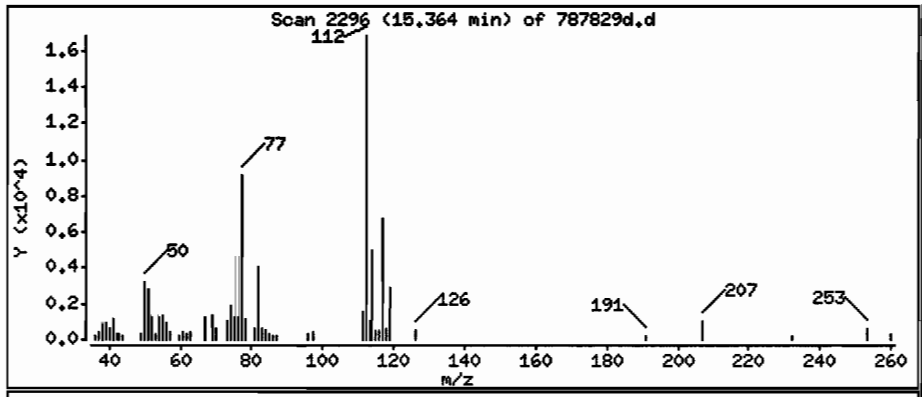
Operator: njr

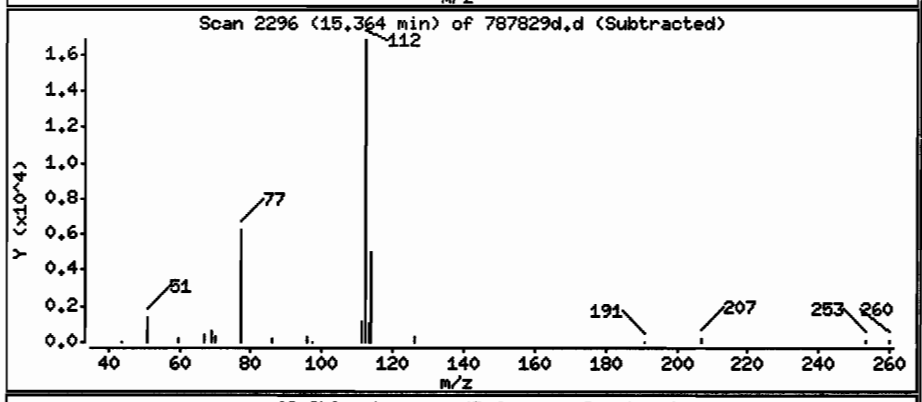
Column phase: RTX-624

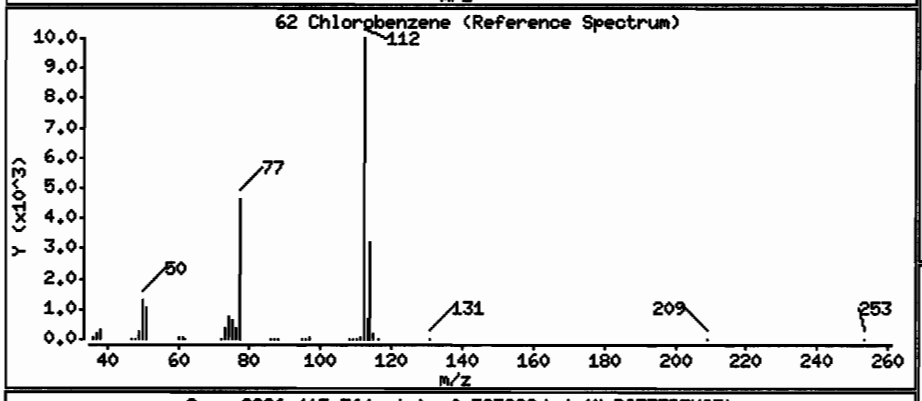
Column diameter: 0.32

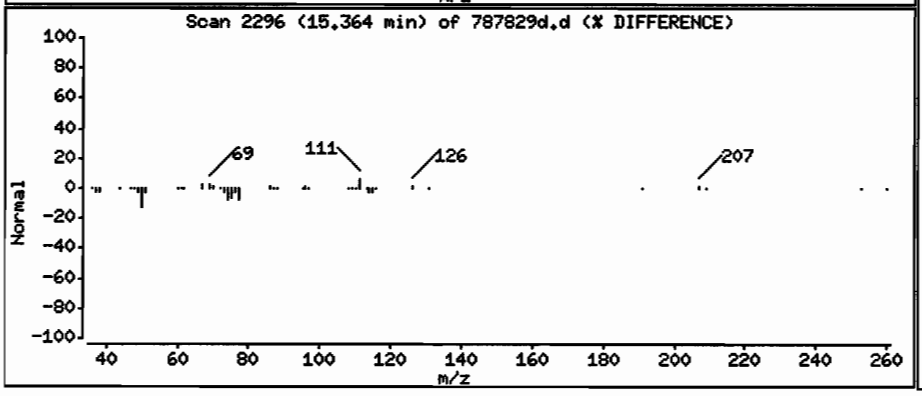
62 Chlorobenzene

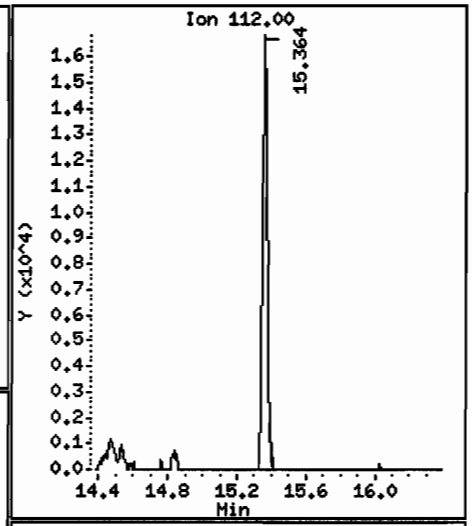
Concentration: 140 ppbv

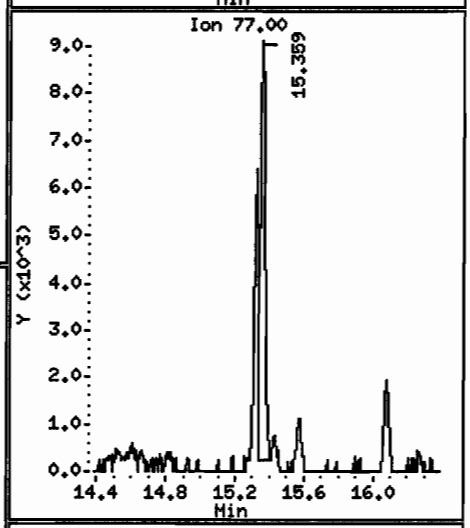


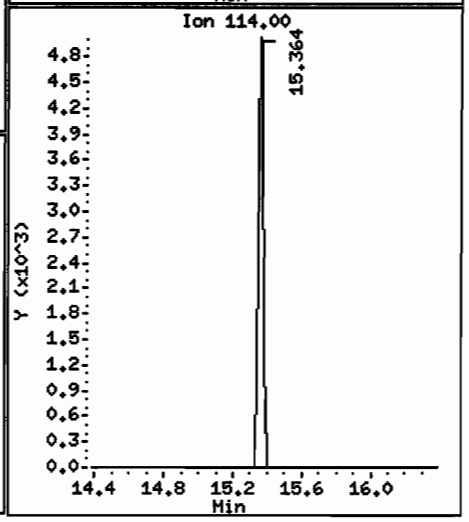












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787829d.d

Date : 13-MAR-2009 15:54

Client ID: VP-22V3N

Instrument: G.i

Sample Info: 20090227VP-22V3N :[ ]02/27/09 @1030(AIR)

Purge Volume: 50.0

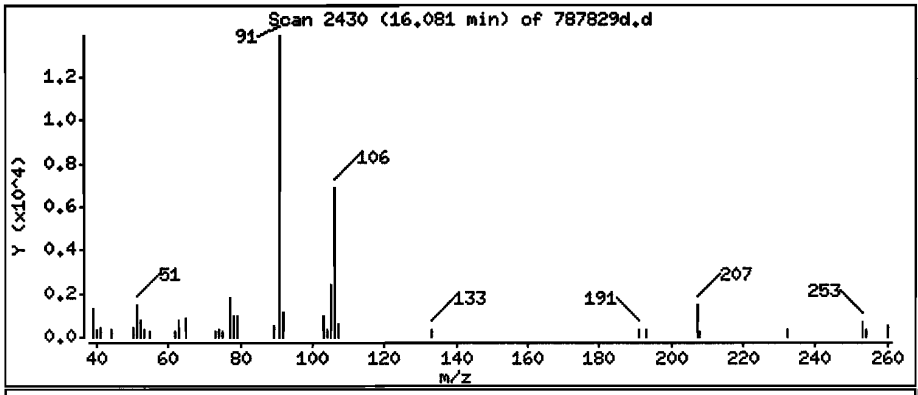
Operator: njr

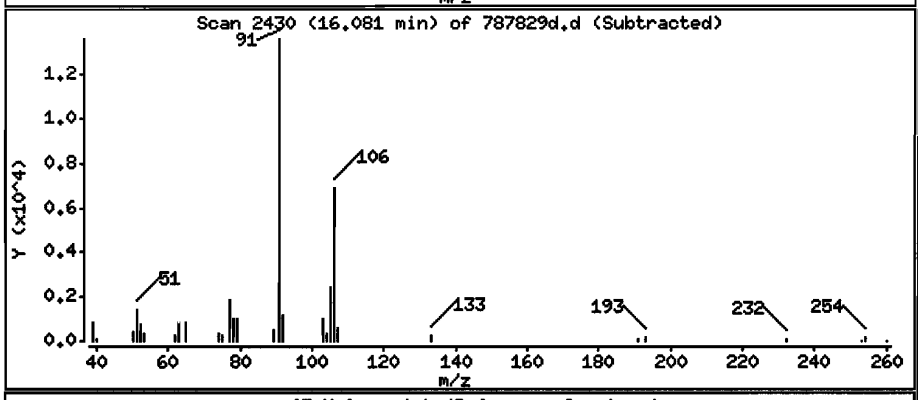
Column phase: RTX-624

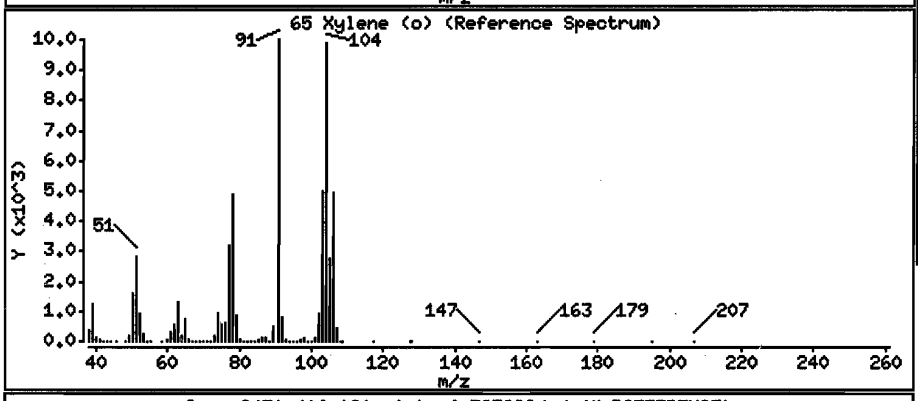
Column diameter: 0.32

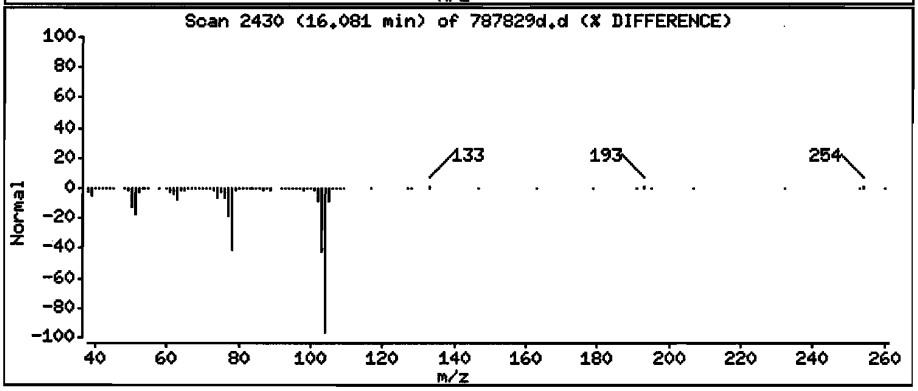
65 Xylene (o)

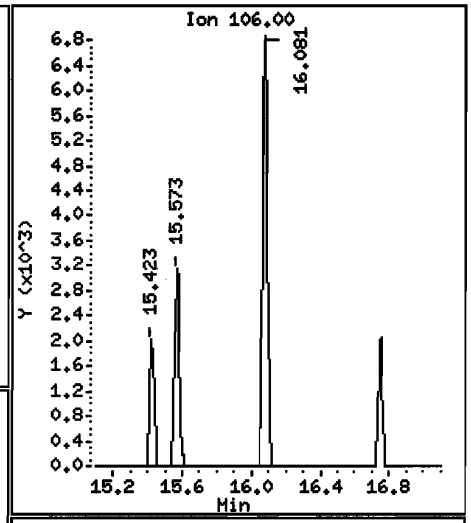
Concentration: 100 ppbv

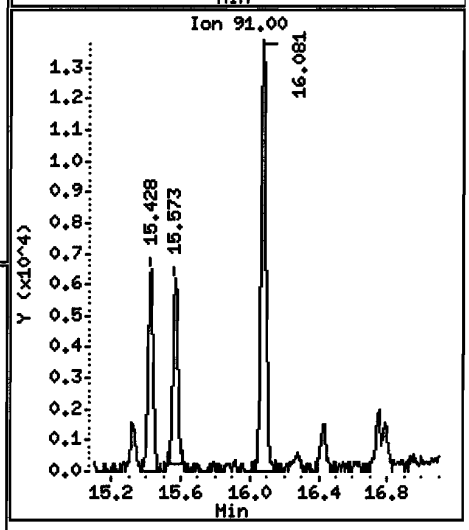












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-23V3.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787828

Sample wt/vol: 27.00 (g/mL) ML Lab File ID: 787828D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 30800.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	15000	U
75-01-4	Vinyl Chloride	6200	U
74-83-9	Bromomethane	6200	U
75-00-3	Chloroethane	15000	U
75-35-4	1,1-Dichloroethene	6200	U
67-64-1	Acetone	150000	U
75-15-0	Carbon Disulfide	15000	U
75-09-2	Methylene Chloride	15000	U
156-60-5	trans-1,2-Dichloroethene	6200	U
75-34-3	1,1-Dichloroethane	6200	U
78-93-3	Methyl Ethyl Ketone	15000	U
156-59-2	cis-1,2-Dichloroethene	6200	U
67-66-3	Chloroform	6200	U
71-55-6	1,1,1-Trichloroethane	6200	U
56-23-5	Carbon Tetrachloride	9500	
71-43-2	Benzene	6200	U
107-06-2	1,2-Dichloroethane	6200	U
79-01-6	Trichloroethene	6200	U
78-87-5	1,2-Dichloropropane	6200	U
75-27-4	Bromodichloromethane	6200	U
10061-01-5	cis-1,3-Dichloropropene	6200	U
108-10-1	Methyl Isobutyl Ketone	15000	U
108-88-3	Toluene	1100000	
10061-02-6	trans-1,3-Dichloropropene	6200	U
79-00-5	1,1,2-Trichloroethane	6200	U
127-18-4	Tetrachloroethene	6200	U
591-78-6	Methyl Butyl Ketone	15000	U
124-48-1	Dibromochloromethane	6200	U
108-90-7	Chlorobenzene	6200	U
100-41-4	Ethylbenzene	6200	U
1330-20-7	Xylene (m,p)	15000	U
95-47-6	Xylene (o)	6200	U
100-42-5	Styrene	6200	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-23V3.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787828

Sample wt/vol: 27.00 (g/mL) ML Lab File ID: 787828D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 30800.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	6200	U
79-34-5	1,1,2,2-Tetrachloroethane	6200	U

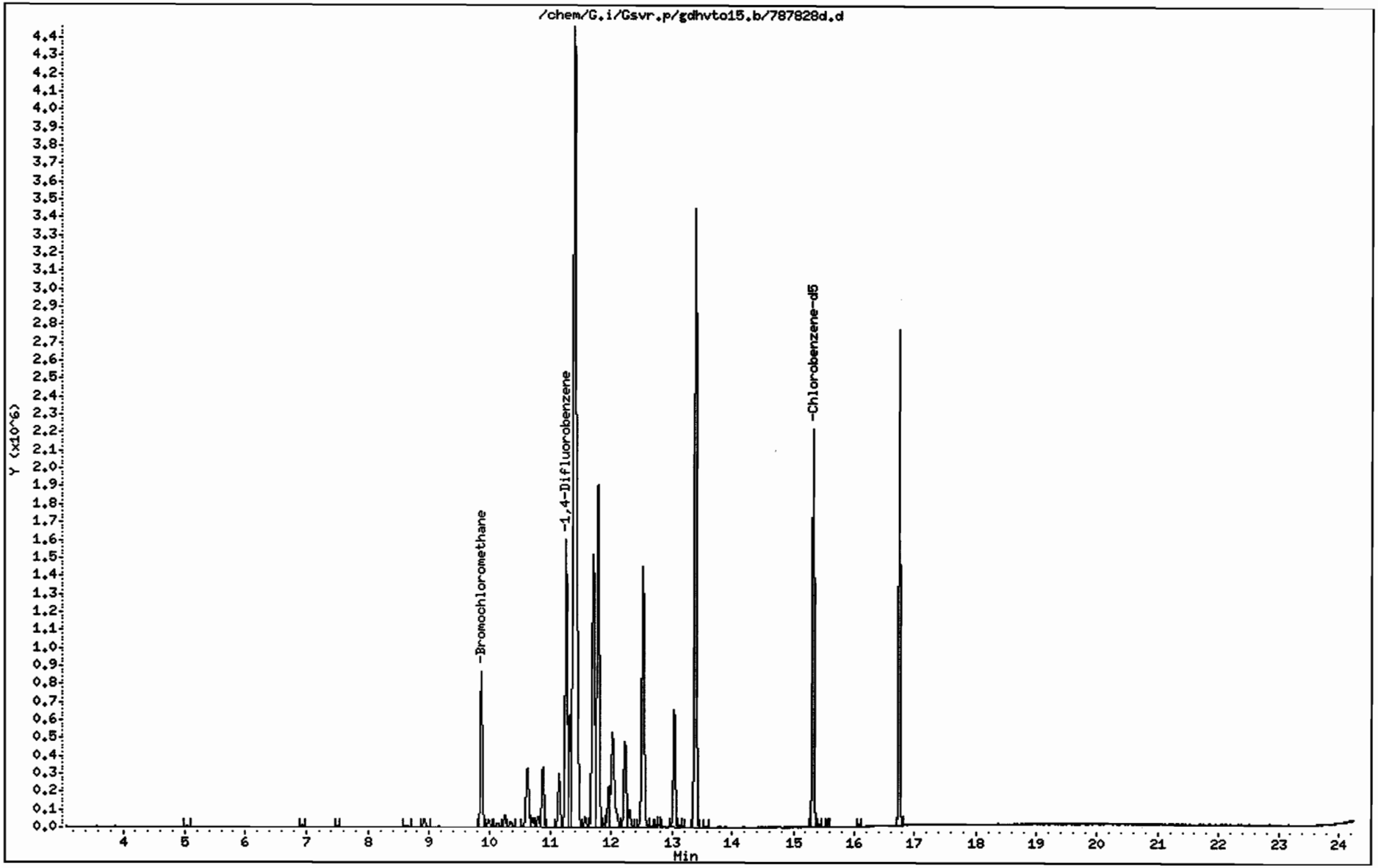
FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787828d.d
Date : 13-MAR-2009 22:22
Client ID: VP-23V3.5N
Sample Info: 20090227VP-23V3.5N :[J02/27/09 @1040(AIR)
Purge Volume: 27.0
Column phase: RTX-624

Page 3

Instrument: G.i

Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/787828d.d
Lab Smp Id: 787828 Client Smp ID: VP-23V3.5N
Inj Date : 13-MAR-2009 22:22
Operator : njr Inst ID: G.i
Smp Info : 20090227VP-23V3.5N :[ ]02/27/09 @1040(AIR)
Misc Info : 787828;031209GA;30800;27;cdf 4160
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 1
Dil Factor: 30800.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	30800.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	27.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
4 Chloromethane	50	Compound Not Detected.						
6 Vinyl Chloride	62	Compound Not Detected.						
9 Bromomethane	94	Compound Not Detected.						
10 Chloroethane	64	Compound Not Detected.						
18 1,1-Dichloroethene	96	Compound Not Detected.						
19 Acetone	43	Compound Not Detected.						
21 Carbon Disulfide	76	Compound Not Detected.						
24 Methylene Chloride	49	Compound Not Detected.						
27 trans-1,2-Dichloroethene	61	Compound Not Detected.						
29 1,1-Dichloroethane	63	Compound Not Detected.						
30 Methyl Ethyl Ketone	72	Compound Not Detected.						
31 cis-1,2-Dichloroethene	96	Compound Not Detected.						
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	335182	10.0000		(Q)
34 Chloroform	83	Compound Not Detected.						
35 1,1,1-Trichloroethane	97	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	10.352	10.378	(0.920)	26773	0.30827	9500
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1738220	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.390	13.412	(0.874)	2024249	35.1410	1100000
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.322	15.348	(1.000)	1588674	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	Compound Not Detected.					
65 Xylene (o)	106	Compound Not Detected.					
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787828d.d

Date : 13-MAR-2009 22:22

Client ID: VP-23V3.5N

Instrument: G.i

Sample Info: 20090227VP-23V3.5N :[ ]02/27/09 @1040(AIR)

Purge Volume: 27.0

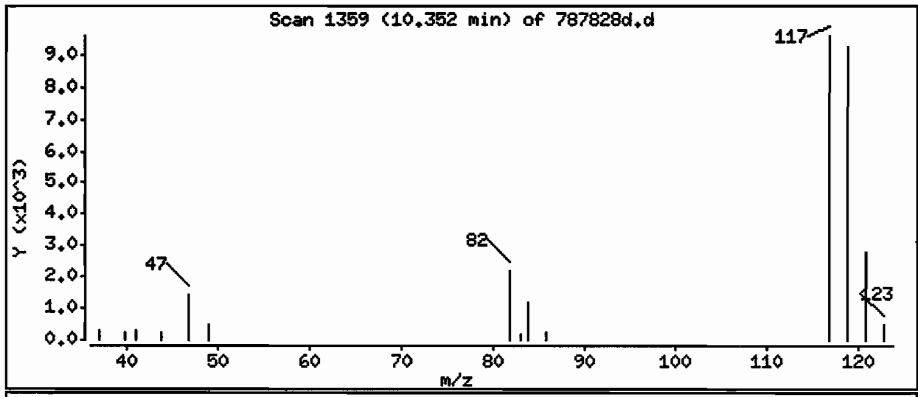
Operator: njr

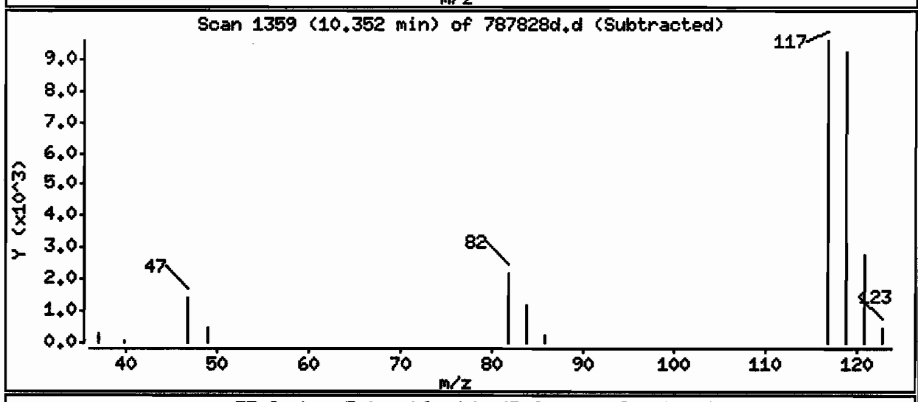
Column phase: RTX-624

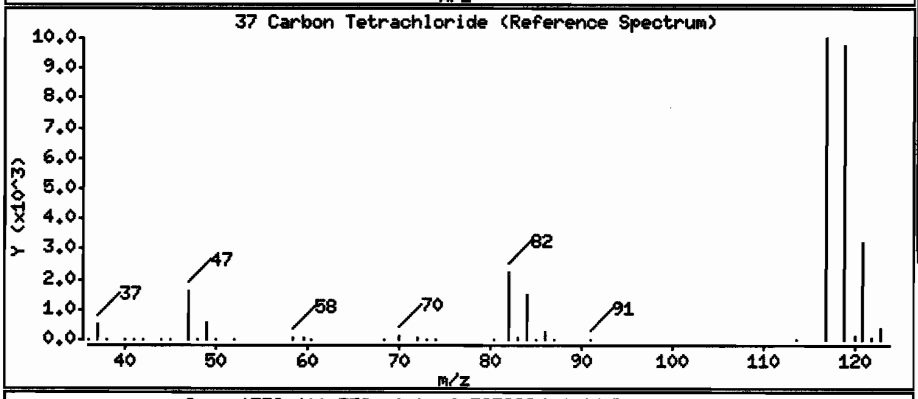
Column diameter: 0.32

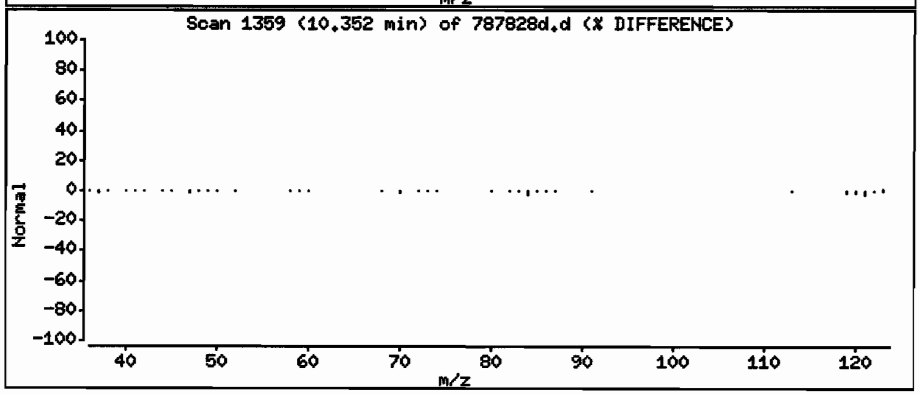
37 Carbon Tetrachloride

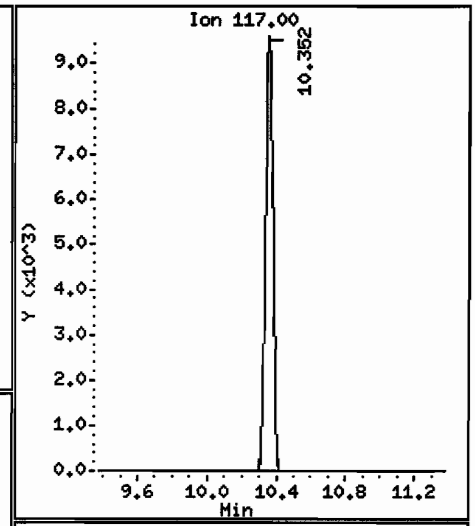
Concentration: 9500 ppbv

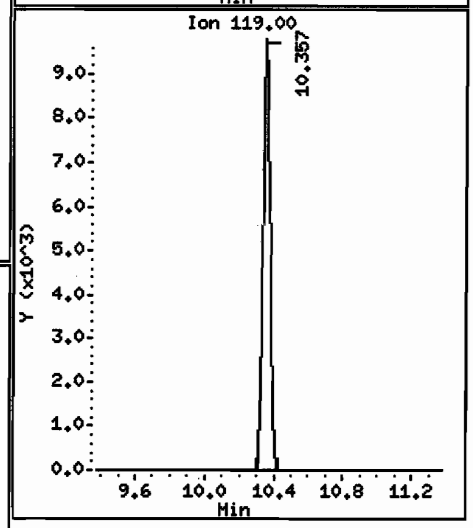












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787828d.d

Date : 13-MAR-2009 22:22

Client ID: VP-23V3.5N

Instrument: G.i

Sample Info: 20090227VP-23V3.5N :[ ]02/27/09 @1040(AIR)

Purge Volume: 27.0

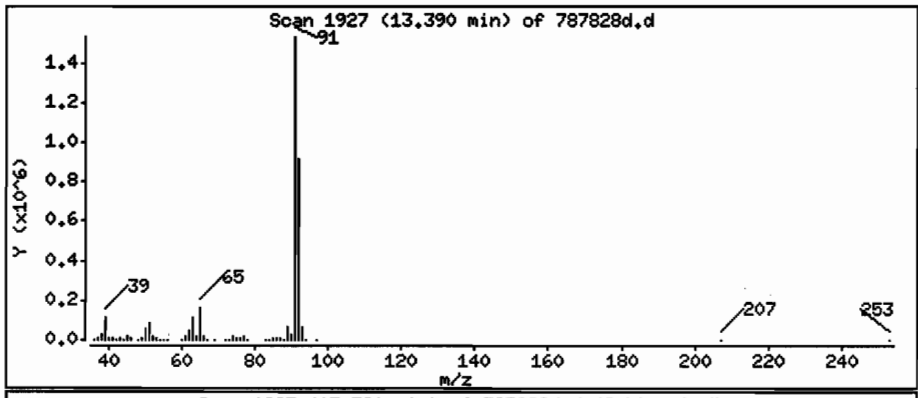
Operator: njr

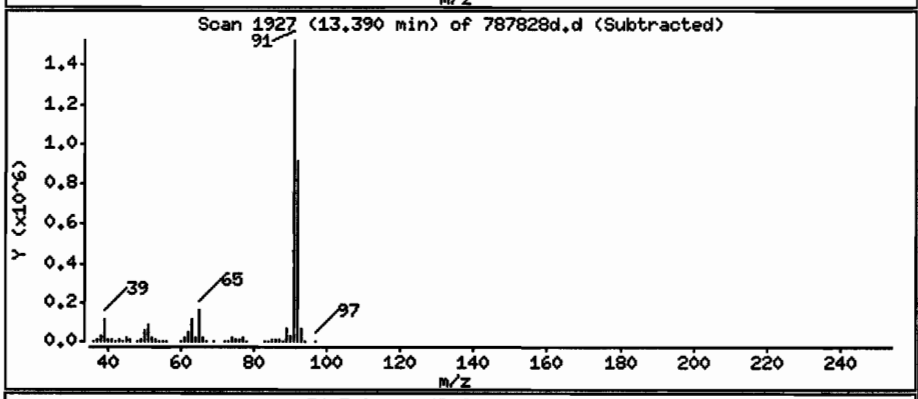
Column phase: RTX-624

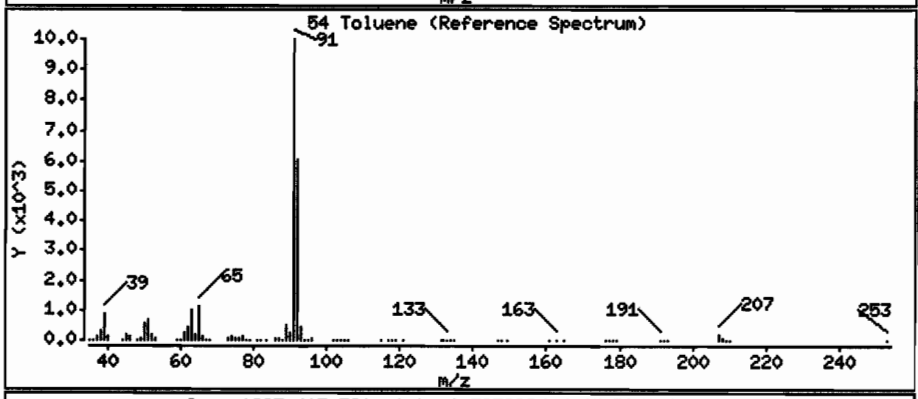
Column diameter: 0.32

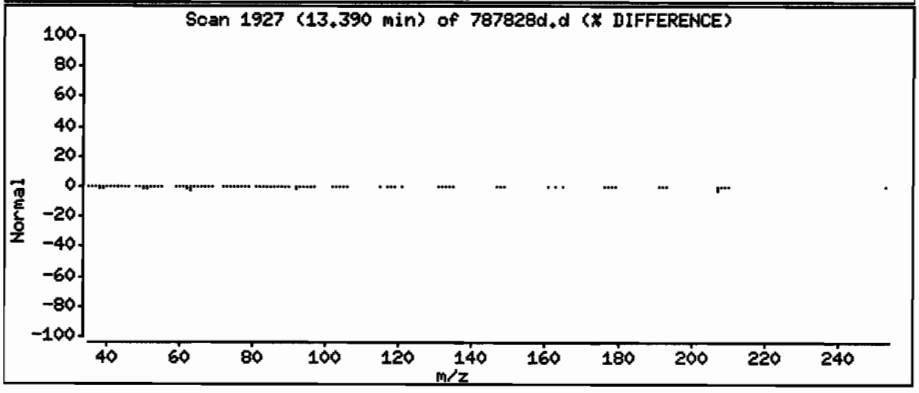
54 Toluene

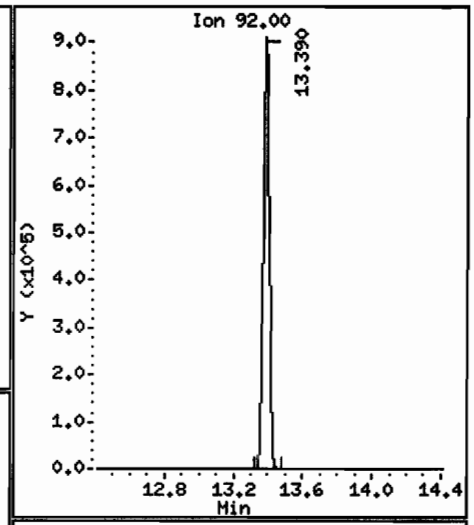
Concentration: 1100000 ppbv

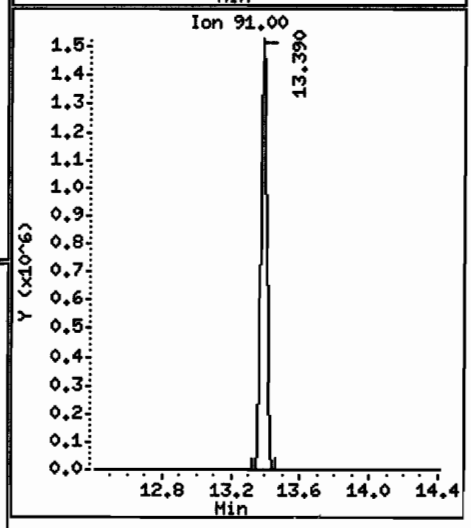












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-24V4N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787831

Sample wt/vol: 52.00 (g/mL) ML Lab File ID: 787831D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	2.5	U
75-01-4	Vinyl Chloride	14	
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	2.5	U
75-35-4	1,1-Dichloroethene	1.0	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	13	
75-09-2	Methylene Chloride	2.5	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	Methyl Ethyl Ketone	2.5	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	2.0	
107-06-2	1,2-Dichloroethane	22	
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-10-1	Methyl Isobutyl Ketone	2.5	U
108-88-3	Toluene	18	
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
591-78-6	Methyl Butyl Ketone	2.5	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.4	
1330-20-7	Xylene (m,p)	3.6	
95-47-6	Xylene (o)	1.1	
100-42-5	Styrene	1.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-24V4N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787831

Sample wt/vol: 52.00 (g/mL) ML Lab File ID: 787831D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787831d.d

Date : 12-MAR-2009 20:32

Client ID: VP-24V4N

Sample Info: 20090304VP-24V4N :[ ]03/04/09 @1020(AIR)

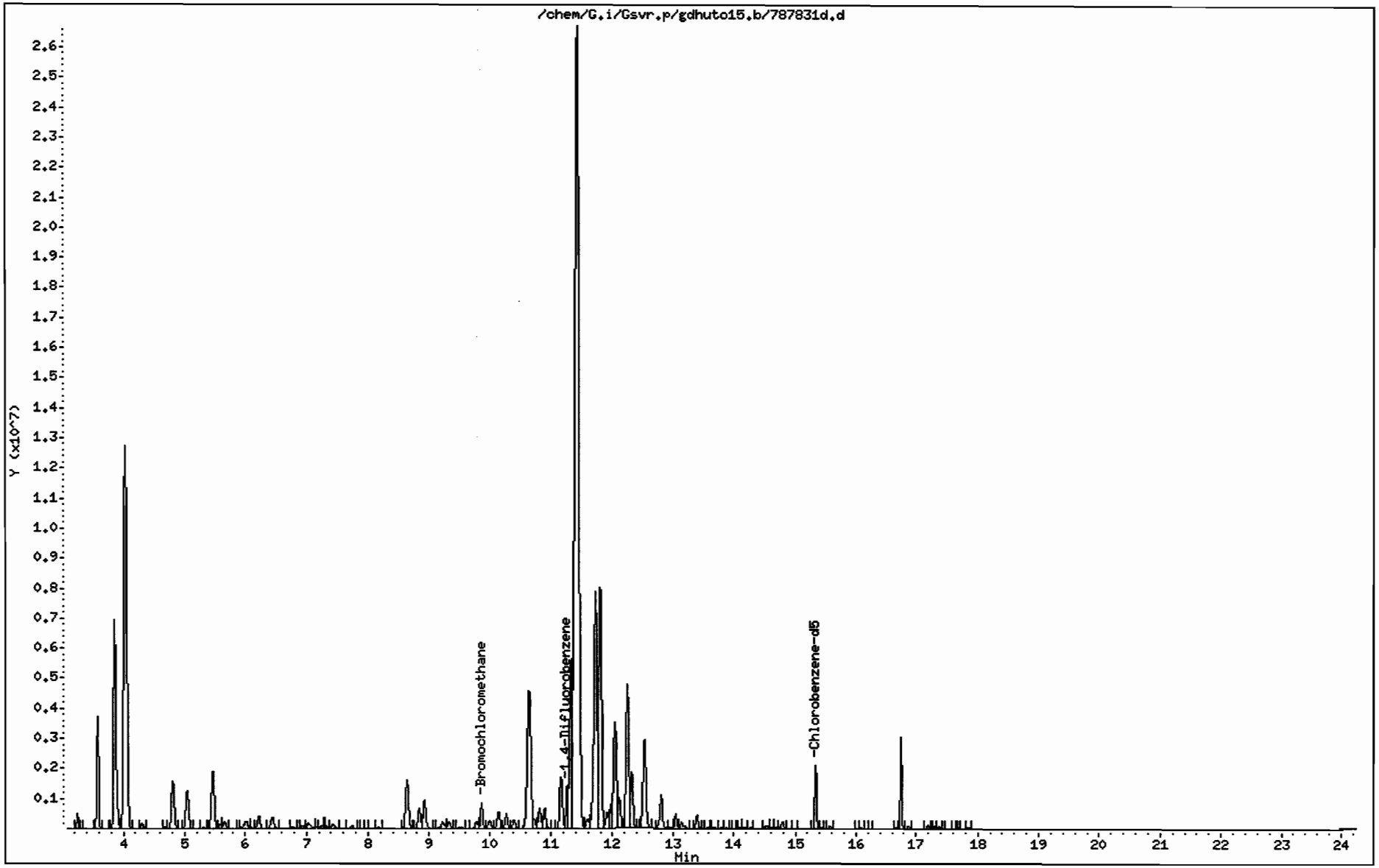
Purge Volume: 52.0

Column phase: RTX-624

Instrument: G.i

Operator: njr

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/787831d.d
Lab Smp Id: 787831 Client Smp ID: VP-24V4N
Inj Date : 12-MAR-2009 20:32
Operator : njr Inst ID: G.i
Smp Info : 20090304VP-24V4N :[ ]03/04/09 @1020(AIR)
Misc Info : 787831;031209GA;5.04;52;cdf1.31
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 15
Dil Factor: 5.04000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	5.04000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	52.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.937	3.943	(0.399)	53679	2.72725	14
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	6.939	6.944	(0.703)	176594	2.63383	13
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.876	9.892	(1.000)	313407	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	10.705	10.732	(0.951)	28613	0.39623	2.0(M)
41 1,2-Dichloroethane	62	10.833	10.860	(0.962)	160187	4.40350	22(Q)
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1443178	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.401	13.412	(0.874)	193042	3.57706	18
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1488367	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	15.428	15.450	(1.007)	33333	0.27908	1.4
64 Xylene (m,p)	106	15.573	15.594	(1.016)	32368	0.70680	3.6
65 Xylene (o)	106	16.081	16.103	(1.049)	9855	0.22099	1.1
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787831d.d

Date : 12-MAR-2009 20:32

Client ID: VP-24V4N

Instrument: G.i

Sample Info: 20090304VP-24V4N :[ ]03/04/09 @1020(AIR)

Purge Volume: 52.0

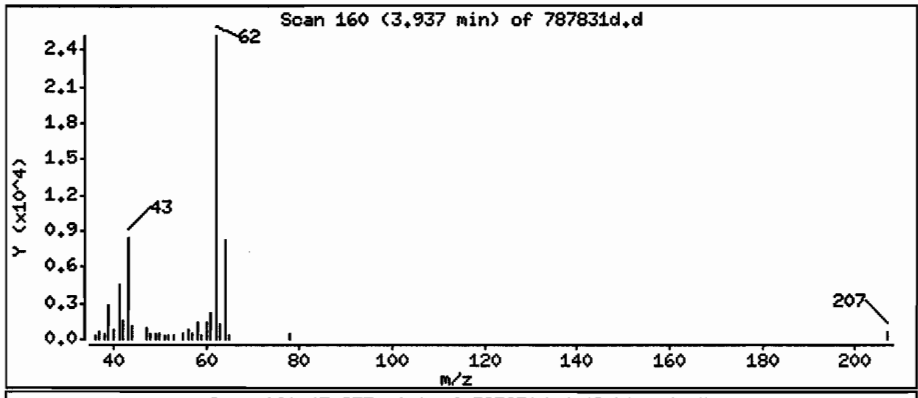
Operator: njr

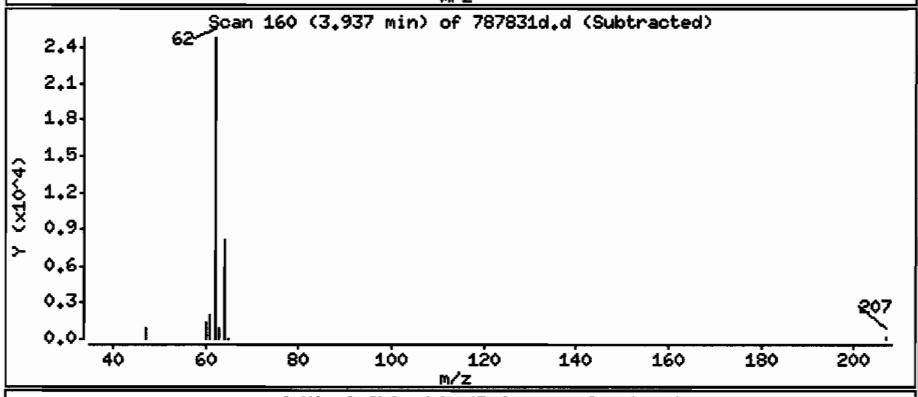
Column phase: RTX-624

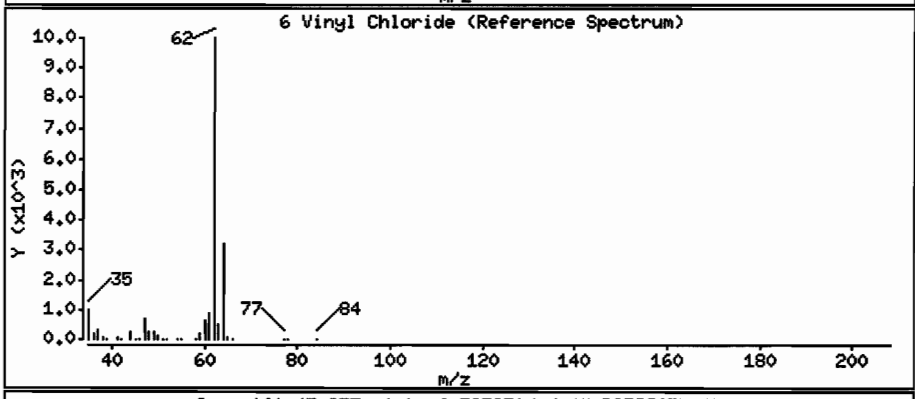
Column diameter: 0.32

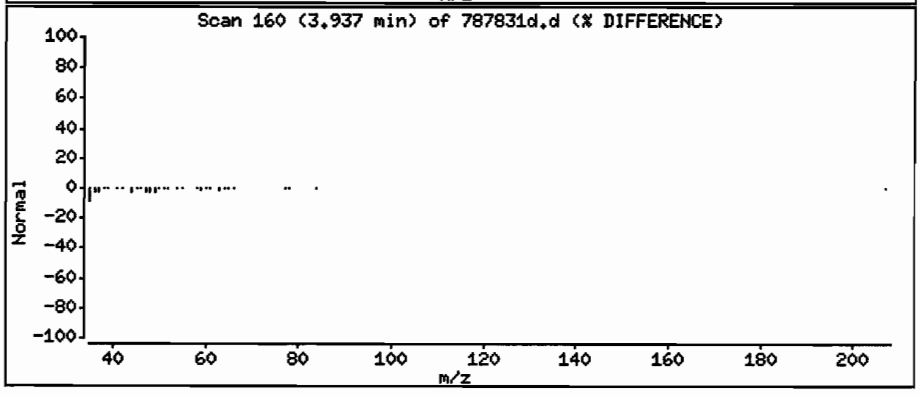
6 Vinyl Chloride

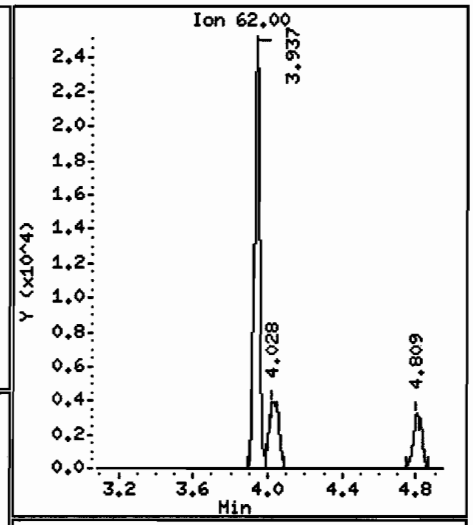
Concentration: 14 ppbv

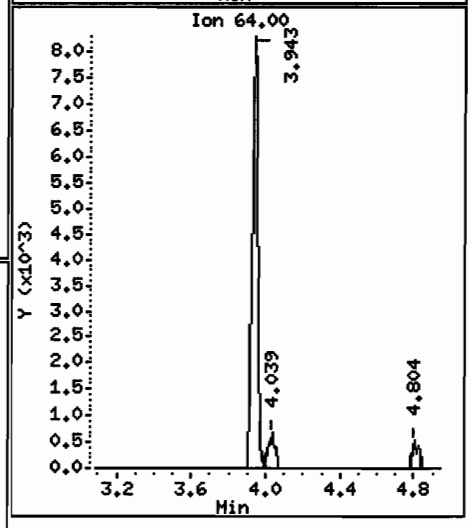












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787831d.d

Date : 12-MAR-2009 20:32

Client ID: VP-24V4N

Instrument: G.i

Sample Info: 20090304VP-24V4N :[103/04/09 @1020(AIR)

Purge Volume: 52.0

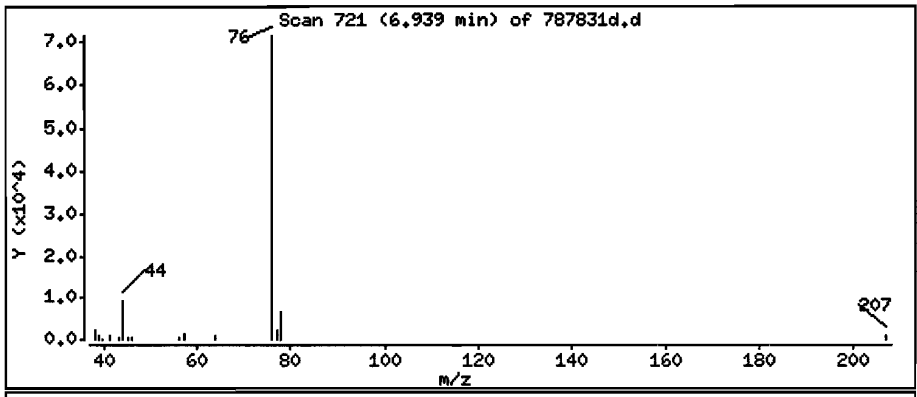
Operator: njr

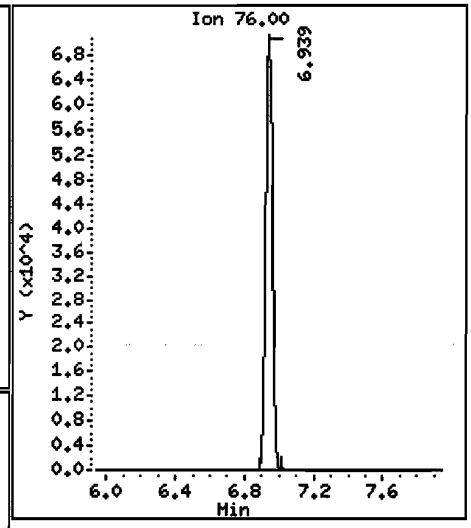
Column phase: RTX-624

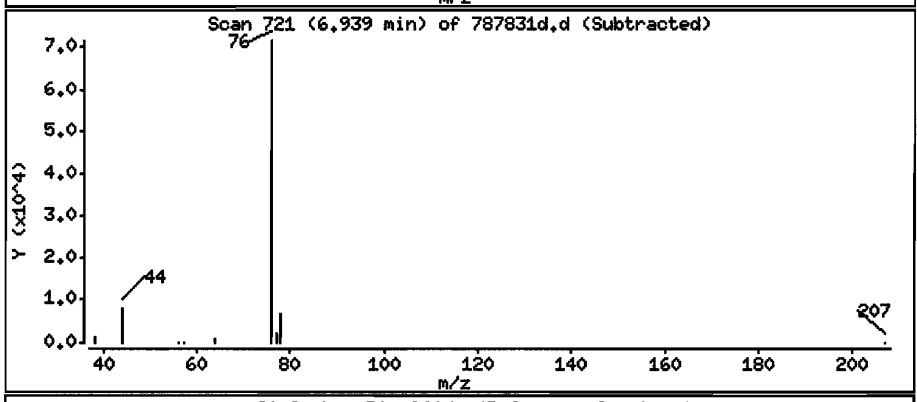
Column diameter: 0.32

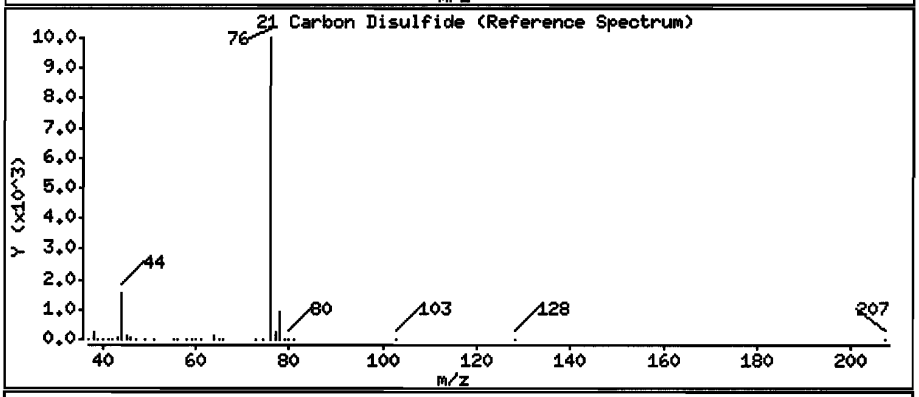
21 Carbon Disulfide

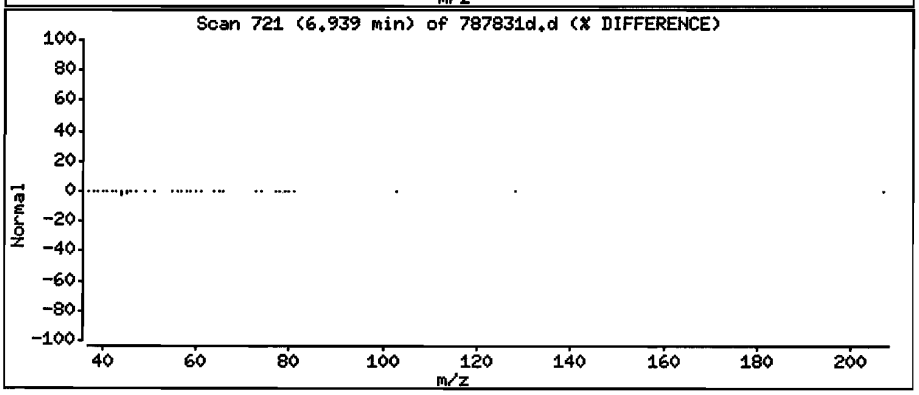
Concentration: 13 ppbv











Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787831d.d

Date : 12-MAR-2009 20:32

Client ID: VP-24V4N

Instrument: G.i

Sample Info: 20090304VP-24V4N :[ ]03/04/09 @1020(AIR)

Purge Volume: 52.0

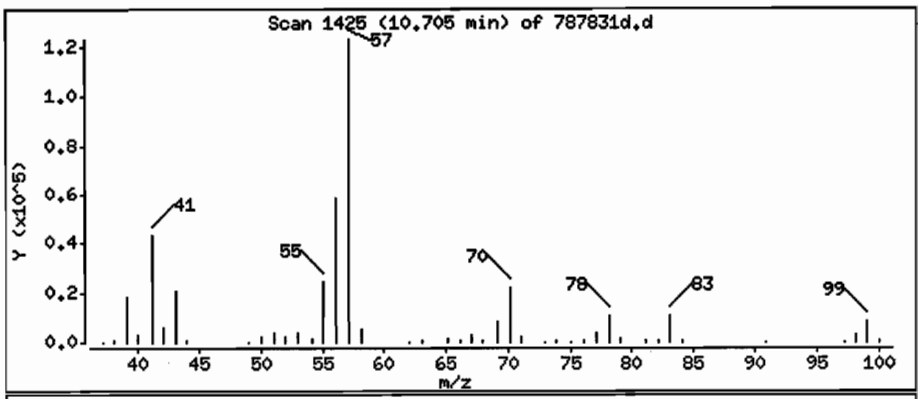
Operator: njr

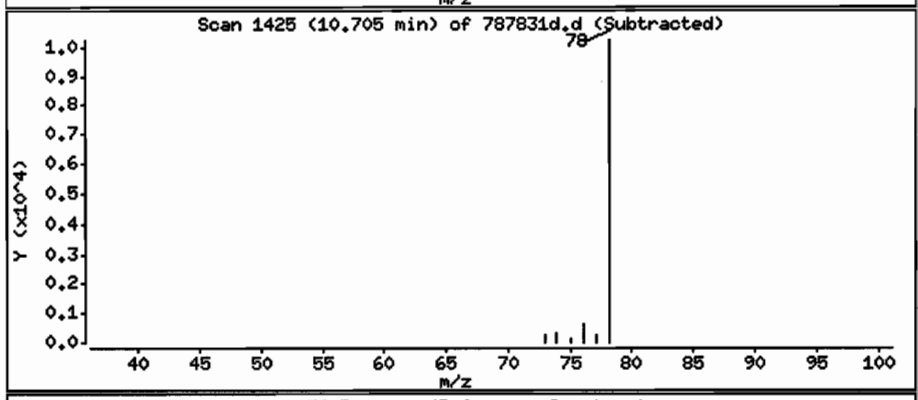
Column phase: RTX-624

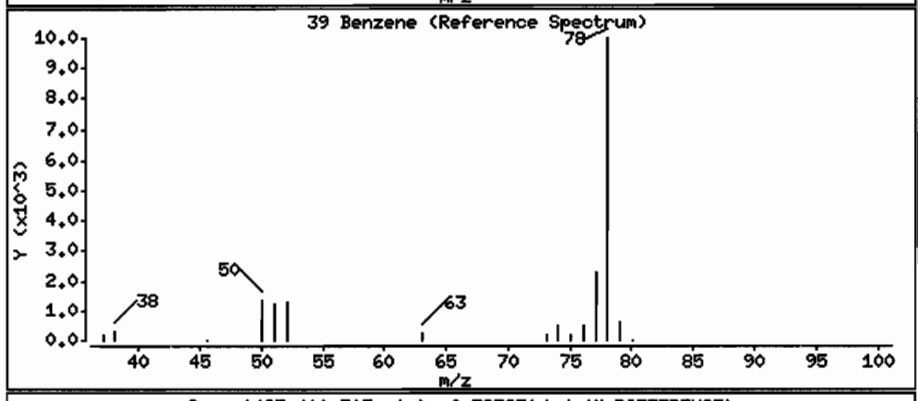
Column diameter: 0.32

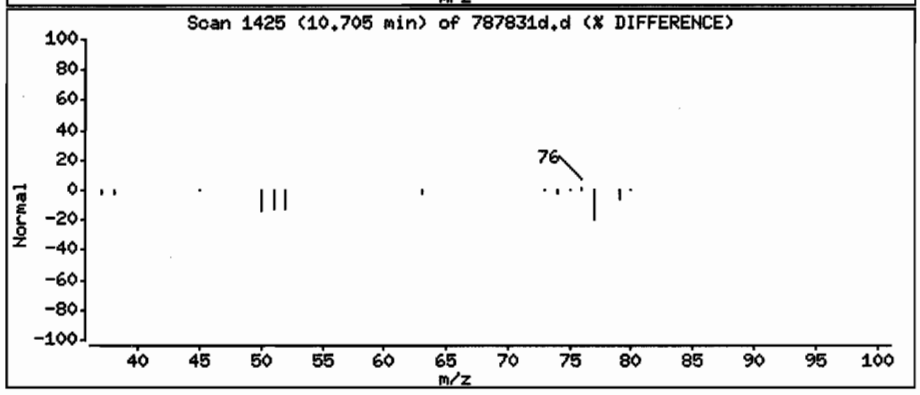
39 Benzene

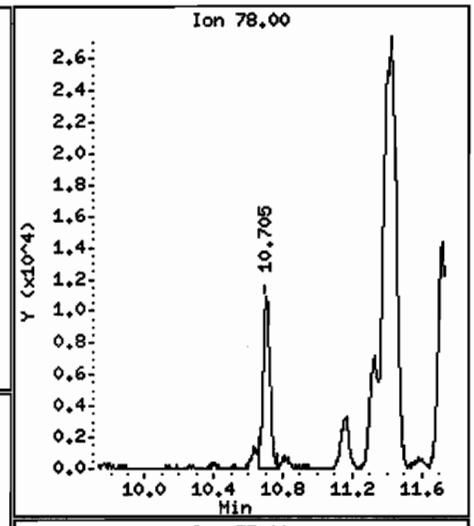
Concentration: 2.0 ppbv

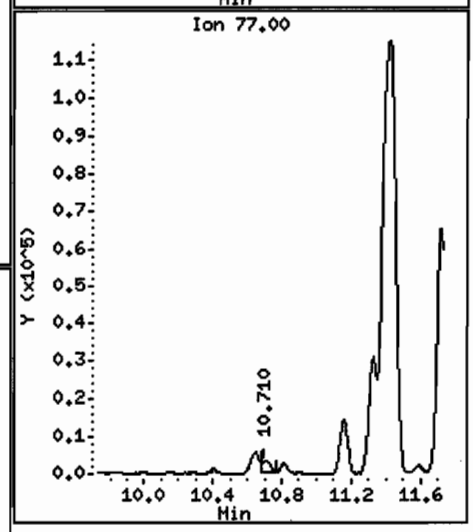












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787831d.d

Date : 12-MAR-2009 20:32

Client ID: VP-24V4N

Instrument: G.i

Sample Info: 20090304VP-24V4N :[ ]03/04/09 @1020(AIR)

Purge Volume: 52.0

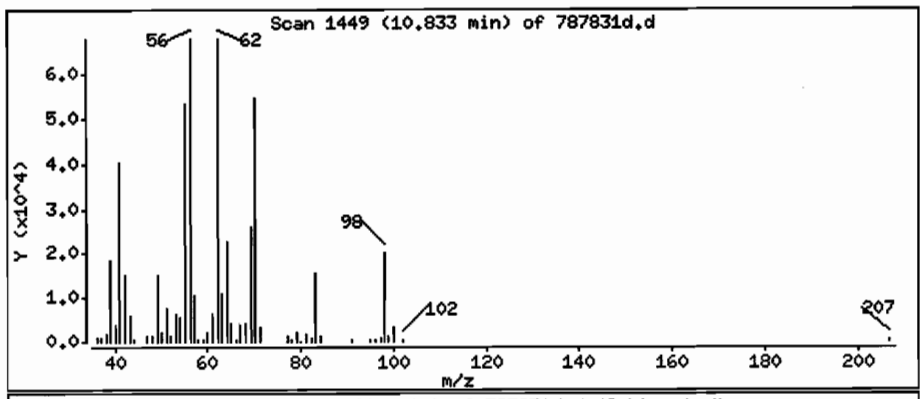
Operator: njr

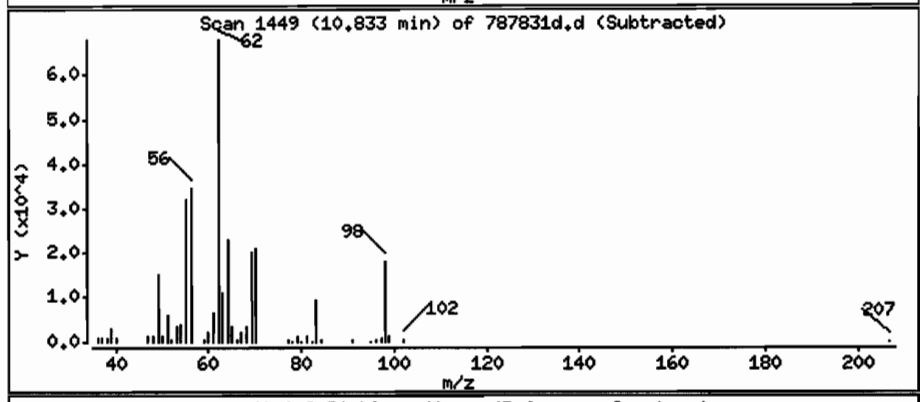
Column phase: RTX-624

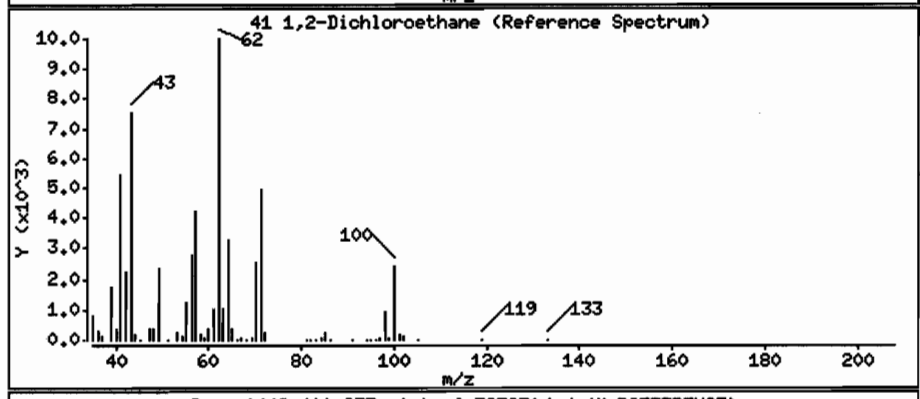
Column diameter: 0.32

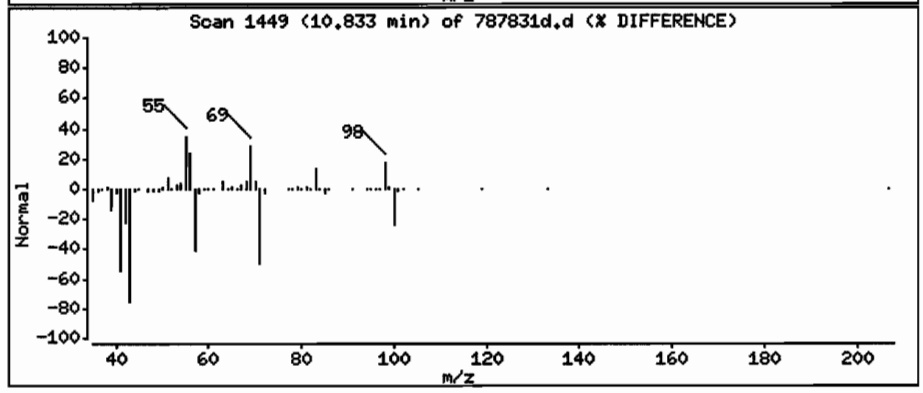
41 1,2-Dichloroethane

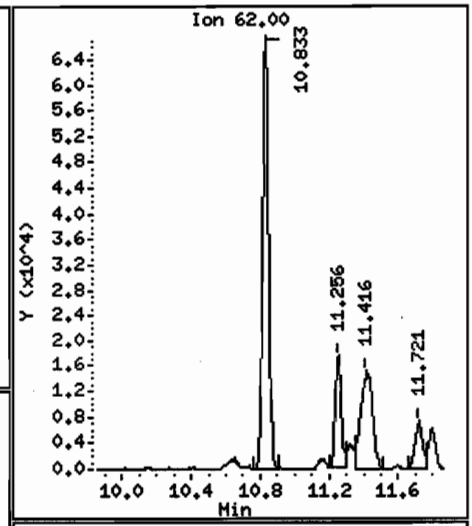
Concentration: 22 ppbv

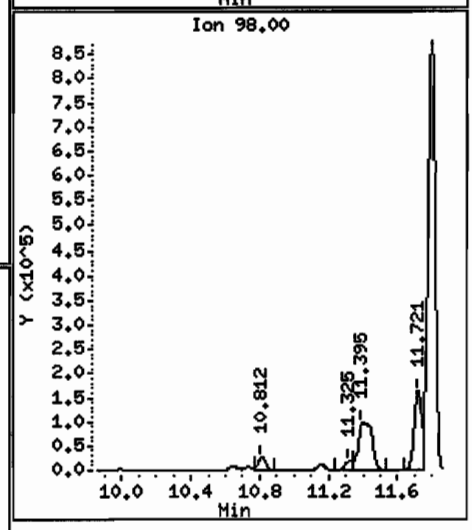












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787831d.d

Date : 12-MAR-2009 20:32

Client ID: VP-24V4N

Instrument: G.i

Sample Info: 20090304VP-24V4N :[ ]03/04/09 @1020(AIR)

Purge Volume: 52.0

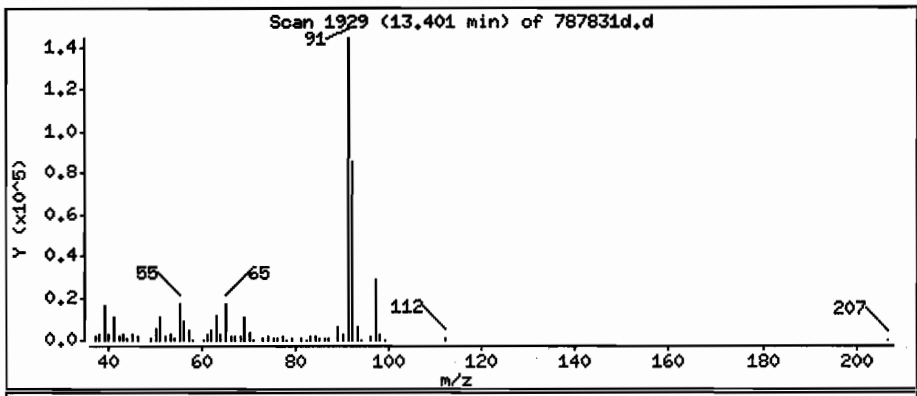
Operator: njr

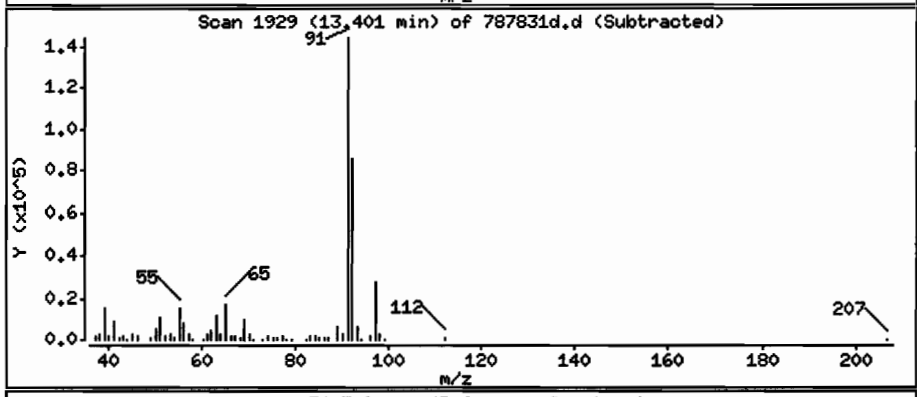
Column phase: RTX-624

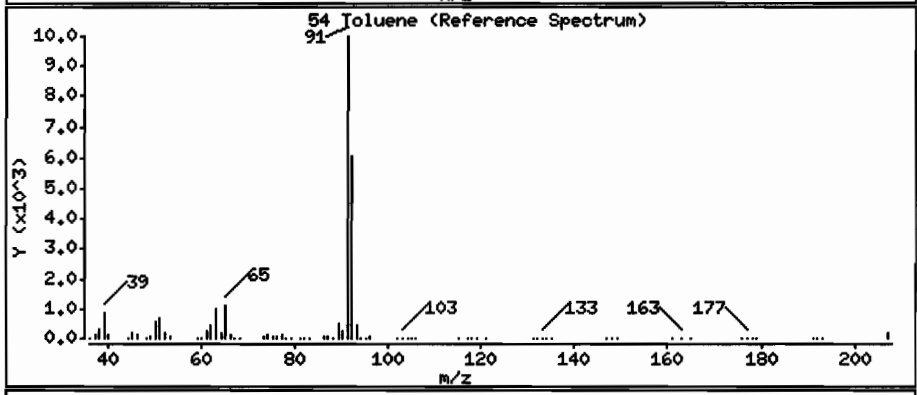
Column diameter: 0.32

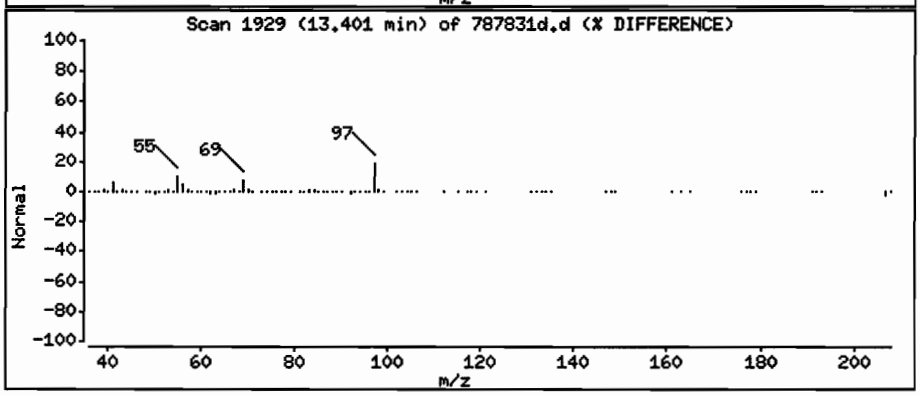
54 Toluene

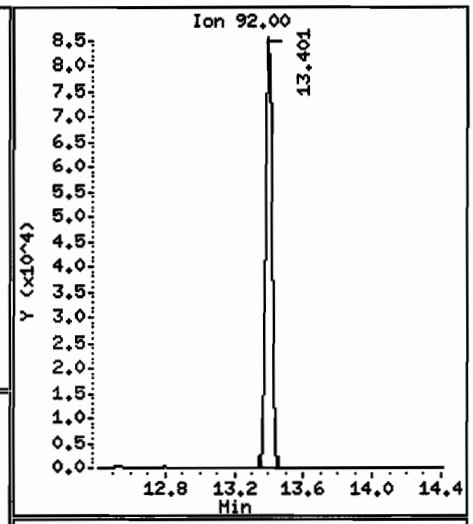
Concentration: 18 ppbv

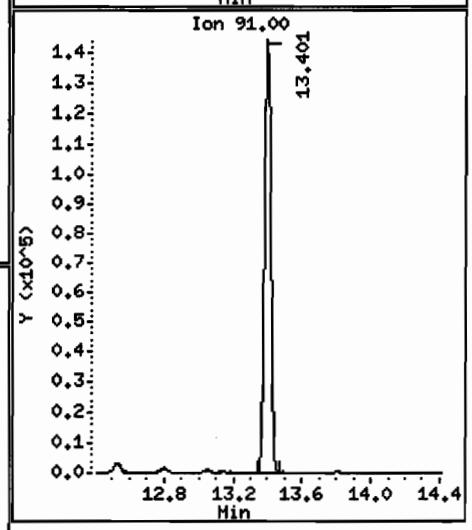












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787831d.d

Date : 12-MAR-2009 20:32

Client ID: VP-24V4N

Instrument: G.i

Sample Info: 20090304VP-24V4N :[ ]03/04/09 @1020(AIR)

Purge Volume: 52.0

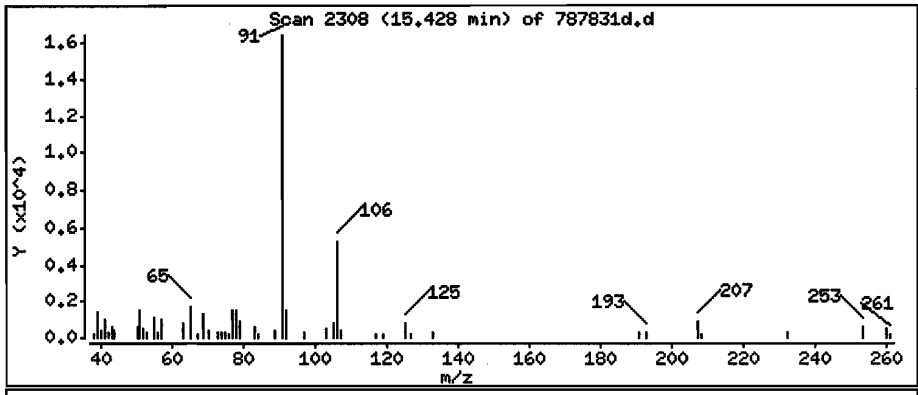
Operator: njr

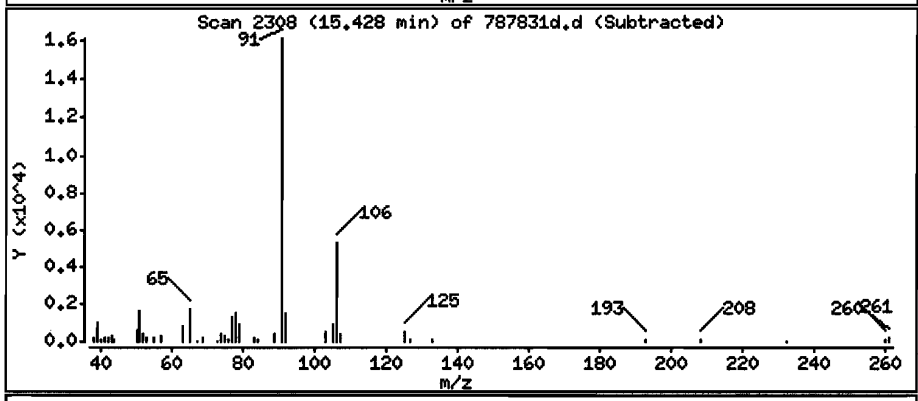
Column phase: RTX-624

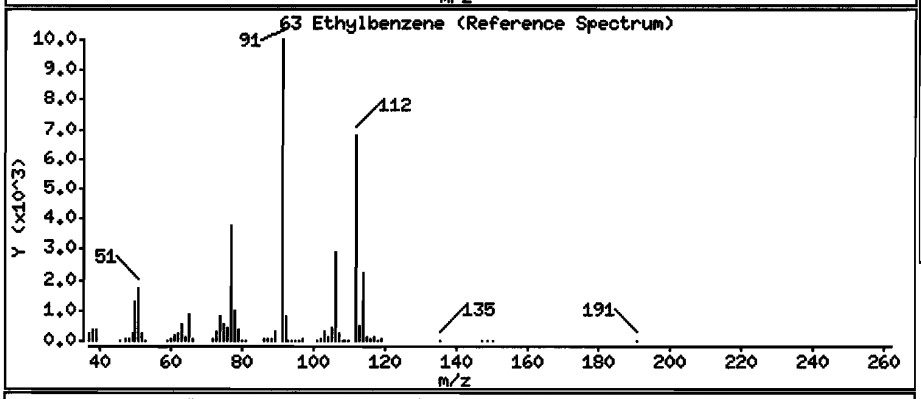
Column diameter: 0.32

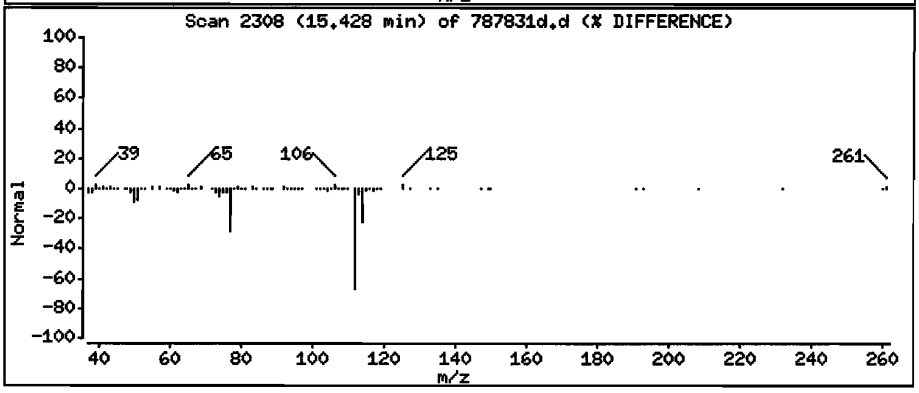
63 Ethylbenzene

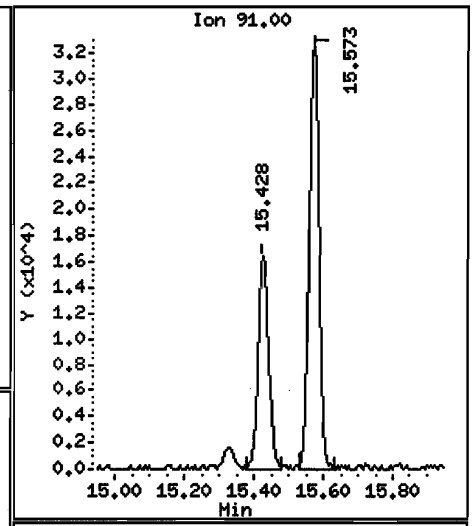
Concentration: 1.4 ppbv

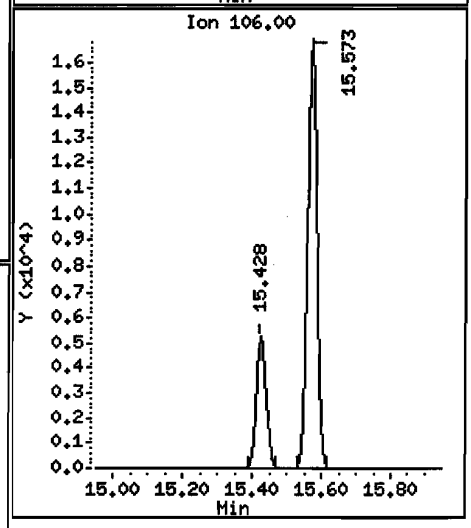












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787831d.d

Date : 12-MAR-2009 20:32

Client ID: VP-24V4N

Instrument: G.i

Sample Info: 20090304VP-24V4N :[ ]03/04/09 @1020(AIR)

Purge Volume: 52.0

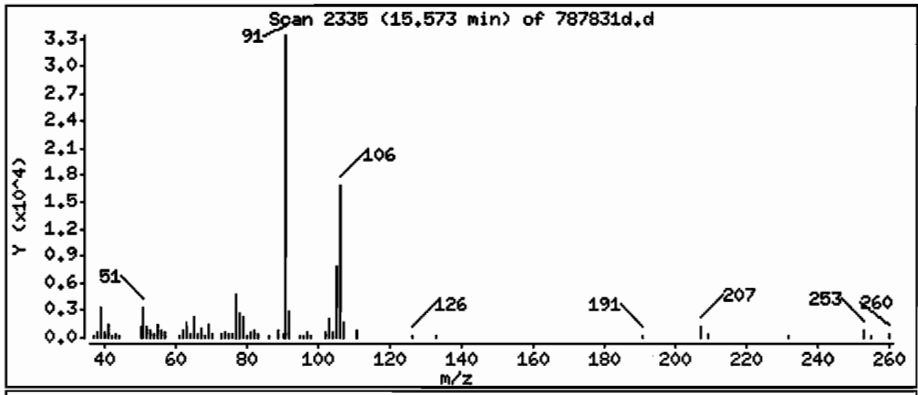
Operator: njr

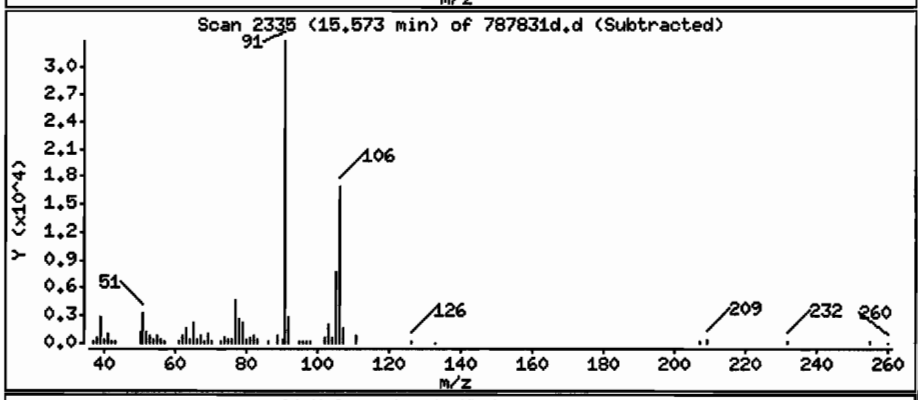
Column phase: RTX-624

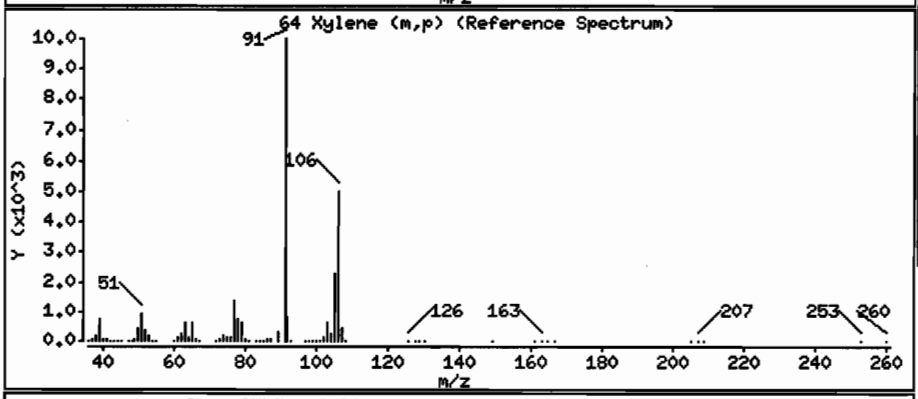
Column diameter: 0.32

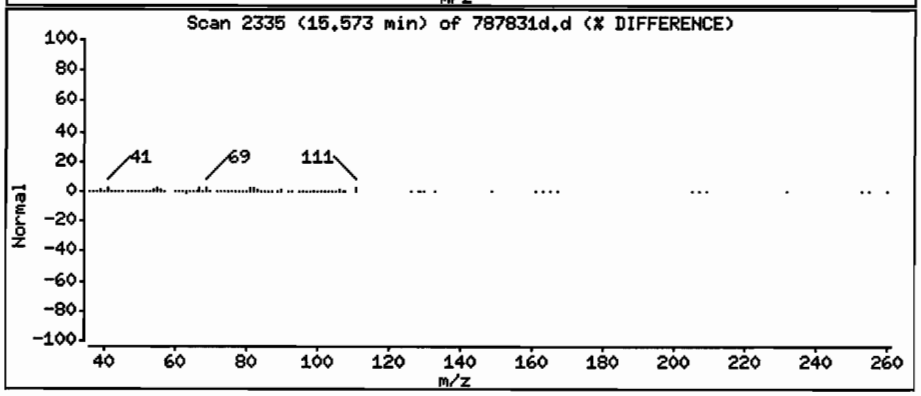
64 Xylene (m,p)

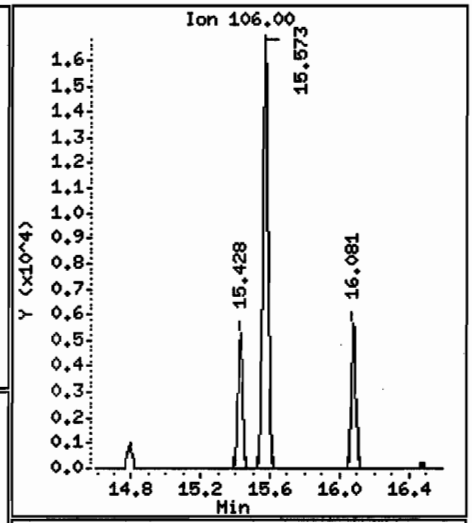
Concentration: 3.6 ppbv

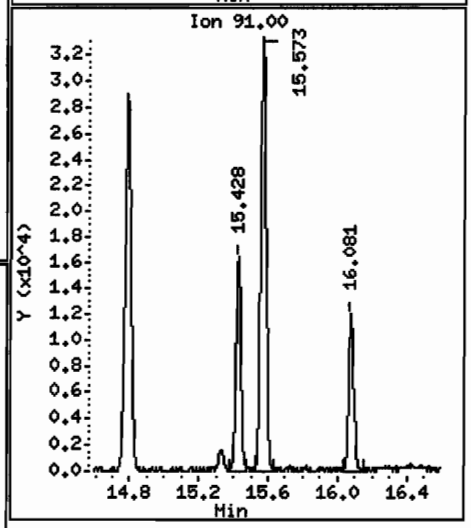












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787831d.d

Date : 12-MAR-2009 20:32

Client ID: VP-24V4N

Instrument: G.i

Sample Info: 20090304VP-24V4N :[ ]03/04/09 @1020(AIR)

Purge Volume: 52.0

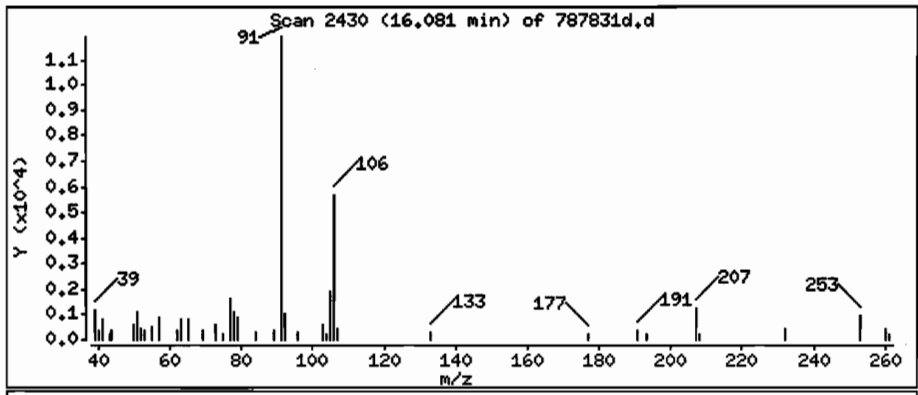
Operator: njr

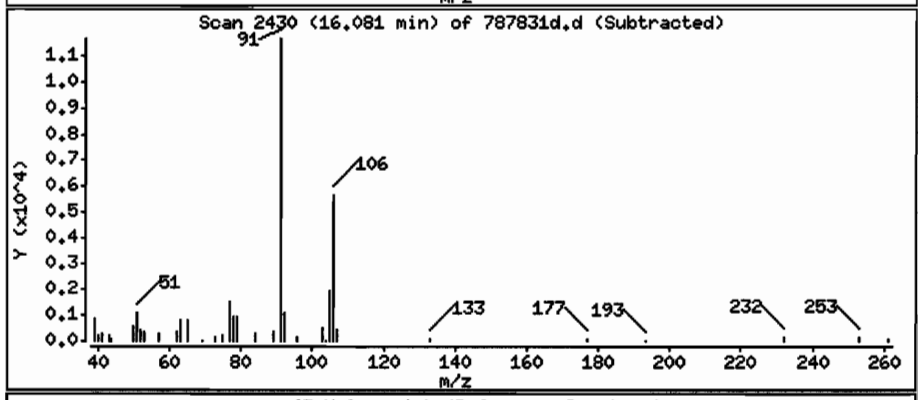
Column phase: RTX-624

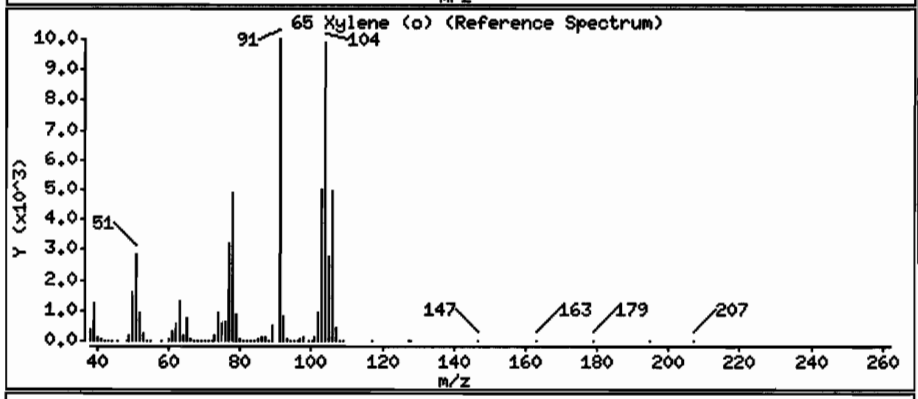
Column diameter: 0.32

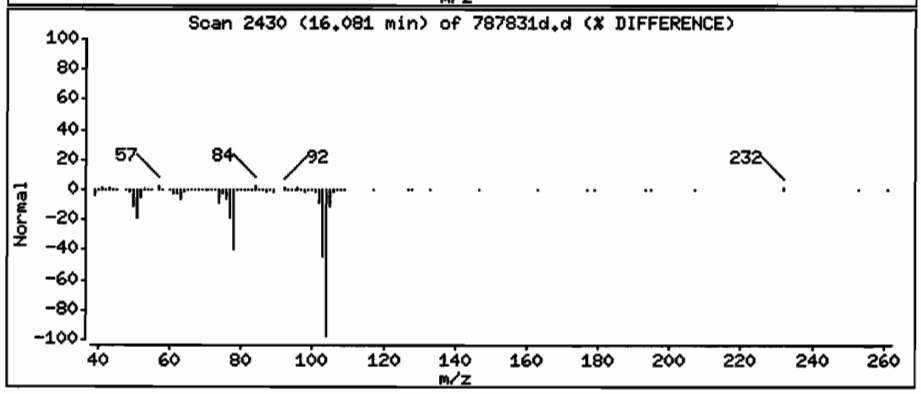
65 Xylene (o)

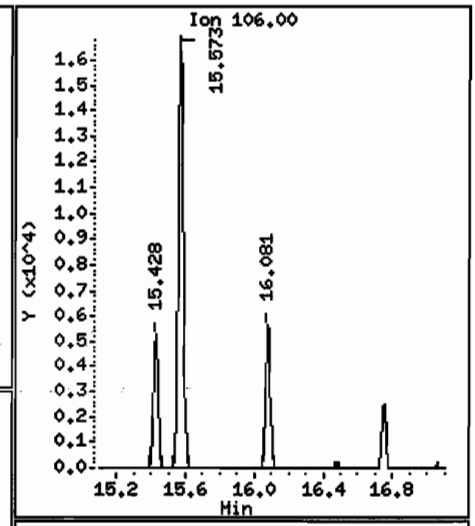
Concentration: 1.1 ppbv

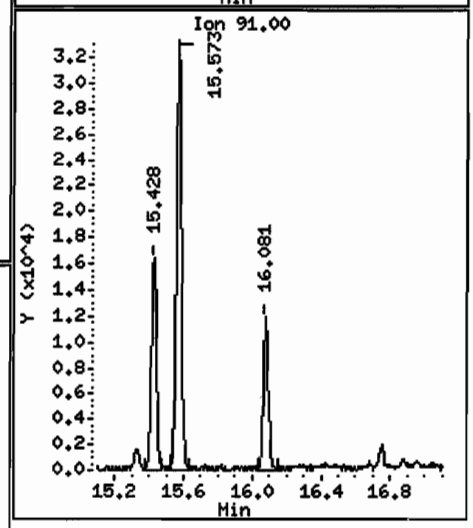










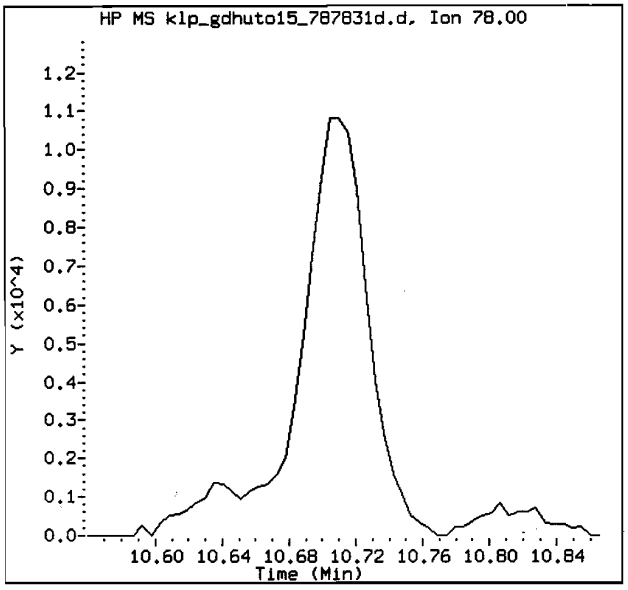


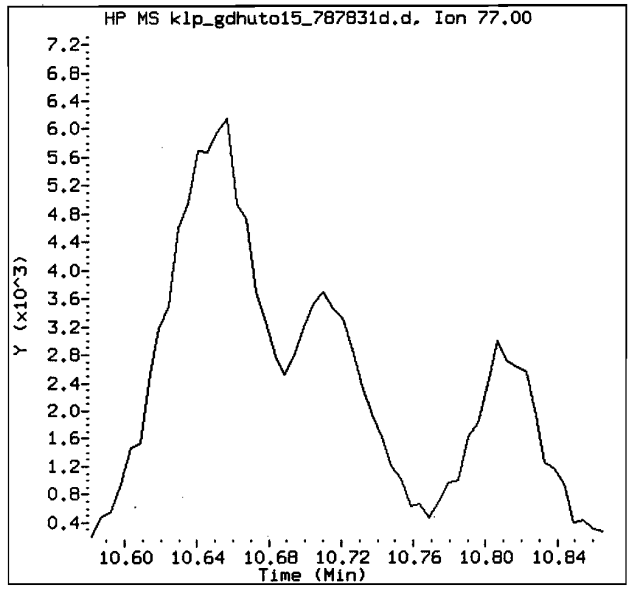
MANUAL INTEGRATION REPORT

Data File Name: 787831d.d
Client Sample ID: VP-24V4N
Compound Name: Benzene

Inj. Date and Time: 12-MAR-2009 20:32
Instrument ID: G.i
CAS #: 71-43-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 03/26/2009 12:16

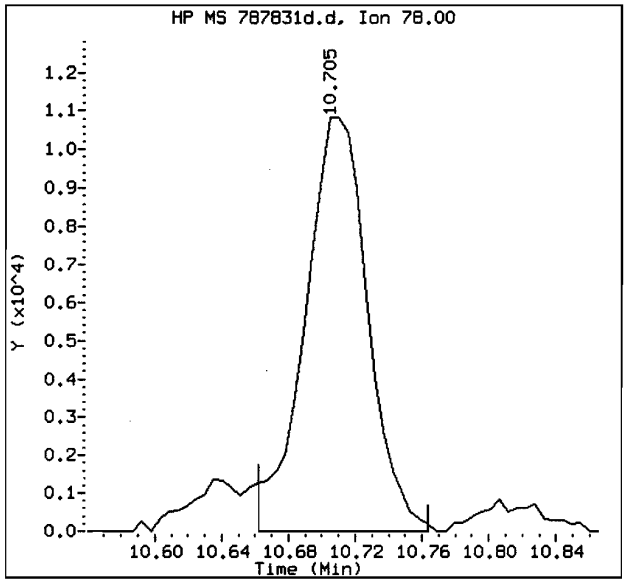


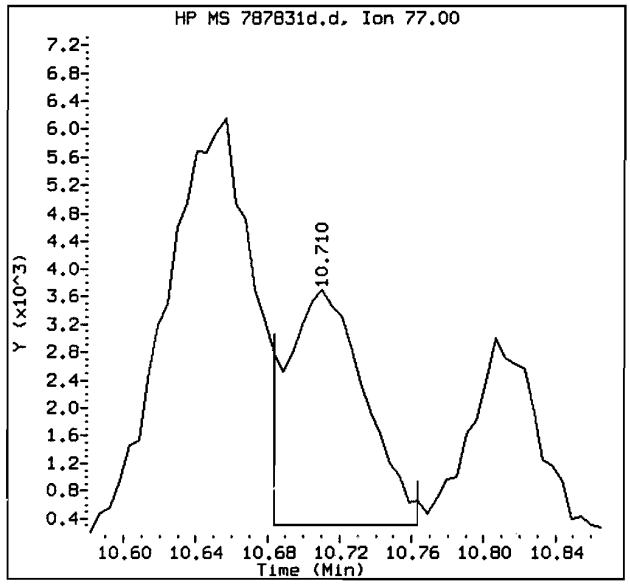


Original Integrations:

Area = 21870

Area = 94807





Final Integrations:

Area = 28613

Area = 10461

Manual Integration Reason: MI3 - Mis-identification of peak

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-25V6N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787830

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 787830D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2300.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	1200	U
75-01-4	Vinyl Chloride	460	U
74-83-9	Bromomethane	460	U
75-00-3	Chloroethane	1200	U
75-35-4	1,1-Dichloroethene	1100	
67-64-1	Acetone	12000	U
75-15-0	Carbon Disulfide	1200	U
75-09-2	Methylene Chloride	1200	U
156-60-5	trans-1,2-Dichloroethene	460	U
75-34-3	1,1-Dichloroethane	1900	
78-93-3	Methyl Ethyl Ketone	1200	U
156-59-2	cis-1,2-Dichloroethene	560	
67-66-3	Chloroform	460	U
71-55-6	1,1,1-Trichloroethane	720	
56-23-5	Carbon Tetrachloride	460	U
71-43-2	Benzene	460	U
107-06-2	1,2-Dichloroethane	460	U
79-01-6	Trichloroethene	460	U
78-87-5	1,2-Dichloropropane	460	U
75-27-4	Bromodichloromethane	460	U
10061-01-5	cis-1,3-Dichloropropene	460	U
108-10-1	Methyl Isobutyl Ketone	1200	U
108-88-3	Toluene	590	
10061-02-6	trans-1,3-Dichloropropene	460	U
79-00-5	1,1,2-Trichloroethane	460	U
127-18-4	Tetrachloroethene	460	U
591-78-6	Methyl Butyl Ketone	1200	U
124-48-1	Dibromochloromethane	460	U
108-90-7	Chlorobenzene	4500	
100-41-4	Ethylbenzene	890	
1330-20-7	Xylene (m,p)	7900	
95-47-6	Xylene (o)	3600	
100-42-5	Styrene	460	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-25V6N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787830

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 787830D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2300.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	460	U
79-34-5	1,1,2,2-Tetrachloroethane	460	U

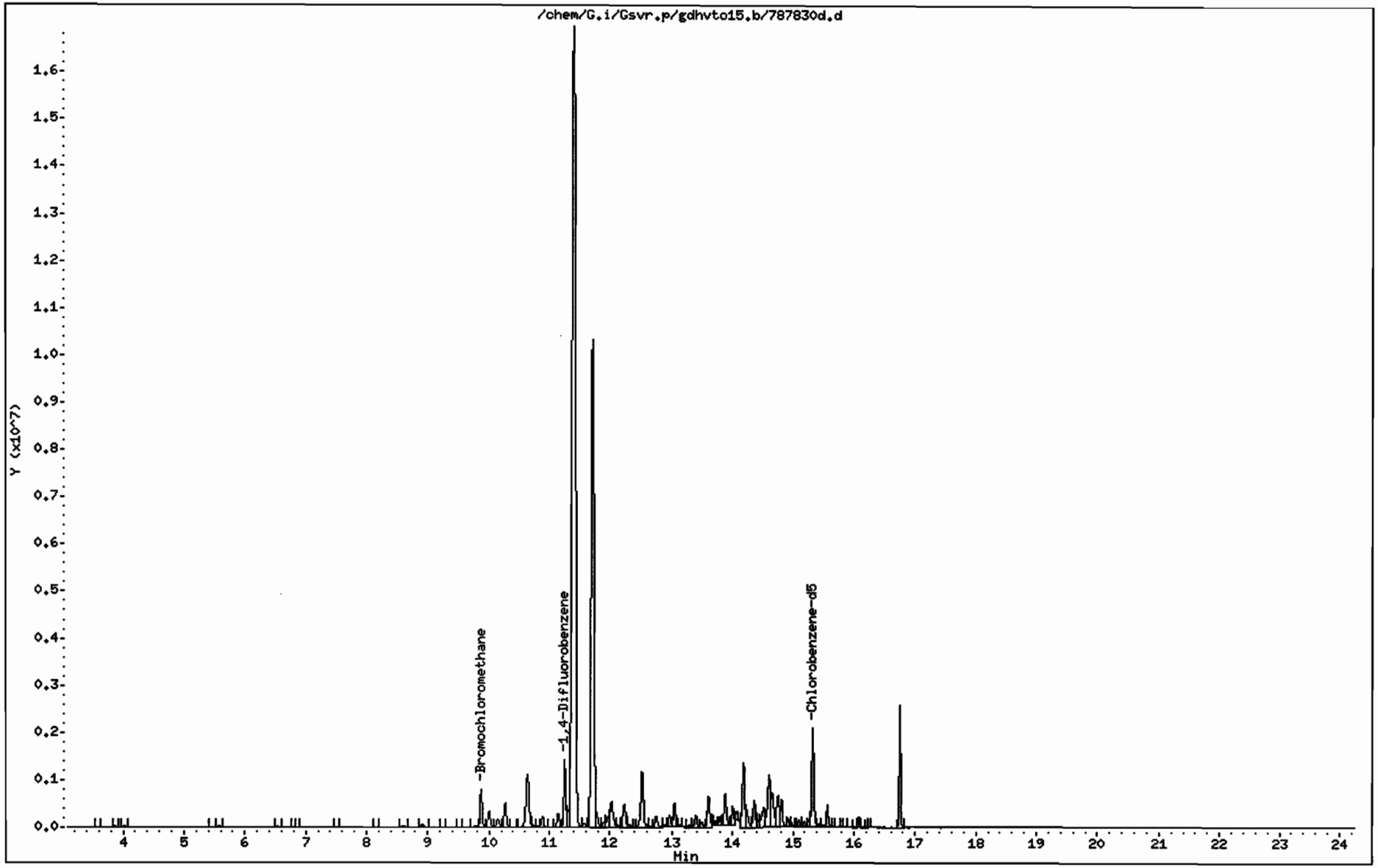
FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d
Date : 13-MAR-2009 16:43
Client ID: VP-25V6N
Sample Info: 20090304VP-25V6N :[ ]03/04/09 @0850(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 3

Instrument: G.i

Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d
Lab Smp Id: 787830 Client Smp ID: VP-25V6N
Inj Date : 13-MAR-2009 16:43
Operator : njr Inst ID: G.i
Smp Info : 20090304VP-25V6N :[ ]03/04/09 @0850(AIR)
Misc Info : 787830;031209GA;2300;20;cdf 230
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 10
Dil Factor: 2300.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	2300.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	6.537	6.543	(0.662)	9969	0.49690	1100
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	8.618	8.640	(0.873)	32622	0.81438	1900
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	9.506	9.523	(0.963)	5645	0.24273	560
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	292398	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	10.175	10.197	(0.904)	20839	0.31308	720
37 Carbon Tetrachloride	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	39 Benzene	78	Compound Not Detected.					
	41 1,2-Dichloroethane	62	Compound Not Detected.					
*	43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1506937	10.0000	
	45 Trichloroethene	95	Compound Not Detected.					
	47 1,2-Dichloropropane	63	Compound Not Detected.					
	50 Bromodichloromethane	83	Compound Not Detected.					
	51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	54 Toluene	92	13.390	13.412	(0.874)	13465	0.25485	590
	55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	56 1,1,2-Trichloroethane	83	Compound Not Detected.					
	57 Tetrachloroethene	166	Compound Not Detected.					
	58 Methyl Butyl Ketone	43	Compound Not Detected.					
	59 Dibromochloromethane	129	Compound Not Detected.					
*	61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1457180	10.0000	
	62 Chlorobenzene	112	15.364	15.386	(1.002)	153238	1.94994	4500
	63 Ethylbenzene	91	15.428	15.450	(1.007)	45019	0.38499	890
	64 Xylene (m,p)	106	15.568	15.594	(1.016)	153946	3.43358	7900
	65 Xylene (o)	106	16.081	16.103	(1.049)	67588	1.54802	3600
	66 Styrene	104	Compound Not Detected.					
	67 Bromoform	173	Compound Not Detected.					
	69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d

Date : 13-MAR-2009 16:43

Client ID: VP-25V6N

Instrument: G.i

Sample Info: 20090304VP-25V6N ;[ ]03/04/09 @0850(AIR)

Purge Volume: 20.0

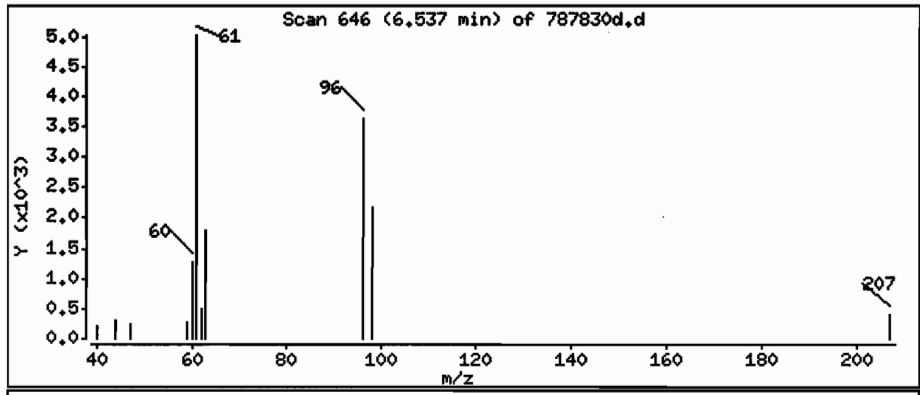
Operator: njr

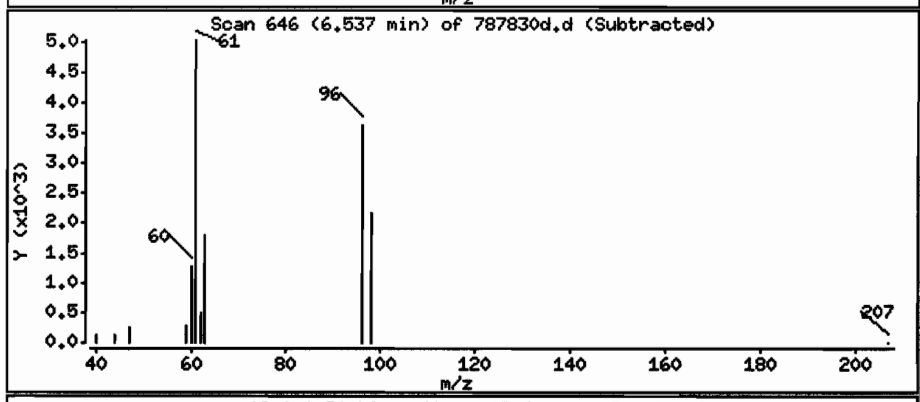
Column phase: RTX-624

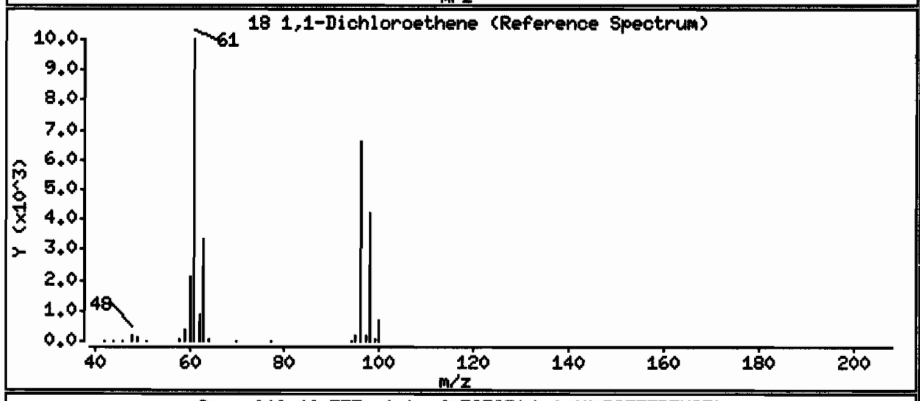
Column diameter: 0.32

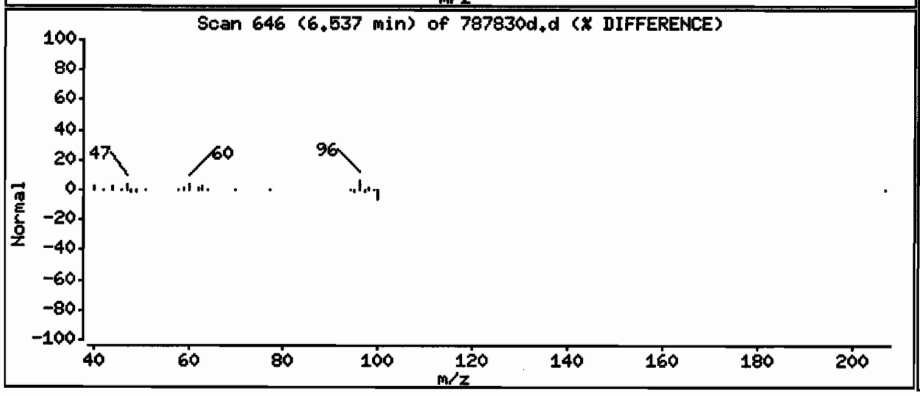
18 1,1-Dichloroethene

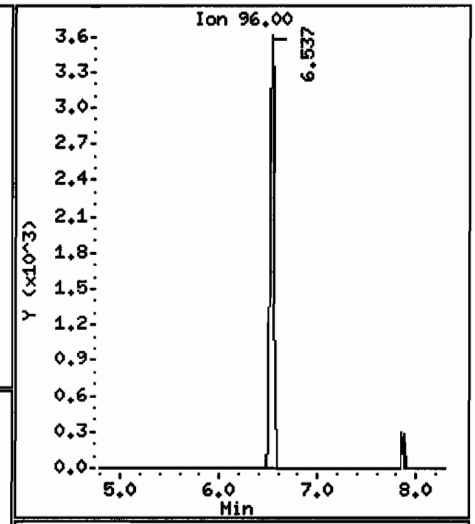
Concentration: 1100 ppbv

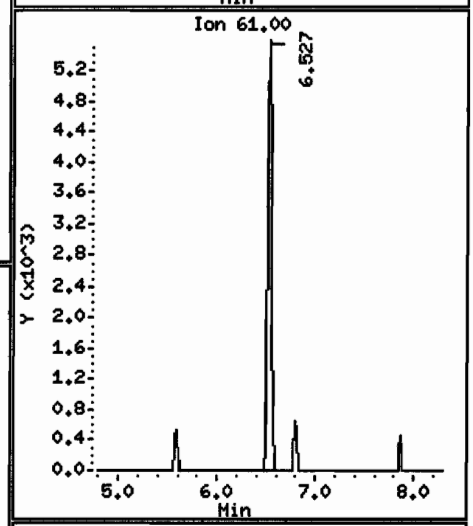


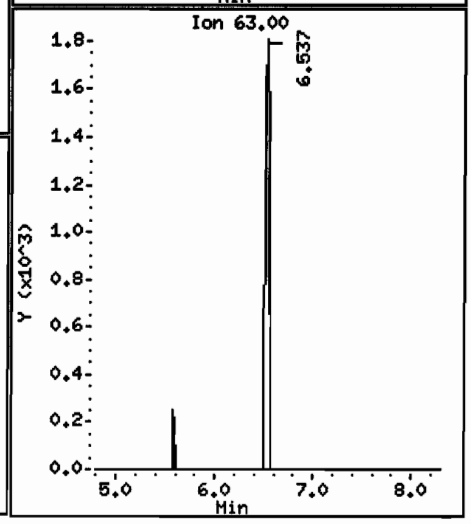












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d

Date : 13-MAR-2009 16:43

Client ID: VP-25V6N

Instrument: G.i

Sample Info: 20090304VP-25V6N :[ ]03/04/09 @0850(AIR)

Purge Volume: 20.0

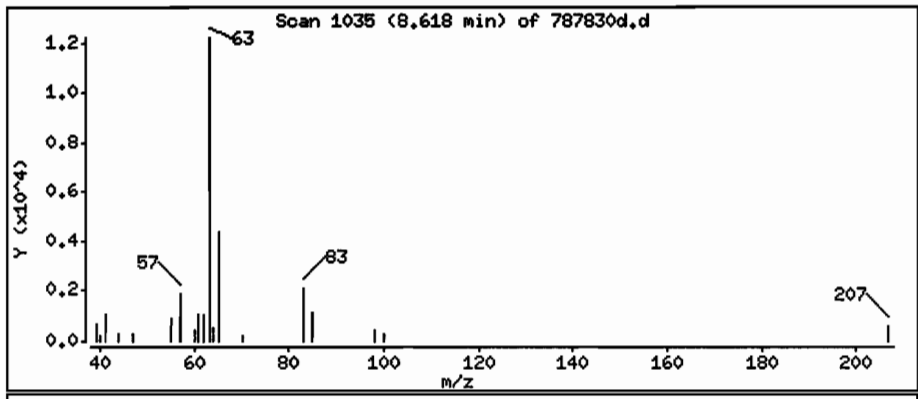
Operator: njr

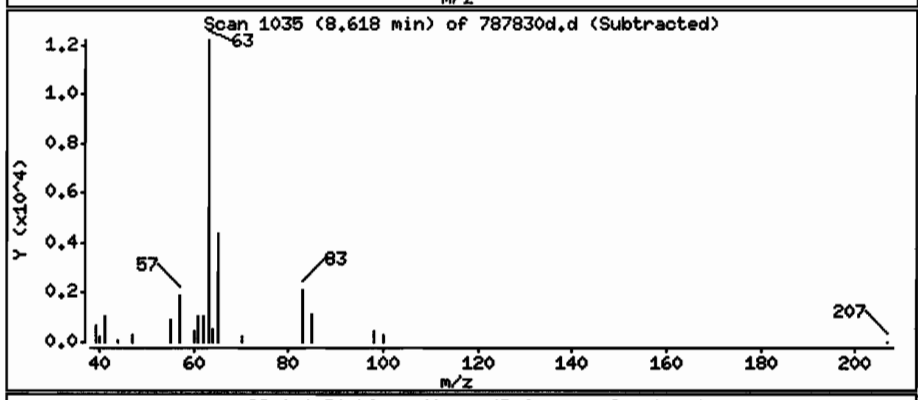
Column phase: RTX-624

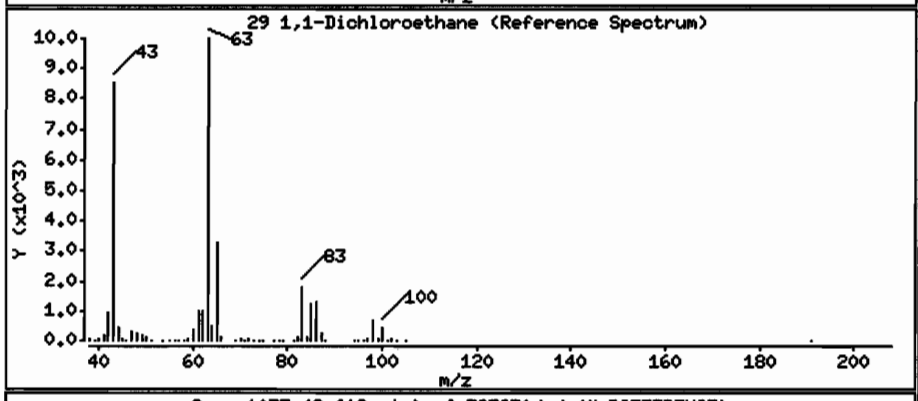
Column diameter: 0.32

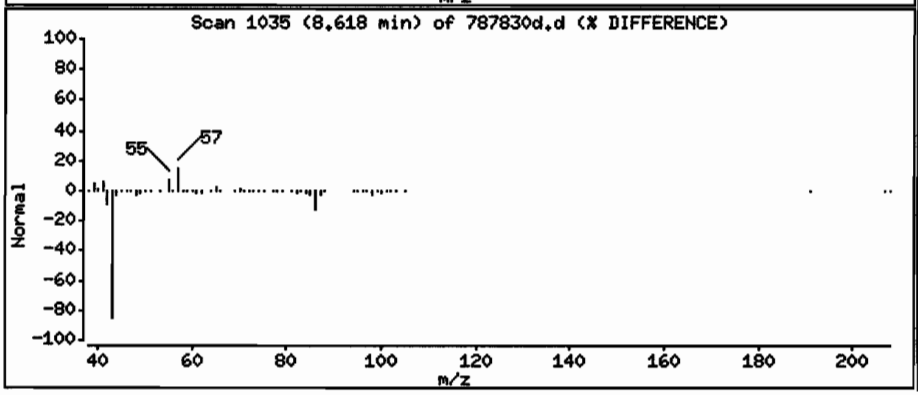
29 1,1-Dichloroethane

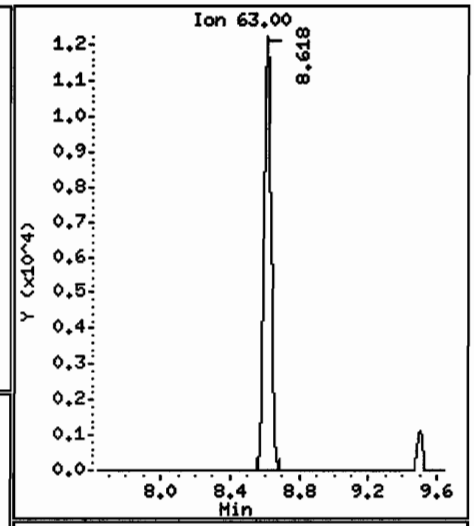
Concentration: 1900 ppbv

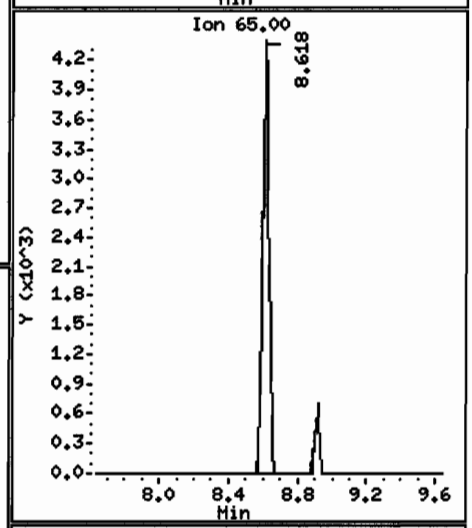


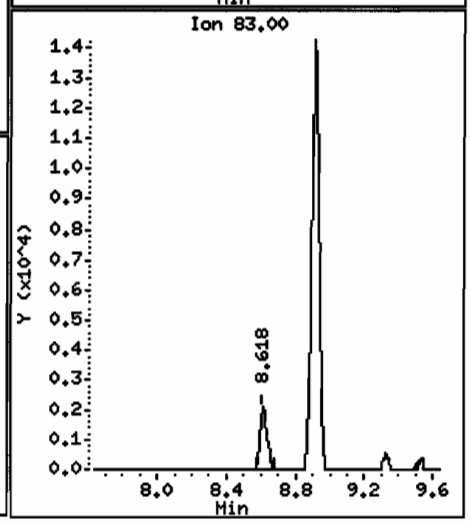












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d

Date : 13-MAR-2009 16:43

Client ID: VP-25V6N

Instrument: G.i

Sample Info: 20090304VP-25V6N :[ ]03/04/09 @0850(AIR)

Purge Volume: 20.0

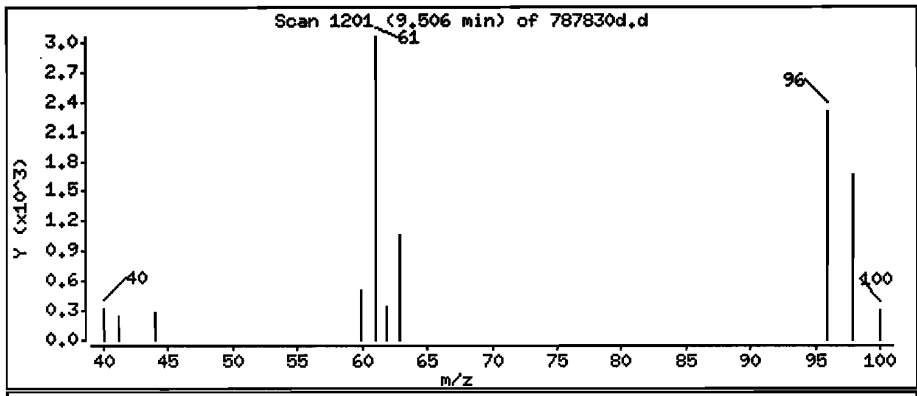
Operator: njr

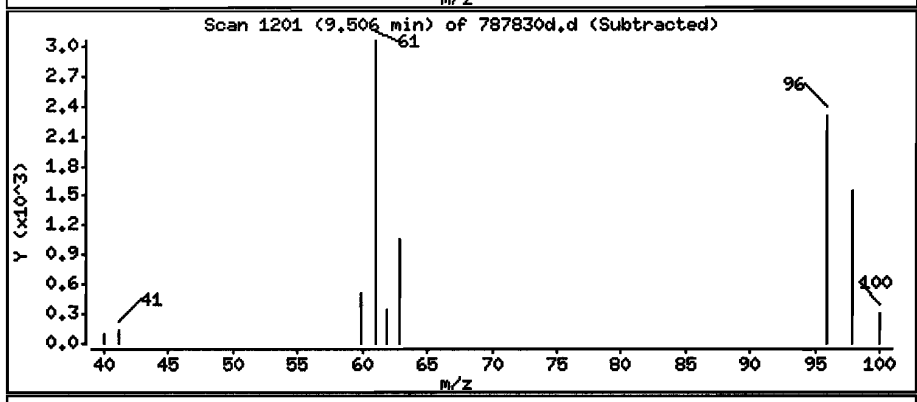
Column phase: RTX-624

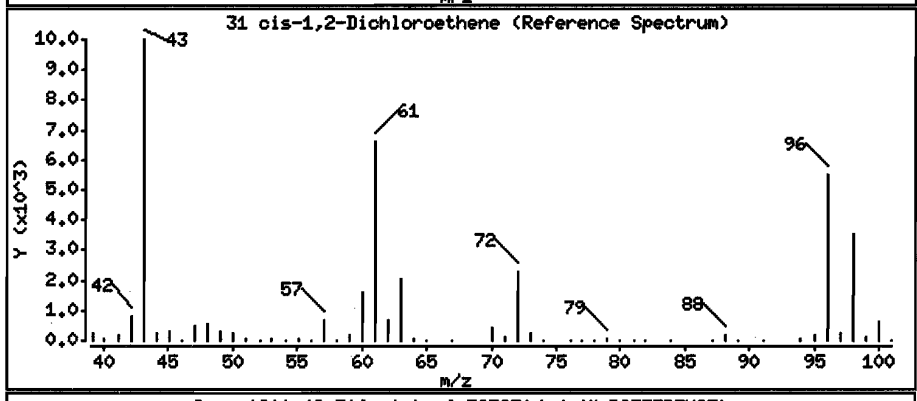
Column diameter: 0.32

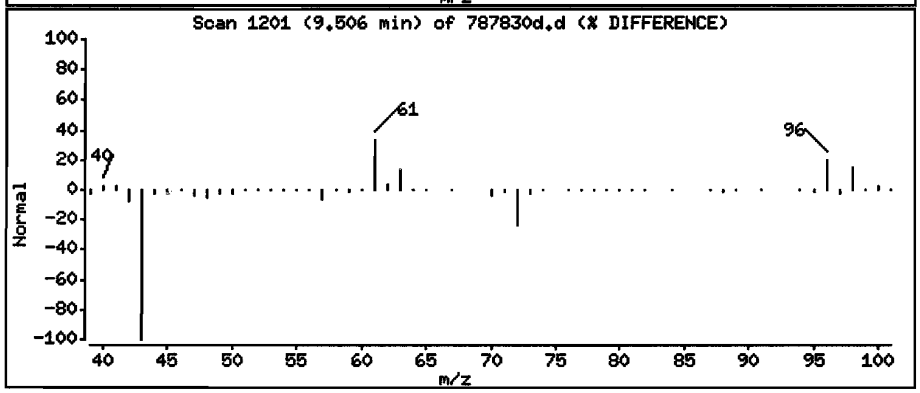
31 cis-1,2-Dichloroethene

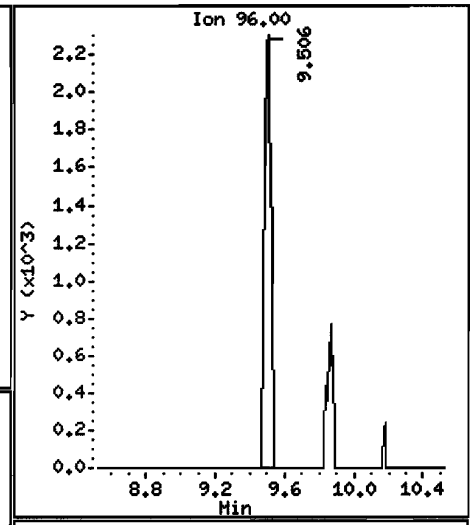
Concentration: 560 ppbv

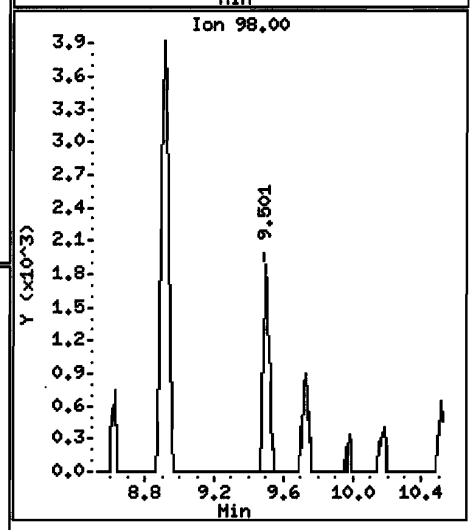












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d

Date : 13-MAR-2009 16:43

Client ID: VP-25V6N

Instrument: G.i

Sample Info: 20090304VP-25V6N :[103/04/09 @0850(AIR)

Purge Volume: 20.0

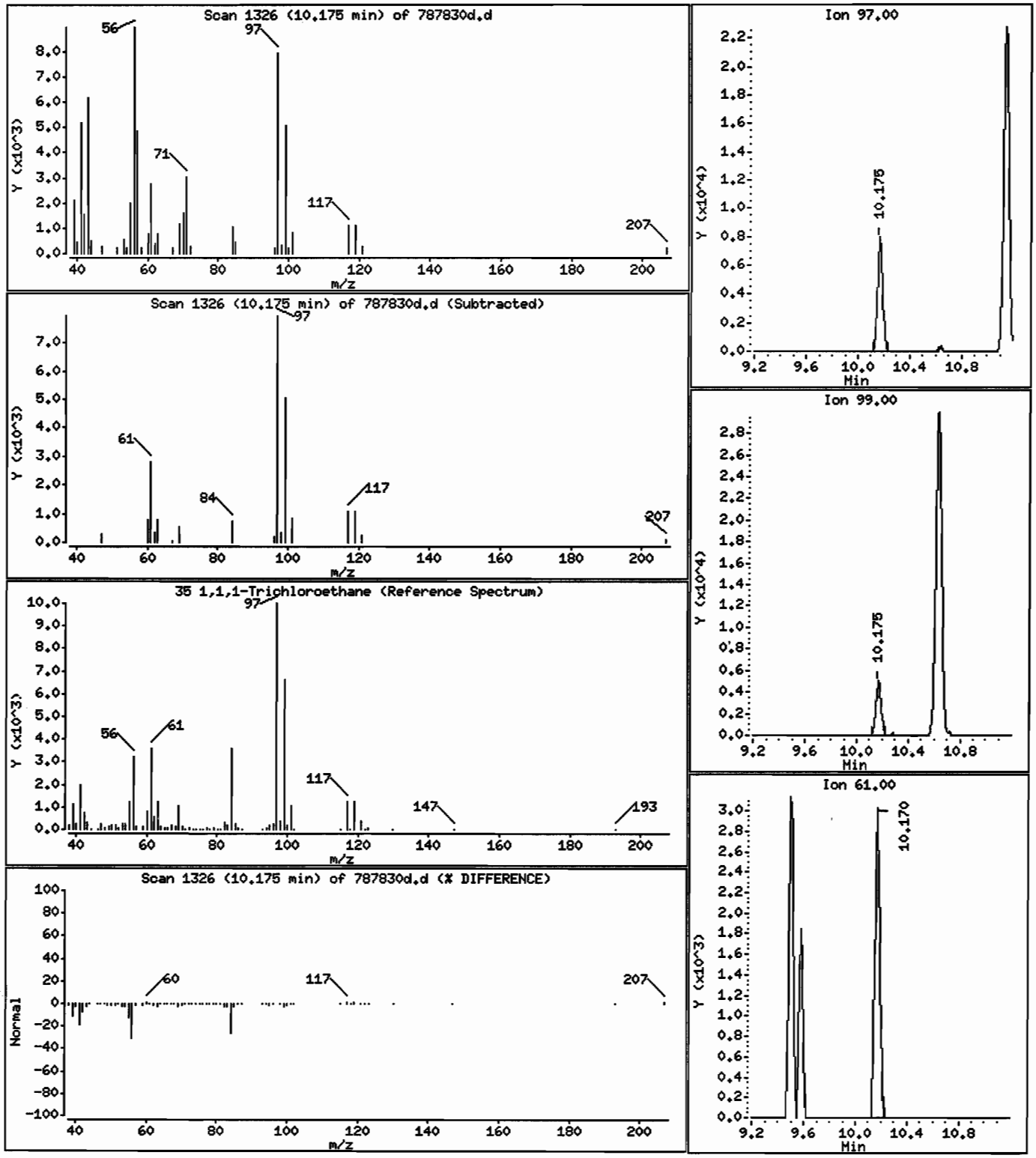
Operator: njr

Column phase: RTX-624

Column diameter: 0.32

35 1,1,1-Trichloroethane

Concentration: 720 ppbv



Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d

Date : 13-MAR-2009 16:43

Client ID: VP-25V6N

Instrument: G.i

Sample Info: 20090304VP-25V6N :[ ]03/04/09 @0850(AIR)

Purge Volume: 20.0

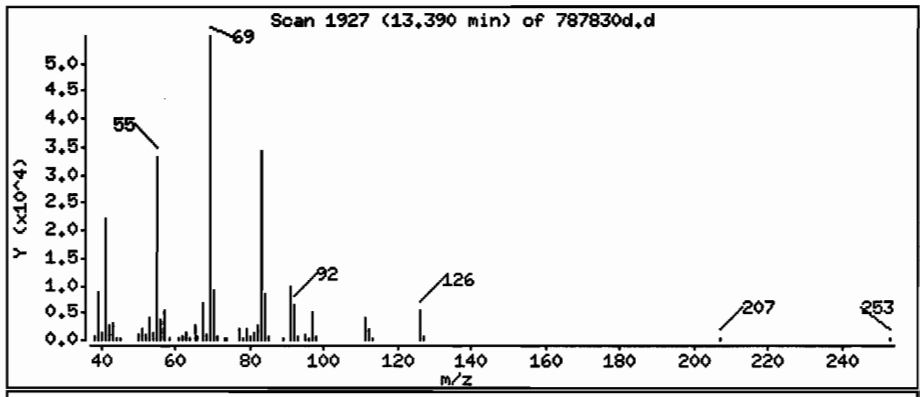
Operator: njr

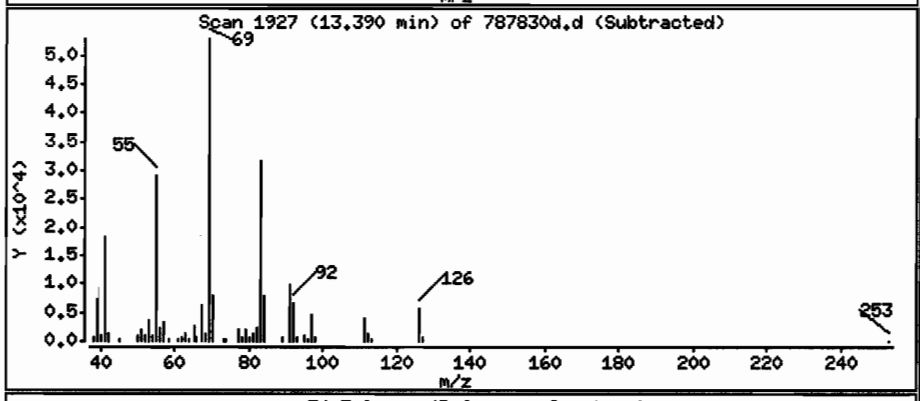
Column phase: RTX-624

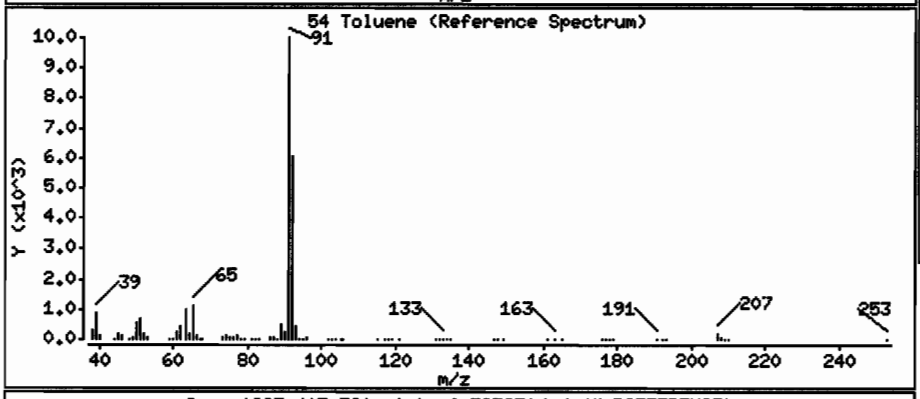
Column diameter: 0.32

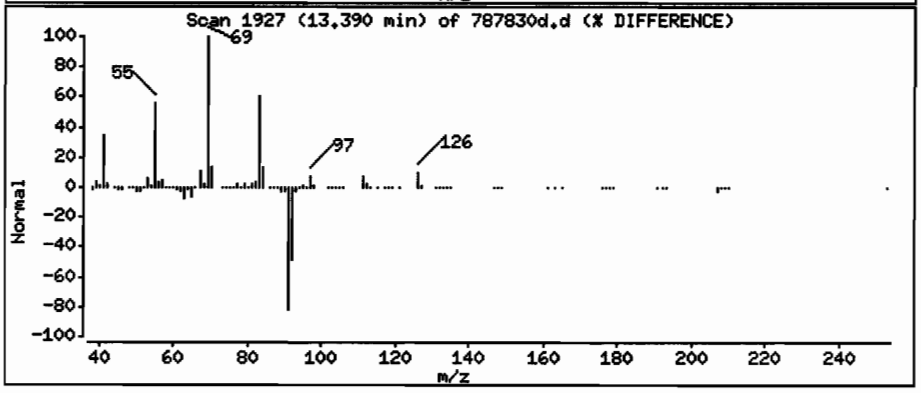
54 Toluene

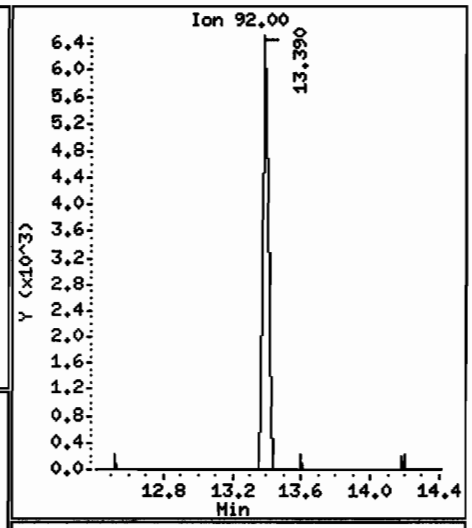
Concentration: 590 ppbv

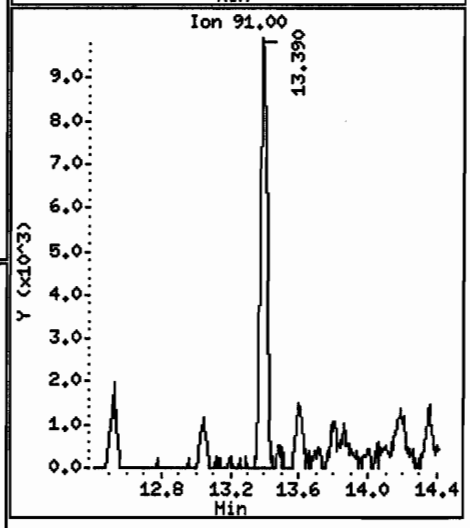












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d

Date : 13-MAR-2009 16:43

Client ID: VP-25V6N

Instrument: G.i

Sample Info: 20090304VP-25V6N :[ ]03/04/09 @0850(AIR)

Purge Volume: 20.0

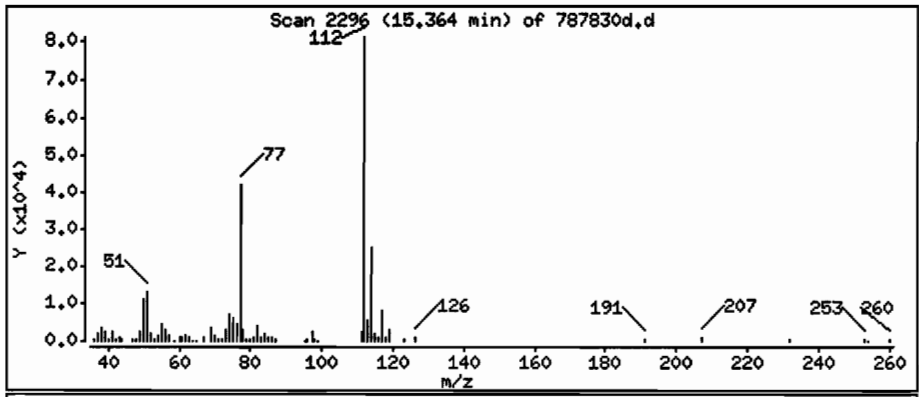
Operator: njr

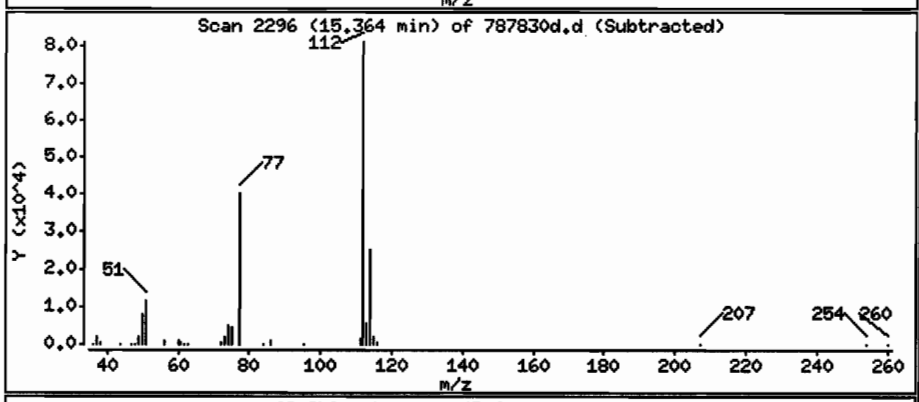
Column phase: RTX-624

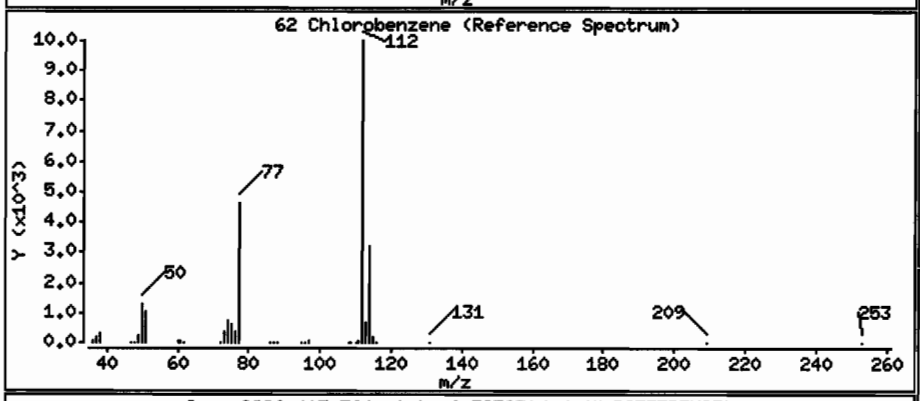
Column diameter: 0.32

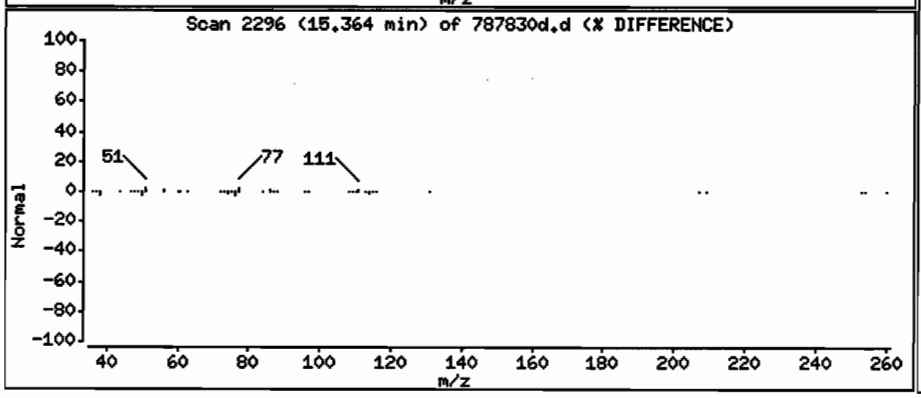
62 Chlorobenzene

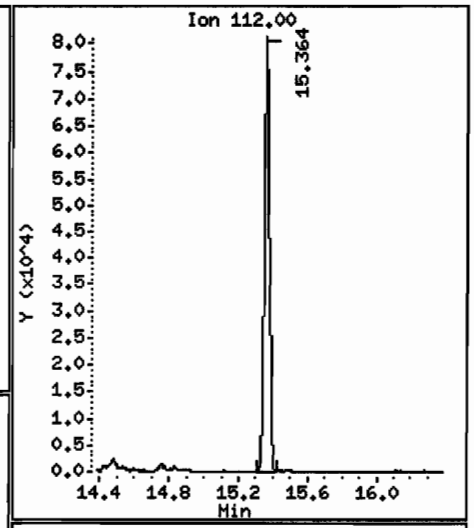
Concentration: 4500 ppbv

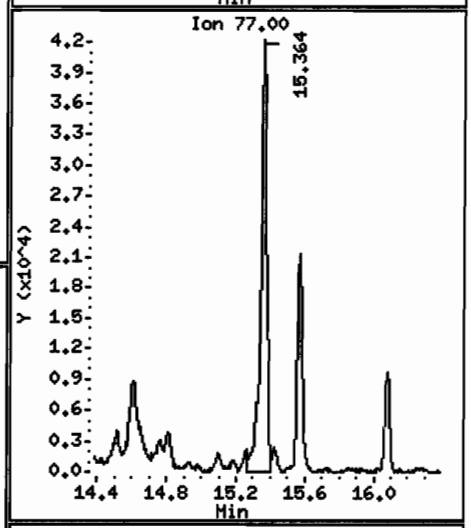


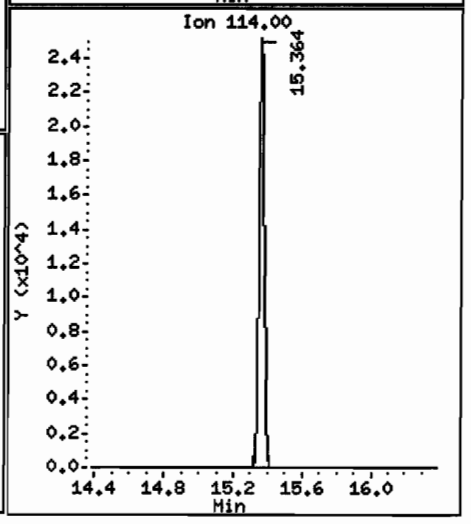












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d

Date : 13-MAR-2009 16:43

Client ID: VP-25V6N

Instrument: G.i

Sample Info: 20090304VP-25V6N :[ ]03/04/09 @0850(AIR)

Purge Volume: 20.0

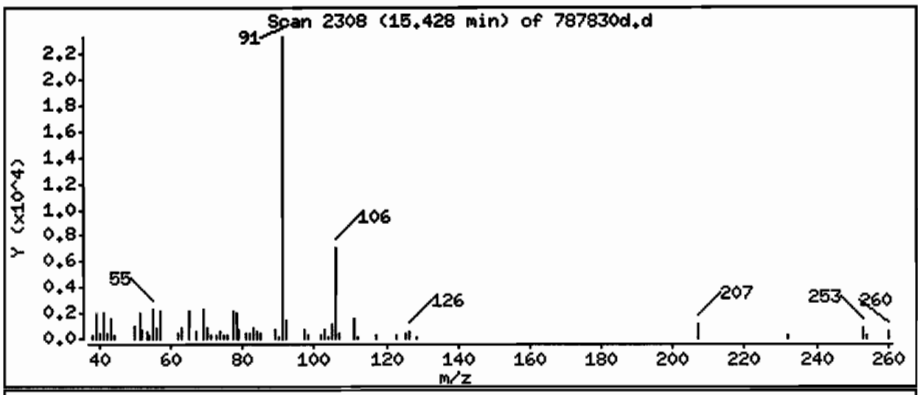
Operator: njr

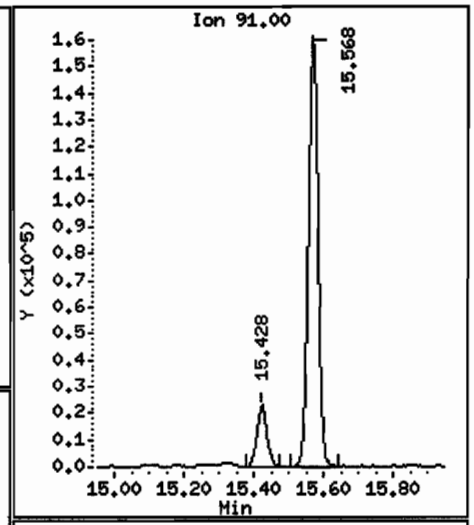
Column phase: RTX-624

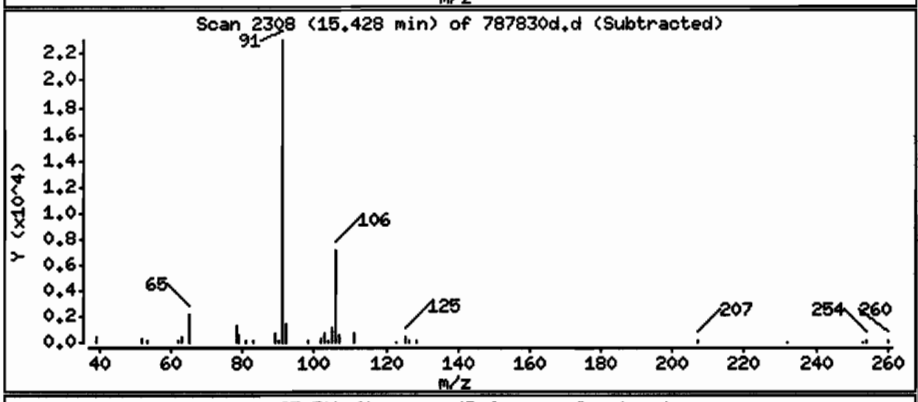
Column diameter: 0.32

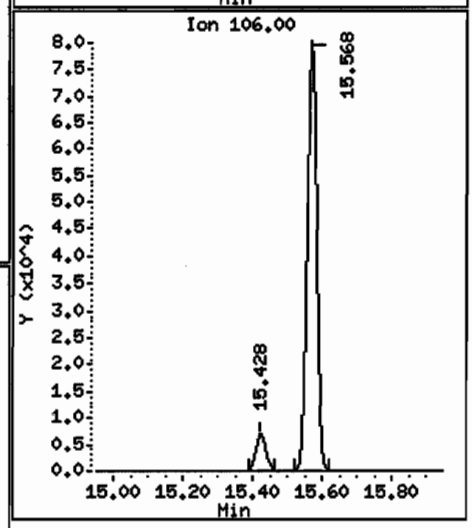
63 Ethylbenzene

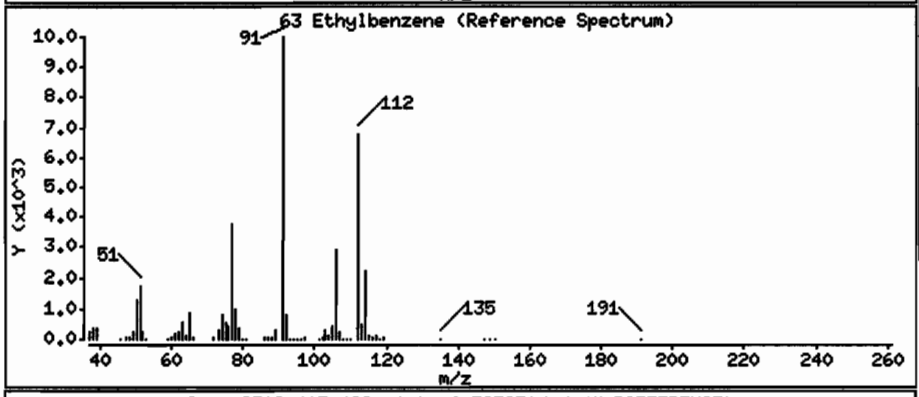
Concentration: 890 ppbv

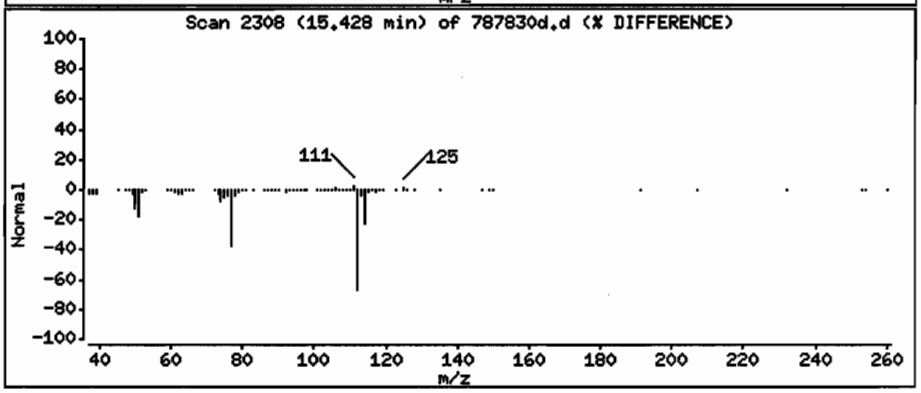












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d

Date : 13-MAR-2009 16:43

Client ID: VP-25V6N

Instrument: G.i

Sample Info: 20090304VP-25V6N :[ ]03/04/09 @0850(AIR)

Purge Volume: 20.0

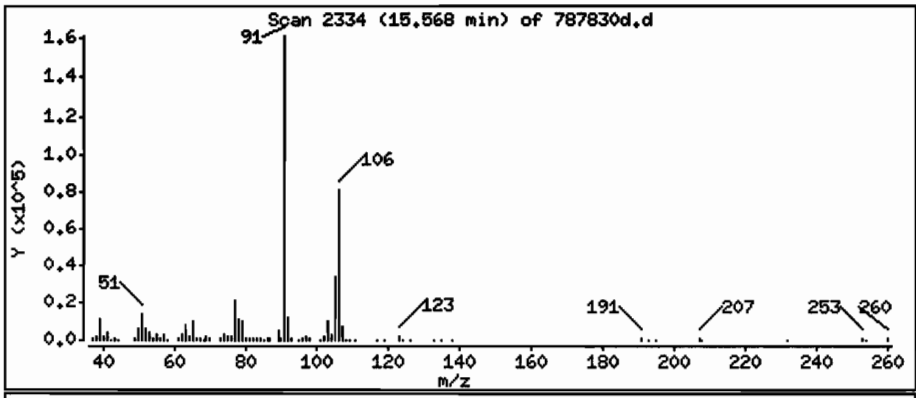
Operator: njr

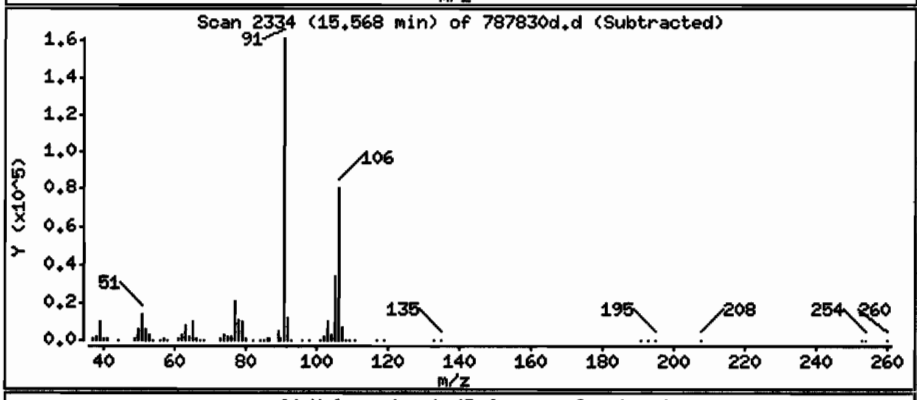
Column phase: RTX-624

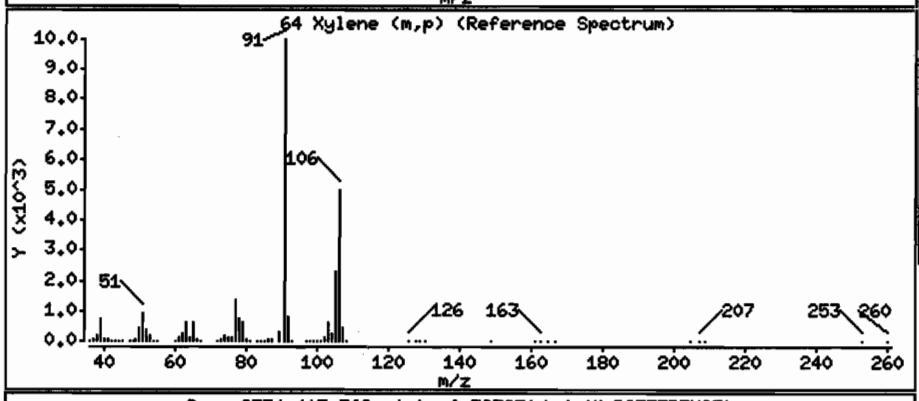
Column diameter: 0.32

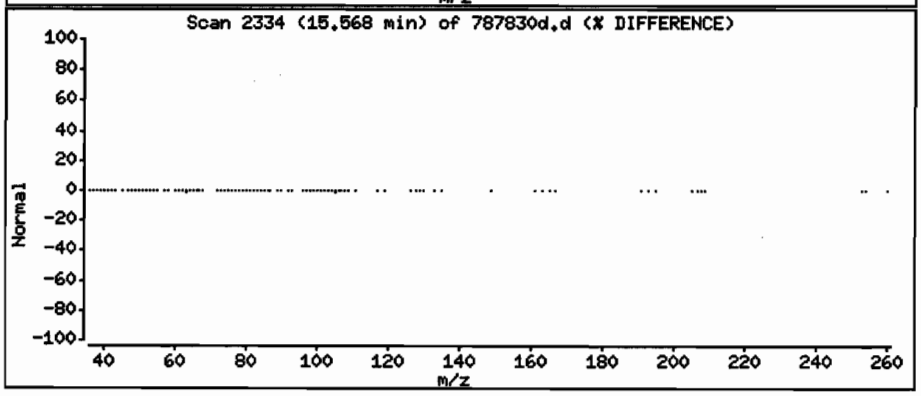
64 Xylene (m,p)

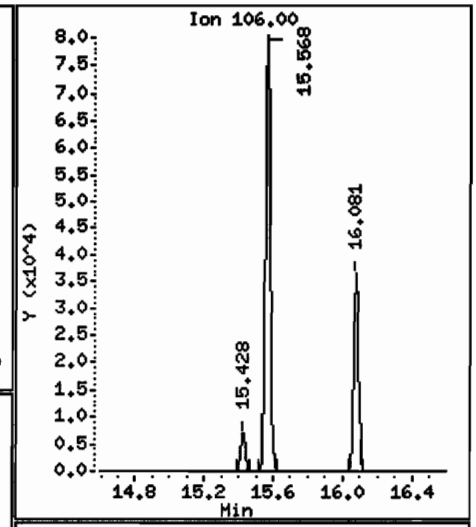
Concentration: 7900 ppbv

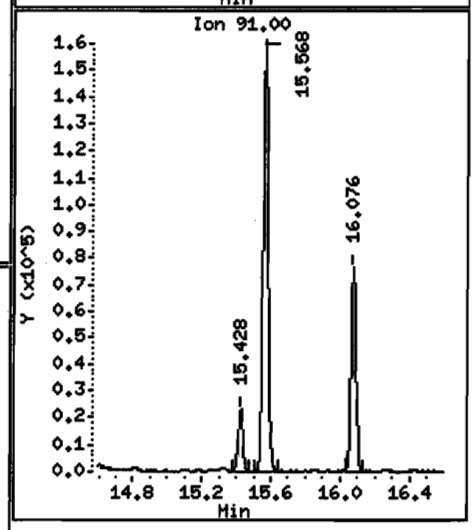












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787830d.d

Date : 13-MAR-2009 16:43

Client ID: VP-25V6N

Instrument: G.i

Sample Info: 20090304VP-25V6N :[ ]03/04/09 @0850(AIR)

Purge Volume: 20.0

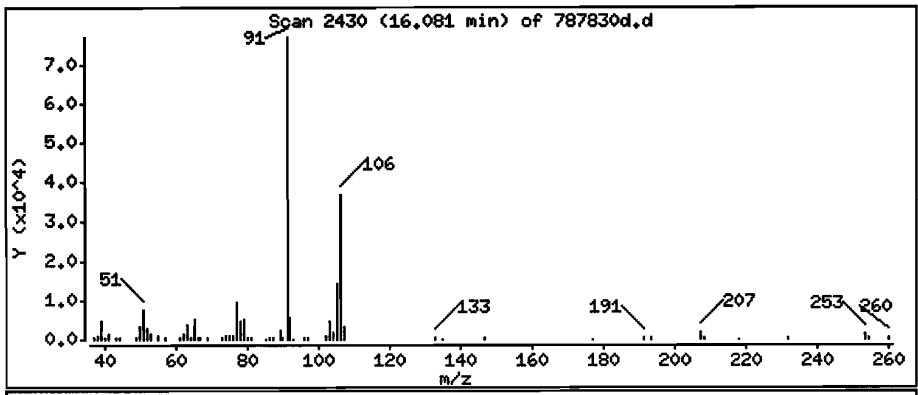
Operator: njr

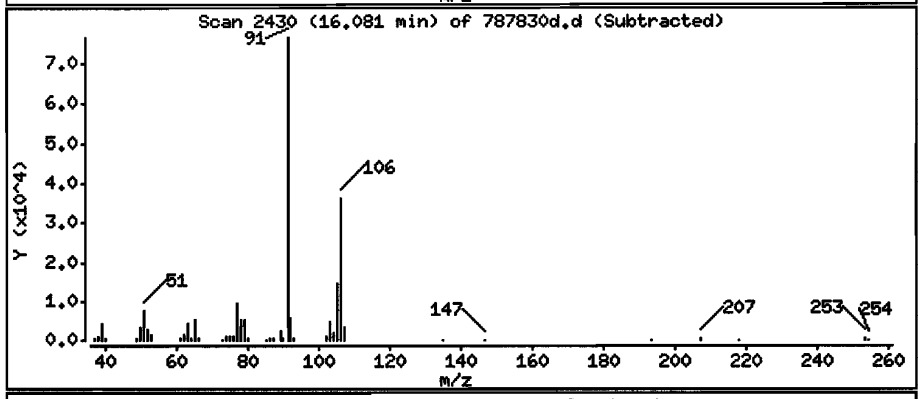
Column phase: RTX-624

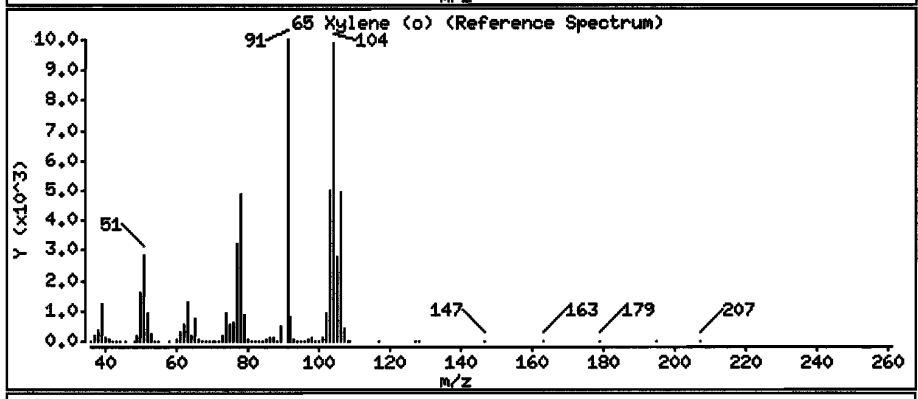
Column diameter: 0.32

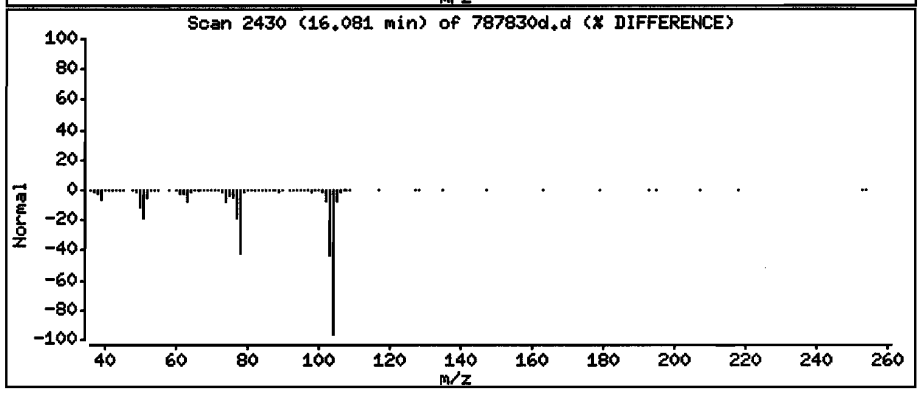
65 Xylene (o)

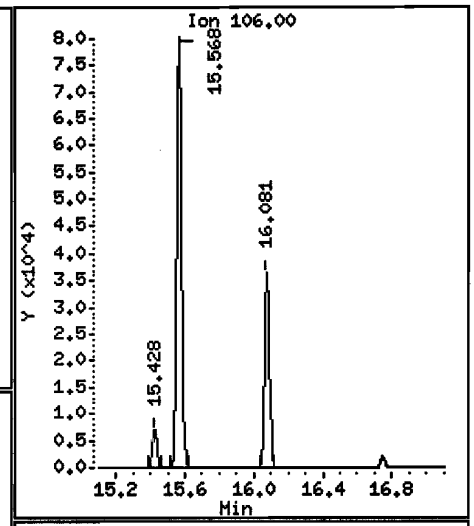
Concentration: 3600 ppbv

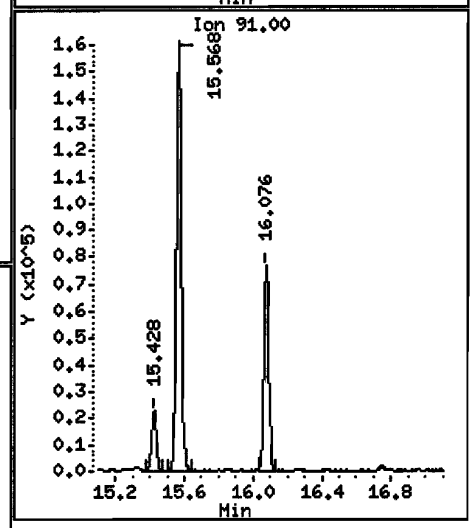












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-26V5.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787832

Sample wt/vol: 54.00 (g/mL) ML Lab File ID: 787832D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	2.5	U
75-01-4	Vinyl Chloride	0.99	U
74-83-9	Bromomethane	0.99	U
75-00-3	Chloroethane	2.5	U
75-35-4	1,1-Dichloroethene	0.99	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	2.5	U
75-09-2	Methylene Chloride	2.5	U
156-60-5	trans-1,2-Dichloroethene	0.99	U
75-34-3	1,1-Dichloroethane	1.3	
78-93-3	Methyl Ethyl Ketone	2.5	U
156-59-2	cis-1,2-Dichloroethene	0.99	U
67-66-3	Chloroform	110	
71-55-6	1,1,1-Trichloroethane	9.2	
56-23-5	Carbon Tetrachloride	0.99	U
71-43-2	Benzene	1.2	
107-06-2	1,2-Dichloroethane	2.8	
79-01-6	Trichloroethene	0.99	U
78-87-5	1,2-Dichloropropane	0.99	U
75-27-4	Bromodichloromethane	0.99	U
10061-01-5	cis-1,3-Dichloropropene	0.99	U
108-10-1	Methyl Isobutyl Ketone	2.5	U
108-88-3	Toluene	6.6	
10061-02-6	trans-1,3-Dichloropropene	0.99	U
79-00-5	1,1,2-Trichloroethane	0.99	U
127-18-4	Tetrachloroethene	1.2	
591-78-6	Methyl Butyl Ketone	2.5	U
124-48-1	Dibromochloromethane	0.99	U
108-90-7	Chlorobenzene	0.99	U
100-41-4	Ethylbenzene	0.99	U
1330-20-7	Xylene (m,p)	3.1	
95-47-6	Xylene (o)	1.5	
100-42-5	Styrene	0.99	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-26V5.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787832

Sample wt/vol: 54.00 (g/mL) ML Lab File ID: 787832D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.99	U
79-34-5	1,1,2,2-Tetrachloroethane	0.99	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d

Date : 12-MAR-2009 21:20

Client ID: VP-26V5.5N

Sample Info: 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)

Purge Volume: 54.0

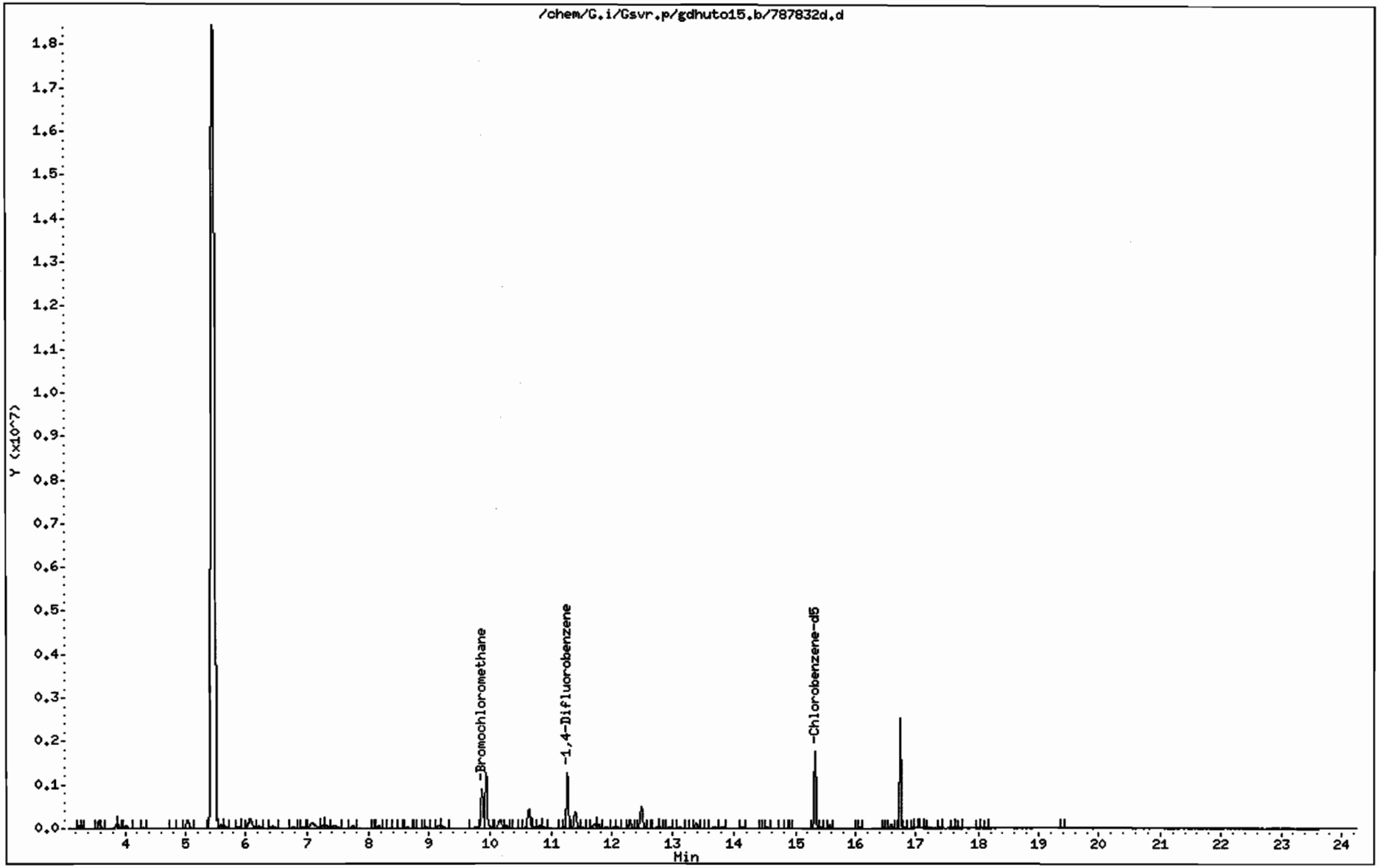
Column phase: RTX-624

Page 3

Instrument: G.i

Operator: njr

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d
Lab Smp Id: 787832 Client Smp ID: VP-26V5.5N
Inj Date : 12-MAR-2009 21:20
Operator : njr Inst ID: G.i
Smp Info : 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)
Misc Info : 787832;031209GA;4.96;54;cdf1.34
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 16
Dil Factor: 4.96000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	4.96000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	54.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	8.618	8.640	(0.873)	11660	0.25582	1.3
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.875	9.892	(1.000)	332698	10.0000	
34 Chloroform	83	9.940	9.961	(1.006)	1312790	22.5119	110
35 1,1,1-Trichloroethane	97	10.180	10.197	(0.904)	110865	1.84908	9.2
37 Carbon Tetrachloride	117	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
39 Benzene	78	10.705	10.732	(0.951)	16365	0.24093	1.2
41 1,2-Dichloroethane	62	10.838	10.860	(0.963)	19630	0.57371	2.8(Q)
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1357426	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.390	13.412	(0.874)	59917	1.33692	6.6
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	14.134	14.155	(0.922)	12386	0.24484	1.2
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.321	15.348	(1.000)	1236028	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	15.568	15.594	(1.016)	24066	0.63280	3.1
65 Xylene (o)	106	16.081	16.103	(1.050)	11249	0.30374	1.5
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d

Date : 12-MAR-2009 21:20

Client ID: VP-26V5.5N

Instrument: G.i

Sample Info: 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)

Purge Volume: 54.0

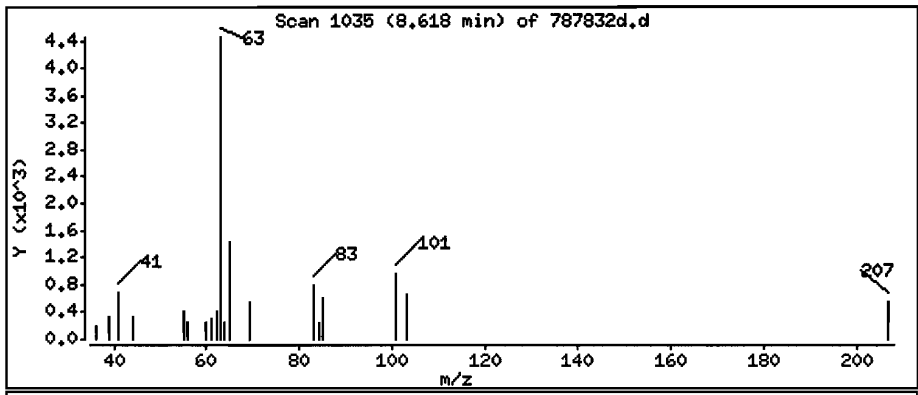
Operator: njr

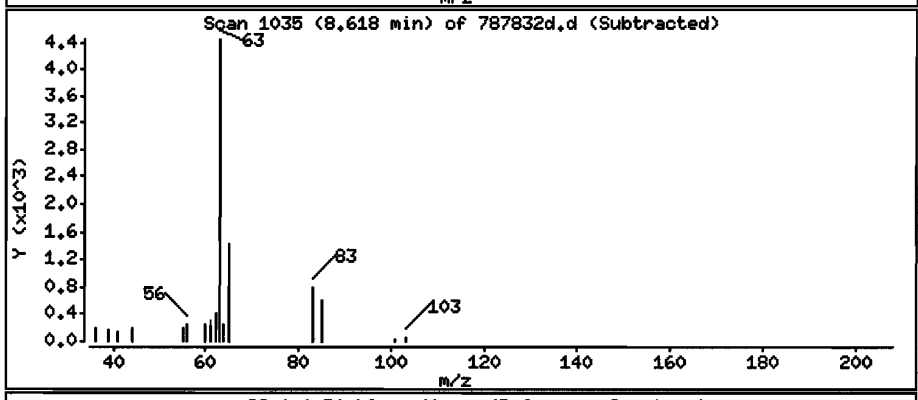
Column phase: RTX-624

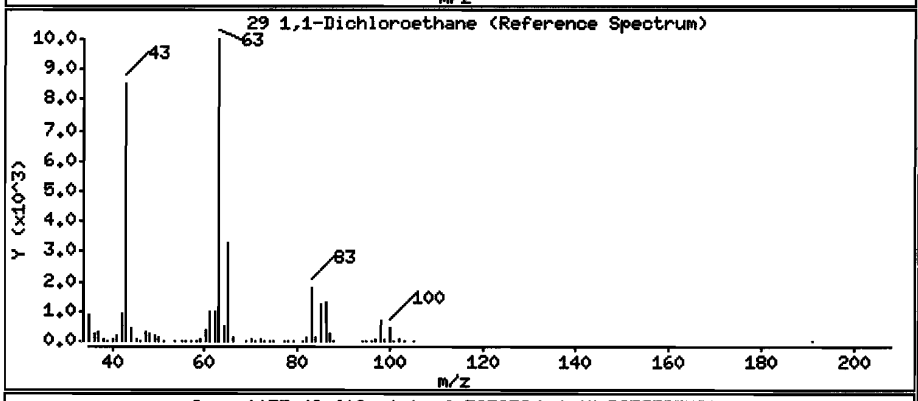
Column diameter: 0.32

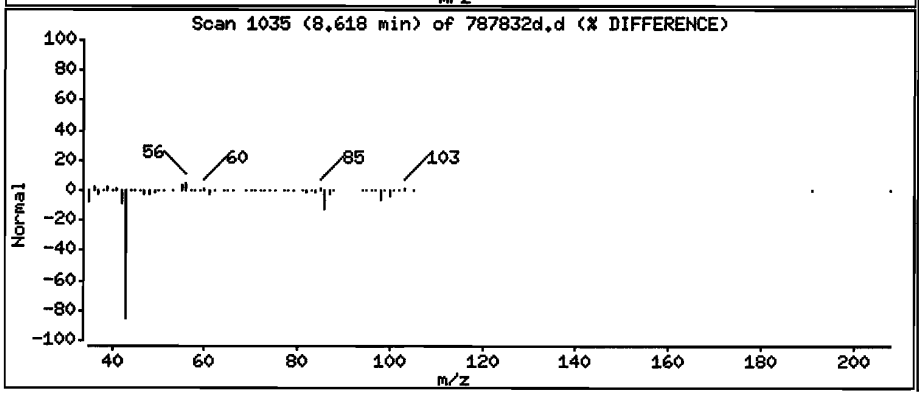
29 1,1-Dichloroethane

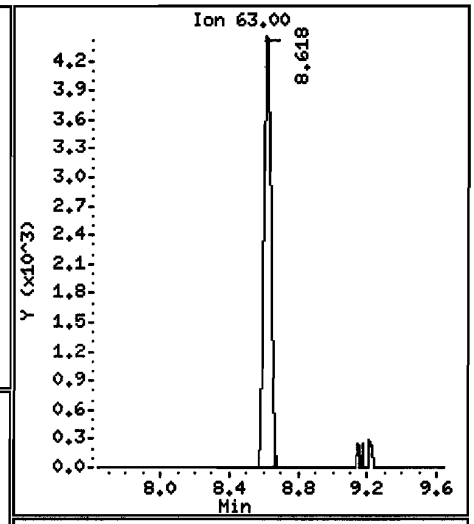
Concentration: 1.3 ppbv

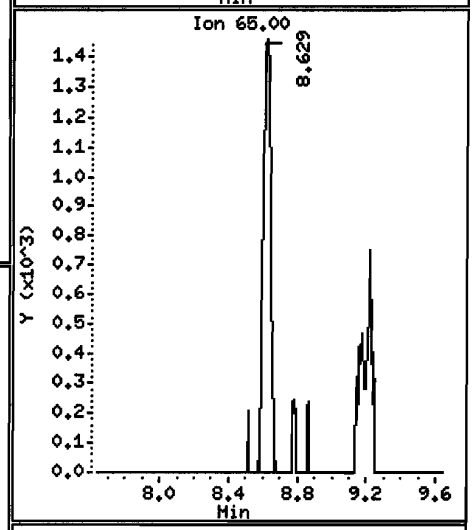


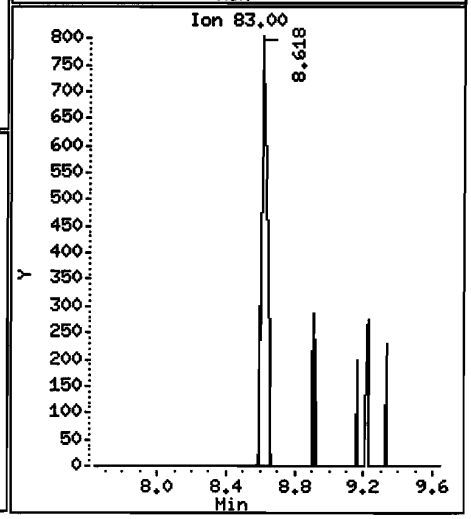












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d

Date : 12-MAR-2009 21:20

Client ID: VP-26V5.5N

Instrument: G.i

Sample Info: 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)

Purge Volume: 54.0

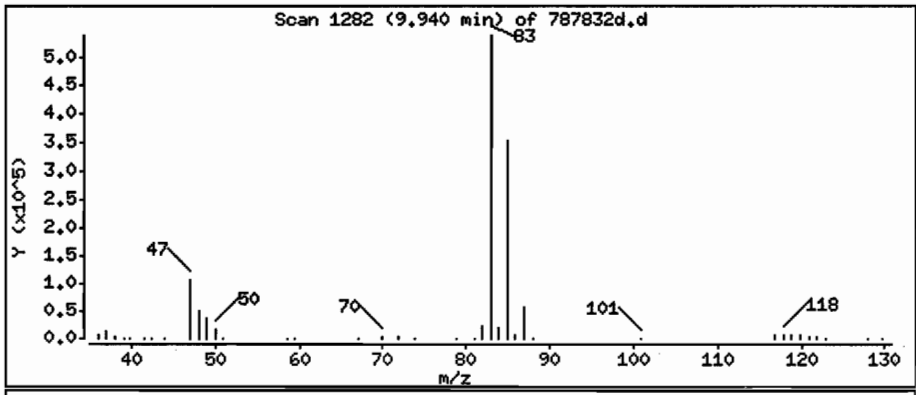
Operator: njr

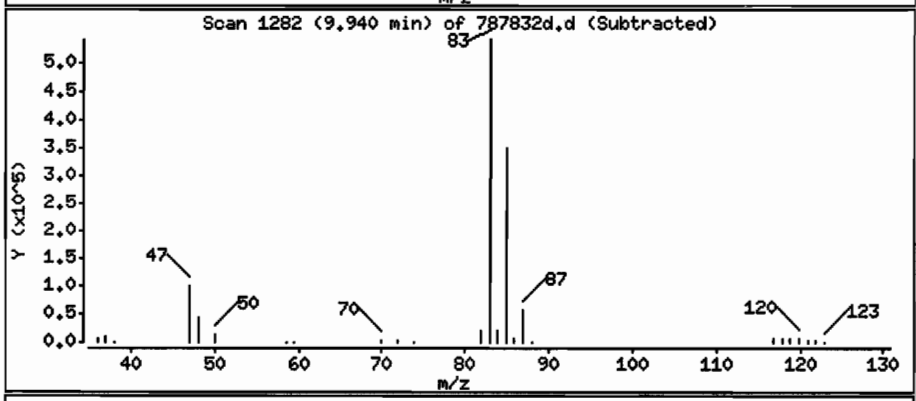
Column phase: RTX-624

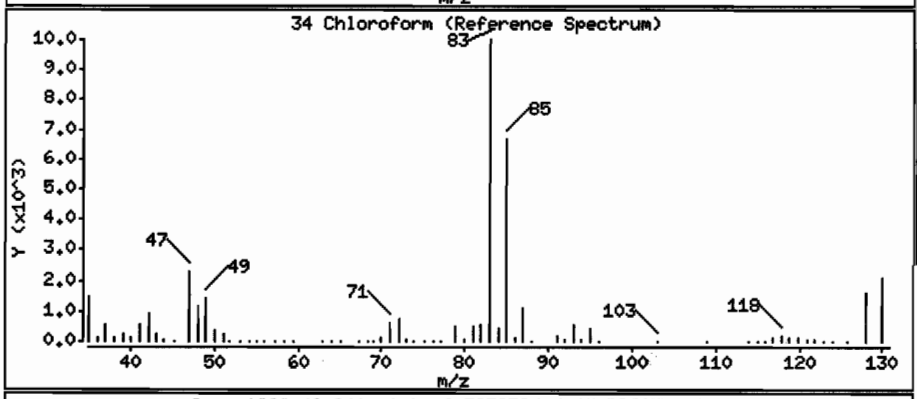
Column diameter: 0.32

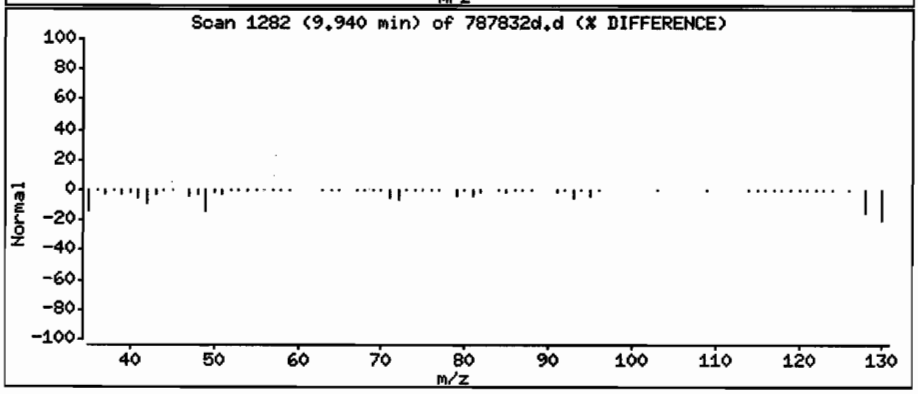
34 Chloroform

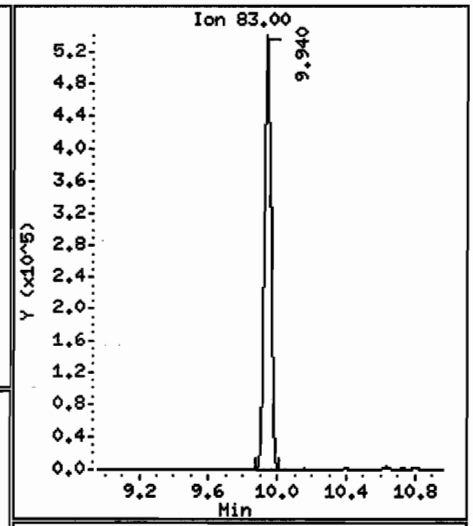
Concentration: 110 ppbv

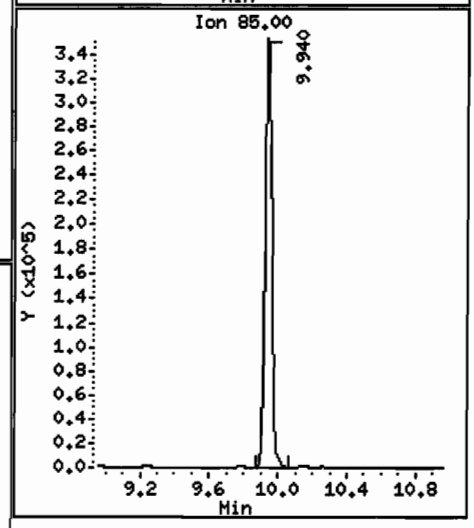












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d

Date : 12-MAR-2009 21:20

Client ID: VP-26V5.5N

Instrument: G.i

Sample Info: 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)

Purge Volume: 54.0

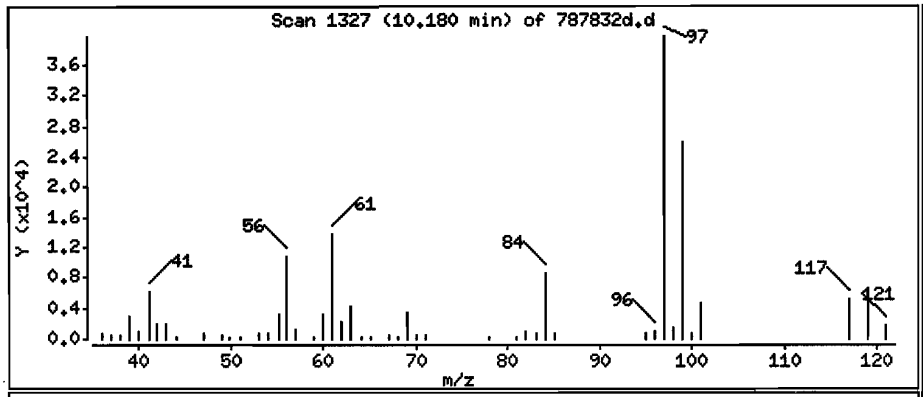
Operator: njr

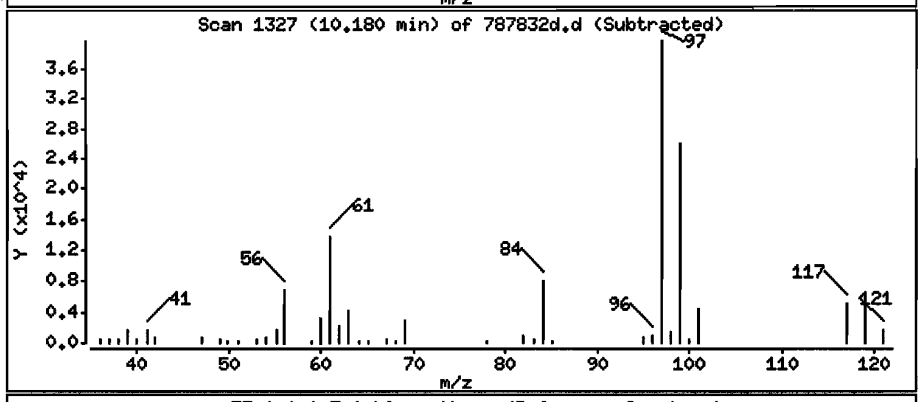
Column phase: RTX-624

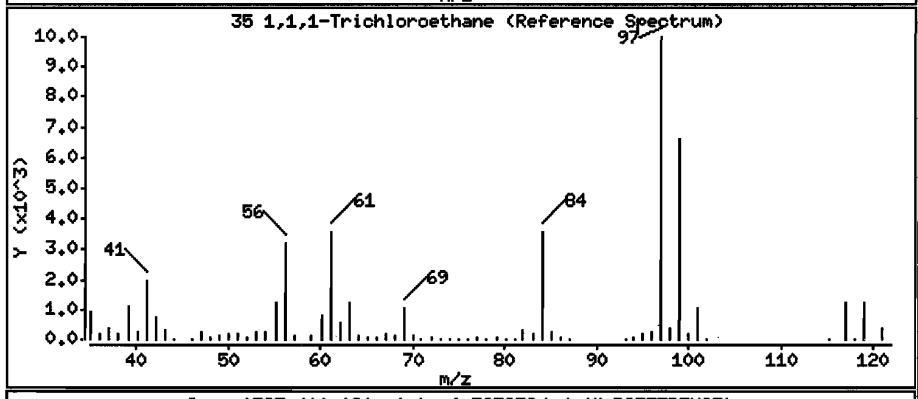
Column diameter: 0.32

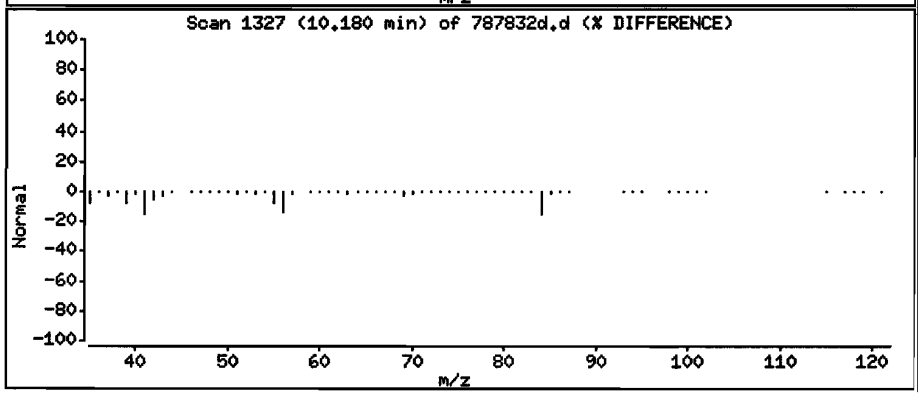
35 1,1,1-Trichloroethane

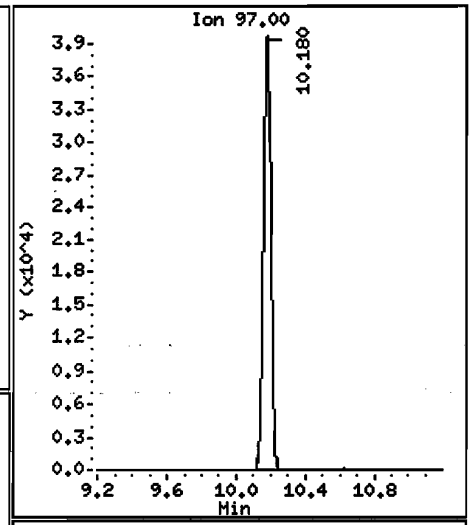
Concentration: 9.2 ppbv

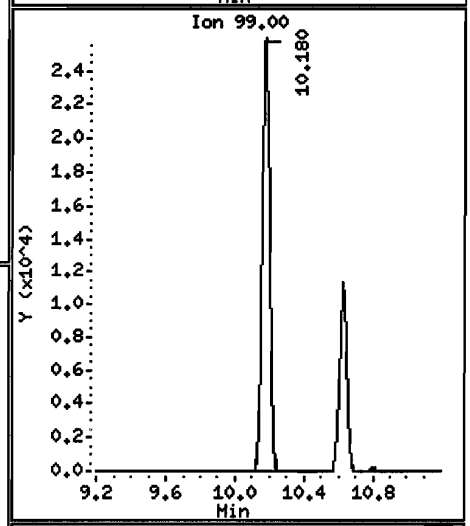


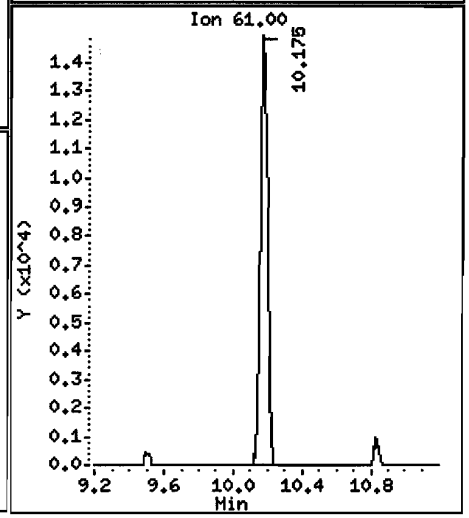












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d

Date : 12-MAR-2009 21:20

Client ID: VP-26V5.5N

Instrument: G.i

Sample Info: 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)

Purge Volume: 54.0

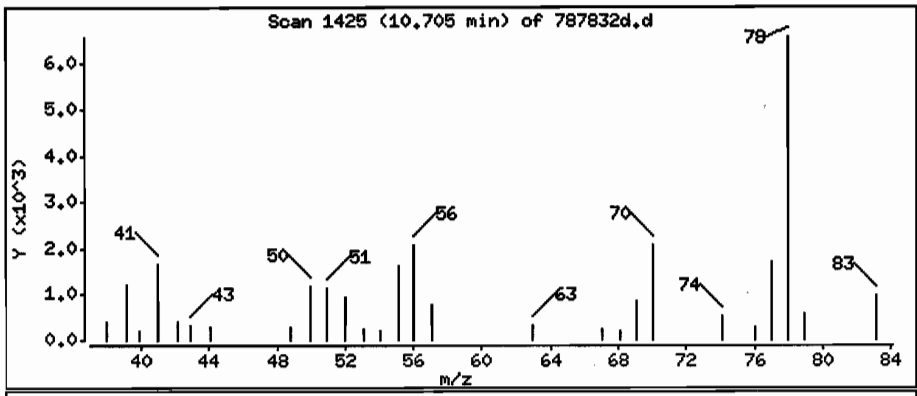
Operator: njr

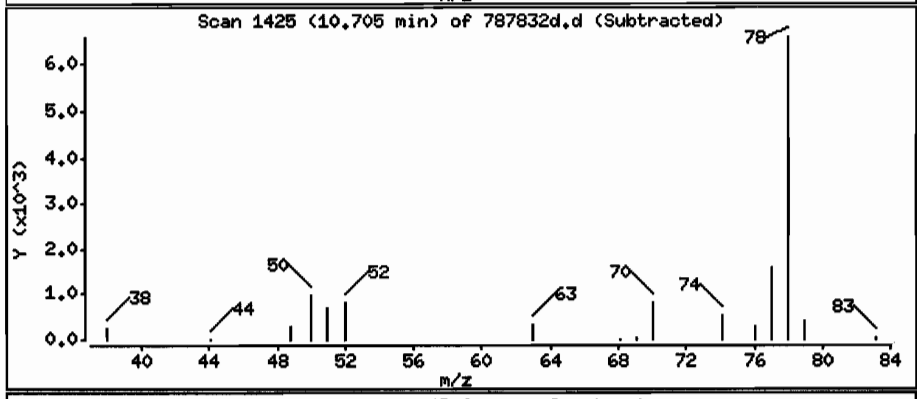
Column phase: RTX-624

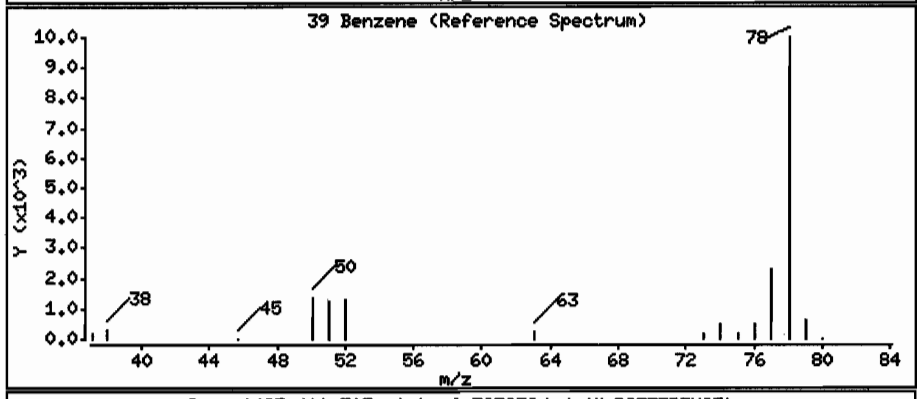
Column diameter: 0.32

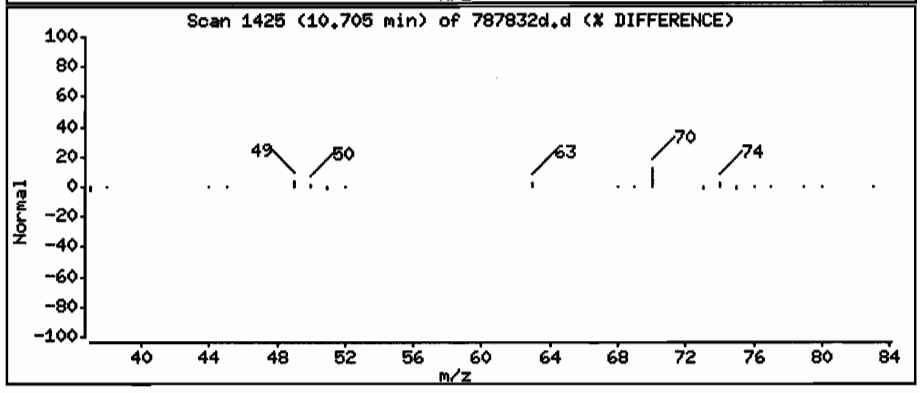
39 Benzene

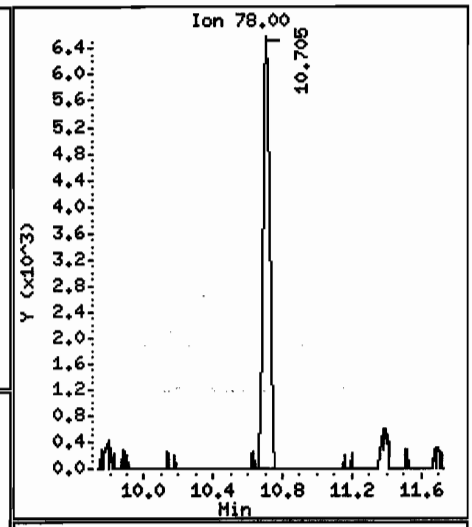
Concentration: 1.2 ppbv

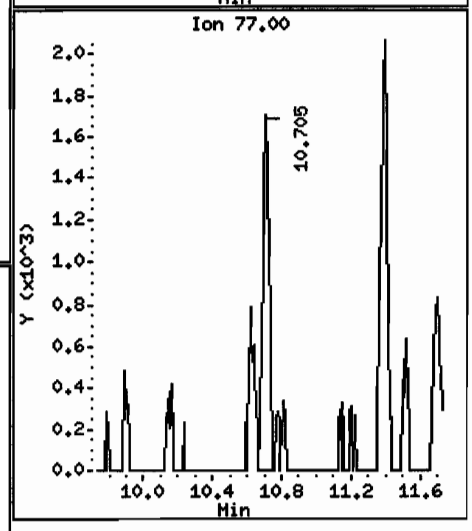












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d

Date : 12-MAR-2009 21:20

Client ID: VP-26V5.5N

Instrument: G.i

Sample Info: 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)

Purge Volume: 54.0

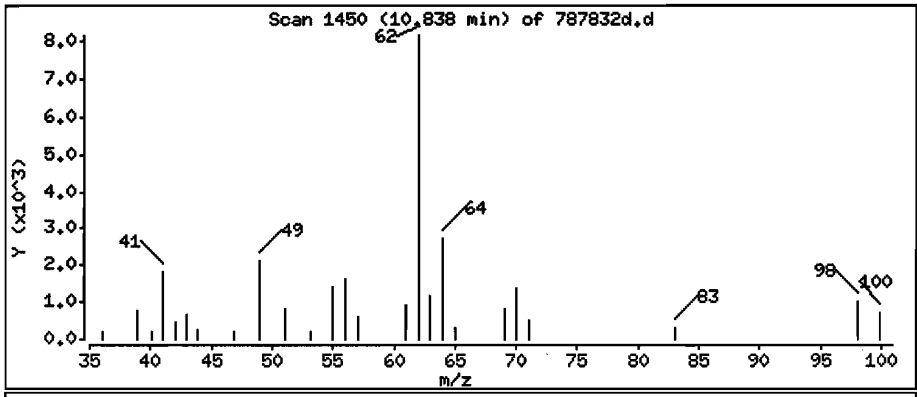
Operator: njr

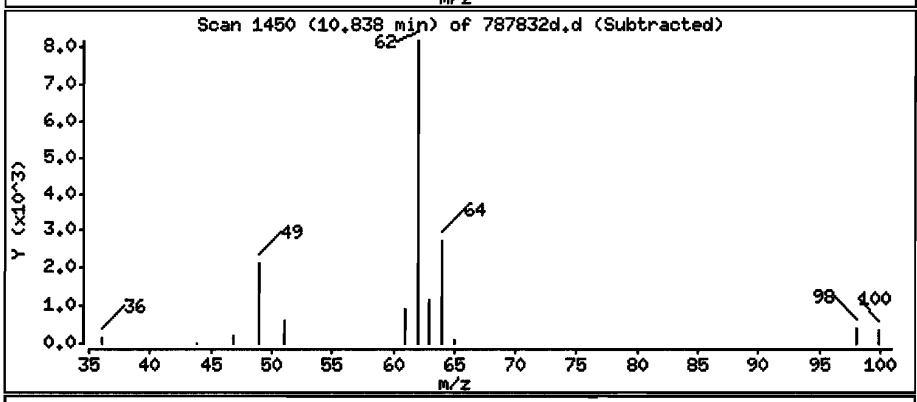
Column phase: RTX-624

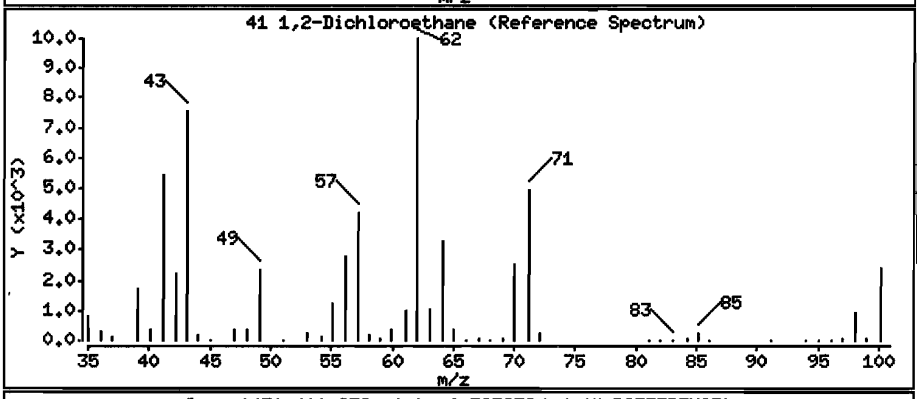
Column diameter: 0.32

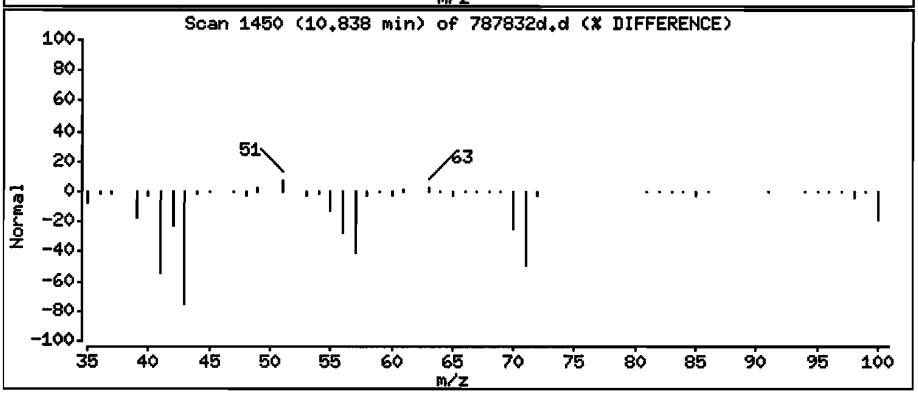
41 1,2-Dichloroethane

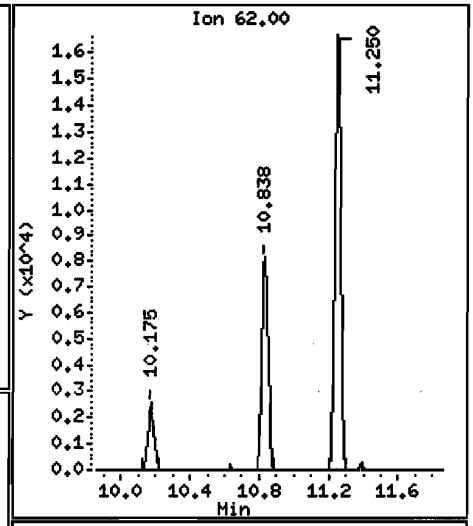
Concentration: 2.8 ppbv

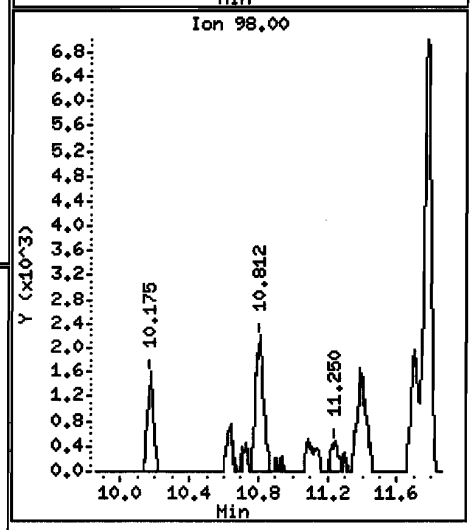












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d

Date : 12-MAR-2009 21:20

Client ID: VP-26V5.5N

Instrument: G.i

Sample Info: 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)

Purge Volume: 54.0

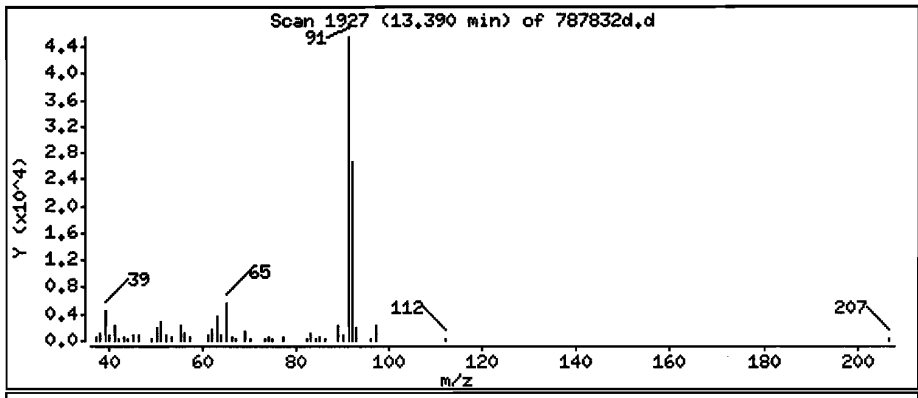
Operator: njr

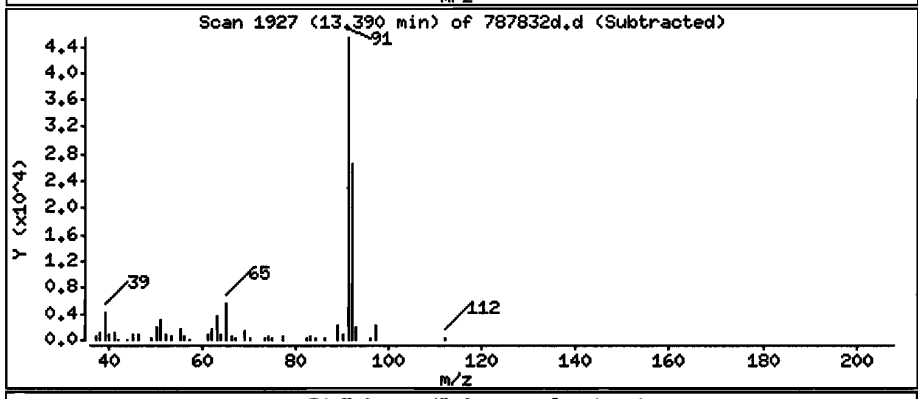
Column phase: RTX-624

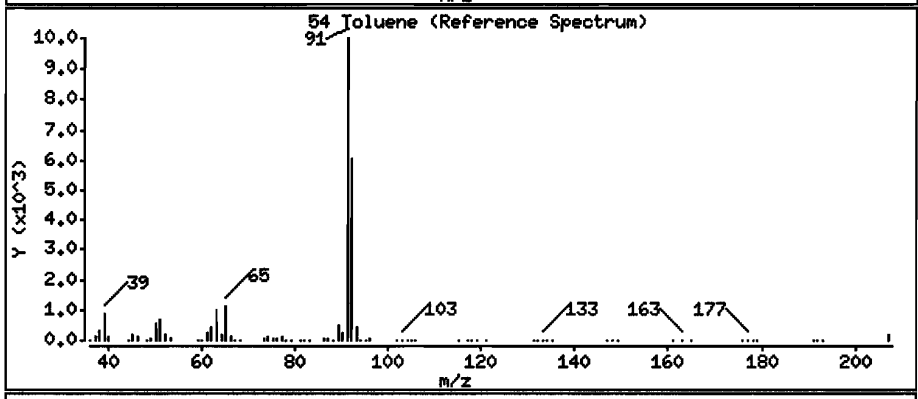
Column diameter: 0.32

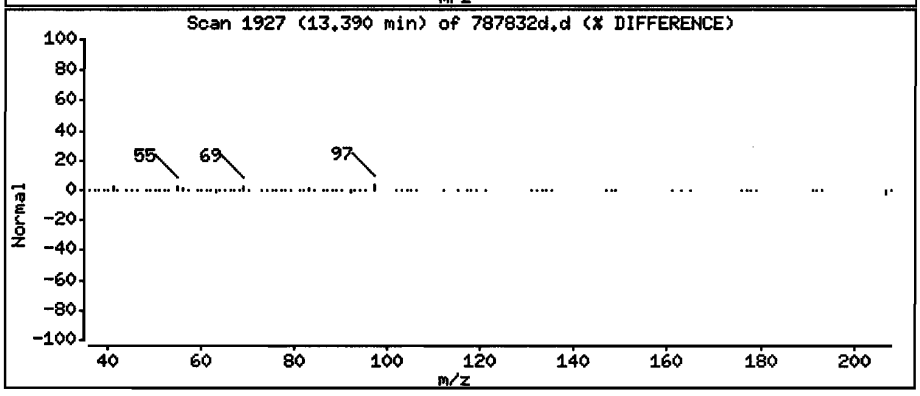
54 Toluene

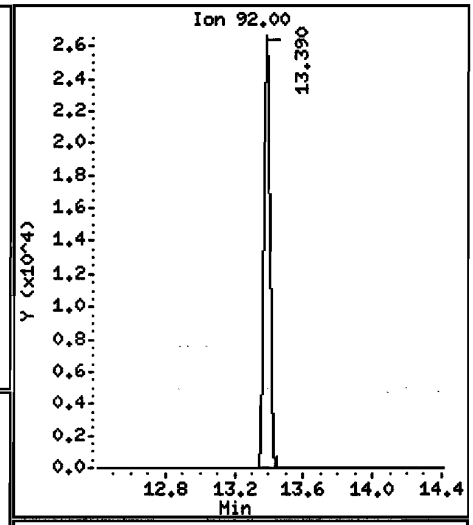
Concentration: 6.6 ppbv

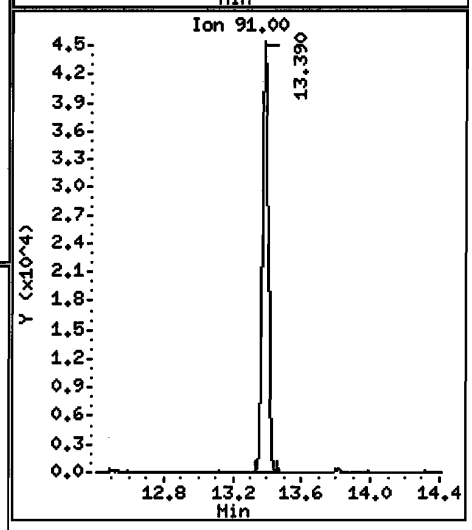












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d

Date : 12-MAR-2009 21:20

Client ID: VP-26V5.5N

Instrument: G.i

Sample Info: 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)

Purge Volume: 54.0

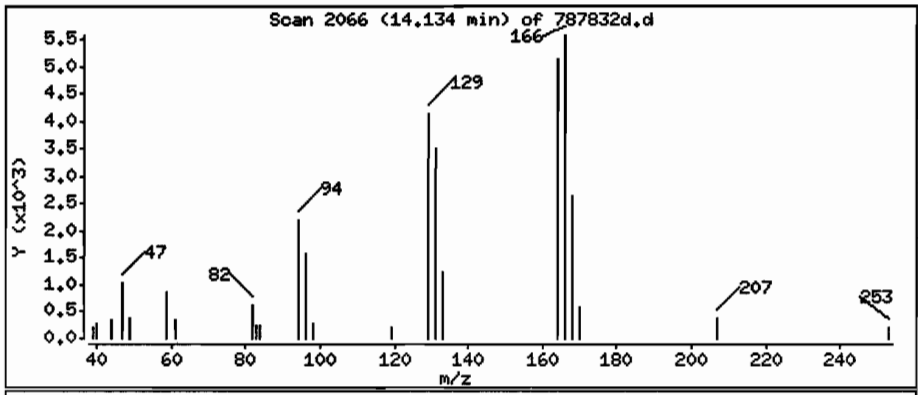
Operator: njr

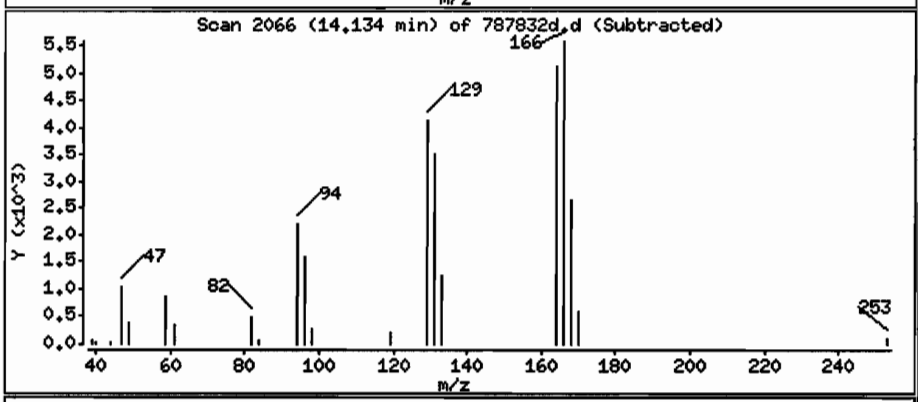
Column phase: RTX-624

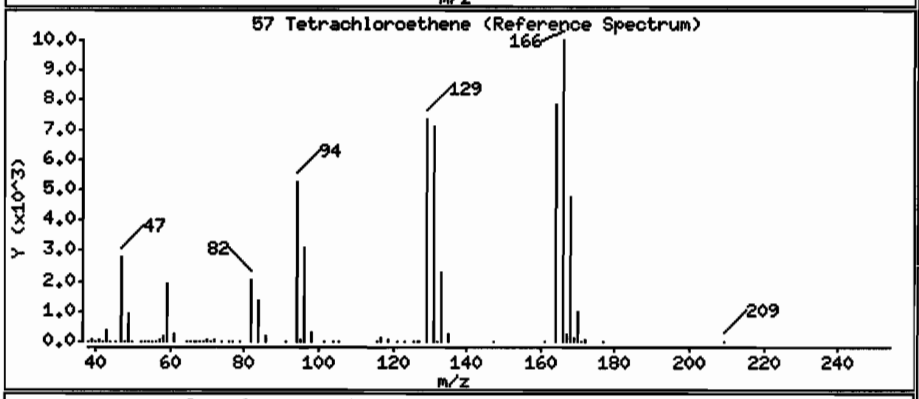
Column diameter: 0.32

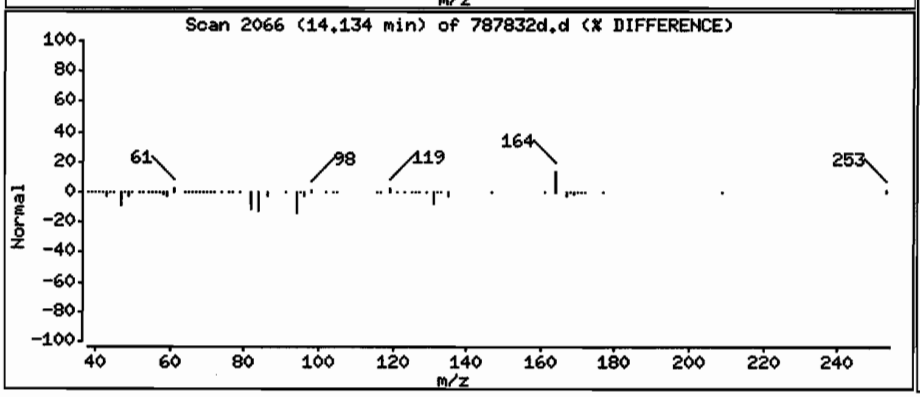
57 Tetrachloroethene

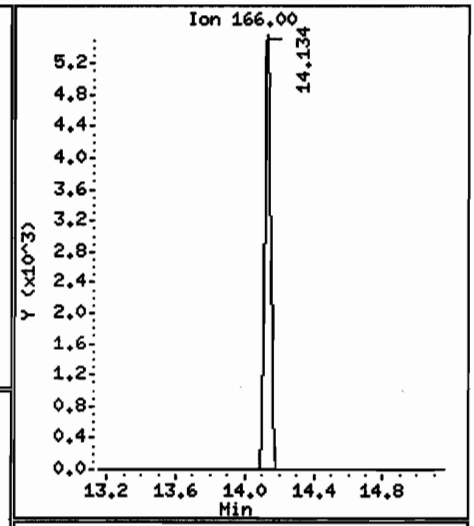
Concentration: 1.2 ppbv

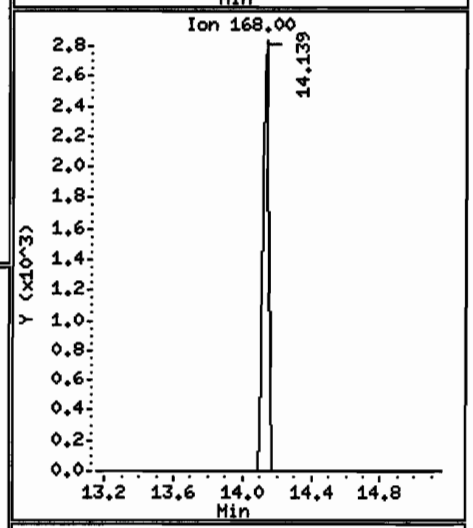


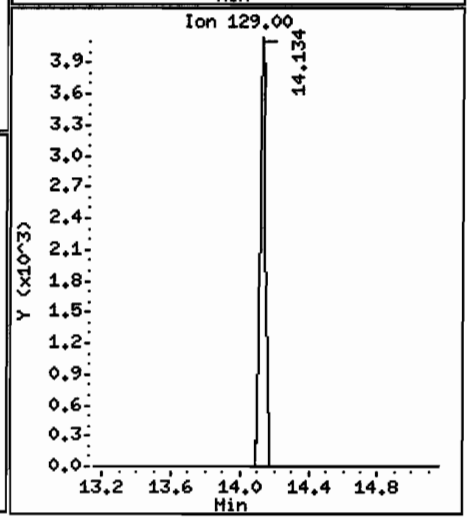












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d

Date : 12-MAR-2009 21:20

Client ID: VP-26V5.5N

Instrument: G.i

Sample Info: 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)

Purge Volume: 54.0

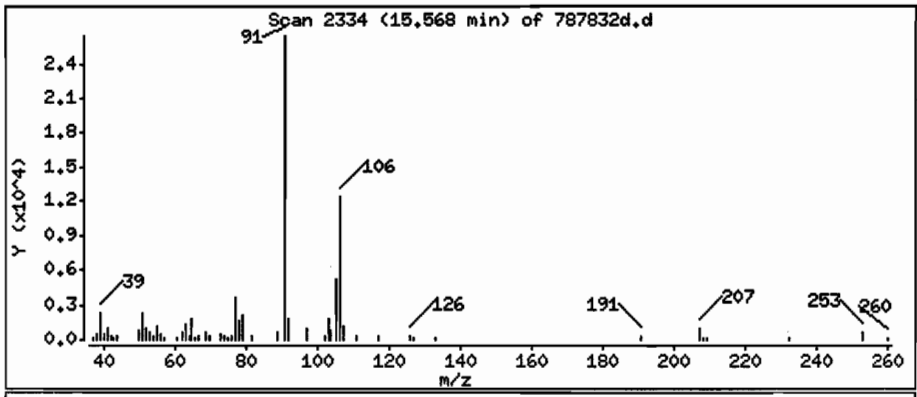
Operator: njr

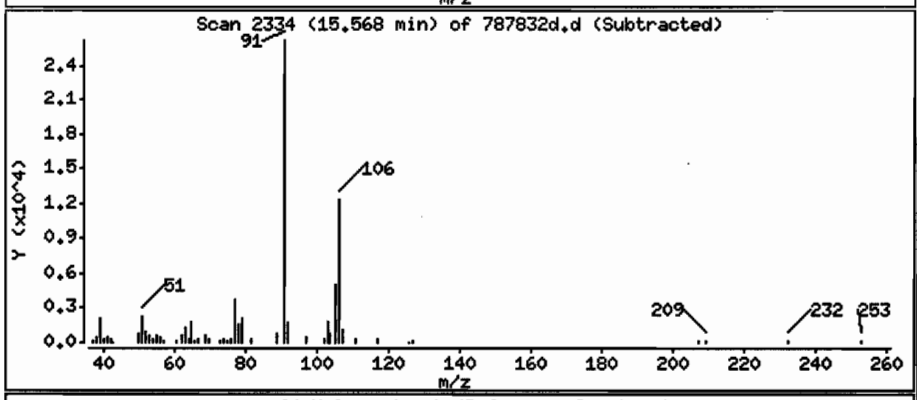
Column phase: RTX-624

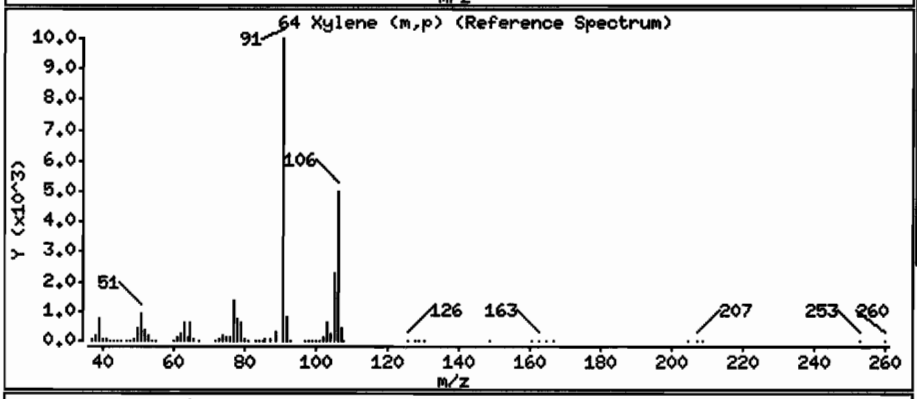
Column diameter: 0.32

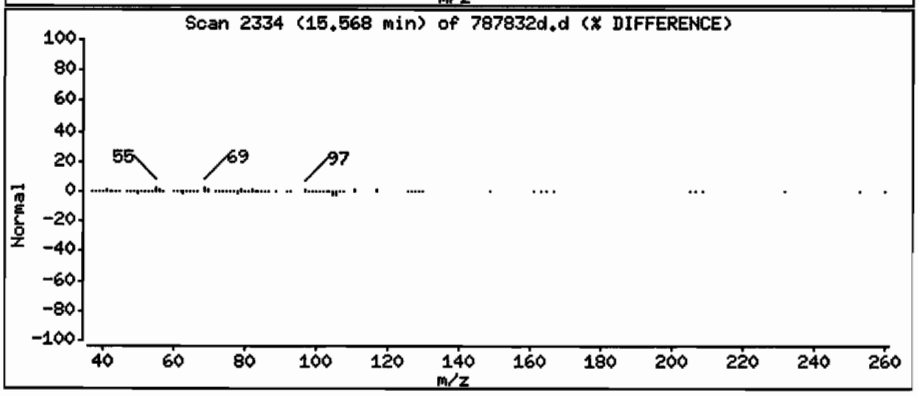
64 Xylene (m,p)

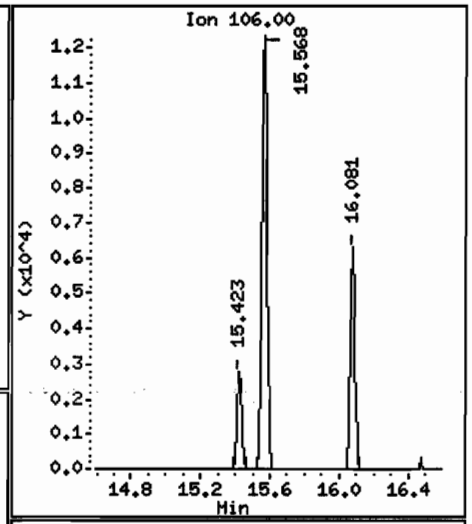
Concentration: 3.1 ppbv

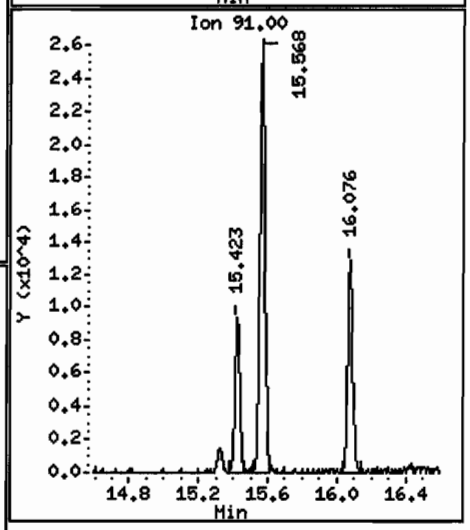












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787832d.d

Date : 12-MAR-2009 21:20

Client ID: VP-26V5.5N

Instrument: G.i

Sample Info: 20090304VP-26V5.5N :[ ]03/04/09 @1017(AIR)

Purge Volume: 54.0

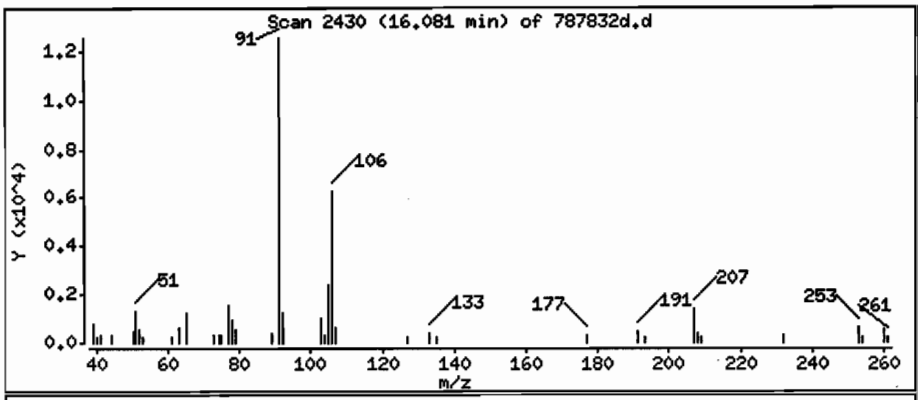
Operator: njr

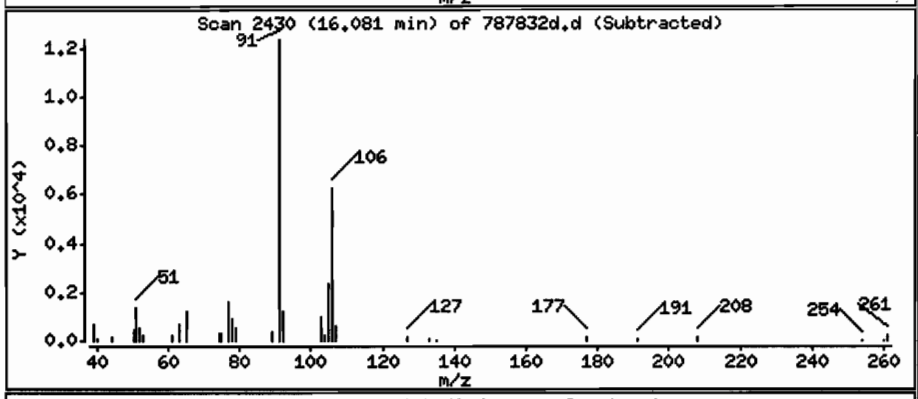
Column phase: RTX-624

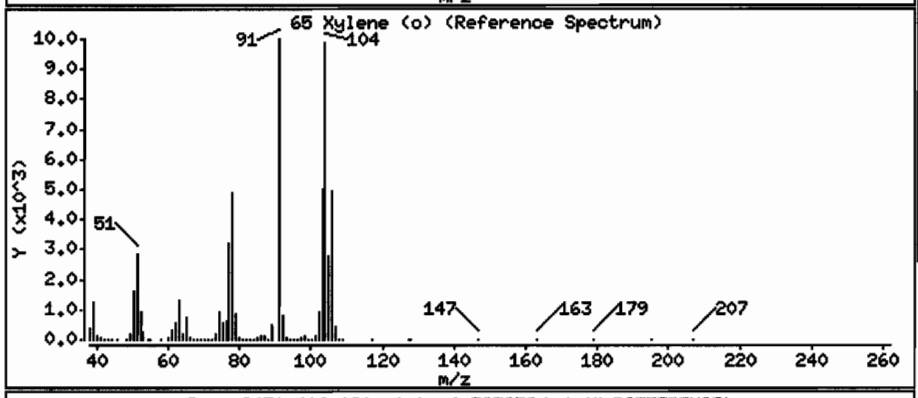
Column diameter: 0.32

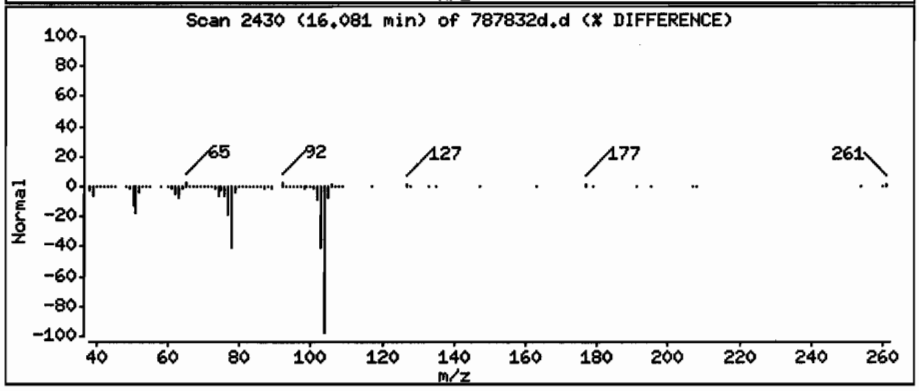
65 Xylene (o)

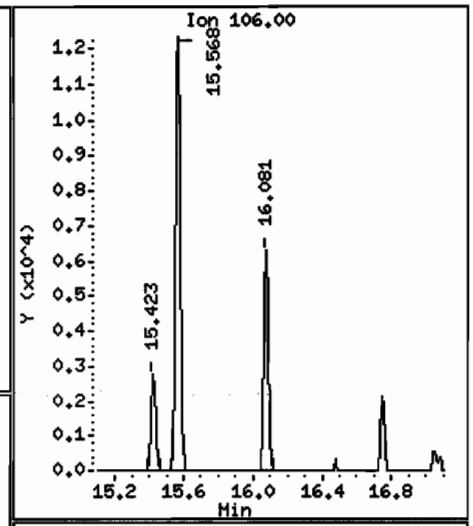
Concentration: 1.5 ppbv

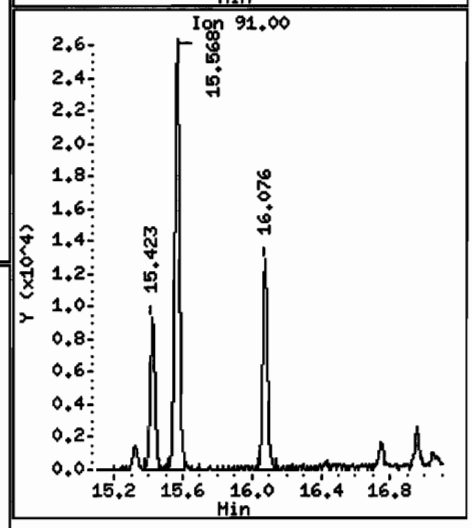












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-27V5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787834

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 787834D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4420.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	2200	U
75-01-4	Vinyl Chloride	920	
74-83-9	Bromomethane	880	U
75-00-3	Chloroethane	2200	U
75-35-4	1,1-Dichloroethene	880	U
67-64-1	Acetone	22000	U
75-15-0	Carbon Disulfide	2200	U
75-09-2	Methylene Chloride	2200	U
156-60-5	trans-1,2-Dichloroethene	1500	
75-34-3	1,1-Dichloroethane	880	U
78-93-3	Methyl Ethyl Ketone	2200	U
156-59-2	cis-1,2-Dichloroethene	100000	
67-66-3	Chloroform	880	U
71-55-6	1,1,1-Trichloroethane	880	U
56-23-5	Carbon Tetrachloride	880	U
71-43-2	Benzene	880	U
107-06-2	1,2-Dichloroethane	880	U
79-01-6	Trichloroethene	15000	
78-87-5	1,2-Dichloropropane	880	U
75-27-4	Bromodichloromethane	880	U
10061-01-5	cis-1,3-Dichloropropene	880	U
108-10-1	Methyl Isobutyl Ketone	2200	U
108-88-3	Toluene	880	U
10061-02-6	trans-1,3-Dichloropropene	880	U
79-00-5	1,1,2-Trichloroethane	880	U
127-18-4	Tetrachloroethene	170000	
591-78-6	Methyl Butyl Ketone	2200	U
124-48-1	Dibromochloromethane	880	U
108-90-7	Chlorobenzene	880	U
100-41-4	Ethylbenzene	880	U
1330-20-7	Xylene (m,p)	2200	U
95-47-6	Xylene (o)	880	U
100-42-5	Styrene	880	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-27V5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787834

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 787834D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4420.0

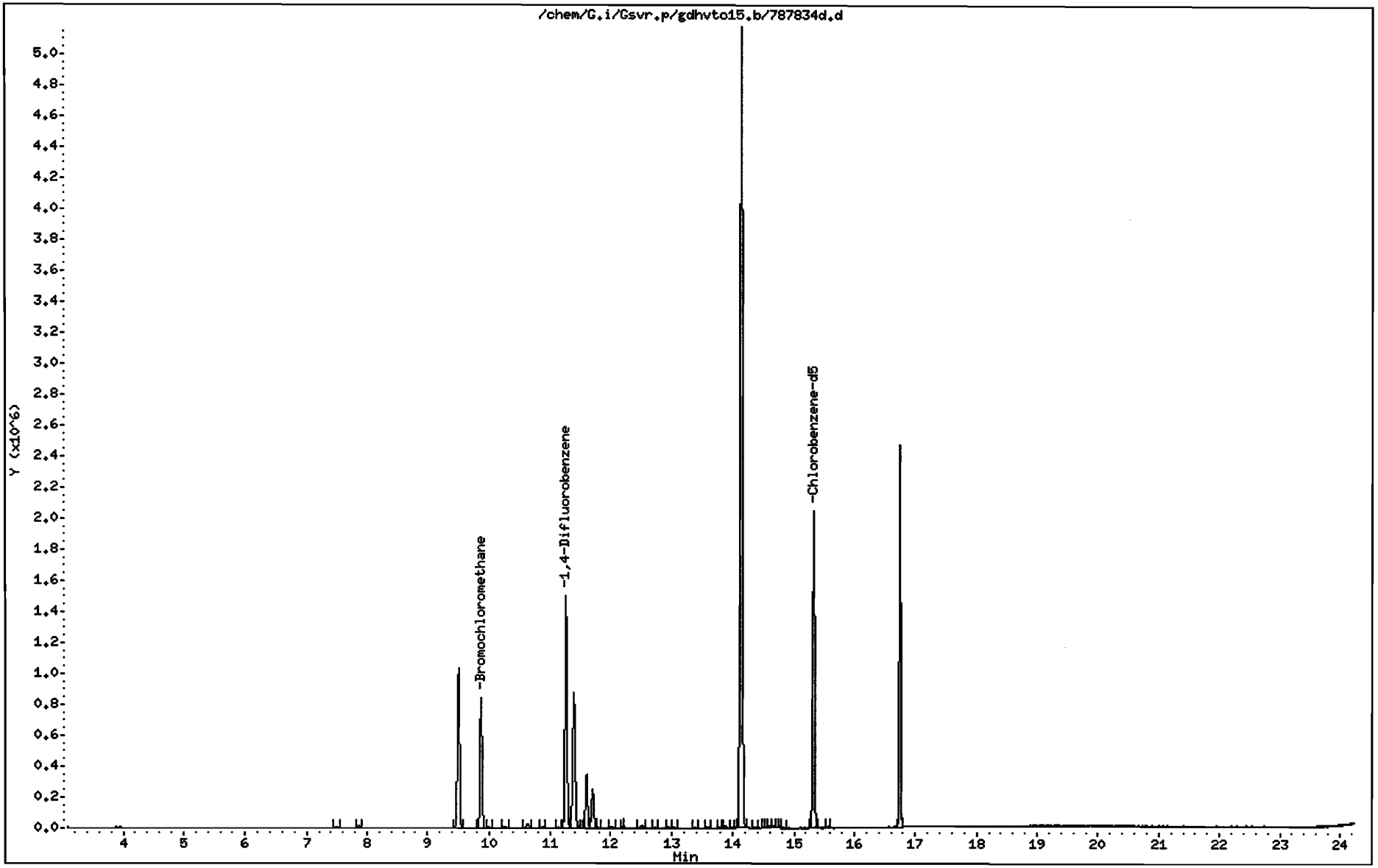
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	880	U
79-34-5	1,1,2,2-Tetrachloroethane	880	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787834d.d
Date : 13-MAR-2009 17:32
Client ID: VP-27V5N
Sample Info: 20090304VP-27V5N :[ ]03/04/09 @1305(AIR)
Purge Volume: 40.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/787834d.d
Lab Smp Id: 787834 Client Smp ID: VP-27V5N
Inj Date : 13-MAR-2009 17:32
Operator : njr Inst ID: G.i
Smp Info : 20090304VP-27V5N :[ ]03/04/09 @1305(AIR)
Misc Info : 787834;031209GA;4420;40;cdf 883
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 11
Dil Factor: 4420.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	4420.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.959	3.943	(0.401)	4182	0.20817	920
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	7.869	7.880	(0.797)	12333	0.34736	1500
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	594657	23.3731	100000
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	319882	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1645291	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.031)	145317	3.37913	15000
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	Compound Not Detected.					
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	14.134	14.155	(0.922)	2240847	37.4230	170000
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.321	15.348	(1.000)	1463013	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	Compound Not Detected.					
65 Xylene (o)	106	Compound Not Detected.					
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787834d.d

Date : 13-MAR-2009 17:32

Client ID: VP-27V5N

Instrument: G.i

Sample Info: 20090304VP-27V5N :[ ]03/04/09 @1305(AIR)

Purge Volume: 40.0

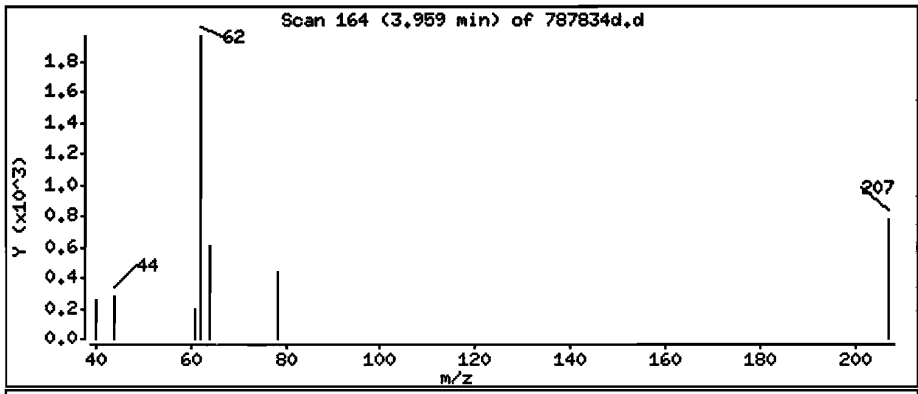
Operator: njr

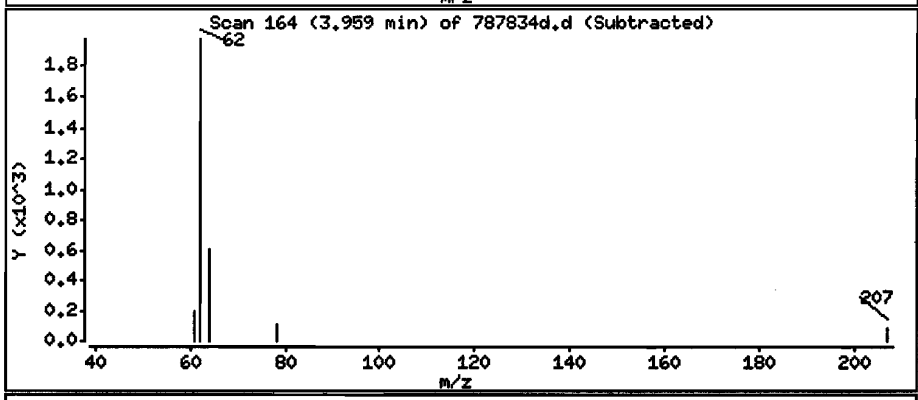
Column phase: RTX-624

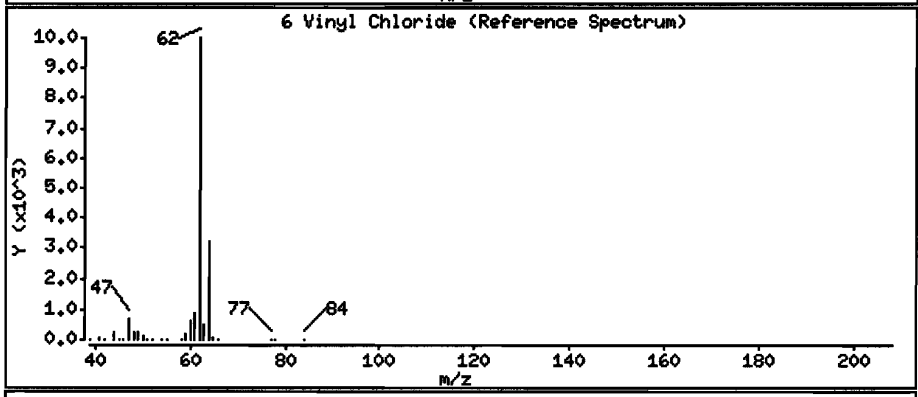
Column diameter: 0.32

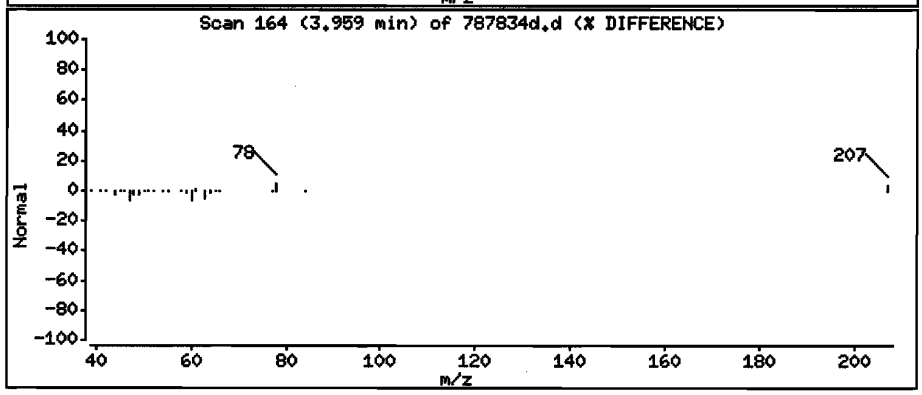
6 Vinyl Chloride

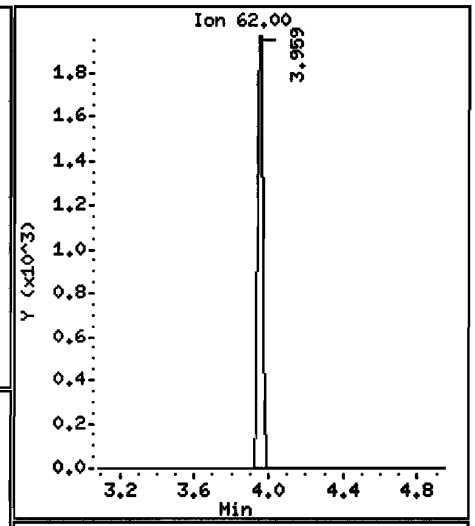
Concentration: 920 ppbv

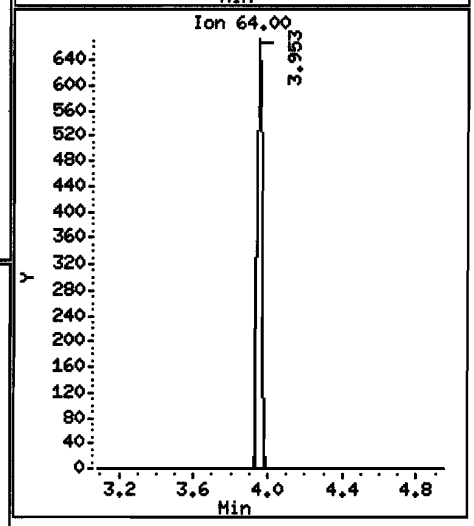












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787834d.d

Date : 13-MAR-2009 17:32

Client ID: VP-27V5N

Instrument: G.i

Sample Info: 20090304VP-27V5N :[ ]03/04/09 @1305(AIR)

Purge Volume: 40.0

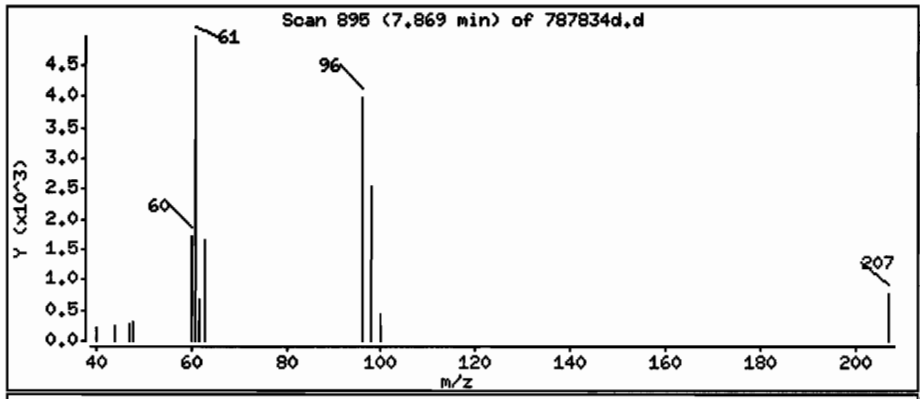
Operator: njr

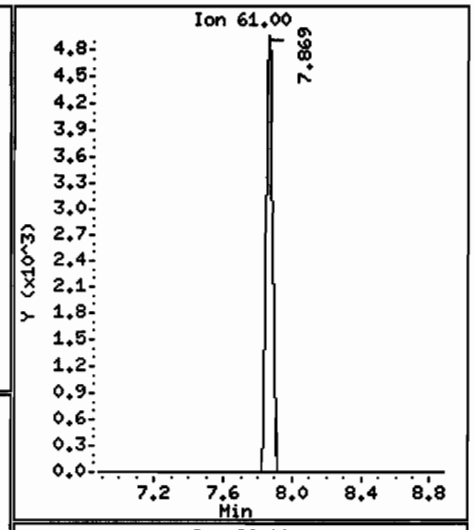
Column phase: RTX-624

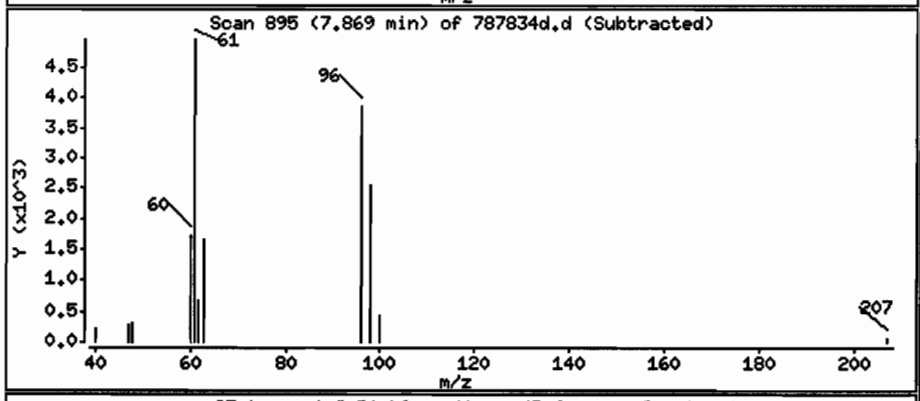
Column diameter: 0.32

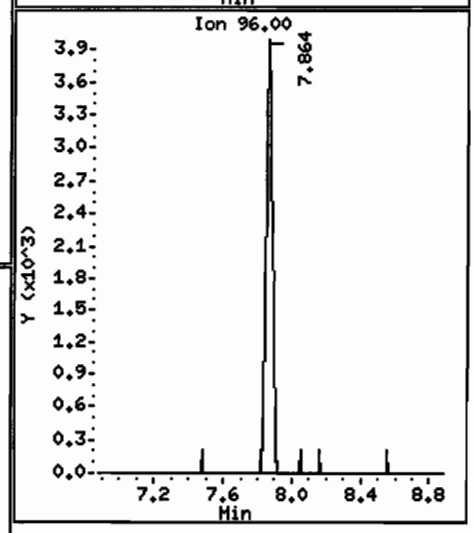
27 trans-1,2-Dichloroethene

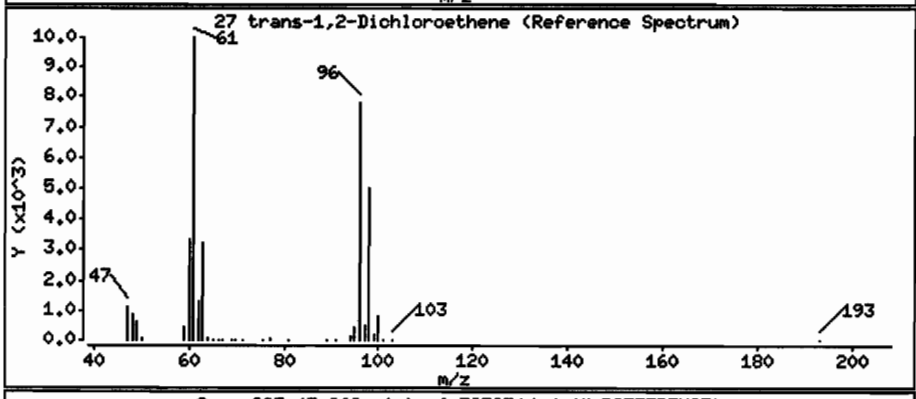
Concentration: 1500 ppbv

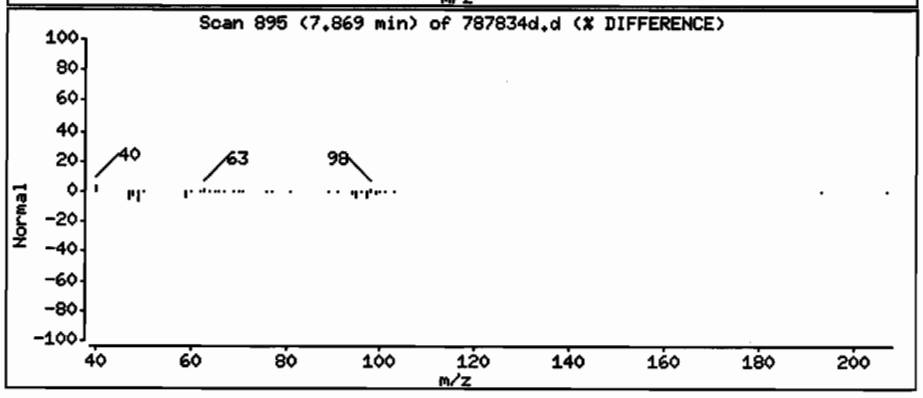












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787834d.d

Date : 13-MAR-2009 17:32

Client ID: VP-27V5N

Instrument: G.i

Sample Info: 20090304VP-27V5N :[103/04/09 @1305(AIR)

Purge Volume: 40.0

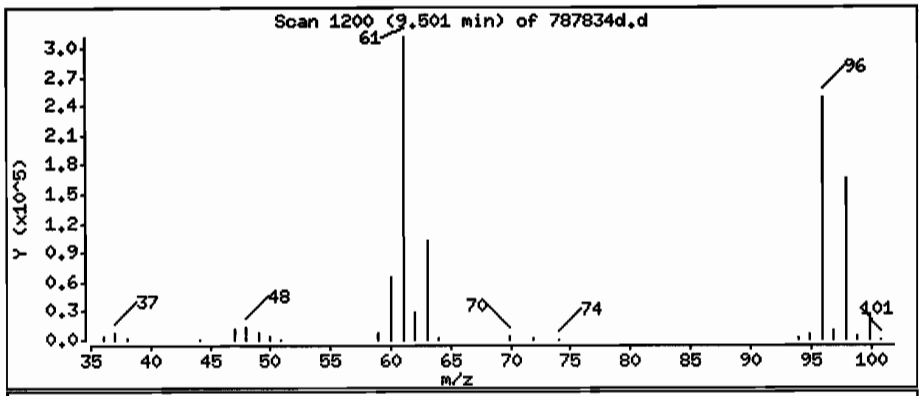
Operator: njr

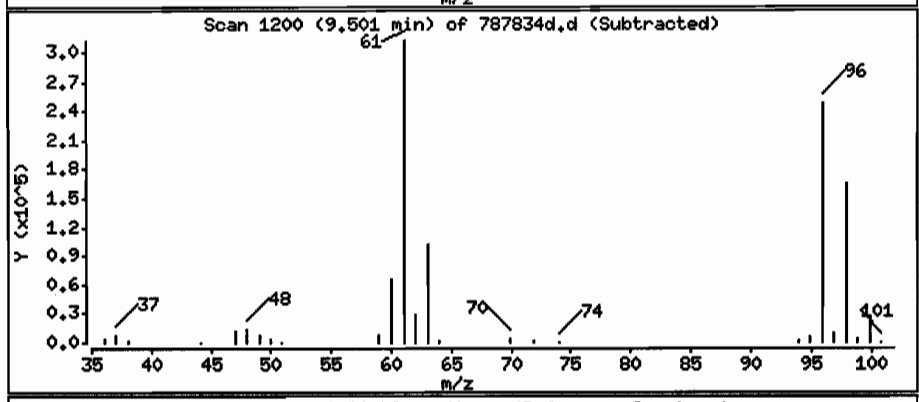
Column phase: RTX-624

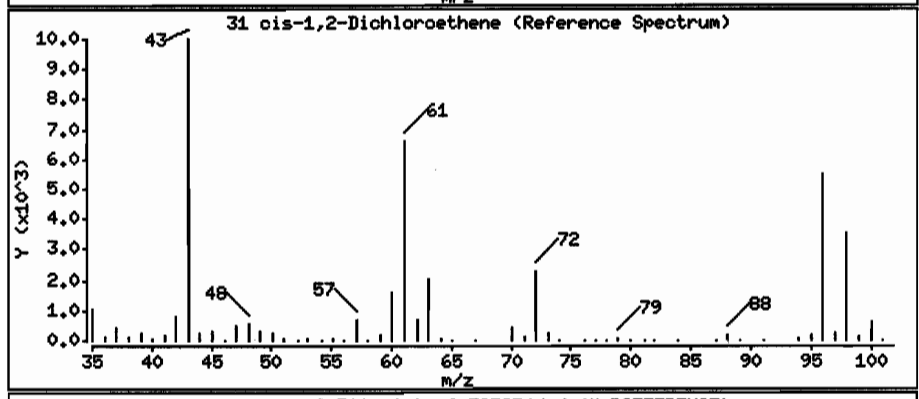
Column diameter: 0.32

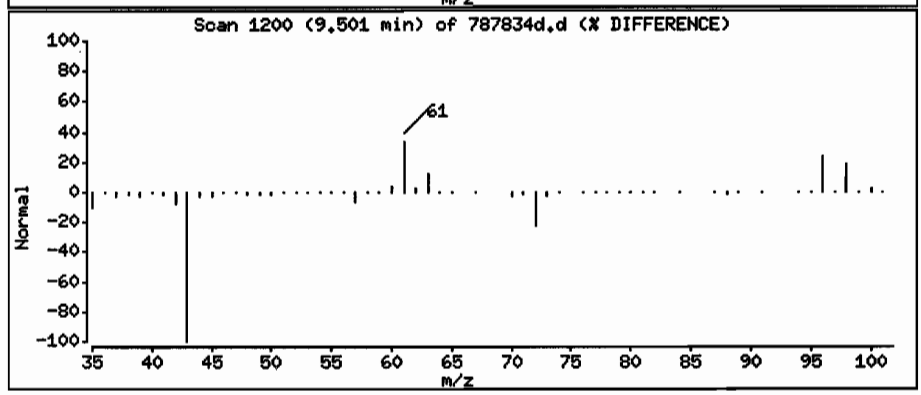
31 cis-1,2-Dichloroethene

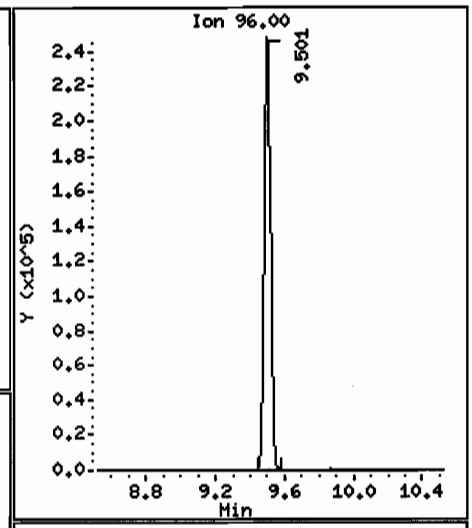
Concentration: 100000 ppbv

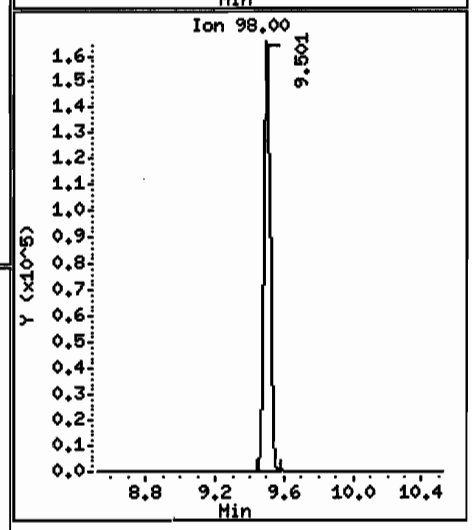












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787834d.d

Date : 13-MAR-2009 17:32

Client ID: VP-27V5N

Instrument: G.i

Sample Info: 20090304VP-27V5N :[ ]03/04/09 @1305(AIR)

Purge Volume: 40.0

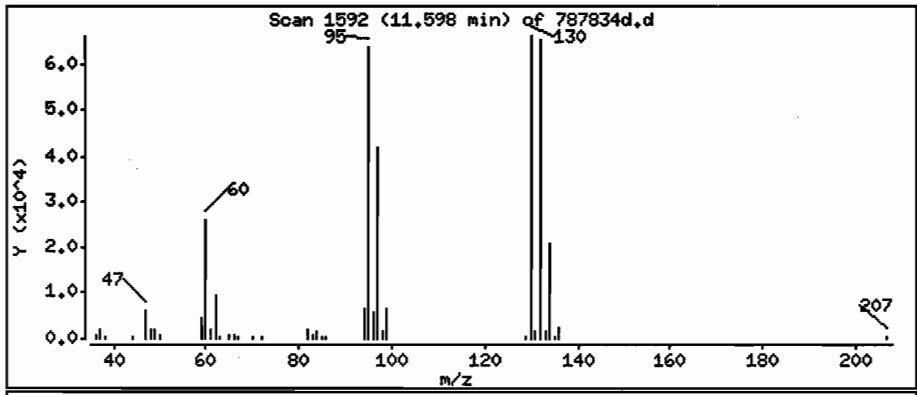
Operator: njr

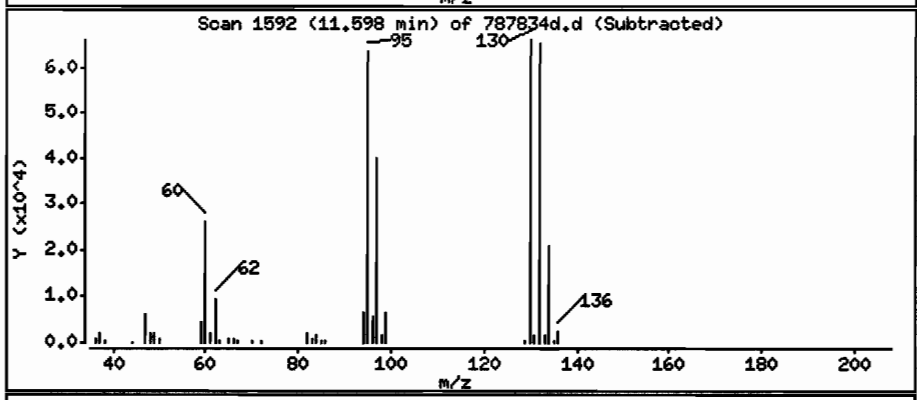
Column phase: RTX-624

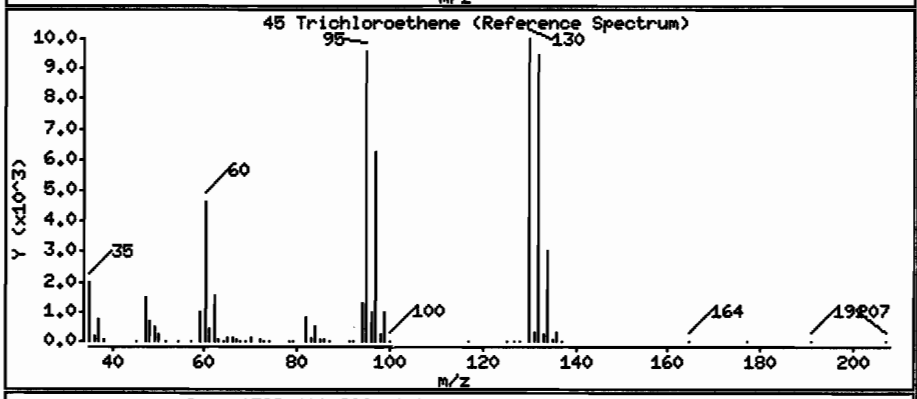
Column diameter: 0.32

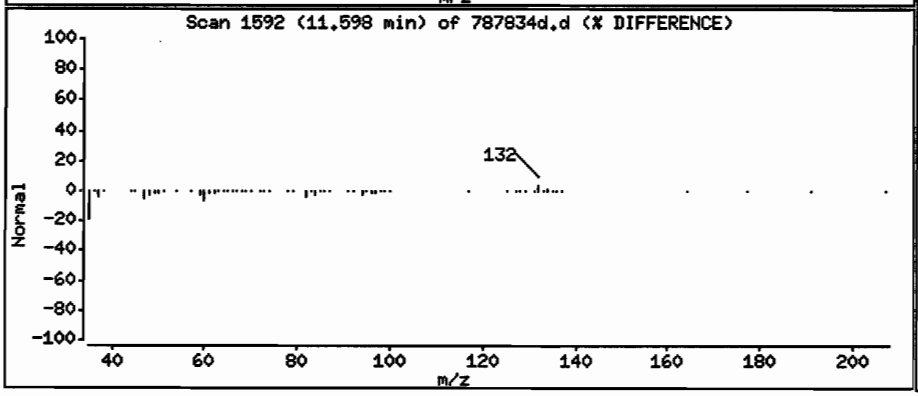
45 Trichloroethene

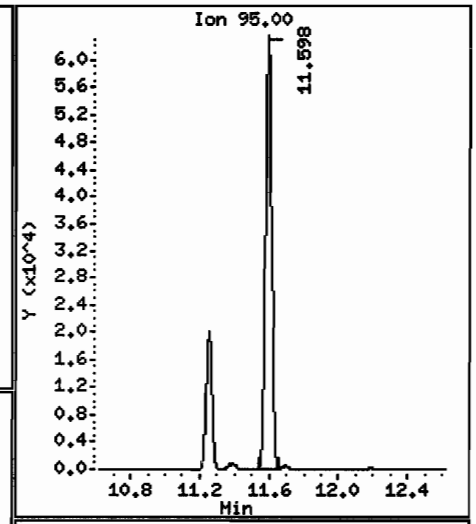
Concentration: 15000 ppbv

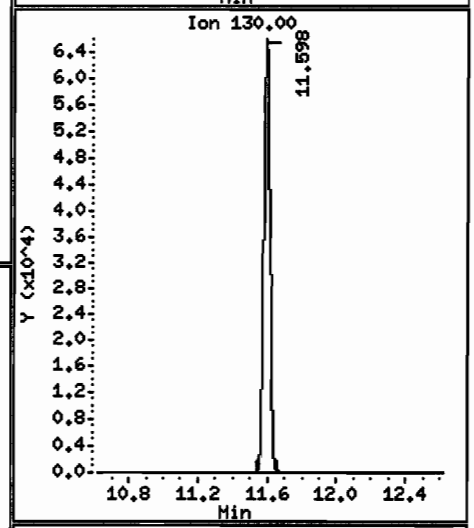


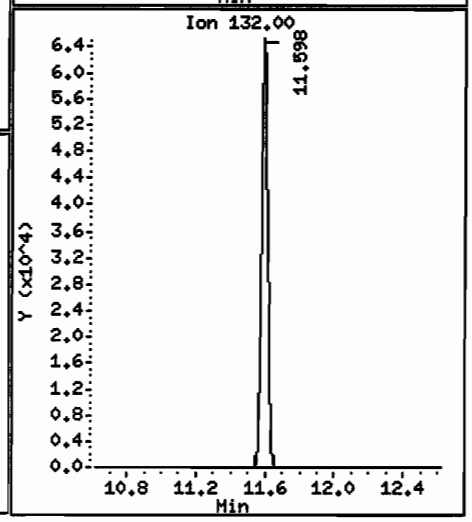












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787834d.d

Date : 13-MAR-2009 17:32

Client ID: VP-27V5N

Instrument: G.i

Sample Info: 20090304VP-27V5N :[ ]03/04/09 @1305(AIR)

Purge Volume: 40.0

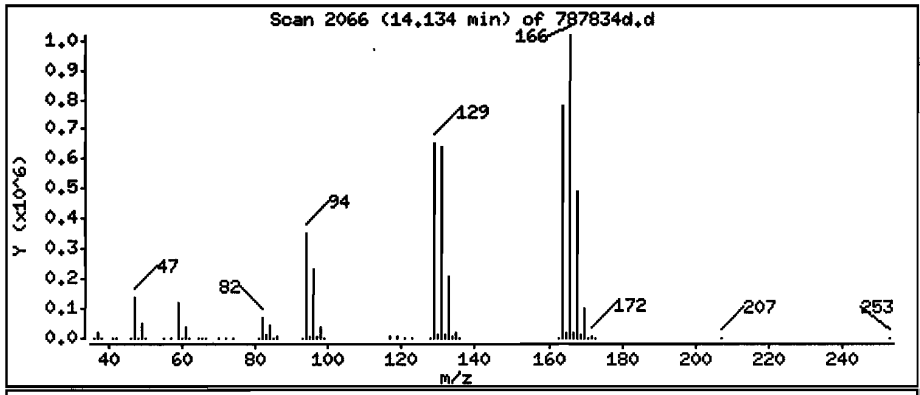
Operator: njr

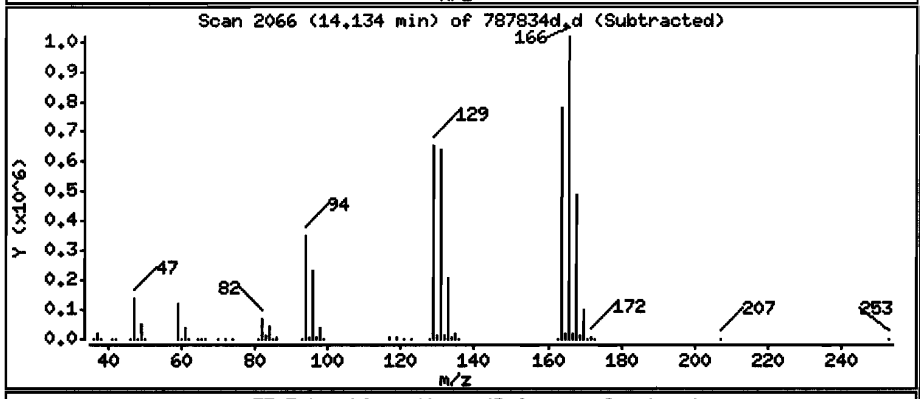
Column phase: RTX-624

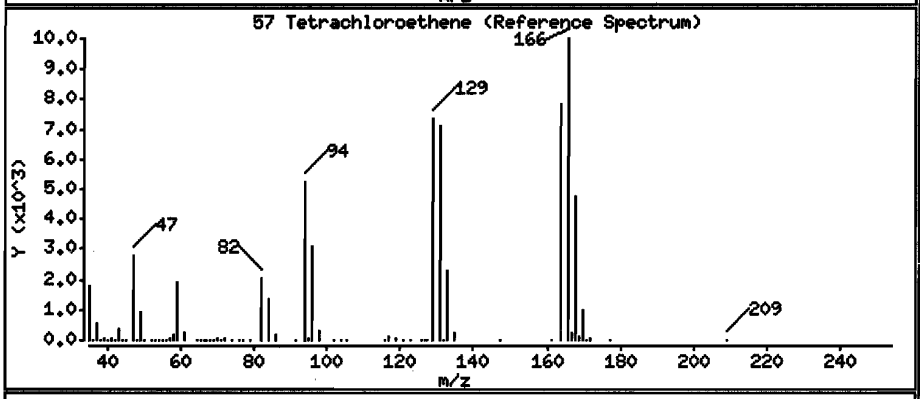
Column diameter: 0.32

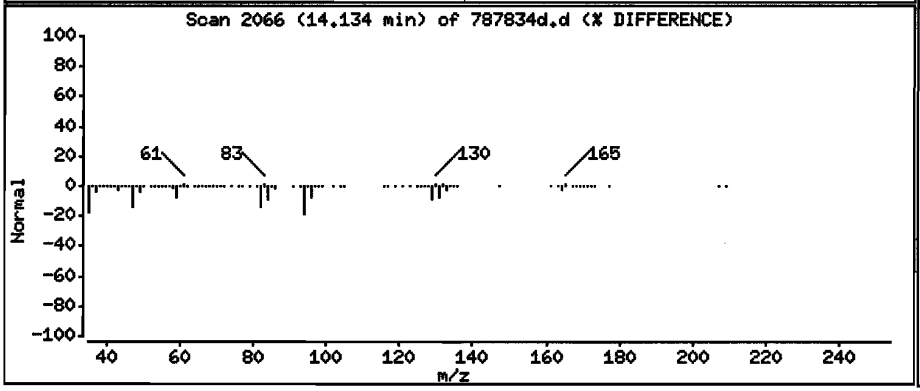
57 Tetrachloroethene

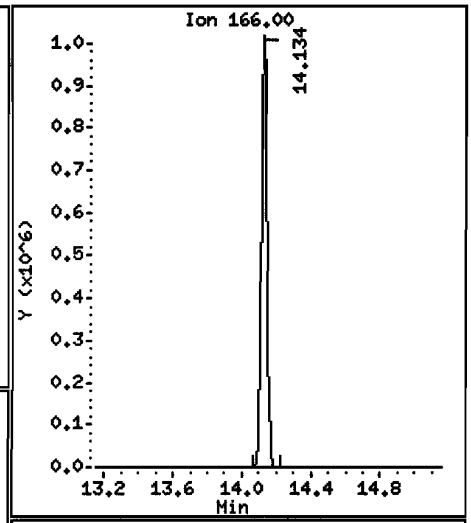
Concentration: 170000 ppbv

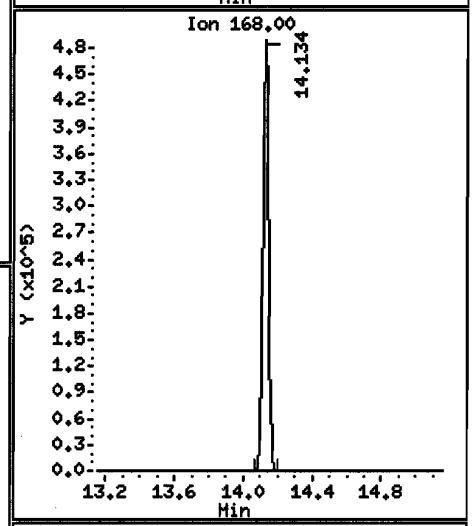


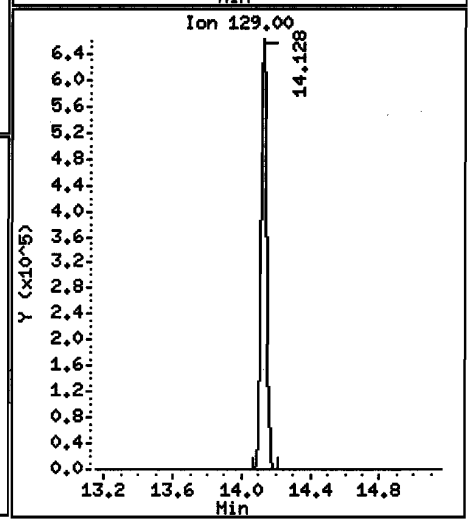












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-28V3.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787835

Sample wt/vol: 93.00 (g/mL) ML Lab File ID: 787835D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 150.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	75	U
75-01-4	Vinyl Chloride	4400	
74-83-9	Bromomethane	30	U
75-00-3	Chloroethane	75	U
75-35-4	1,1-Dichloroethene	30	U
67-64-1	Acetone	750	U
75-15-0	Carbon Disulfide	75	U
75-09-2	Methylene Chloride	75	U
156-60-5	trans-1,2-Dichloroethene	30	U
75-34-3	1,1-Dichloroethane	67	
78-93-3	Methyl Ethyl Ketone	75	U
156-59-2	cis-1,2-Dichloroethene	42	
67-66-3	Chloroform	41	
71-55-6	1,1,1-Trichloroethane	30	U
56-23-5	Carbon Tetrachloride	30	U
71-43-2	Benzene	30	U
107-06-2	1,2-Dichloroethane	260	
79-01-6	Trichloroethene	30	
78-87-5	1,2-Dichloropropane	30	U
75-27-4	Bromodichloromethane	30	U
10061-01-5	cis-1,3-Dichloropropene	30	U
108-10-1	Methyl Isobutyl Ketone	75	U
108-88-3	Toluene	47	
10061-02-6	trans-1,3-Dichloropropene	30	U
79-00-5	1,1,2-Trichloroethane	30	U
127-18-4	Tetrachloroethene	30	U
591-78-6	Methyl Butyl Ketone	75	U
124-48-1	Dibromochloromethane	30	U
108-90-7	Chlorobenzene	30	U
100-41-4	Ethylbenzene	30	U
1330-20-7	Xylene (m,p)	75	U
95-47-6	Xylene (o)	30	U
100-42-5	Styrene	30	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-28V3.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787835

Sample wt/vol: 93.00 (g/mL) ML Lab File ID: 787835D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 150.0

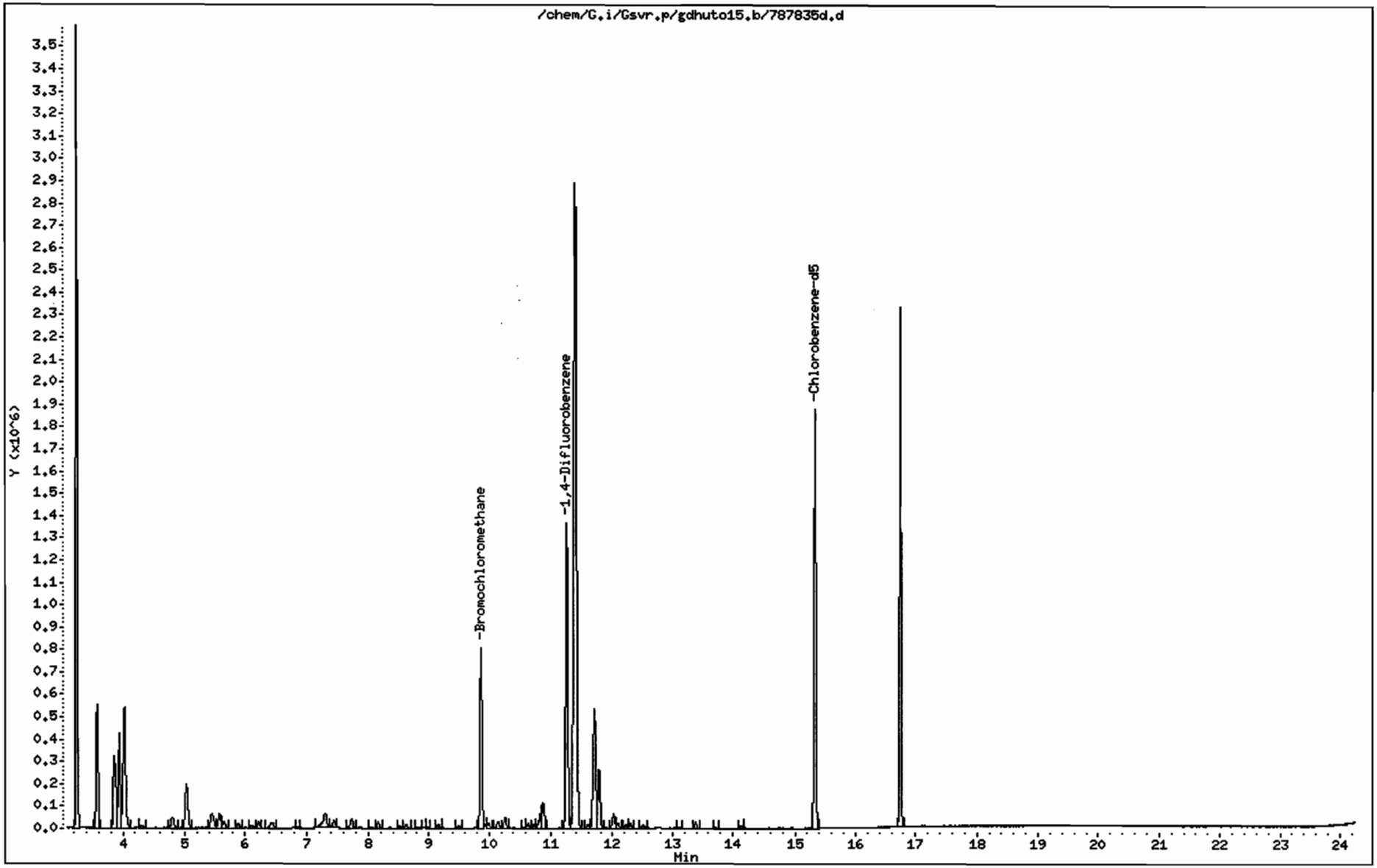
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	30	U
79-34-5	1,1,2,2-Tetrachloroethane	30	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787835d.d
Date : 12-MAR-2009 22:57
Client ID: VP-28V3.5N
Sample Info: 20090304VP-28V3.5N :[ ]03/04/09 @1322(AIR)
Purge Volume: 93.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/787835d.d
Lab Smp Id: 787835 Client Smp ID: VP-28V3.5N
Inj Date : 12-MAR-2009 22:57
Operator : njr Inst ID: G.i
Smp Info : 20090304VP-28V3.5N :[ ]03/04/09 @1322(AIR)
Misc Info : 787835;031209GA;150;93;cdf69.9
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 2
Dil Factor: 150.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	150.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	93.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.937	3.943	(0.399)	550599	29.4934	4400
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	8.618	8.640	(0.873)	18147	0.44561	67
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	6600	0.27915	42
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	297263	10.0000	
34 Chloroform	83	9.940	9.961	(1.007)	14388	0.27614	41
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	37 Carbon Tetrachloride	117	Compound Not Detected.					
	39 Benzene	78	Compound Not Detected.					
	41 1,2-Dichloroethane	62	10.838	10.860	(0.963)	63625	1.73457	260
*	43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1455215	10.0000	
	45 Trichloroethene	95	11.593	11.620	(1.030)	7513	0.19752	30
	47 1,2-Dichloropropane	63	Compound Not Detected.					
	50 Bromodichloromethane	83	Compound Not Detected.					
	51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	54 Toluene	92	13.390	13.412	(0.874)	14736	0.31383	47
	55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	56 1,1,2-Trichloroethane	83	Compound Not Detected.					
	57 Tetrachloroethene	166	Compound Not Detected.					
	58 Methyl Butyl Ketone	43	Compound Not Detected.					
	59 Dibromochloromethane	129	Compound Not Detected.					
*	61 Chlorobenzene-d5	117	15.321	15.348	(1.000)	1295010	10.0000	
	62 Chlorobenzene	112	Compound Not Detected.					
	63 Ethylbenzene	91	Compound Not Detected.					
	64 Xylene (m,p)	106	Compound Not Detected.					
	65 Xylene (o)	106	Compound Not Detected.					
	66 Styrene	104	Compound Not Detected.					
	67 Bromoform	173	Compound Not Detected.					
	69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787835d.d

Date : 12-MAR-2009 22:57

Client ID: VP-28V3.5N

Instrument: G.i

Sample Info: 20090304VP-28V3.5N :[ ]03/04/09 @1322(AIR)

Purge Volume: 93.0

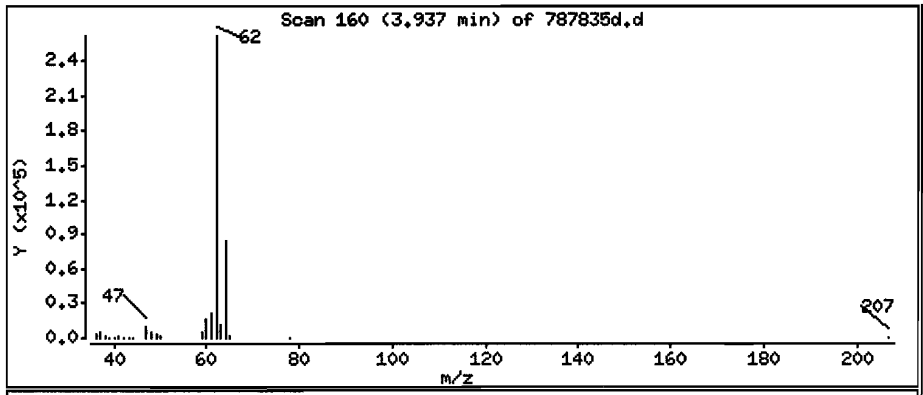
Operator: njr

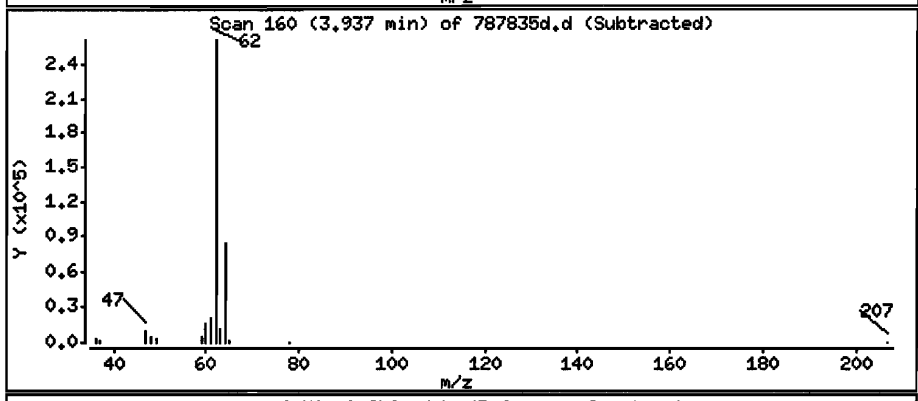
Column phase: RTX-624

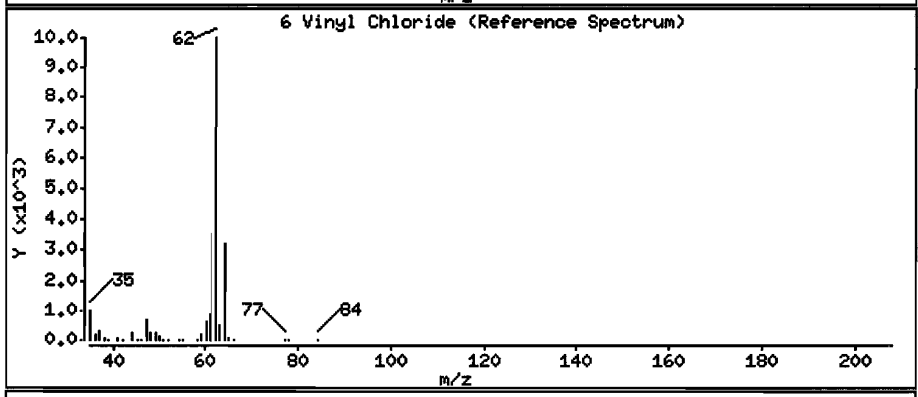
Column diameter: 0.32

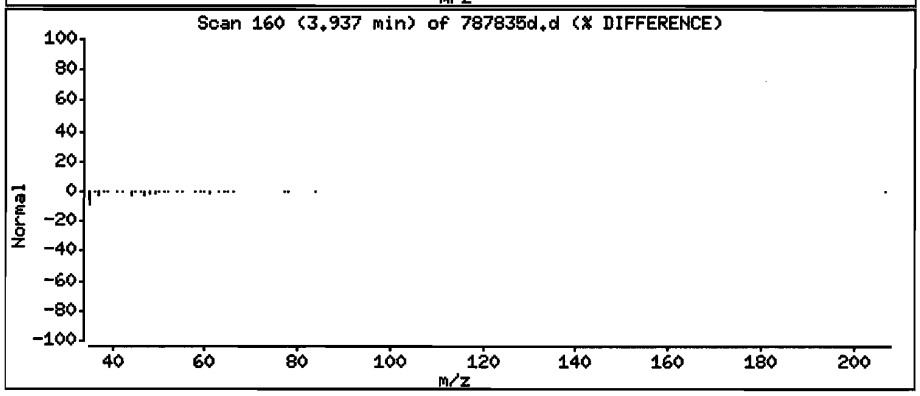
6 Vinyl Chloride

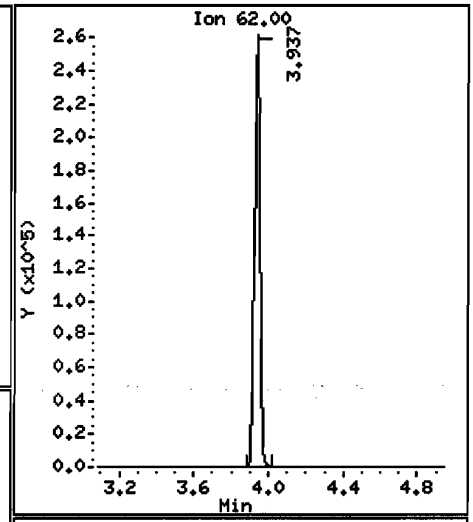
Concentration: 4400 ppbv

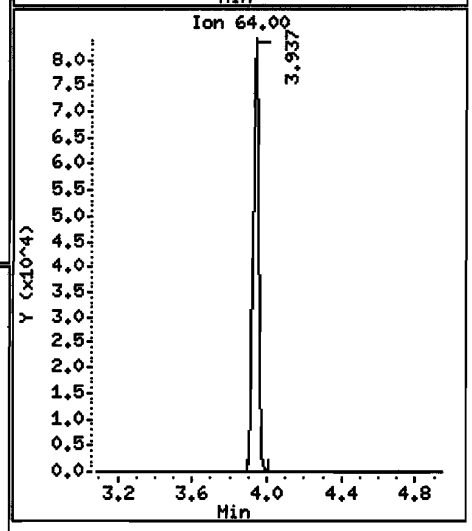












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787835d.d

Date : 12-MAR-2009 22:57

Client ID: VP-28V3.5N

Instrument: G.i

Sample Info: 20090304VP-28V3.5N :[ ]03/04/09 @1322(AIR)

Purge Volume: 93.0

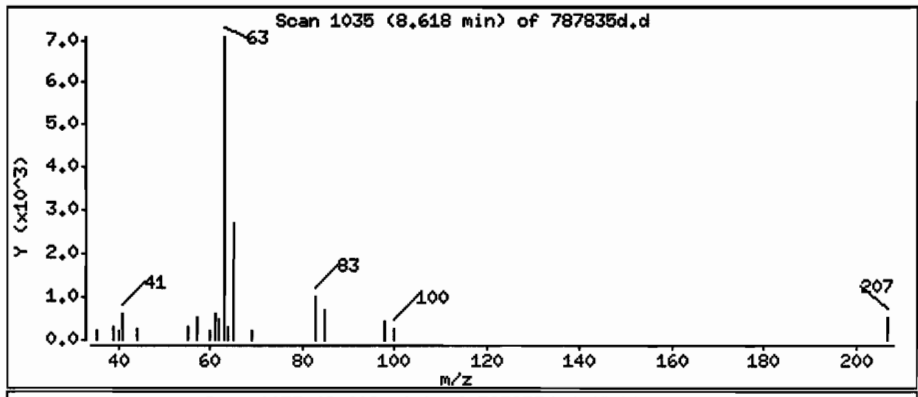
Operator: njr

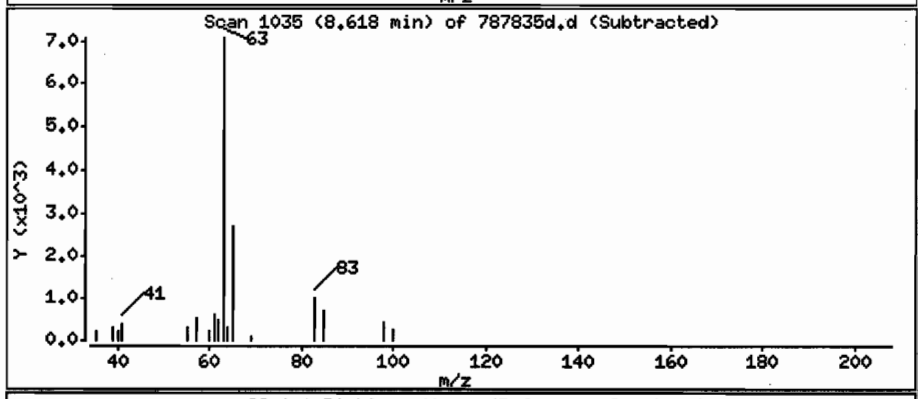
Column phase: RTX-624

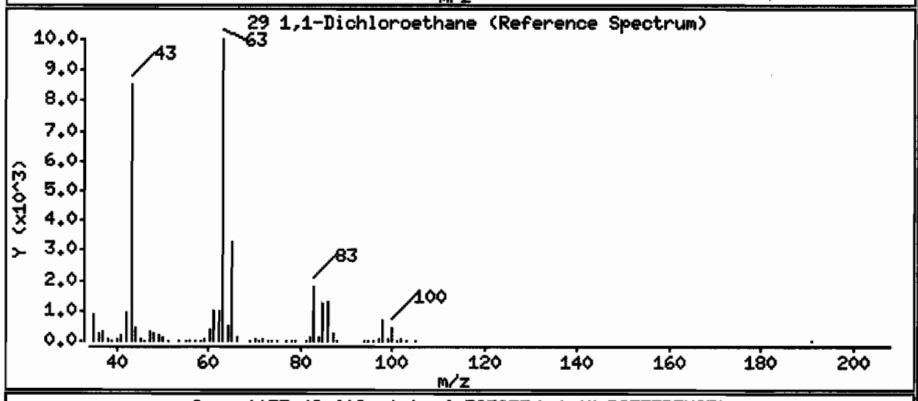
Column diameter: 0.32

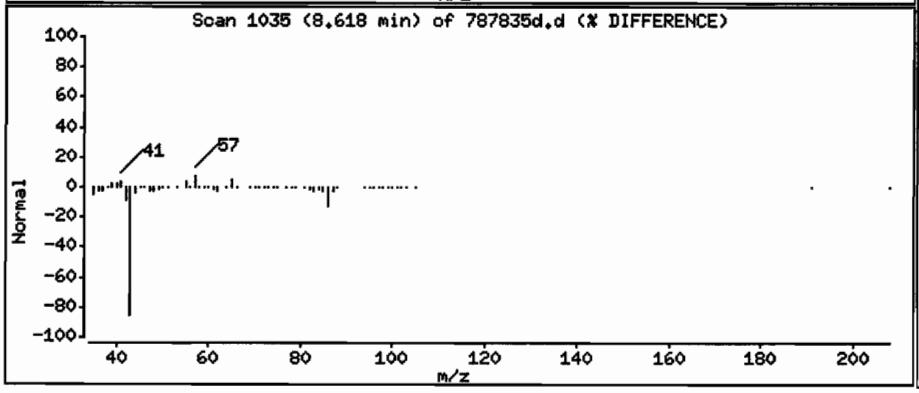
29 1,1-Dichloroethane

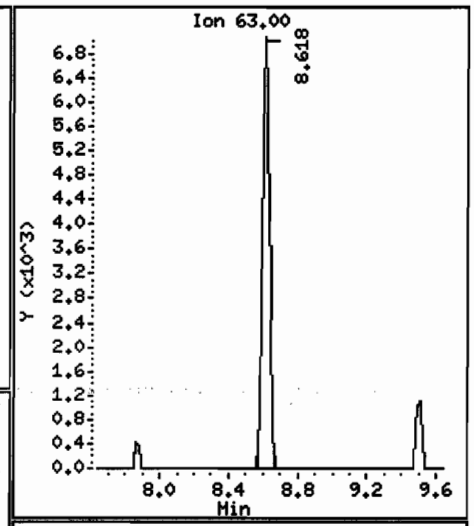
Concentration: 67 ppbv

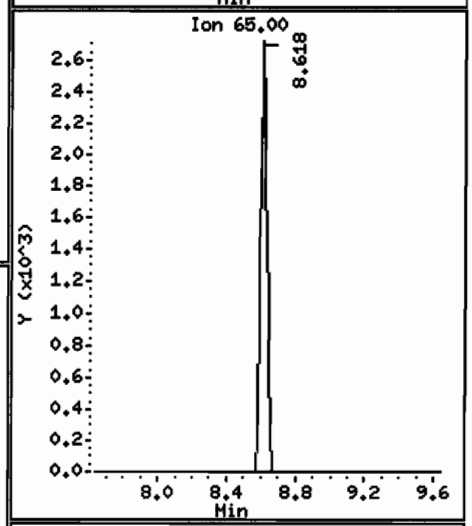


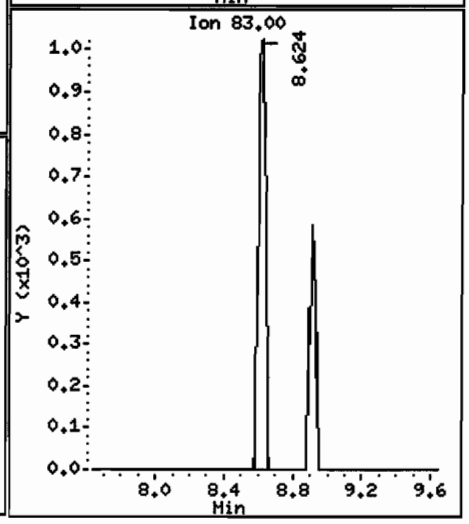












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787835d.d

Date : 12-MAR-2009 22:57

Client ID: VP-28V3.5N

Instrument: G.i

Sample Info: 20090304VP-28V3.5N :[ ]03/04/09 @1322(AIR)

Purge Volume: 93.0

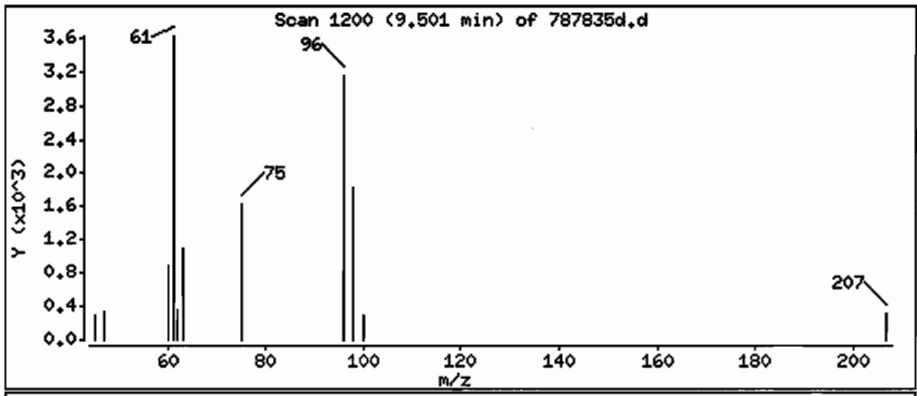
Operator: njr

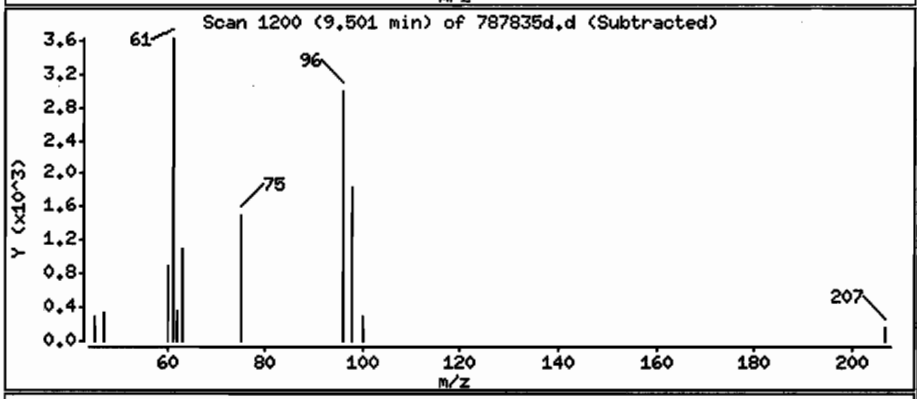
Column phase: RTX-624

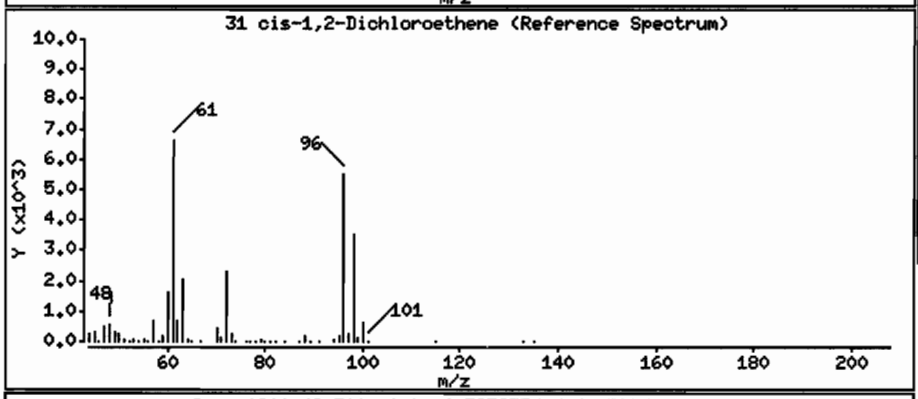
Column diameter: 0.32

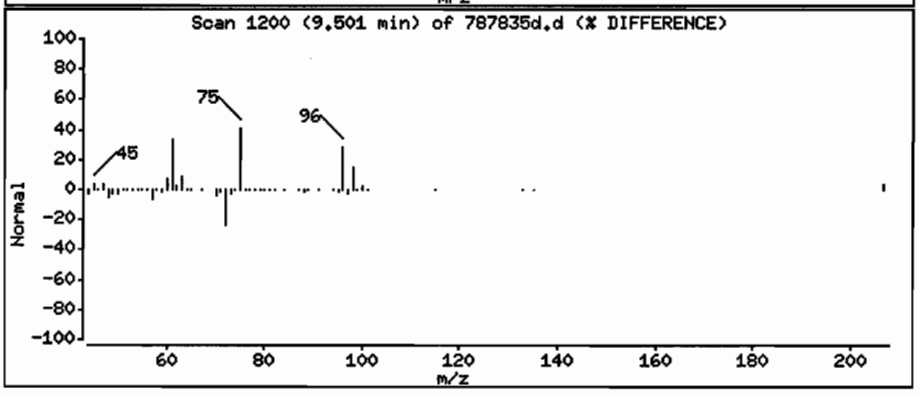
31 cis-1,2-Dichloroethene

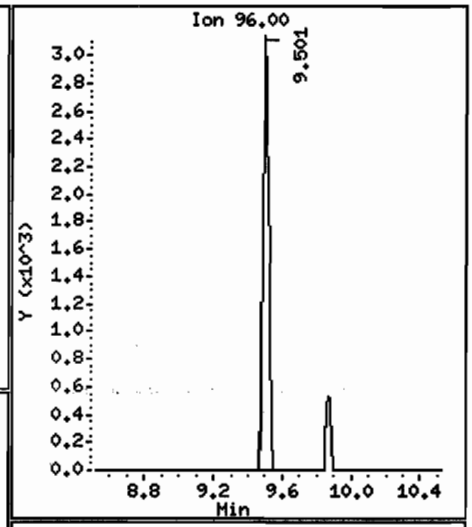
Concentration: 42 ppbv

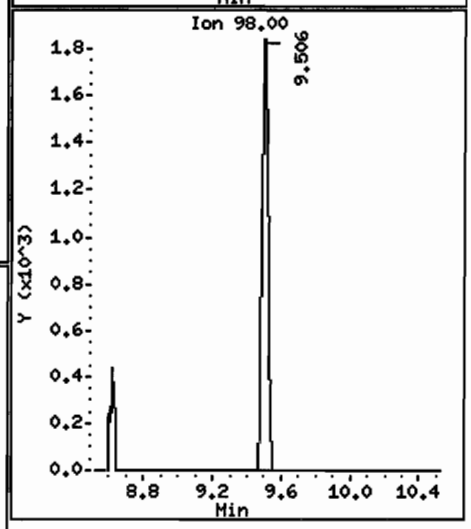












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787835d.d

Date : 12-MAR-2009 22:57

Client ID: VP-28V3.5N

Instrument: G.i

Sample Info: 20090304VP-28V3.5N :[ ]03/04/09 @1322(AIR)

Purge Volume: 93.0

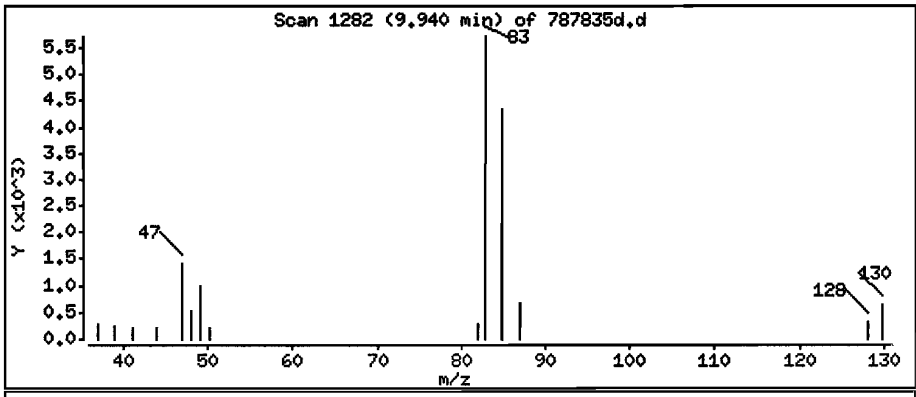
Operator: njr

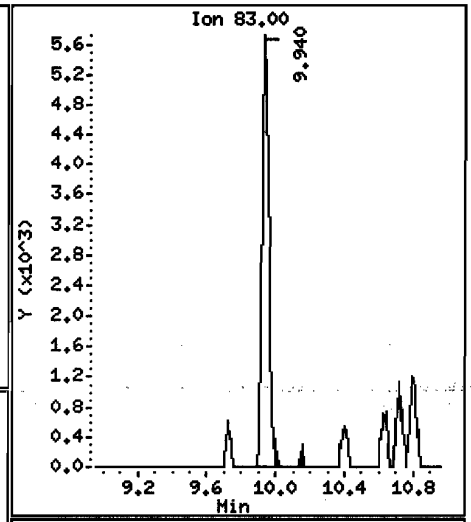
Column phase: RTX-624

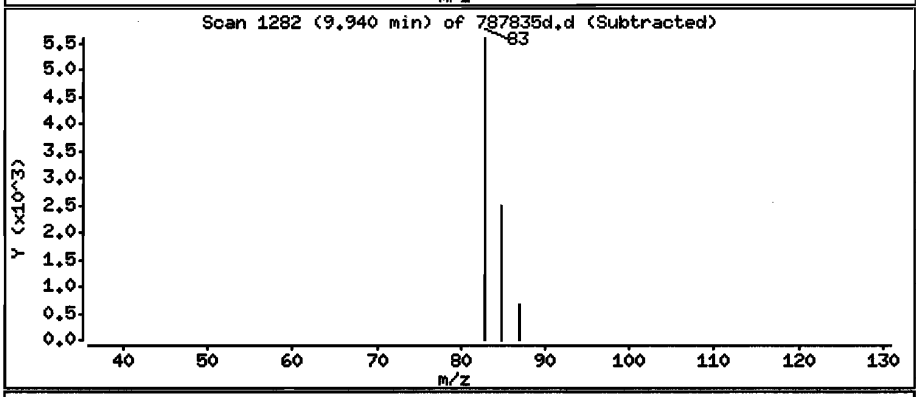
Column diameter: 0.32

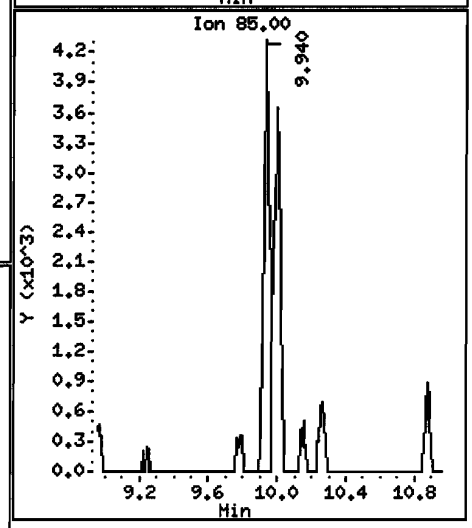
34 Chloroform

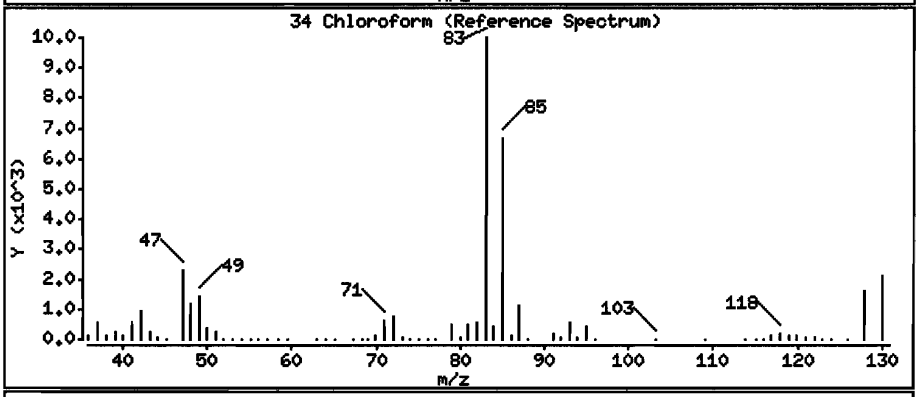
Concentration: 41 ppbv

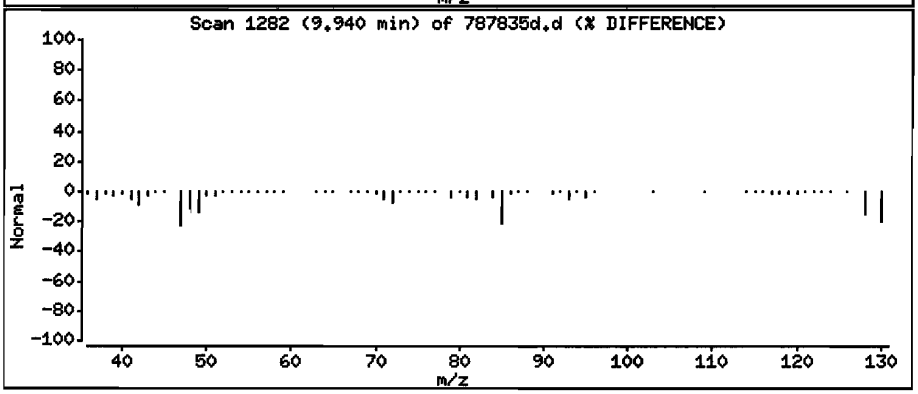












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787835d.d

Date : 12-MAR-2009 22:57

Client ID: VP-28V3.5N

Instrument: G.i

Sample Info: 20090304VP-28V3.5N :[ ]03/04/09 @1322(AIR)

Purge Volume: 93.0

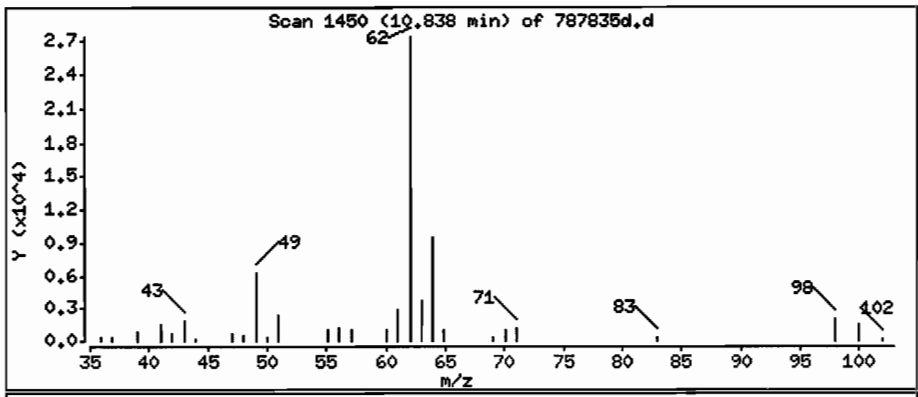
Operator: njr

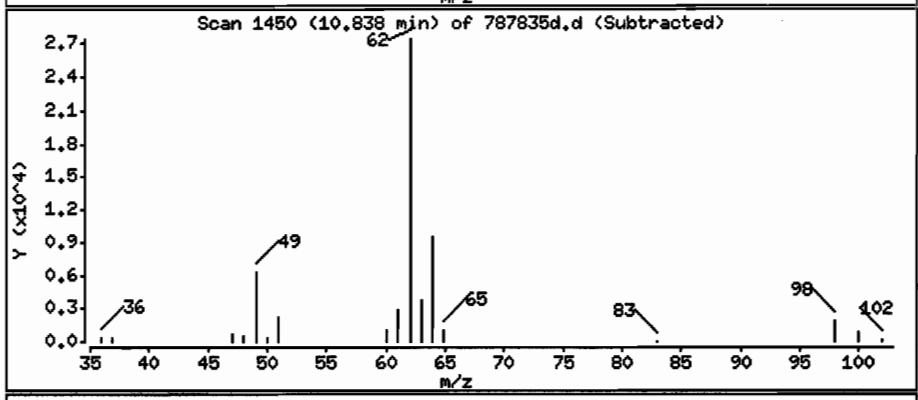
Column phase: RTX-624

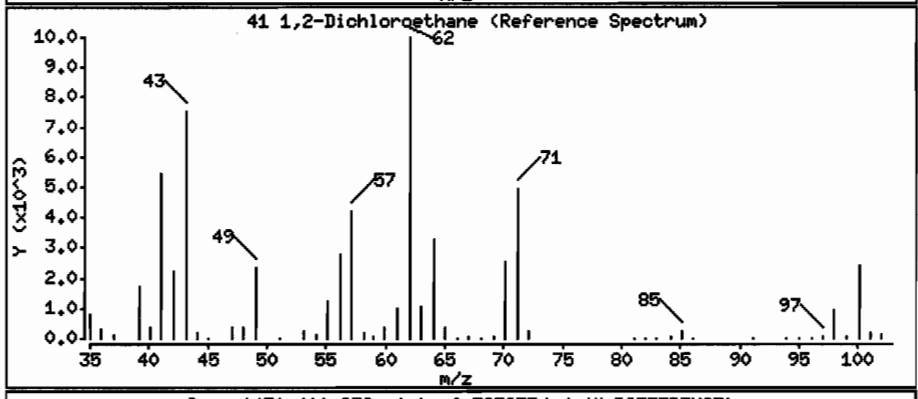
Column diameter: 0.32

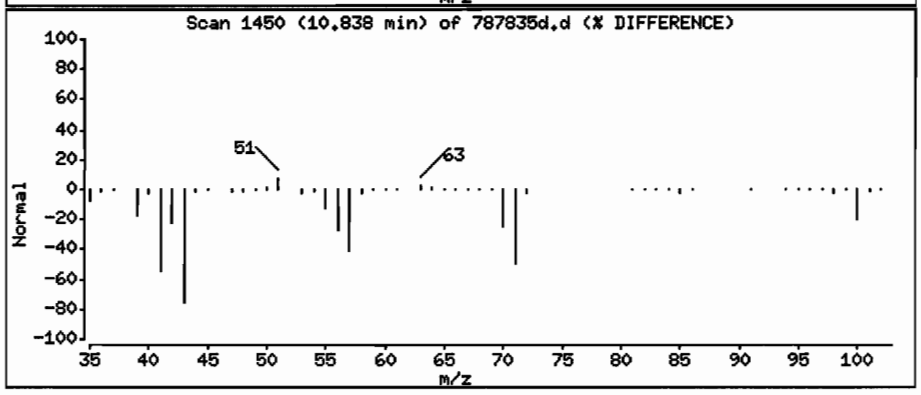
41 1,2-Dichloroethane

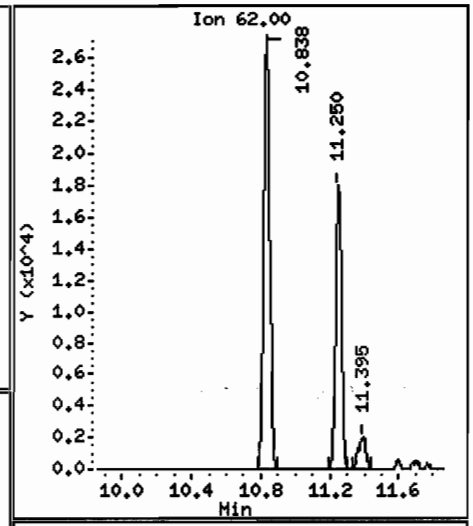
Concentration: 260 ppbv

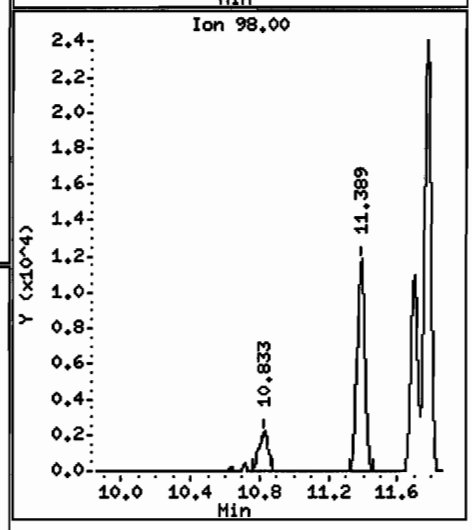












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787835d.d

Date : 12-MAR-2009 22:57

Client ID: VP-28V3.5N

Instrument: G.i

Sample Info: 20090304VP-28V3.5N :[ ]03/04/09 @1322(AIR)

Purge Volume: 93.0

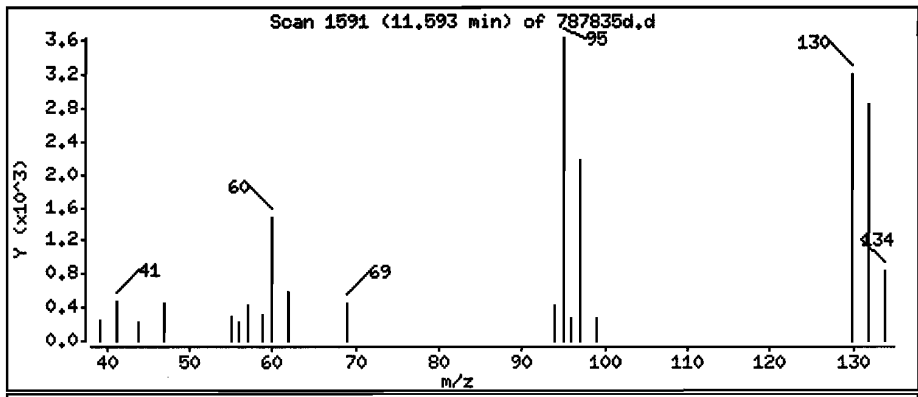
Operator: njr

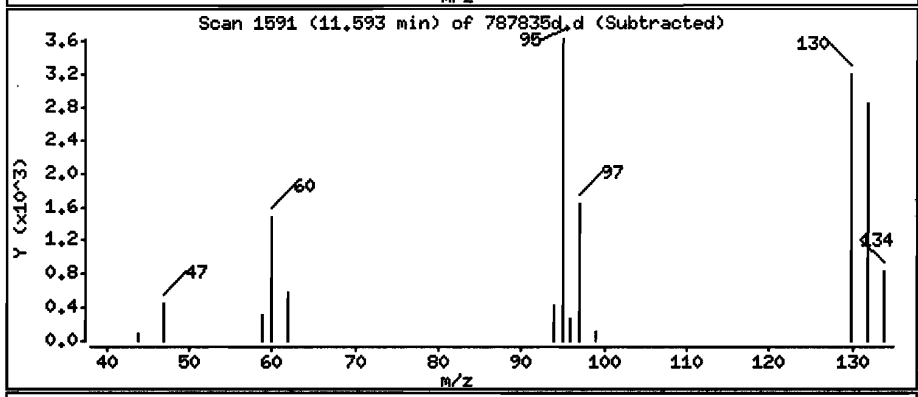
Column phase: RTX-624

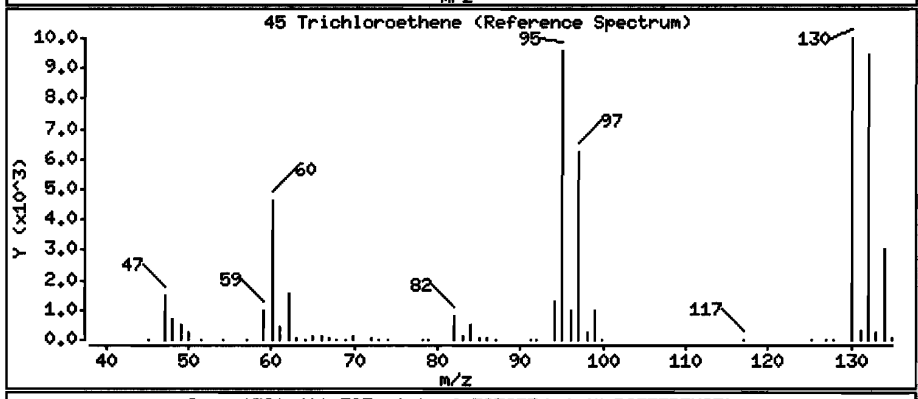
Column diameter: 0.32

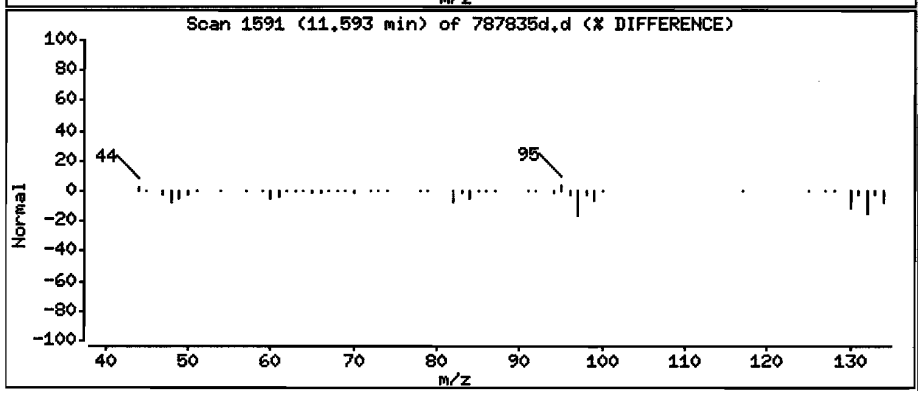
45 Trichloroethene

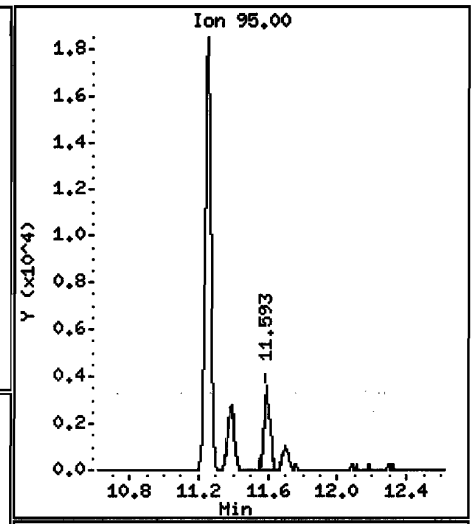
Concentration: 30 ppbv

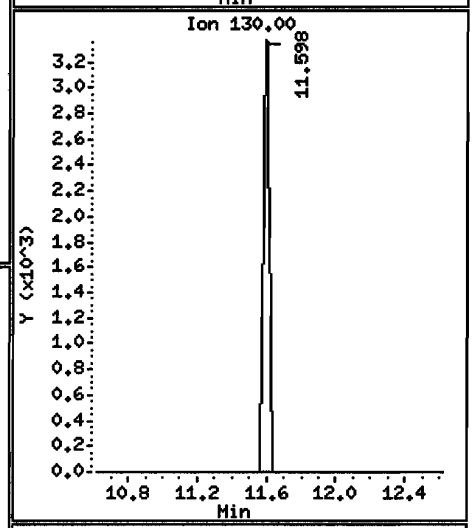


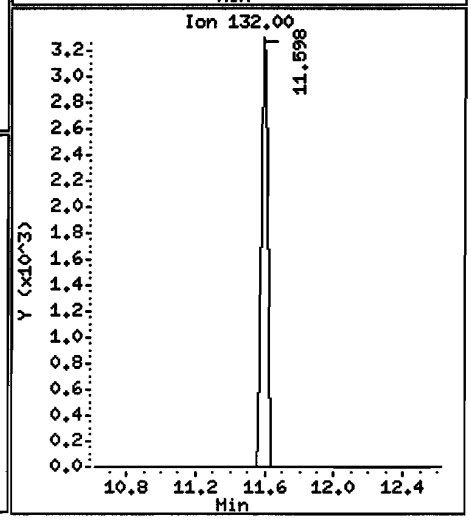












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787835d.d

Date : 12-MAR-2009 22:57

Client ID: VP-28V3.5N

Instrument: G.i

Sample Info: 20090304VP-28V3.5N :[ ]03/04/09 @1322(AIR)

Purge Volume: 93.0

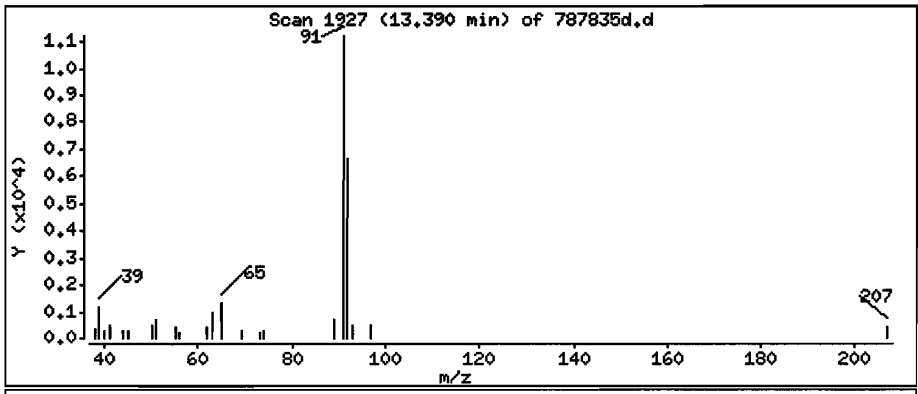
Operator: njr

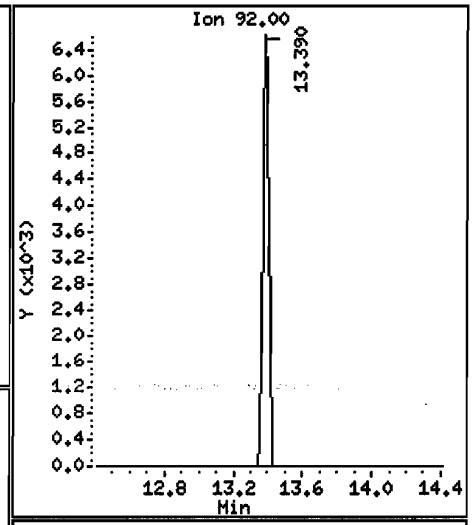
Column phase: RTX-624

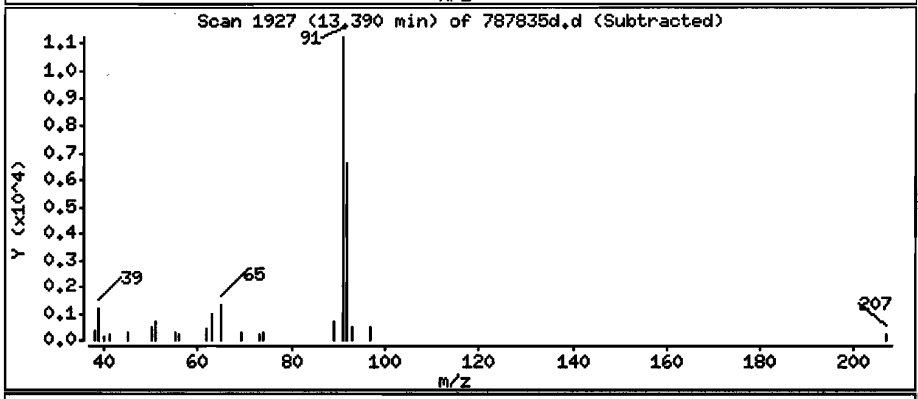
Column diameter: 0.32

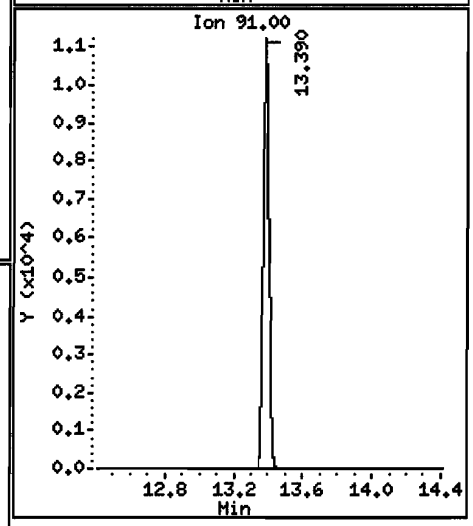
54 Toluene

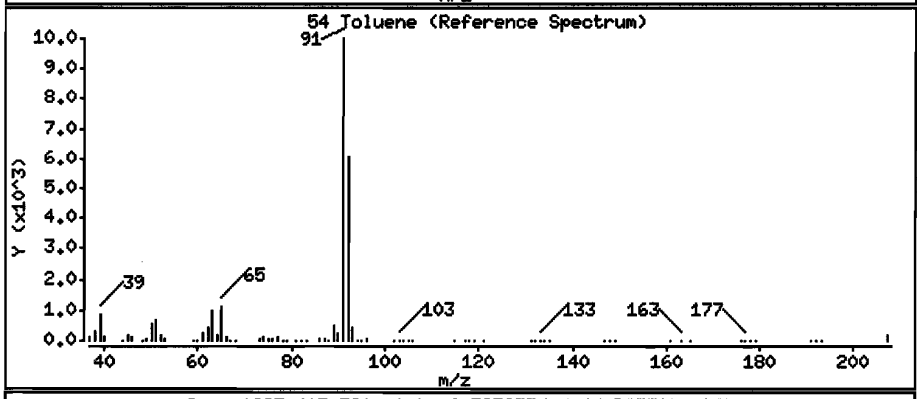
Concentration: 47 ppbv

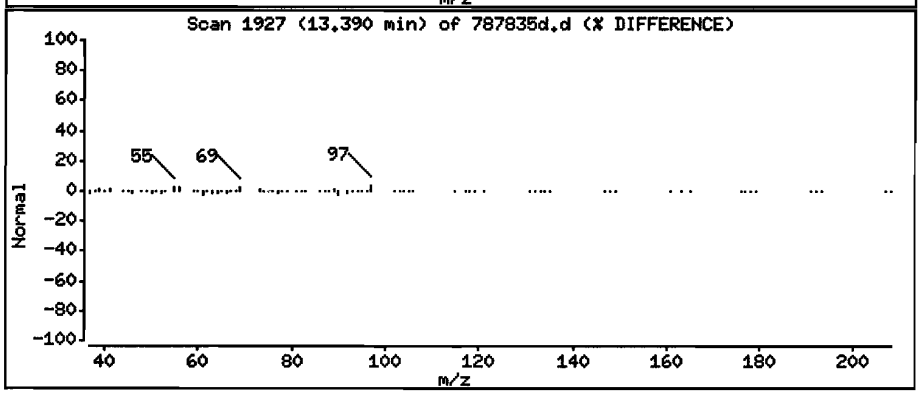












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-29V1.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787836

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 787836D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 321.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	160	U
75-01-4	Vinyl Chloride	64	U
74-83-9	Bromomethane	64	U
75-00-3	Chloroethane	160	U
75-35-4	1,1-Dichloroethene	64	U
67-64-1	Acetone	1600	U
75-15-0	Carbon Disulfide	160	U
75-09-2	Methylene Chloride	160	U
156-60-5	trans-1,2-Dichloroethene	64	U
75-34-3	1,1-Dichloroethane	64	U
78-93-3	Methyl Ethyl Ketone	160	U
156-59-2	cis-1,2-Dichloroethene	64	U
67-66-3	Chloroform	64	U
71-55-6	1,1,1-Trichloroethane	64	U
56-23-5	Carbon Tetrachloride	64	U
71-43-2	Benzene	64	U
107-06-2	1,2-Dichloroethane	64	U
79-01-6	Trichloroethene	64	U
78-87-5	1,2-Dichloropropane	64	U
75-27-4	Bromodichloromethane	64	U
10061-01-5	cis-1,3-Dichloropropene	64	U
108-10-1	Methyl Isobutyl Ketone	160	U
108-88-3	Toluene	10000	
10061-02-6	trans-1,3-Dichloropropene	64	U
79-00-5	1,1,2-Trichloroethane	64	U
127-18-4	Tetrachloroethene	64	U
591-78-6	Methyl Butyl Ketone	160	U
124-48-1	Dibromochloromethane	64	U
108-90-7	Chlorobenzene	64	U
100-41-4	Ethylbenzene	5200	
1330-20-7	Xylene (m,p)	760	
95-47-6	Xylene (o)	64	U
100-42-5	Styrene	64	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-29V1.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787836

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 787836D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 321.0

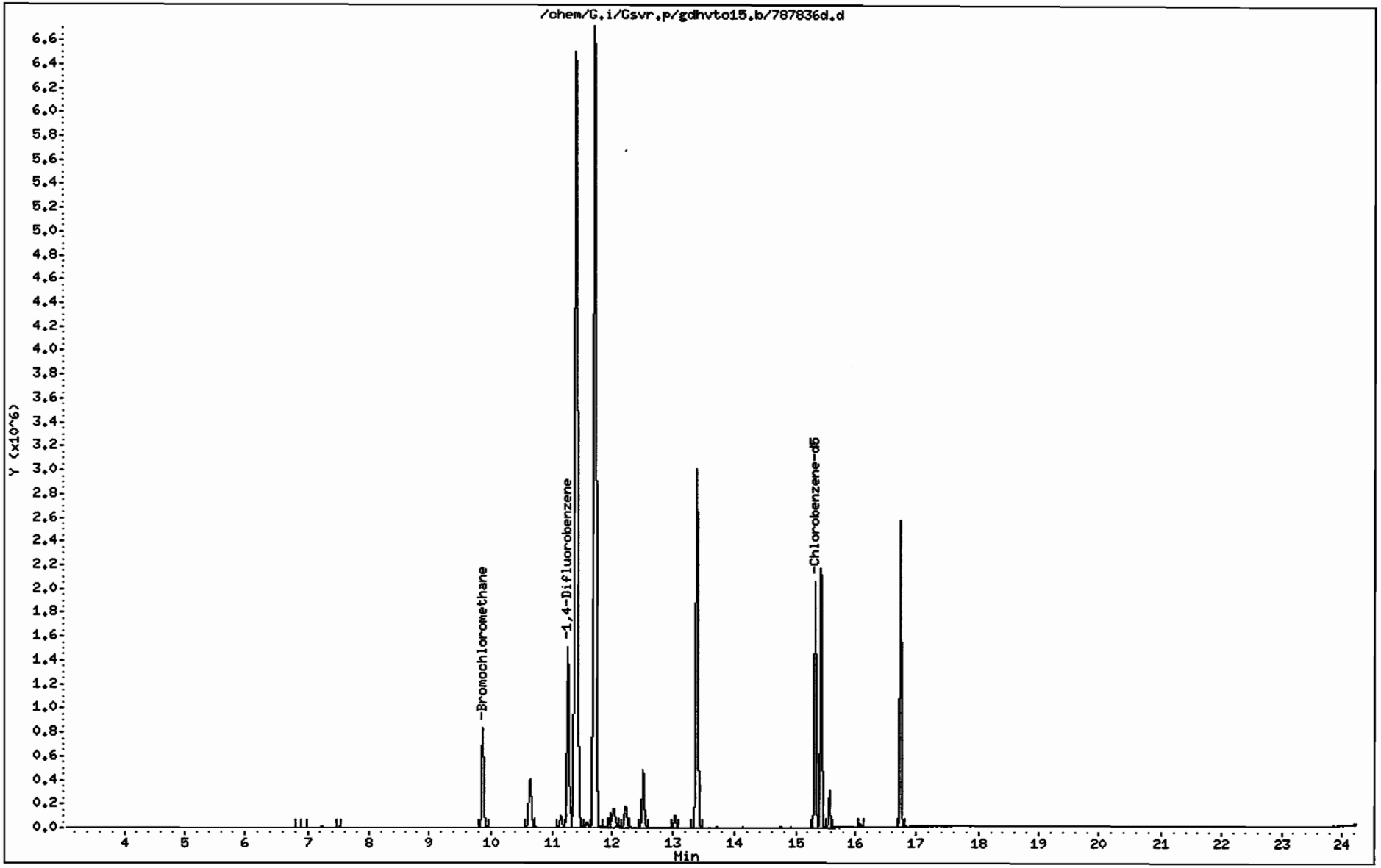
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	64	U
79-34-5	1,1,2,2-Tetrachloroethane	64	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787836d.d
Date : 13-MAR-2009 18:20
Client ID: VP-29V1.5N
Sample Info: 20090304VP-29V1.5N :[ ]03/04/09 @1505(AIR)
Purge Volume: 40.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/787836d.d
Lab Smp Id: 787836 Client Smp ID: VP-29V1.5N
Inj Date : 13-MAR-2009 18:20
Operator : njr Inst ID: G.i
Smp Info : 20090304VP-29V1.5N :[ ]03/04/09 @1505(AIR)
Misc Info : 787836;031209GA;321;40;cdf 64.1
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 12
Dil Factor: 321.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	321.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	315256	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1625563	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.390	13.412	(0.874)	1735825	32.5614	10000
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1470237	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	15.423	15.450	(1.006)	1903577	16.1344	5200
64 Xylene (m,p)	106	15.568	15.594	(1.016)	107146	2.36854	760
65 Xylene (o)	106	Compound Not Detected.					
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787836d.d

Date : 13-MAR-2009 18:20

Client ID: VP-29V1.5N

Instrument: G.i

Sample Info: 20090304VP-29V1.5N :[J03/04/09 @1505(AIR)

Purge Volume: 40.0

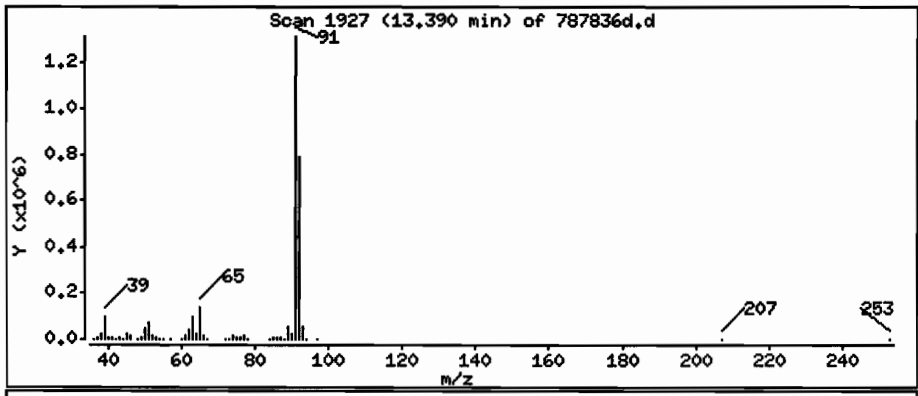
Operator: njr

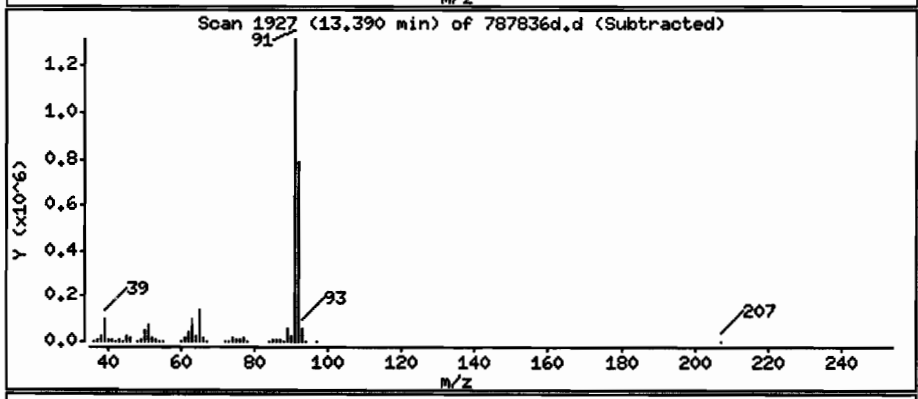
Column phase: RTX-624

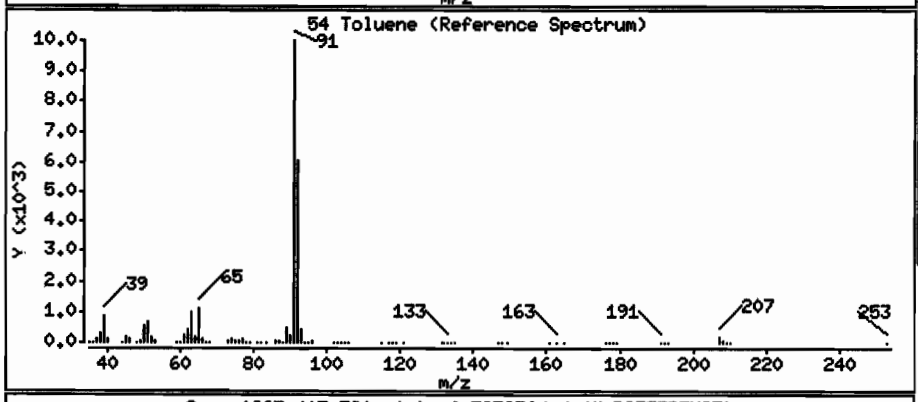
Column diameter: 0.32

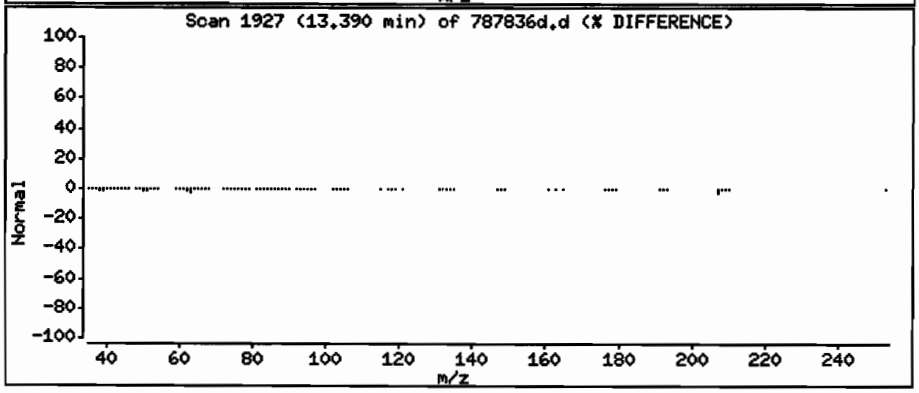
54 Toluene

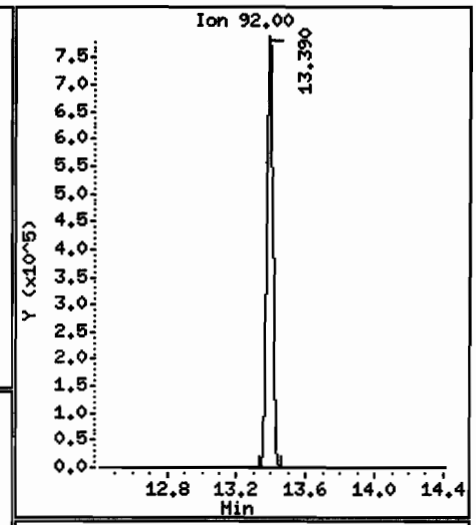
Concentration: 10000 ppbv

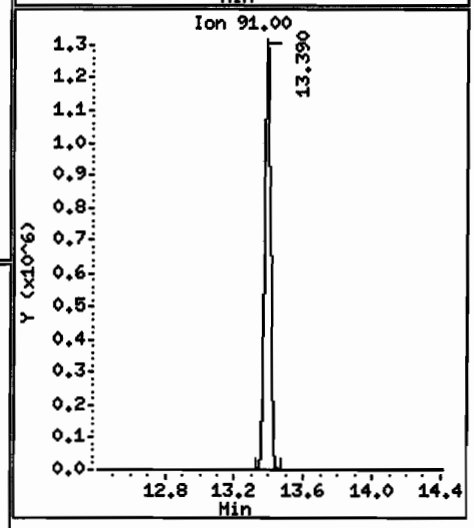












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787836d.d

Date : 13-MAR-2009 18:20

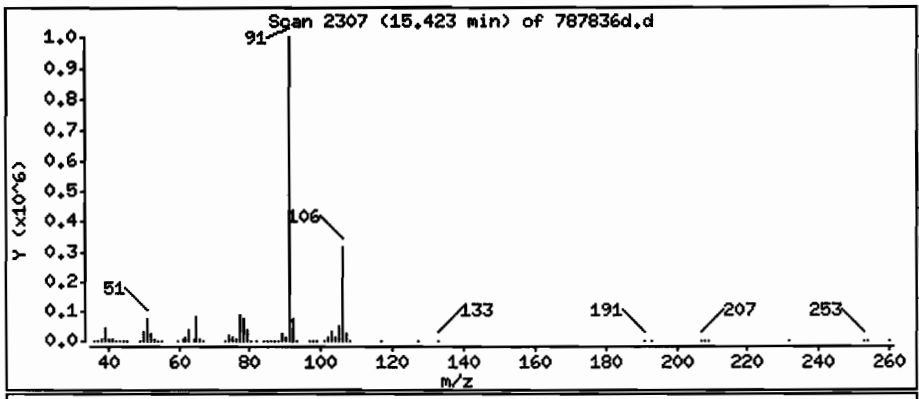
Client ID: VP-29V1.5N | Instrument: G.i

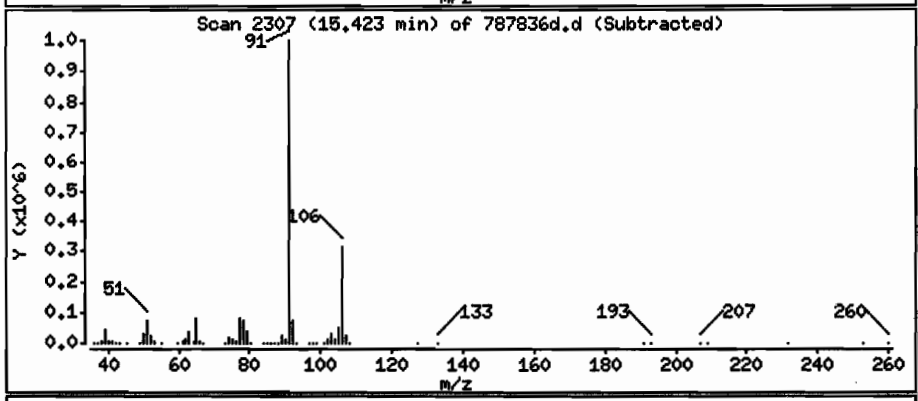
Sample Info: 20090304VP-29V1.5N :[J03/04/09 @1505(AIR)

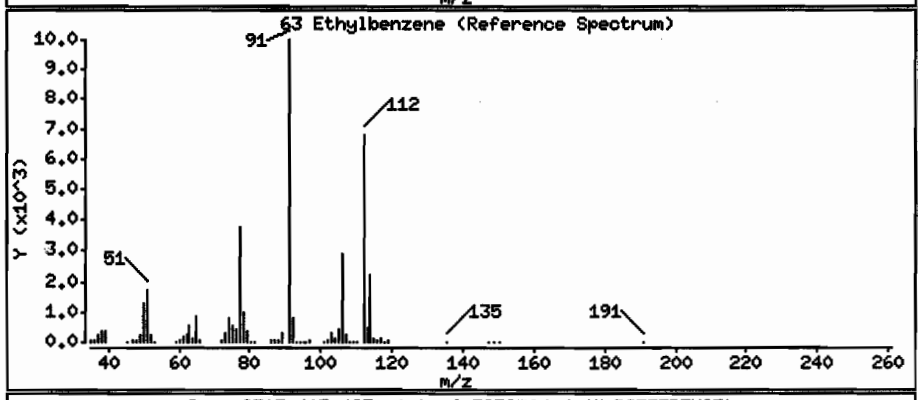
Purge Volume: 40.0 | Operator: njr

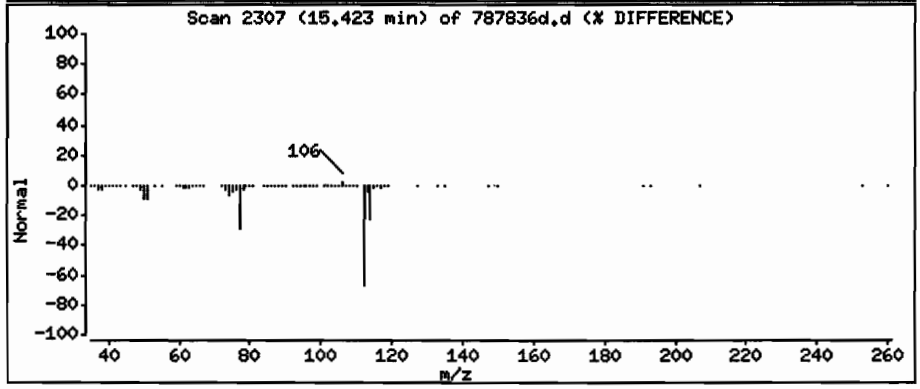
Column phase: RTX-624 | Column diameter: 0.32

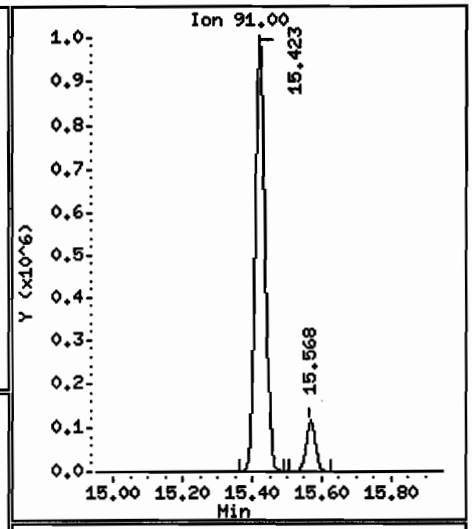
63 Ethylbenzene | Concentration: 5200 ppbv

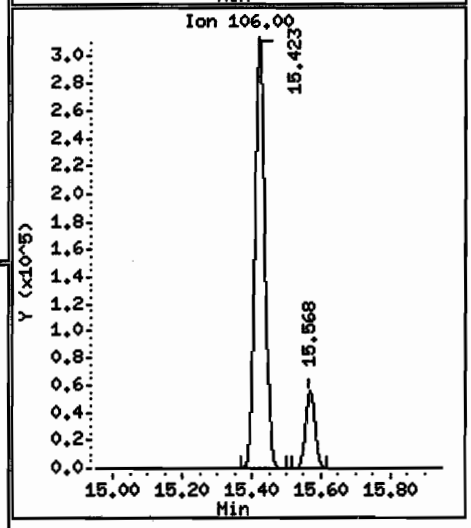












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787836d.d

Date : 13-MAR-2009 18:20

Client ID: VP-29V1.5N

Instrument: G.i

Sample Info: 20090304VP-29V1.5N :[ ]03/04/09 @1505(AIR)

Purge Volume: 40.0

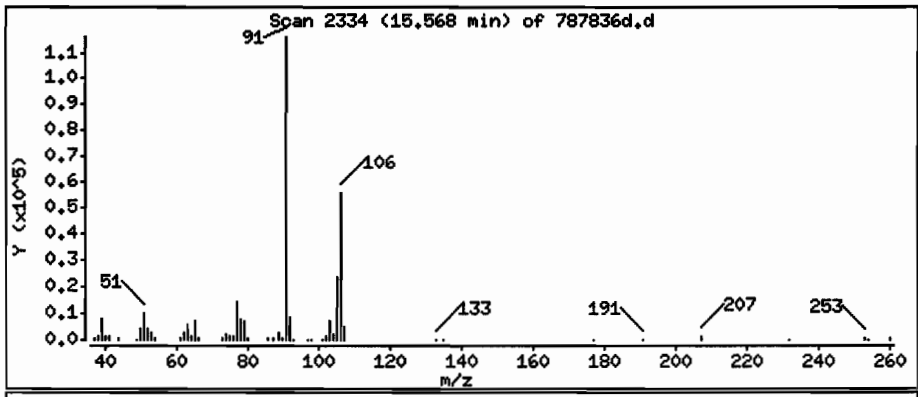
Operator: njr

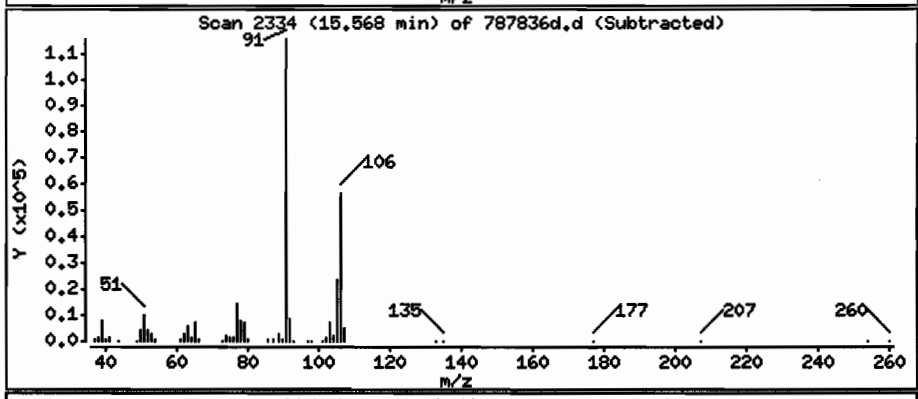
Column phase: RTX-624

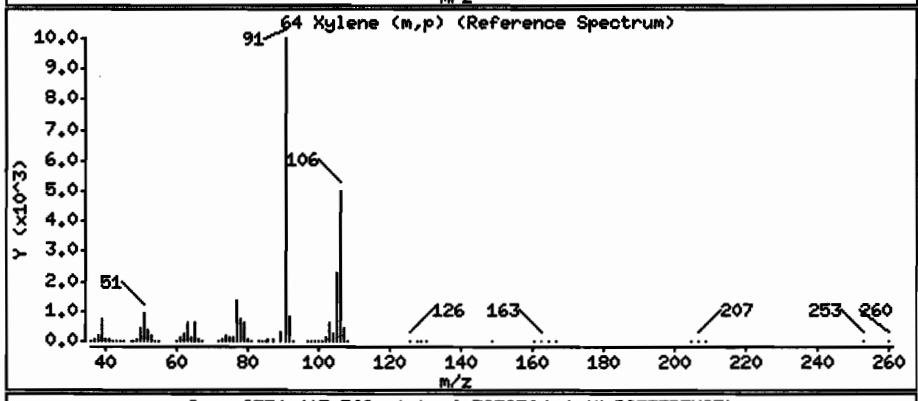
Column diameter: 0.32

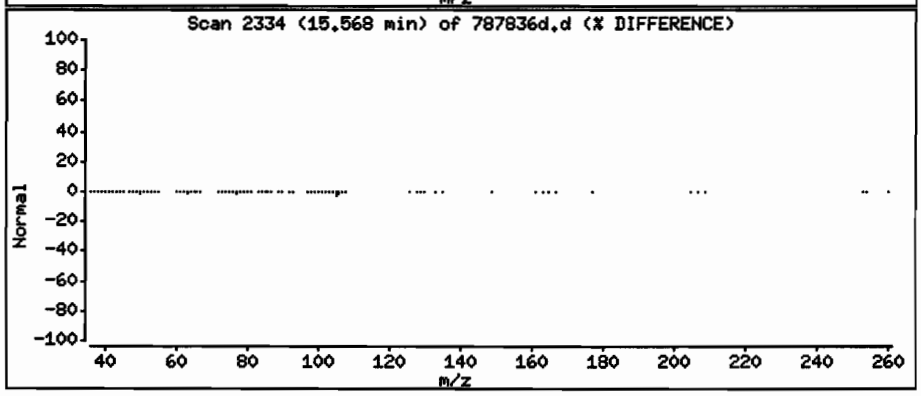
64 Xylene (m,p)

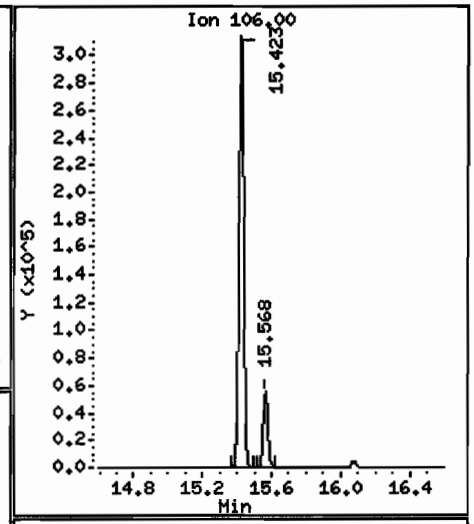
Concentration: 760 ppbv

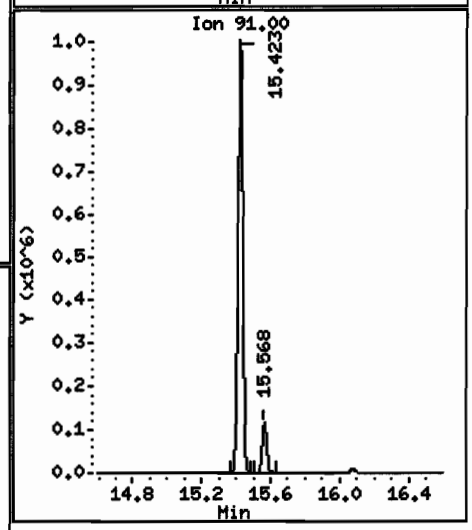












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-30V5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787833

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 787833D2

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 57.4

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	29	U
75-01-4	Vinyl Chloride	2100	
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	29	U
75-35-4	1,1-Dichloroethene	11	U
67-64-1	Acetone	290	U
75-15-0	Carbon Disulfide	29	U
75-09-2	Methylene Chloride	29	
156-60-5	trans-1,2-Dichloroethene	250	
75-34-3	1,1-Dichloroethane	11	U
78-93-3	Methyl Ethyl Ketone	29	U
156-59-2	cis-1,2-Dichloroethene	1400	
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U
79-01-6	Trichloroethene	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	Methyl Isobutyl Ketone	29	U
108-88-3	Toluene	1400	
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	Methyl Butyl Ketone	29	U
124-48-1	Dibromochloromethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (m,p)	29	U
95-47-6	Xylene (o)	48	
100-42-5	Styrene	11	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-30V5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787833

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 787833D2

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 57.4

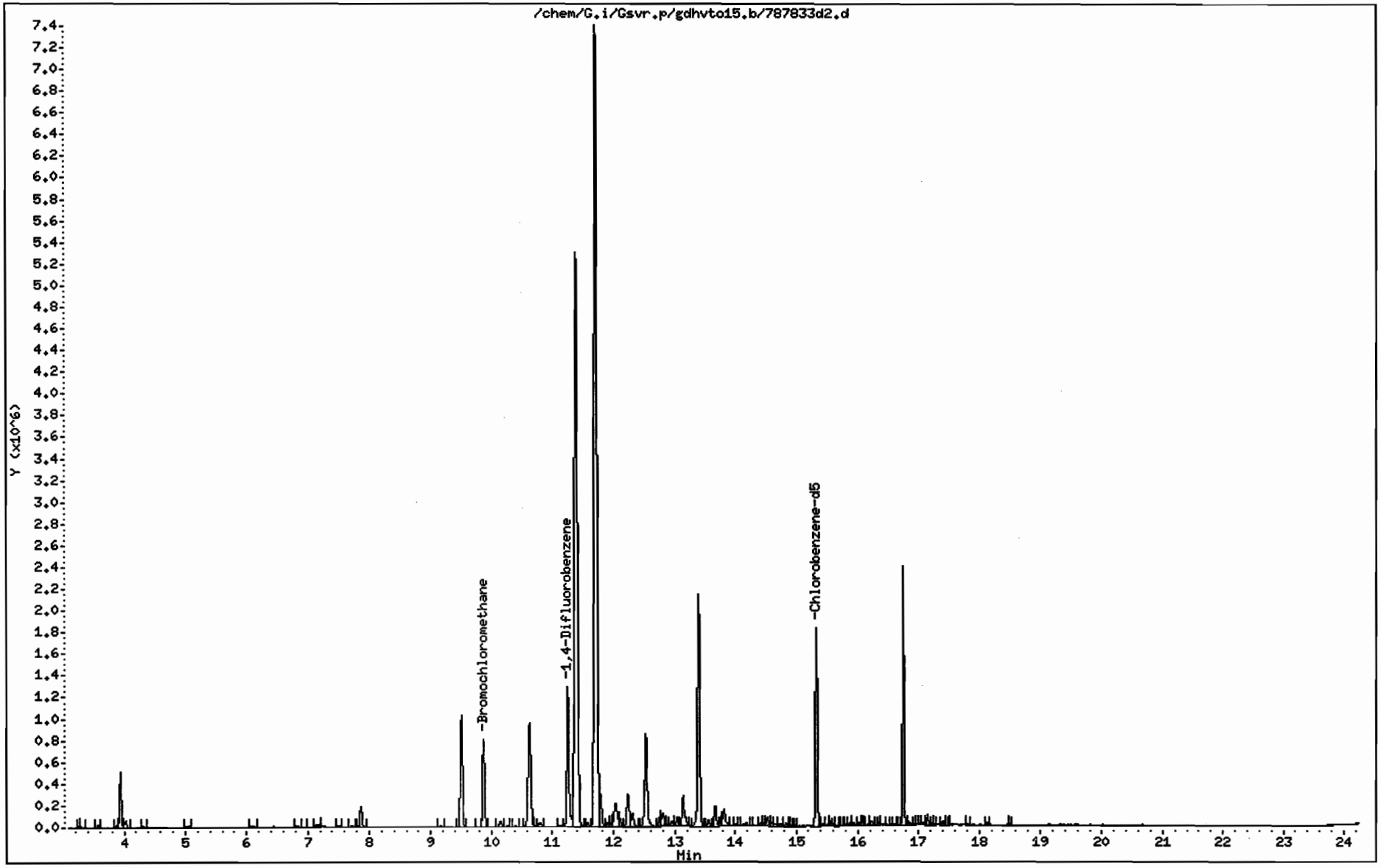
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787833d2.d
Date : 13-MAR-2009 15:03
Client ID: VP-30V5N
Sample Info: 20090304VP-30V5N :[103/04/09 @1200(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/787833d2.d
Lab Smp Id: 787833 Client Smp ID: VP-30V5N
Inj Date : 13-MAR-2009 15:03
Operator : njr Inst ID: G.i
Smp Info : 20090304VP-30V5N :[ ]03/04/09 @1200(AIR)
Misc Info : 787833;031209GA;57.4;20;cdf5.74
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 8
Dil Factor: 57.40000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	57.40000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.943	3.943	(0.399)	665822	36.5006	2100
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	7.489	7.511	(0.759)	12370	0.51162	29
27 trans-1,2-Dichloroethene	61	7.864	7.880	(0.797)	138507	4.29622	250
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	573450	24.8226	1400
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	290461	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1377601	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.390	13.412	(0.874)	1173887	25.2487	1400
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1282246	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	Compound Not Detected.					
65 Xylene (o)	106	16.076	16.103	(1.049)	31895	0.83018	48
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787833d2.d

Date : 13-MAR-2009 15:03

Client ID: VP-30V5N

Instrument: G.i

Sample Info: 20090304VP-30V5N :[ ]03/04/09 @1200(AIR)

Purge Volume: 20.0

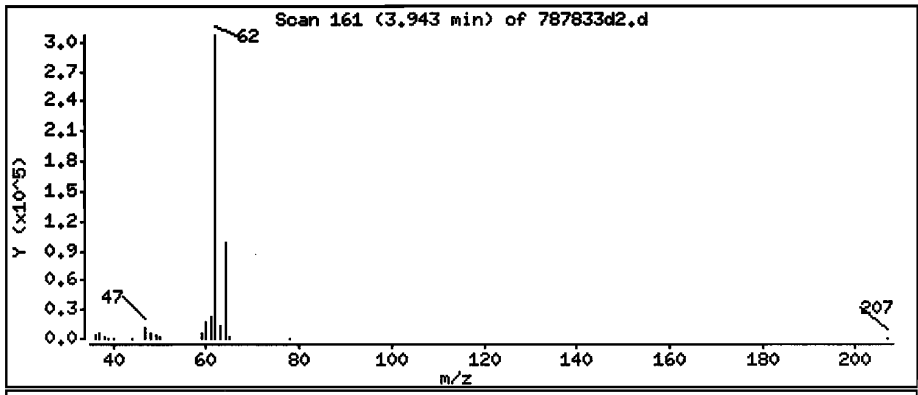
Operator: njr

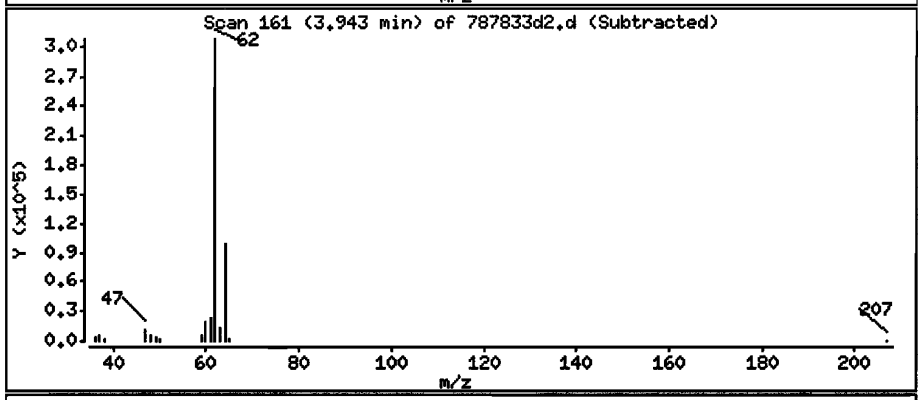
Column phase: RTX-624

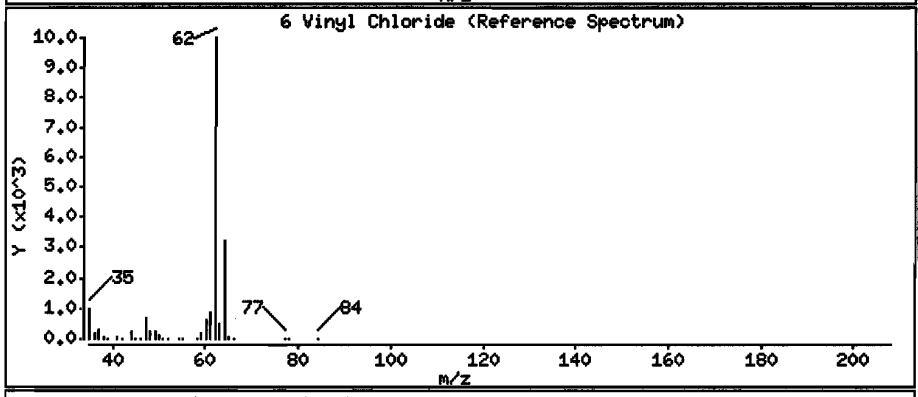
Column diameter: 0.32

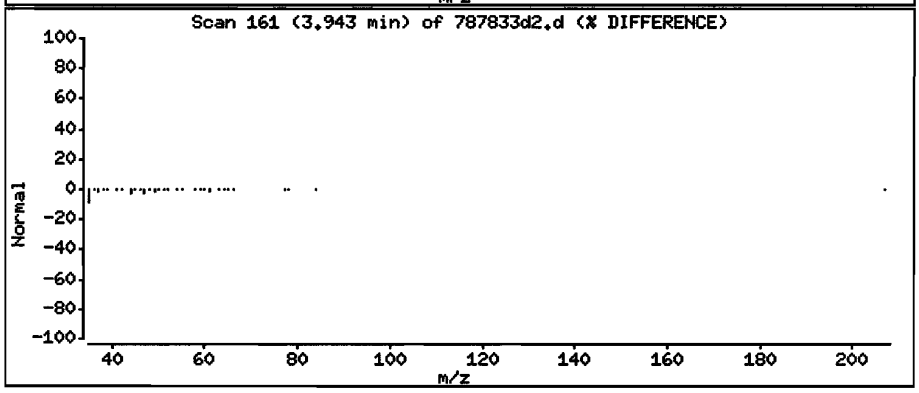
6 Vinyl Chloride

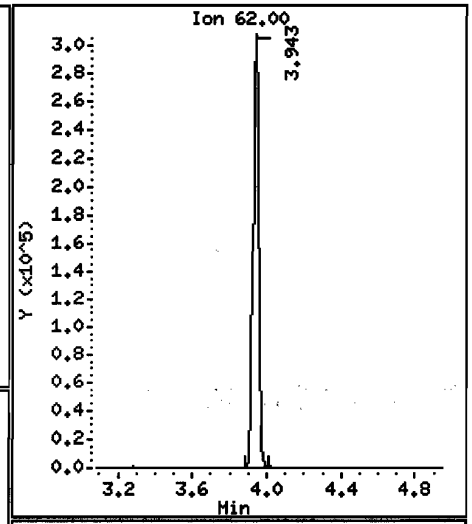
Concentration: 2100 ppbv

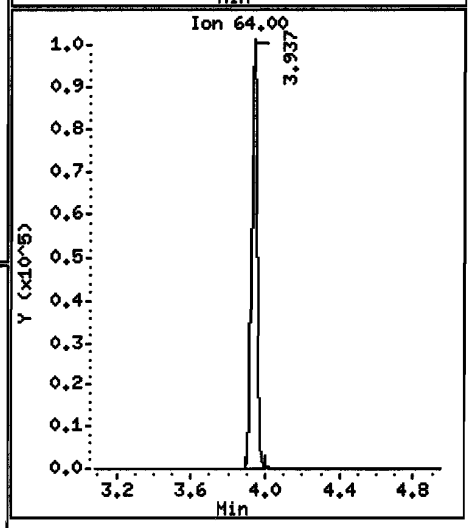












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787833d2.d

Date : 13-MAR-2009 15:03

Client ID: VP-30V5N

Instrument: G.i

Sample Info: 20090304VP-30V5N :[ ]03/04/09 @1200(AIR)

Purge Volume: 20.0

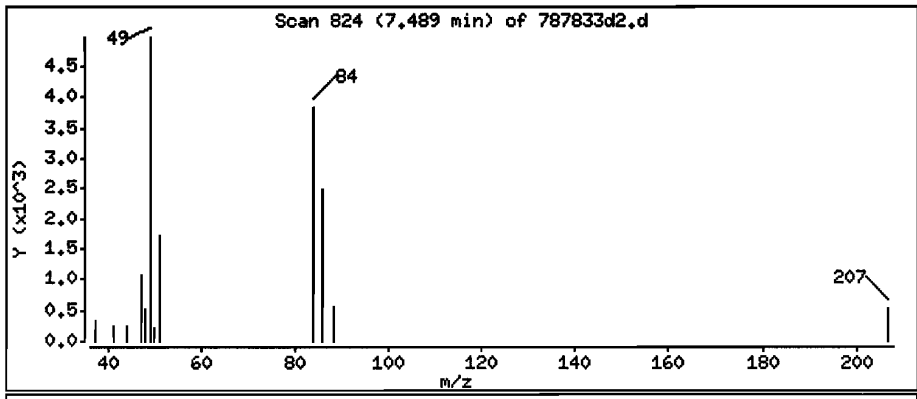
Operator: njr

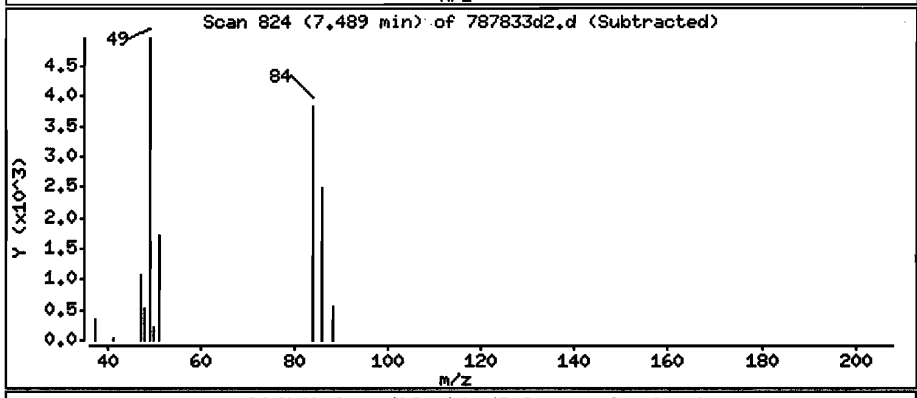
Column phase: RTX-624

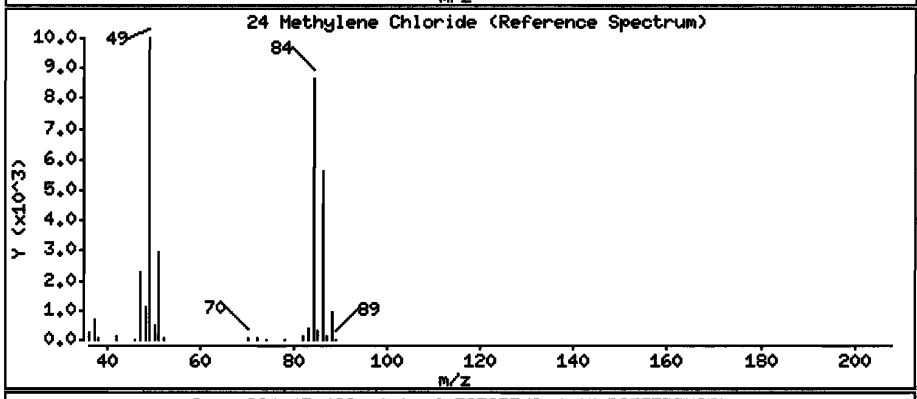
Column diameter: 0.32

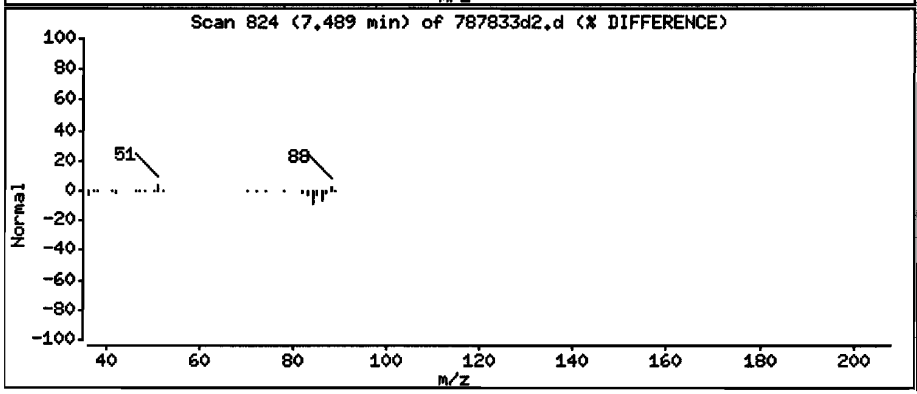
24 Methylene Chloride

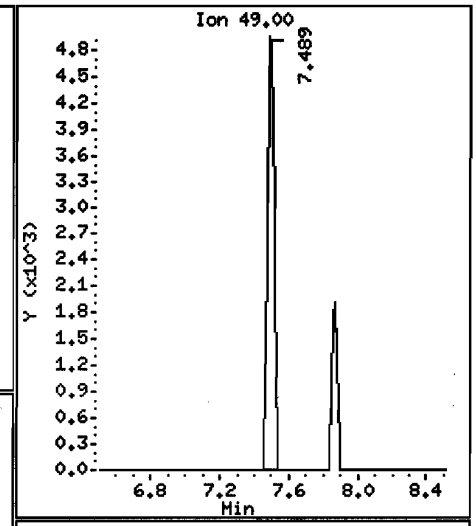
Concentration: 29 ppbv

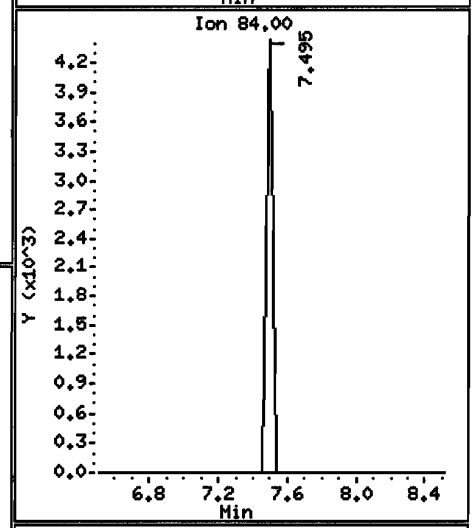


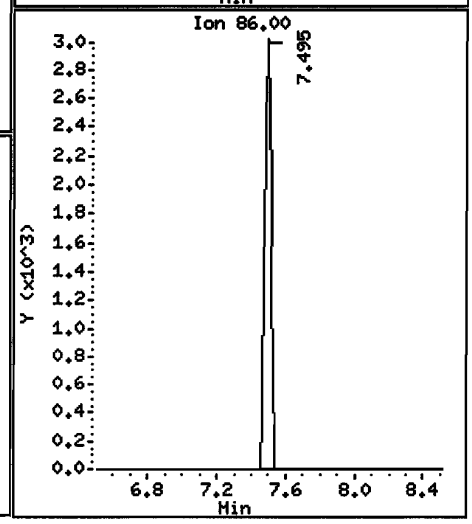












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787833d2.d

Date : 13-MAR-2009 15:03

Client ID: VP-30V5N

Instrument: G.i

Sample Info: 20090304VP-30V5N :[ ]03/04/09 @1200(AIR)

Purge Volume: 20.0

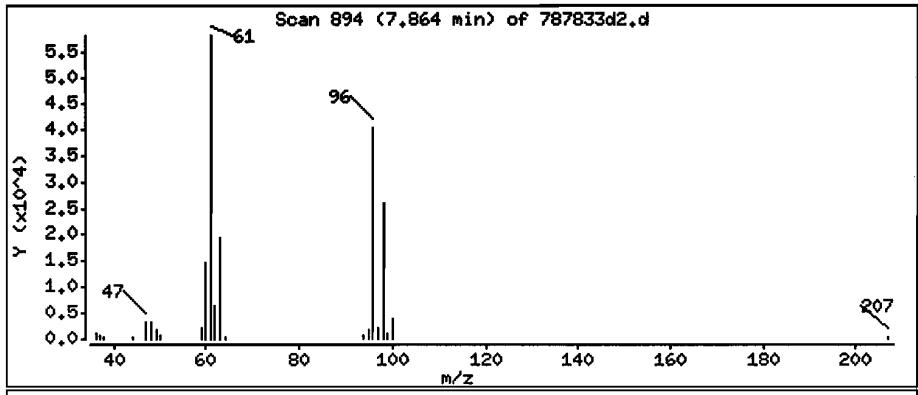
Operator: njr

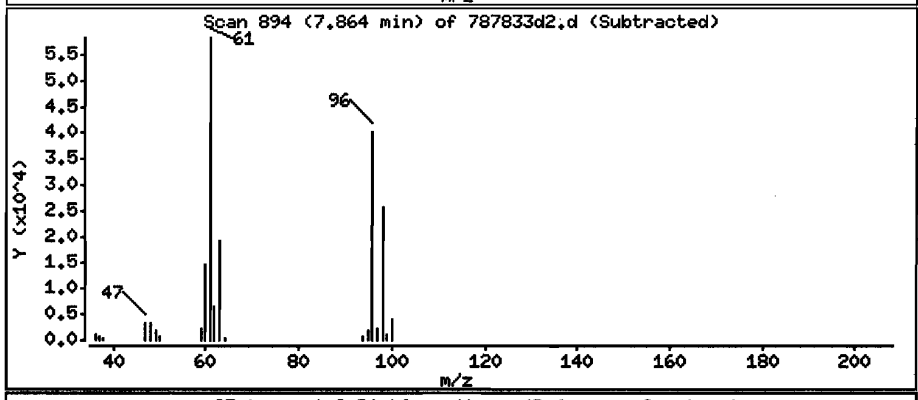
Column phase: RTX-624

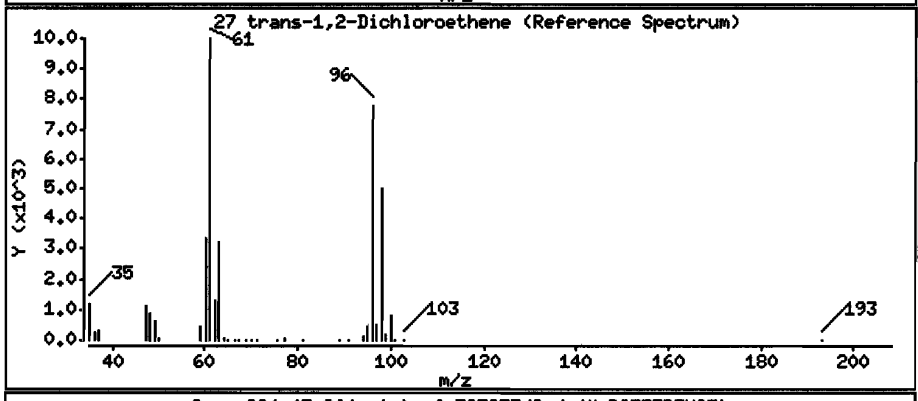
Column diameter: 0.32

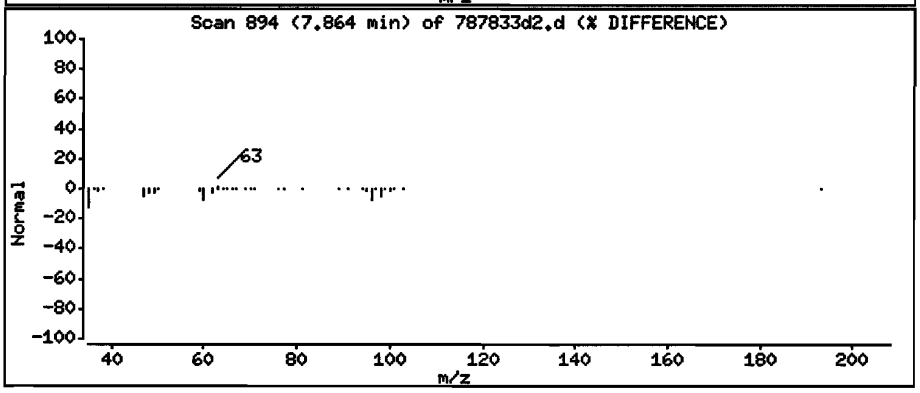
27 trans-1,2-Dichloroethene

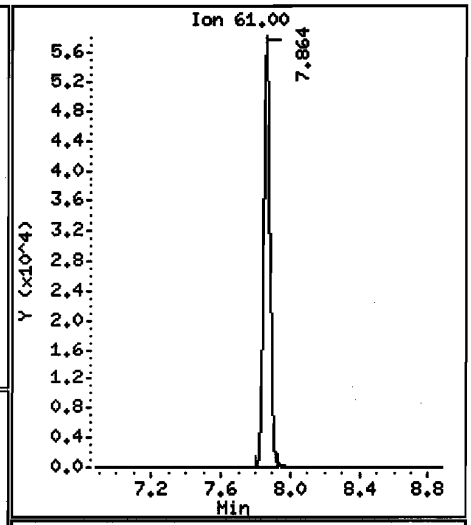
Concentration: 250 ppbv

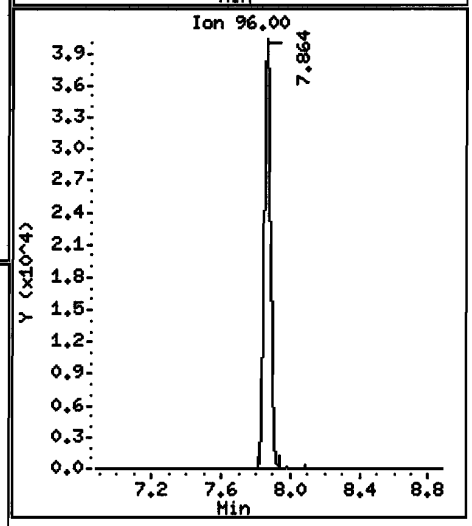












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787833d2.d

Date : 13-MAR-2009 15:03

Client ID: VP-30V5N

Instrument: G.i

Sample Info: 20090304VP-30V5N :[ ]03/04/09 @1200(AIR)

Purge Volume: 20.0

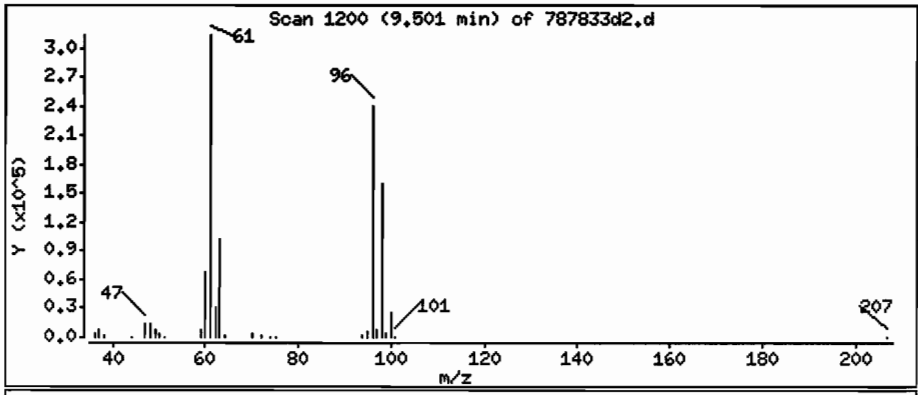
Operator: njr

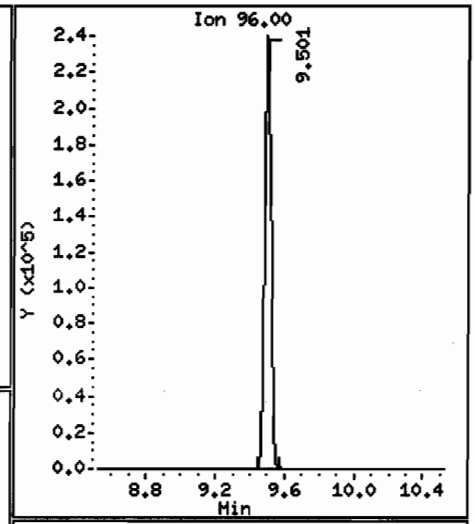
Column phase: RTX-624

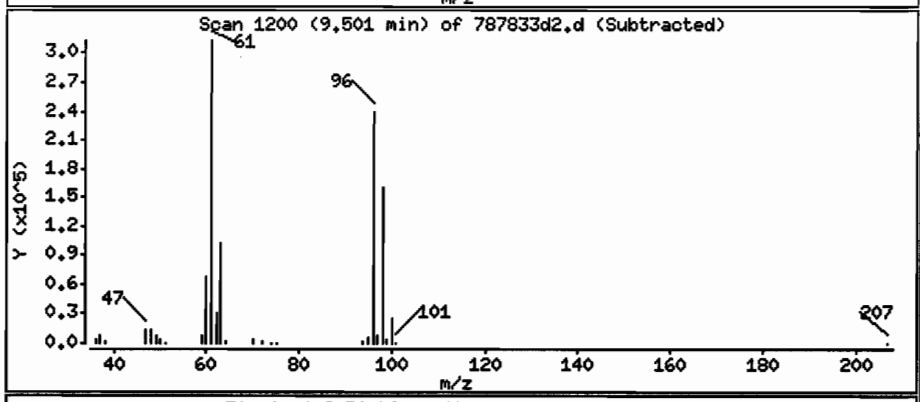
Column diameter: 0.32

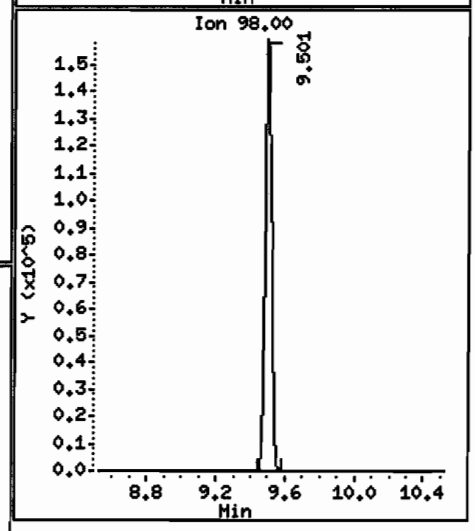
31 cis-1,2-Dichloroethene

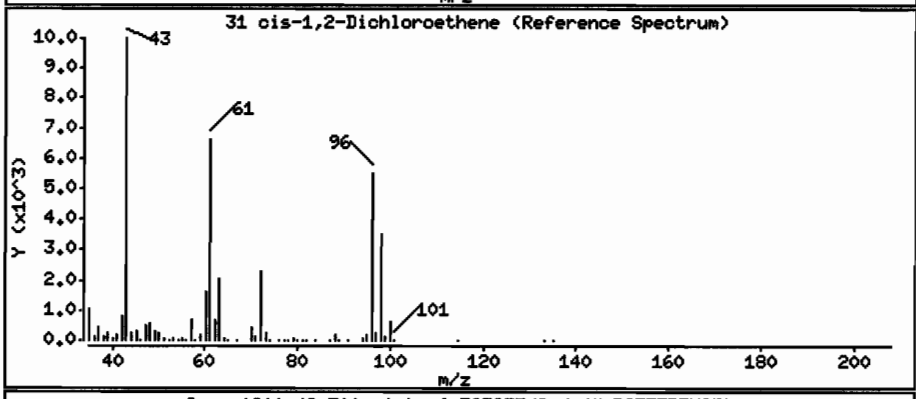
Concentration: 1400 ppbv

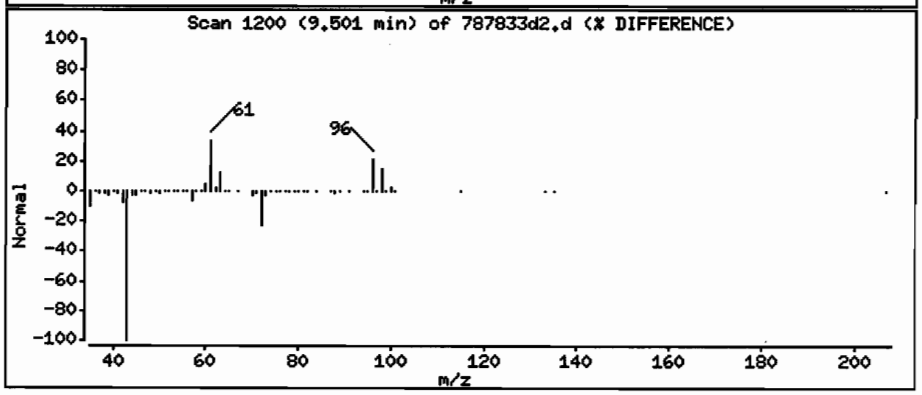












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787833d2.d

Date : 13-MAR-2009 15:03

Client ID: VP-30V5N

Instrument: G.i

Sample Info: 20090304VP-30V5N :[ ]03/04/09 @1200(AIR)

Purge Volume: 20.0

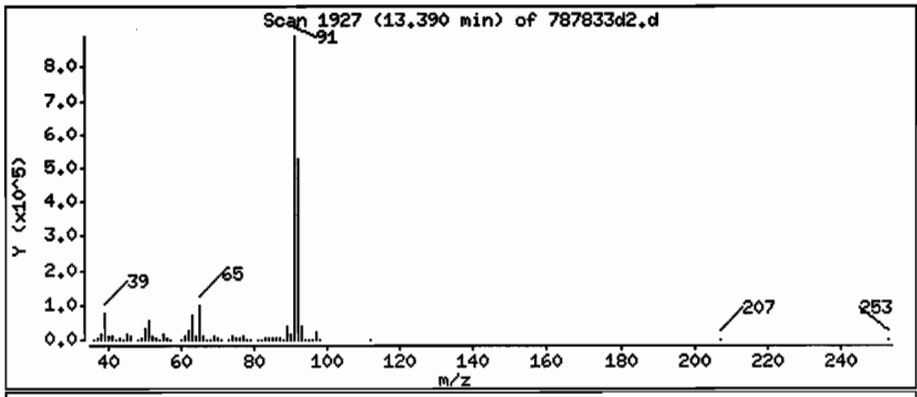
Operator: njr

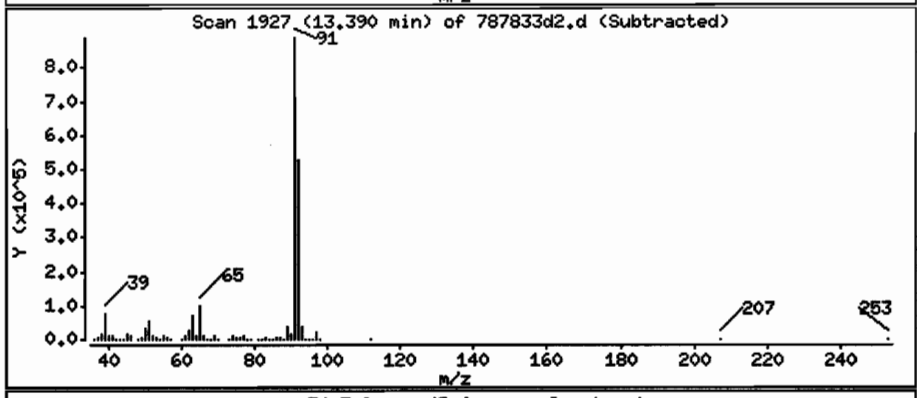
Column phase: RTX-624

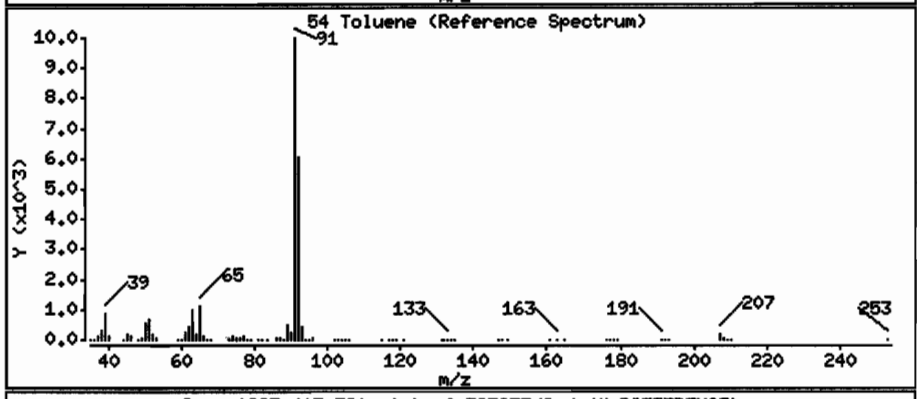
Column diameter: 0.32

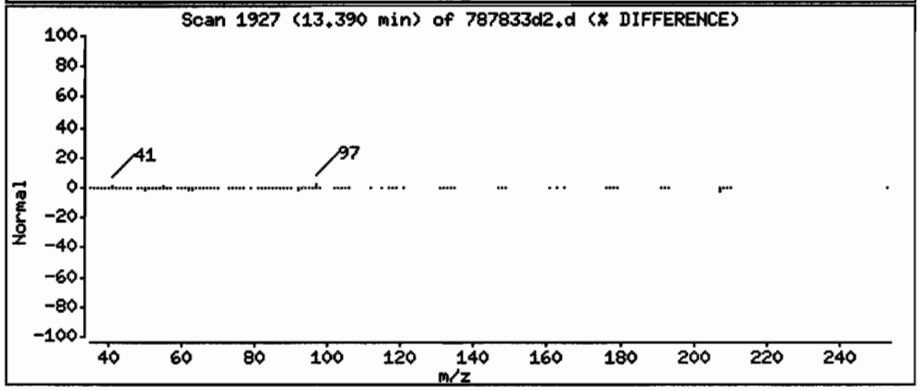
54 Toluene

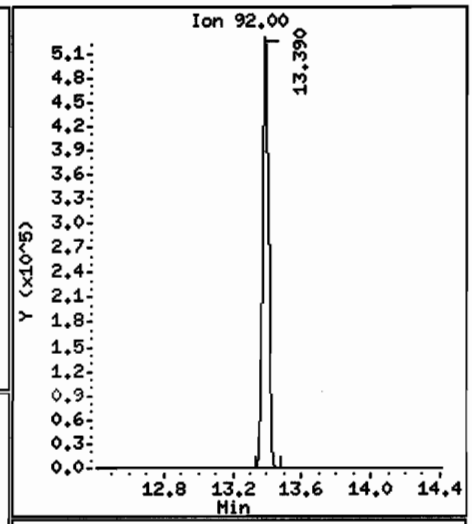
Concentration: 1400 ppbv

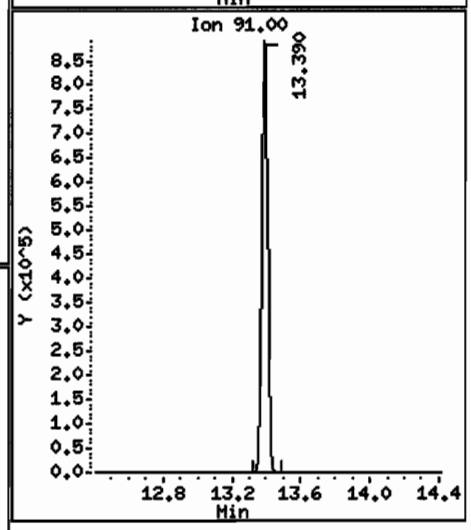












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787833d2.d

Date : 13-MAR-2009 15:03

Client ID: VP-30V5N

Instrument: G.i

Sample Info: 20090304VP-30V5N :[ ]03/04/09 @1200(AIR)

Purge Volume: 20.0

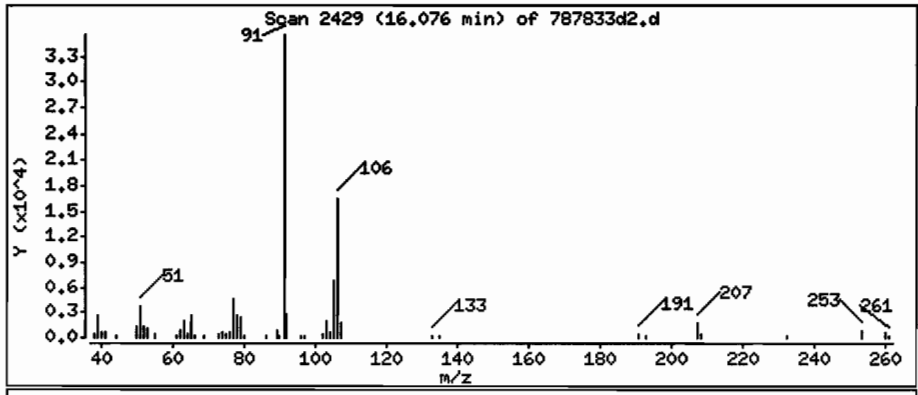
Operator: njr

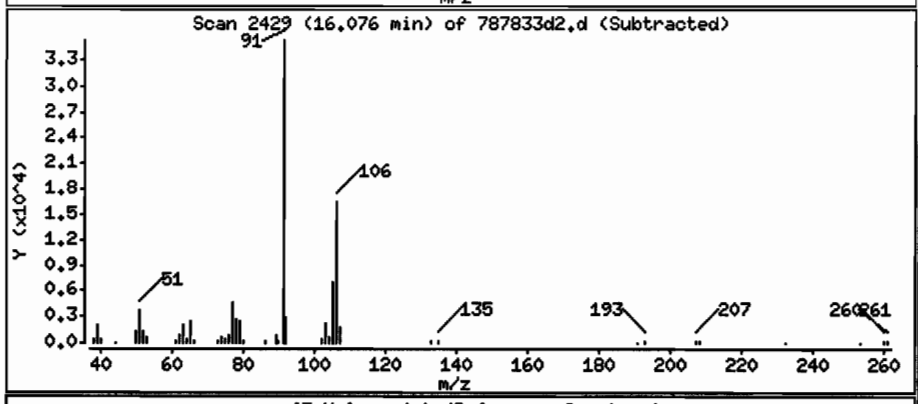
Column phase: RTX-624

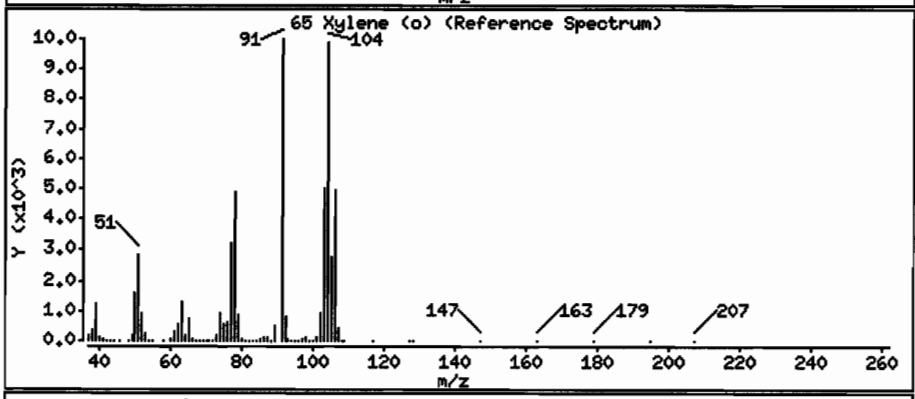
Column diameter: 0.32

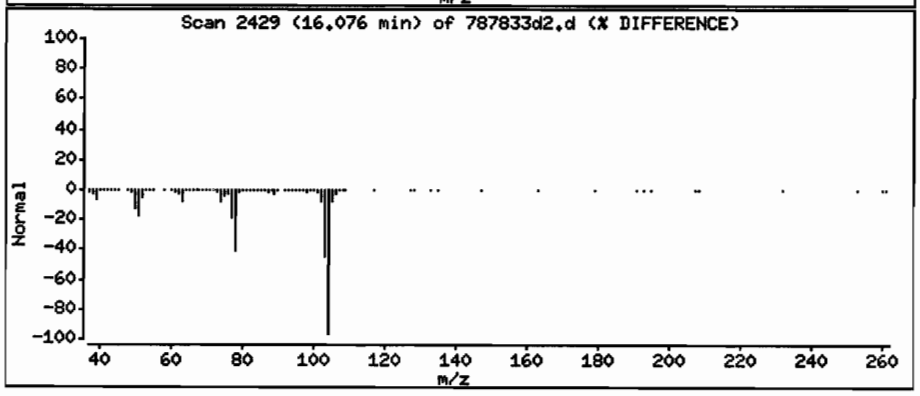
65 Xylene (o)

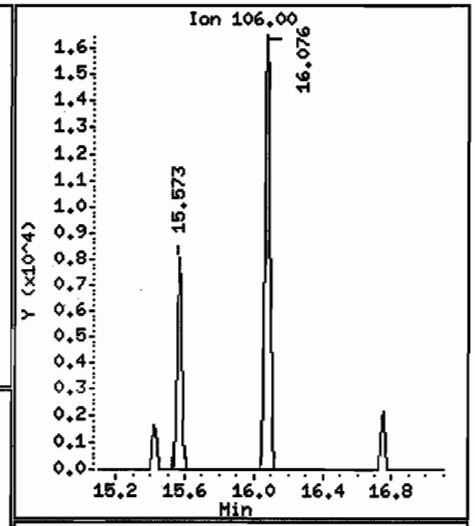
Concentration: 48 ppbv

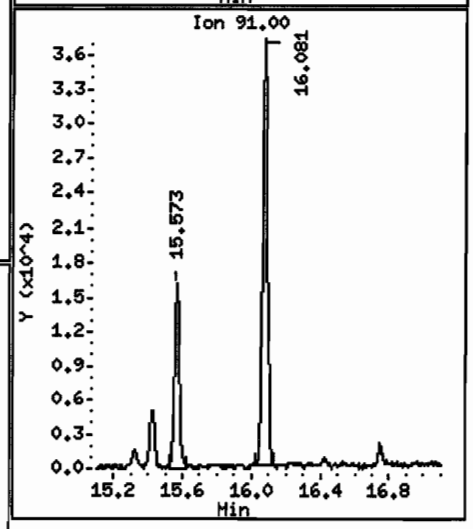












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-31V4N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787837

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 787837

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	2.5	
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	15	
75-15-0	Carbon Disulfide	1.4	
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
75-34-3	1,1-Dichloroethane	0.28	
78-93-3	Methyl Ethyl Ketone	1.9	
156-59-2	cis-1,2-Dichloroethene	3.1	
67-66-3	Chloroform	2.5	
71-55-6	1,1,1-Trichloroethane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
71-43-2	Benzene	0.31	
107-06-2	1,2-Dichloroethane	2.3	
79-01-6	Trichloroethene	1.3	
78-87-5	1,2-Dichloropropane	0.20	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	1.6	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	4.0	
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.35	
1330-20-7	Xylene (m,p)	1.4	
95-47-6	Xylene (o)	0.40	
100-42-5	Styrene	0.66	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-31V4N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787837

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 787837

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

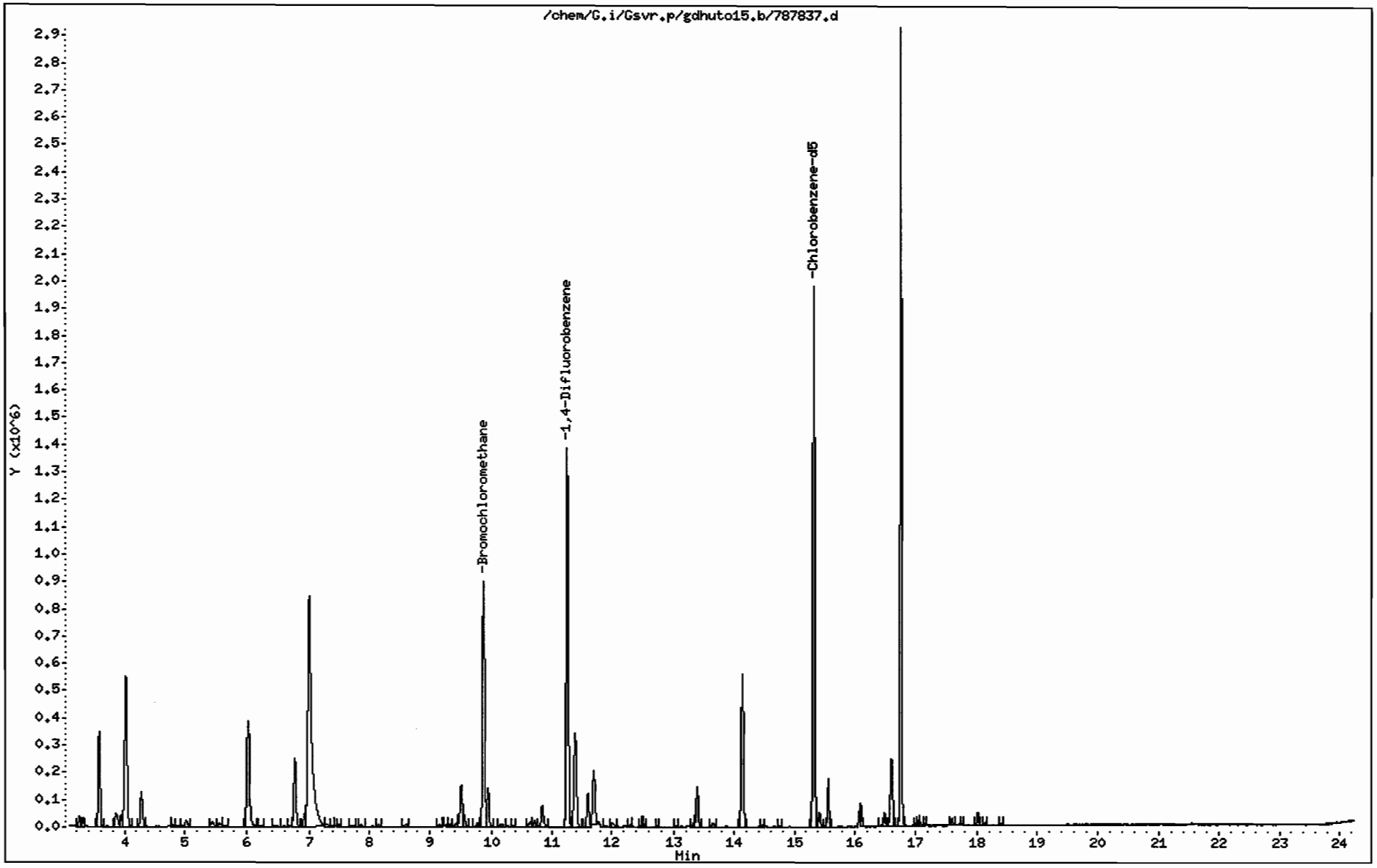
Purge Volume: 200.0

Column phase: RTX-624

Instrument: G.i

Operator: njr

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/787837.d
Lab Smp Id: 787837 Client Smp ID: VP-31V4N
Inj Date : 12-MAR-2009 12:29
Operator : njr Inst ID: G.i
Smp Info : 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)
Misc Info : 787837;031209GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.937	3.943	(0.399)	51165	2.50412	2.5
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	6.762	6.789	(0.685)	426215	15.4589	15
21 Carbon Disulfide	76	6.933	6.944	(0.702)	94683	1.36033	1.4
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	8.613	8.640	(0.873)	12377	0.27769	0.28
30 Methyl Ethyl Ketone	72	9.549	9.571	(0.967)	16108	1.89755	1.9(Q)
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	81421	3.14650	3.1
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	325348	10.0000	
34 Chloroform	83	9.940	9.961	(1.007)	140768	2.46844	2.5
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	10.710	10.732	(0.952)	22961	0.31310	0.31
41 1,2-Dichloroethane	62	10.833	10.860	(0.963)	83981	2.27333	2.3
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1465576	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.031)	50054	1.30666	1.3
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.385	13.412	(0.873)	82051	1.63812	1.6
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	14.134	14.155	(0.922)	227543	4.02452	4.0
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1381414	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	15.423	15.450	(1.006)	38964	0.35149	0.35
64 Xylene (m,p)	106	15.568	15.594	(1.016)	58018	1.36500	1.4
65 Xylene (o)	106	16.081	16.103	(1.049)	16375	0.39562	0.40
66 Styrene	104	16.108	16.129	(1.051)	40409	0.66070	0.66
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

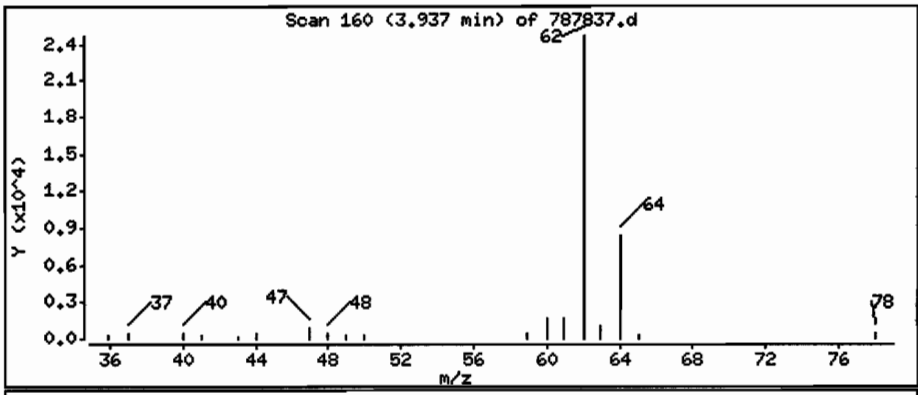
Operator: njr

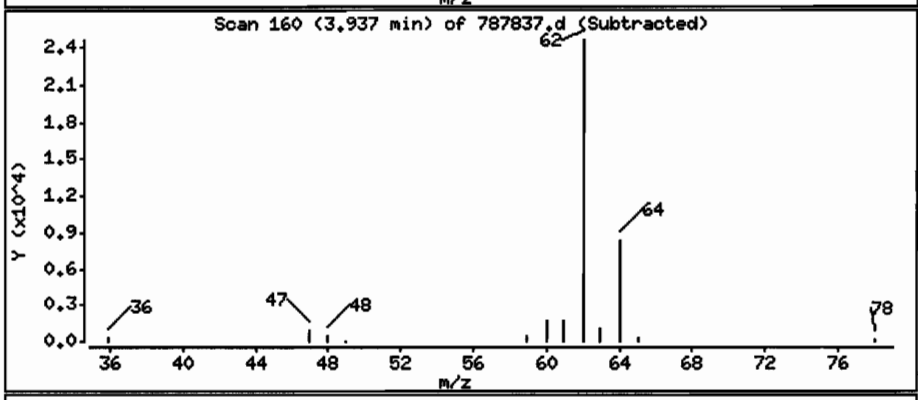
Column phase: RTX-624

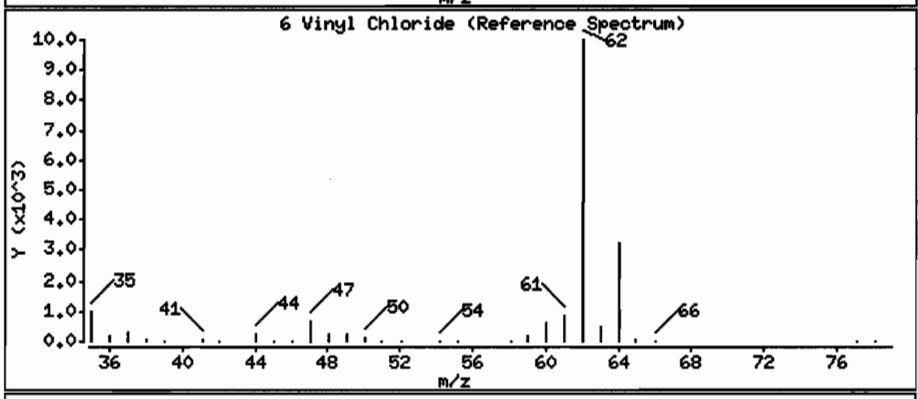
Column diameter: 0.32

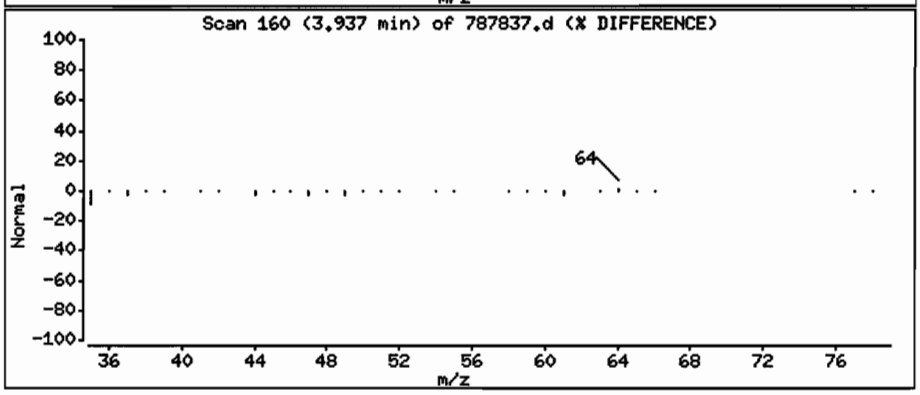
6 Vinyl Chloride

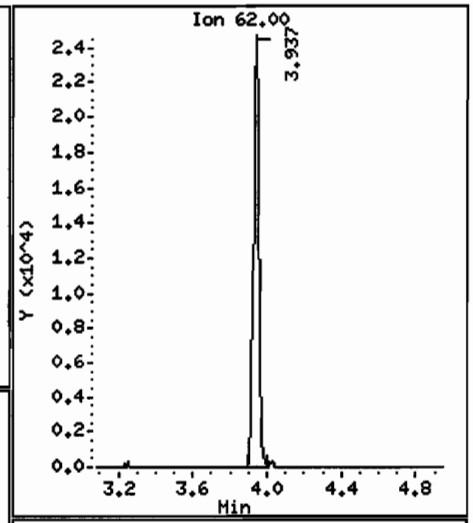
Concentration: 2.5 ppbv

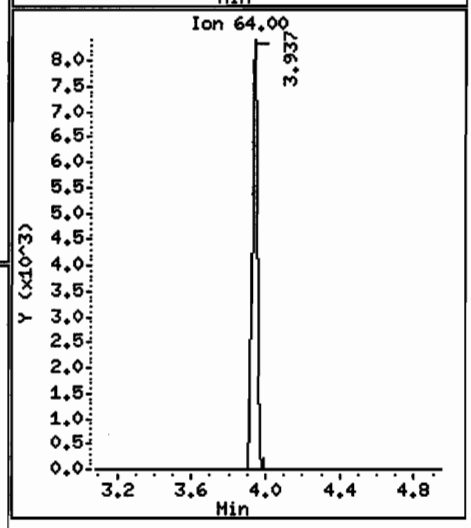












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

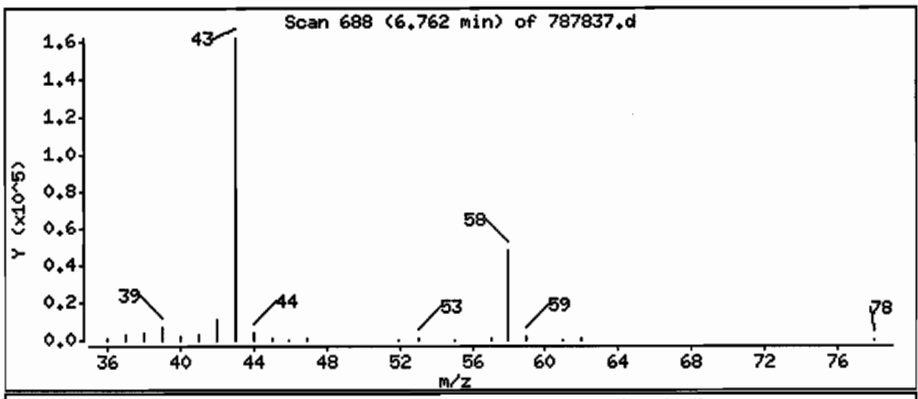
Operator: njr

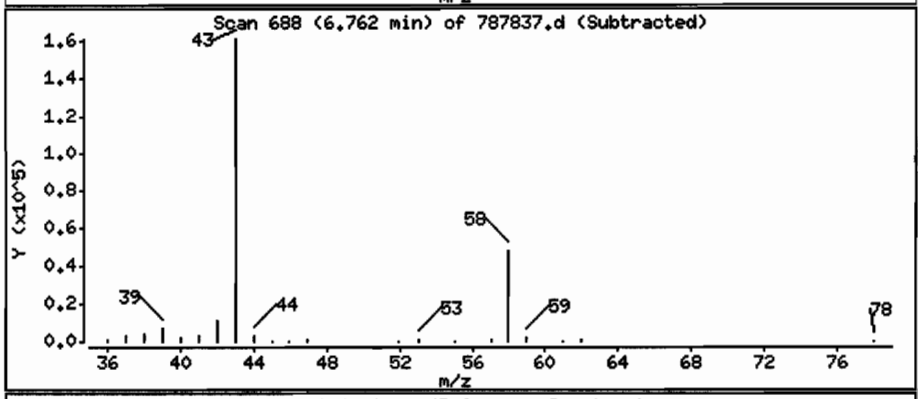
Column phase: RTX-624

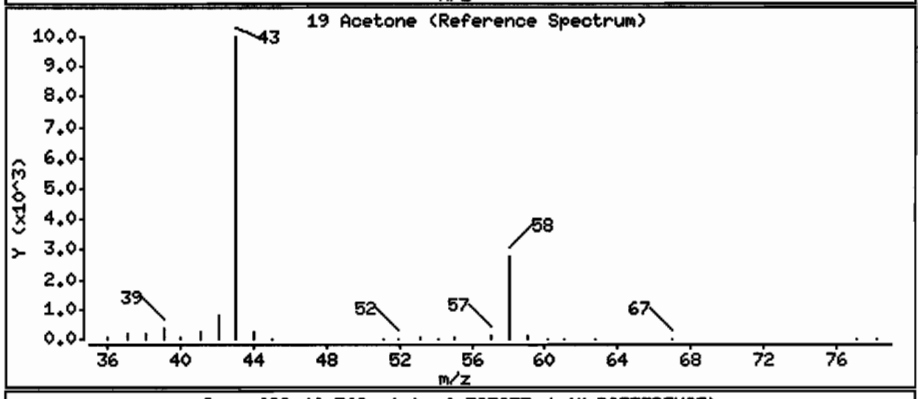
Column diameter: 0.32

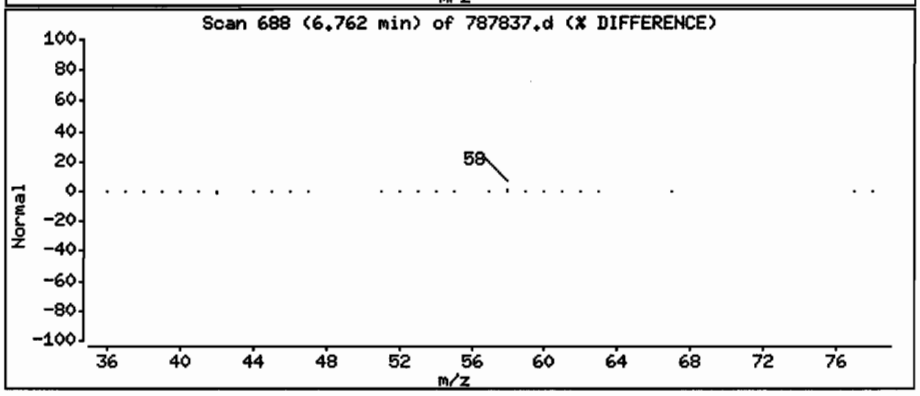
19 Acetone

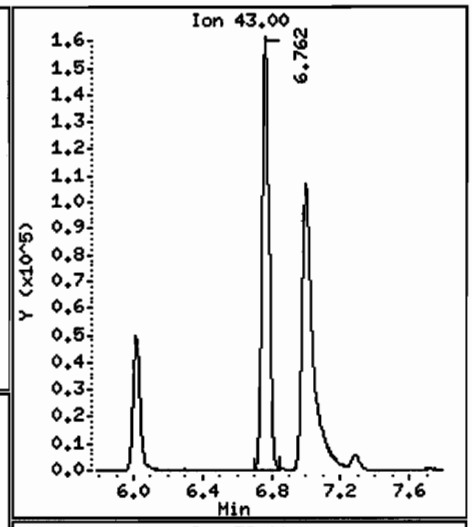
Concentration: 15 ppbv

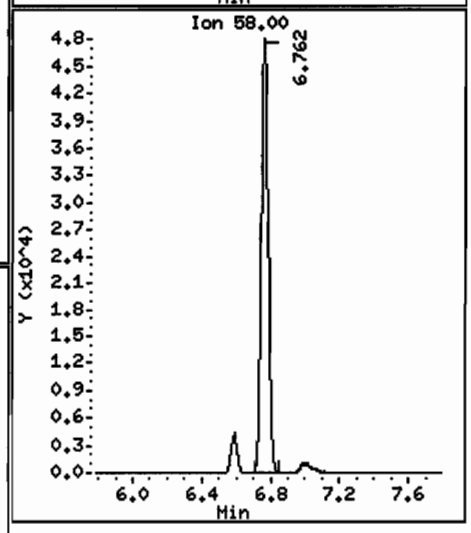












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

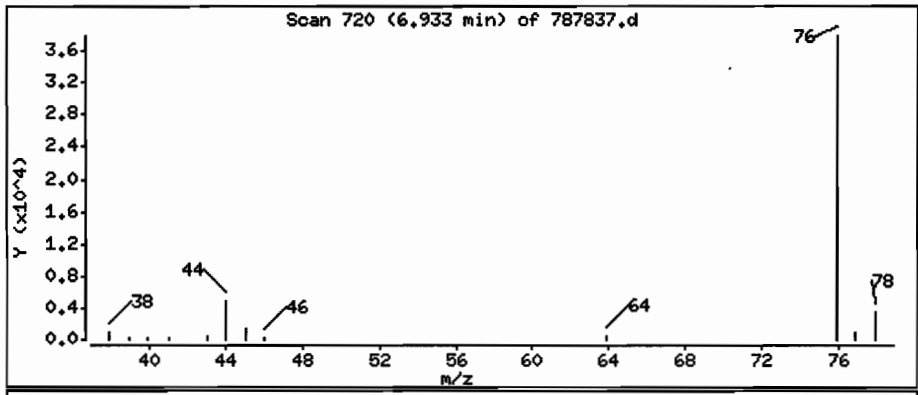
Operator: njr

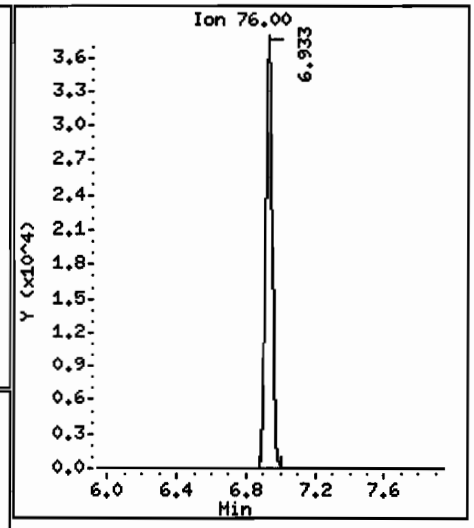
Column phase: RTX-624

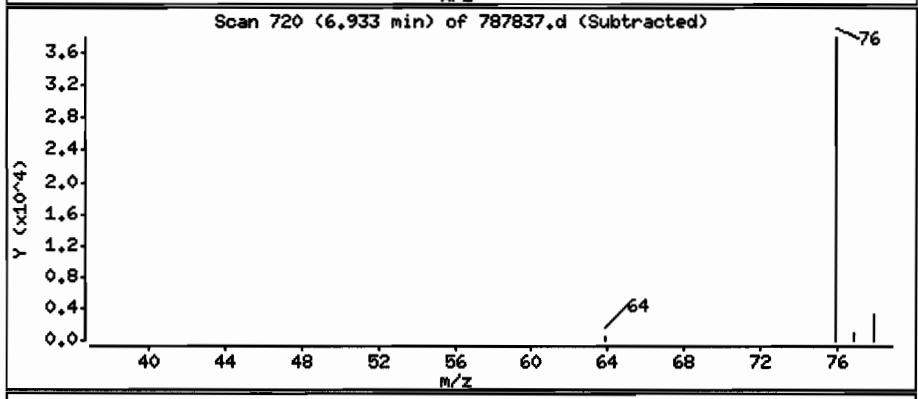
Column diameter: 0.32

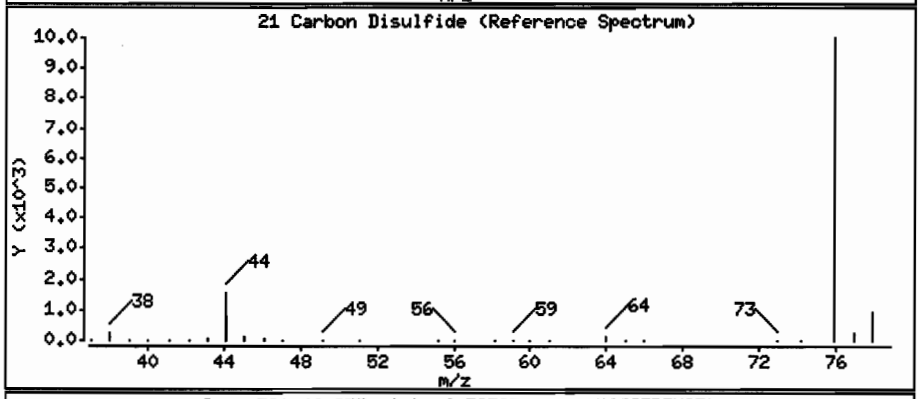
21 Carbon Disulfide

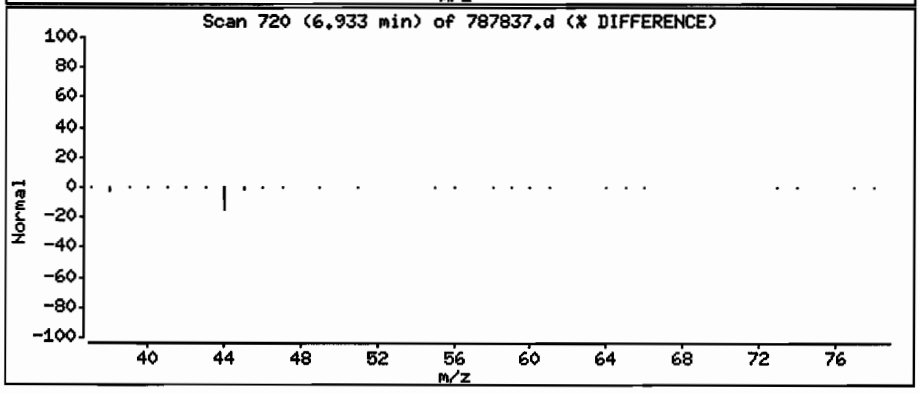
Concentration: 1.4 ppbv











Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

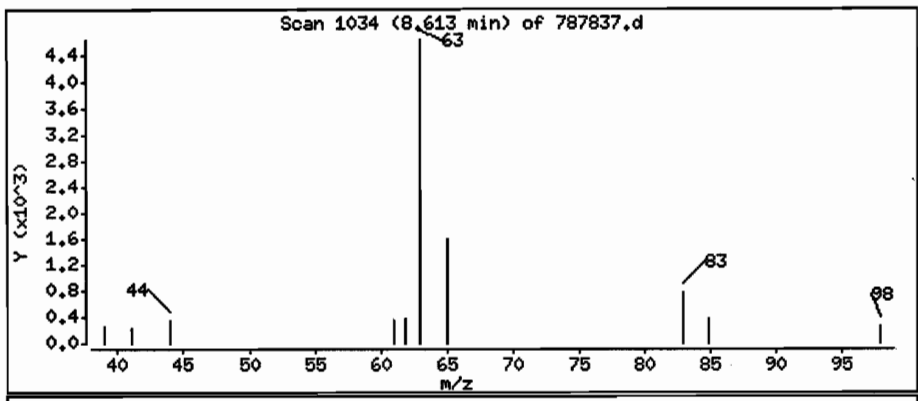
Operator: njr

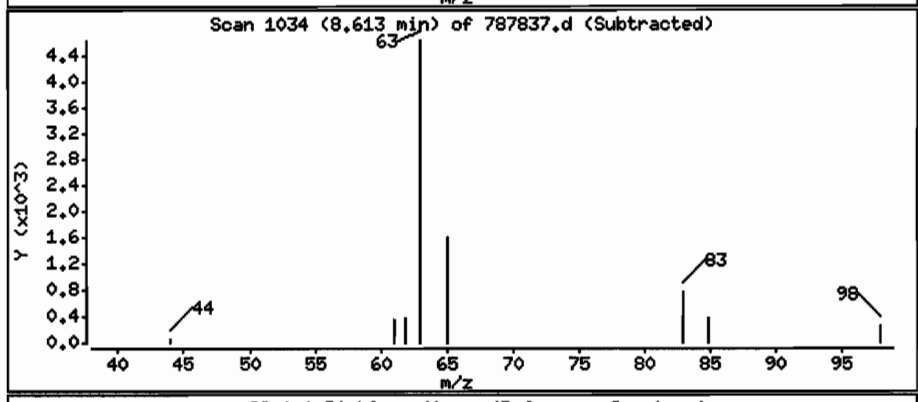
Column phase: RTX-624

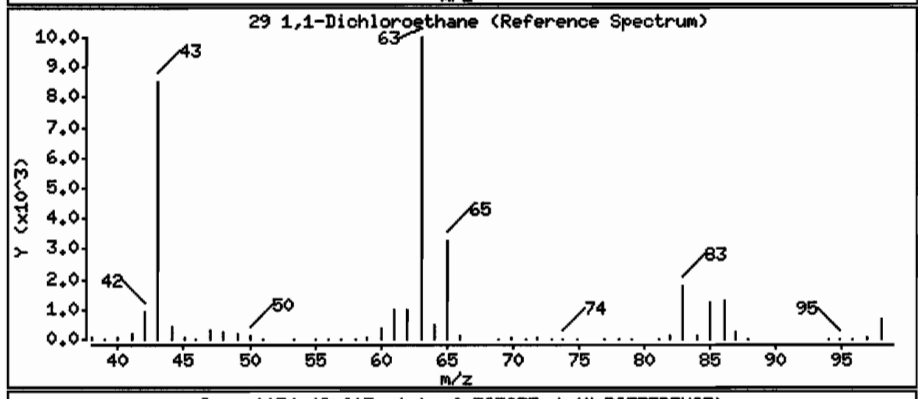
Column diameter: 0.32

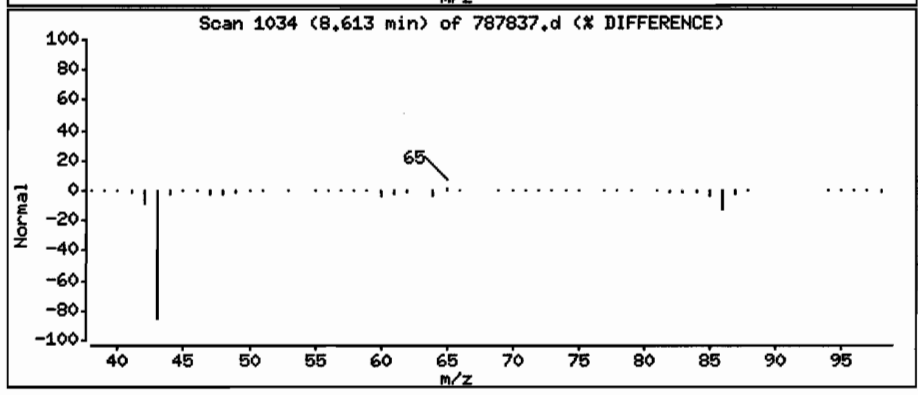
29 1,1-Dichloroethane

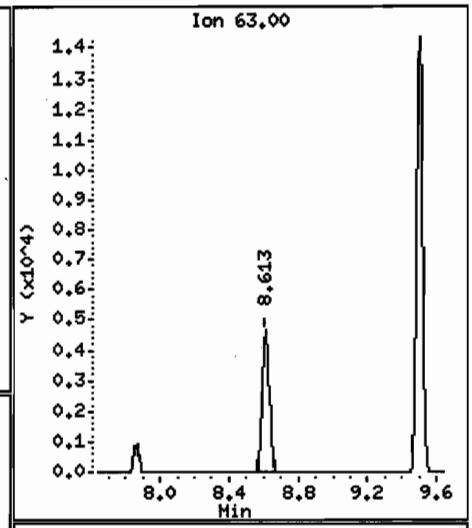
Concentration: 0.28 ppbv

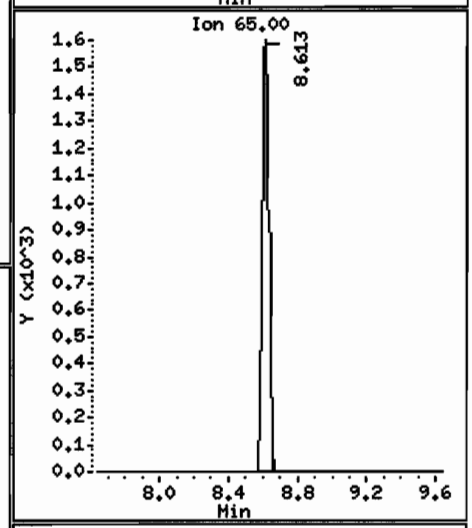


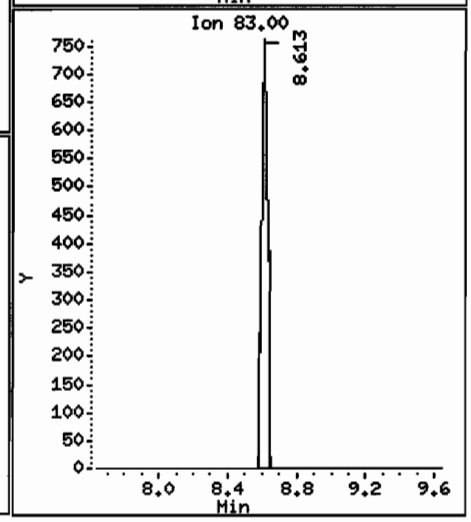












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[103/05/09 @0950(AIR)

Purge Volume: 200.0

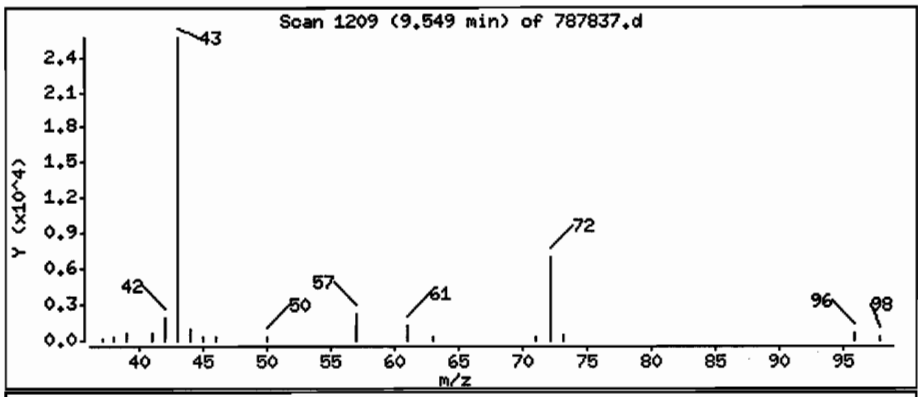
Operator: njr

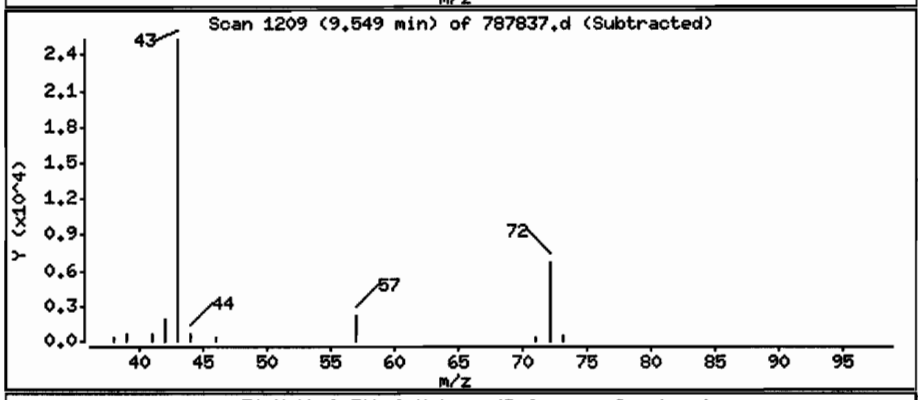
Column phase: RTX-624

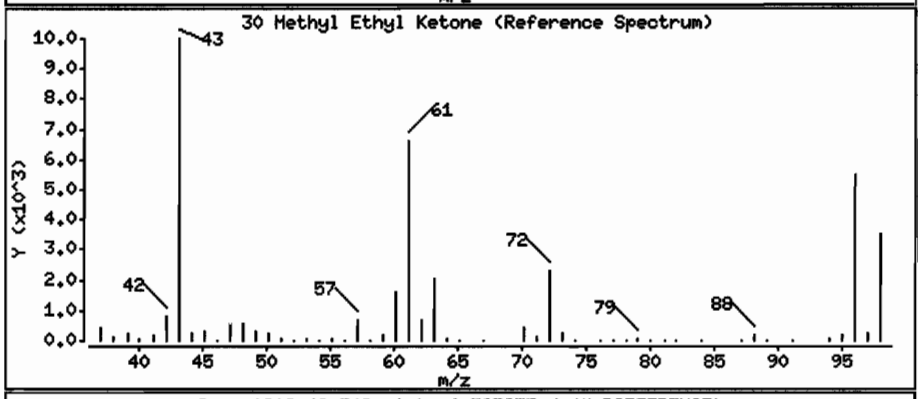
Column diameter: 0.32

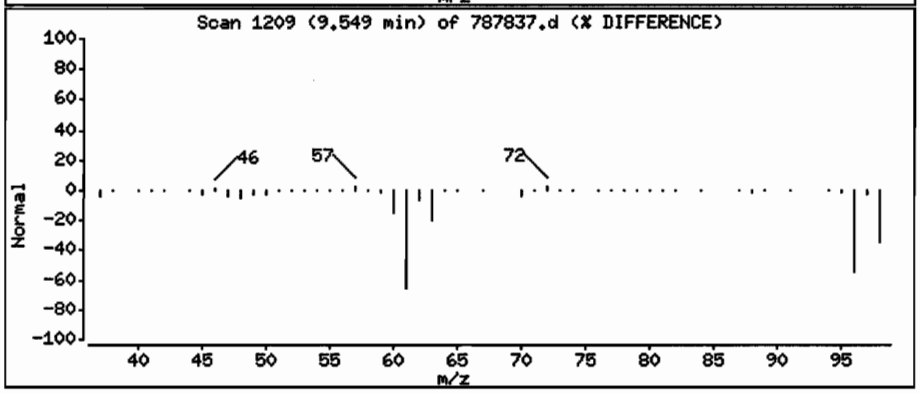
30 Methyl Ethyl Ketone

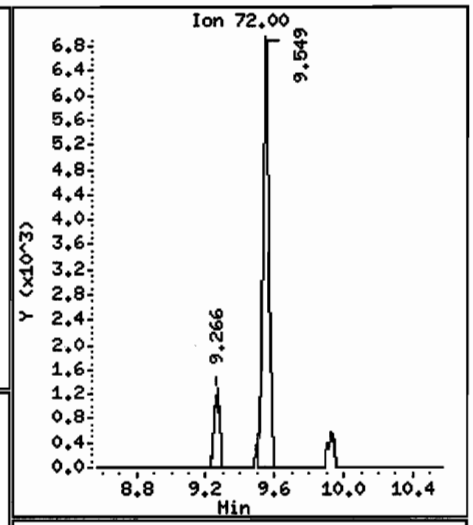
Concentration: 1.9 ppbv

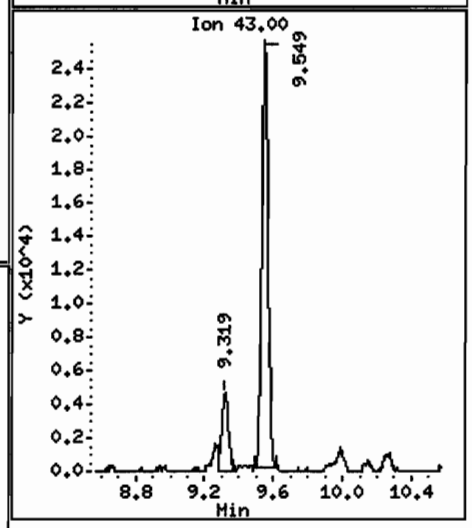












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[103/05/09 @0950(AIR)

Purge Volume: 200.0

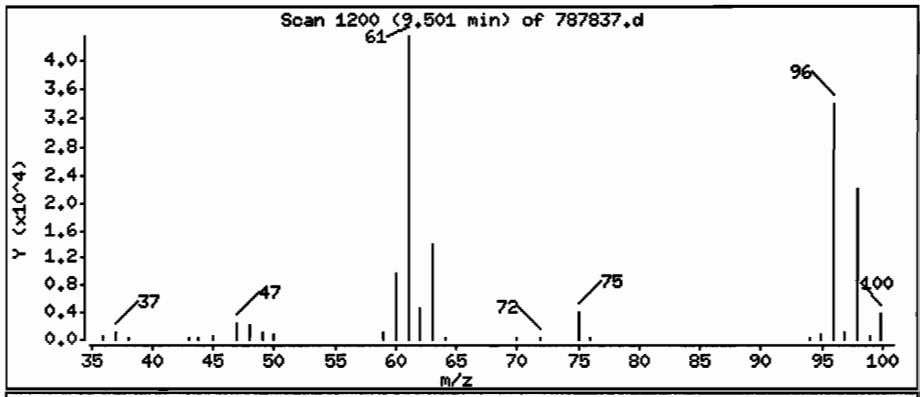
Operator: njr

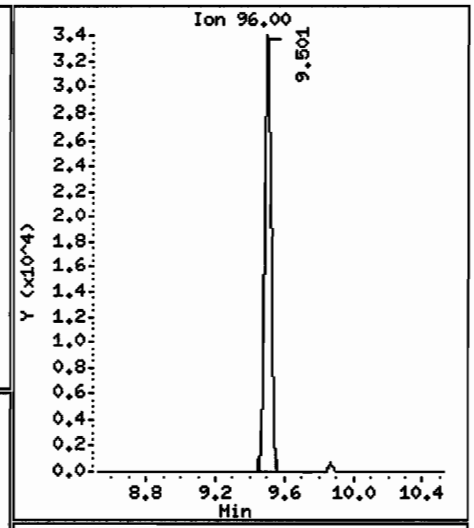
Column phase: RTX-624

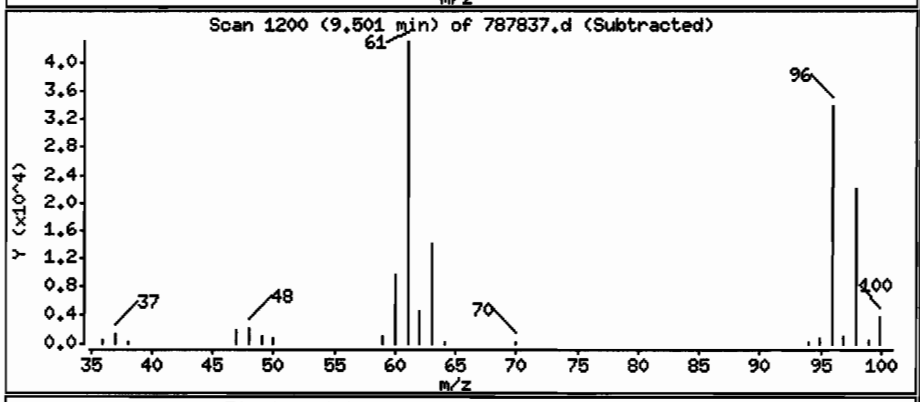
Column diameter: 0.32

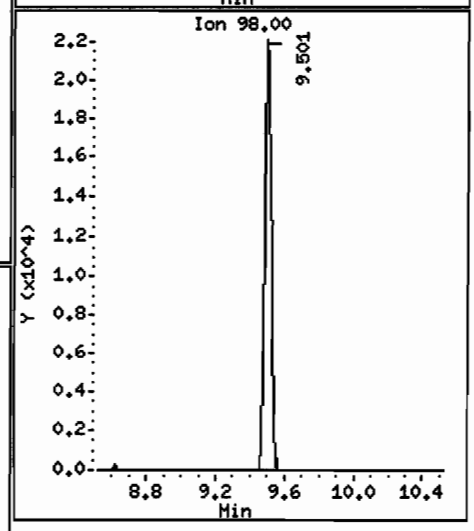
31 cis-1,2-Dichloroethene

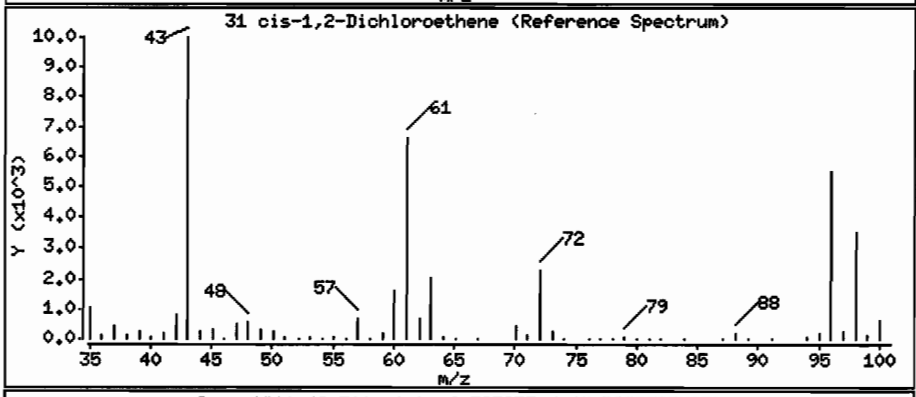
Concentration: 3.1 ppbv

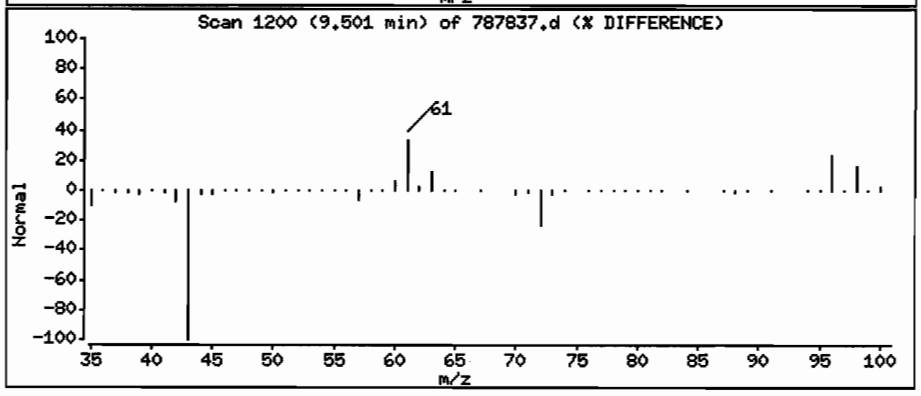












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

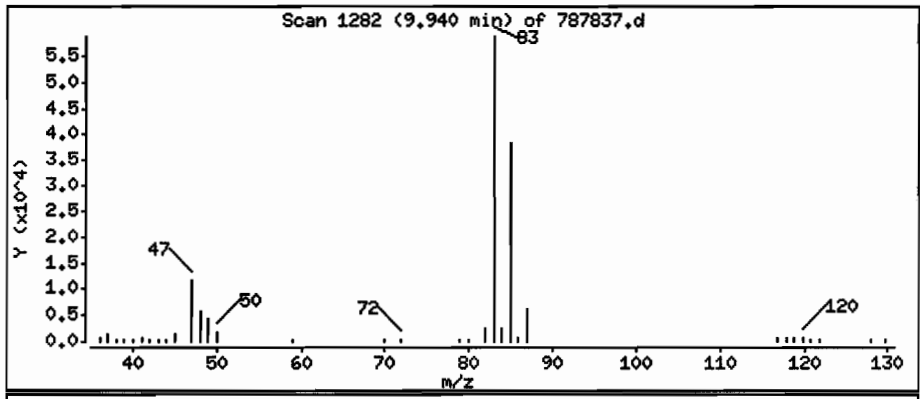
Operator: njr

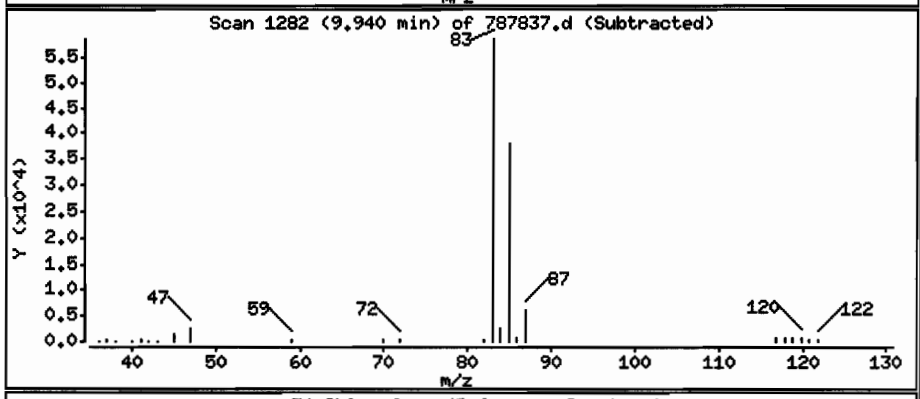
Column phase: RTX-624

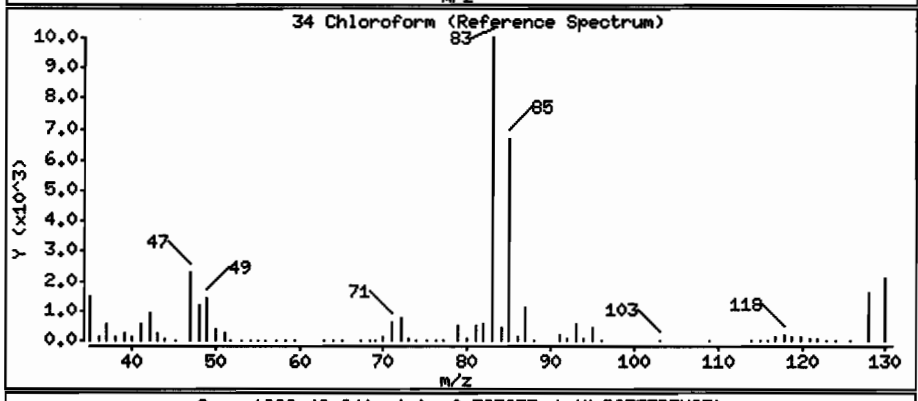
Column diameter: 0.32

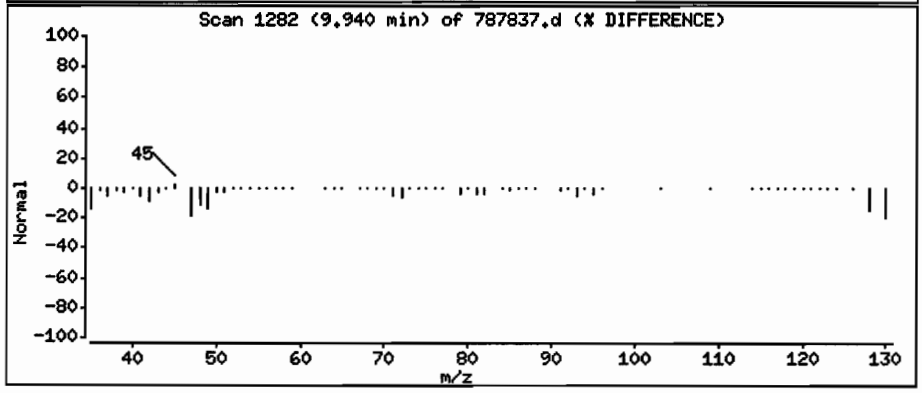
34 Chloroform

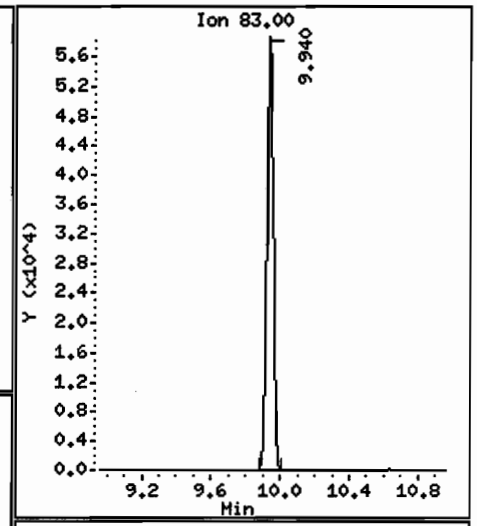
Concentration: 2.5 ppbv

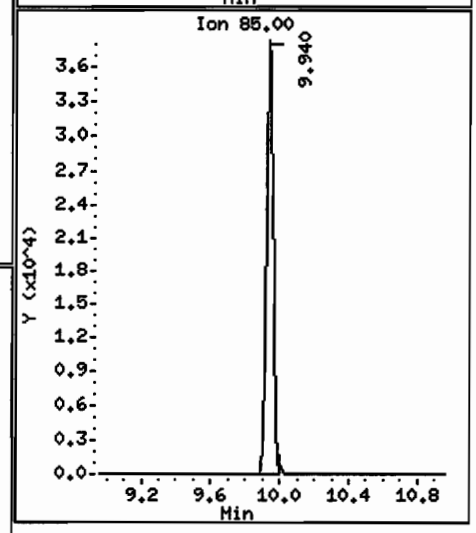












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

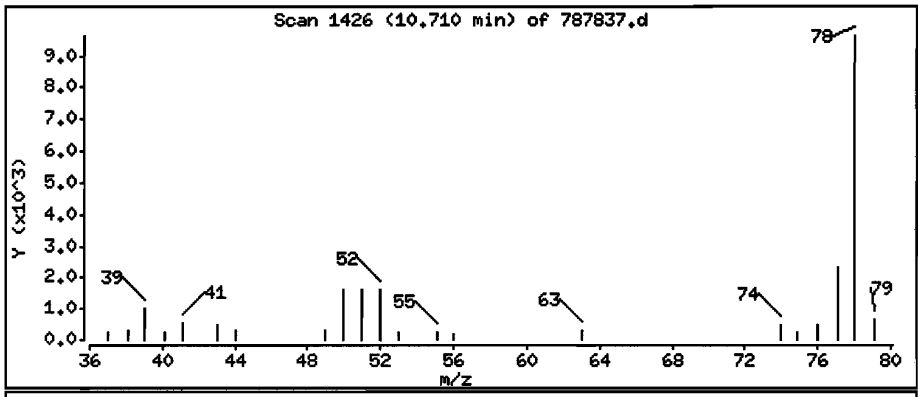
Operator: njr

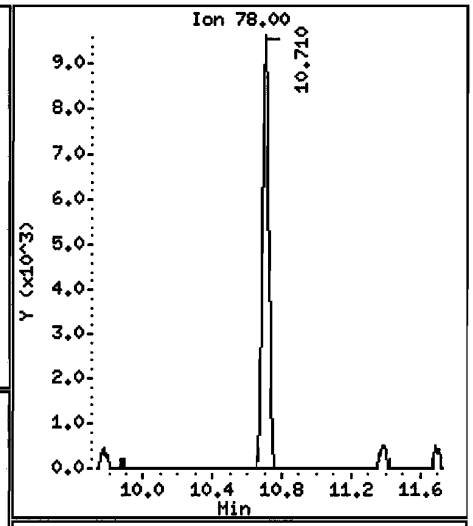
Column phase: RTX-624

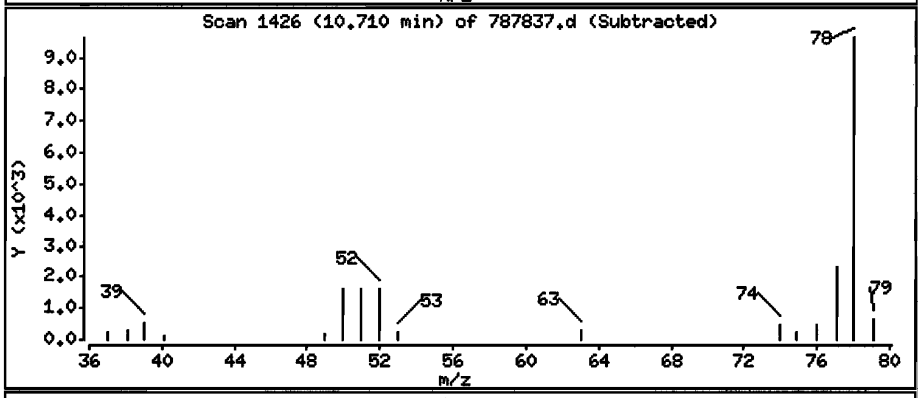
Column diameter: 0.32

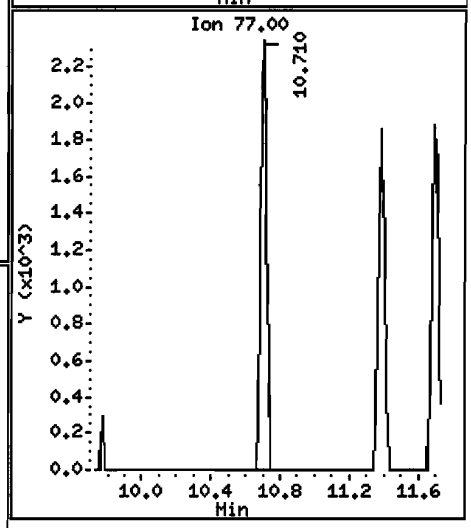
39 Benzene

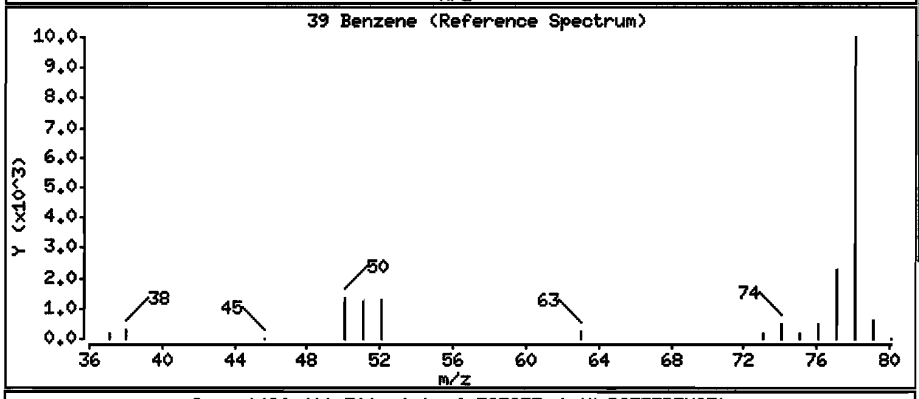
Concentration: 0.31 ppbv

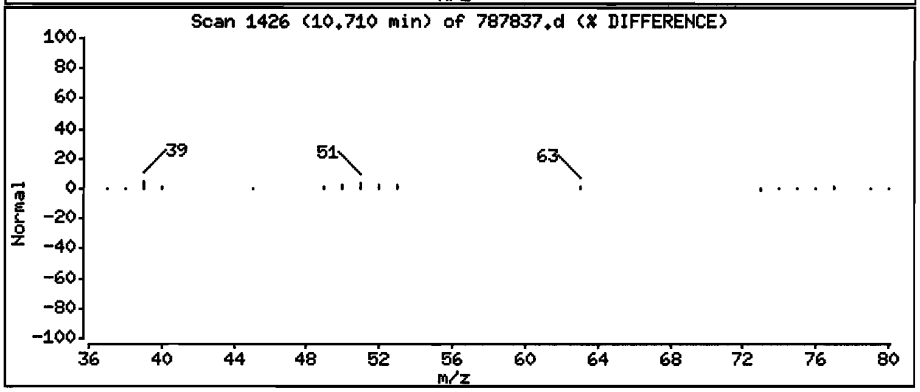












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

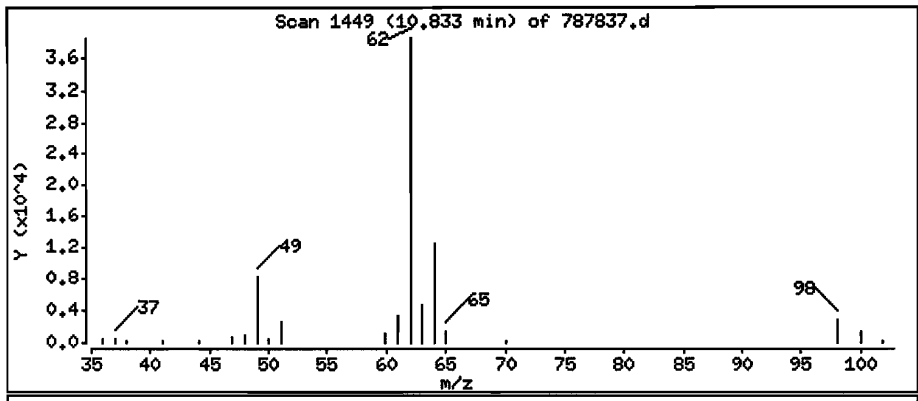
Operator: njr

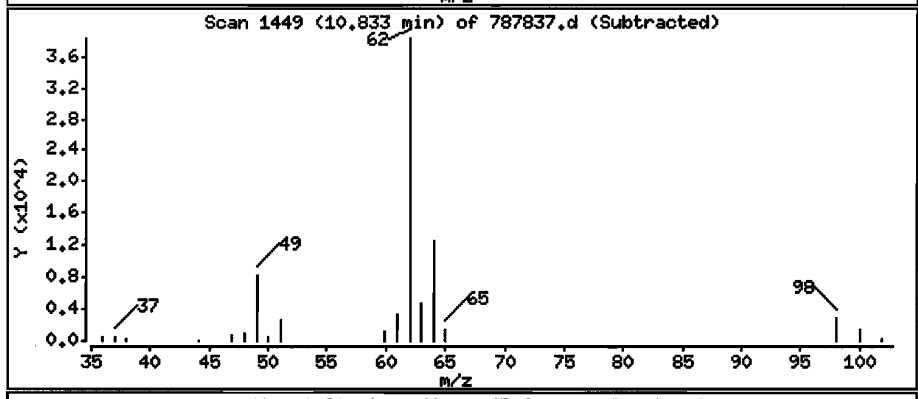
Column phase: RTX-624

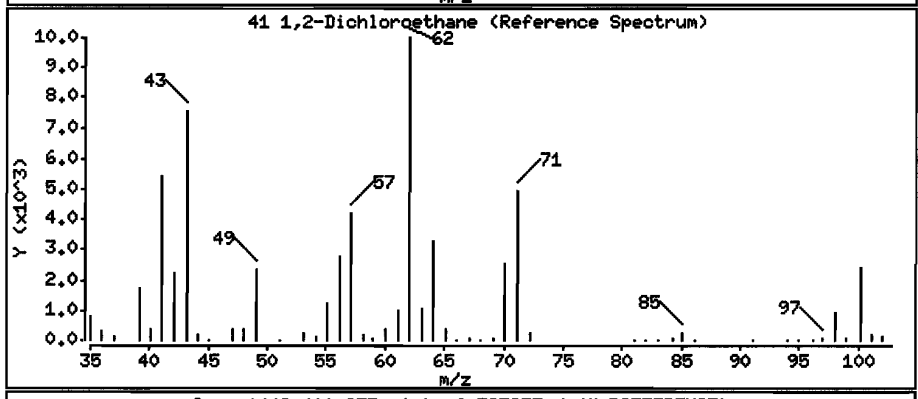
Column diameter: 0.32

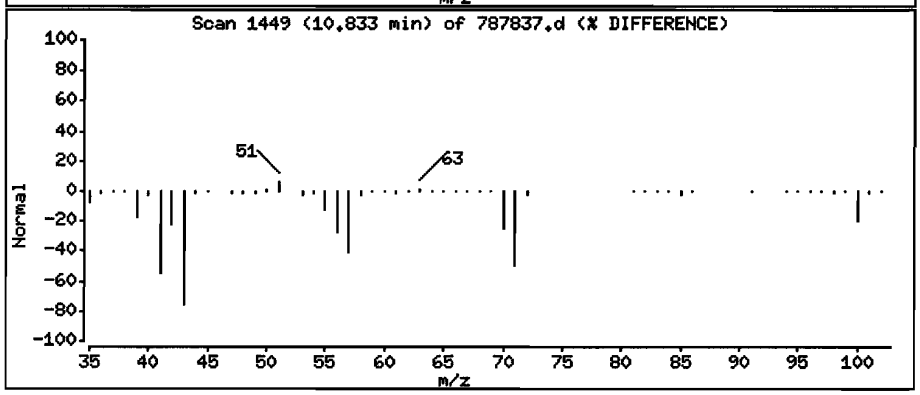
41 1,2-Dichloroethane

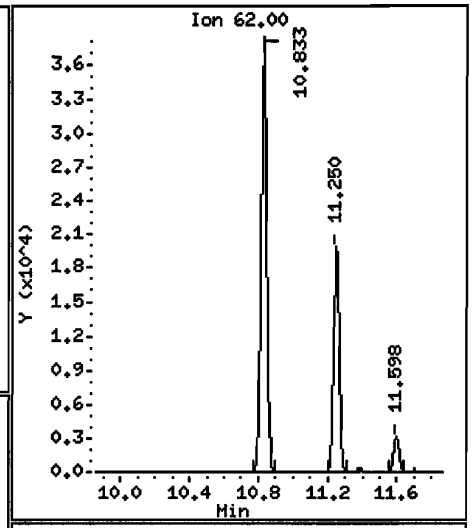
Concentration: 2.3 ppbv

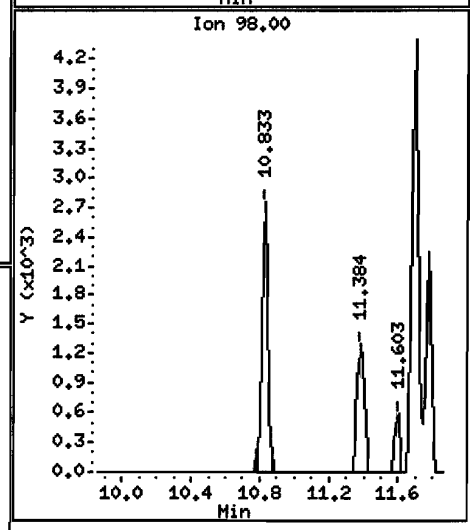












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

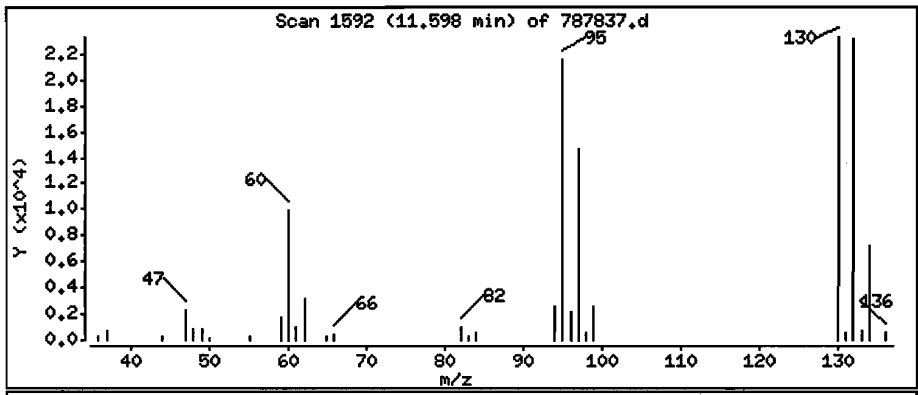
Operator: njr

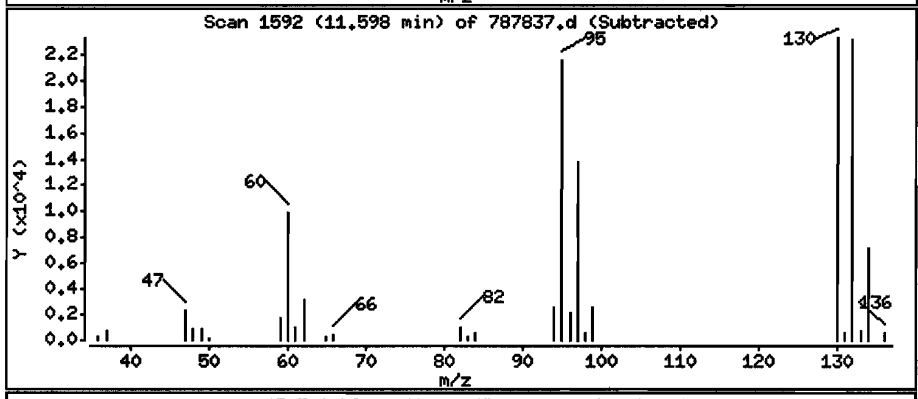
Column phase: RTX-624

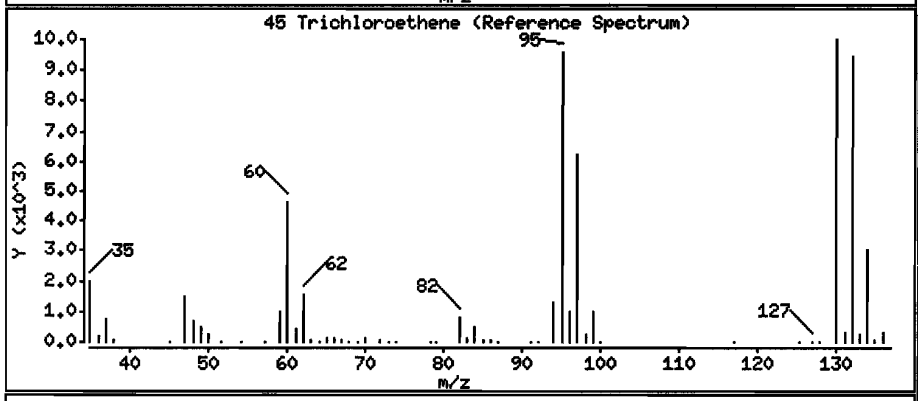
Column diameter: 0.32

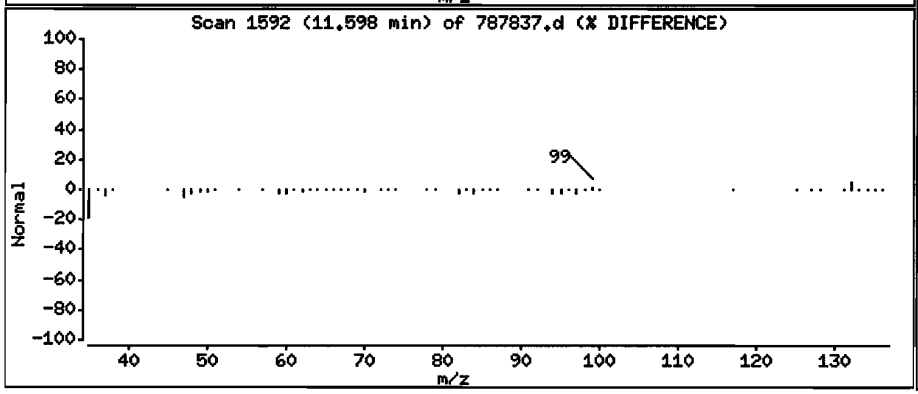
45 Trichloroethene

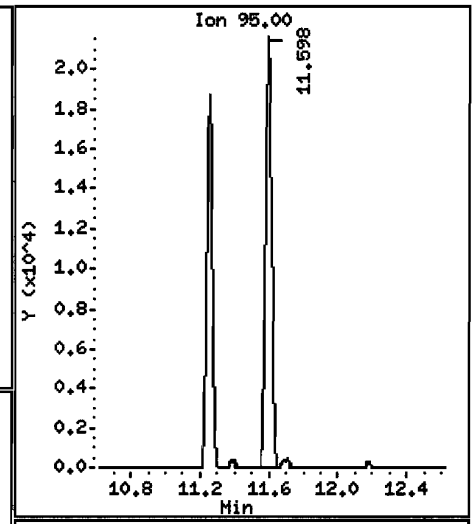
Concentration: 1.3 ppbv

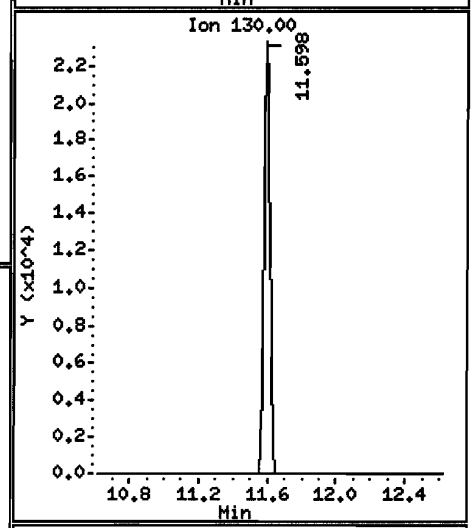


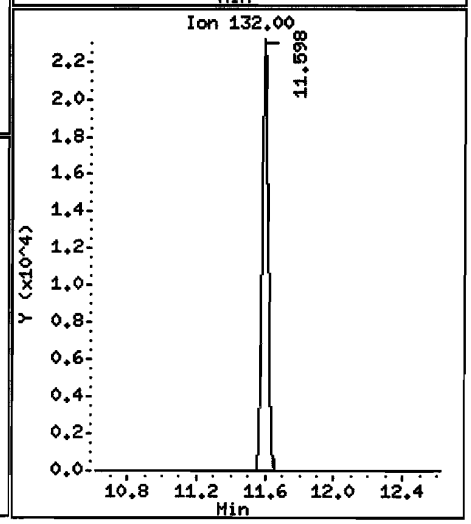












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[03/05/09 @0950(AIR)

Purge Volume: 200.0

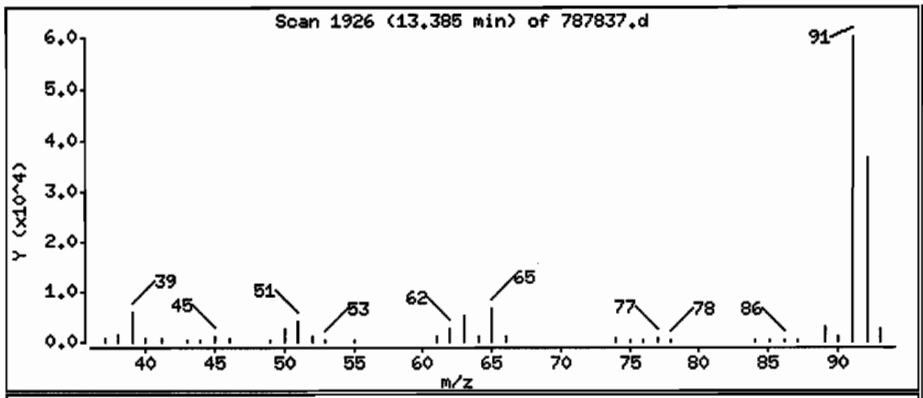
Operator: njr

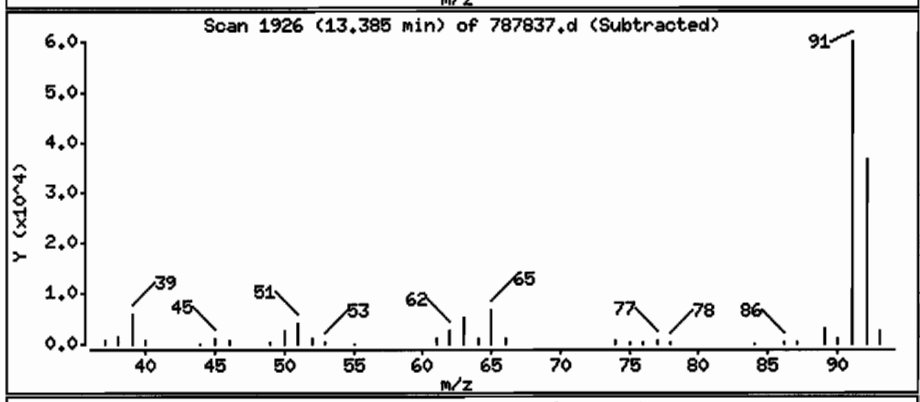
Column phase: RTX-624

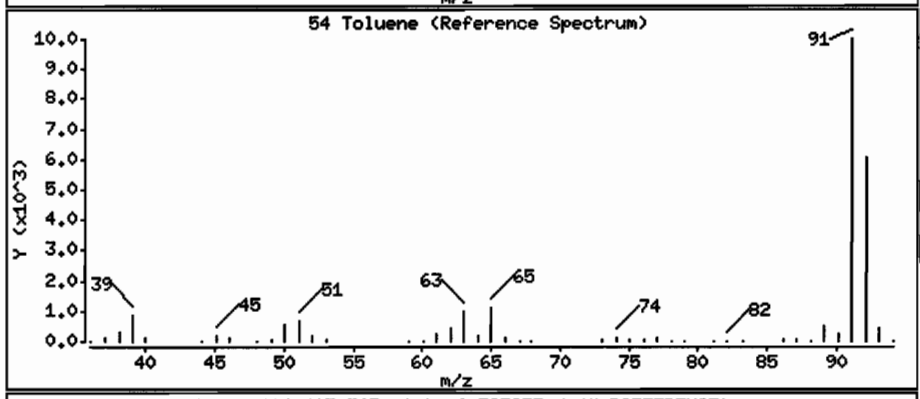
Column diameter: 0.32

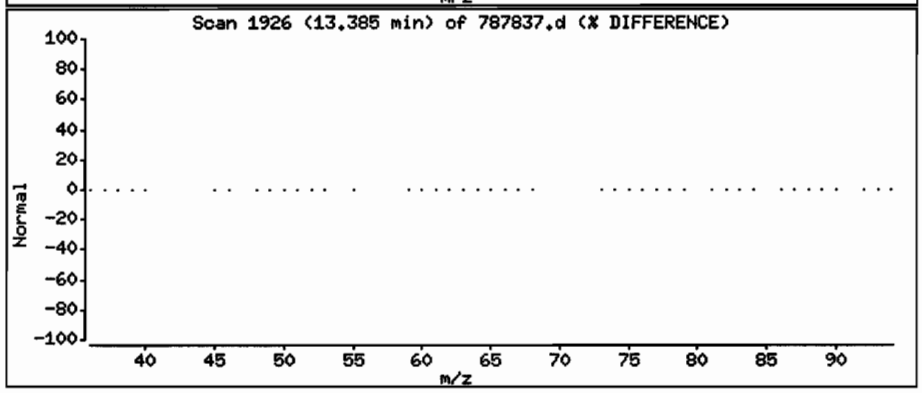
54 Toluene

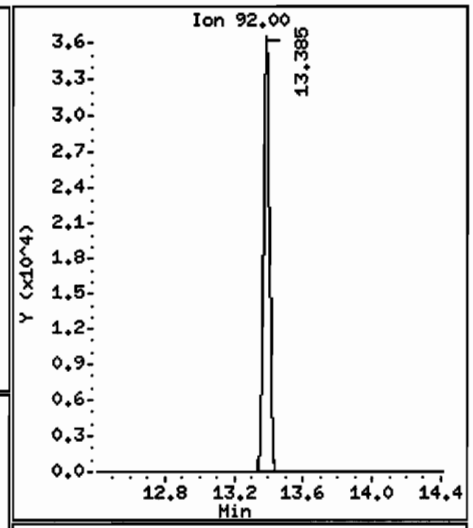
Concentration: 1.6 ppbv

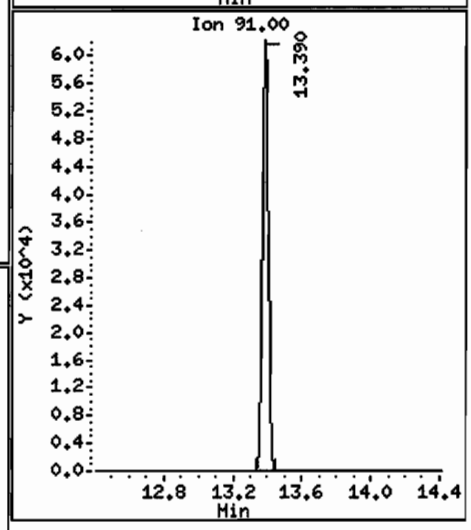












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

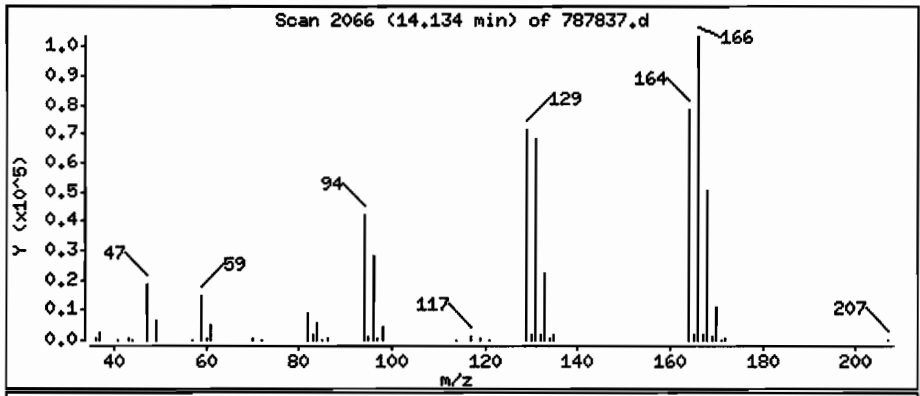
Operator: njr

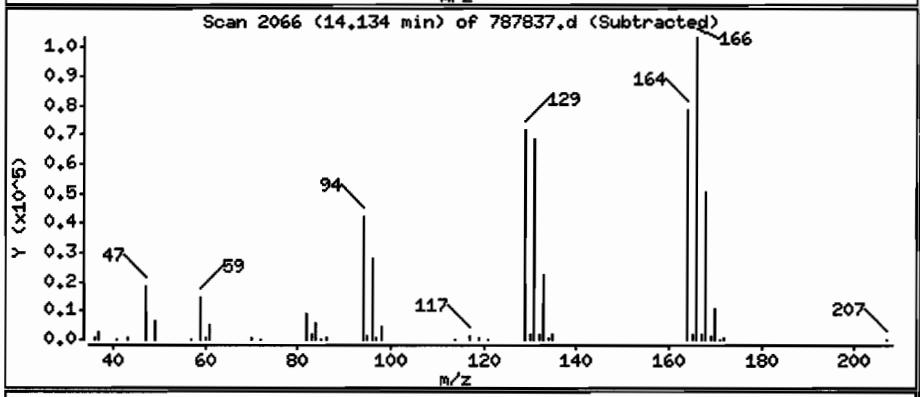
Column phase: RTX-624

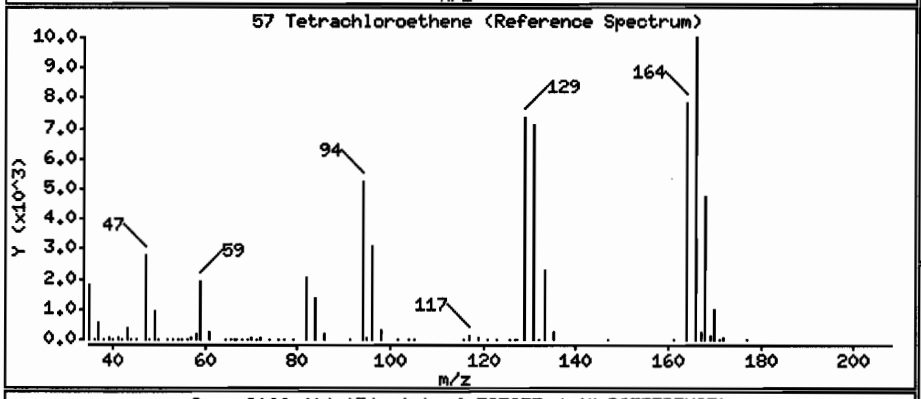
Column diameter: 0.32

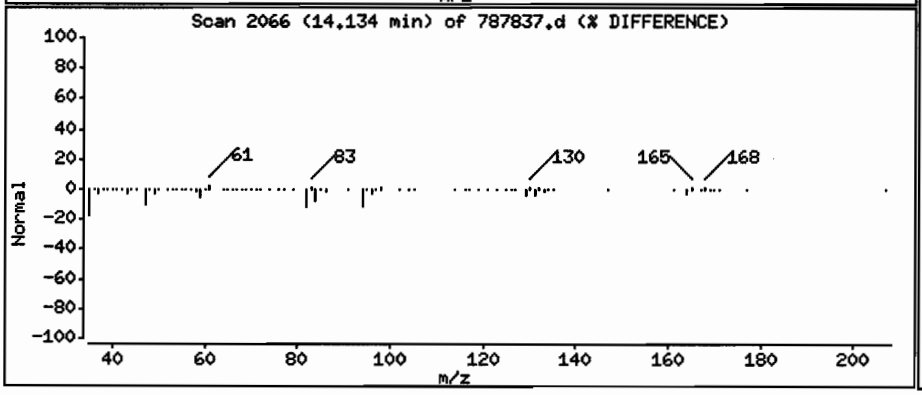
57 Tetrachloroethene

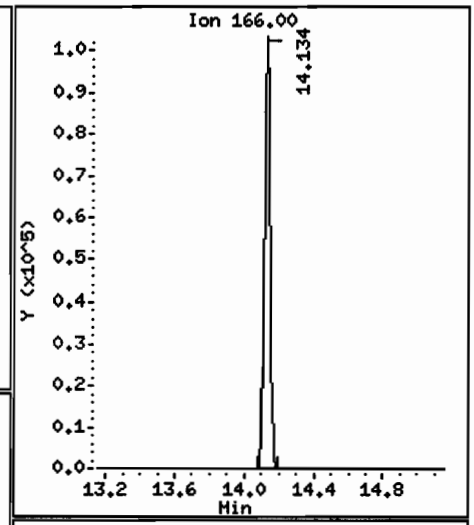
Concentration: 4.0 ppbv

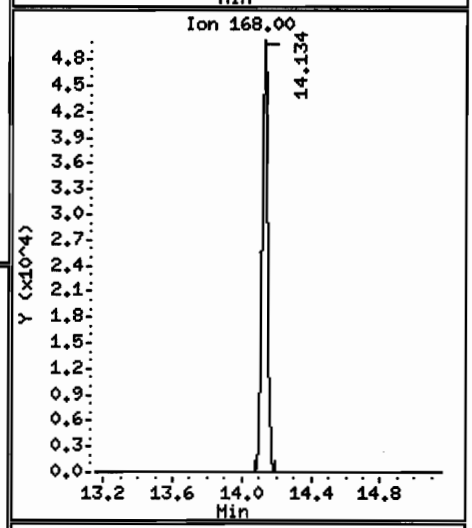


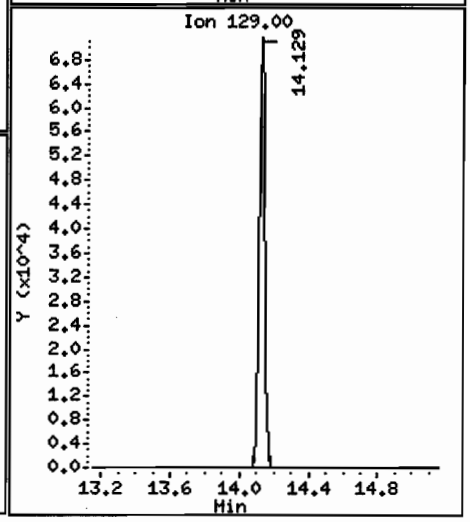












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

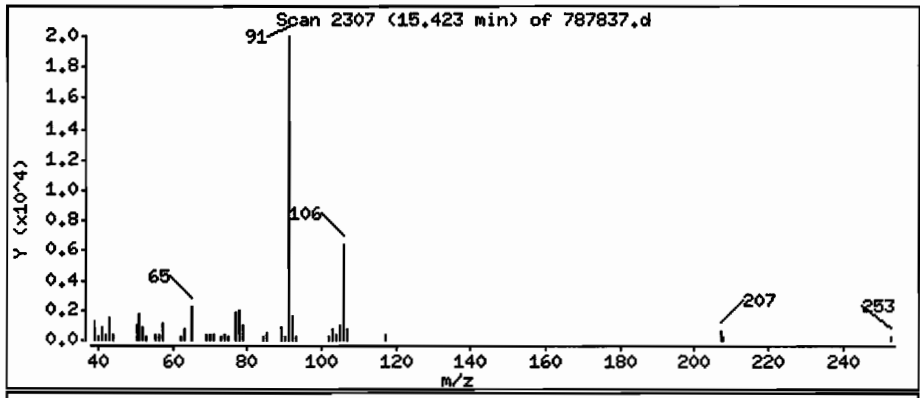
Operator: njr

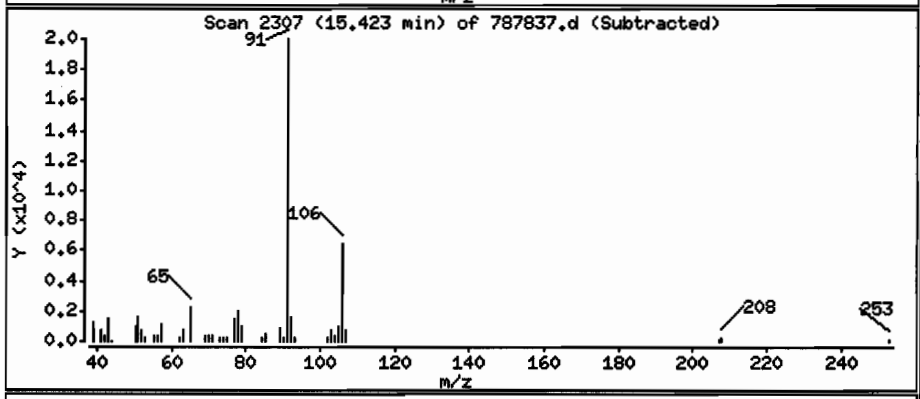
Column phase: RTX-624

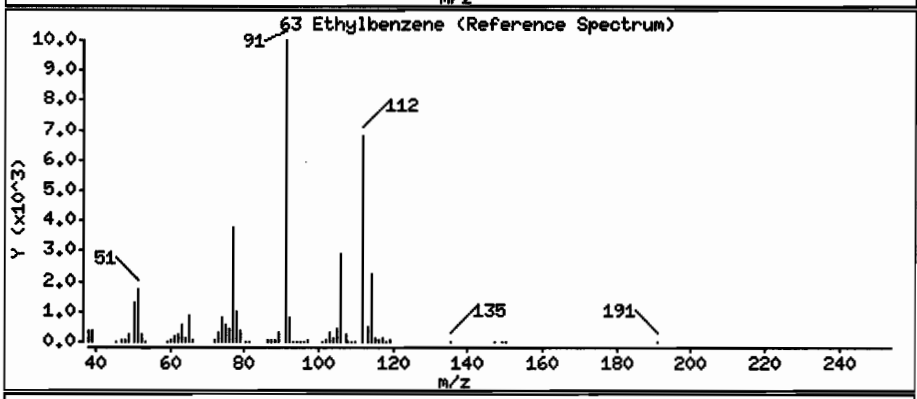
Column diameter: 0.32

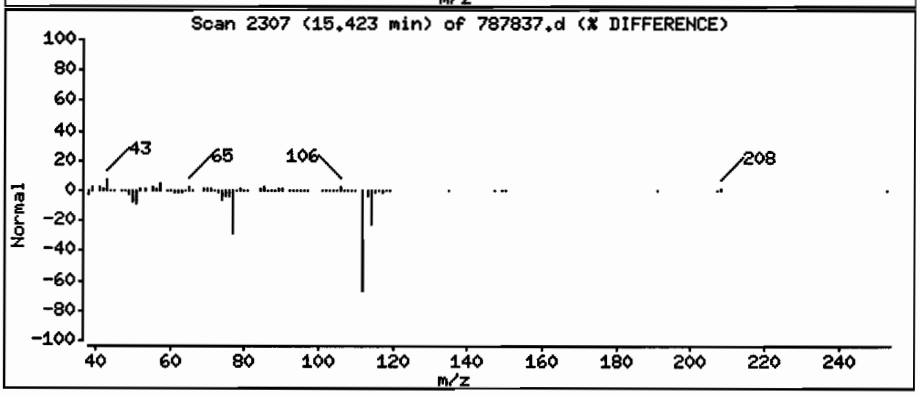
63 Ethylbenzene

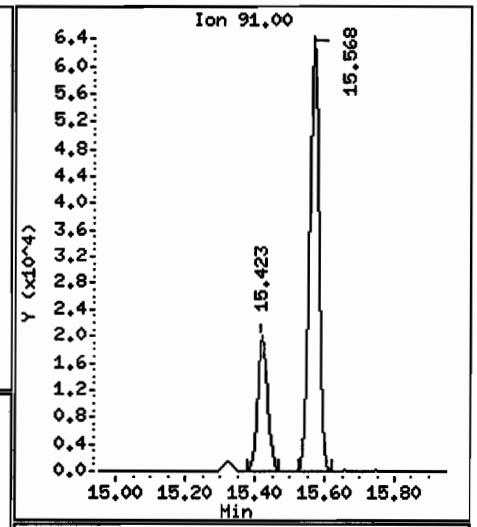
Concentration: 0.35 ppbv

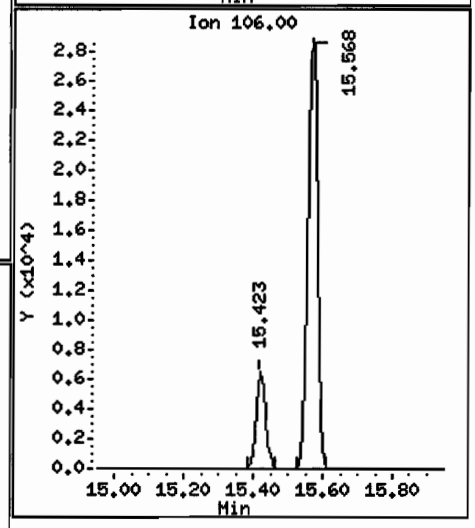












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[03/05/09 @0950(AIR)

Purge Volume: 200.0

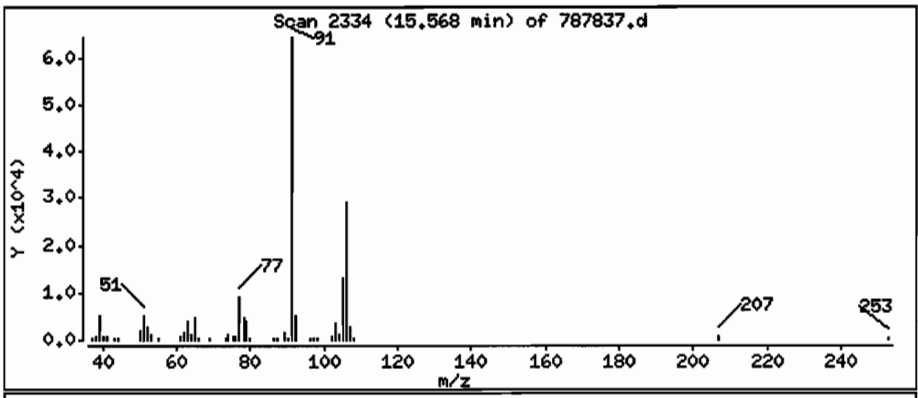
Operator: njr

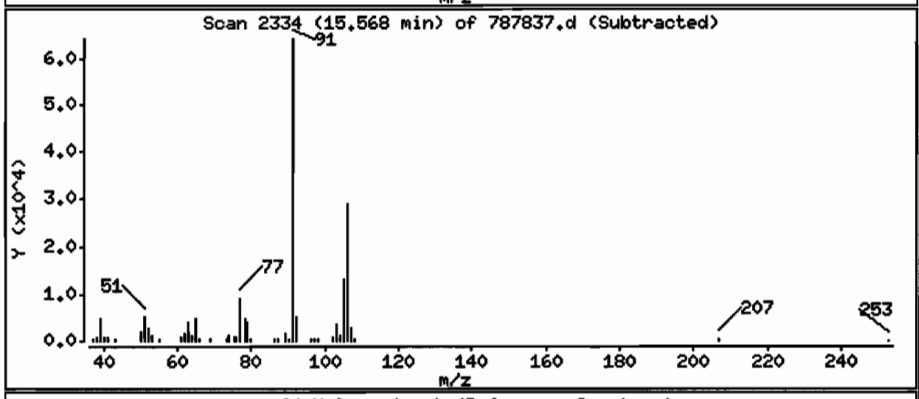
Column phase: RTX-624

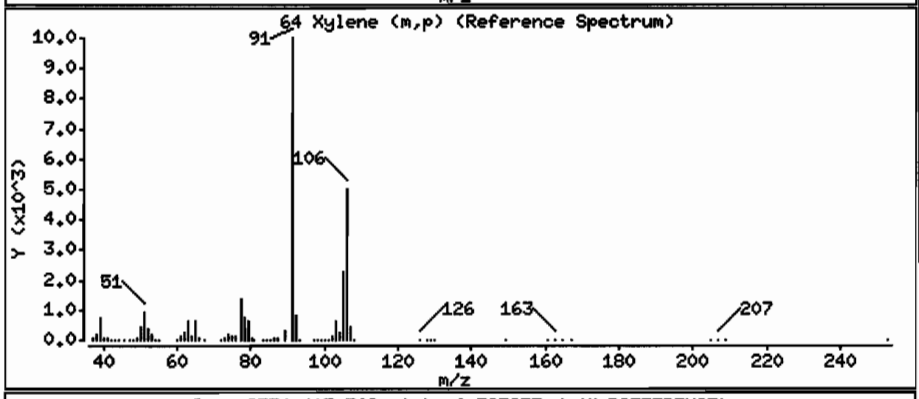
Column diameter: 0.32

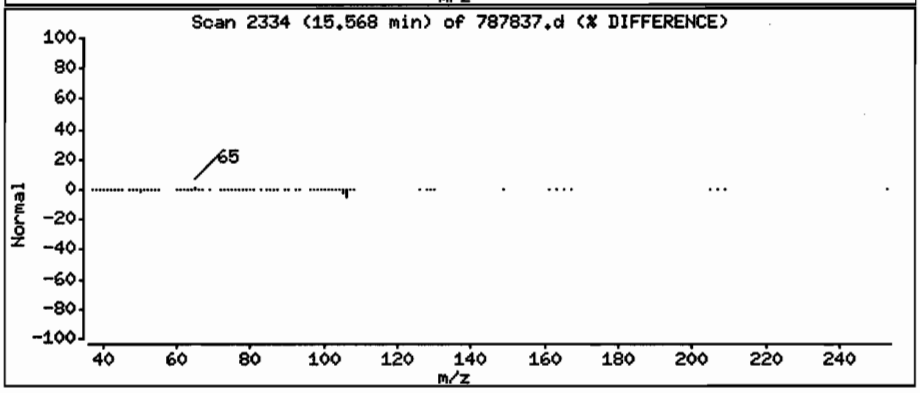
64 Xylene (m,p)

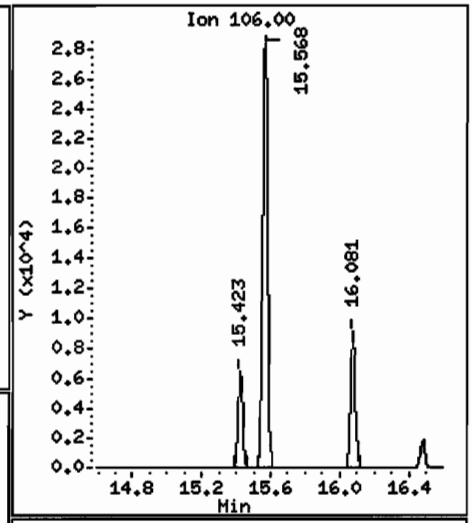
Concentration: 1.4 ppbv

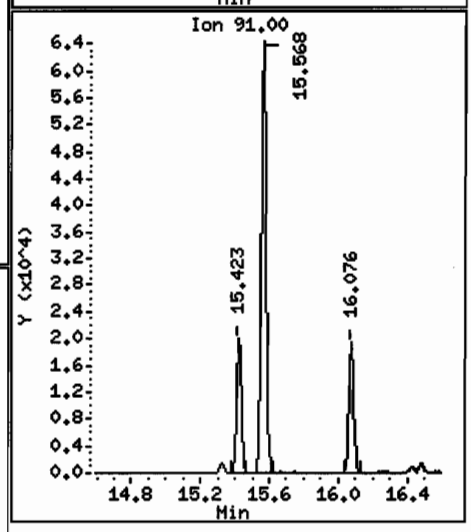












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

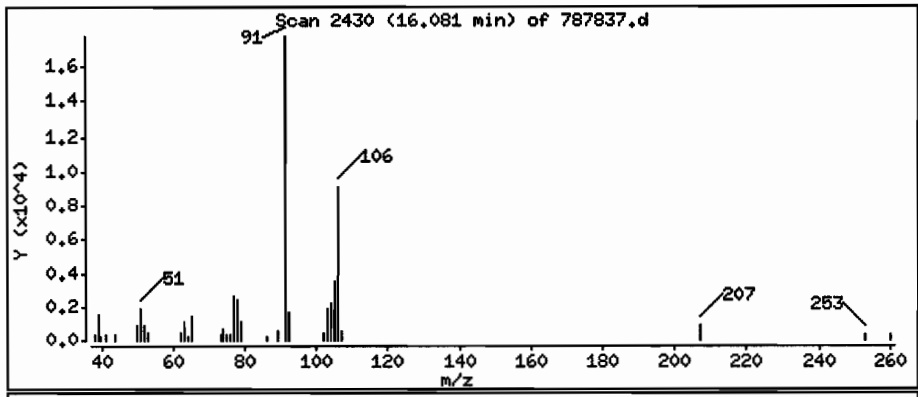
Operator: njr

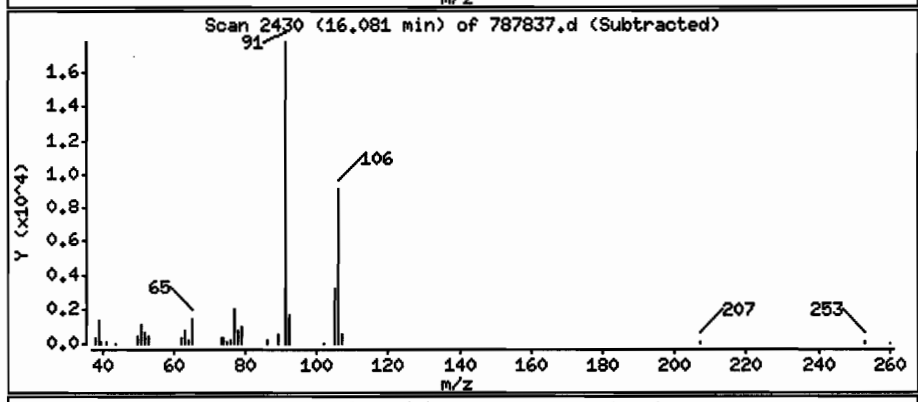
Column phase: RTX-624

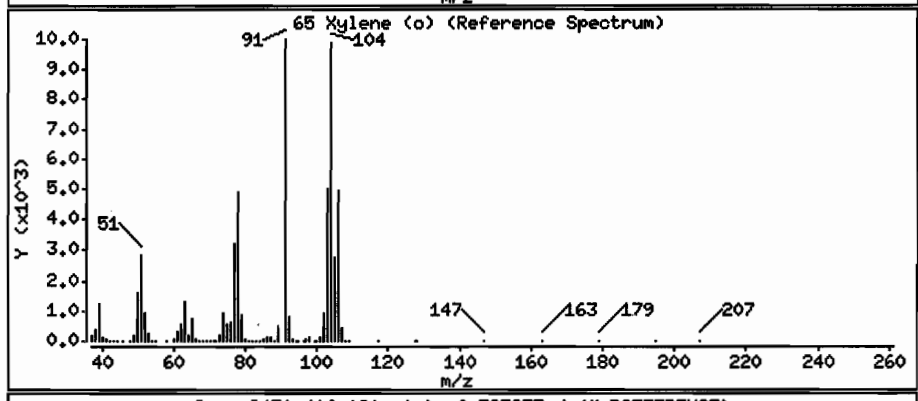
Column diameter: 0.32

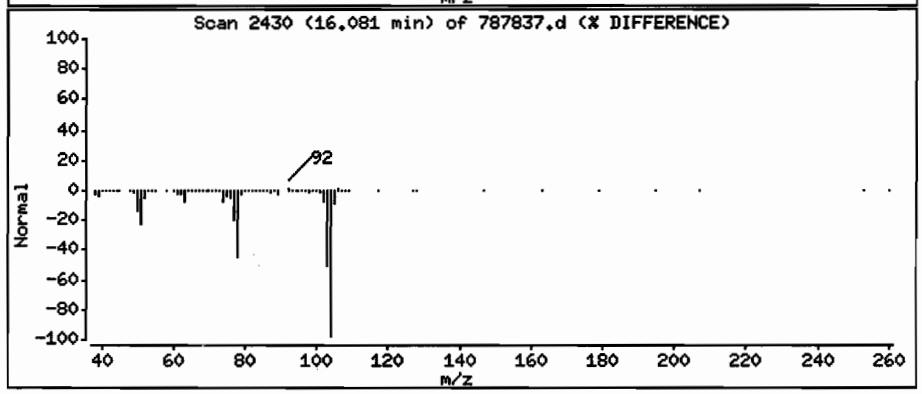
65 Xylene (o)

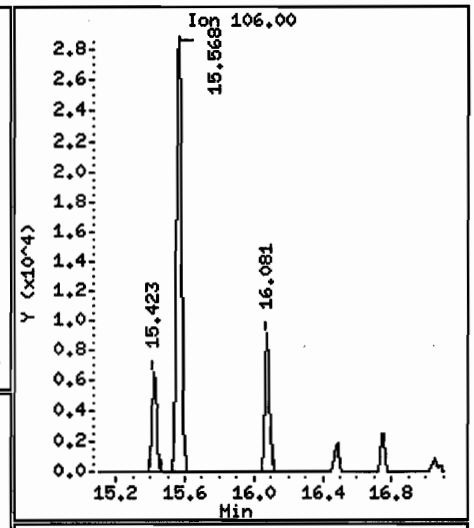
Concentration: 0.40 ppbv

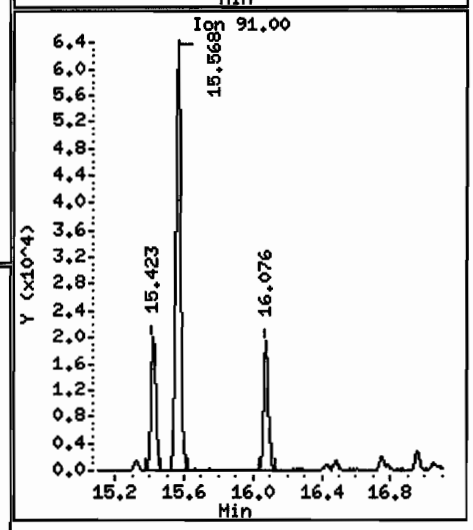












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787837.d

Date : 12-MAR-2009 12:29

Client ID: VP-31V4N

Instrument: G.i

Sample Info: 20090305VP-31V4N :[ ]03/05/09 @0950(AIR)

Purge Volume: 200.0

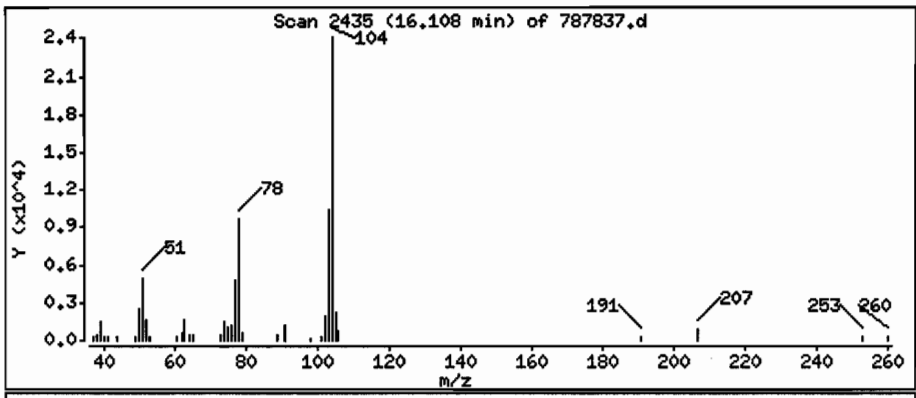
Operator: njr

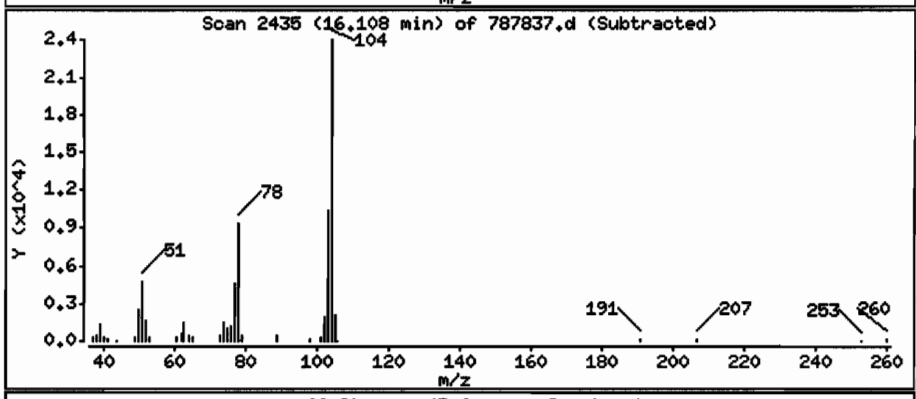
Column phase: RTX-624

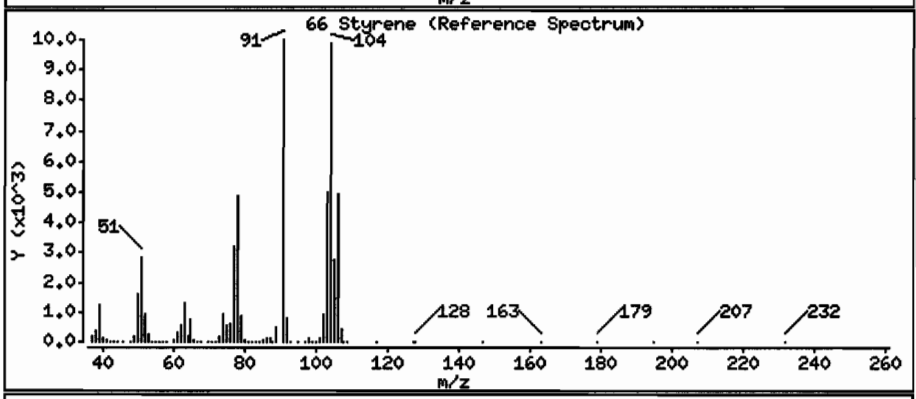
Column diameter: 0.32

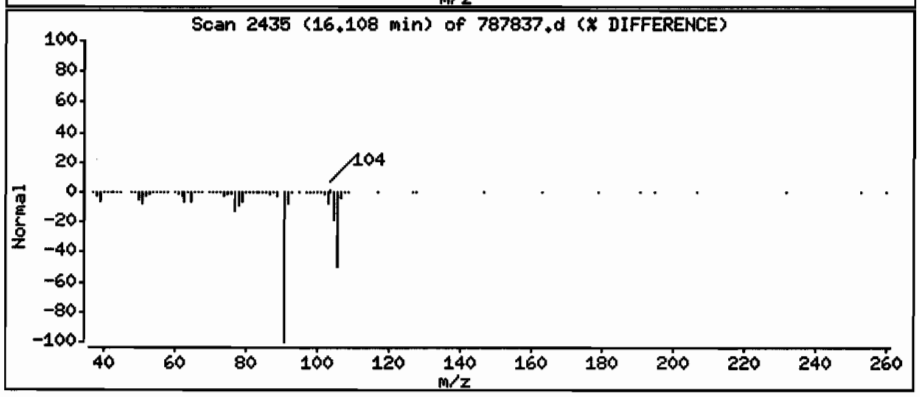
66 Styrene

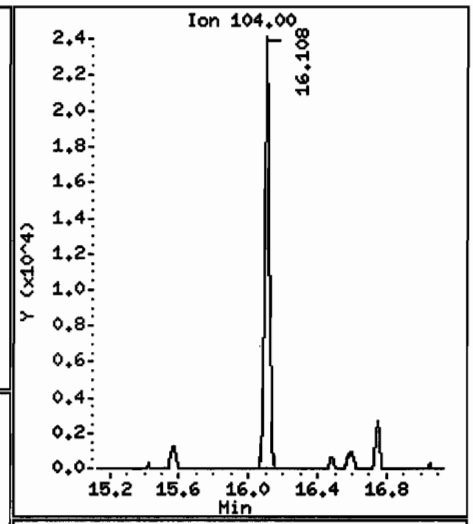
Concentration: 0.66 ppbv

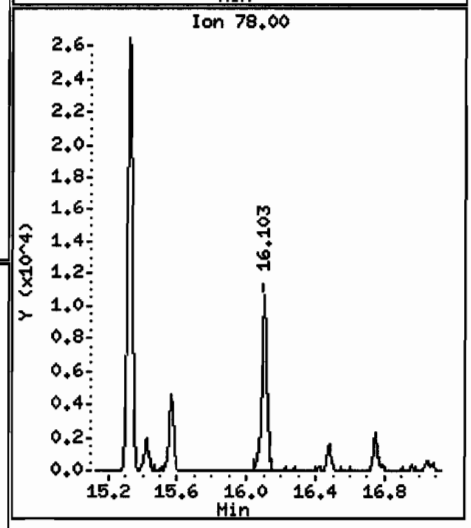












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-32V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787838

Sample wt/vol: 27.00 (g/mL) ML Lab File ID: 787838D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.7	
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	110	
75-09-2	Methylene Chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
67-66-3	Chloroform	2.0	U
71-55-6	1,1,1-Trichloroethane	2.0	U
56-23-5	Carbon Tetrachloride	2.0	U
71-43-2	Benzene	18	
107-06-2	1,2-Dichloroethane	2.0	U
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	17	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
108-90-7	Chlorobenzene	4.2	
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	11	
95-47-6	Xylene (o)	7.7	
100-42-5	Styrene	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-32V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787838

Sample wt/vol: 27.00 (g/mL) ML Lab File ID: 787838D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787838d.d

Page 3

Date : 12-MAR-2009 23:45

Client ID: VP-32V2N

Instrument: G.i

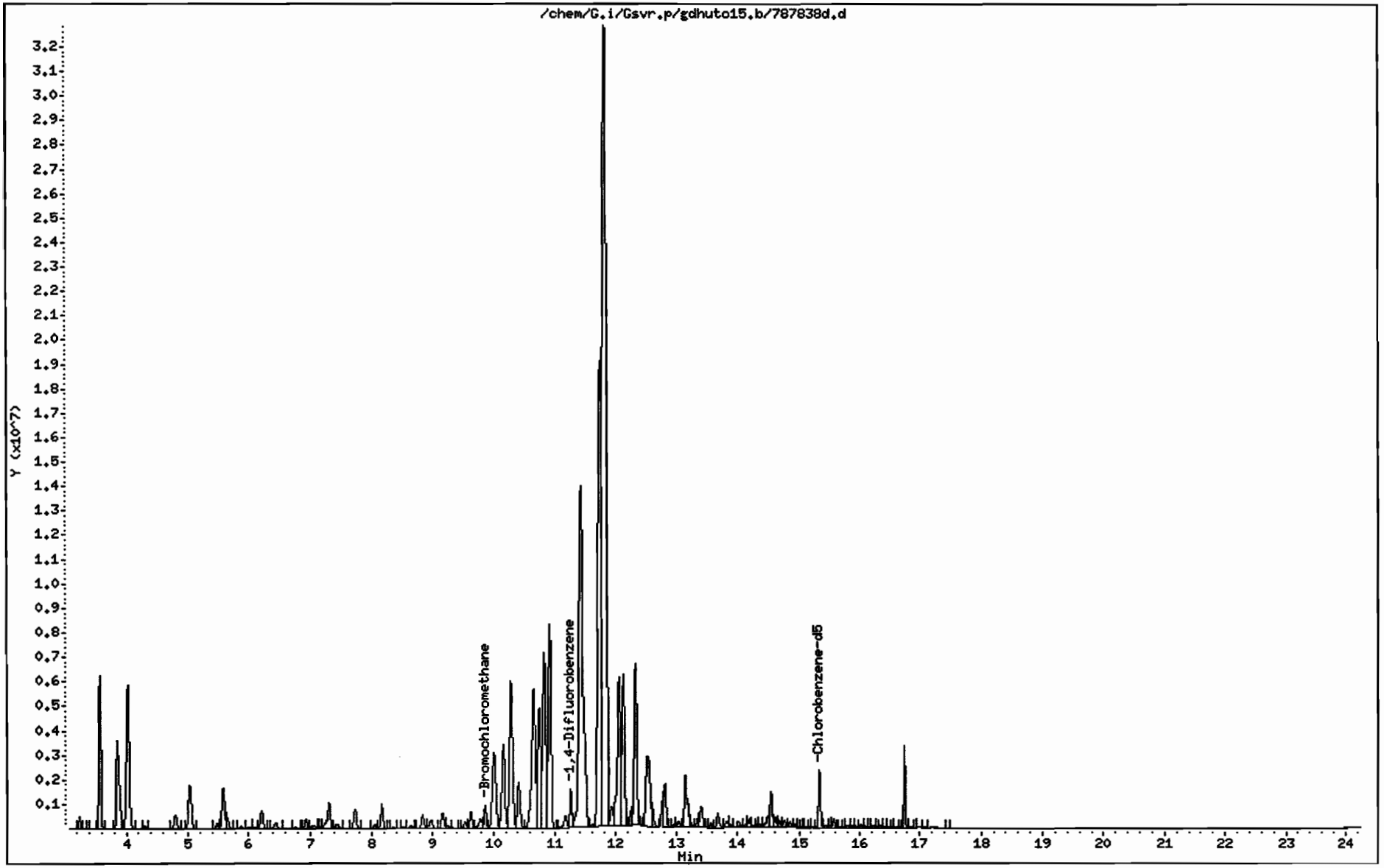
Sample Info: 20090305VP-32V2N :[103/05/09 @1015(AIR)

Purge Volume: 27.0

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/787838d.d
Lab Smp Id: 787838 Client Smp ID: VP-32V2N
Inj Date : 12-MAR-2009 23:45
Operator : njr Inst ID: G.i
Smp Info : 20090305VP-32V2N :[ ]03/05/09 @1015(AIR)
Misc Info : 787838;031209GA;10.0;27;cdf1.35
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 3
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	27.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.943	3.943	(0.399)	5682	0.27094	2.7
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	6.939	6.944	(0.703)	756552	10.5900	110
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	333935	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	10.710	10.732	(0.952)	144963	1.81940	18
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1592316	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.406	13.412	(0.874)	99909	1.69137	17
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.332	15.348	(1.000)	1629114	10.0000	
62 Chlorobenzene	112	15.370	15.386	(1.002)	36489	0.41532	4.2(Q)
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	15.573	15.594	(1.016)	57025	1.13764	11
65 Xylene (o)	106	16.081	16.103	(1.049)	37588	0.77005	7.7
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787838d.d

Date : 12-MAR-2009 23:45

Client ID: VP-32V2N

Instrument: G.i

Sample Info: 20090305VP-32V2N :[103/05/09 @1015(AIR)

Purge Volume: 27.0

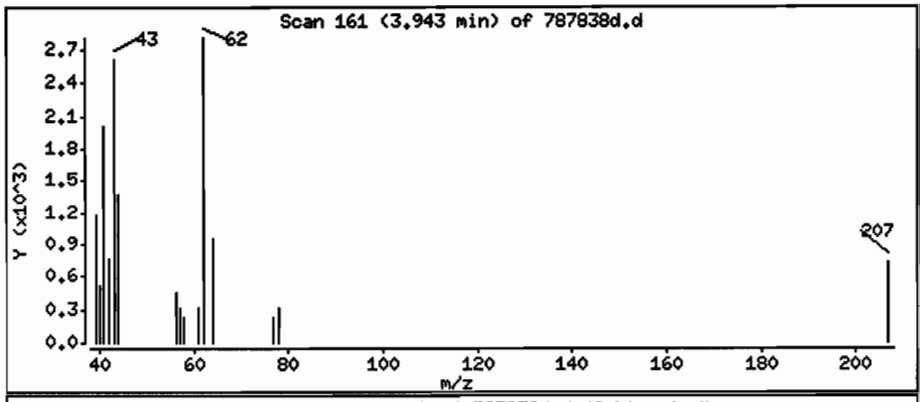
Operator: njr

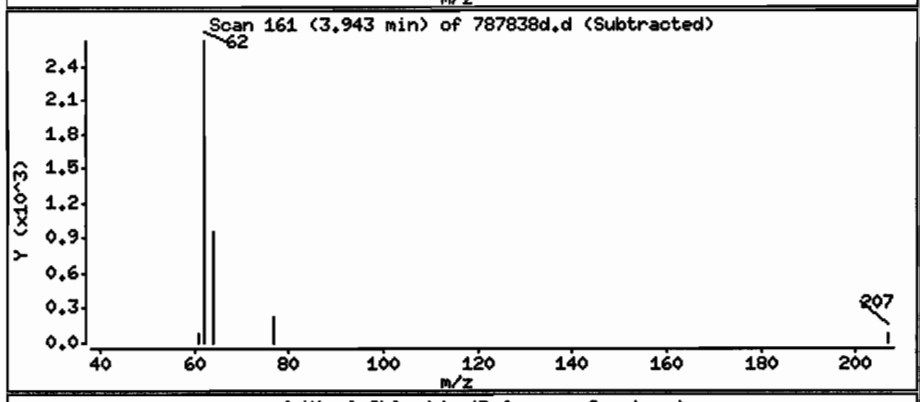
Column phase: RTX-624

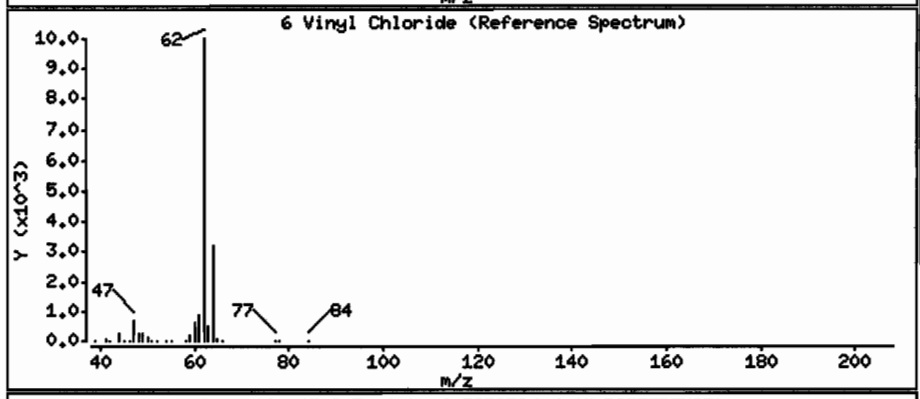
Column diameter: 0.32

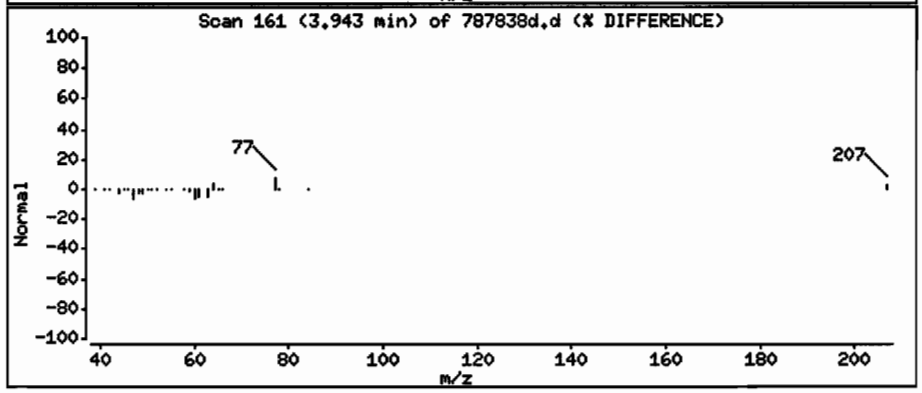
6 Vinyl Chloride

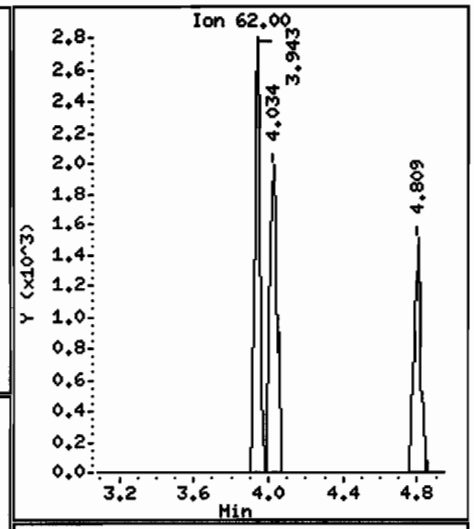
Concentration: 2.7 ppbv

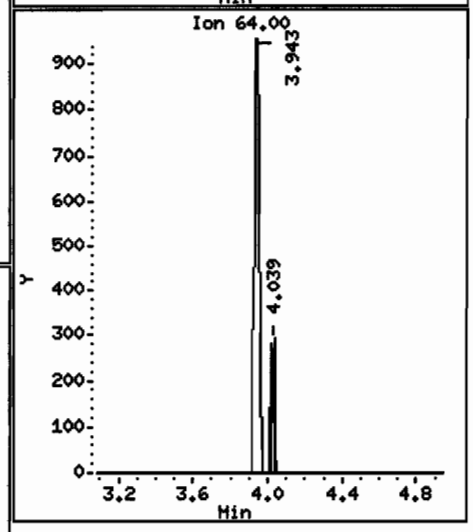












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787838d.d

Date : 12-MAR-2009 23:45

Client ID: VP-32V2N

Instrument: G.i

Sample Info: 20090305VP-32V2N :[ ]03/05/09 @1015(AIR)

Purge Volume: 27.0

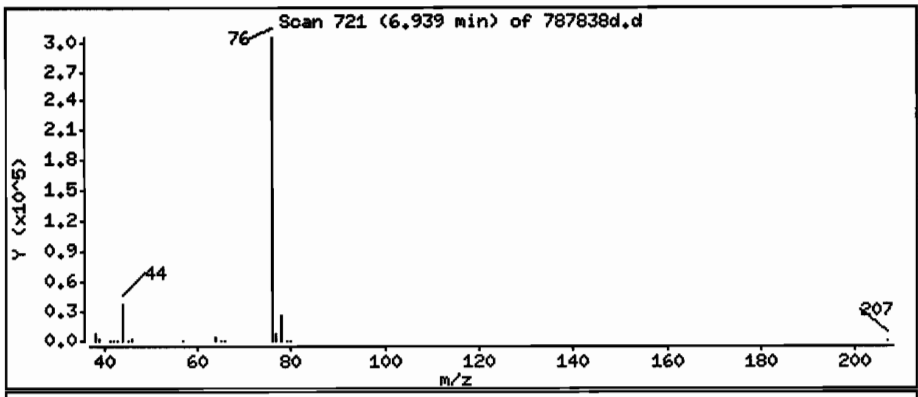
Operator: njr

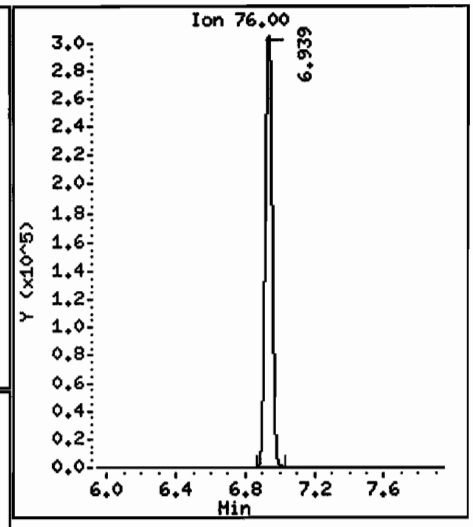
Column phase: RTX-624

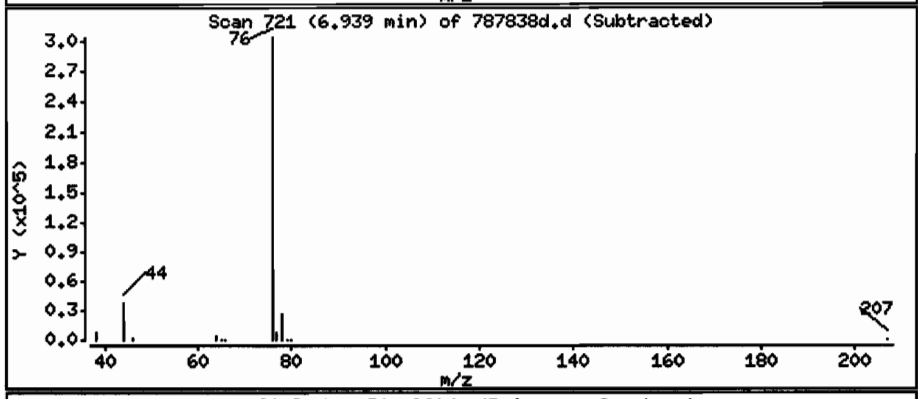
Column diameter: 0.32

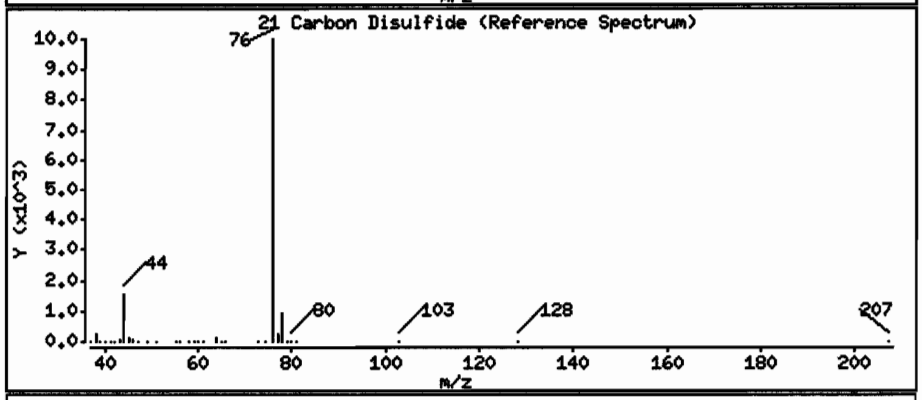
21 Carbon Disulfide

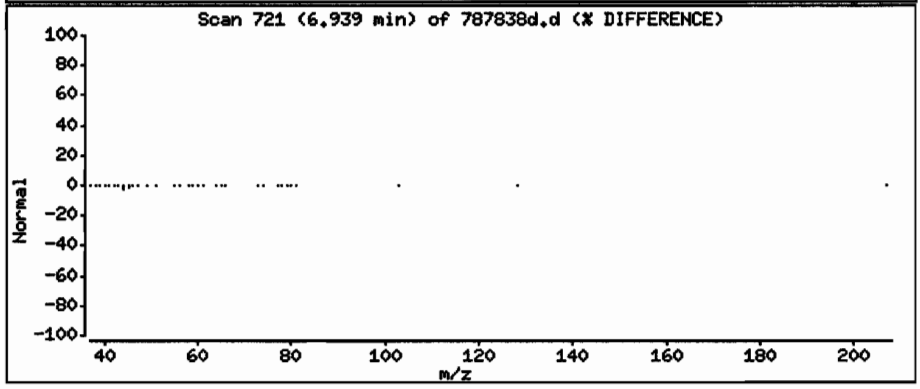
Concentration: 110 ppbv











Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787838d.d

Date : 12-MAR-2009 23:45

Client ID: VP-32V2N

Instrument: G.i

Sample Info: 20090305VP-32V2N :[ ]03/05/09 @1015(AIR)

Purge Volume: 27.0

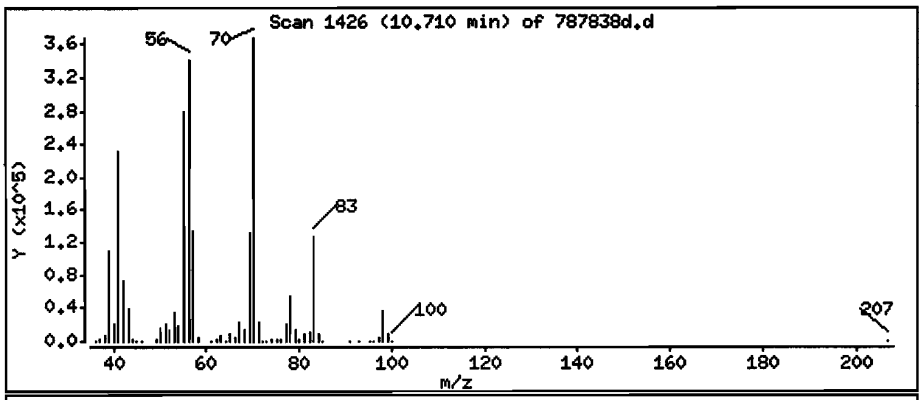
Operator: njr

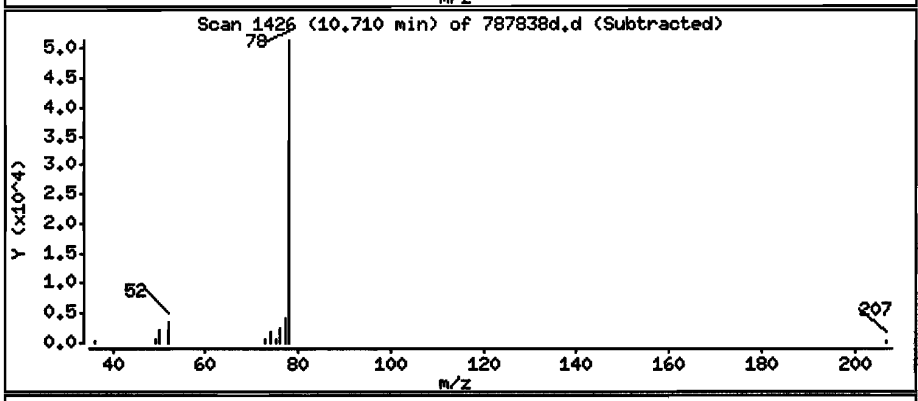
Column phase: RTX-624

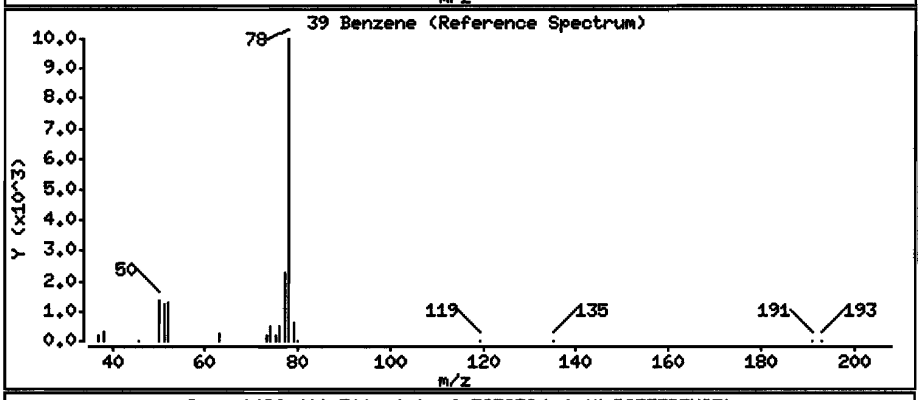
Column diameter: 0.32

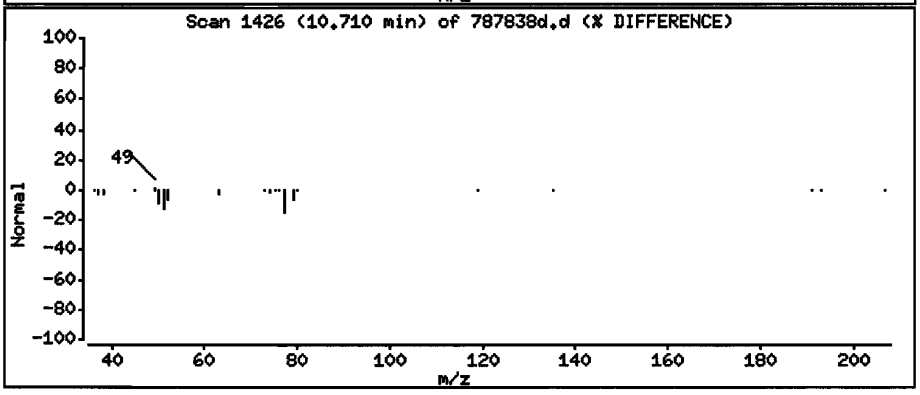
39 Benzene

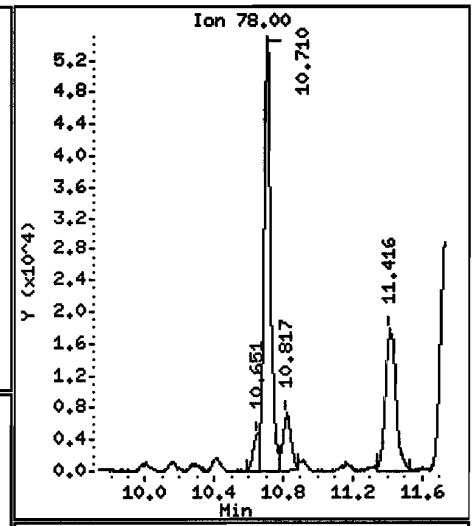
Concentration: 18 ppbv

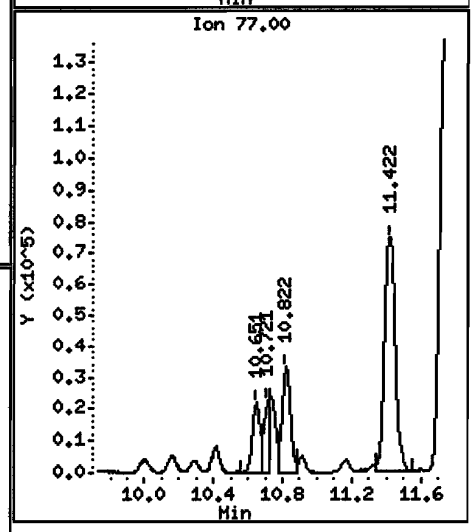












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787838d.d

Date : 12-MAR-2009 23:45

Client ID: VP-32V2N

Instrument: G.i

Sample Info: 20090305VP-32V2N :[ ]03/05/09 @1015(AIR)

Purge Volume: 27.0

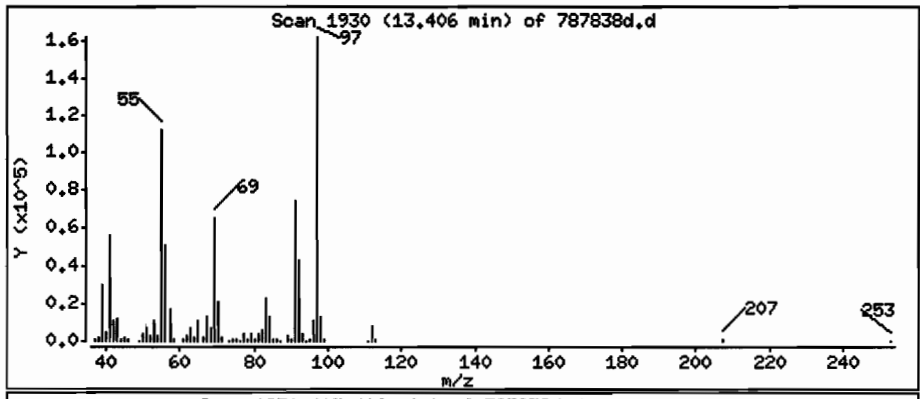
Operator: njr

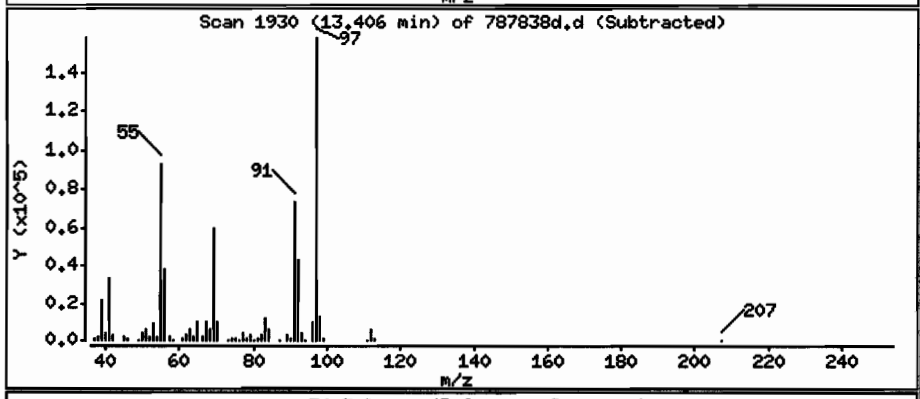
Column phase: RTX-624

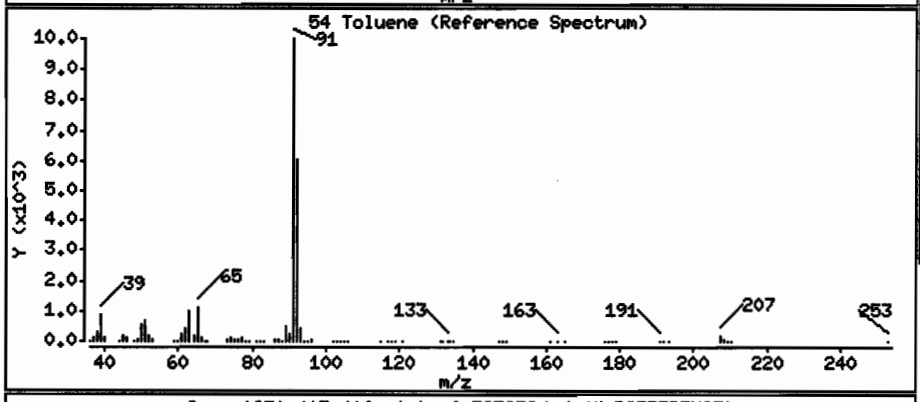
Column diameter: 0.32

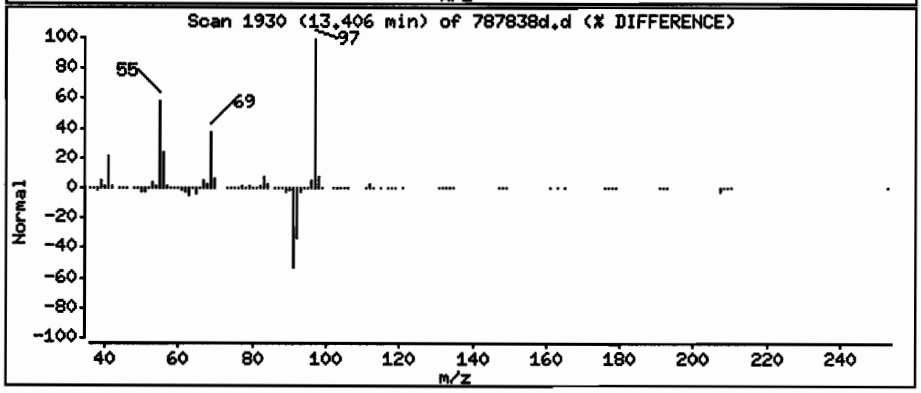
54 Toluene

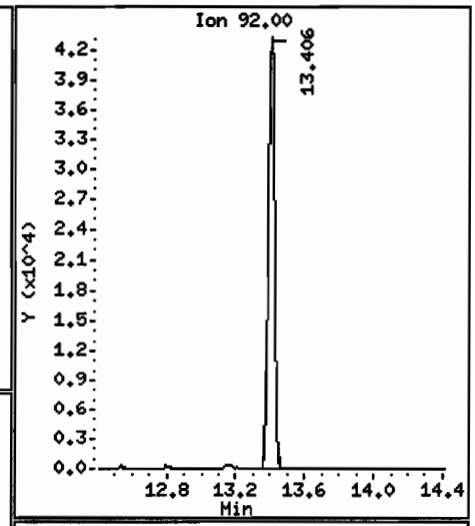
Concentration: 17 ppbv

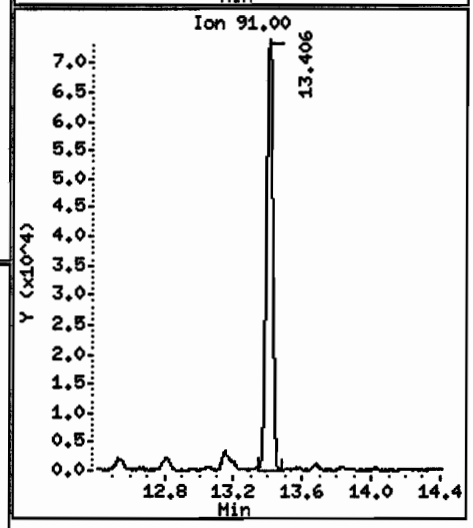












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787838d.d

Date : 12-MAR-2009 23:45

Client ID: VP-32V2N

Instrument: G.i

Sample Info: 20090305VP-32V2N :[ ]03/05/09 @1015(AIR)

Purge Volume: 27.0

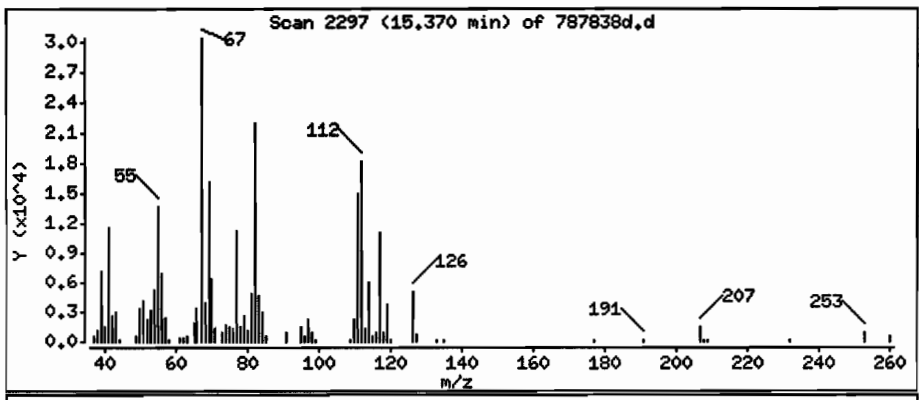
Operator: njr

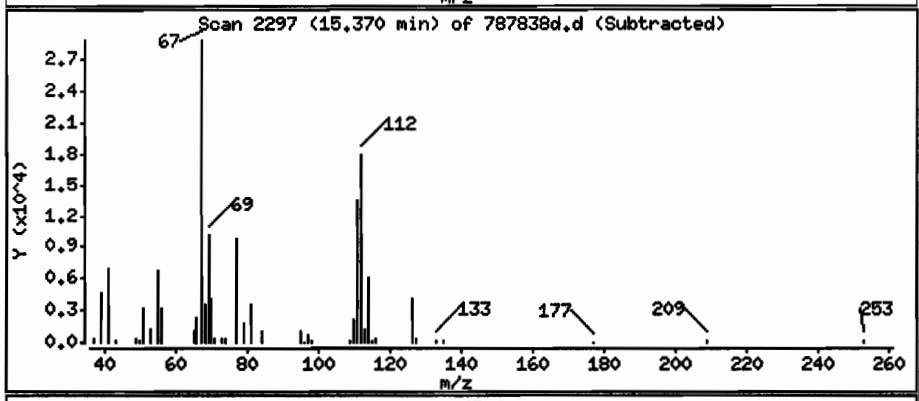
Column phase: RTX-624

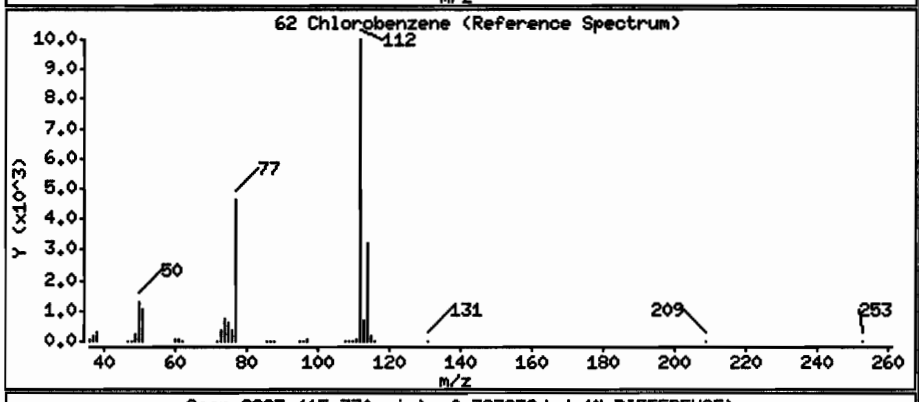
Column diameter: 0.32

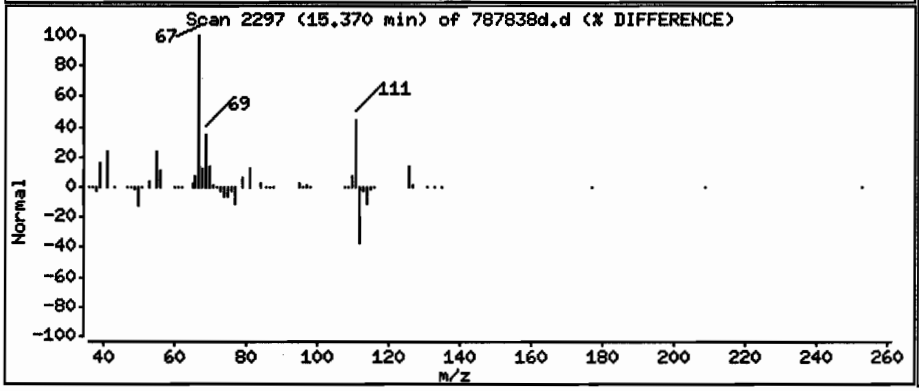
62 Chlorobenzene

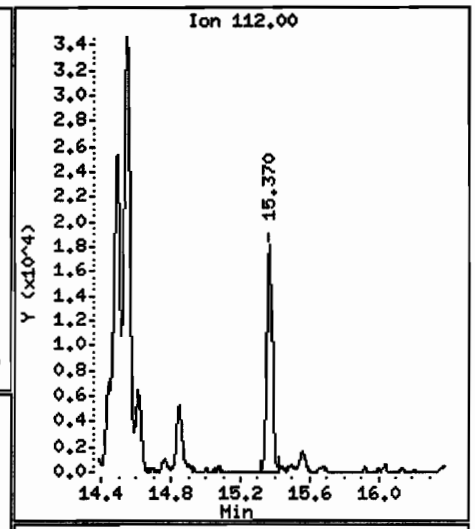
Concentration: 4.2 ppbv

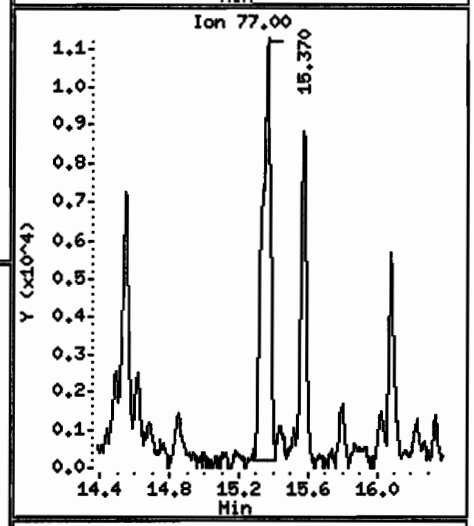


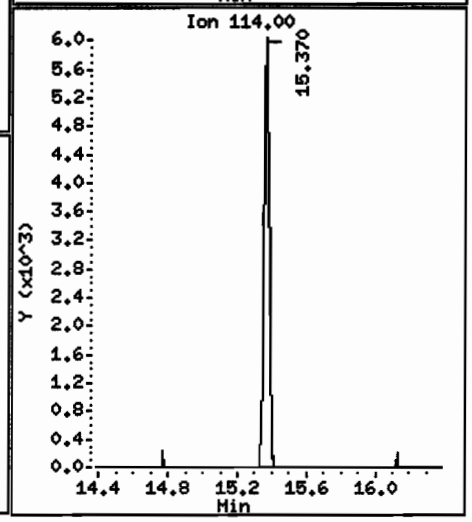












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787838d.d

Date : 12-MAR-2009 23:45

Client ID: VP-32V2N

Instrument: G.i

Sample Info: 20090305VP-32V2N :[ ]03/05/09 @1015(AIR)

Purge Volume: 27.0

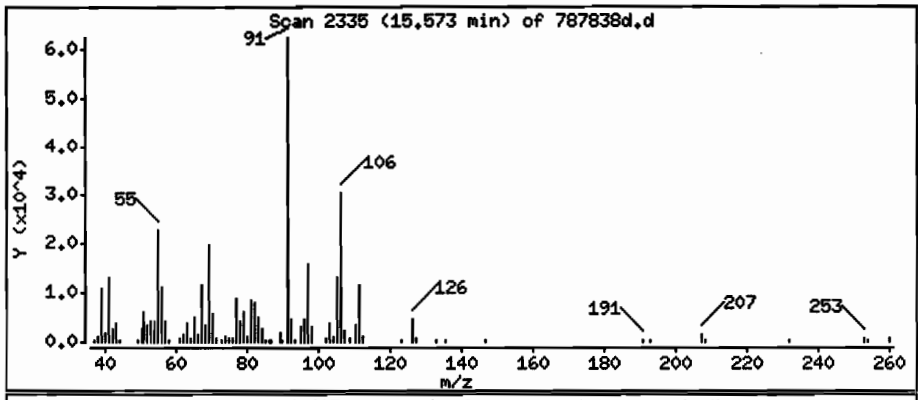
Operator: njr

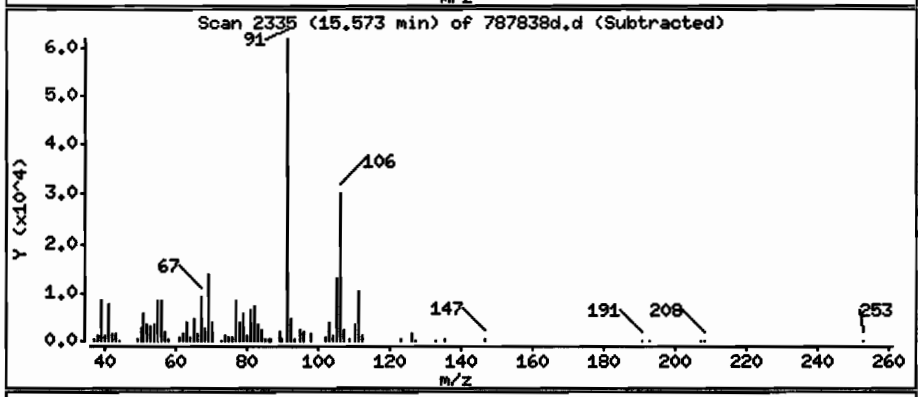
Column phase: RTX-624

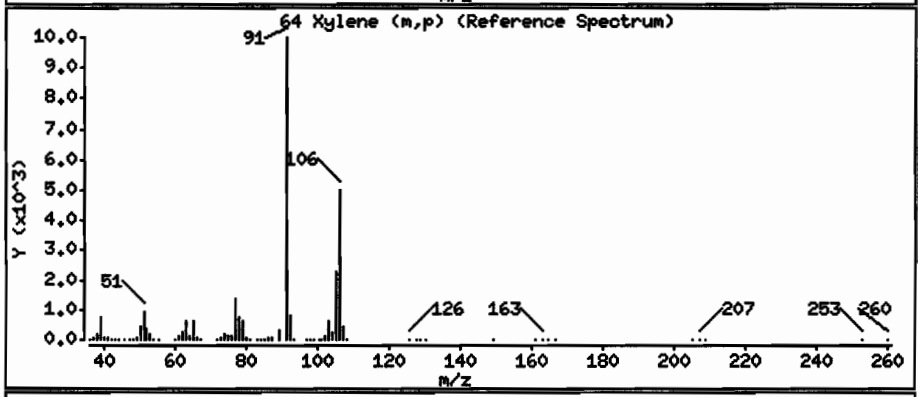
Column diameter: 0.32

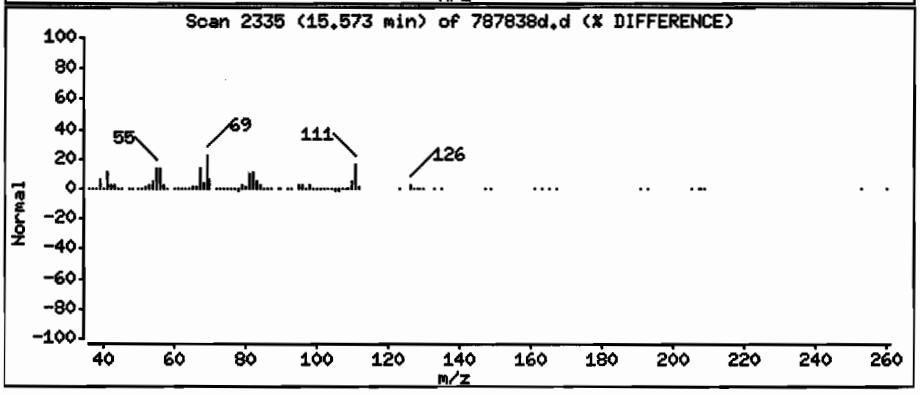
64 Xylene (m,p)

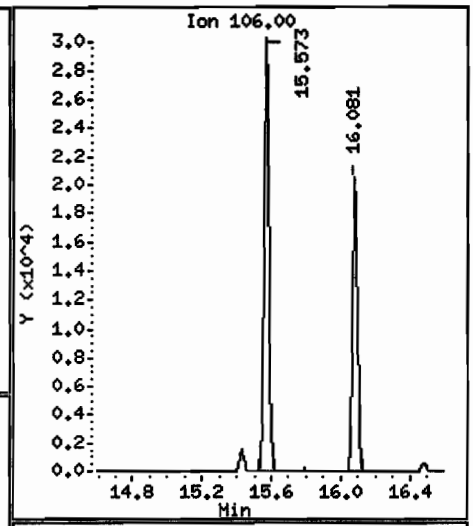
Concentration: 11 ppbv

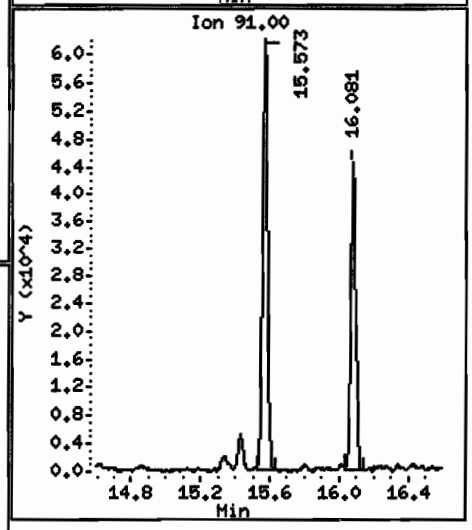












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787838d.d

Date : 12-MAR-2009 23:45

Client ID: VP-32V2N

Instrument: G.i

Sample Info: 20090305VP-32V2N :[ ]03/05/09 @1015(AIR)

Purge Volume: 27.0

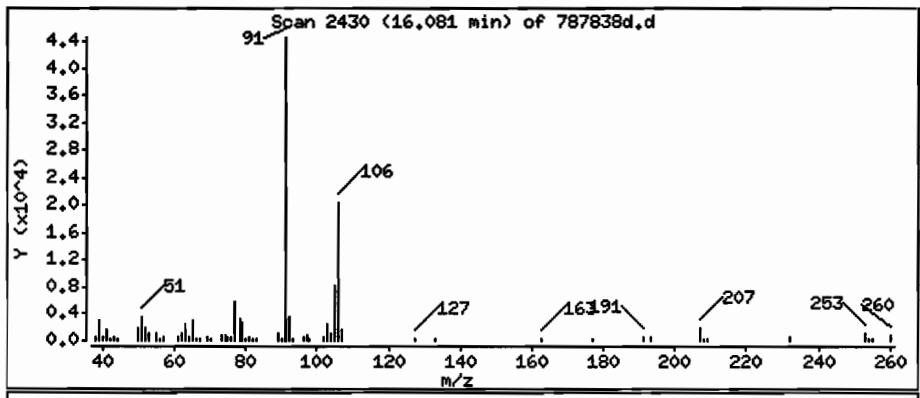
Operator: njr

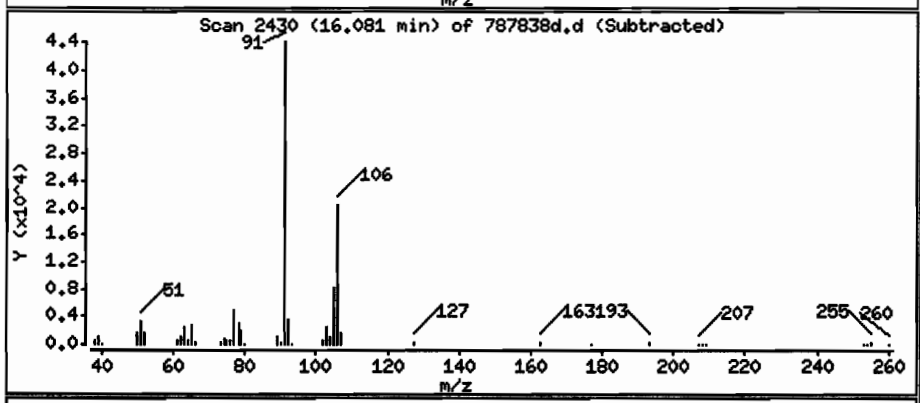
Column phase: RTX-624

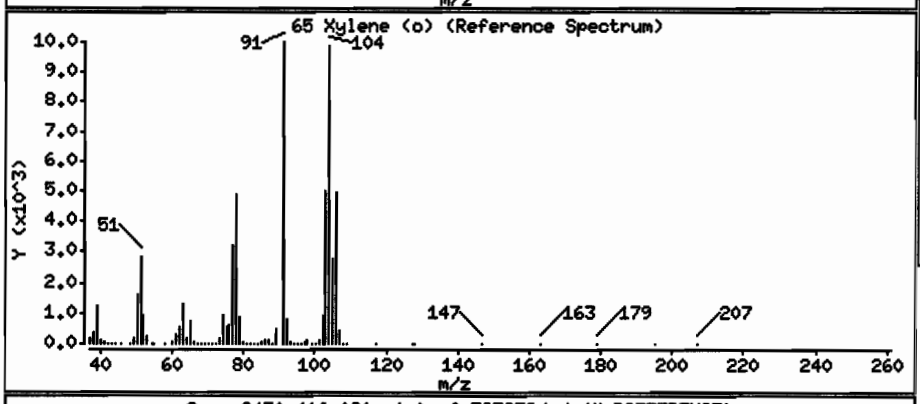
Column diameter: 0.32

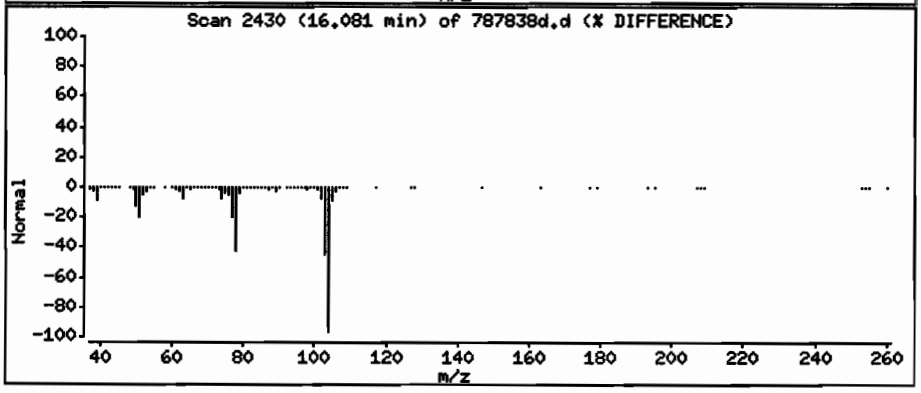
65 Xylene (o)

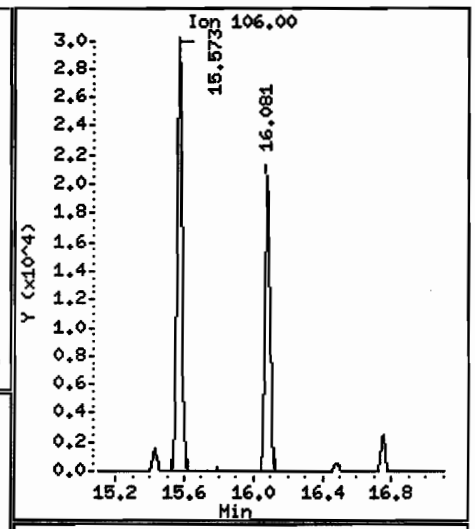
Concentration: 7.7 ppbv

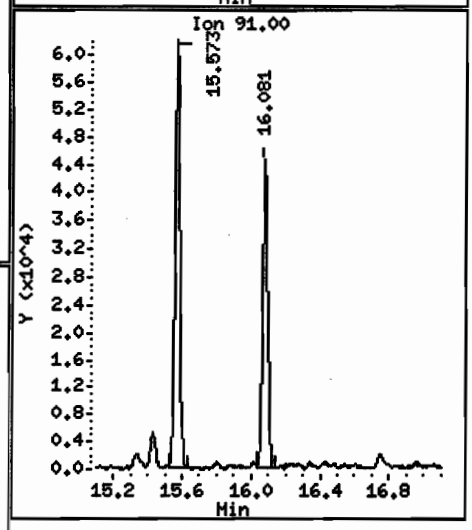












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-33V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787843

Sample wt/vol: 80.00 (g/mL) ML Lab File ID: 787843D2

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/14/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 585.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	120	U
74-83-9	Bromomethane	120	U
75-00-3	Chloroethane	290	U
75-35-4	1,1-Dichloroethene	120	U
67-64-1	Acetone	2900	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	290	U
156-60-5	trans-1,2-Dichloroethene	120	U
75-34-3	1,1-Dichloroethane	120	U
78-93-3	Methyl Ethyl Ketone	290	U
156-59-2	cis-1,2-Dichloroethene	120	U
67-66-3	Chloroform	120	U
71-55-6	1,1,1-Trichloroethane	120	U
56-23-5	Carbon Tetrachloride	120	U
71-43-2	Benzene	220	
107-06-2	1,2-Dichloroethane	120	U
79-01-6	Trichloroethene	120	U
78-87-5	1,2-Dichloropropane	120	U
75-27-4	Bromodichloromethane	120	U
10061-01-5	cis-1,3-Dichloropropene	120	U
108-10-1	Methyl Isobutyl Ketone	290	U
108-88-3	Toluene	140	
10061-02-6	trans-1,3-Dichloropropene	120	U
79-00-5	1,1,2-Trichloroethane	120	U
127-18-4	Tetrachloroethene	120	U
591-78-6	Methyl Butyl Ketone	290	U
124-48-1	Dibromochloromethane	120	U
108-90-7	Chlorobenzene	120	U
100-41-4	Ethylbenzene	130	
1330-20-7	Xylene (m,p)	290	U
95-47-6	Xylene (o)	120	U
100-42-5	Styrene	120	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-33V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787843

Sample wt/vol: 80.00 (g/mL) ML Lab File ID: 787843D2

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/14/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 585.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	120	U
79-34-5	1,1,2,2-Tetrachloroethane	120	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhwto15.b/787843d2.d

Page 3

Date : 14-MAR-2009 11:58

Client ID: VP-33V3N

Instrument: G.i

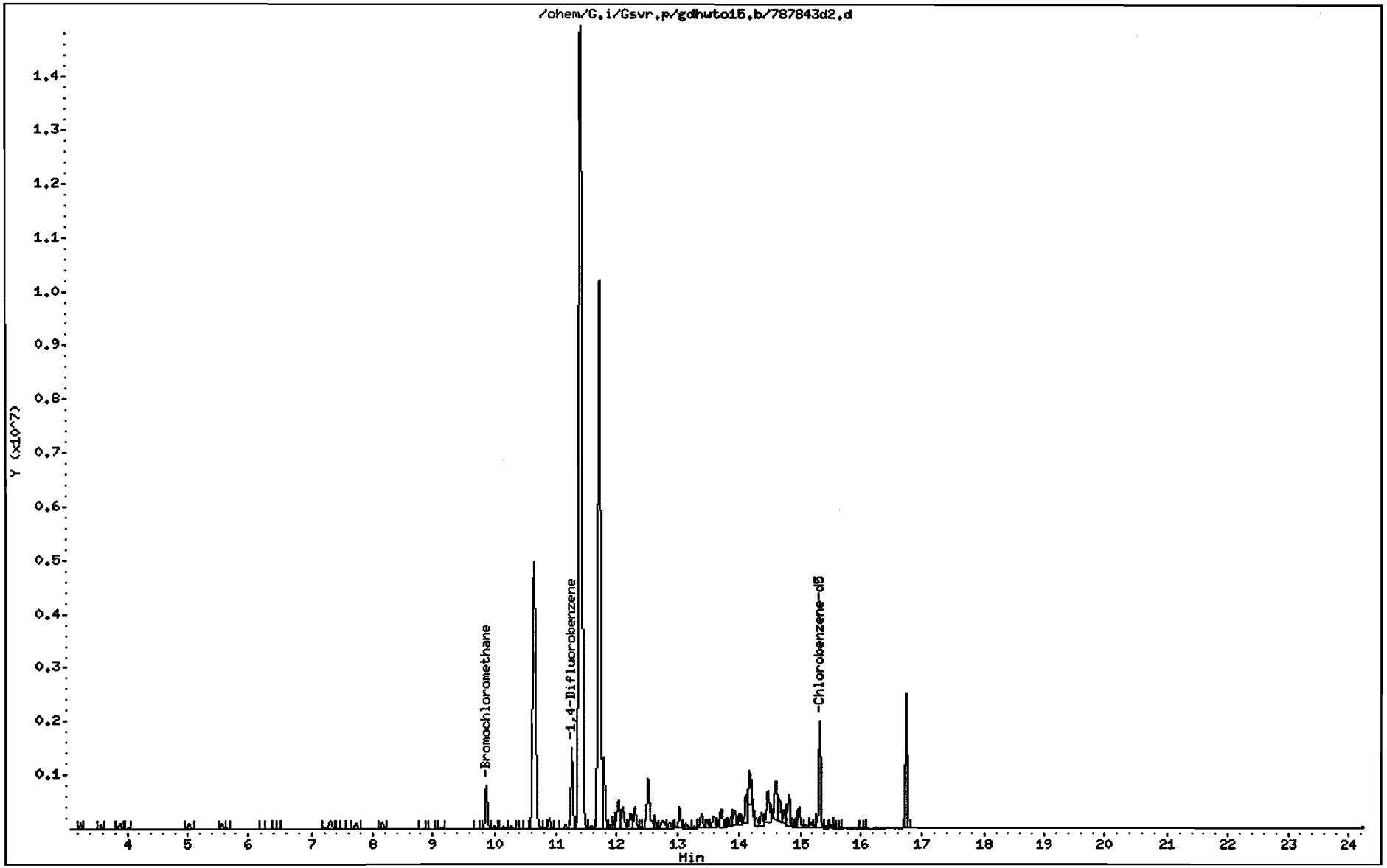
Sample Info: 20090306VP-33V3N :[103/06/09 @1020(AIR)

Purge Volume: 80.0

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhwto15.b/787843d2.d
Lab Smp Id: 787843 Client Smp ID: VP-33V3N
Inj Date : 14-MAR-2009 11:58
Operator : njr Inst ID: G.i
Smp Info : 20090306VP-33V3N :[ ]03/06/09 @1020(AIR)
Misc Info : 787843;031409GA;585;80;cdf 234
Comment :
Method : /chem/G.i/Gsvr.p/gdhwto15.b/sto15.m
Meth Date : 26-Mar-2009 13:05 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 15
Dil Factor: 585.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	585.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	80.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	302963	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	10.699	10.732	(0.951)	30398	0.37730	220(M)
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1610104	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.390	13.412	(0.874)	12552	0.24506	140
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.321	15.348	(1.000)	1412640	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	15.423	15.450	(1.007)	25710	0.22680	130
64 Xylene (m,p)	106	Compound Not Detected.					
65 Xylene (o)	106	Compound Not Detected.					
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Data File: /chem/G.i/Gsvr.p/gdhwto15.b/787843d2.d

Date : 14-MAR-2009 11:58

Client ID: VP-33V3N

Instrument: G.i

Sample Info: 20090306VP-33V3N :[ ]03/06/09 @1020(AIR)

Purge Volume: 80.0

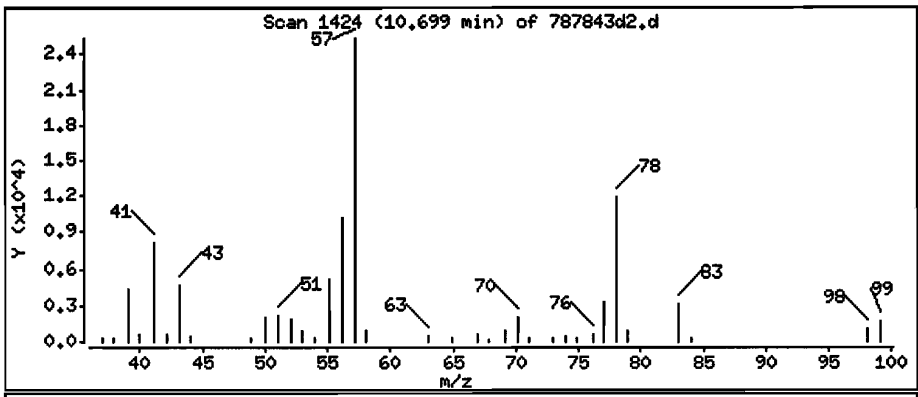
Operator: njr

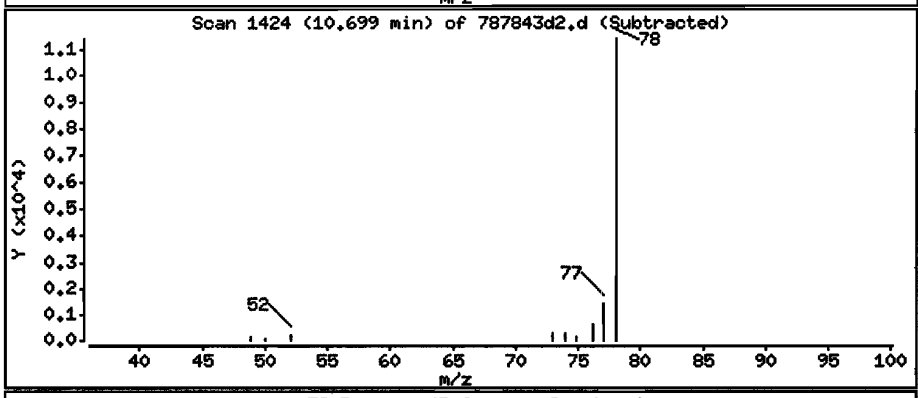
Column phase: RTX-624

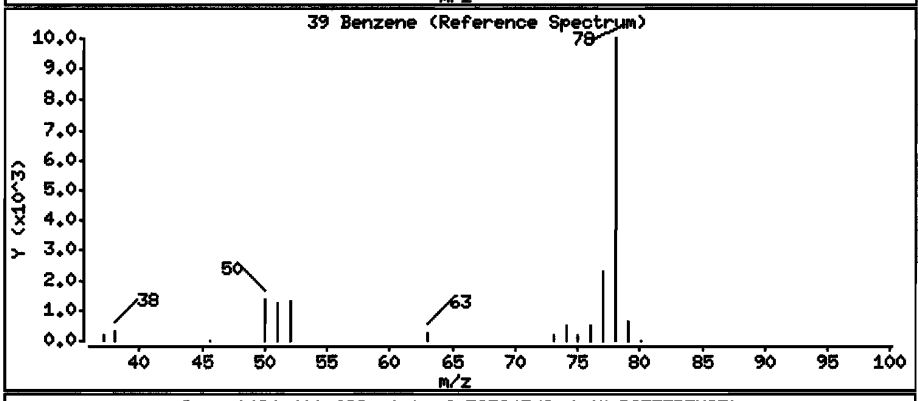
Column diameter: 0.32

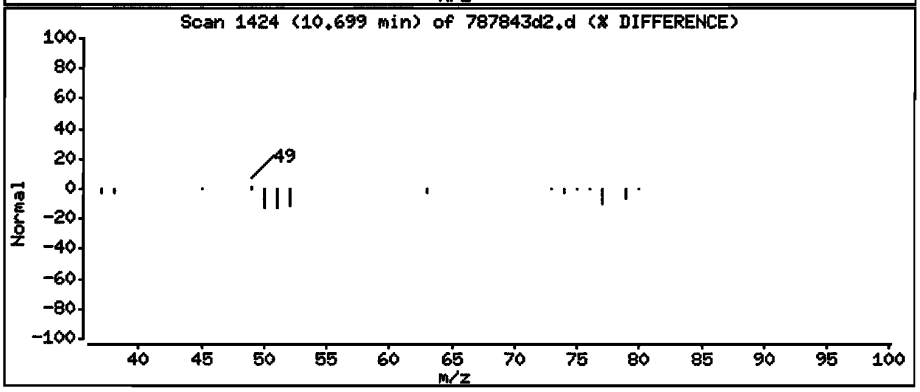
39 Benzene

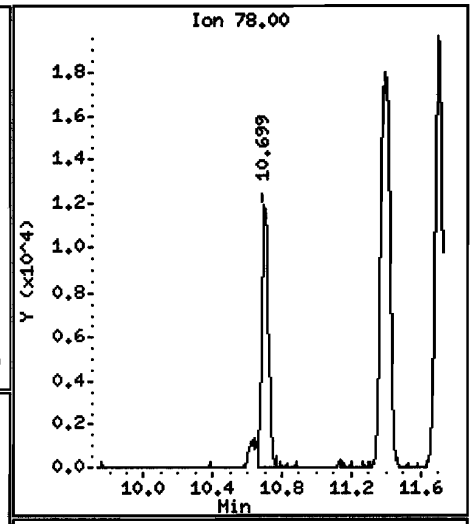
Concentration: 220 ppbv

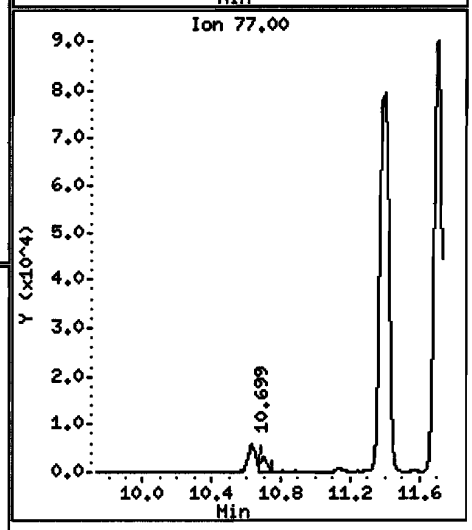












Data File: /chem/G.i/Gsvr.p/gdhwto15.b/787843d2.d

Date : 14-MAR-2009 11:58

Client ID: VP-33V3N

Instrument: G.i

Sample Info: 20090306VP-33V3N :[ ]03/06/09 @1020(AIR)

Purge Volume: 80.0

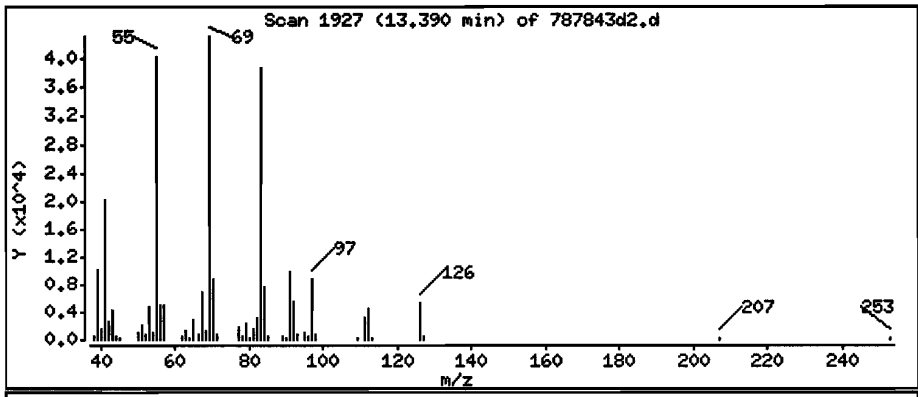
Operator: njr

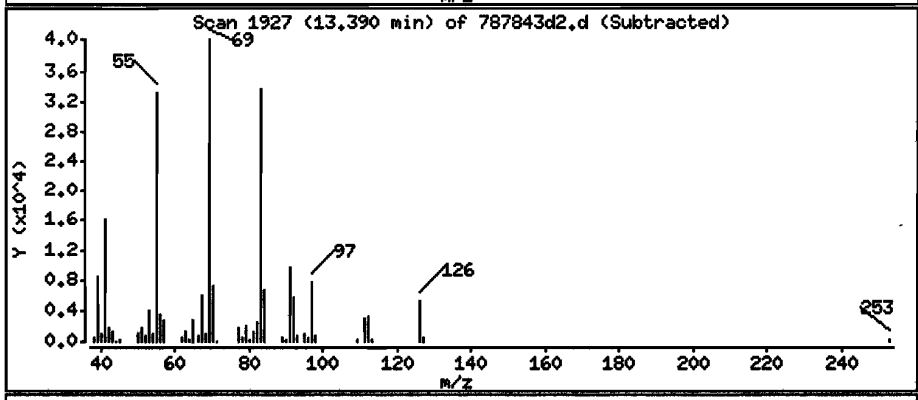
Column phase: RTX-624

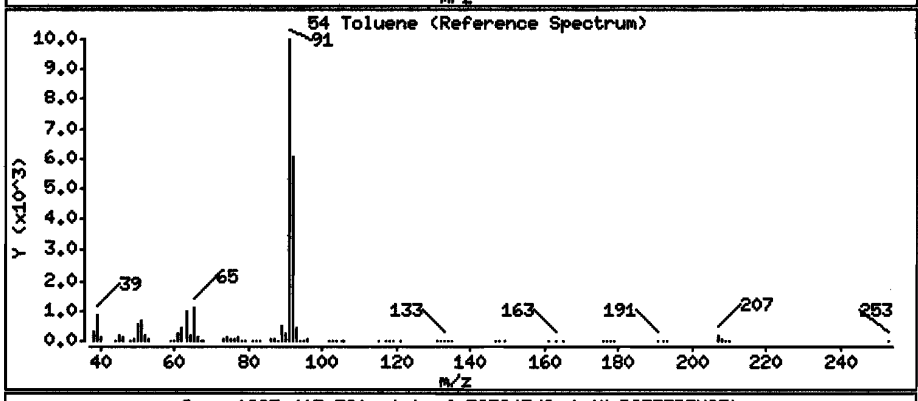
Column diameter: 0.32

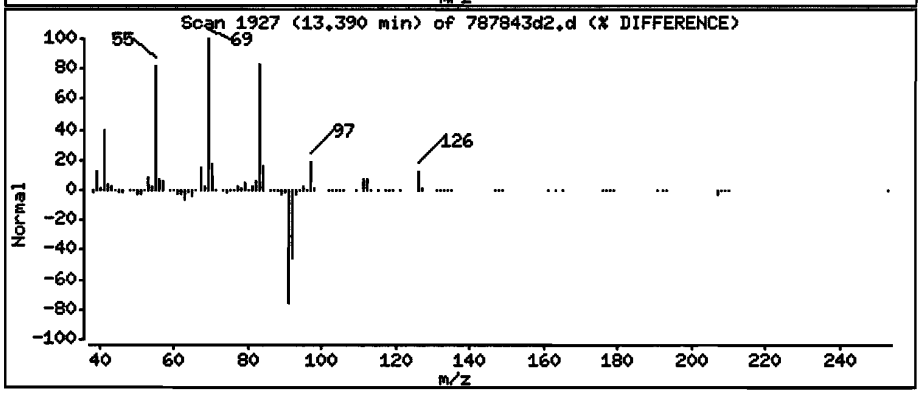
54 Toluene

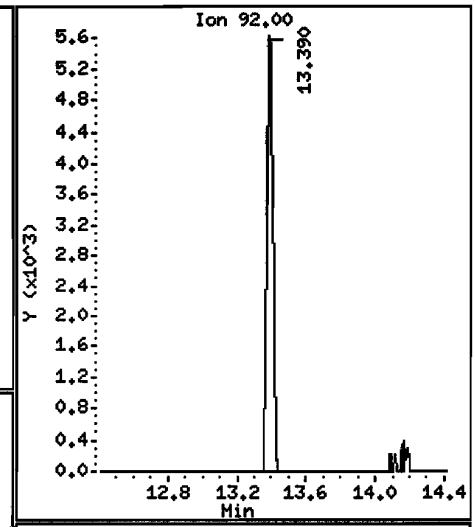
Concentration: 140 ppbv

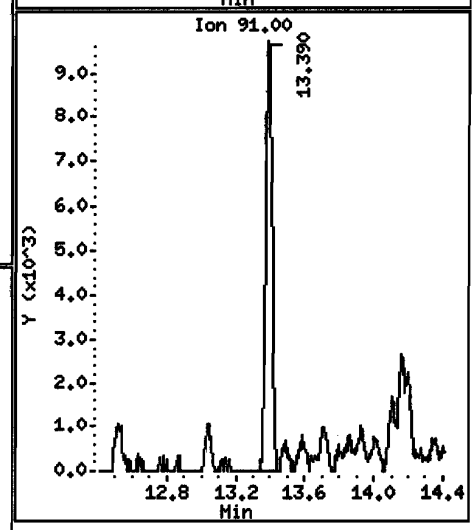












Data File: /chem/G.i/Gsvr.p/gdhwto15.b/787843d2.d

Date : 14-MAR-2009 11:58

Client ID: VP-33V3N

Instrument: G.i

Sample Info: 20090306VP-33V3N :[ ]03/06/09 @1020(AIR)

Purge Volume: 80.0

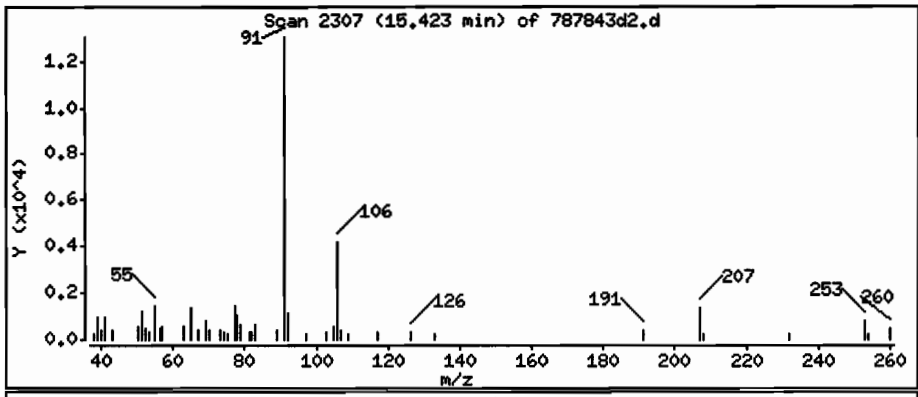
Operator: njr

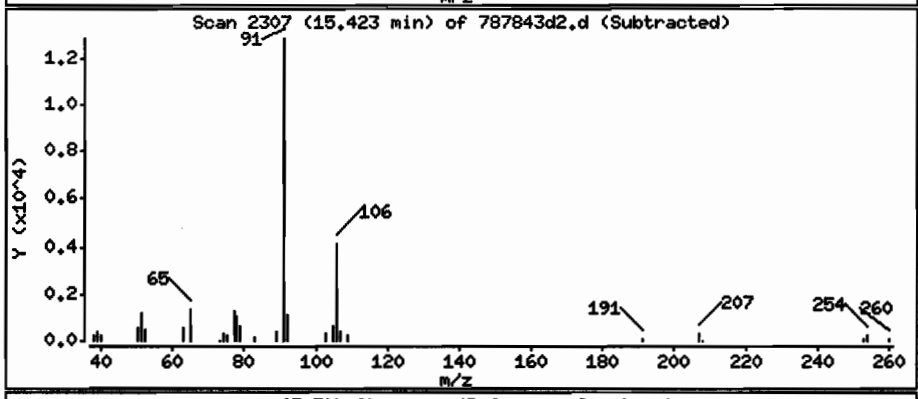
Column phase: RTX-624

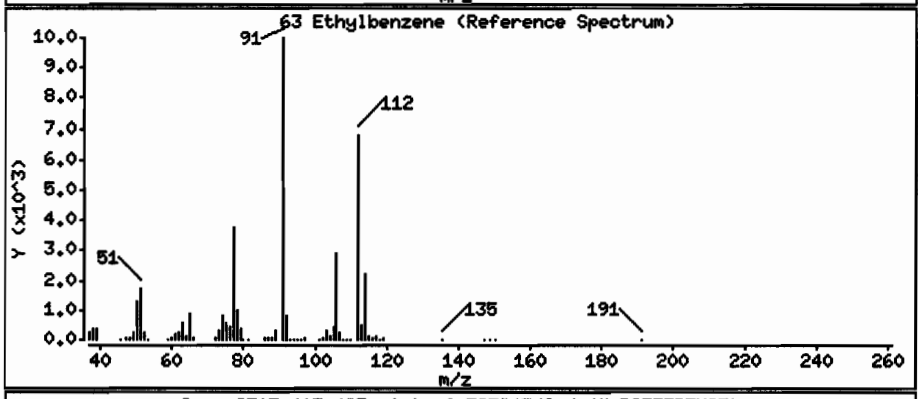
Column diameter: 0.32

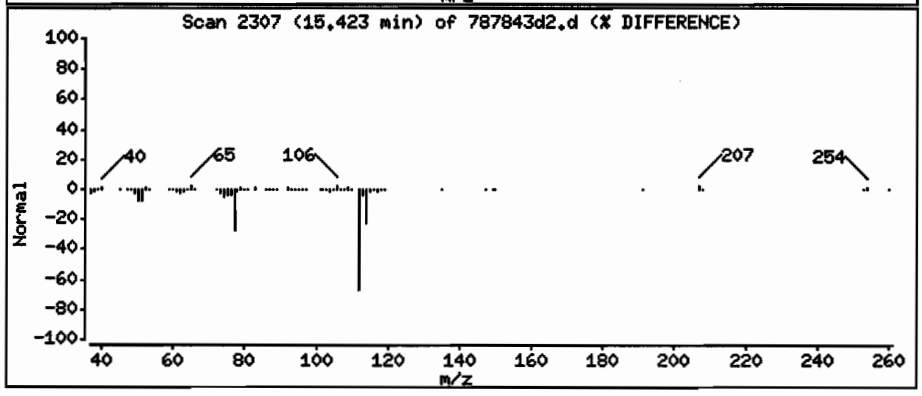
63 Ethylbenzene

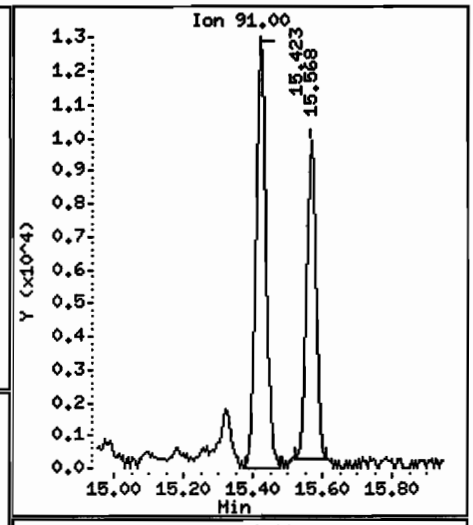
Concentration: 130 ppbv

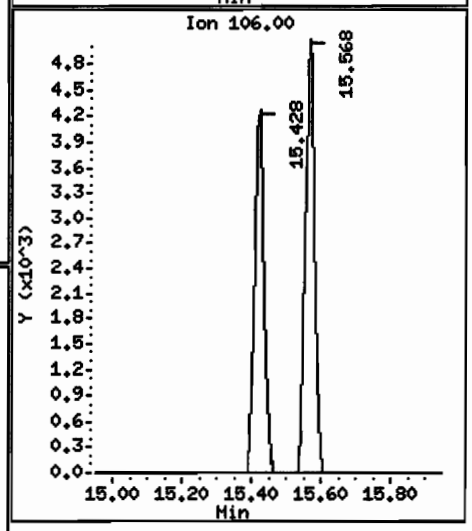










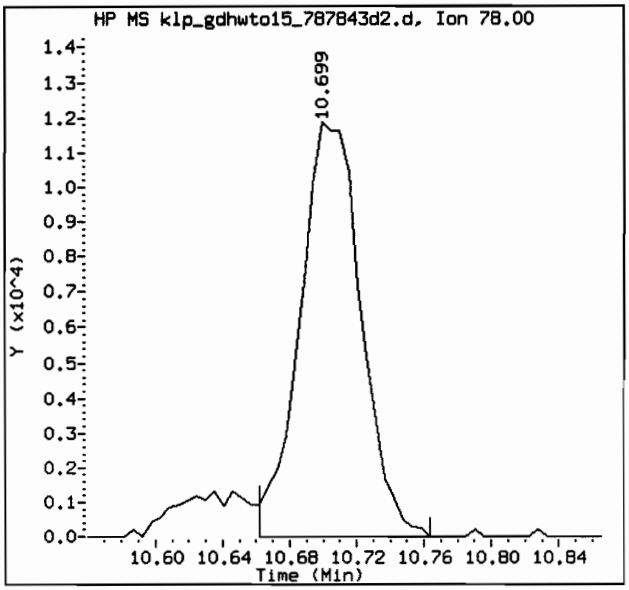


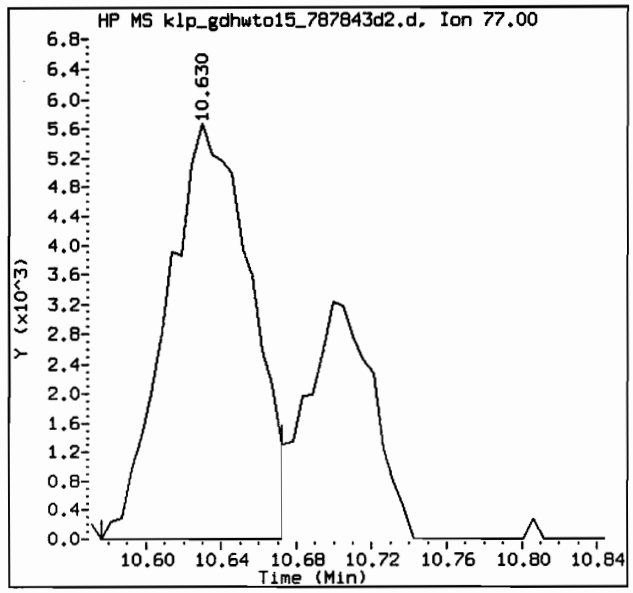
MANUAL INTEGRATION REPORT

Data File Name: 787843d2.d
Client Sample ID: VP-33V3N
Compound Name: Benzene

Inj. Date and Time: 14-MAR-2009 11:58
Instrument ID: G.i
CAS #: 71-43-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 03/26/2009 13:06

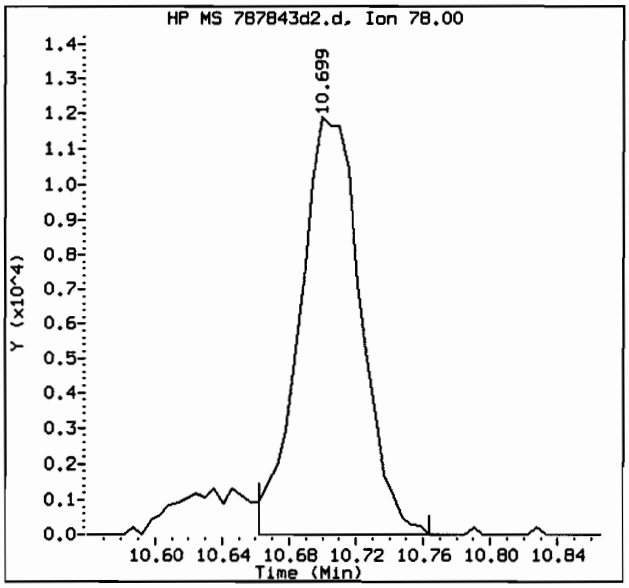


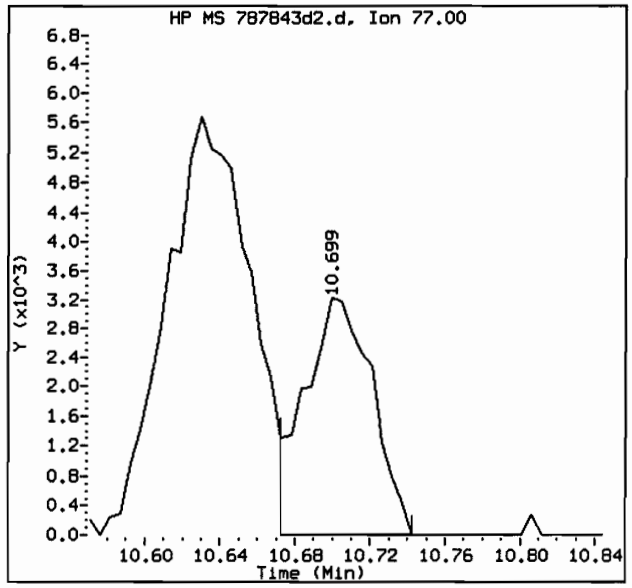


Original Integrations:

Area = 30398

Area = 17727





Final Integrations:

Area = 30398

Area = 8196

Manual Integration Reason: MI3 - Mis-identification of peak

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-34V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787839

Sample wt/vol: 100.0 (g/mL) ML Lab File ID: 787839D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/24/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.5

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	1.3	U
75-01-4	Vinyl Chloride	2.1	
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	1.3	U
75-35-4	1,1-Dichloroethene	0.50	U
67-64-1	Acetone	57	
75-15-0	Carbon Disulfide	6.0	
75-09-2	Methylene Chloride	1.3	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	1.5	
78-93-3	Methyl Ethyl Ketone	1.4	
156-59-2	cis-1,2-Dichloroethene	2.4	
67-66-3	Chloroform	1.2	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.57	
107-06-2	1,2-Dichloroethane	3.6	
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	Methyl Isobutyl Ketone	1.3	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	Methyl Butyl Ketone	1.3	U
124-48-1	Dibromochloromethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (m,p)	1.3	U
95-47-6	Xylene (o)	0.50	U
100-42-5	Styrene	0.50	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-34V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787839

Sample wt/vol: 100.0 (g/mL) ML Lab File ID: 787839D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/24/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.5

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d

Date : 24-MAR-2009 05:31

Client ID: VP-34V2N

Sample Info: 20090305VP-34V2N :[J03/05/09 @1005(AIR)

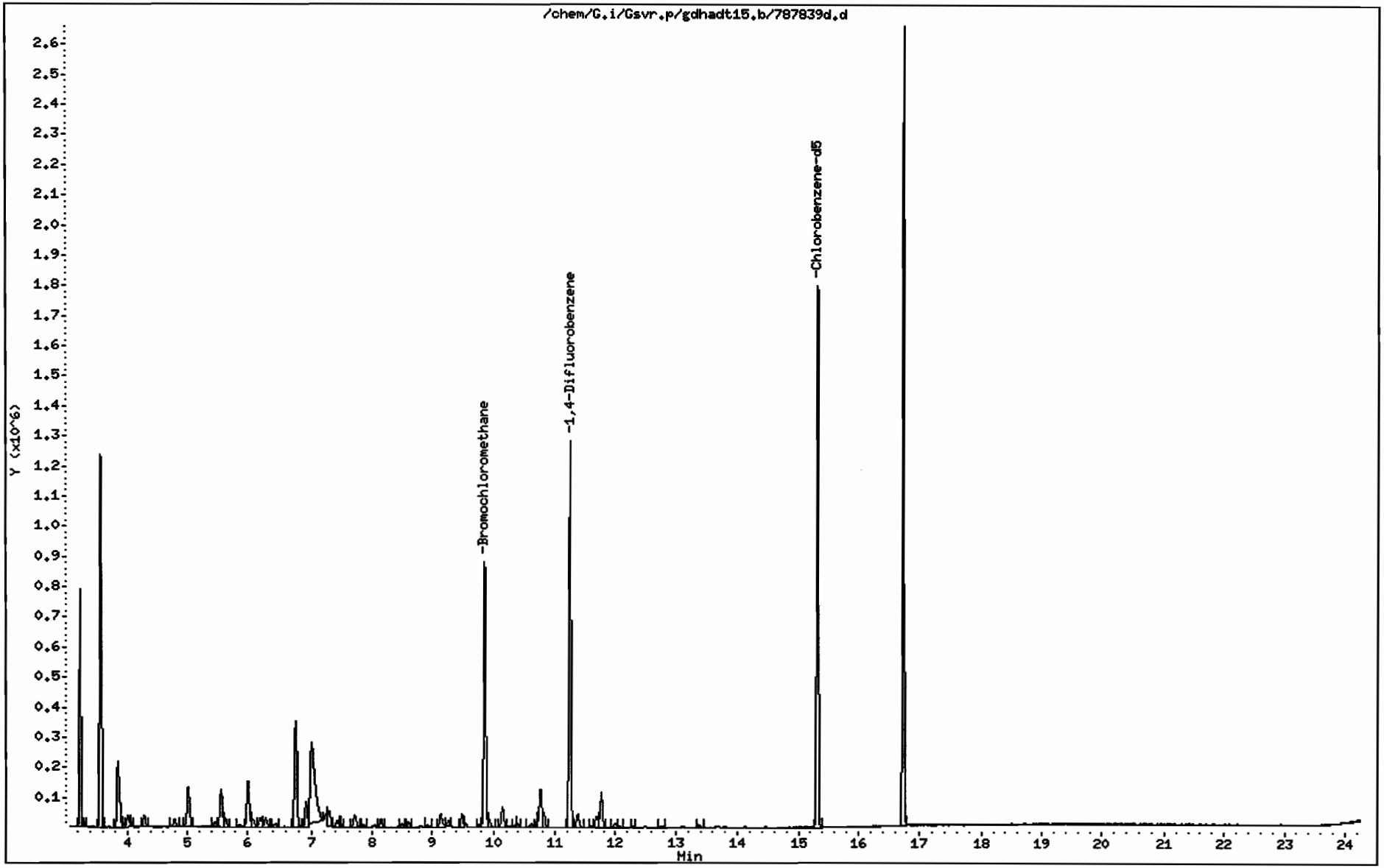
Purge Volume: 100.0

Column phase: RTX-624

Instrument: G.i

Operator: wrd

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d
Lab Smp Id: 787839 Client Smp ID: VP-34V2N
Inj Date : 24-MAR-2009 05:31
Operator : wrd Inst ID: G.i
Smp Info : 20090305VP-34V2N :[ ]03/05/09 @1005(AIR)
Misc Info : 787839;032309GA;2.5;100;cdf 1.25
Comment :
Method : /chem/G.i/Gsvr.p/gdhadt15.b/sto15.m
Meth Date : 26-Mar-2009 13:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 8
Dil Factor: 2.50000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	2.50000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.937	3.943	(0.399)	16500	0.83310	2.1
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	6.757	6.789	(0.685)	604608	22.6232	57
21 Carbon Disulfide	76	6.922	6.944	(0.702)	160821	2.38367	6.0
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	8.602	8.640	(0.872)	25133	0.58172	1.5
30 Methyl Ethyl Ketone	72	9.544	9.571	(0.968)	4598	0.55879	1.4(Q)
31 cis-1,2-Dichloroethene	96	9.496	9.523	(0.963)	24032	0.95810	2.4
* 32 Bromochloromethane	128	9.859	9.892	(1.000)	315368	10.0000	
34 Chloroform	83	9.934	9.961	(1.008)	26981	0.48810	1.2
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	10.689	10.732	(0.951)	15380	0.22939	0.57
41 1,2-Dichloroethane	62	10.822	10.860	(0.963)	48295	1.42990	3.6
* 43 1,4-Difluorobenzene	114	11.240	11.277	(1.000)	1339945	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	Compound Not Detected.					
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.311	15.348	(1.000)	1245279	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	Compound Not Detected.					
65 Xylene (o)	106	Compound Not Detected.					
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d

Date : 24-MAR-2009 05:31

Client ID: VP-34V2N

Instrument: G.i

Sample Info: 20090305VP-34V2N :[103/05/09 @1005(AIR)

Purge Volume: 100.0

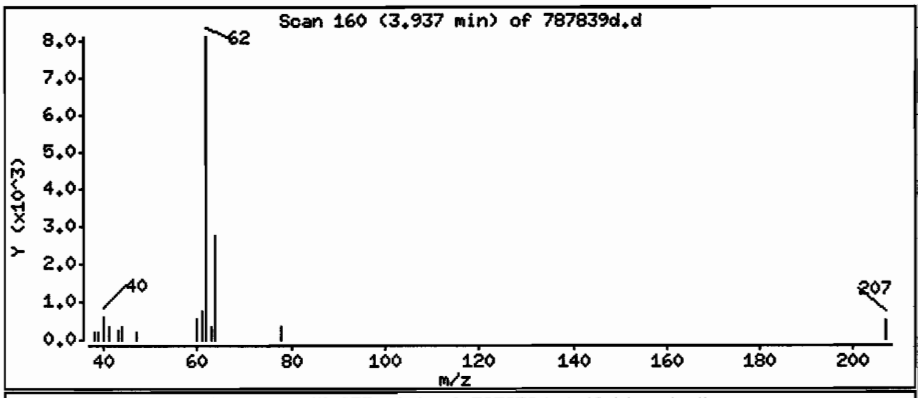
Operator: wrd

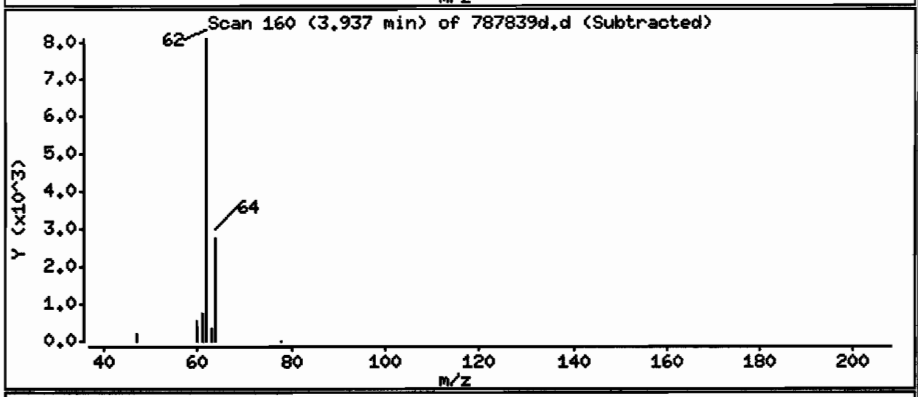
Column phase: RTX-624

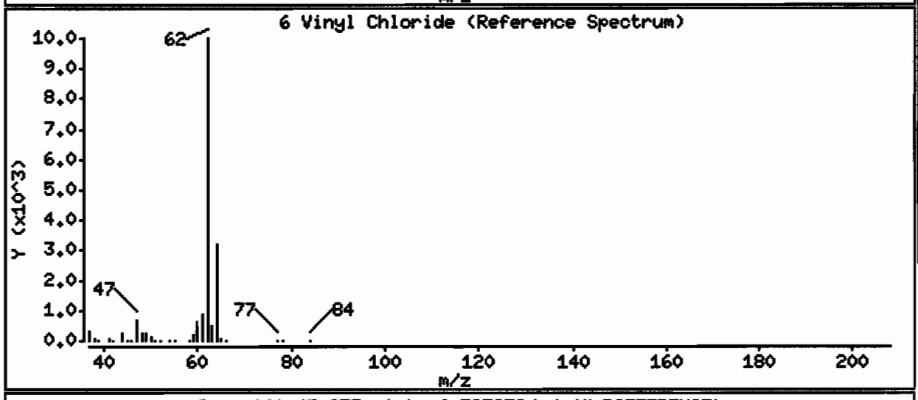
Column diameter: 0.32

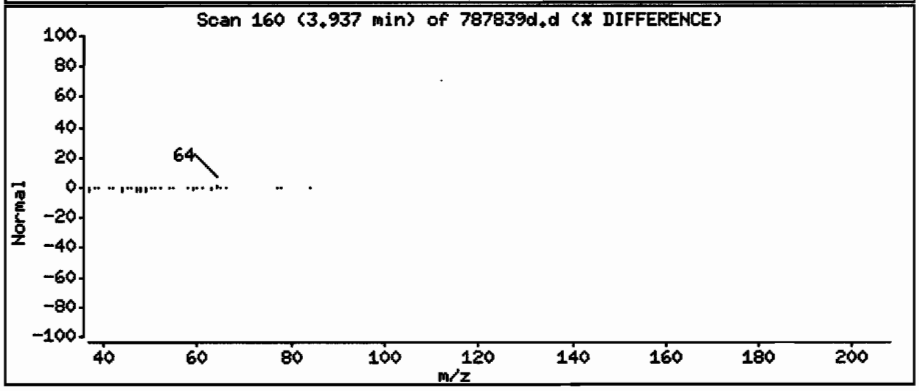
6 Vinyl Chloride

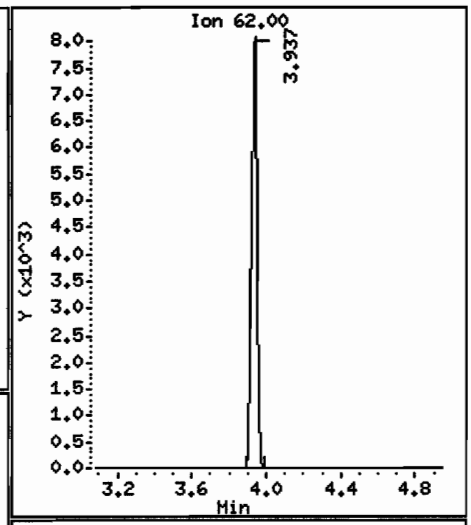
Concentration: 2.1 ppbv

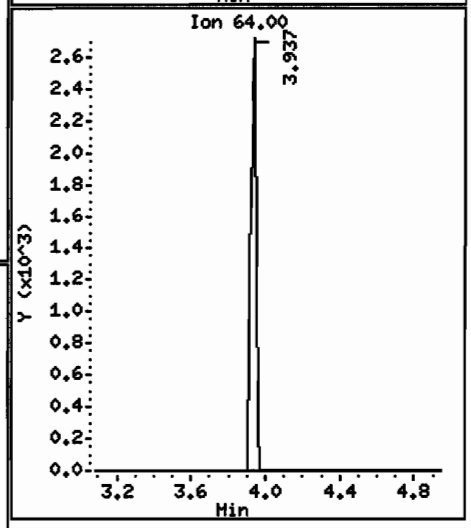












Data File: /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d

Date : 24-MAR-2009 05:31

Client ID: VP-34V2N

Instrument: G.i

Sample Info: 20090305VP-34V2N :[ ]03/05/09 @1005(AIR)

Purge Volume: 100.0

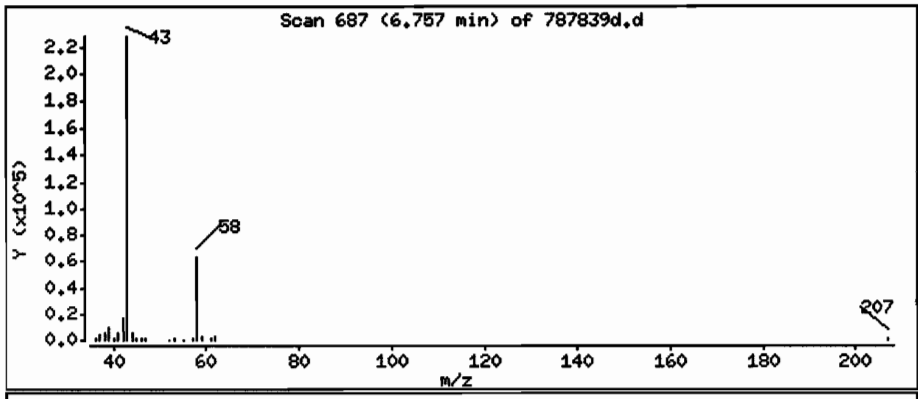
Operator: wrd

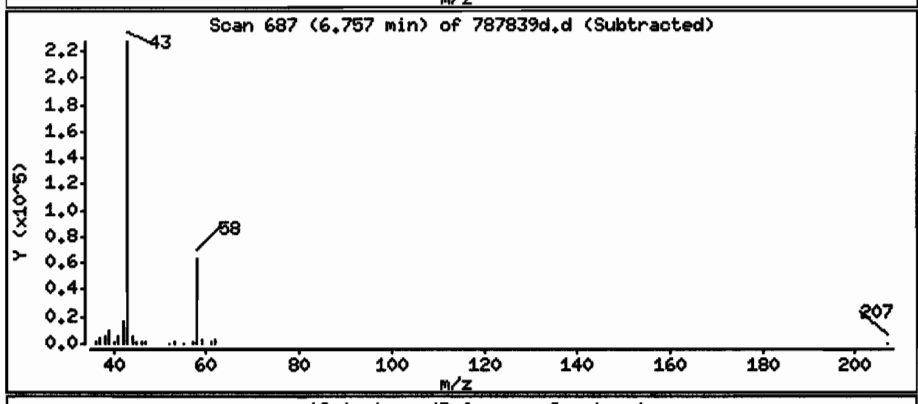
Column phase: RTX-624

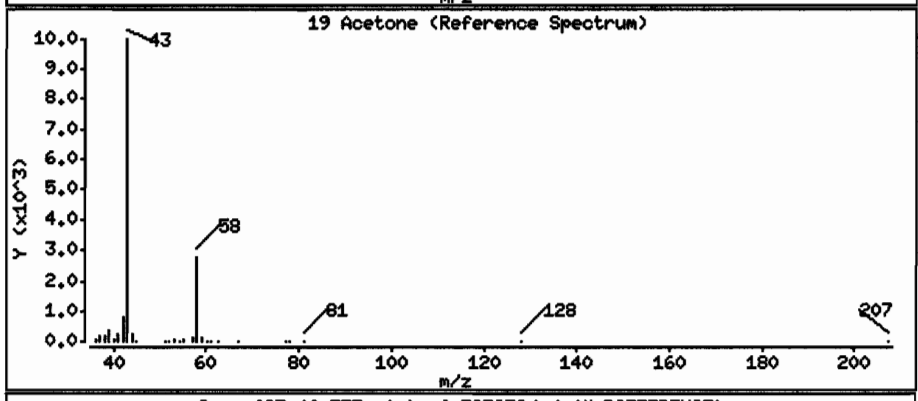
Column diameter: 0.32

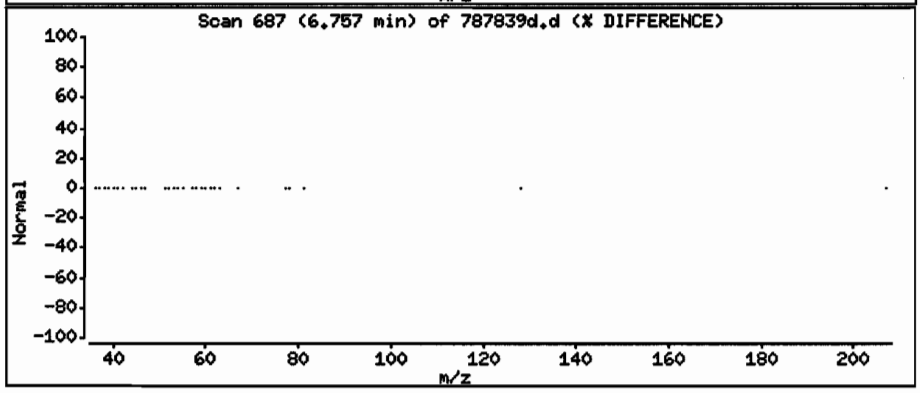
19 Acetone

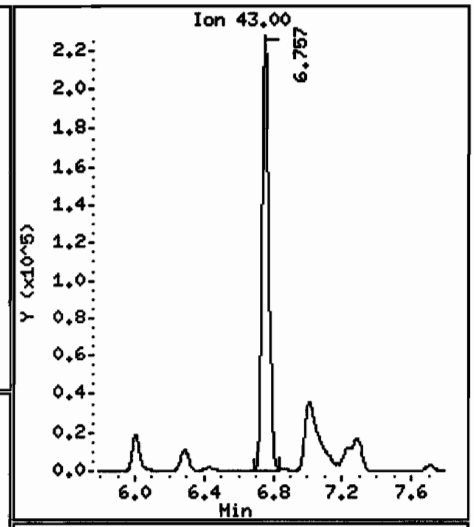
Concentration: 57 ppbv

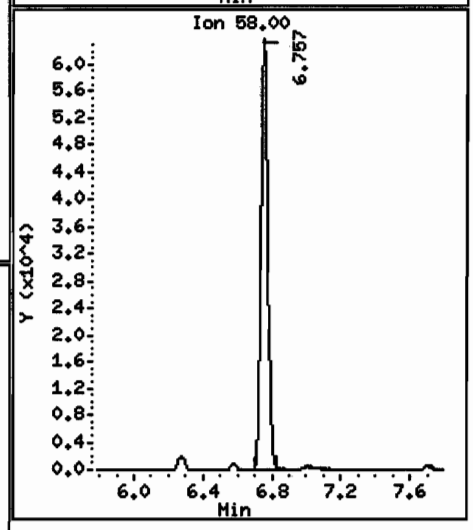












Data File: /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d

Date : 24-MAR-2009 05:31

Client ID: VP-34V2N

Instrument: G.i

Sample Info: 20090305VP-34V2N :[ ]03/05/09 @1005(AIR)

Purge Volume: 100.0

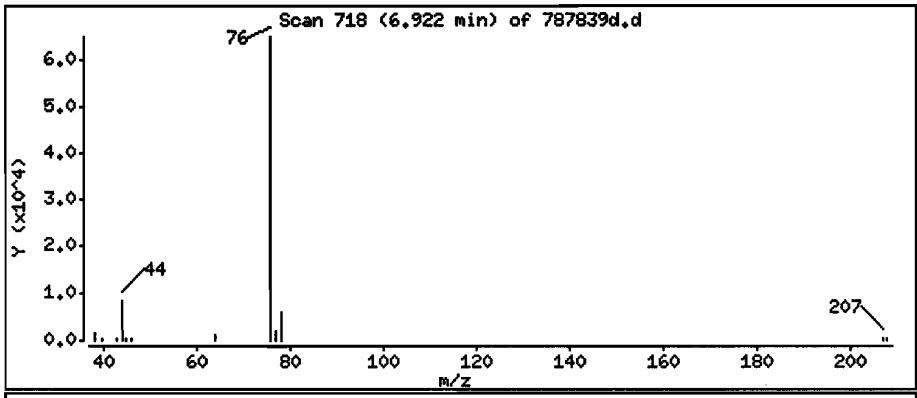
Operator: wrd

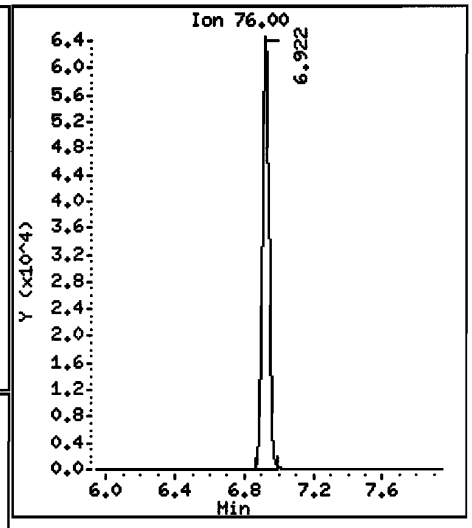
Column phase: RTX-624

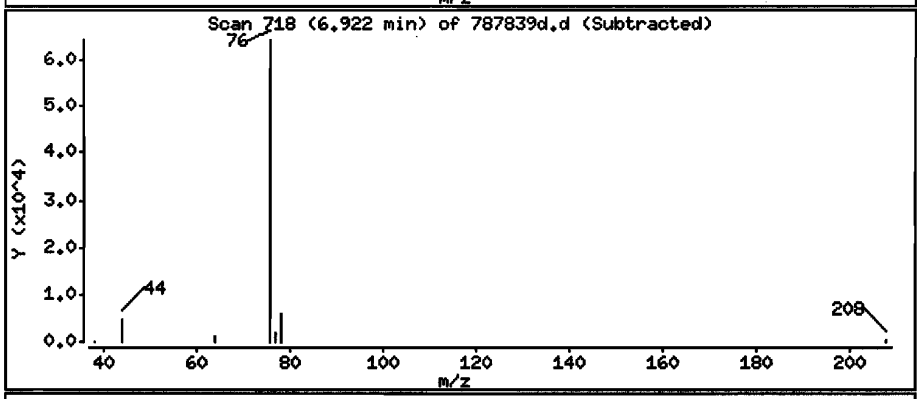
Column diameter: 0.32

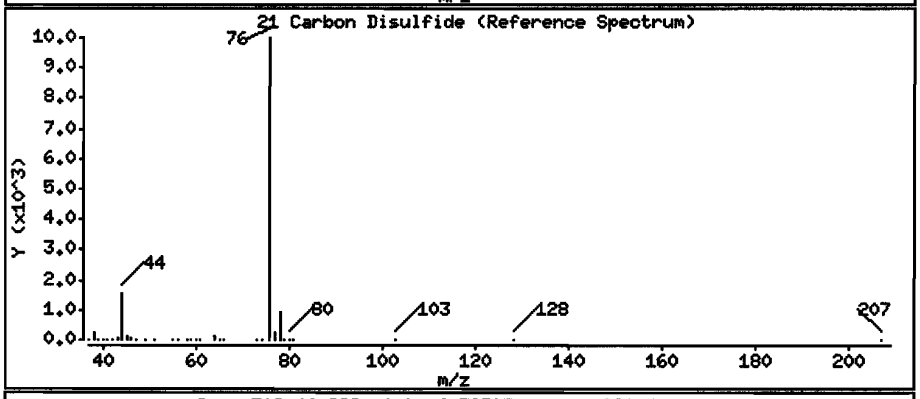
21 Carbon Disulfide

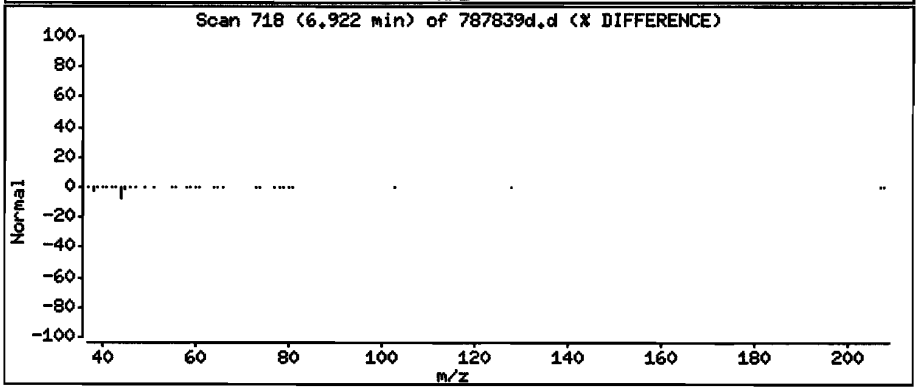
Concentration: 6.0 ppbv











Data File: /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d

Date : 24-MAR-2009 05:31

Client ID: VP-34V2N

Instrument: G.i

Sample Info: 20090305VP-34V2N :[J03/05/09 @1005(AIR)

Purge Volume: 100.0

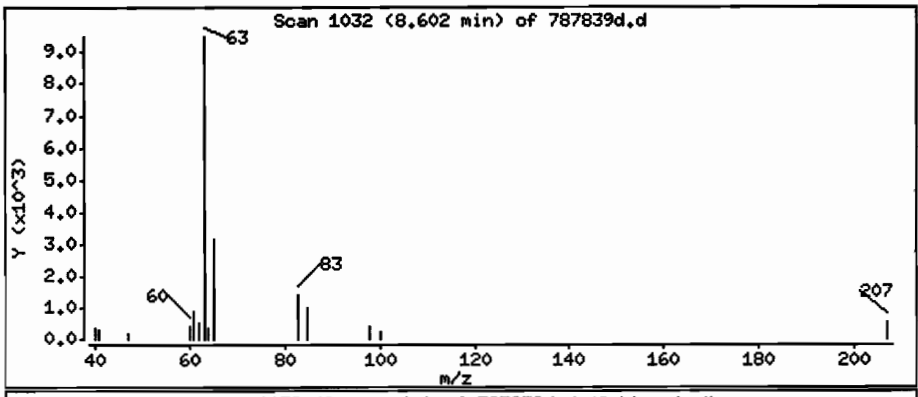
Operator: wrd

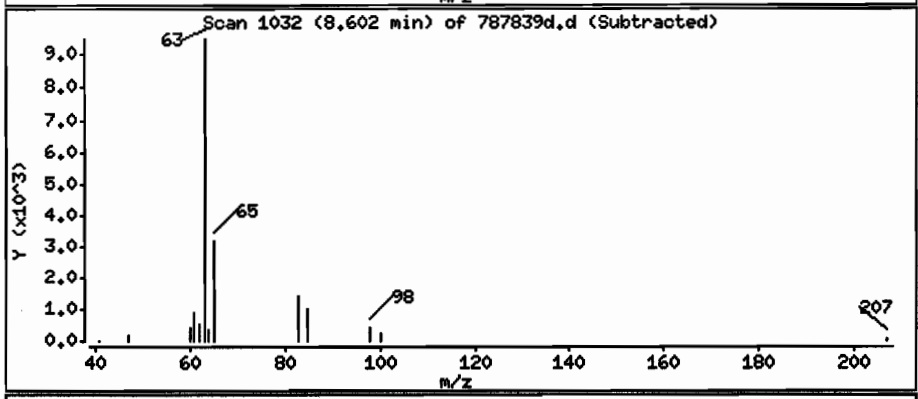
Column phase: RTX-624

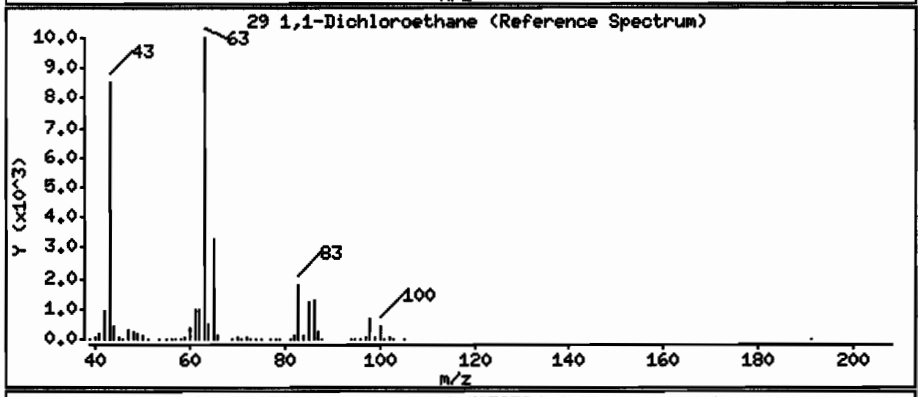
Column diameter: 0.32

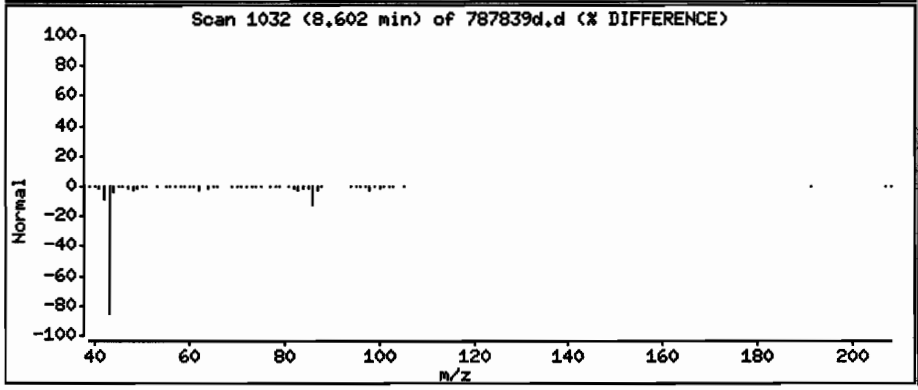
29 1,1-Dichloroethane

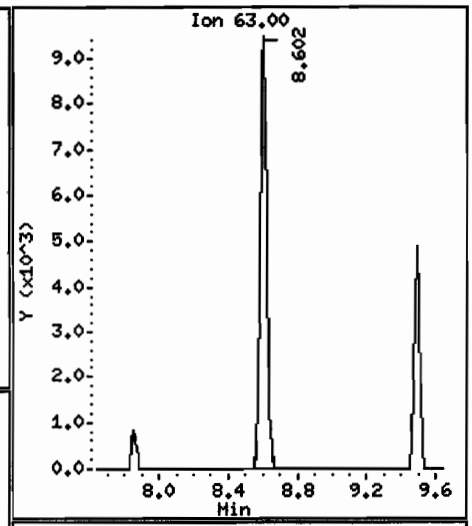
Concentration: 1.5 ppbv

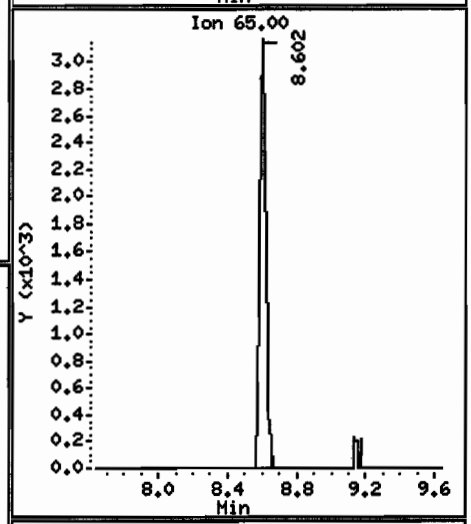


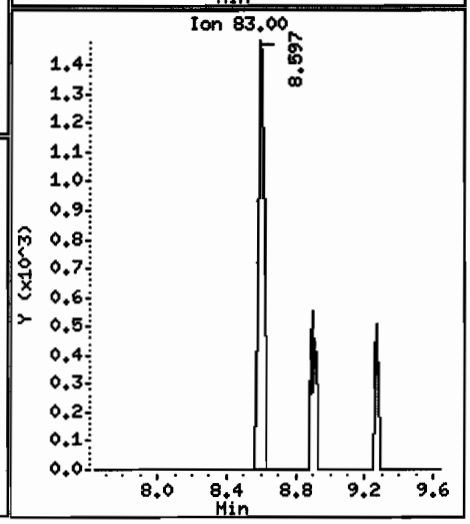












Data File: /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d

Date : 24-MAR-2009 05:31

Client ID: VP-34V2N

Instrument: G.i

Sample Info: 20090305VP-34V2N :[ ]03/05/09 @1005(AIR)

Purge Volume: 100.0

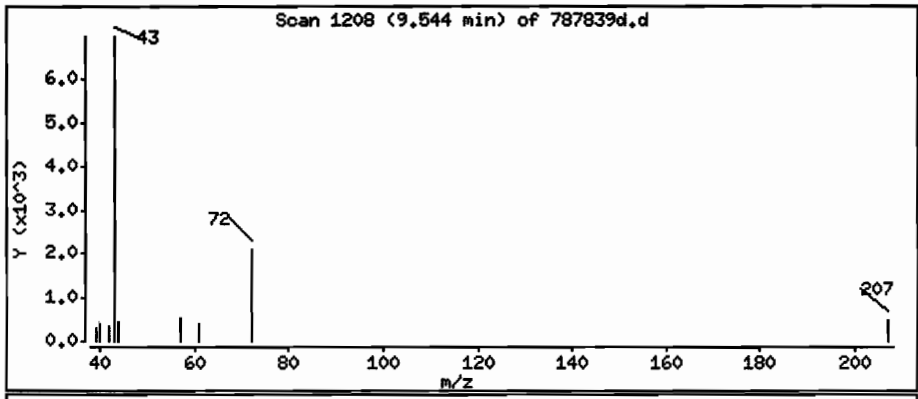
Operator: wrd

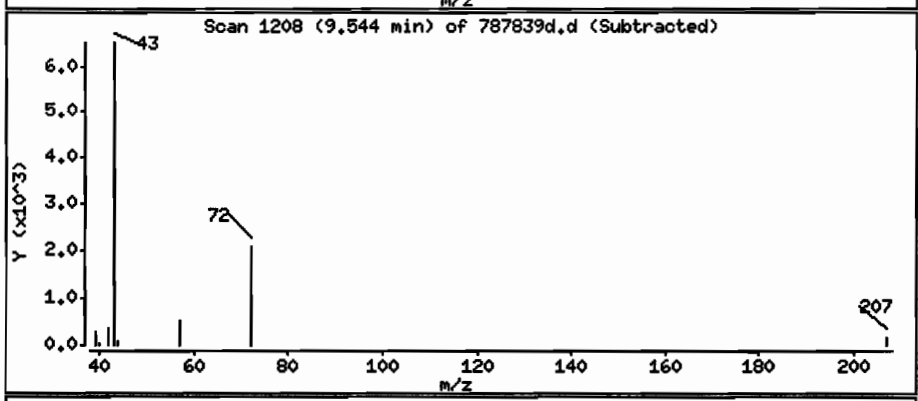
Column phase: RTX-624

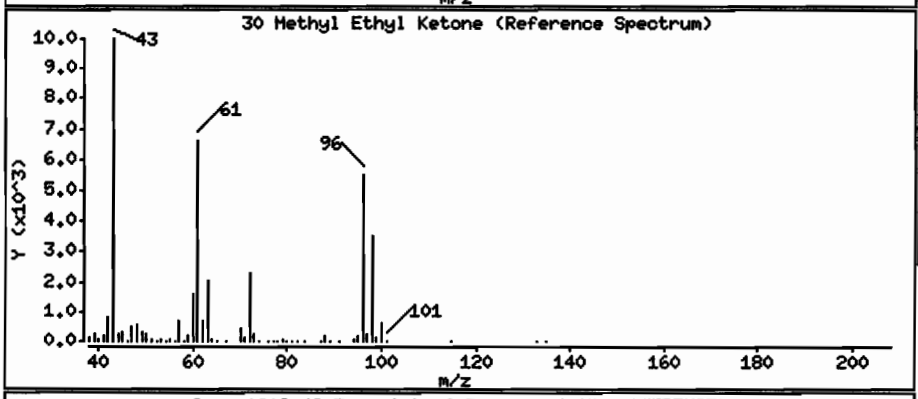
Column diameter: 0.32

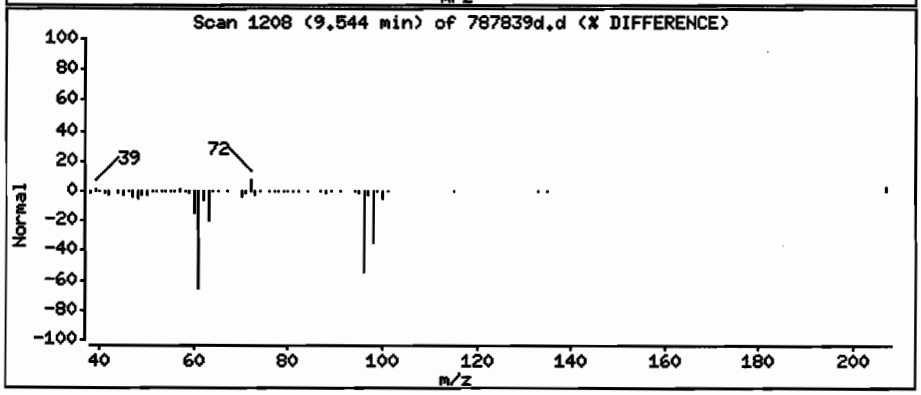
30 Methyl Ethyl Ketone

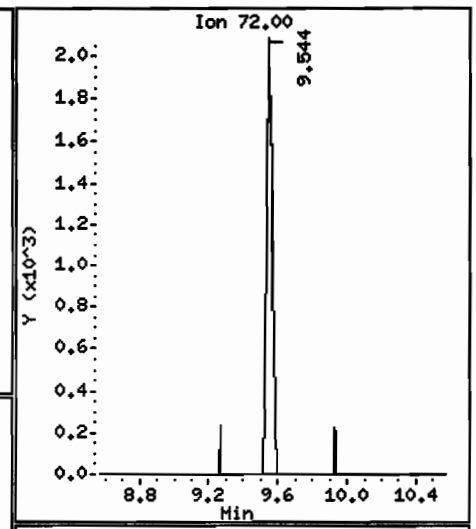
Concentration: 1.4 ppbv

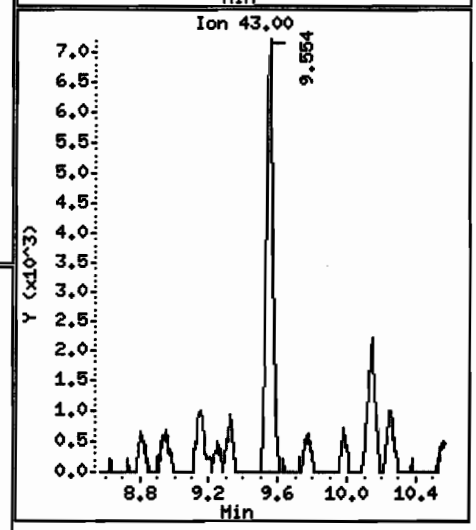












Data File: /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d

Date : 24-MAR-2009 05:31

Client ID: VP-34V2N

Instrument: G.i

Sample Info: 20090305VP-34V2N :[103/05/09 @1005(AIR)

Purge Volume: 100.0

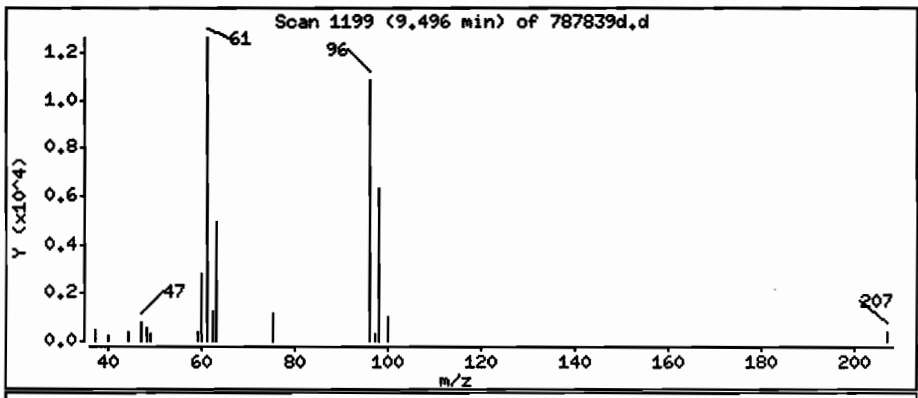
Operator: wrd

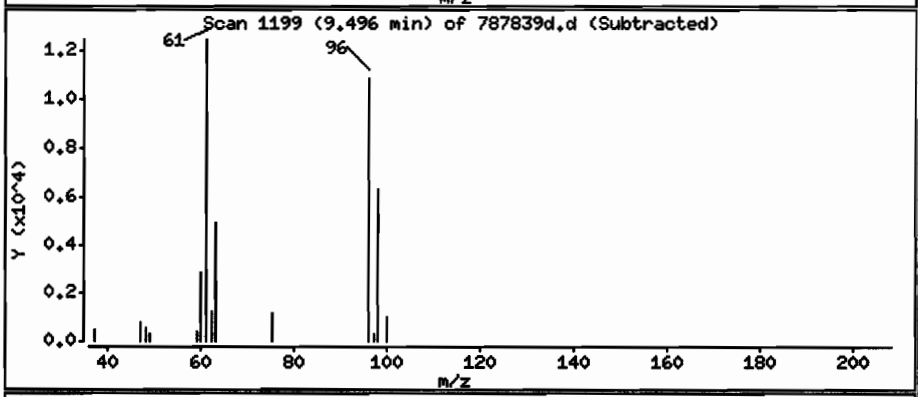
Column phase: RTX-624

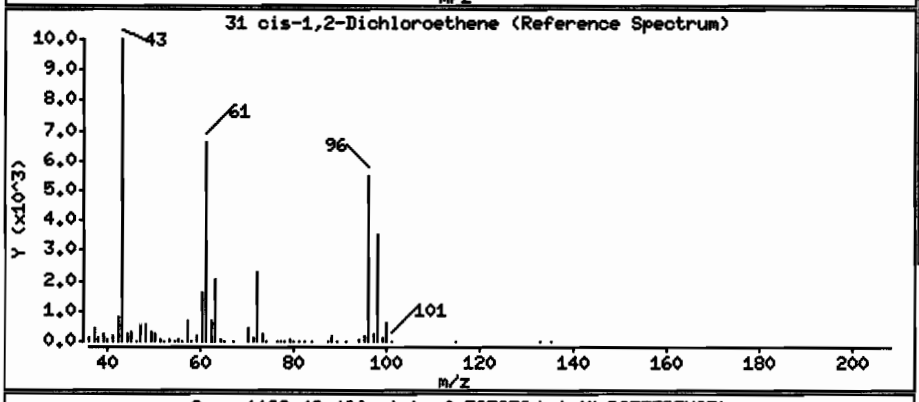
Column diameter: 0.32

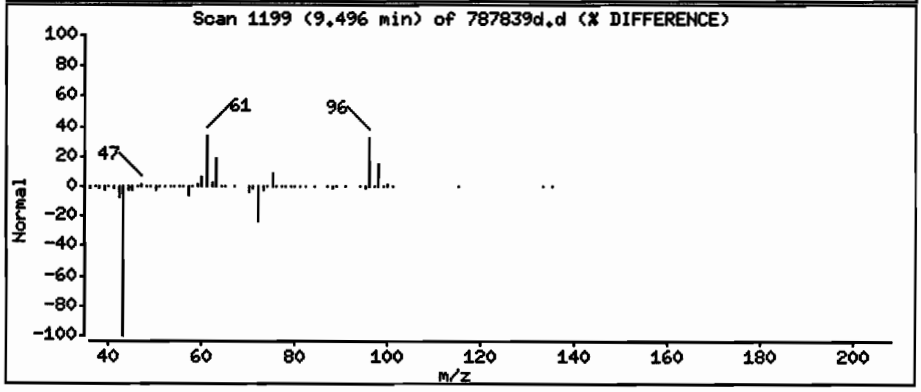
31 cis-1,2-Dichloroethene

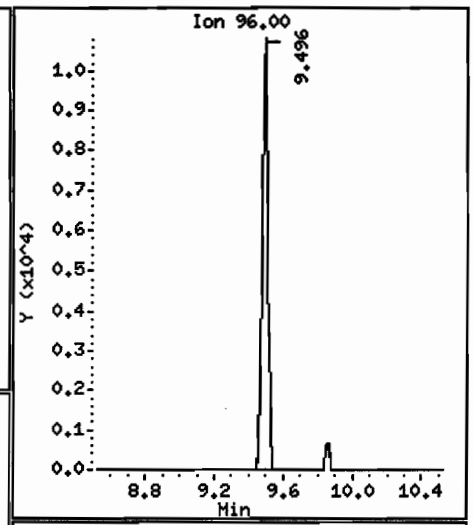
Concentration: 2.4 ppbv

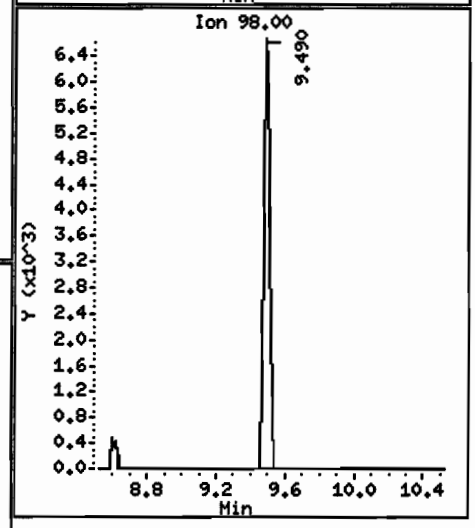












Data File: /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d

Date : 24-MAR-2009 05:31

Client ID: VP-34V2N

Instrument: G.i

Sample Info: 20090305VP-34V2N :[103/05/09 @1005(AIR)

Purge Volume: 100.0

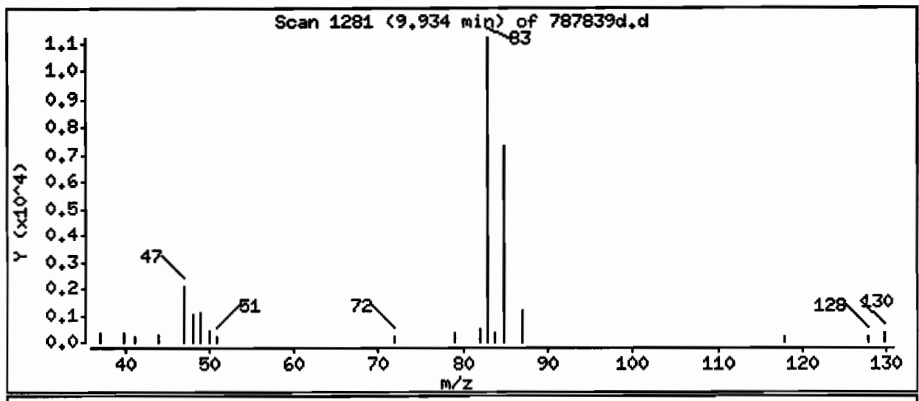
Operator: wrd

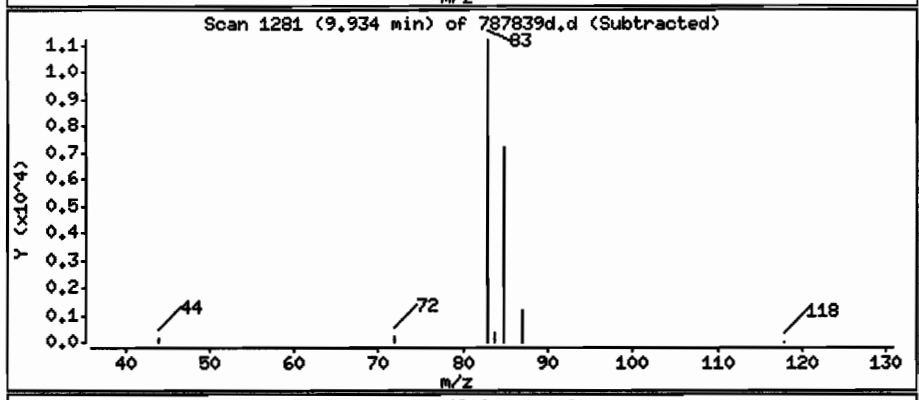
Column phase: RTX-624

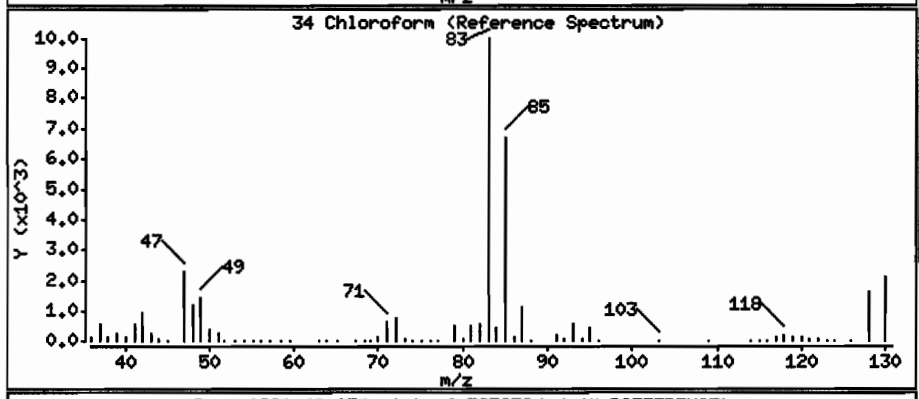
Column diameter: 0.32

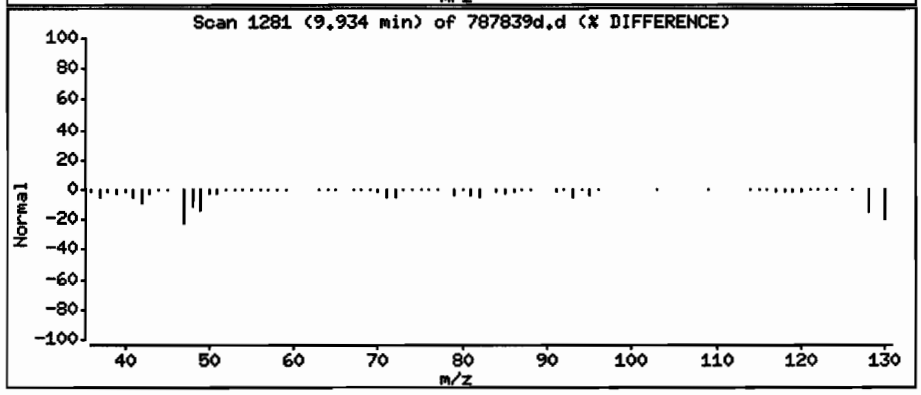
34 Chloroform

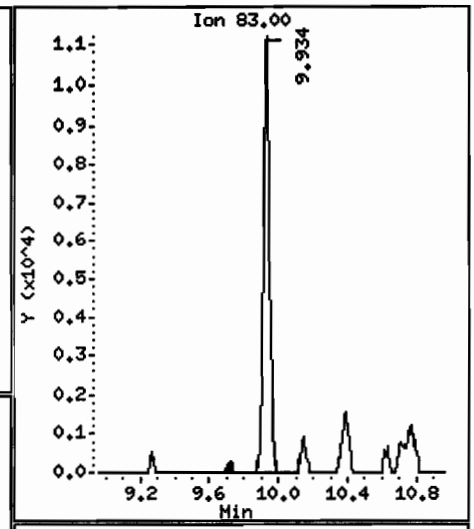
Concentration: 1.2 ppbv

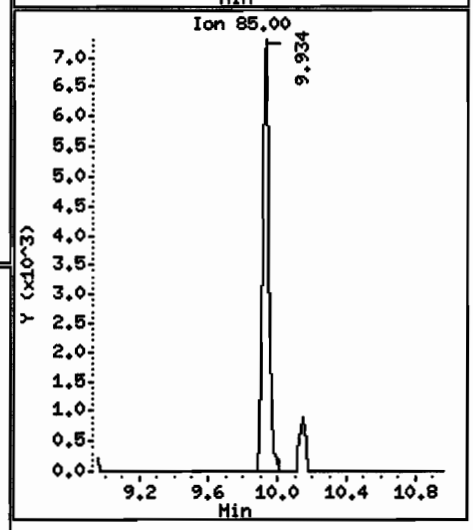












Data File: /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d

Date : 24-MAR-2009 05:31

Client ID: VP-34V2N

Instrument: G.i

Sample Info: 20090305VP-34V2N :[ ]03/05/09 @1005(AIR)

Purge Volume: 100.0

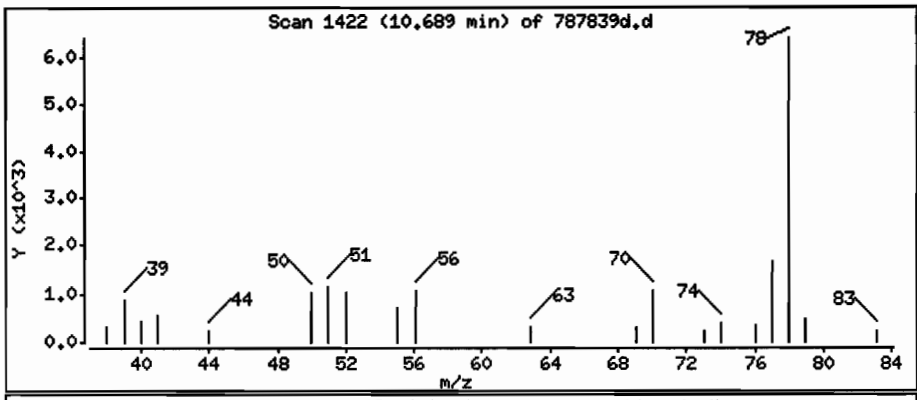
Operator: wrd

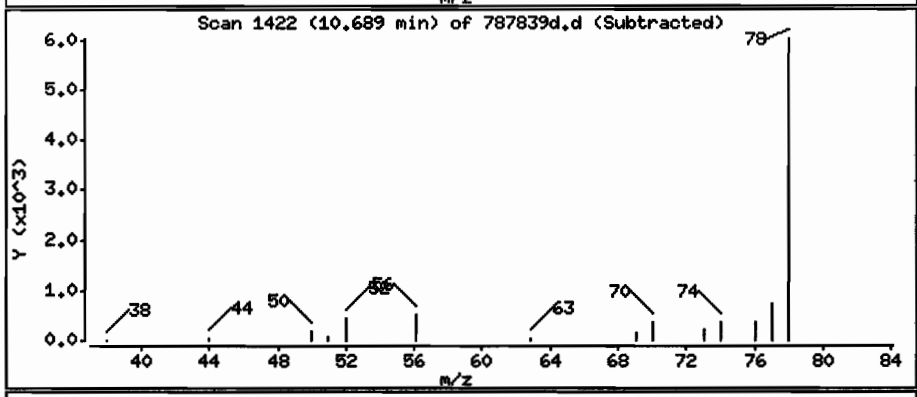
Column phase: RTX-624

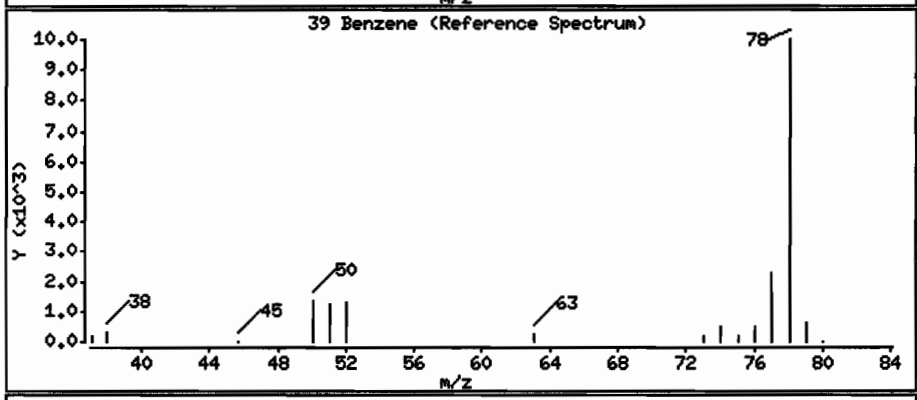
Column diameter: 0.32

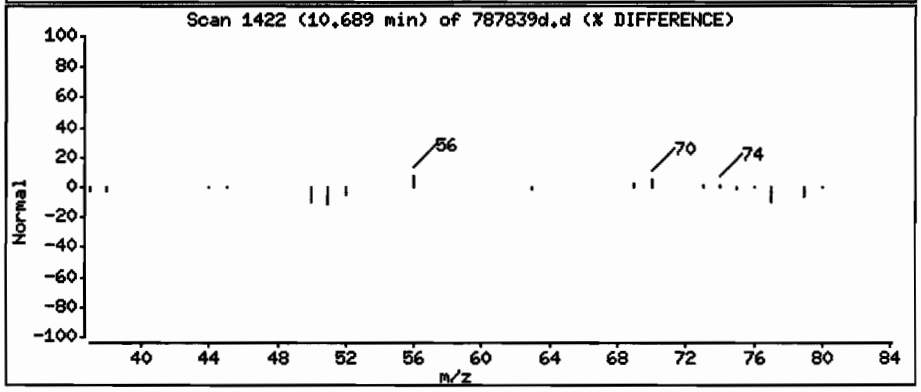
39 Benzene

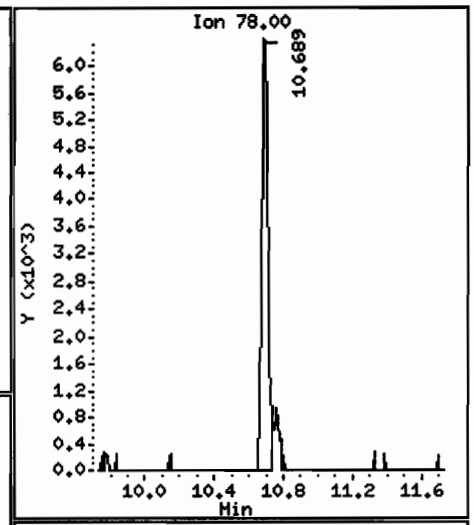
Concentration: 0.57 ppbv

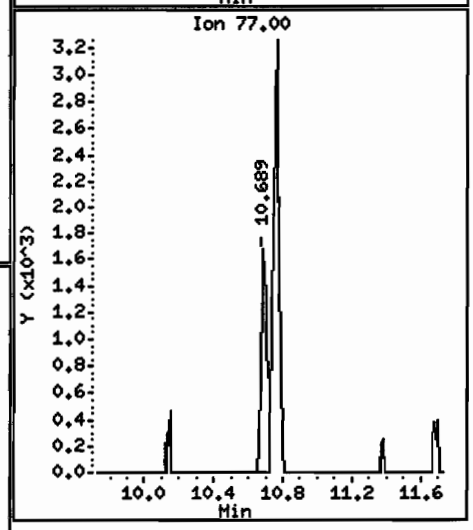












Data File: /chem/G.i/Gsvr.p/gdhadt15.b/787839d.d

Date : 24-MAR-2009 05:31

Client ID: VP-34V2N

Instrument: G.i

Sample Info: 20090305VP-34V2N :[ ]03/05/09 @1005(AIR)

Purge Volume: 100.0

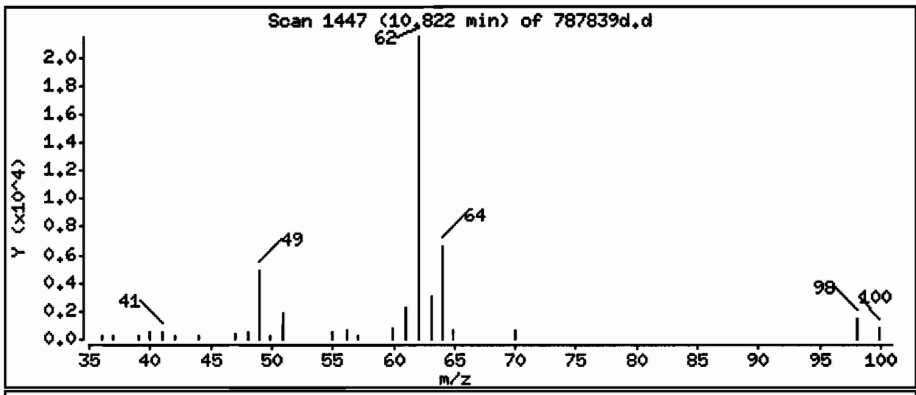
Operator: wrd

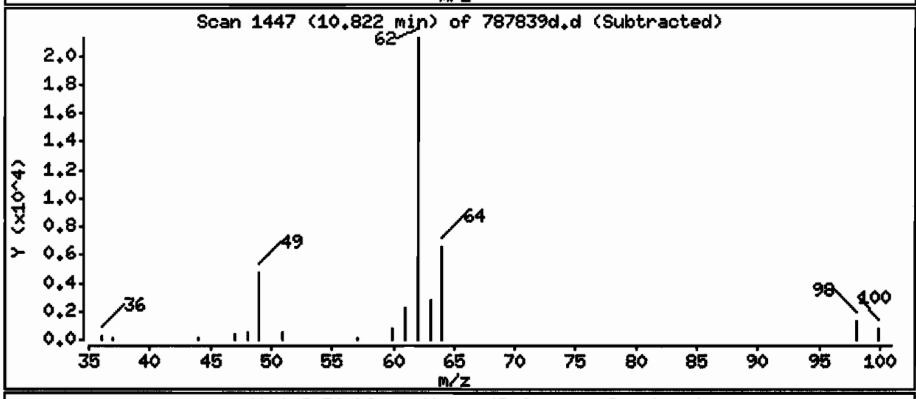
Column phase: RTX-624

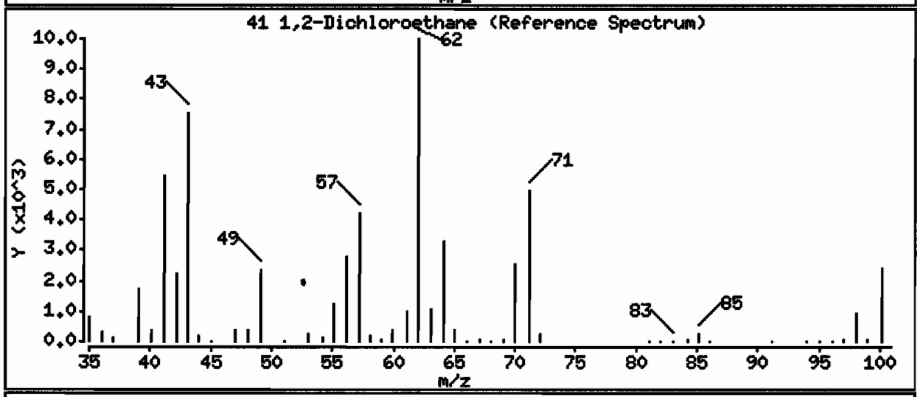
Column diameter: 0.32

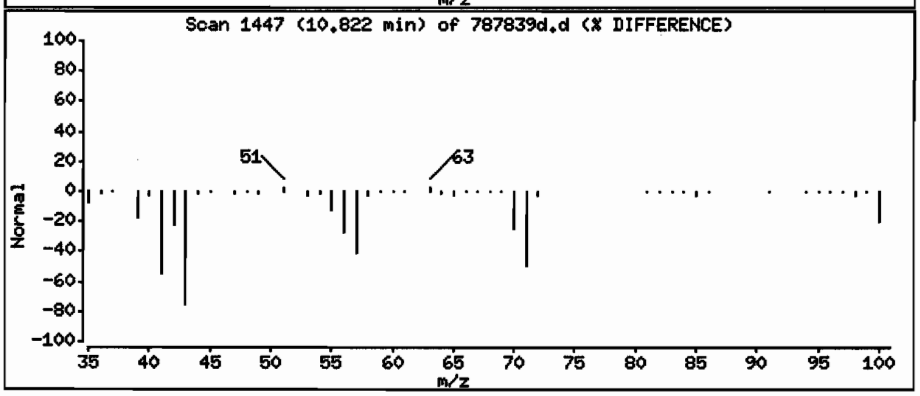
41 1,2-Dichloroethane

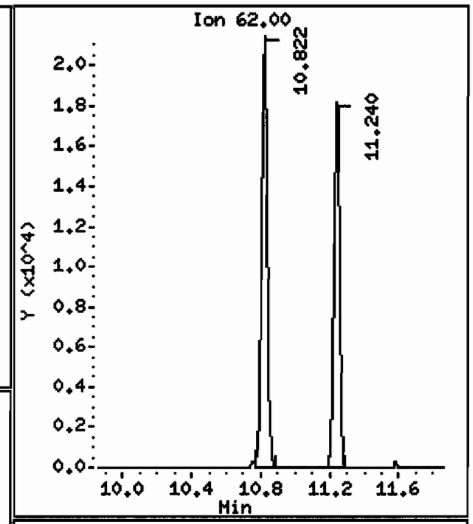
Concentration: 3.6 ppbv

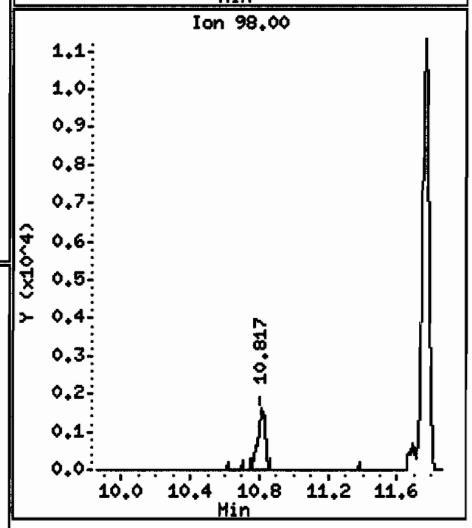












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-35V6.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787844

Sample wt/vol: 34.00 (g/mL) ML Lab File ID: 787844D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 99.4

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	50	U
75-01-4	Vinyl Chloride	2200	
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	50	U
75-35-4	1,1-Dichloroethene	20	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	50	U
75-09-2	Methylene Chloride	50	U
156-60-5	trans-1,2-Dichloroethene	61	
75-34-3	1,1-Dichloroethane	20	U
78-93-3	Methyl Ethyl Ketone	50	U
156-59-2	cis-1,2-Dichloroethene	1400	
67-66-3	Chloroform	20	U
71-55-6	1,1,1-Trichloroethane	20	U
56-23-5	Carbon Tetrachloride	20	U
71-43-2	Benzene	20	U
107-06-2	1,2-Dichloroethane	210	
79-01-6	Trichloroethene	98	
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-10-1	Methyl Isobutyl Ketone	50	U
108-88-3	Toluene	60	
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	74	
591-78-6	Methyl Butyl Ketone	50	U
124-48-1	Dibromochloromethane	20	U
108-90-7	Chlorobenzene	21	
100-41-4	Ethylbenzene	120	
1330-20-7	Xylene (m,p)	170	
95-47-6	Xylene (o)	77	
100-42-5	Styrene	20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-35V6.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787844

Sample wt/vol: 34.00 (g/mL) ML Lab File ID: 787844D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 99.4

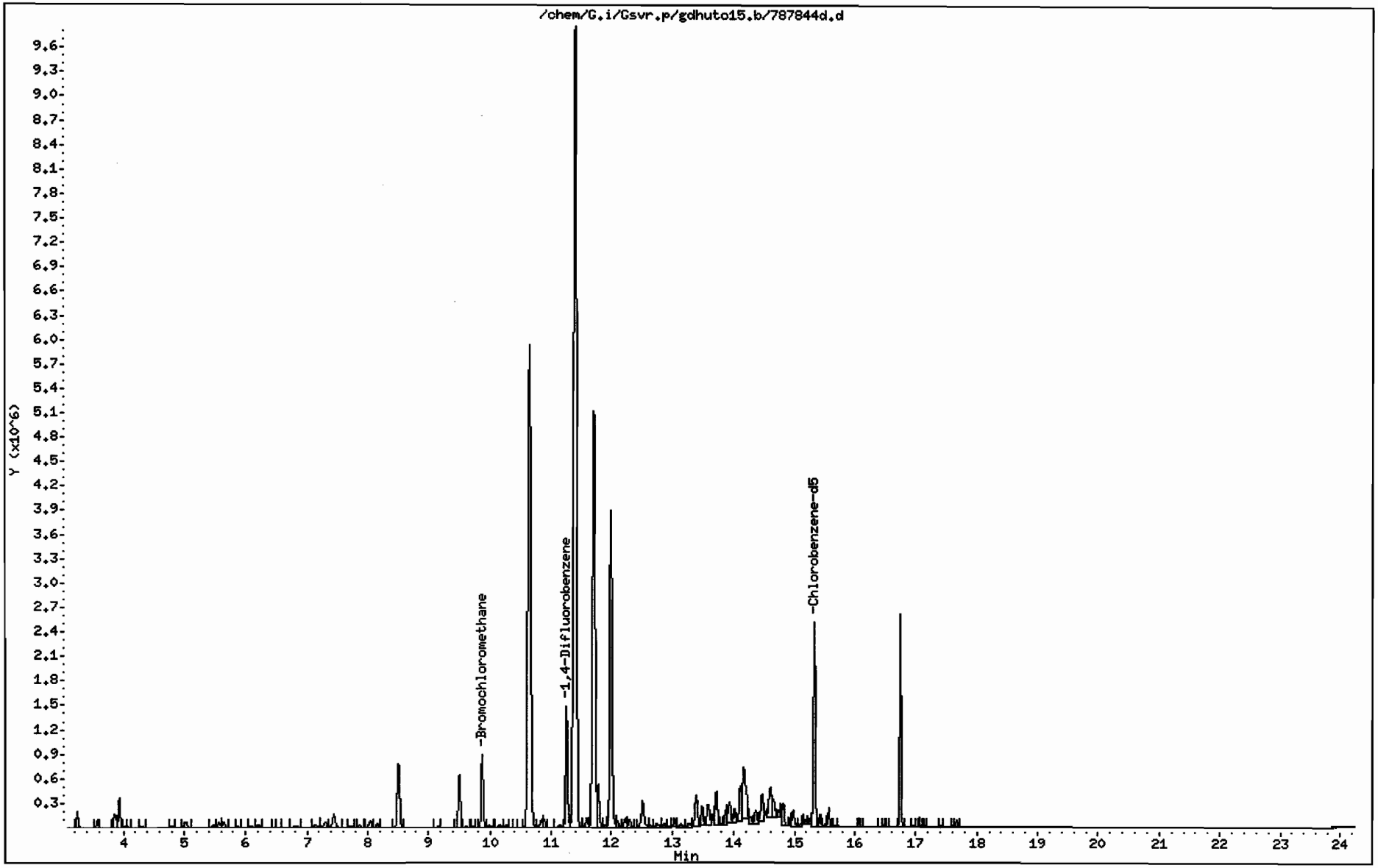
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d
Date : 13-MAR-2009 01:21
Client ID: VP-35V6.5N
Sample Info: 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)
Purge Volume: 34.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d
Lab Smp Id: 787844 Client Smp ID: VP-35V6.5N
Inj Date : 13-MAR-2009 01:21
Operator : njr Inst ID: G.i
Smp Info : 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)
Misc Info : 787844;031209GA;99.4;34;cdf16.9
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 5
Dil Factor: 99.40000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	99.40000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	34.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.932	3.943	(0.398)	469509	22.4026	2200
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	7.859	7.880	(0.796)	22698	0.61280	61
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	371119	13.9823	1400
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	333714	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	10.833	10.860	(0.963)	84825	2.11947	210(M)
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1587765	10.0000	
45 Trichloroethene	95	11.593	11.620	(1.030)	41083	0.98994	98
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.396	13.412	(0.874)	30972	0.60103	60
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	14.134	14.155	(0.922)	43281	0.74407	74
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1421220	10.0000	
62 Chlorobenzene	112	15.359	15.386	(1.002)	15986	0.20857	21
63 Ethylbenzene	91	15.429	15.450	(1.007)	133171	1.16766	120
64 Xylene (m,p)	106	15.568	15.594	(1.016)	73416	1.67889	170
65 Xylene (o)	106	16.081	16.103	(1.049)	33165	0.77882	77
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[03/06/09 @1050(AIR)

Purge Volume: 34.0

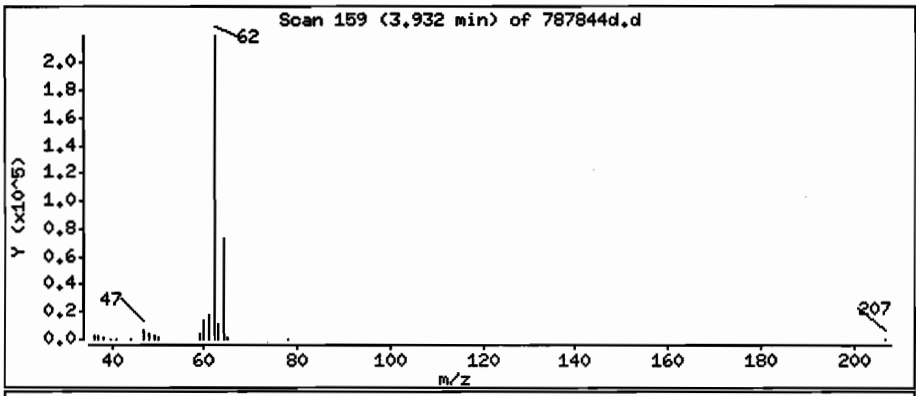
Operator: njr

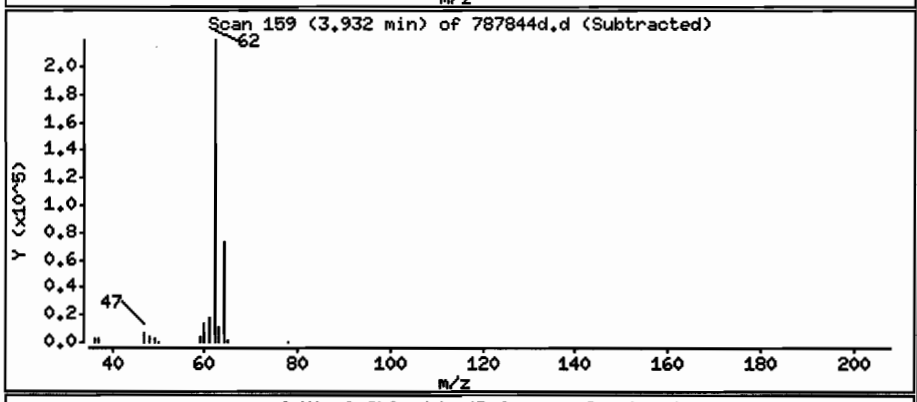
Column phase: RTX-624

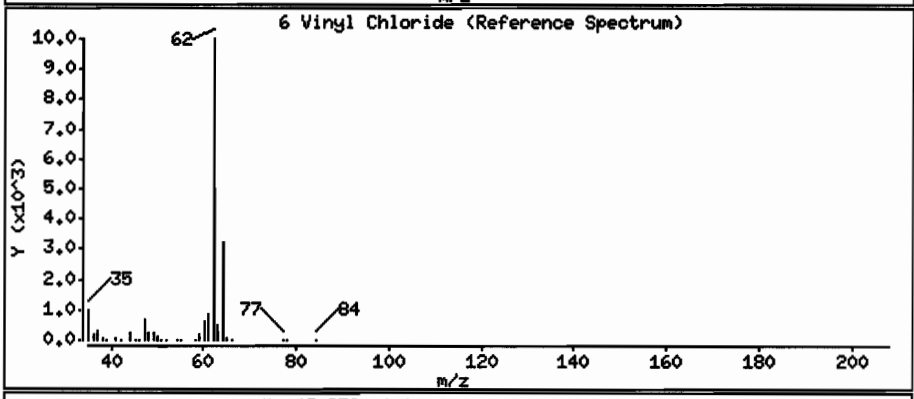
Column diameter: 0.32

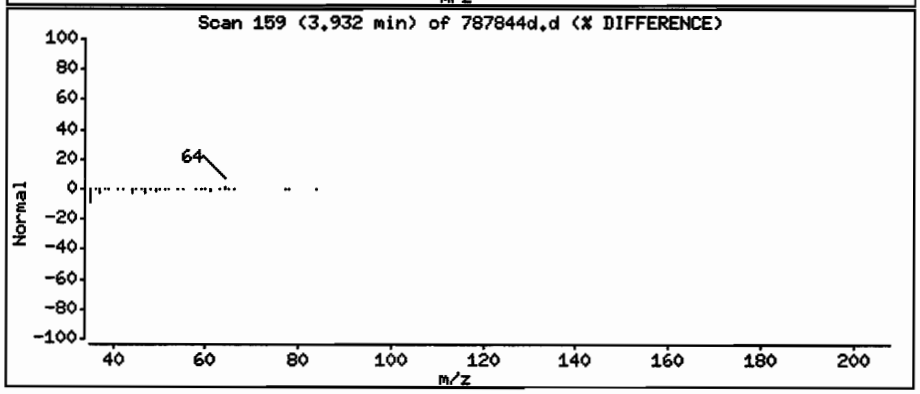
6 Vinyl Chloride

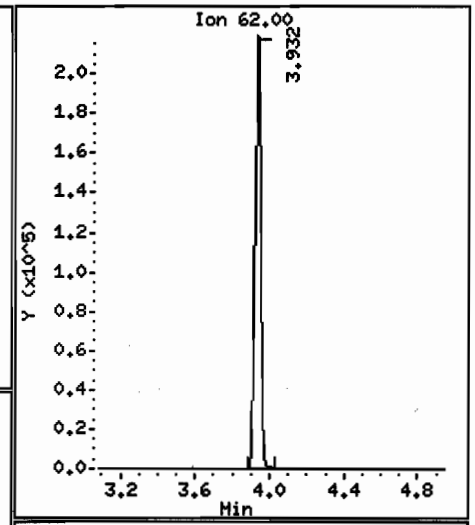
Concentration: 2200 ppbv

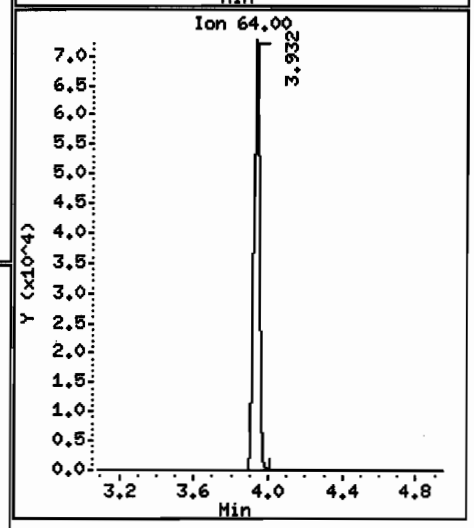












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)

Purge Volume: 34.0

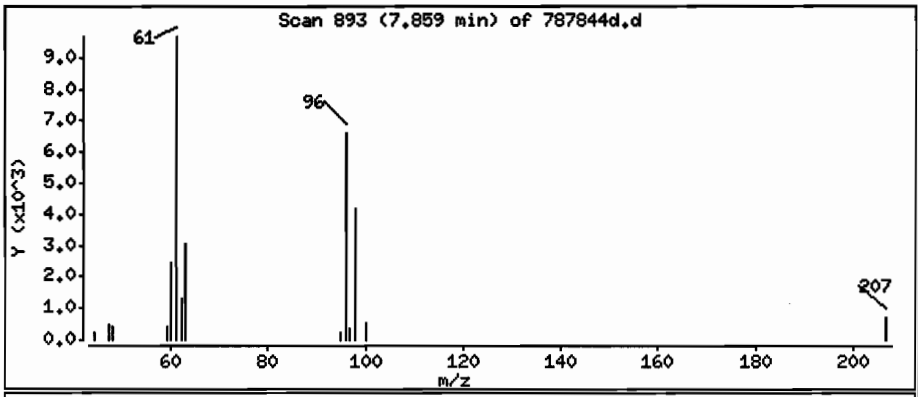
Operator: njr

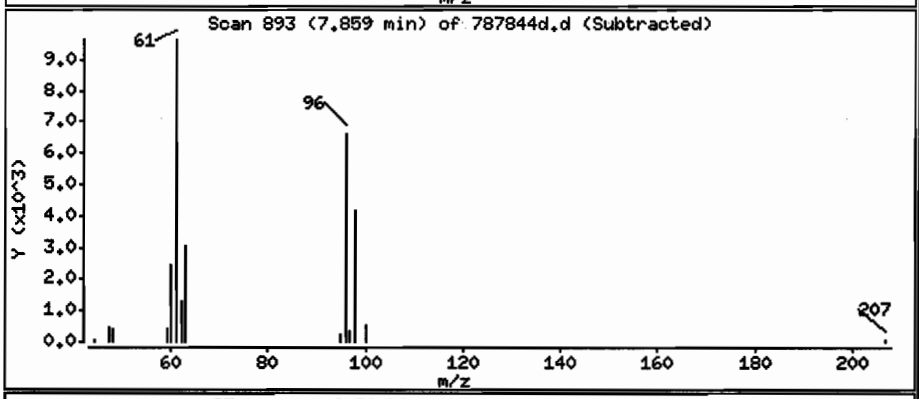
Column phase: RTX-624

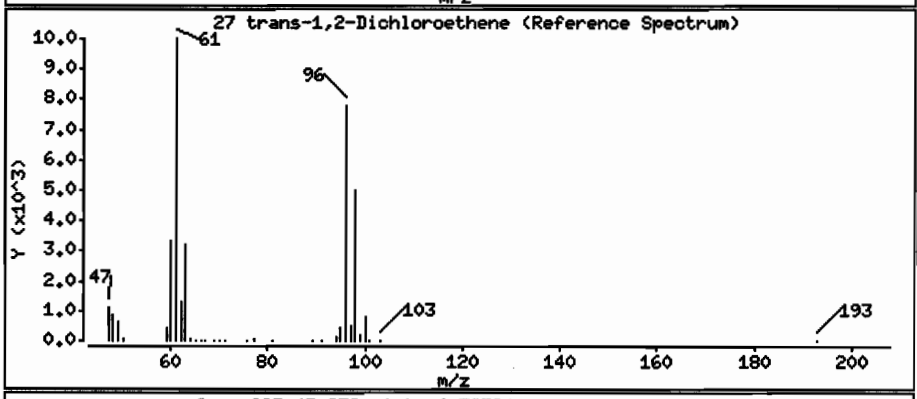
Column diameter: 0.32

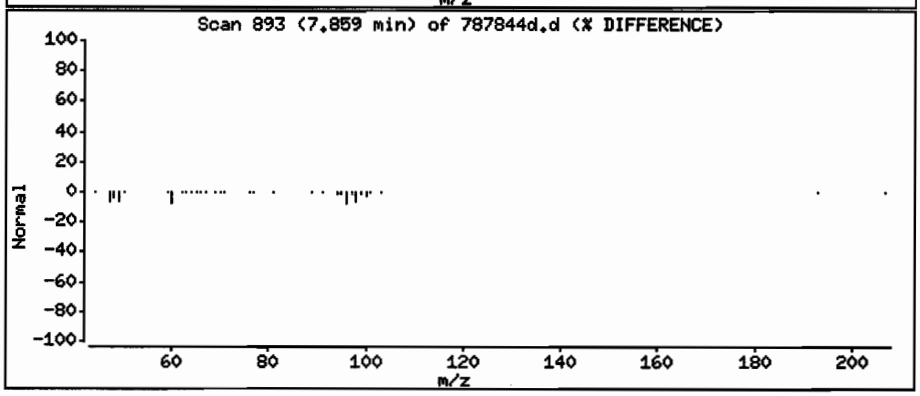
27 trans-1,2-Dichloroethene

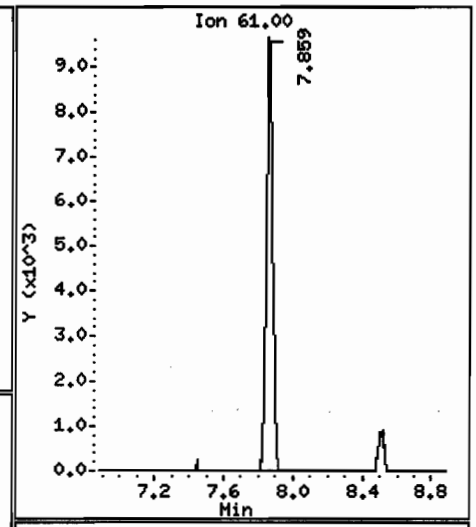
Concentration: 61 ppbv

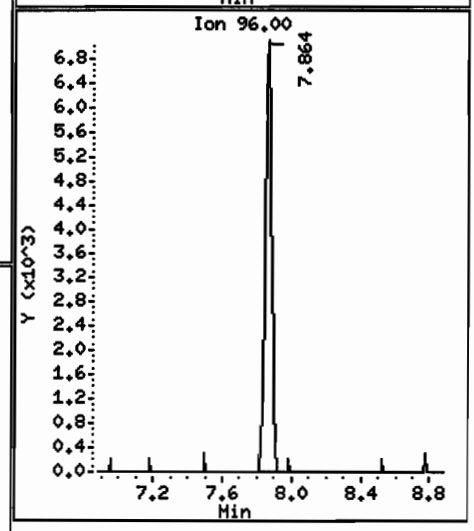












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[J03/06/09 @1050(AIR)

Purge Volume: 34.0

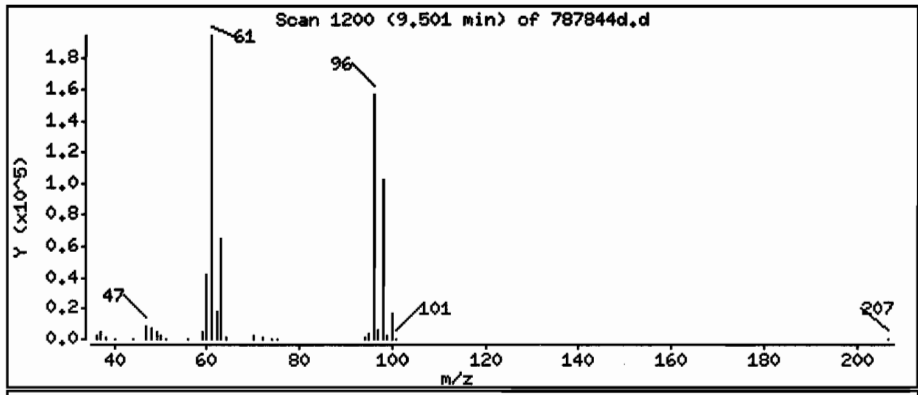
Operator: njr

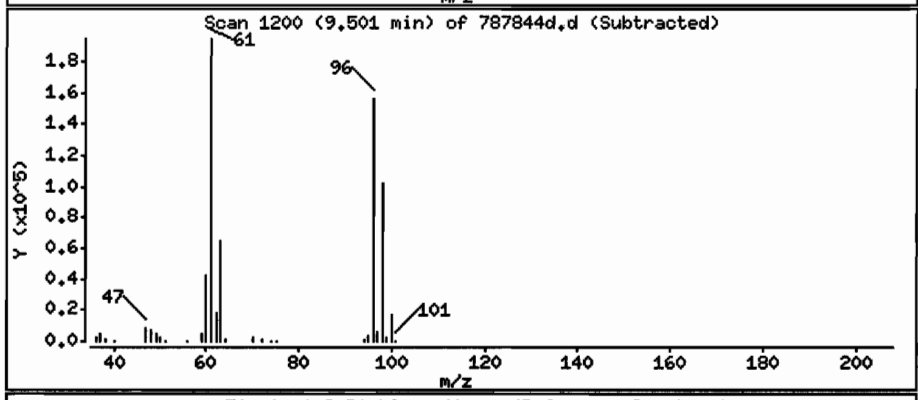
Column phase: RTX-624

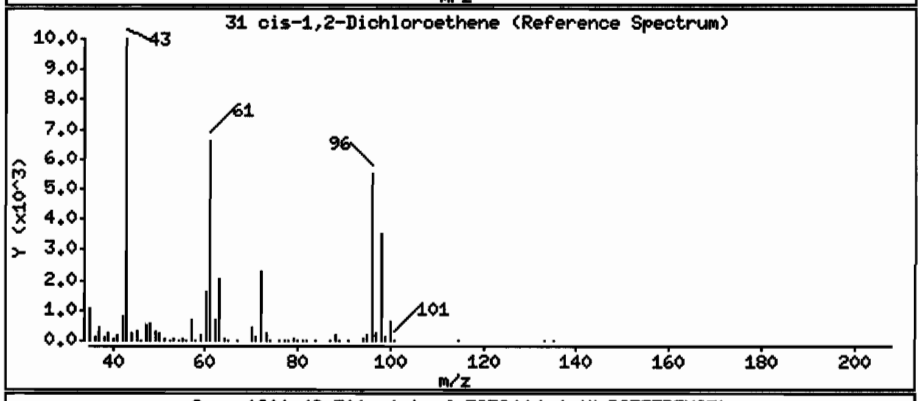
Column diameter: 0.32

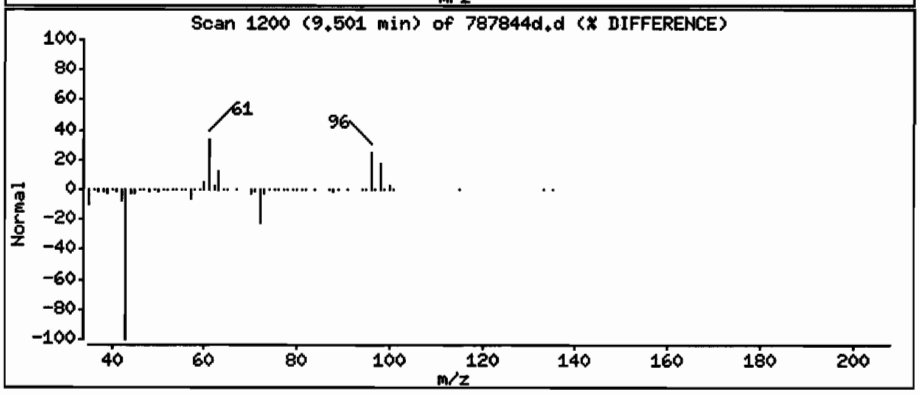
31 cis-1,2-Dichloroethene

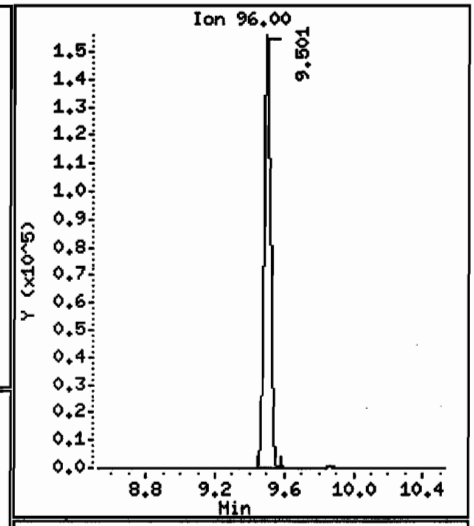
Concentration: 1400 ppbv

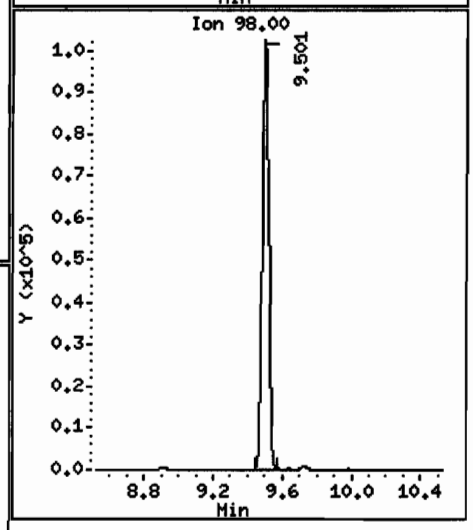












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)

Purge Volume: 34.0

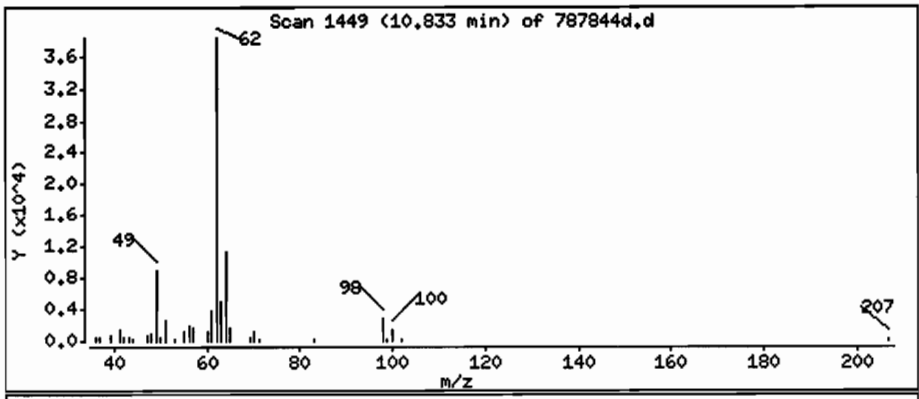
Operator: njr

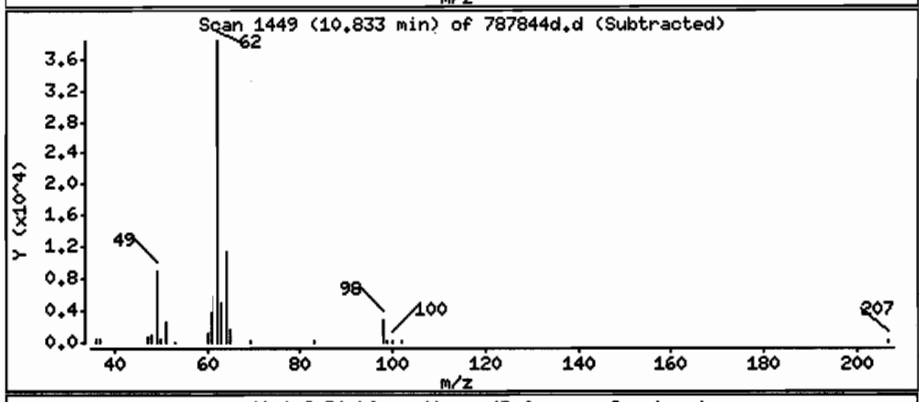
Column phase: RTX-624

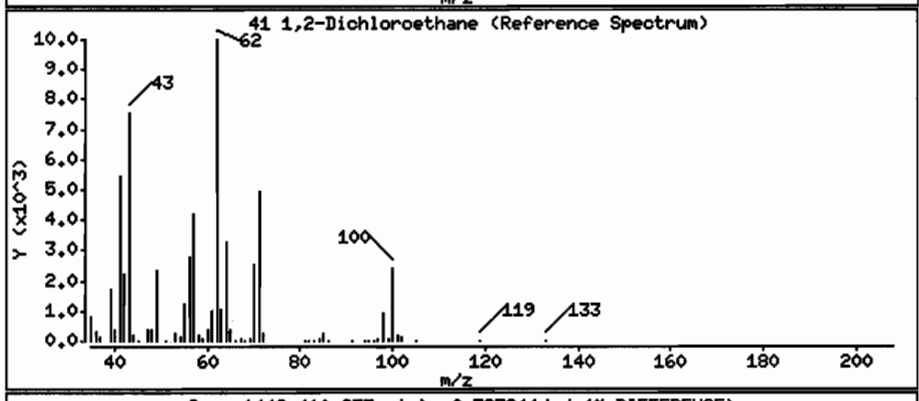
Column diameter: 0.32

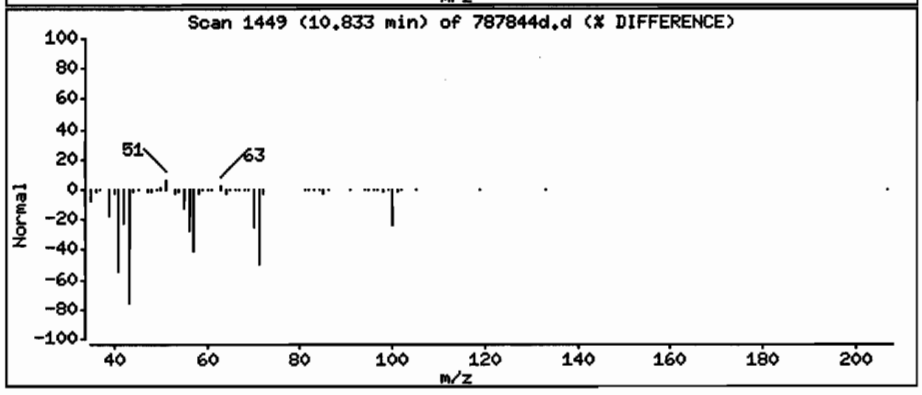
41 1,2-Dichloroethane

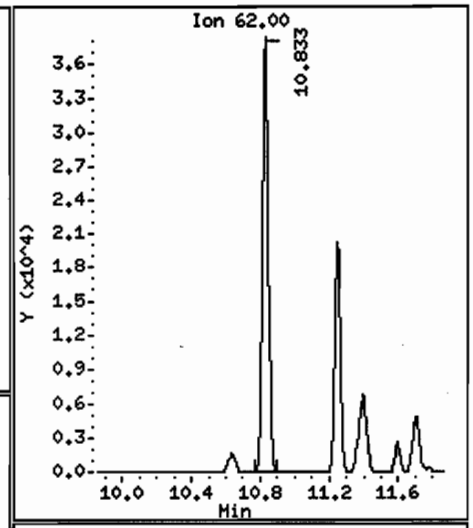
Concentration: 210 ppbv

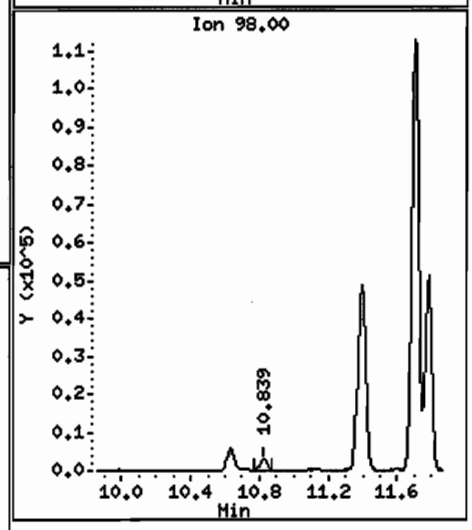












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)

Purge Volume: 34.0

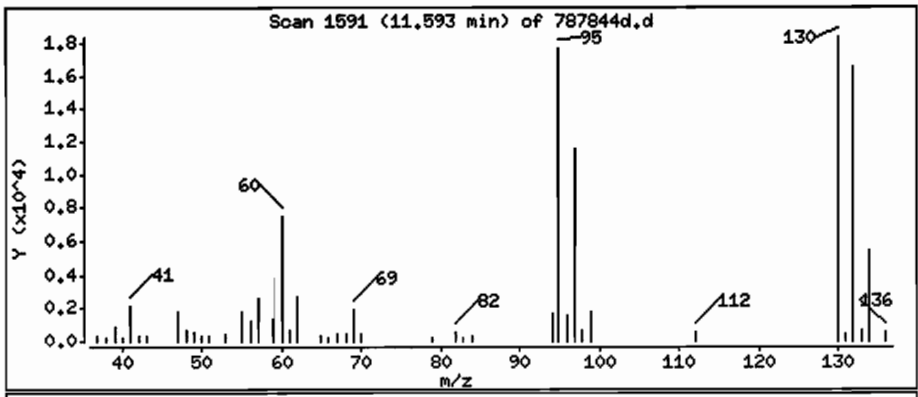
Operator: njr

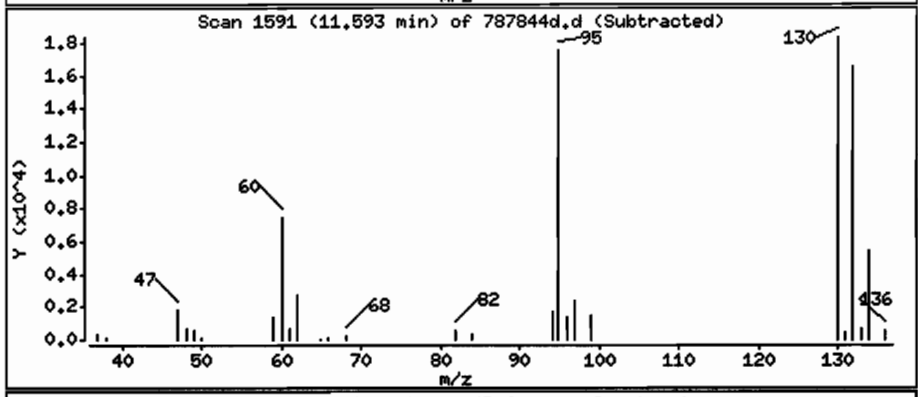
Column phase: RTX-624

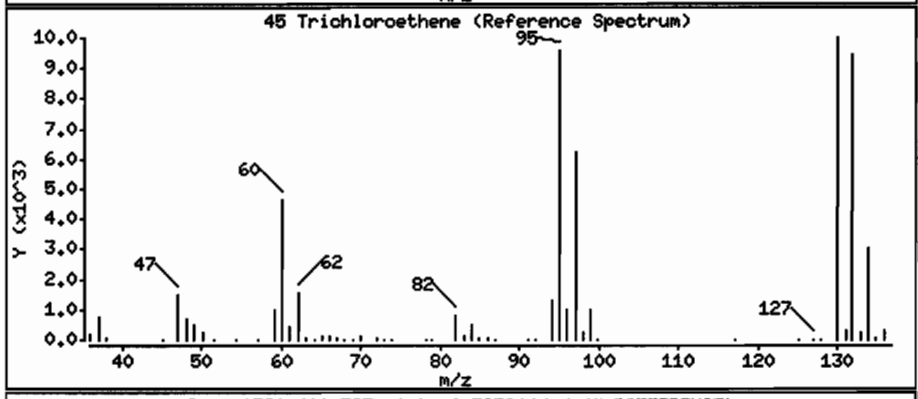
Column diameter: 0.32

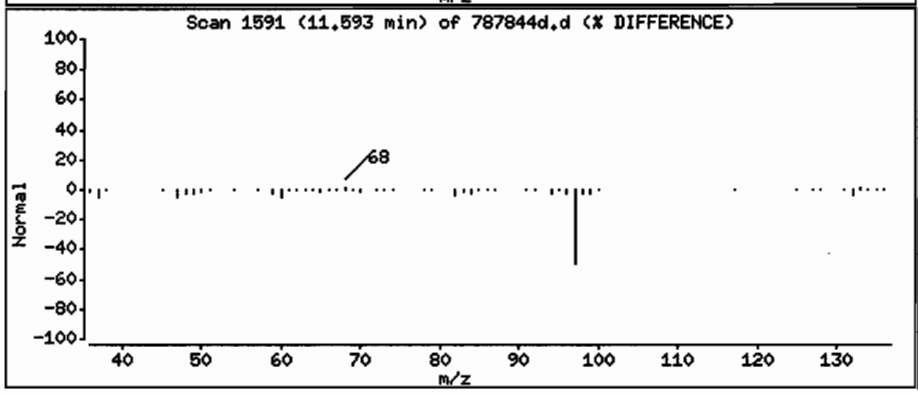
45 Trichloroethene

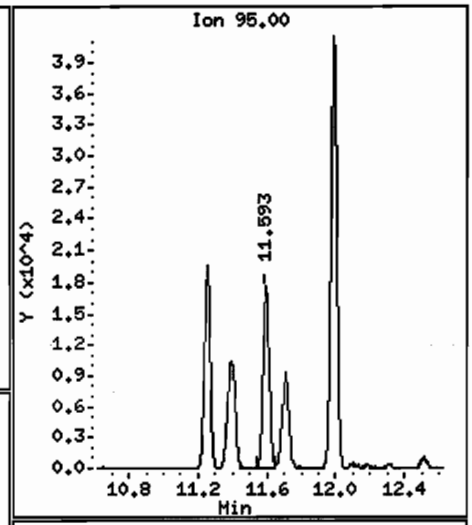
Concentration: 98 ppbv

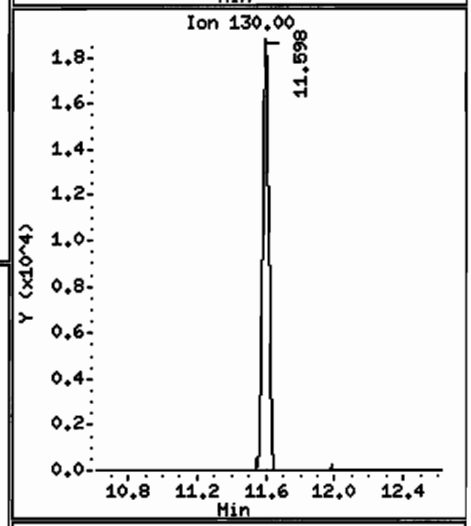


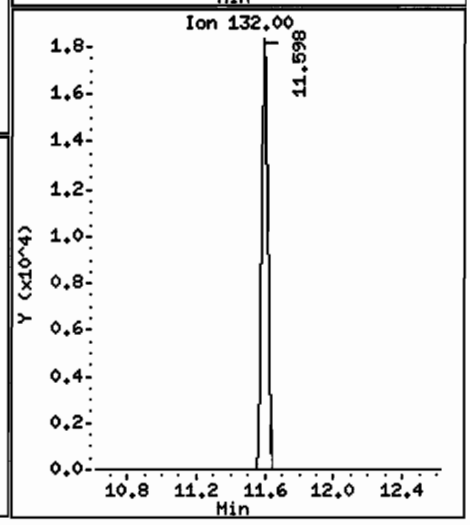












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)

Purge Volume: 34.0

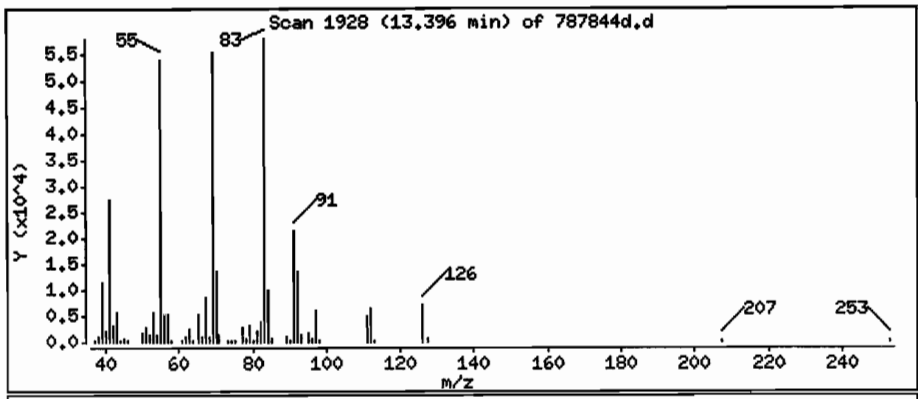
Operator: njr

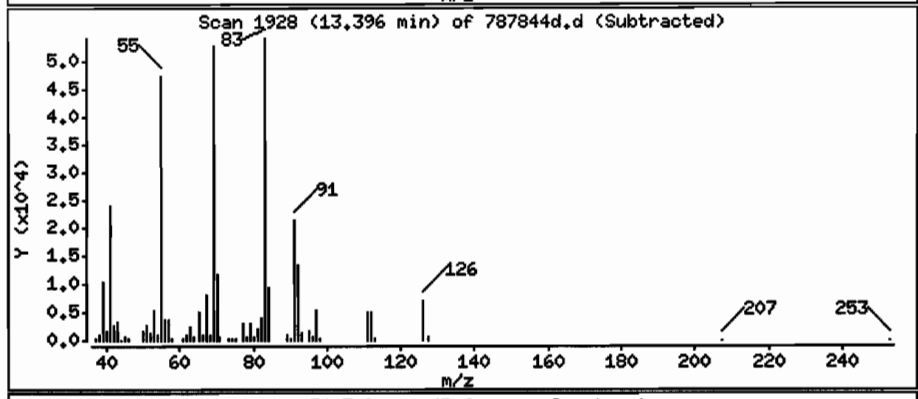
Column phase: RTX-624

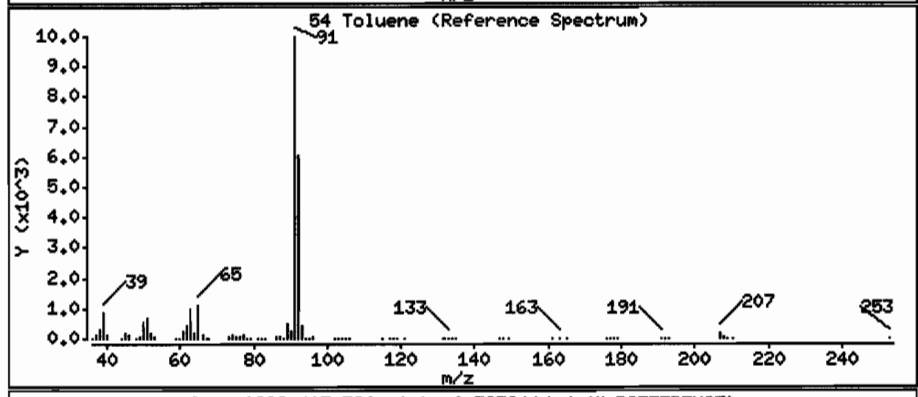
Column diameter: 0.32

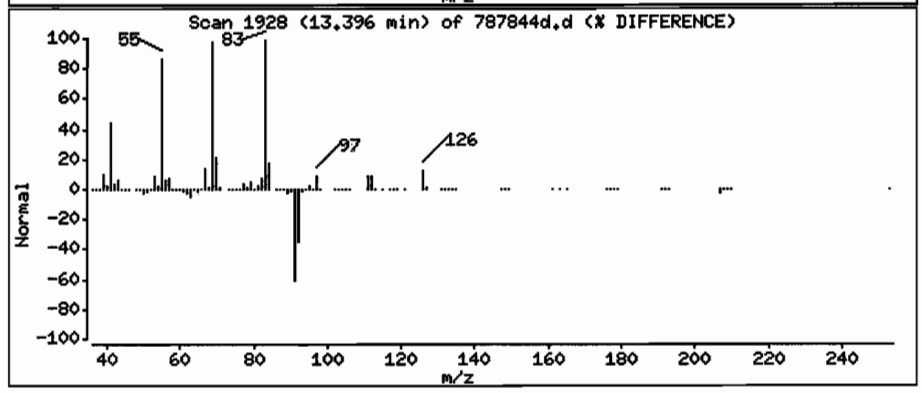
54 Toluene

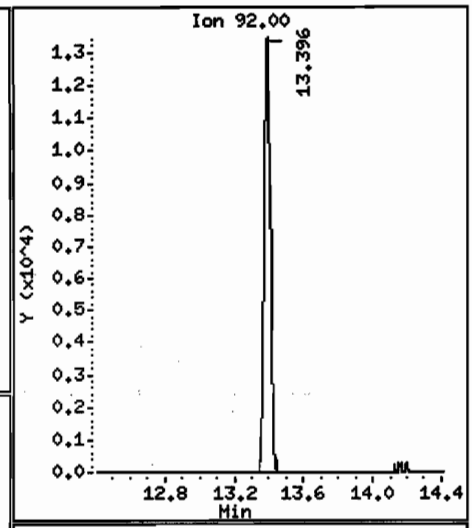
Concentration: 60 ppbv

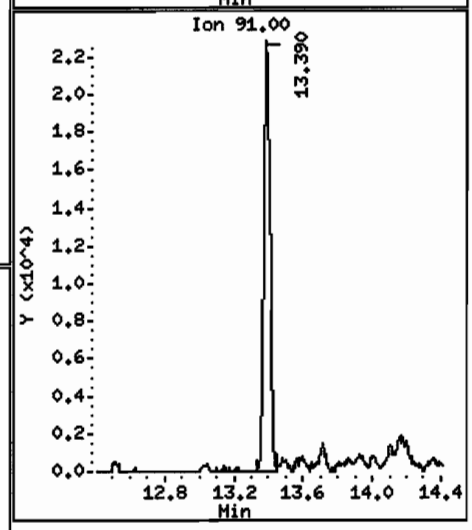












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)

Purge Volume: 34.0

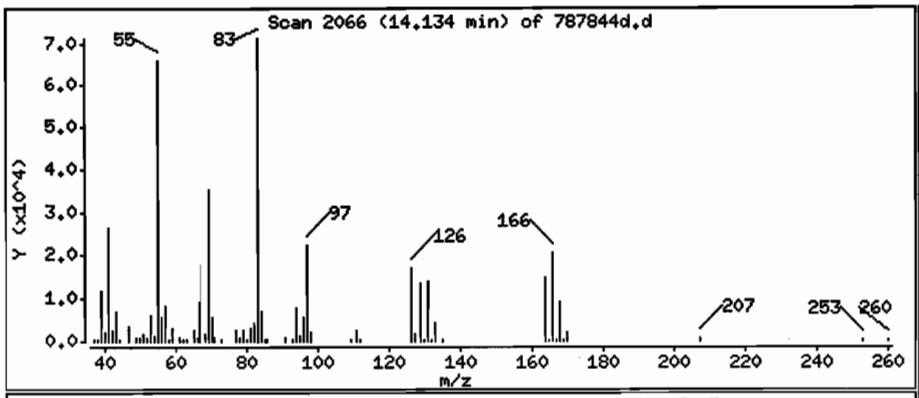
Operator: njr

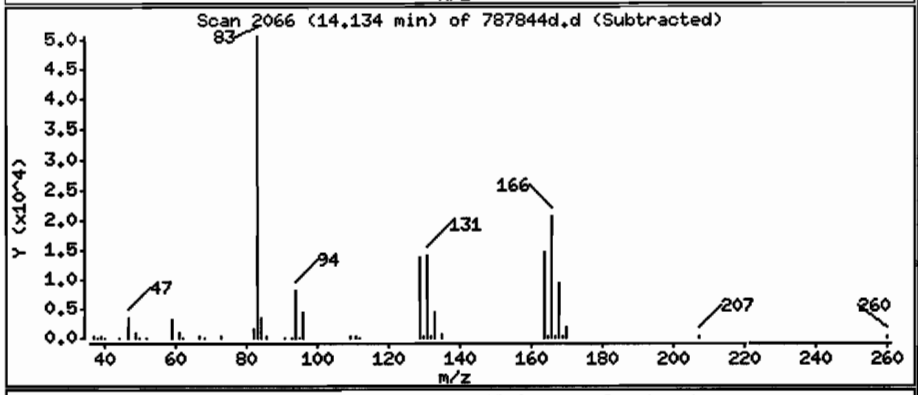
Column phase: RTX-624

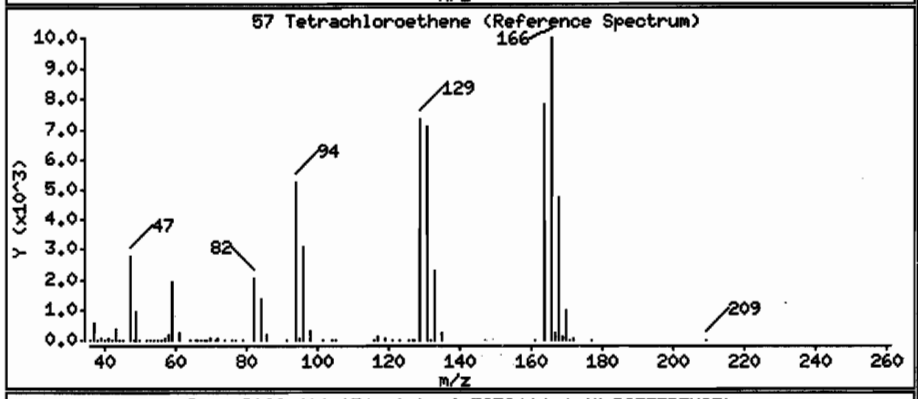
Column diameter: 0.32

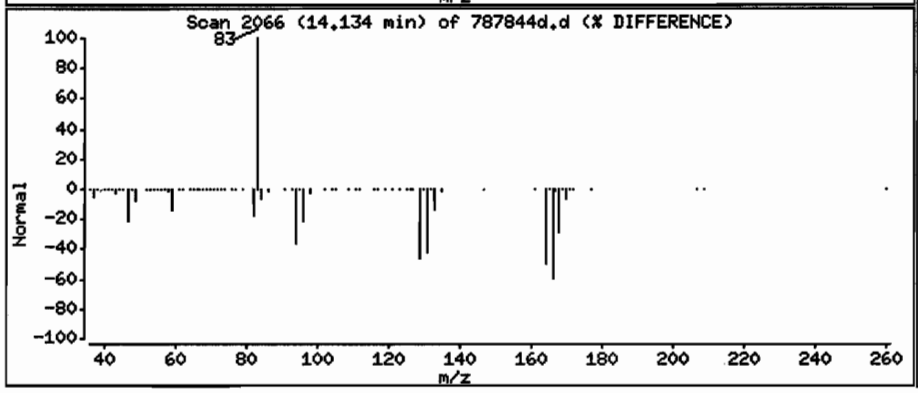
57 Tetrachloroethene

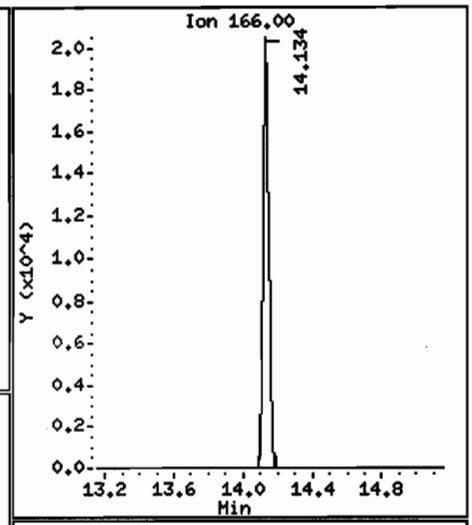
Concentration: 74 ppbv

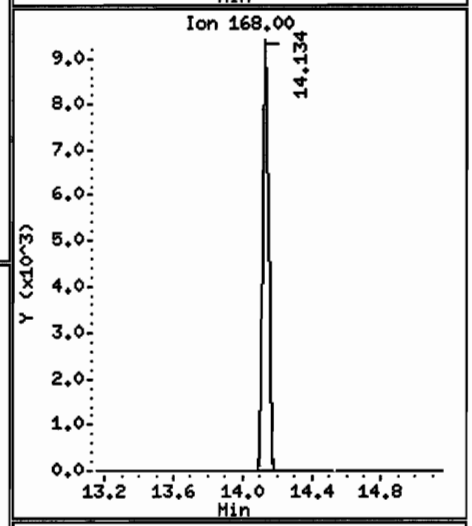


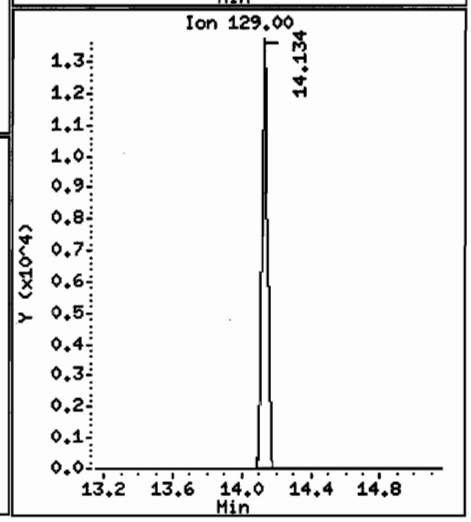












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)

Purge Volume: 34.0

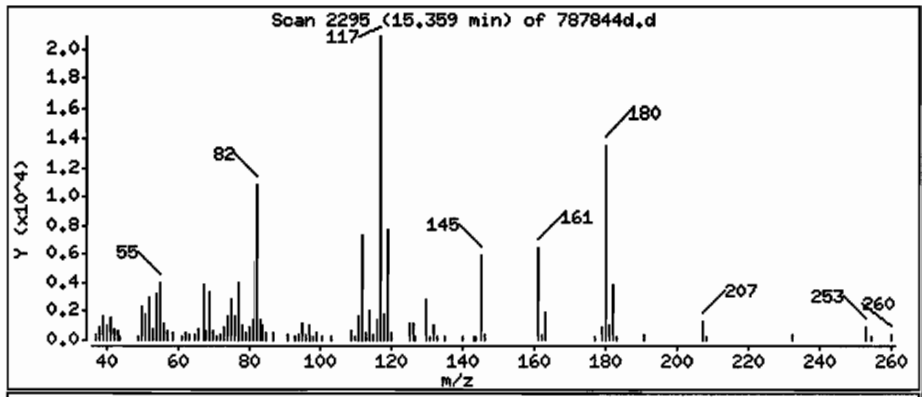
Operator: njr

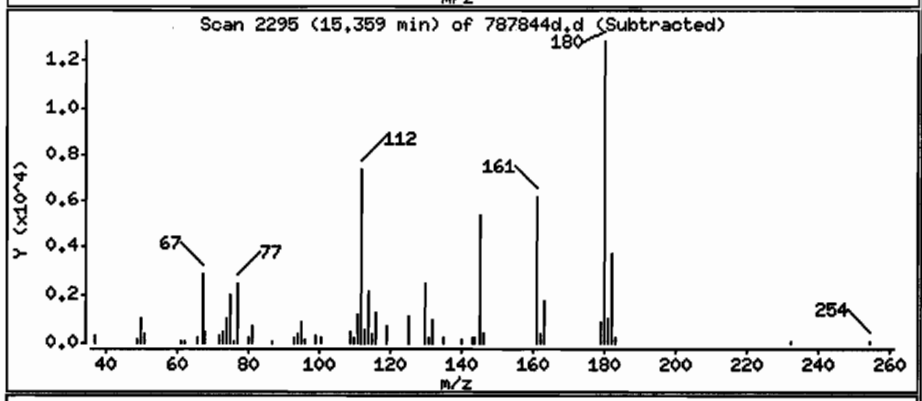
Column phase: RTX-624

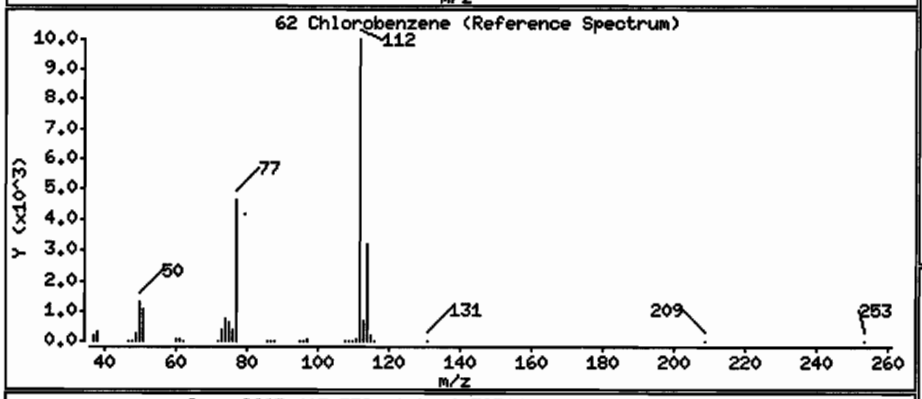
Column diameter: 0.32

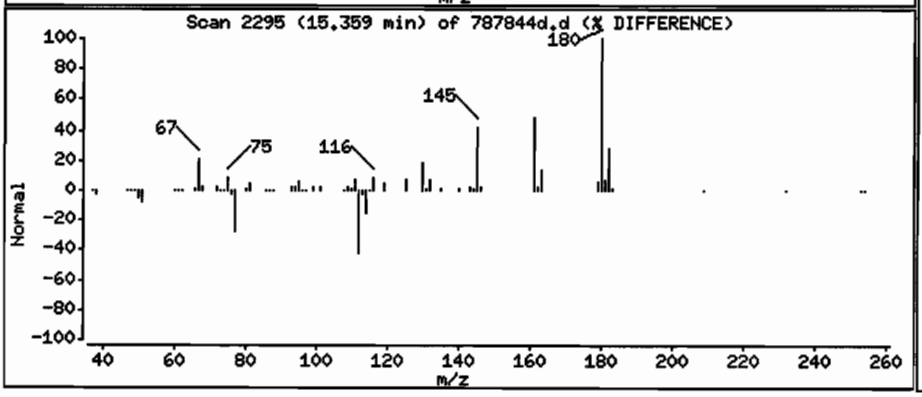
62 Chlorobenzene

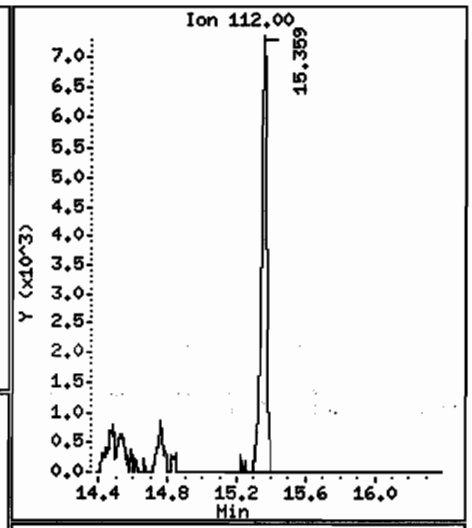
Concentration: 21 ppbv

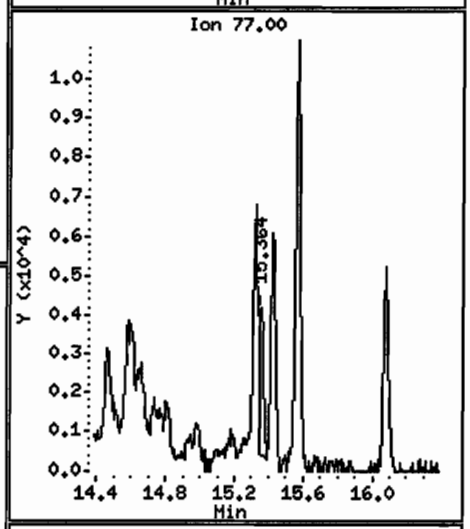


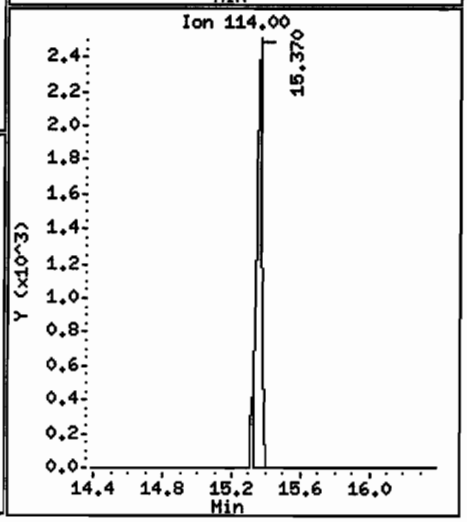












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)

Purge Volume: 34.0

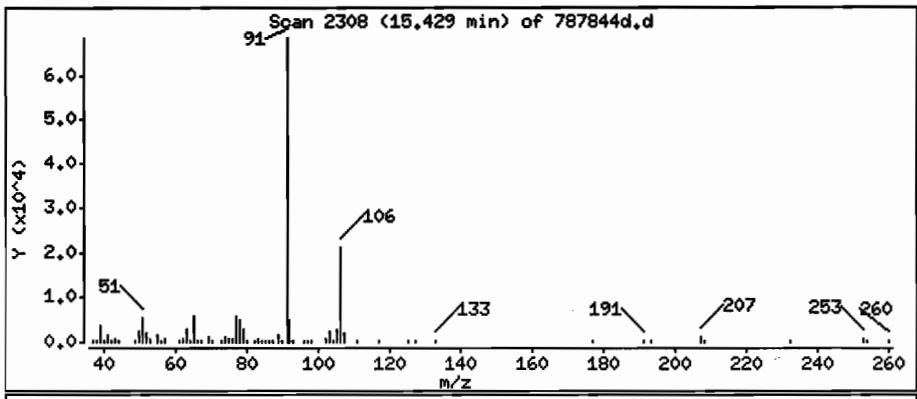
Operator: njr

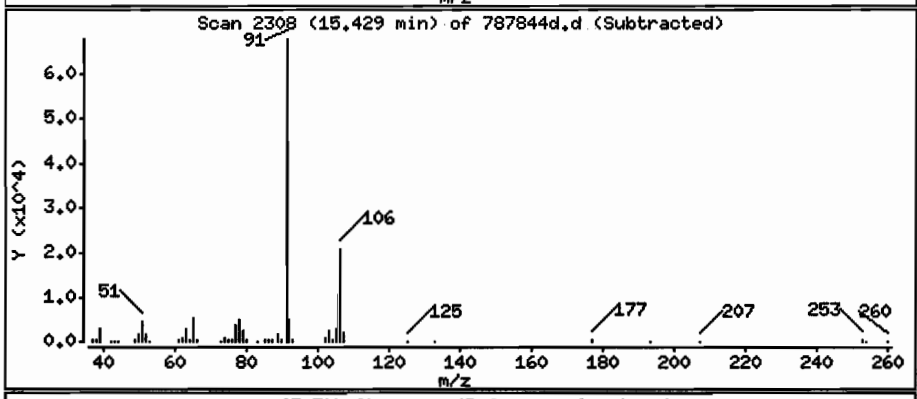
Column phase: RTX-624

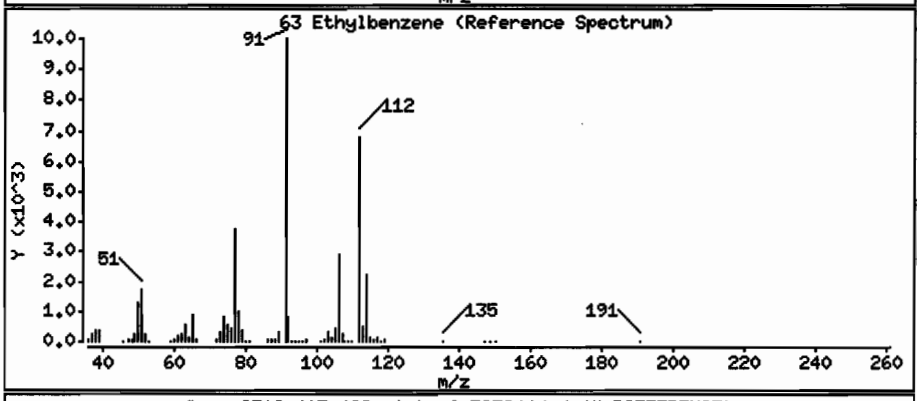
Column diameter: 0.32

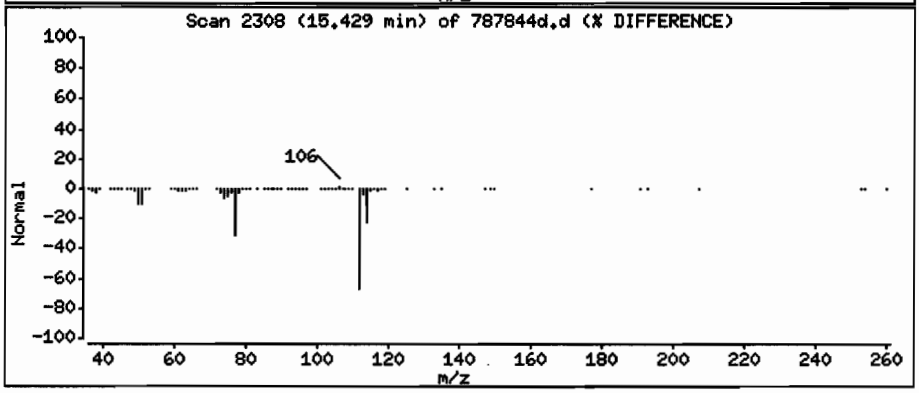
63 Ethylbenzene

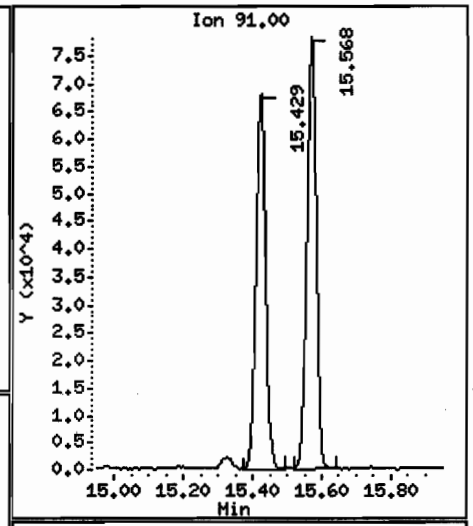
Concentration: 120 ppbv

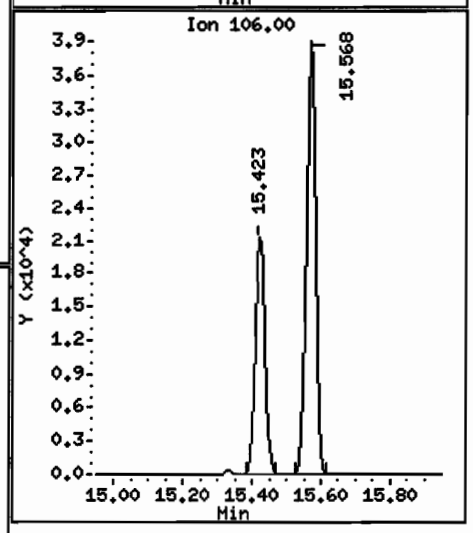












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)

Purge Volume: 34.0

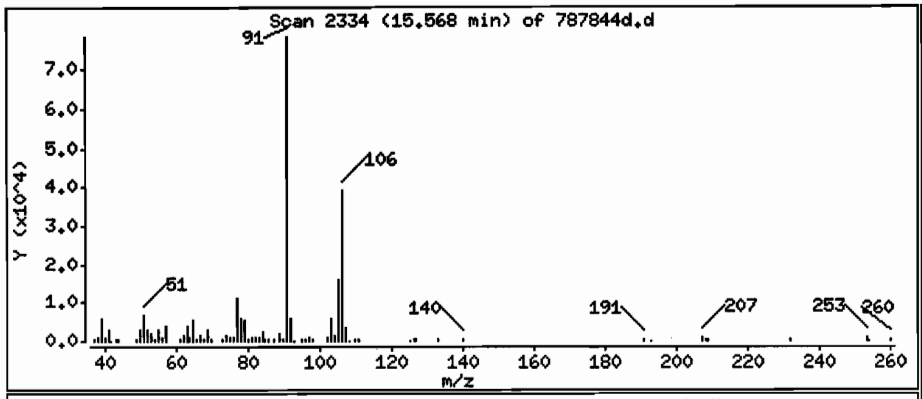
Operator: njr

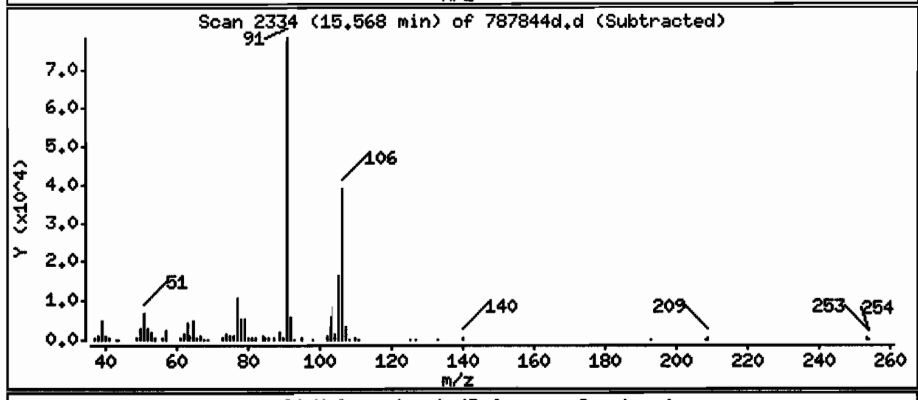
Column phase: RTX-624

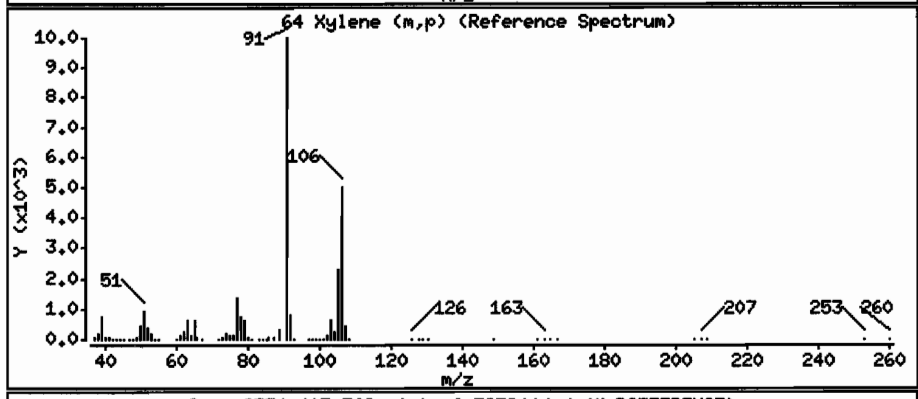
Column diameter: 0.32

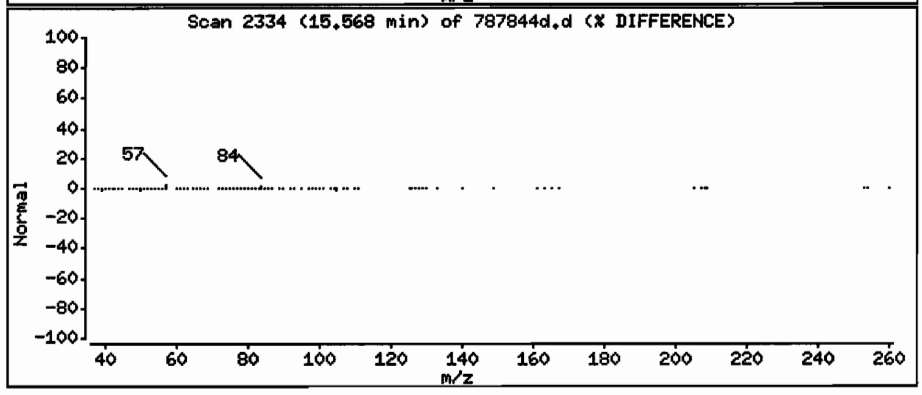
64 Xylene (m,p)

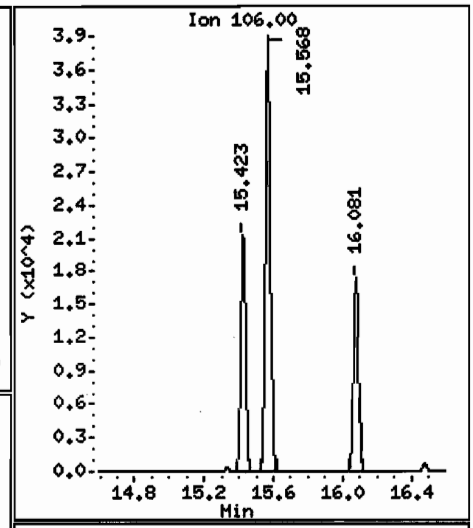
Concentration: 170 ppbv

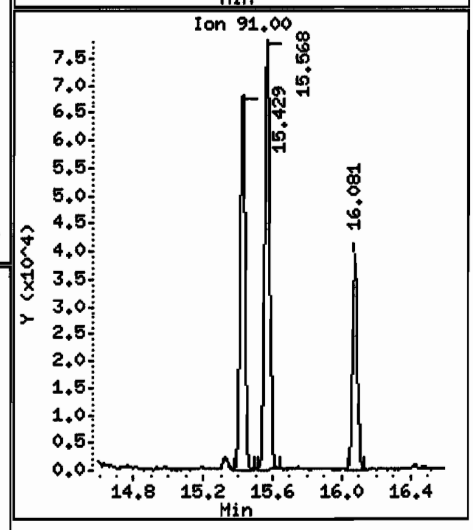












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787844d.d

Date : 13-MAR-2009 01:21

Client ID: VP-35V6.5N

Instrument: G.i

Sample Info: 20090306VP-35V6.5N :[ ]03/06/09 @1050(AIR)

Purge Volume: 34.0

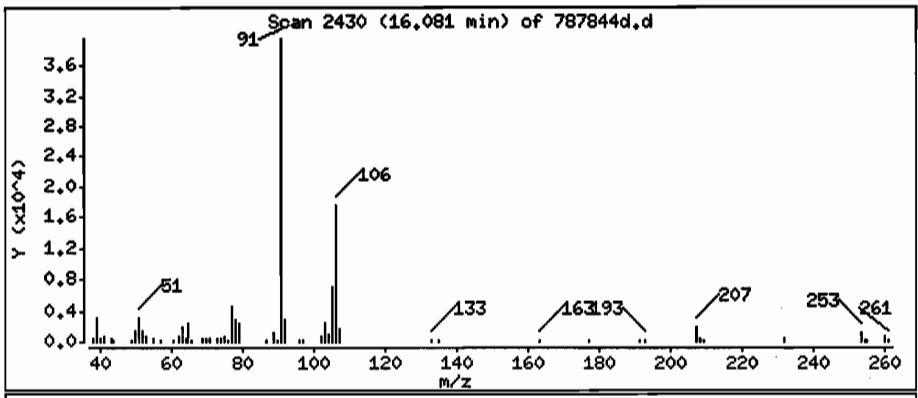
Operator: njr

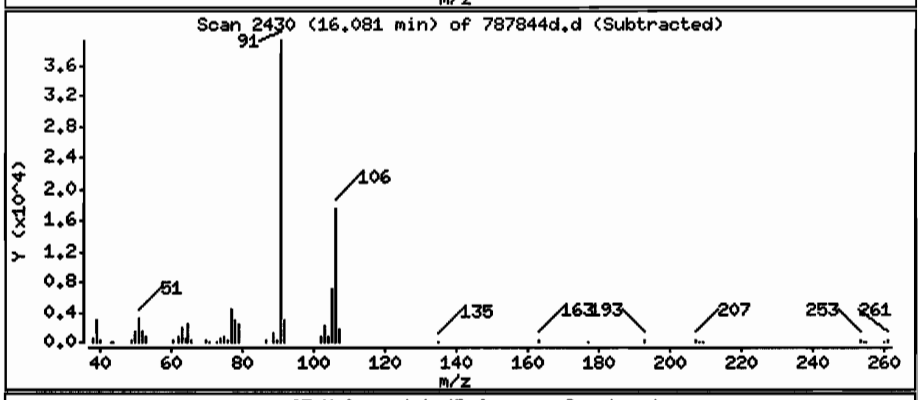
Column phase: RTX-624

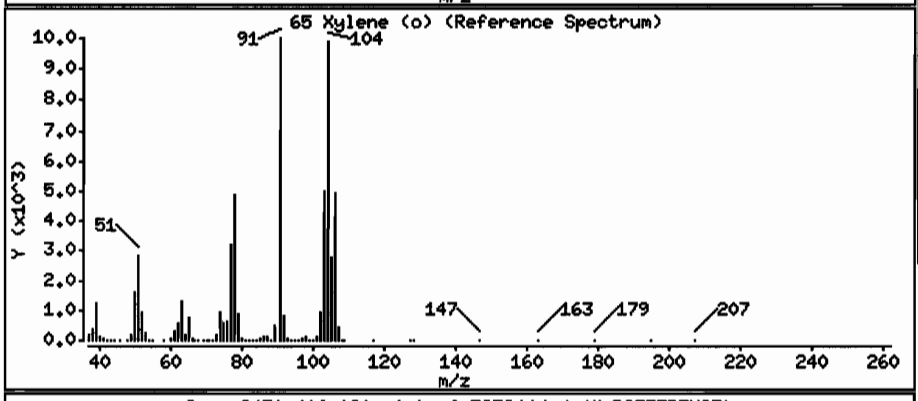
Column diameter: 0.32

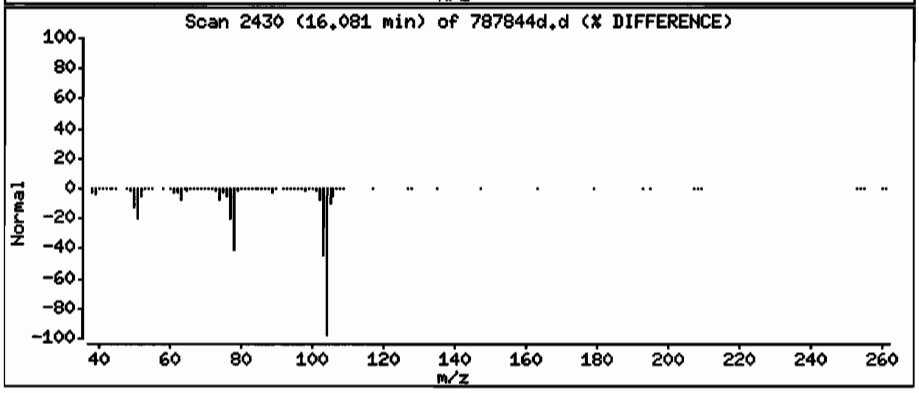
65 Xylene (o)

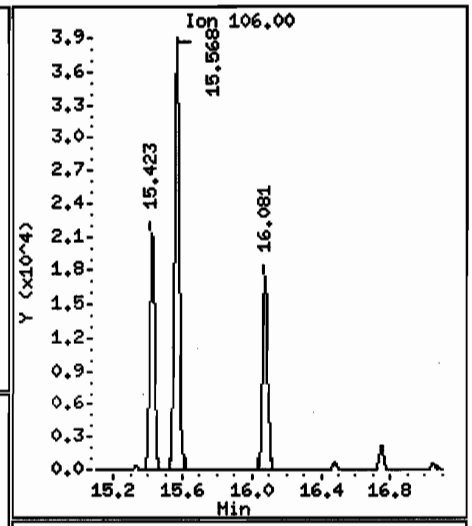
Concentration: 77 ppbv

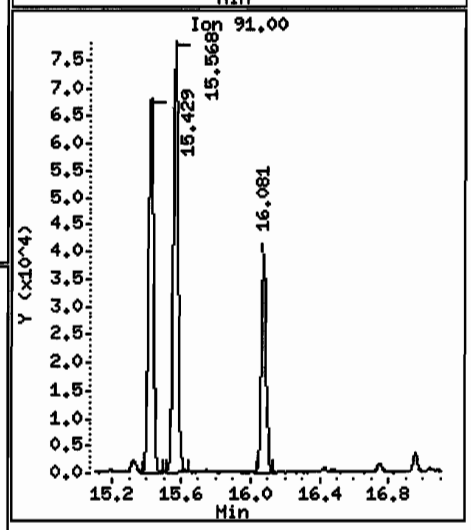










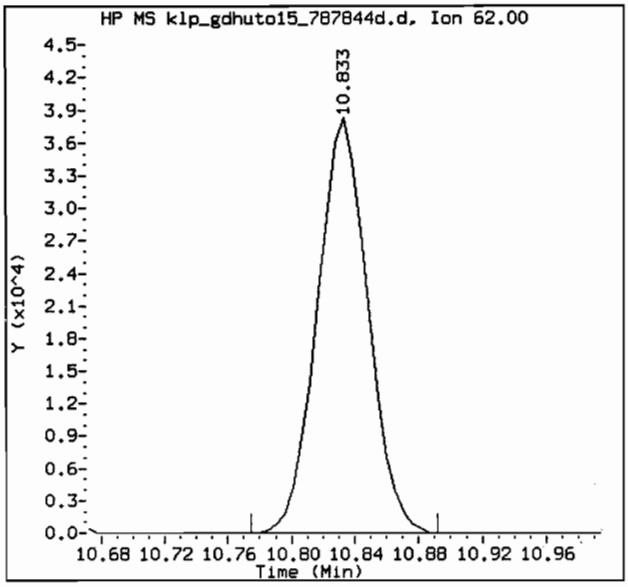


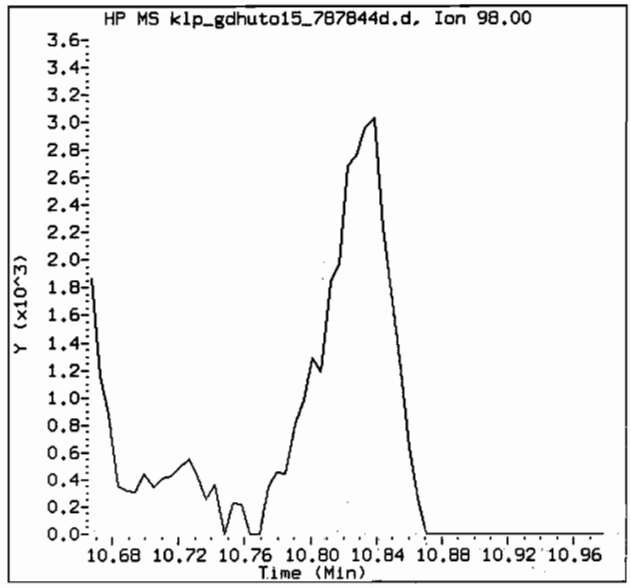
MANUAL INTEGRATION REPORT

Data File Name: 787844d.d
Client Sample ID: VP-35V6.5N
Compound Name: 1,2-Dichloroethane

Inj. Date and Time: 13-MAR-2009 01:21
Instrument ID: G.i
CAS #: 107-06-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 03/26/2009 12:17

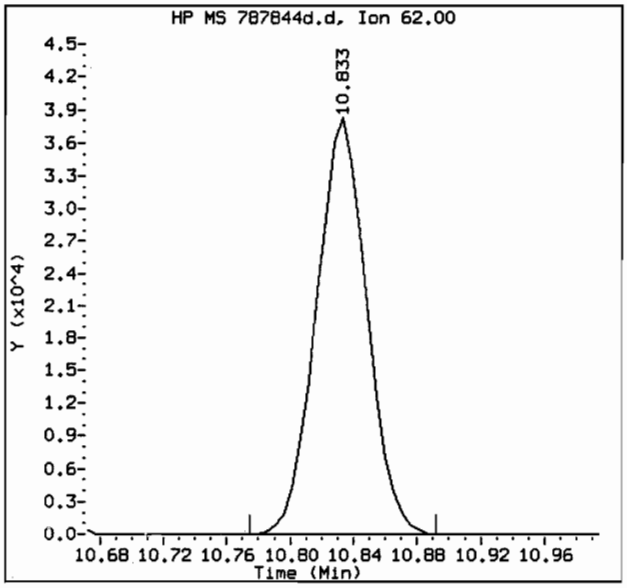


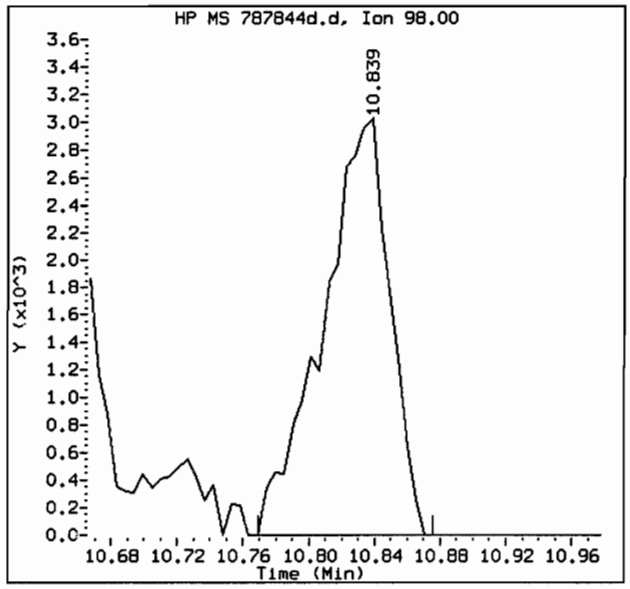


Original Integrations:

Area = 84825

Area = 17611





Final Integrations:

Area = 84825

Area = 8641

Manual Integration Reason: MI2 - Peak missed

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-36V7N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787845

Sample wt/vol: 31.00 (g/mL) ML Lab File ID: 787845D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1630.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	820	U
75-01-4	Vinyl Chloride	330	U
74-83-9	Bromomethane	330	U
75-00-3	Chloroethane	820	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	8200	U
75-15-0	Carbon Disulfide	820	U
75-09-2	Methylene Chloride	820	U
156-60-5	trans-1,2-Dichloroethene	330	U
75-34-3	1,1-Dichloroethane	330	U
78-93-3	Methyl Ethyl Ketone	820	U
156-59-2	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
71-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	330	U
71-43-2	Benzene	360	
107-06-2	1,2-Dichloroethane	330	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	Methyl Isobutyl Ketone	820	U
108-88-3	Toluene	54000	
10061-02-6	trans-1,3-Dichloropropene	330	U
79-00-5	1,1,2-Trichloroethane	330	U
127-18-4	Tetrachloroethene	330	U
591-78-6	Methyl Butyl Ketone	820	U
124-48-1	Dibromochloromethane	330	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	33000	
1330-20-7	Xylene (m,p)	60000	
95-47-6	Xylene (o)	8400	
100-42-5	Styrene	330	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-36V7N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787845

Sample wt/vol: 31.00 (g/mL) ML Lab File ID: 787845D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1630.0

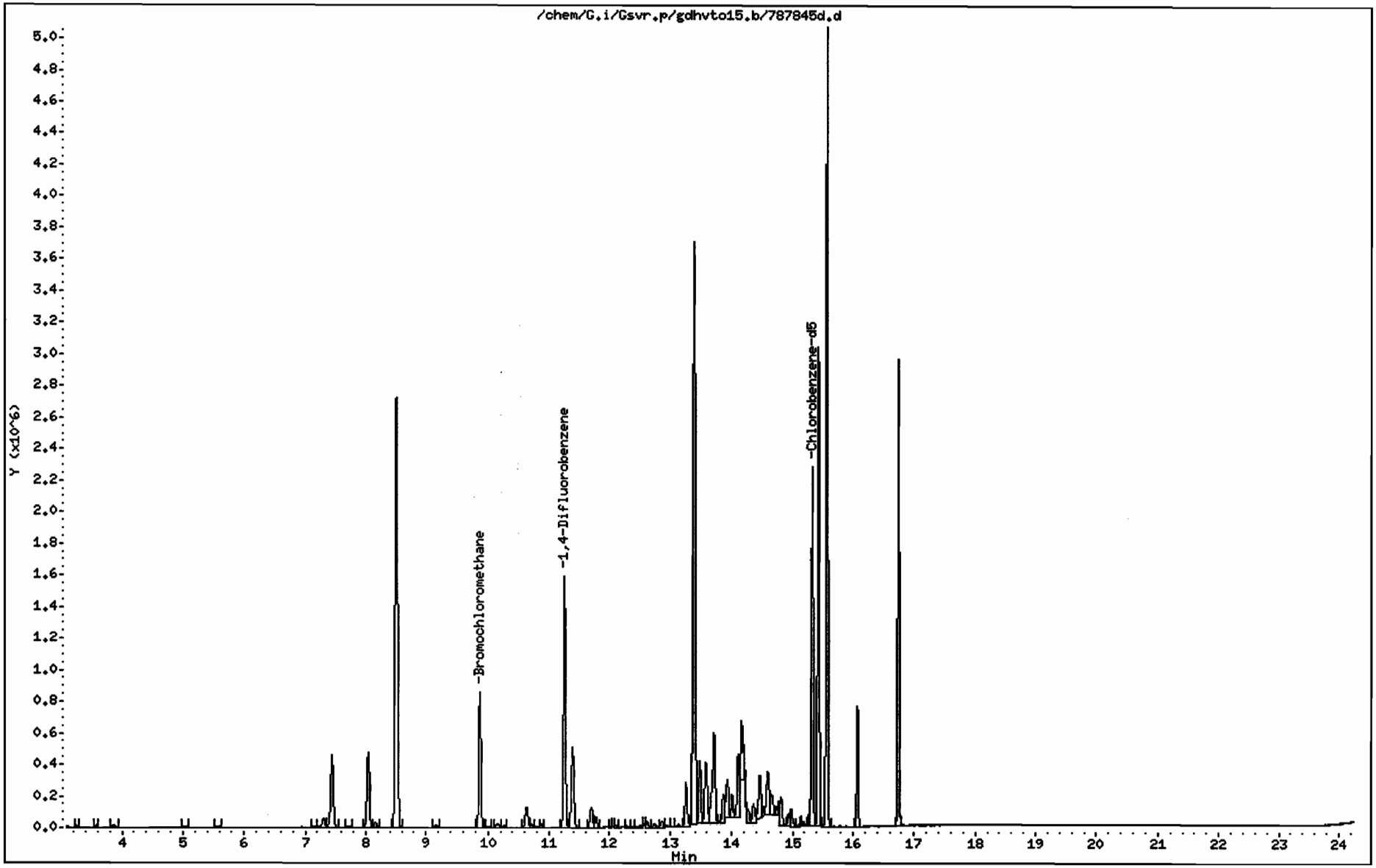
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	330	U
79-34-5	1,1,2,2-Tetrachloroethane	330	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787845d.d
Date : 13-MAR-2009 21:33
Client ID: VP-36V7N
Sample Info: 20090306VP-36V7N :[ ]03/06/09 @1119(AIR)
Purge Volume: 31.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/787845d.d
Lab Smp Id: 787845 Client Smp ID: VP-36V7N
Inj Date : 13-MAR-2009 21:33
Operator : njr Inst ID: G.i
Smp Info : 20090306VP-36V7N :[ ]03/06/09 @1119(AIR)
Misc Info : 787845;031209GA;1630;31;cdf 252
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 16
Dil Factor: 1630.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1630.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	31.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
4 Chloromethane	50	Compound Not Detected.						
6 Vinyl Chloride	62	Compound Not Detected.						
9 Bromomethane	94	Compound Not Detected.						
10 Chloroethane	64	Compound Not Detected.						
18 1,1-Dichloroethene	96	Compound Not Detected.						
19 Acetone	43	Compound Not Detected.						
21 Carbon Disulfide	76	Compound Not Detected.						
24 Methylene Chloride	49	Compound Not Detected.						
27 trans-1,2-Dichloroethene	61	Compound Not Detected.						
29 1,1-Dichloroethane	63	Compound Not Detected.						
30 Methyl Ethyl Ketone	72	Compound Not Detected.						
31 cis-1,2-Dichloroethene	96	Compound Not Detected.						
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	329304	10.0000		(Q)
34 Chloroform	83	Compound Not Detected.						
35 1,1,1-Trichloroethane	97	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	10.699	10.732	(0.951)	19050	0.21866	360
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1741121	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.390	13.412	(0.874)	1975581	33.2668	54000
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.322	15.348	(1.000)	1637830	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	15.423	15.450	(1.007)	2674890	20.3520	33000
64 Xylene (m,p)	106	15.568	15.594	(1.016)	1840145	36.5154	60000
65 Xylene (o)	106	16.076	16.103	(1.049)	251860	5.13228	8400
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787845d.d

Date : 13-MAR-2009 21:33

Client ID: VP-36V7N

Instrument: G.i

Sample Info: 20090306VP-36V7N :[ ]03/06/09 @1119(AIR)

Purge Volume: 31.0

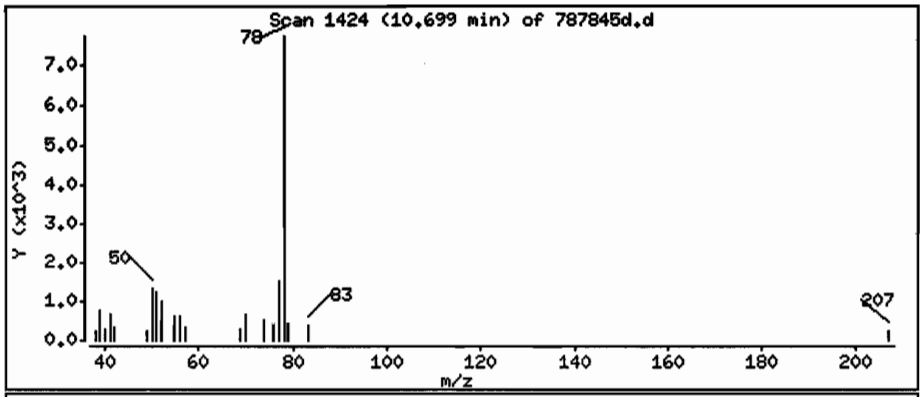
Operator: njr

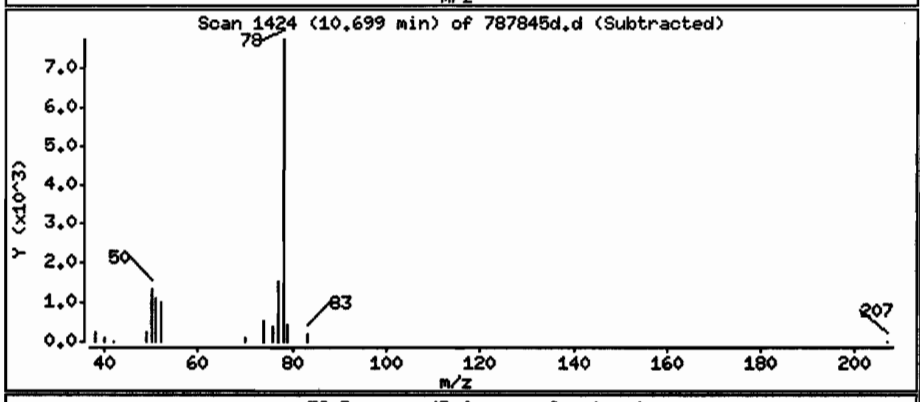
Column phase: RTX-624

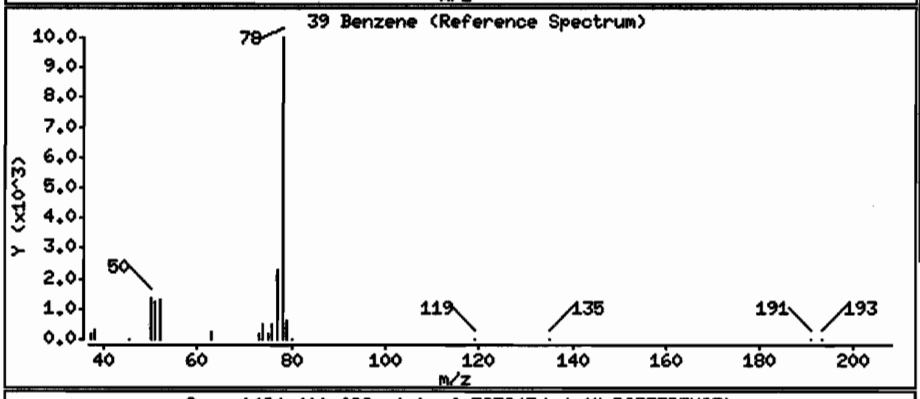
Column diameter: 0.32

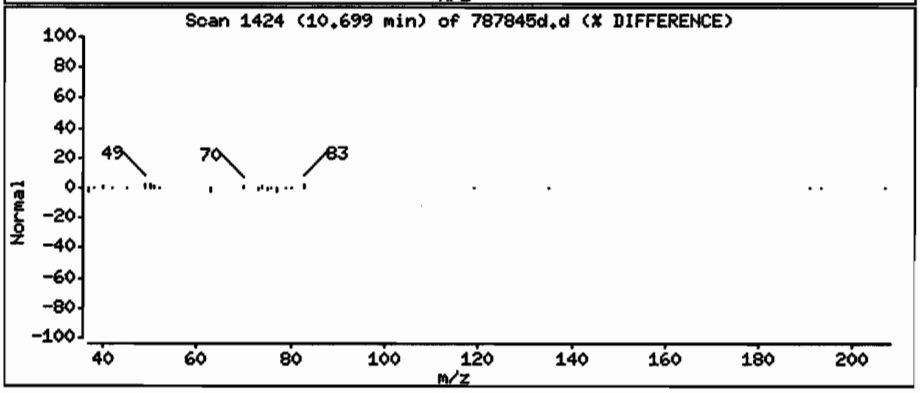
39 Benzene

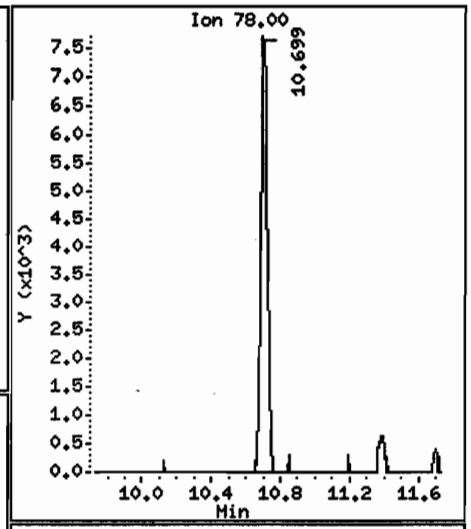
Concentration: 360 ppbv

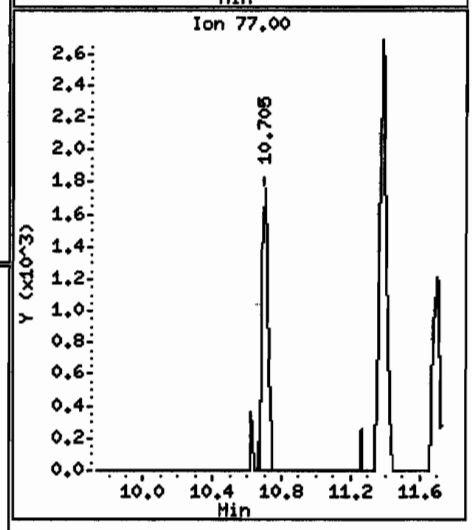












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787845d.d

Date : 13-MAR-2009 21:33

Client ID: VP-36V7N

Instrument: G.i

Sample Info: 20090306VP-36V7N :[103/06/09 @1119(AIR)

Purge Volume: 31.0

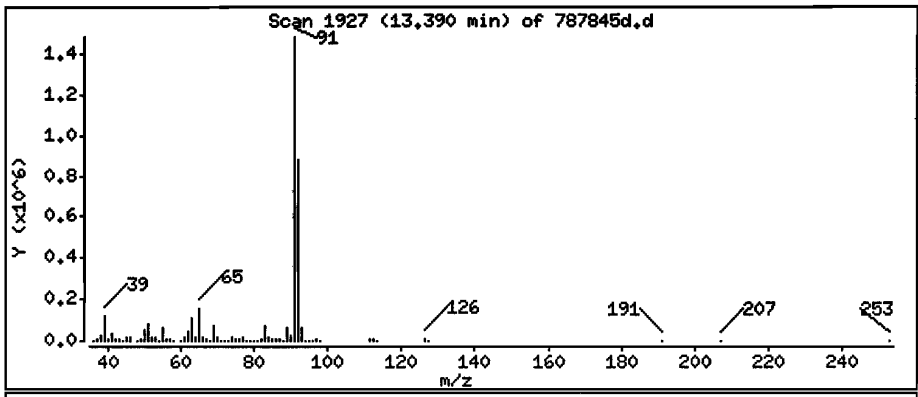
Operator: njr

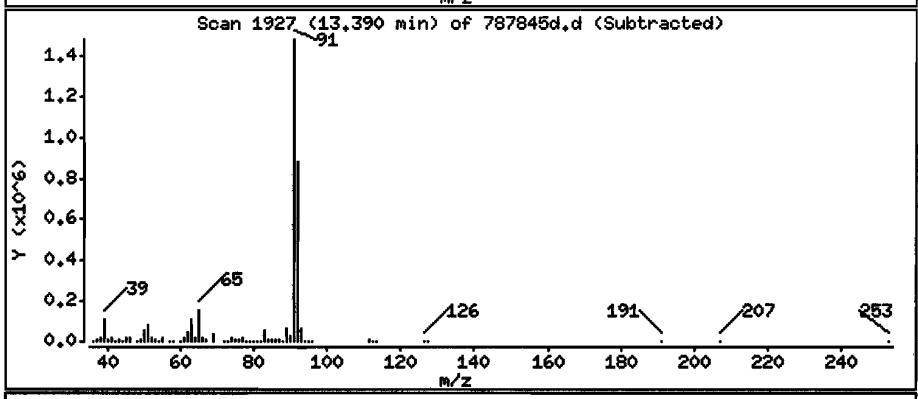
Column phase: RTX-624

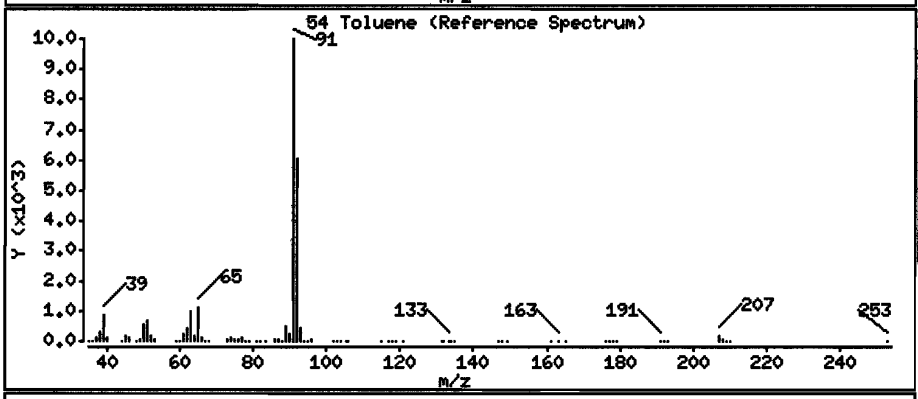
Column diameter: 0.32

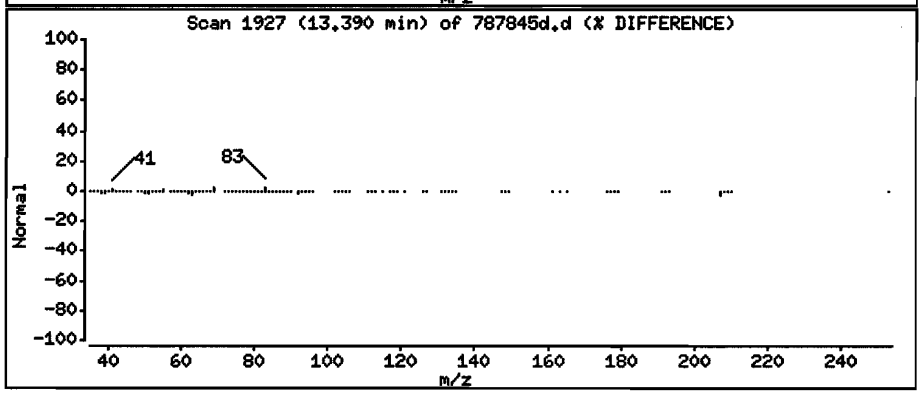
54 Toluene

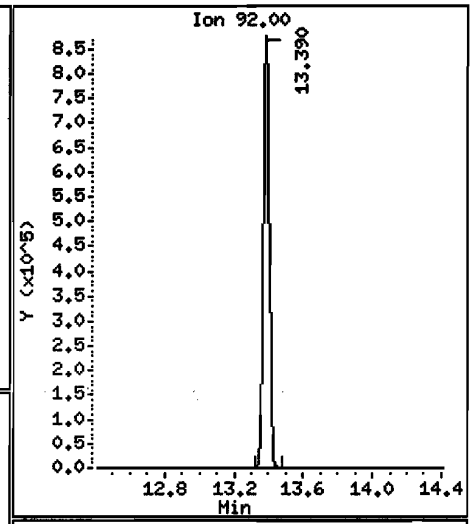
Concentration: 54000 ppbv

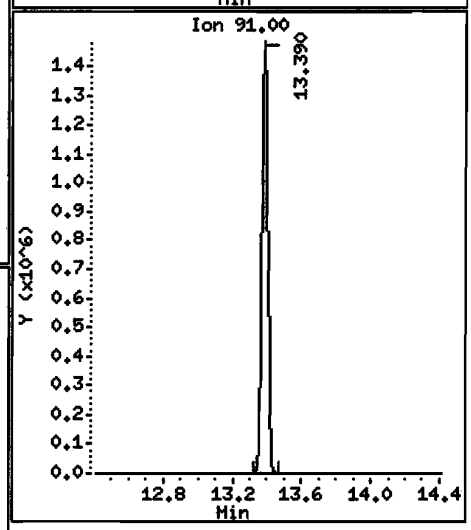












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787845d.d

Date : 13-MAR-2009 21:33

Client ID: VP-36V7N

Instrument: G.i

Sample Info: 20090306VP-36V7N :[J03/06/09 @1119(AIR)

Purge Volume: 31.0

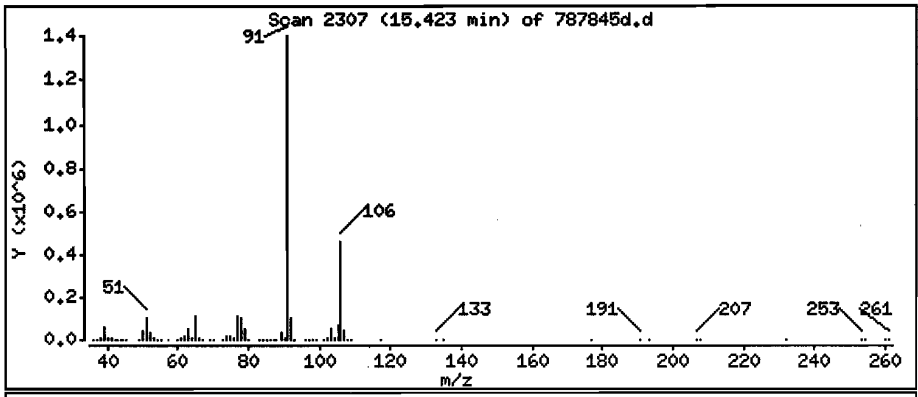
Operator: njr

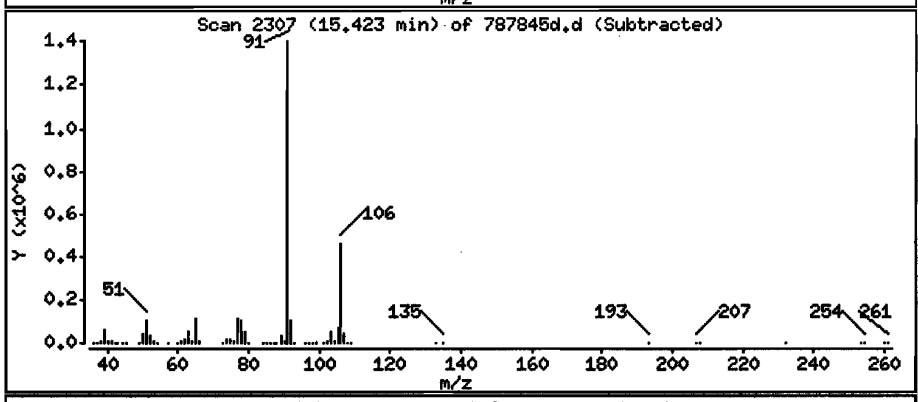
Column phase: RTX-624

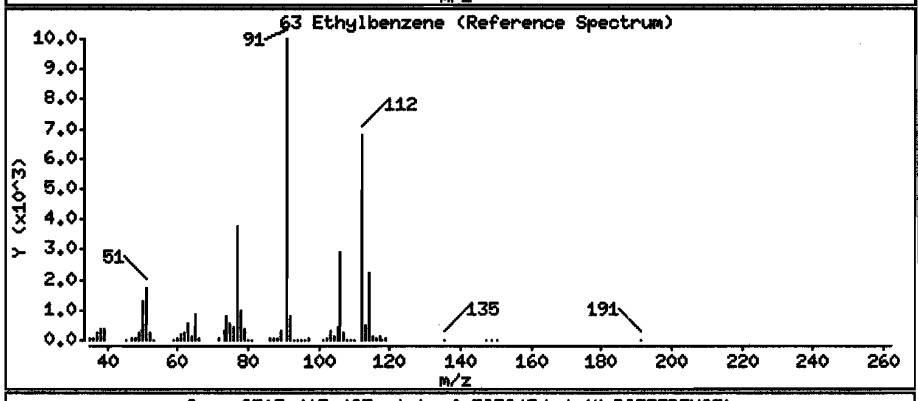
Column diameter: 0.32

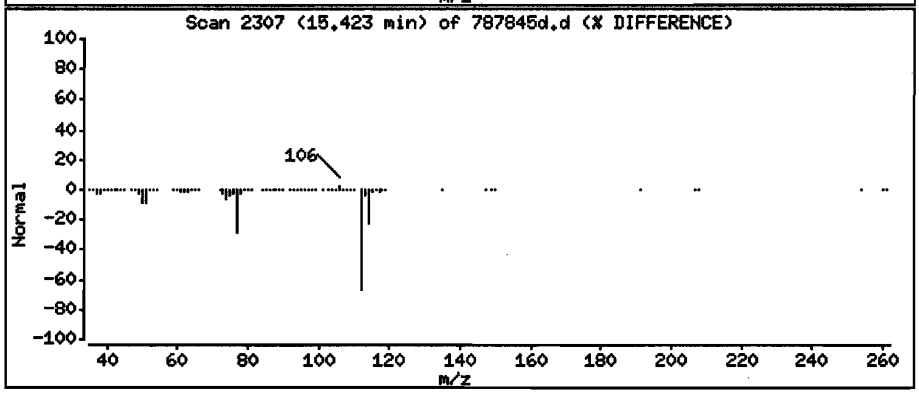
63 Ethylbenzene

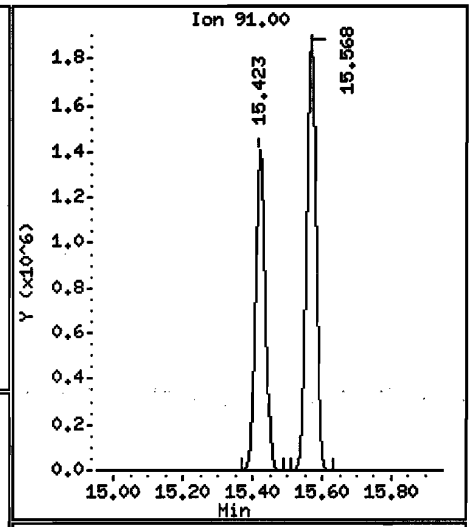
Concentration: 33000 ppbv

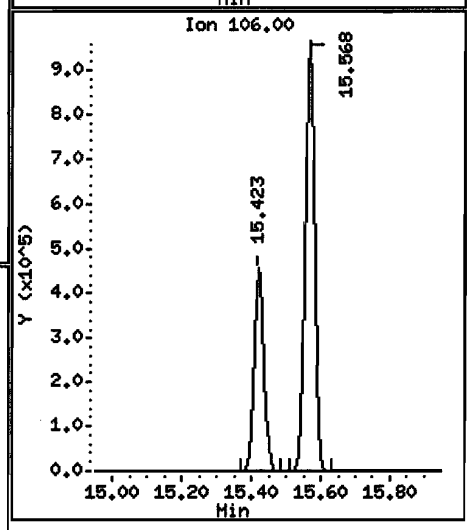












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787845d.d

Date : 13-MAR-2009 21:33

Client ID: VP-36V7N

Instrument: G.i

Sample Info: 20090306VP-36V7N :[ ]03/06/09 @1119(AIR)

Purge Volume: 31.0

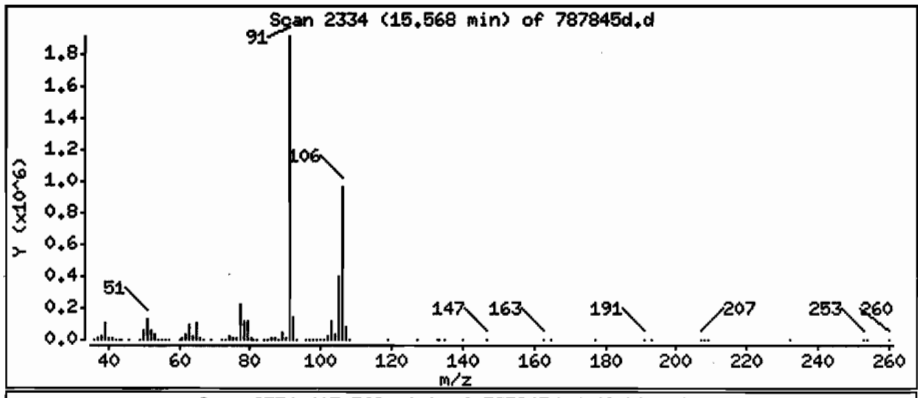
Operator: njr

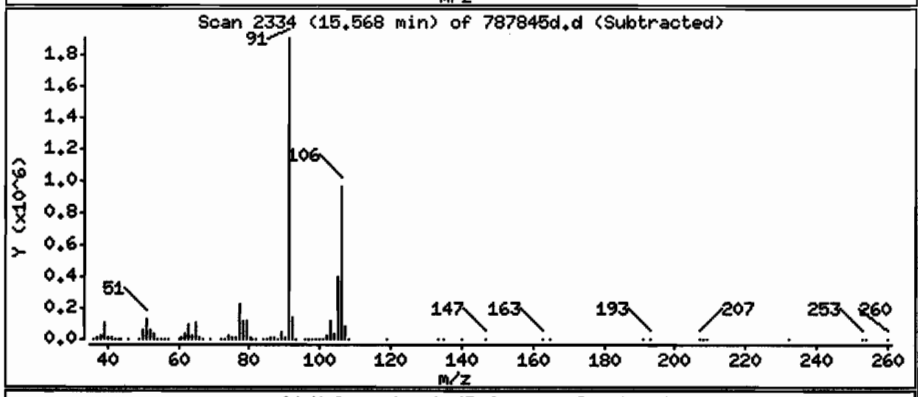
Column phase: RTX-624

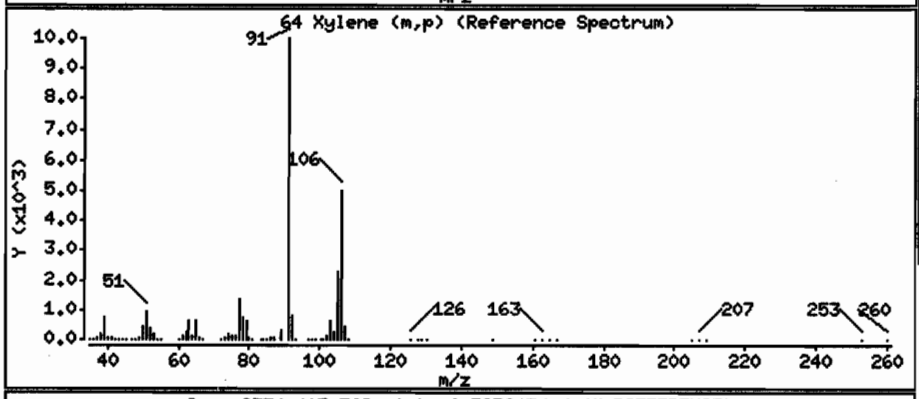
Column diameter: 0.32

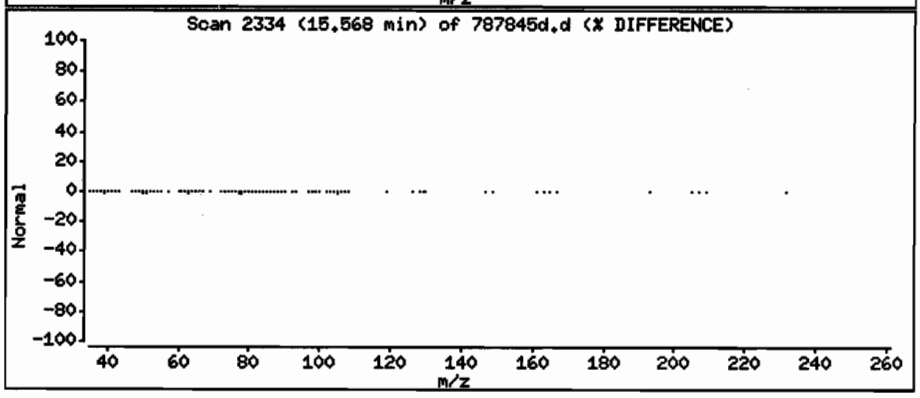
64 Xylene (m,p)

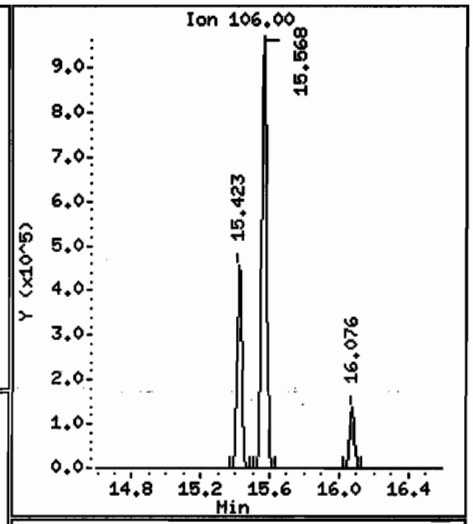
Concentration: 60000 ppbv

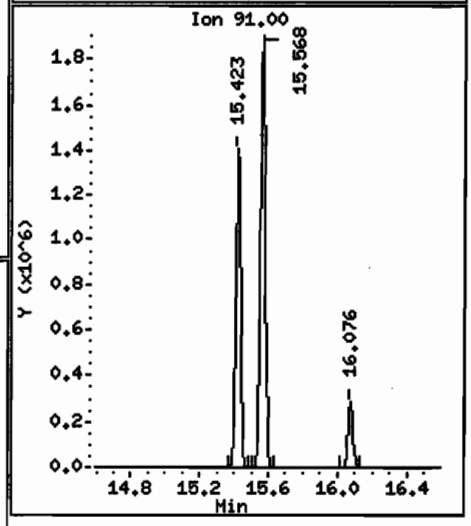












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787845d.d

Date : 13-MAR-2009 21:33

Client ID: VP-36V7N

Instrument: G.i

Sample Info: 20090306VP-36V7N :[ ]03/06/09 @1119(AIR)

Purge Volume: 31.0

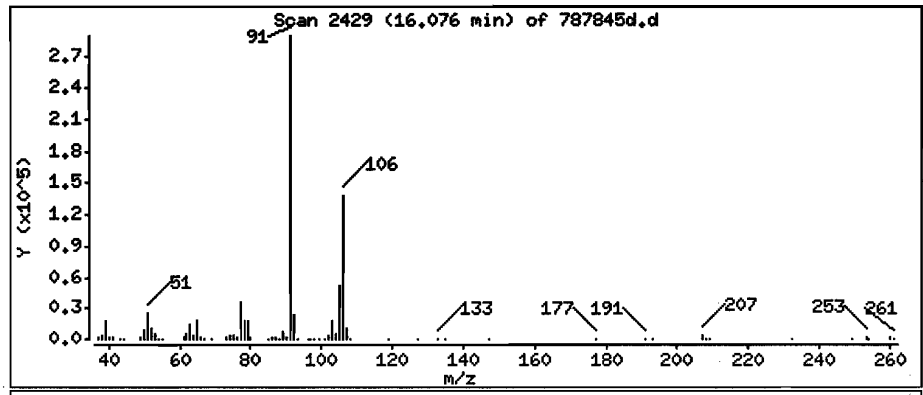
Operator: njr

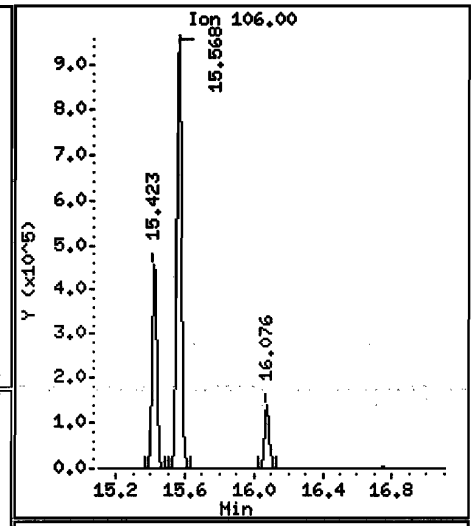
Column phase: RTX-624

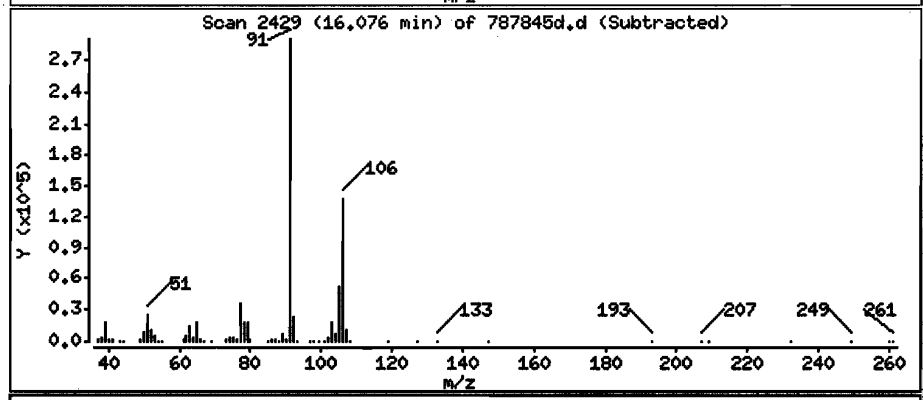
Column diameter: 0.32

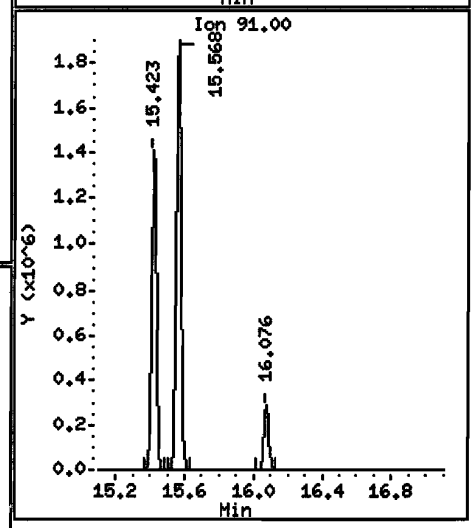
65 Xylene (o)

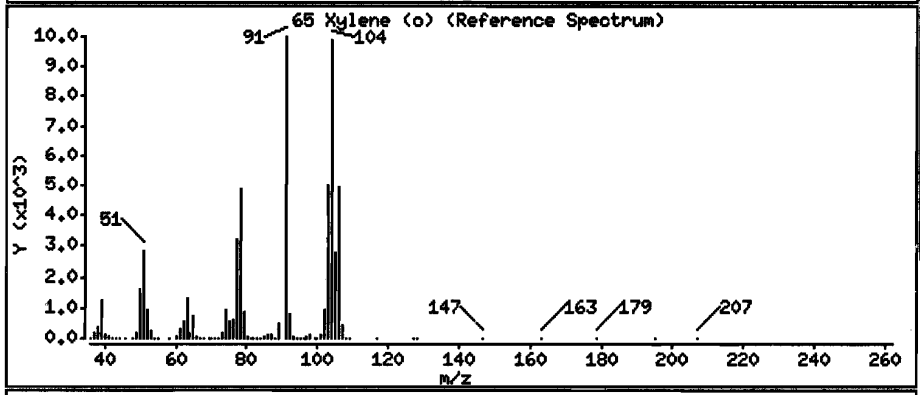
Concentration: 8400 ppbv

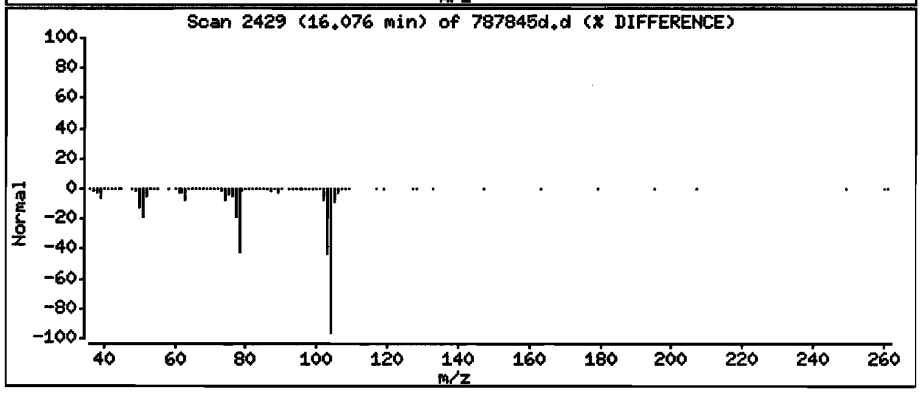












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-37V11.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787840

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 787840D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1270.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	640	U
75-01-4	Vinyl Chloride	600	
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	640	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	6400	U
75-15-0	Carbon Disulfide	640	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	250	U
75-34-3	1,1-Dichloroethane	250	U
78-93-3	Methyl Ethyl Ketone	640	U
156-59-2	cis-1,2-Dichloroethene	580	
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	250	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	250	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	Methyl Isobutyl Ketone	640	U
108-88-3	Toluene	19000	
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U
127-18-4	Tetrachloroethene	250	U
591-78-6	Methyl Butyl Ketone	640	U
124-48-1	Dibromochloromethane	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	40000	
1330-20-7	Xylene (m,p)	72000	
95-47-6	Xylene (o)	2600	
100-42-5	Styrene	250	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-37V11.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787840

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 787840D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1270.0

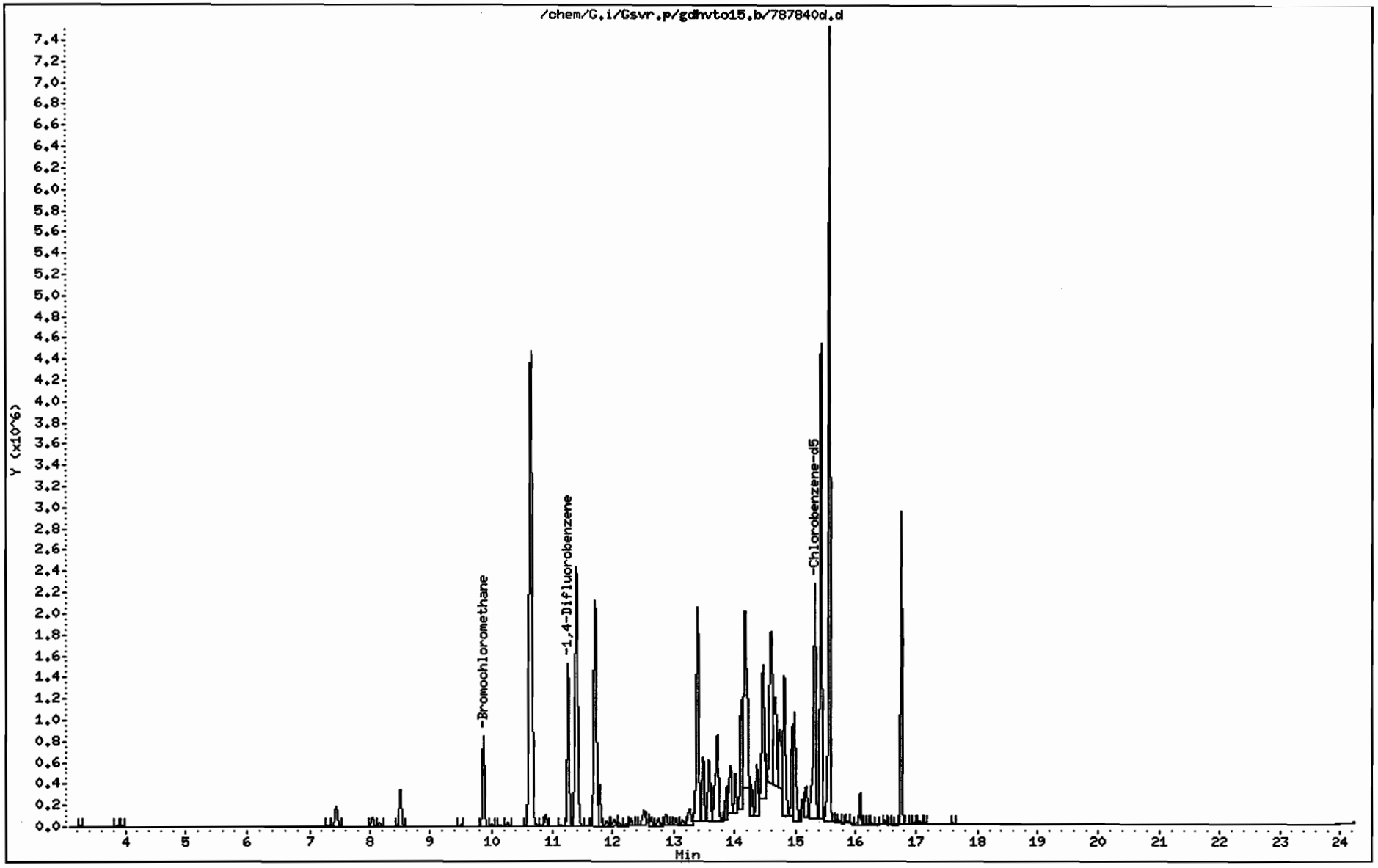
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787840d.d
Date : 13-MAR-2009 19:09
Client ID: VP-37V11.5N
Sample Info: 20090305VP-37V11.5N :[103/05/09 @1337(AIR)
Purge Volume: 40.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/787840d.d
Lab Smp Id: 787840 Client Smp ID: VP-37V11.5N
Inj Date : 13-MAR-2009 19:09
Operator : njr Inst ID: G.i
Smp Info : 20090305VP-37V11.5N :[ ]03/05/09 @1337(AIR)
Misc Info : 787840;031209GA;1270;40;cdf 253
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 13
Dil Factor: 1270.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1270.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.943	3.943	(0.399)	9433	0.47046	600
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	11572	0.45571	580
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	319269	10.0000	(Q)
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1654062	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.390	13.412	(0.874)	866908	15.0650	19000
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1587044	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	15.429	15.450	(1.007)	3981890	31.2658	40000
64 Xylene (m,p)	106	15.568	15.594	(1.016)	2768734	56.7002	72000
65 Xylene (o)	106	16.076	16.103	(1.049)	98196	2.06502	2600(M)
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787840d.d

Date : 13-MAR-2009 19:09

Client ID: VP-37V11.5N

Instrument: G.i

Sample Info: 20090305VP-37V11.5N :[ ]03/05/09 @1337(AIR)

Purge Volume: 40.0

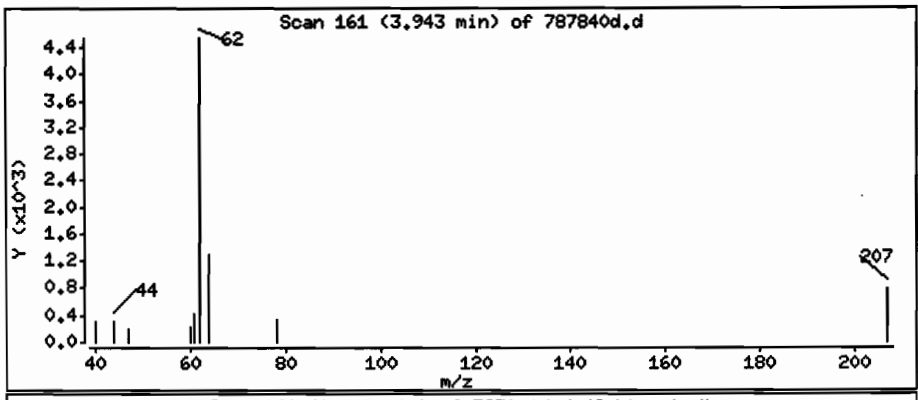
Operator: njr

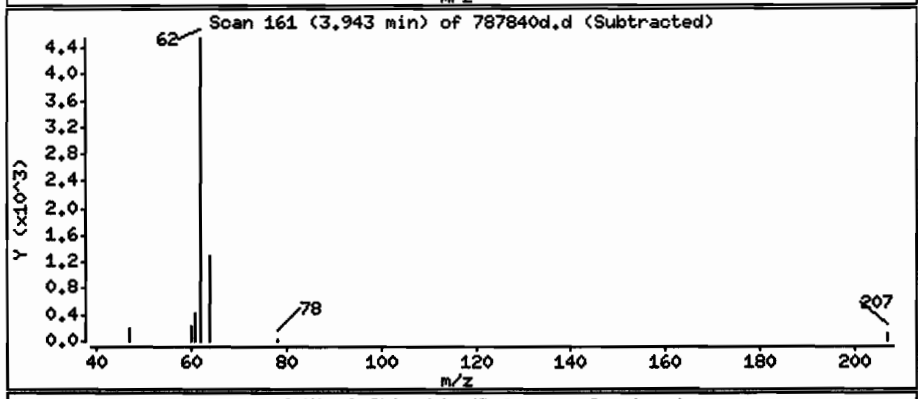
Column phase: RTX-624

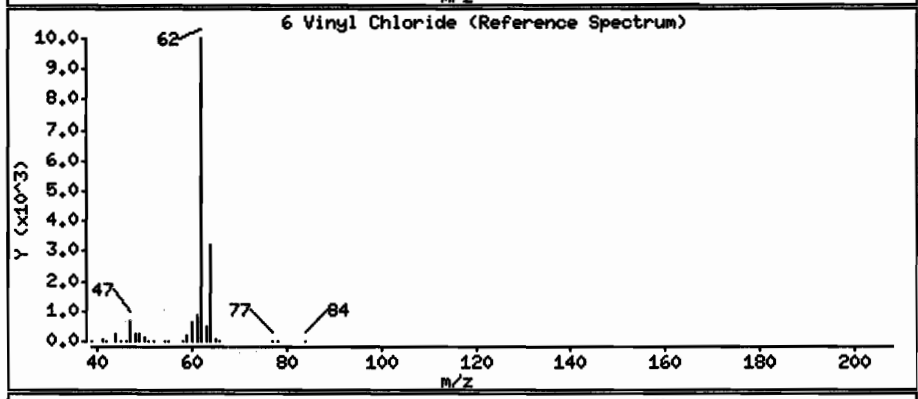
Column diameter: 0.32

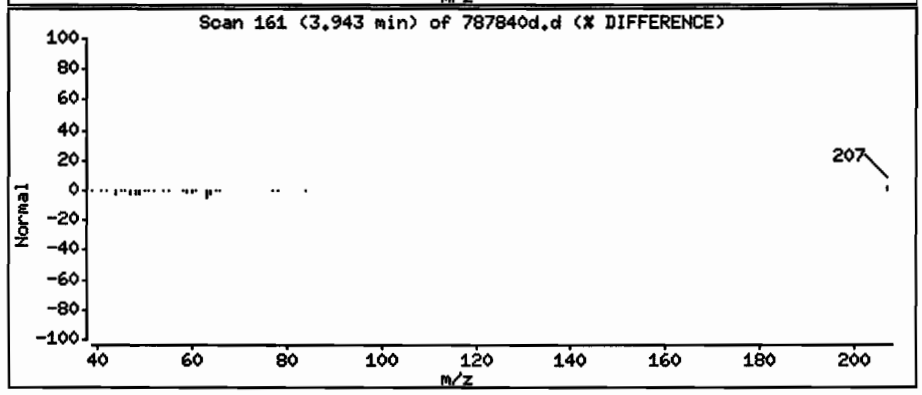
6 Vinyl Chloride

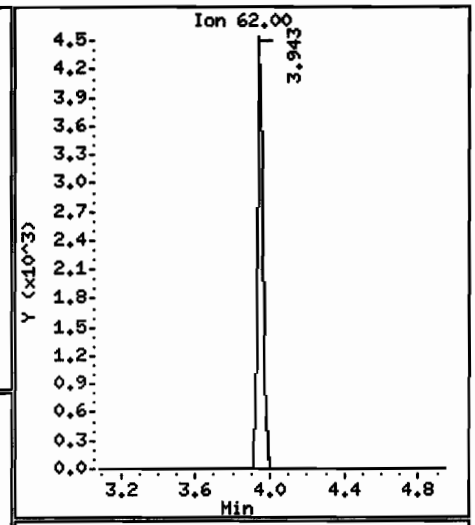
Concentration: 600 ppbv

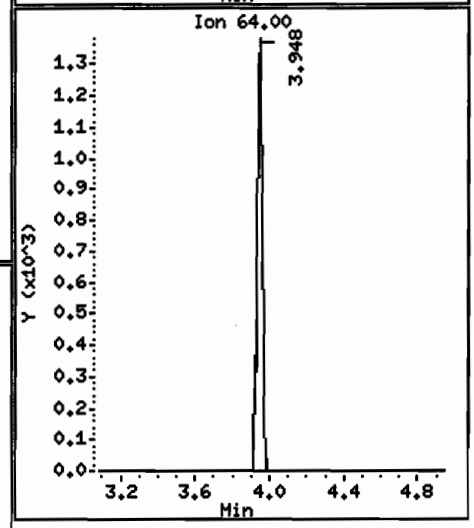












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787840d.d

Date : 13-MAR-2009 19:09

Client ID: VP-37V11.5N

Instrument: G.i

Sample Info: 20090305VP-37V11.5N :[ ]03/05/09 @1337(AIR)

Purge Volume: 40.0

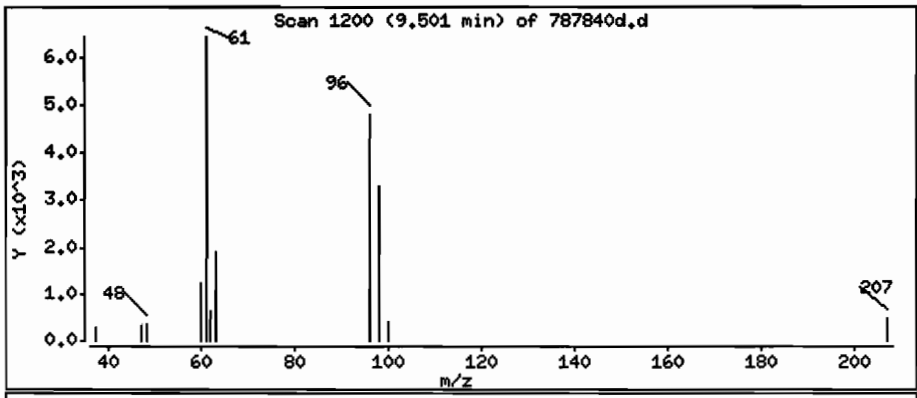
Operator: njr

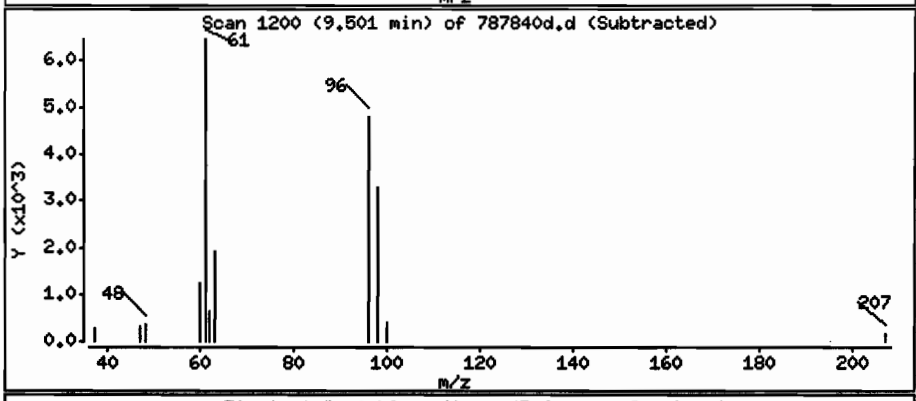
Column phase: RTX-624

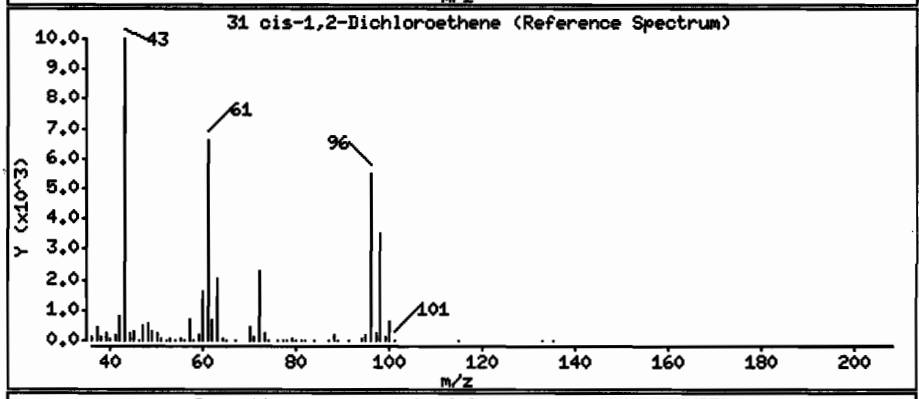
Column diameter: 0.32

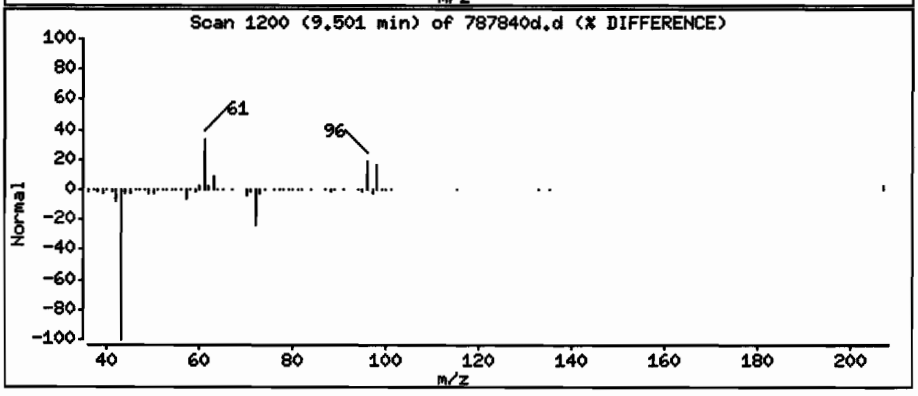
31 cis-1,2-Dichloroethene

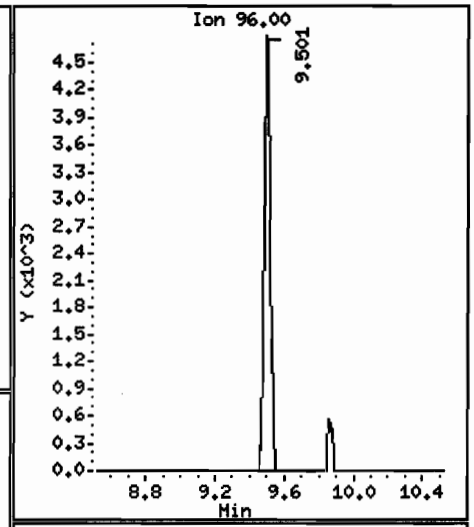
Concentration: 580 ppbv

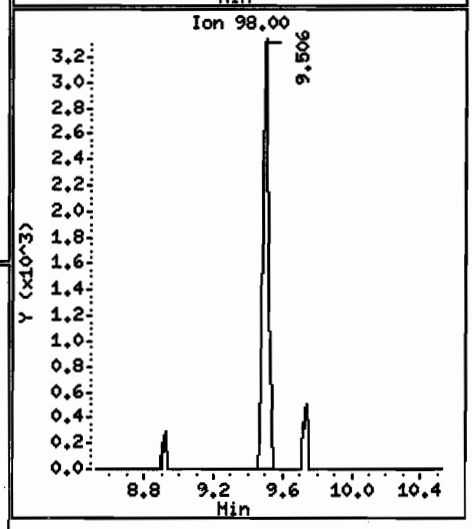












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787840d.d

Date : 13-MAR-2009 19:09

Client ID: VP-37V11.5N

Instrument: G.i

Sample Info: 20090305VP-37V11.5N :[ ]03/05/09 @1337(AIR)

Purge Volume: 40.0

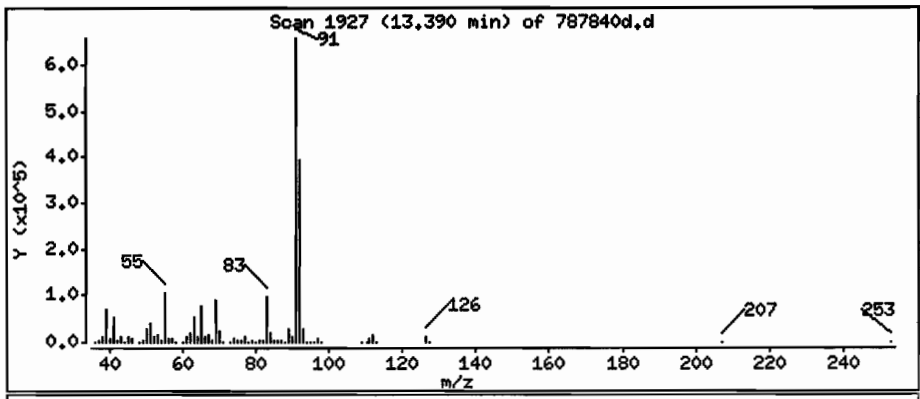
Operator: njr

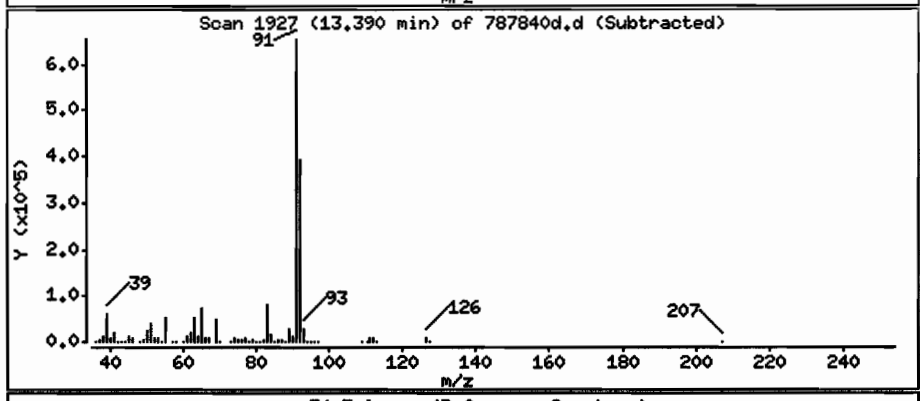
Column phase: RTX-624

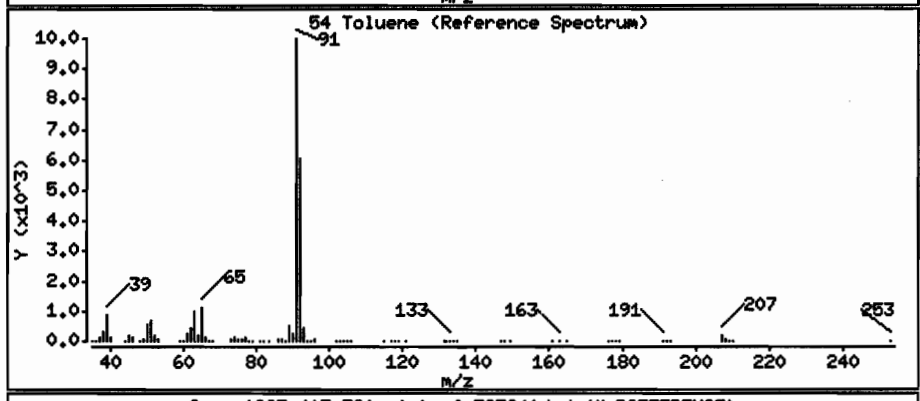
Column diameter: 0.32

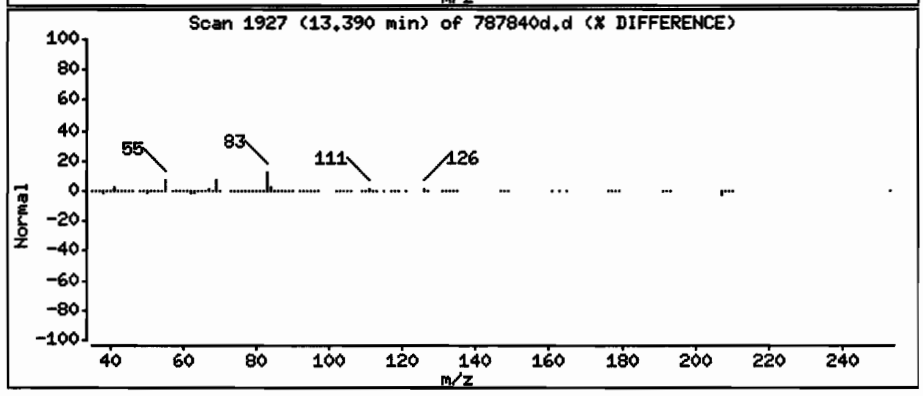
54 Toluene

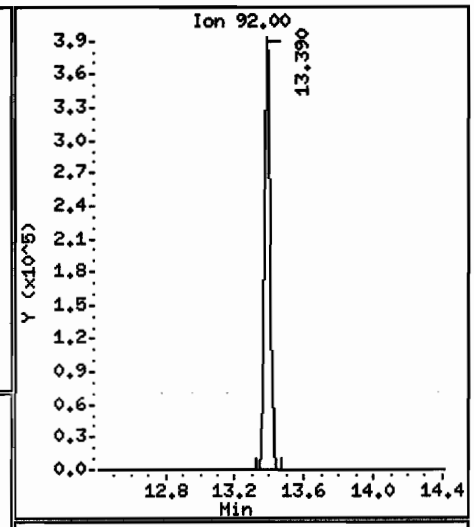
Concentration: 19000 ppbv

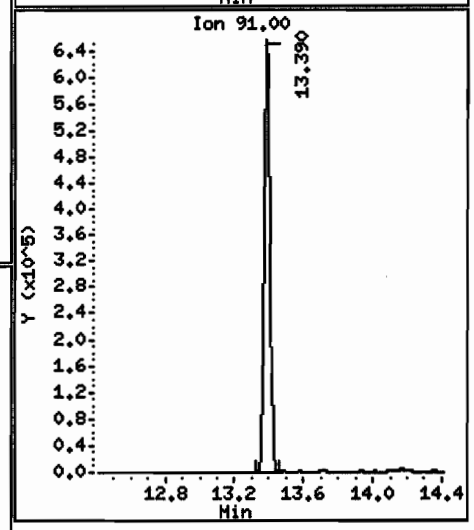












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787840d.d

Date : 13-MAR-2009 19:09

Client ID: VP-37V11.5N

Instrument: G.i

Sample Info: 20090305VP-37V11.5N :[J03/05/09 @1337(AIR)

Purge Volume: 40.0

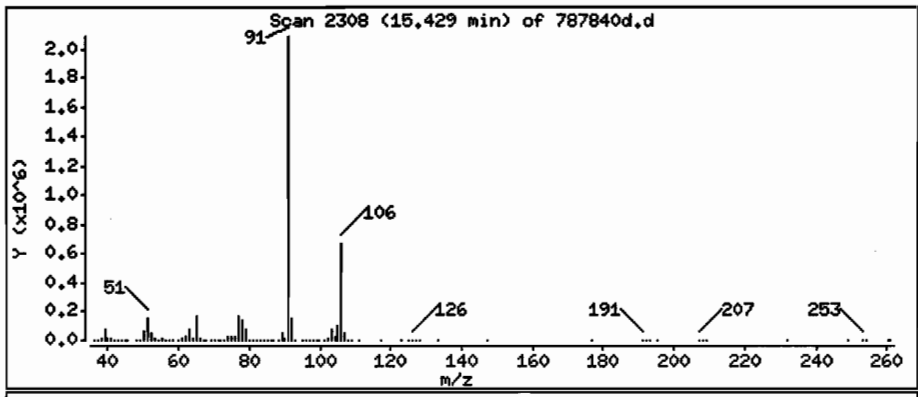
Operator: njr

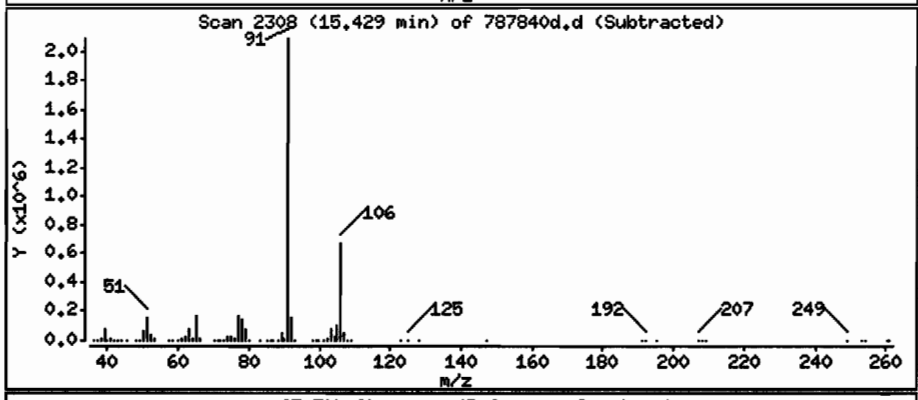
Column phase: RTX-624

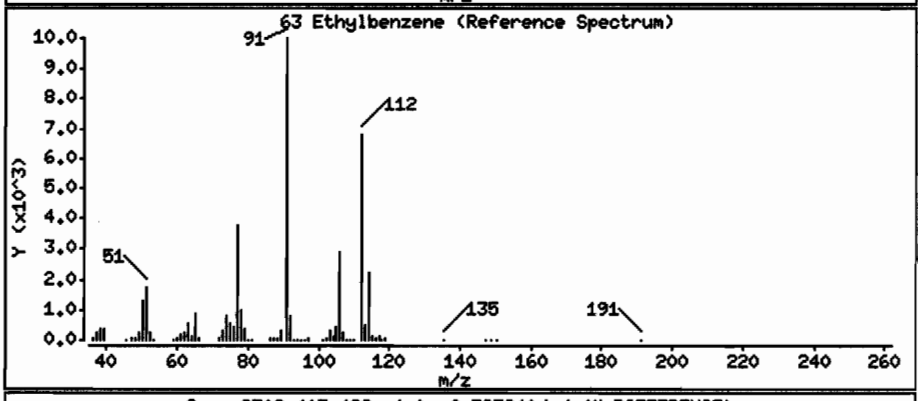
Column diameter: 0.32

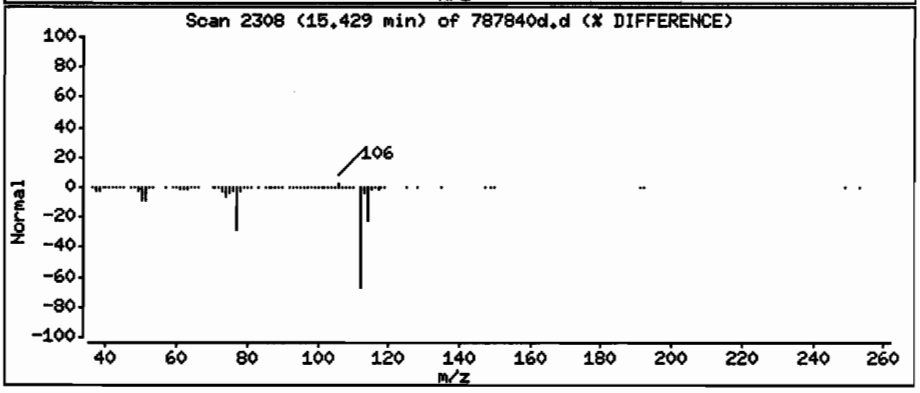
63 Ethylbenzene

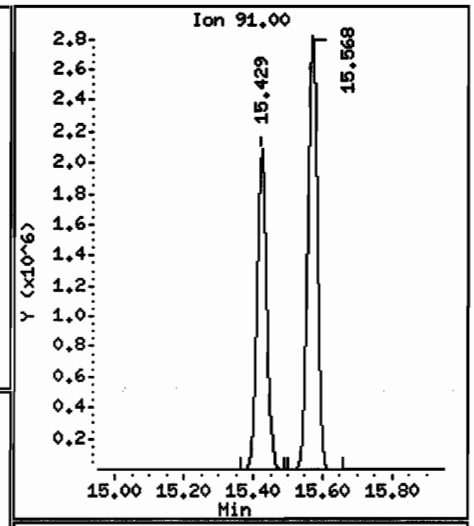
Concentration: 40000 ppbv

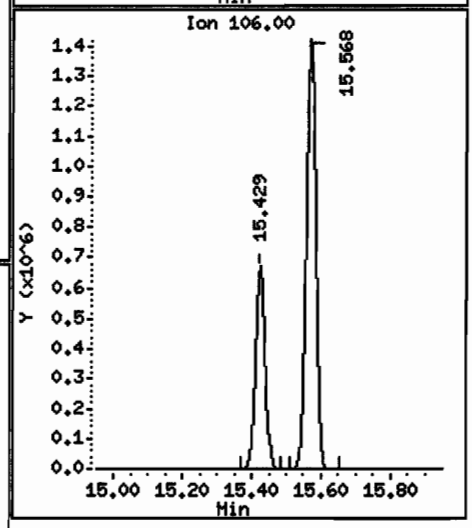












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787840d.d

Date : 13-MAR-2009 19:09

Client ID: VP-37V11.5N

Instrument: G.i

Sample Info: 20090305VP-37V11.5N :[103/05/09 @1337(AIR)

Purge Volume: 40.0

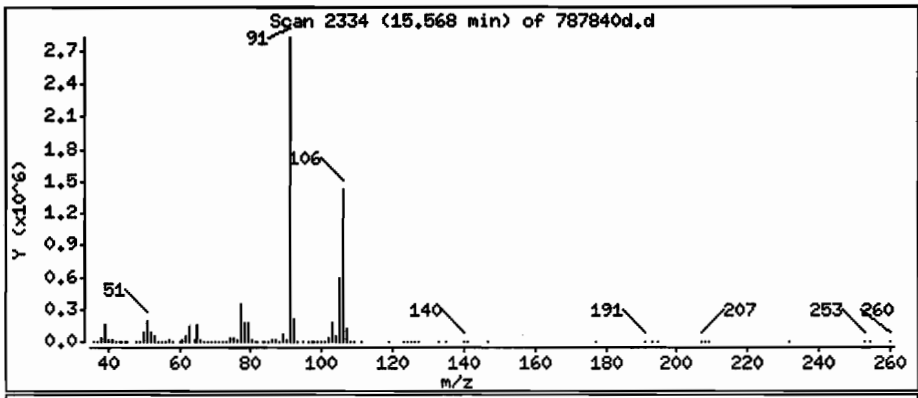
Operator: njr

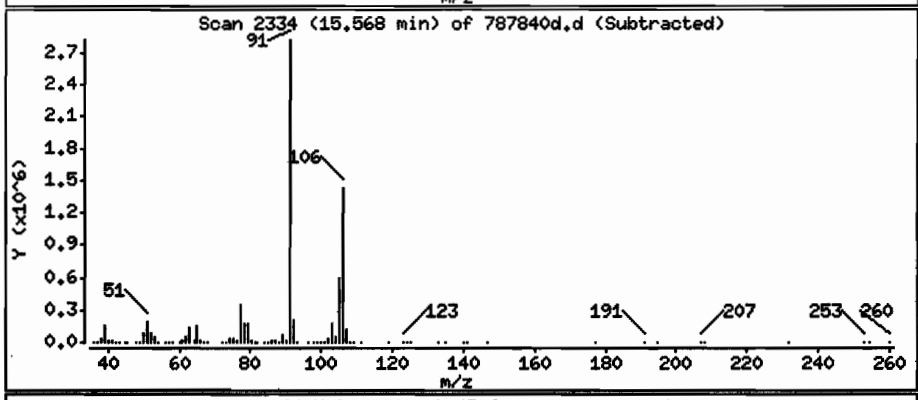
Column phase: RTX-624

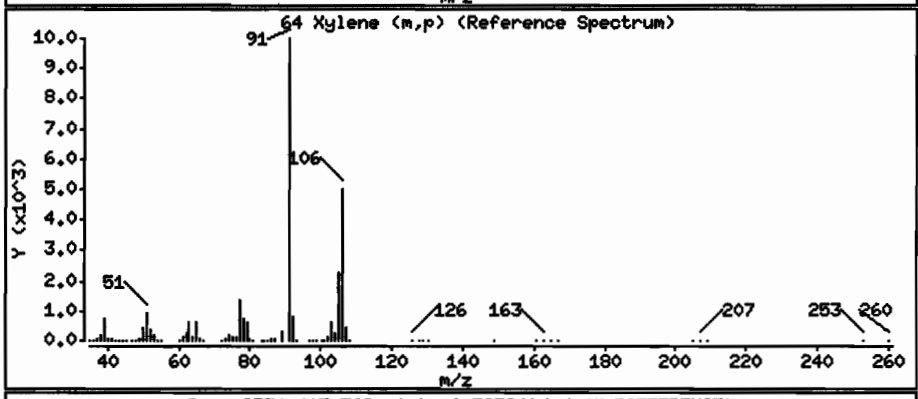
Column diameter: 0.32

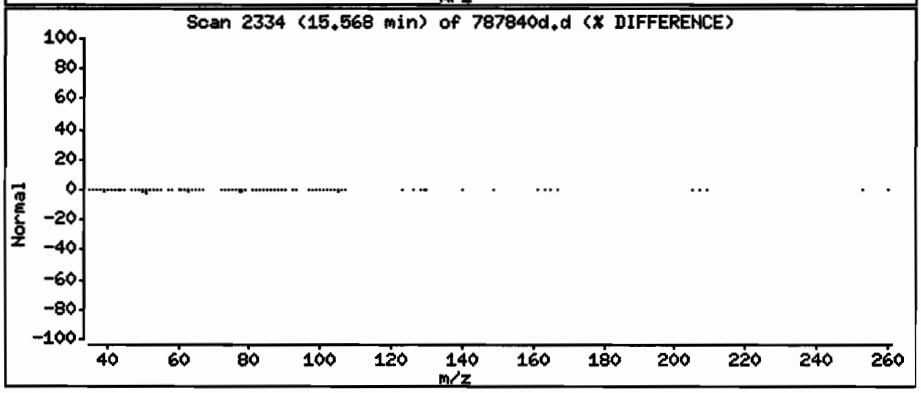
64 Xylene (m,p)

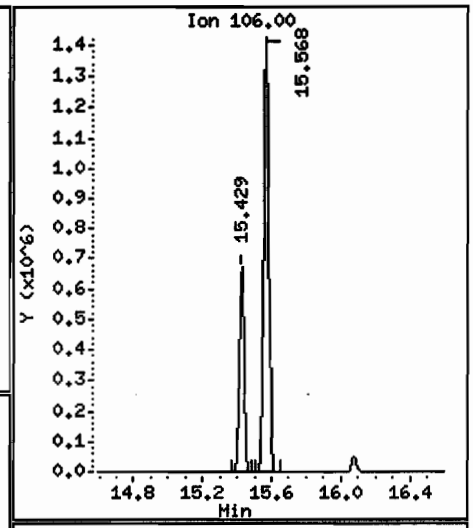
Concentration: 72000 ppbv

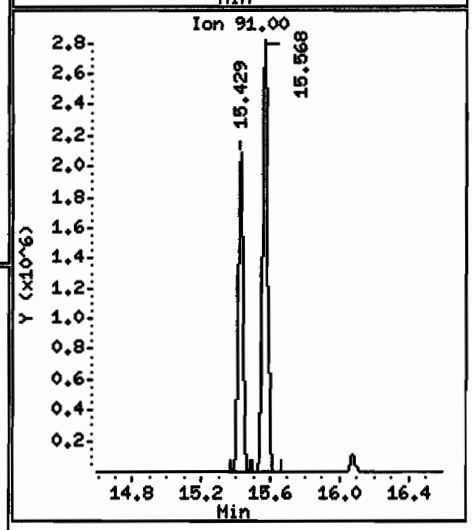












Data File: /chem/G.i/Gsvr.p/gdhvto15.b/787840d.d

Date : 13-MAR-2009 19:09

Client ID: VP-37V11.5N

Instrument: G.i

Sample Info: 20090305VP-37V11.5N :[ ]03/05/09 @1337(AIR)

Purge Volume: 40.0

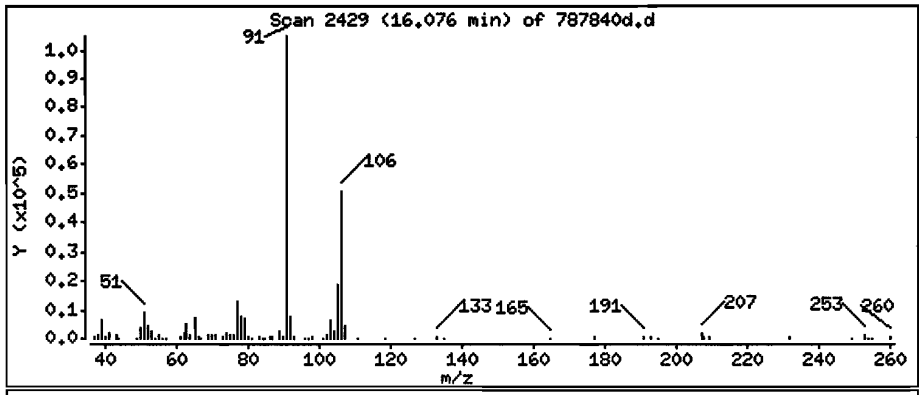
Operator: njr

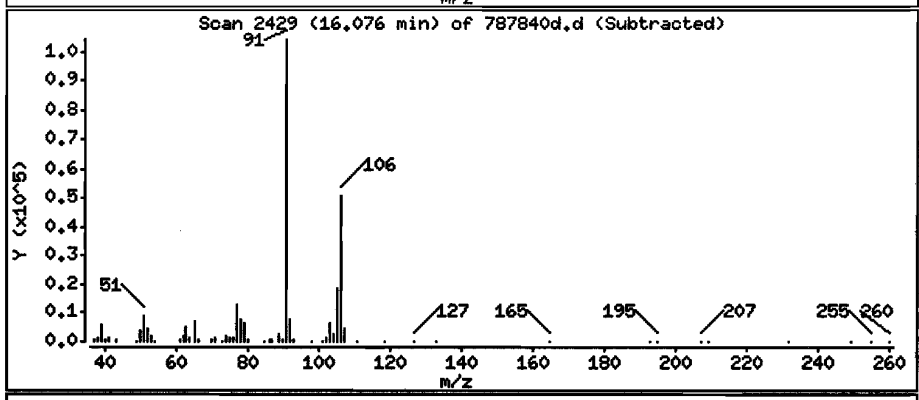
Column phase: RTX-624

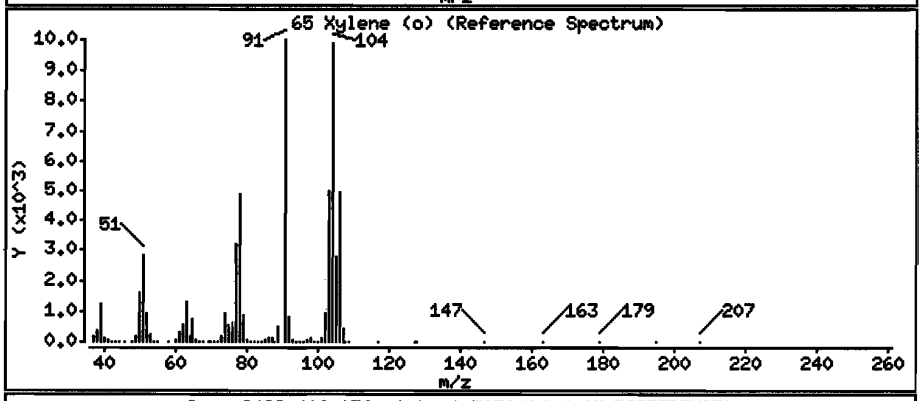
Column diameter: 0.32

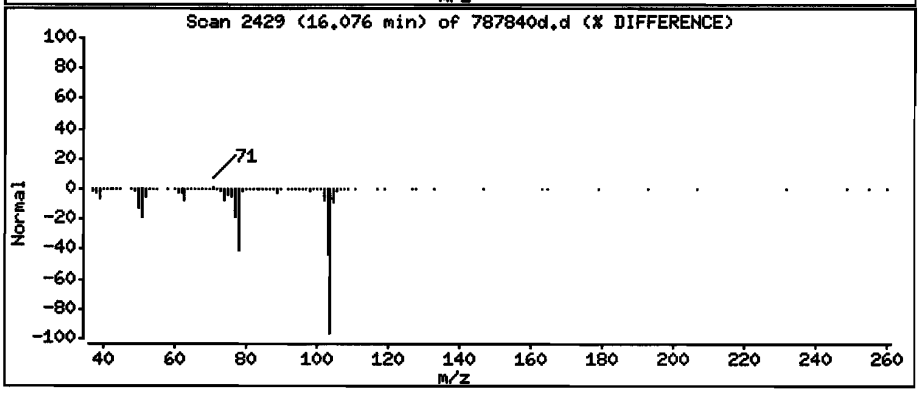
65 Xylene (o)

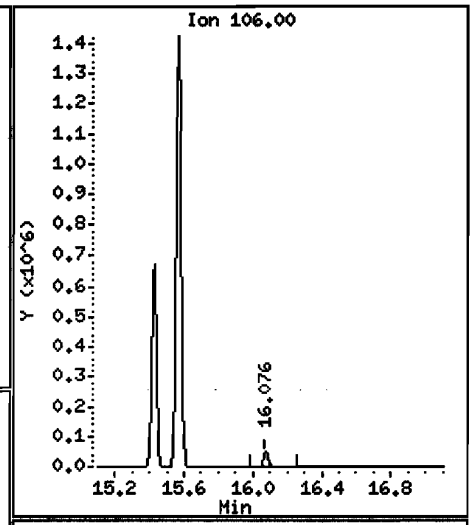
Concentration: 2600 ppbv

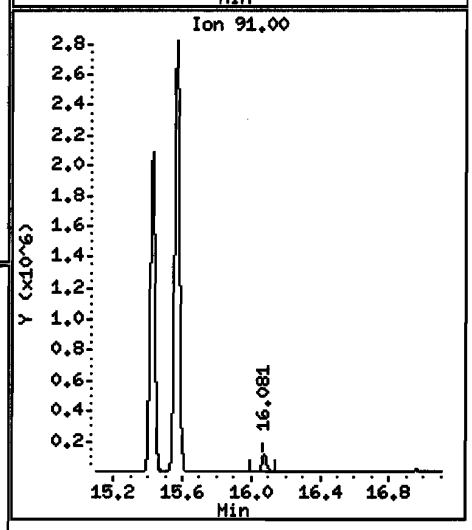










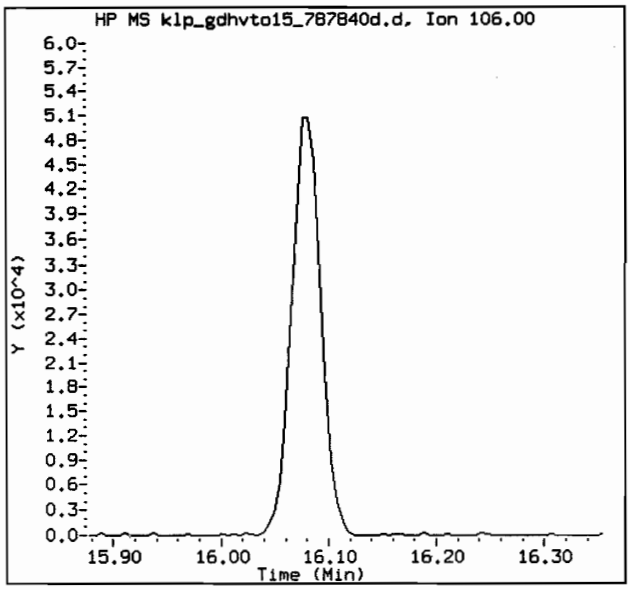


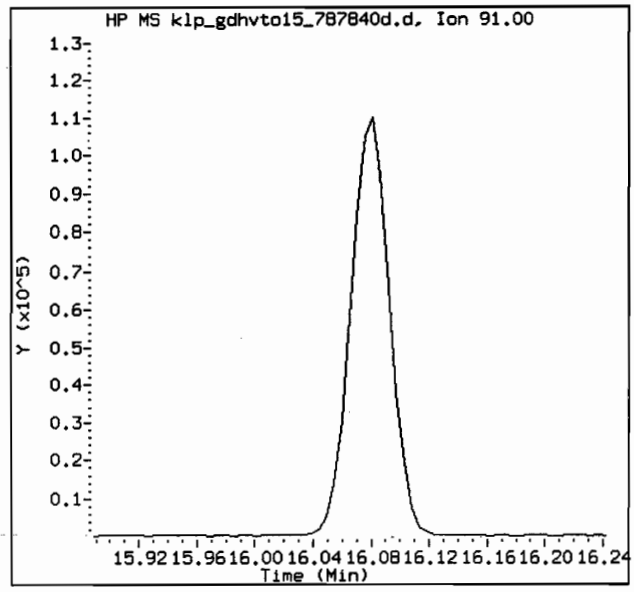
MANUAL INTEGRATION REPORT

Data File Name: 787840d.d
Client Sample ID: VP-37V11.5N
Compound Name: Xylene (o)

Inj. Date and Time: 13-MAR-2009 19:09
Instrument ID: G.i
CAS #: 95-47-6

Target Version: Target 3.50
Report Version: 1.1
Report Date: 03/26/2009 12:54

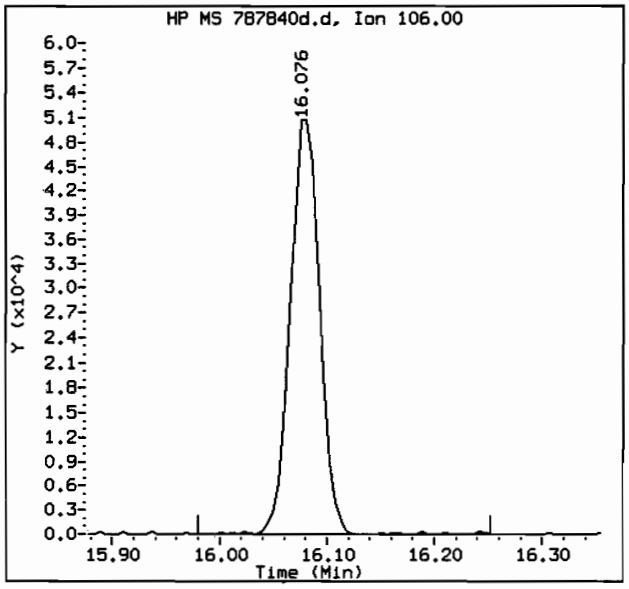


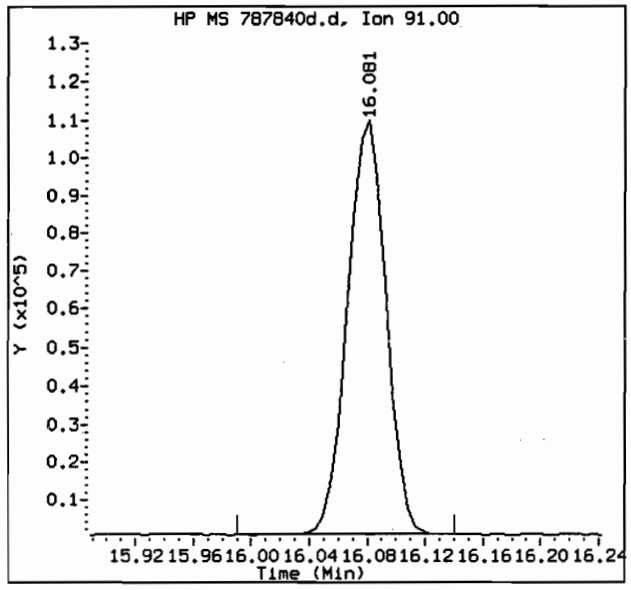


Original Integrations:

Area = 2768734

Area = 5479422





Final Integrations:

Area = 98196

Area = 201709

Manual Integration Reason: MI2 - Peak missed

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-38V11.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787841

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 787841D2

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/14/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1410.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	710	U
75-01-4	Vinyl Chloride	280	U
74-83-9	Bromomethane	280	U
75-00-3	Chloroethane	710	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	7100	U
75-15-0	Carbon Disulfide	710	U
75-09-2	Methylene Chloride	710	U
156-60-5	trans-1,2-Dichloroethene	280	U
75-34-3	1,1-Dichloroethane	280	U
78-93-3	Methyl Ethyl Ketone	710	U
156-59-2	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
71-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	280	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	280	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	Methyl Isobutyl Ketone	710	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	280	U
79-00-5	1,1,2-Trichloroethane	280	U
127-18-4	Tetrachloroethene	280	U
591-78-6	Methyl Butyl Ketone	710	U
124-48-1	Dibromochloromethane	280	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	3000	
1330-20-7	Xylene (m,p)	7700	
95-47-6	Xylene (o)	280	U
100-42-5	Styrene	280	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-38V11.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787841

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 787841D2

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/14/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1410.0

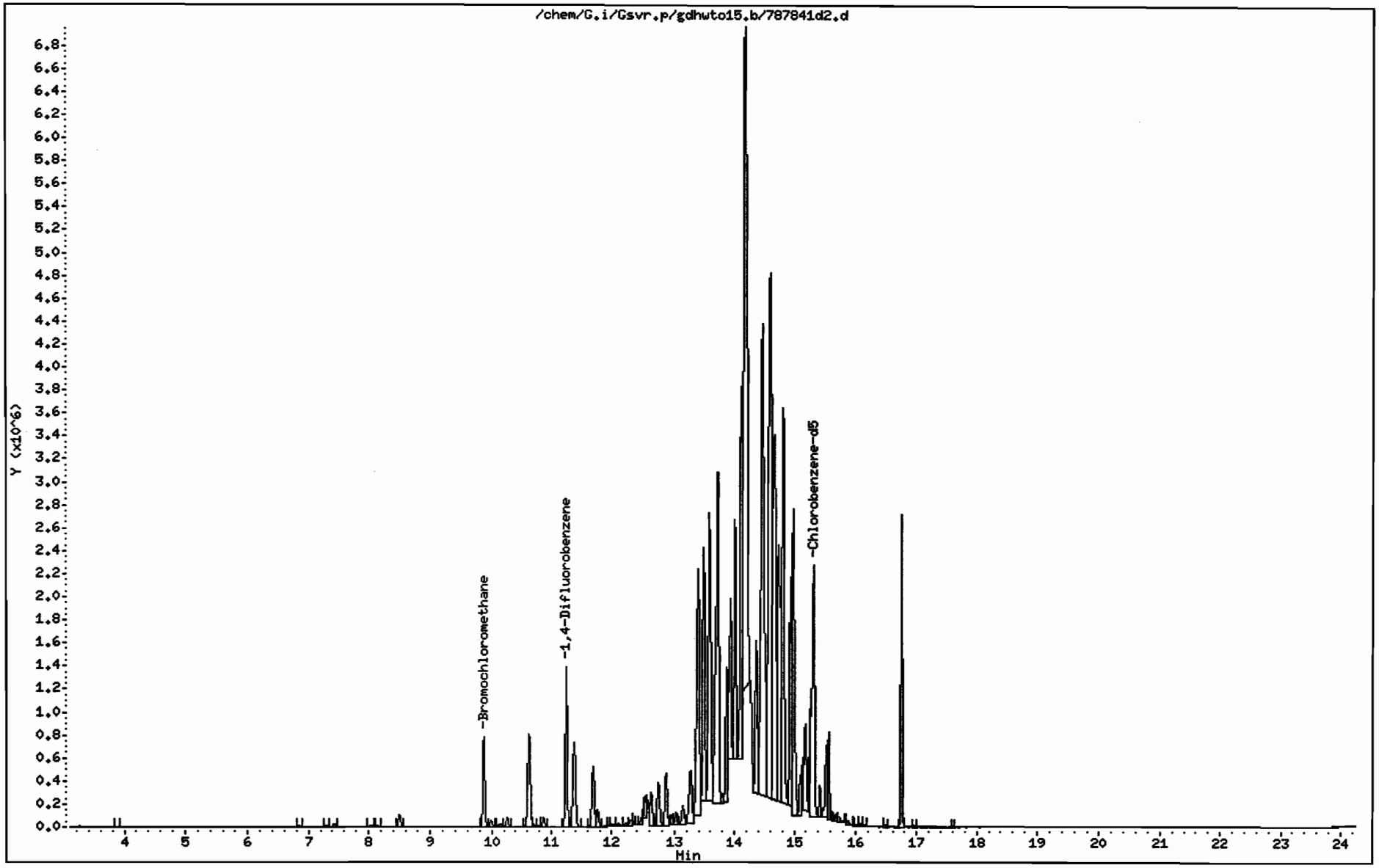
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	280	U
79-34-5	1,1,2,2-Tetrachloroethane	280	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhwto15.b/787841d2.d
Date : 14-MAR-2009 11:10
Client ID: VP-38V11.5N
Sample Info: 20090305VP-38V11.5N :[ ]03/05/09 @1300(AIR)
Purge Volume: 40.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhwto15.b/787841d2.d
Lab Smp Id: 787841 Client Smp ID: VP-38V11.5N
Inj Date : 14-MAR-2009 11:10
Operator : njr Inst ID: G.i
Smp Info : 20090305VP-38V11.5N :[ ]03/05/09 @1300(AIR)
Misc Info : 787841;031409GA;1410;40;cdf 281
Comment :
Method : /chem/G.i/Gsvr.p/gdhwto15.b/sto15.m
Meth Date : 26-Mar-2009 13:05 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 14
Dil Factor: 1410.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1410.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.865	9.892	(1.000)	288416	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1462493	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	Compound Not Detected.					
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.321	15.348	(1.000)	1441760	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	15.423	15.450	(1.007)	243195	2.10199	3000
64 Xylene (m,p)	106	15.568	15.594	(1.016)	242788	5.47302	7700
65 Xylene (o)	106	Compound Not Detected.					
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gdhwto15.b/787841d2.d

Date : 14-MAR-2009 11:10

Client ID: VP-38V11.5N

Instrument: G.i

Sample Info: 20090305VP-38V11.5N :[ ]03/05/09 @1300(AIR)

Purge Volume: 40.0

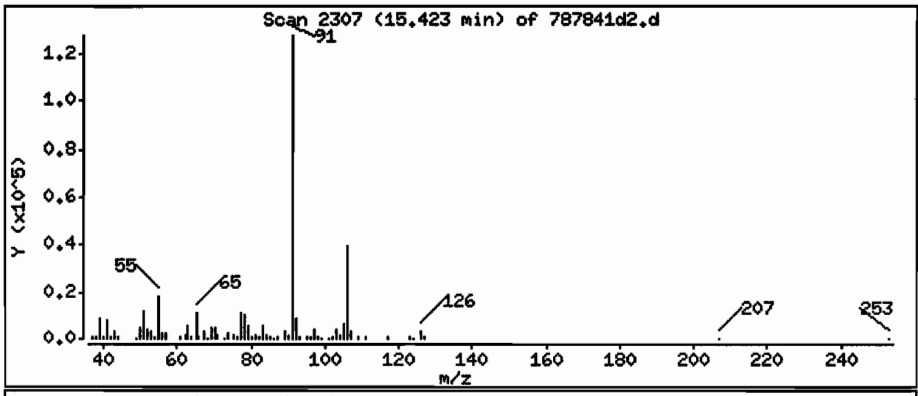
Operator: njr

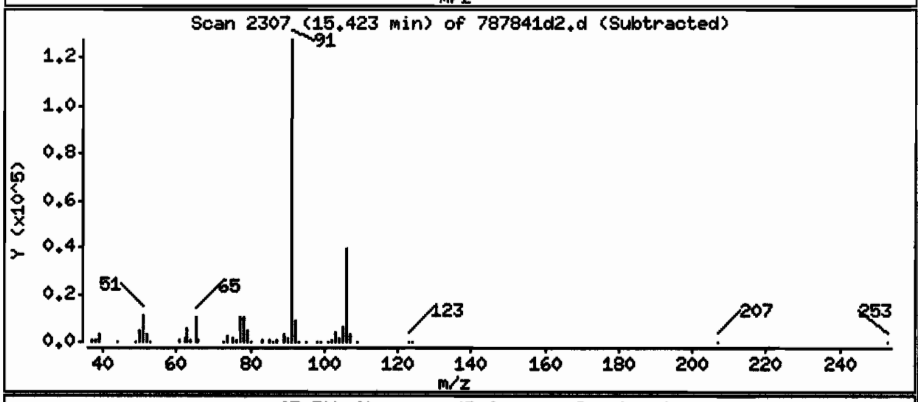
Column phase: RTX-624

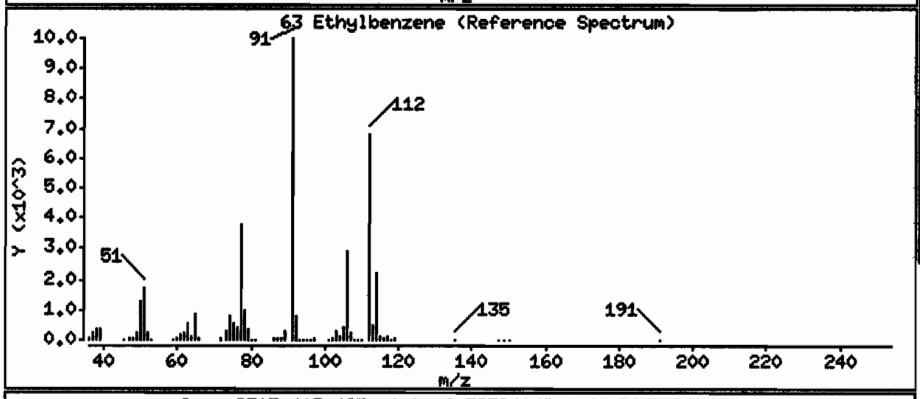
Column diameter: 0.32

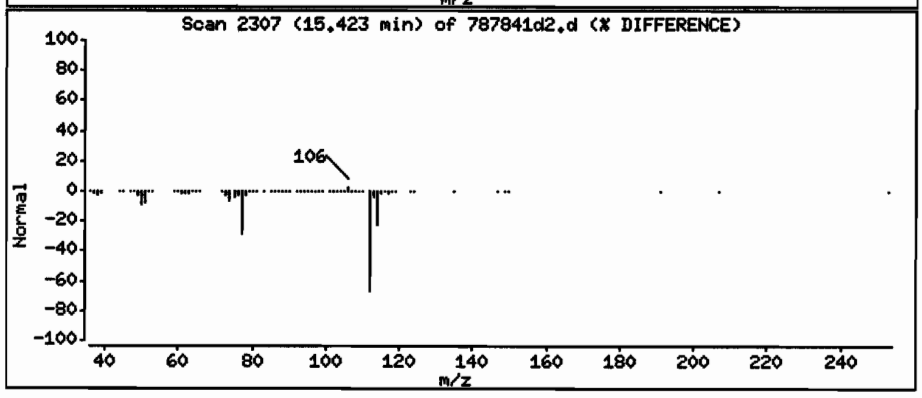
63 Ethylbenzene

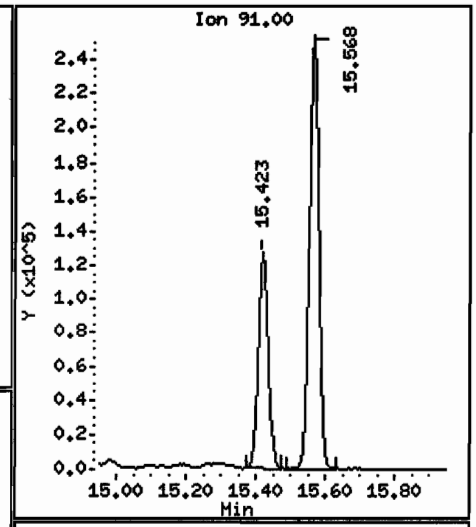
Concentration: 3000 ppbv

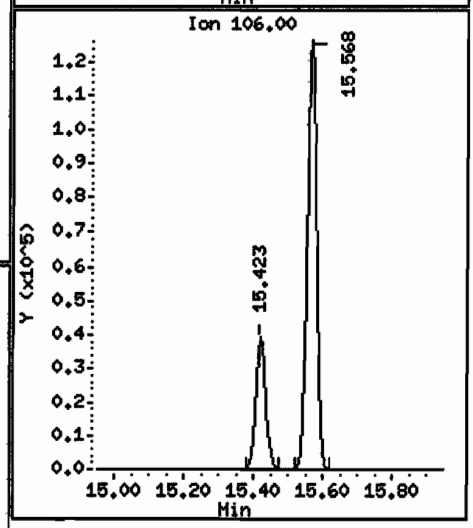












Data File: /chem/G.i/Gsvr.p/gdhwto15.b/787841d2.d

Date : 14-MAR-2009 11:10

Client ID: VP-38V11.5N

Instrument: G.i

Sample Info: 20090305VP-38V11.5N :[ ]03/05/09 @1300(AIR)

Purge Volume: 40.0

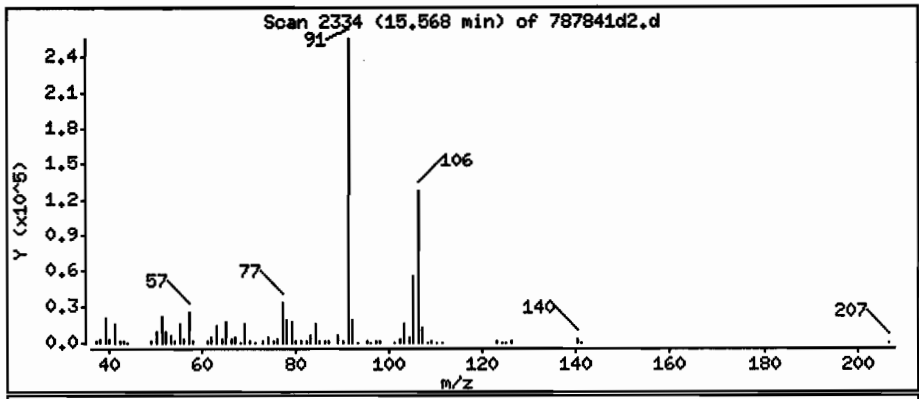
Operator: njr

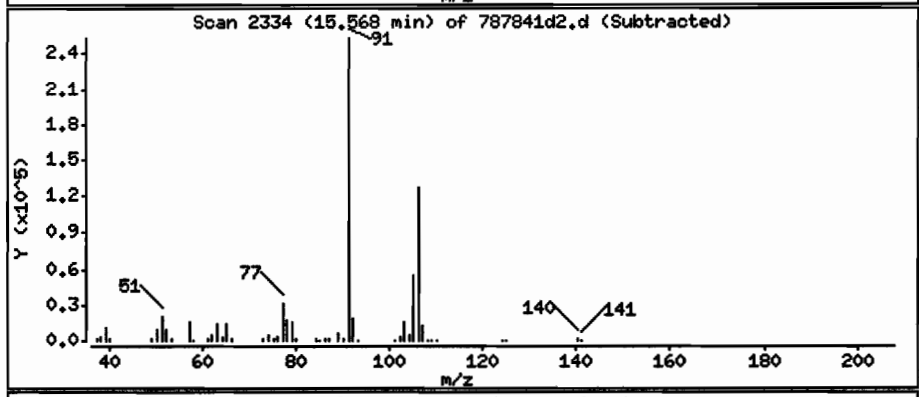
Column phase: RTX-624

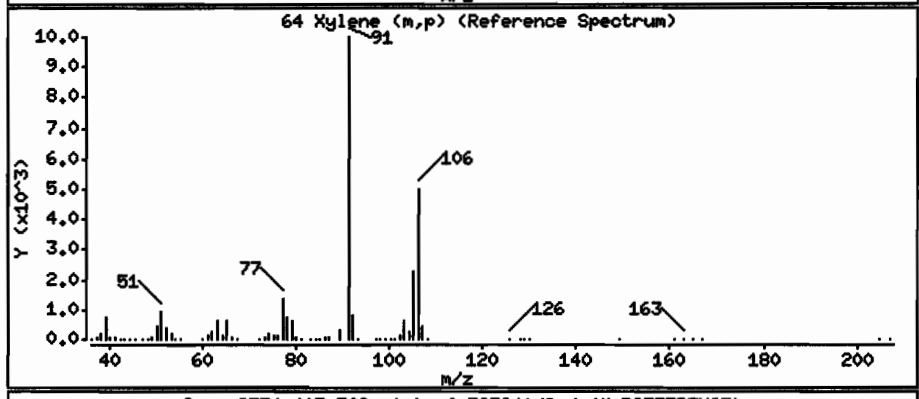
Column diameter: 0.32

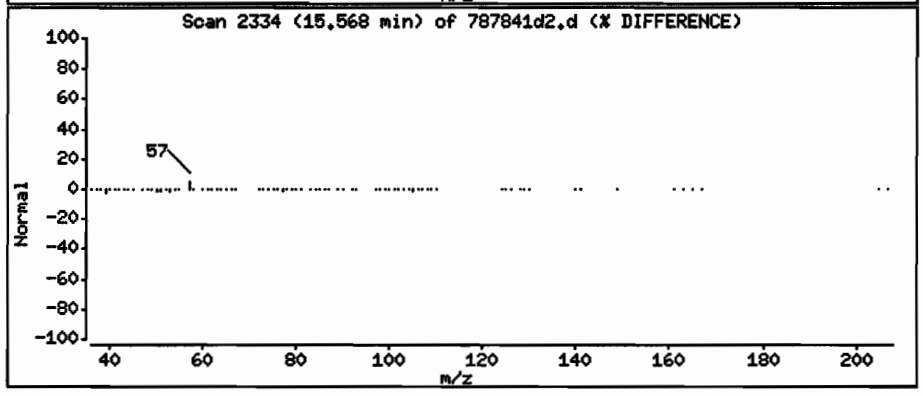
64 Xylene (m,p)

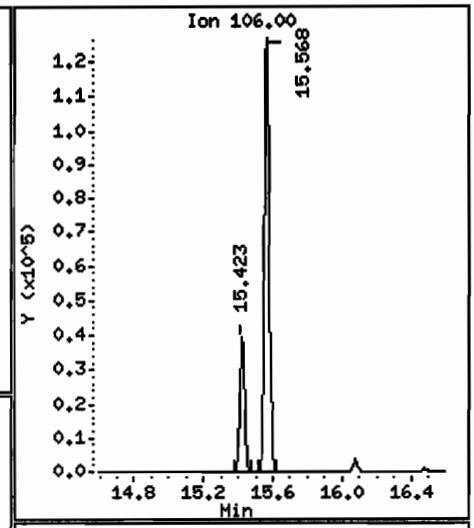
Concentration: 7700 ppbv

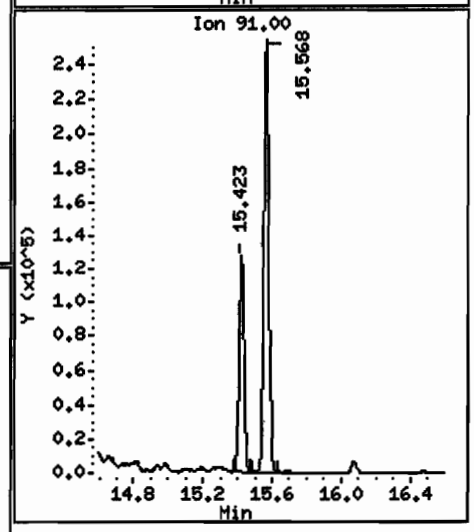












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-39V9.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787842

Sample wt/vol: 44.00 (g/mL) ML Lab File ID: 787842D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 20.1

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	41	
74-83-9	Bromomethane	4.0	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	4.0	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	16	
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	4.0	U
75-34-3	1,1-Dichloroethane	4.0	U
78-93-3	Methyl Ethyl Ketone	10	U
156-59-2	cis-1,2-Dichloroethene	15	
67-66-3	Chloroform	4.0	U
71-55-6	1,1,1-Trichloroethane	4.0	U
56-23-5	Carbon Tetrachloride	4.0	U
71-43-2	Benzene	45	
107-06-2	1,2-Dichloroethane	4.0	U
79-01-6	Trichloroethene	4.0	U
78-87-5	1,2-Dichloropropane	4.0	U
75-27-4	Bromodichloromethane	4.0	U
10061-01-5	cis-1,3-Dichloropropene	4.0	U
108-10-1	Methyl Isobutyl Ketone	10	U
108-88-3	Toluene	27	
10061-02-6	trans-1,3-Dichloropropene	4.0	U
79-00-5	1,1,2-Trichloroethane	4.0	U
127-18-4	Tetrachloroethene	4.0	U
591-78-6	Methyl Butyl Ketone	10	U
124-48-1	Dibromochloromethane	4.0	U
108-90-7	Chlorobenzene	4.0	U
100-41-4	Ethylbenzene	15	
1330-20-7	Xylene (m,p)	61	
95-47-6	Xylene (o)	9.0	
100-42-5	Styrene	4.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

VP-39V9.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787842

Sample wt/vol: 44.00 (g/mL) ML Lab File ID: 787842D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 20.1

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	4.0	U
79-34-5	1,1,2,2-Tetrachloroethane	4.0	U

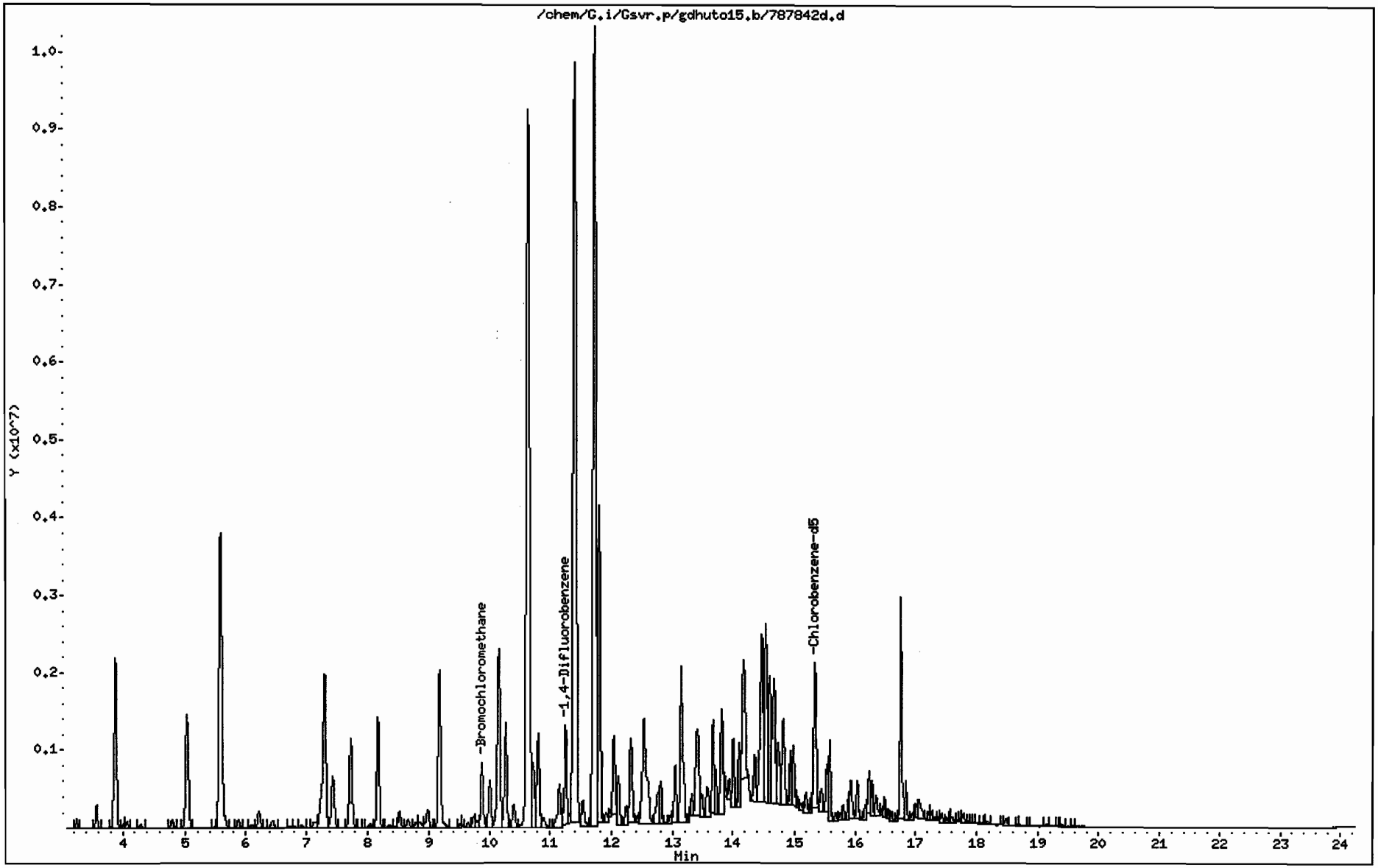
FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787842d.d
Date : 13-MAR-2009 00:33
Client ID: VP-39V9.5N
Sample Info: 20090305VP-39V9.5N :[ ]03/05/09 @1417(AIR)
Purge Volume: 44.0
Column phase: RTX-624

Page 3

Instrument: G.i

Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/787842d.d
Lab Smp Id: 787842 Client Smp ID: VP-39V9.5N
Inj Date : 13-MAR-2009 00:33
Operator : njr Inst ID: G.i
Smp Info : 20090305VP-39V9.5N :[ ]03/05/09 @1417(AIR)
Misc Info : 787842;031209GA;20.1;44;cdf4.43
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4
Dil Factor: 20.10000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	20.10000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	44.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	3.937	3.943	(0.399)	39107	2.05103	41
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	6.933	6.944	(0.702)	51897	0.79901	16
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	9.506	9.523	(0.963)	17525	0.72575	15
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	303608	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	10.710	10.732	(0.952)	154720	2.25959	45
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1368413	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	13.396	13.412	(0.874)	66245	1.36645	27
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1337037	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	15.434	15.450	(1.007)	78508	0.73171	15
64 Xylene (m,p)	106	15.573	15.594	(1.016)	124322	3.02202	61
65 Xylene (o)	106	16.076	16.103	(1.049)	17954	0.44816	9.0
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787842d.d

Date : 13-MAR-2009 00:33

Client ID: VP-39V9.5N

Instrument: G.i

Sample Info: 20090305VP-39V9.5N :[ ]03/05/09 @1417(AIR)

Purge Volume: 44.0

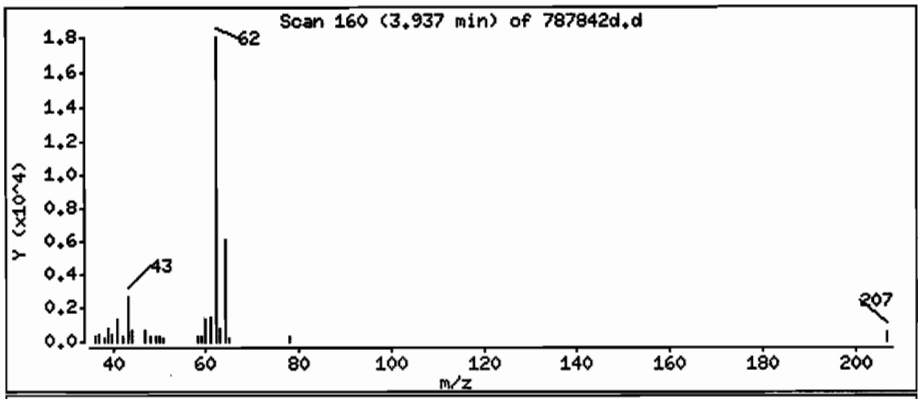
Operator: njr

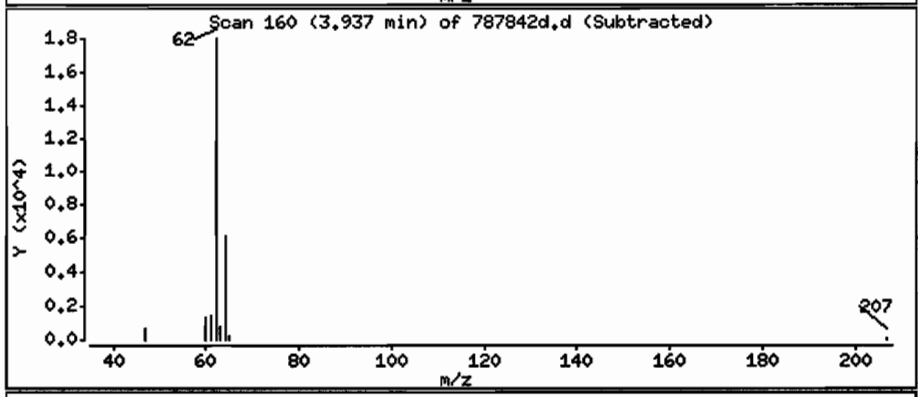
Column phase: RTX-624

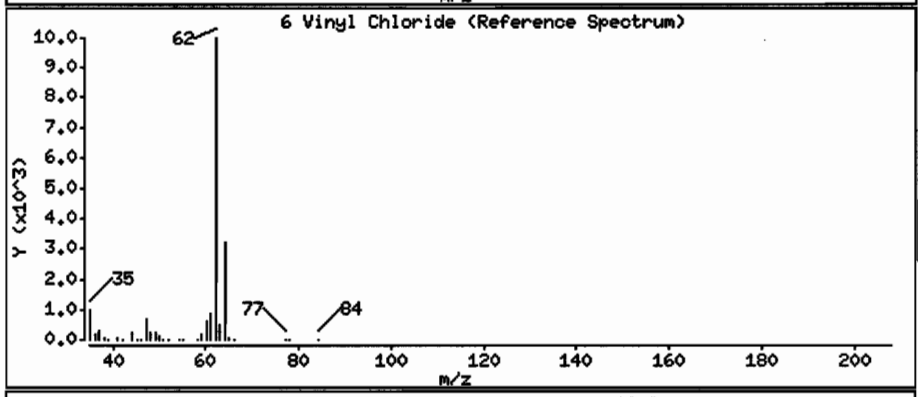
Column diameter: 0.32

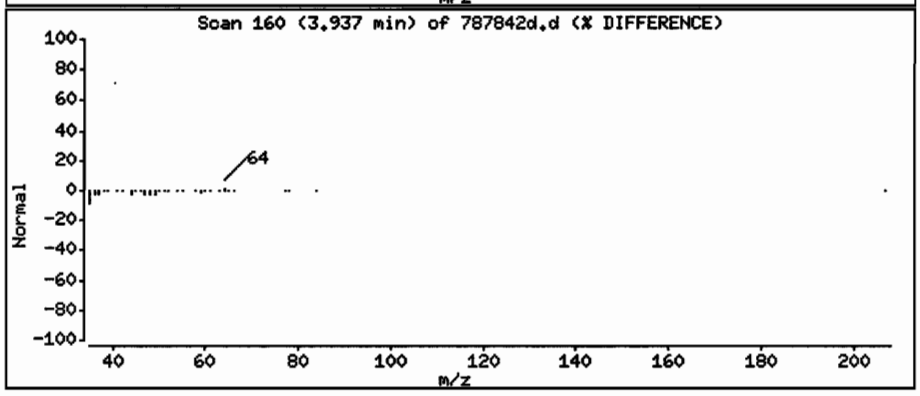
6 Vinyl Chloride

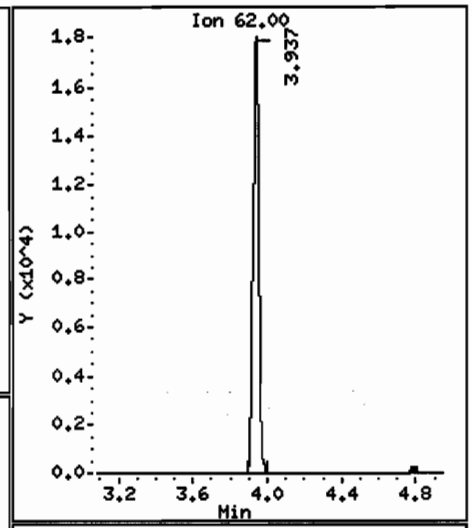
Concentration: 41 ppbv

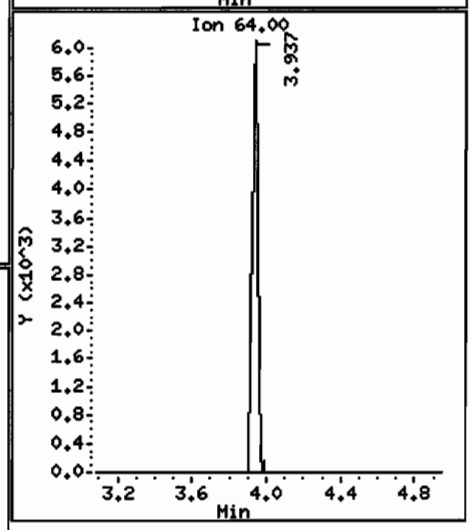












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787842d.d

Date : 13-MAR-2009 00:33

Client ID: VP-39V9.5N

Instrument: G.i

Sample Info: 20090305VP-39V9.5N :[ ]03/05/09 @1417(AIR)

Purge Volume: 44.0

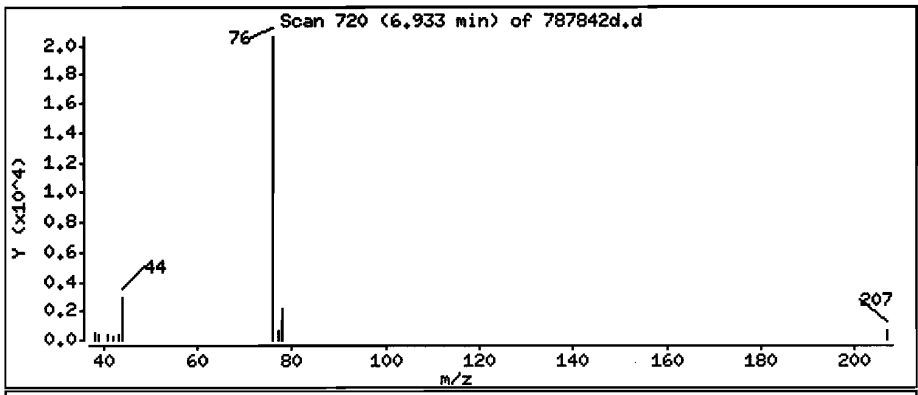
Operator: njr

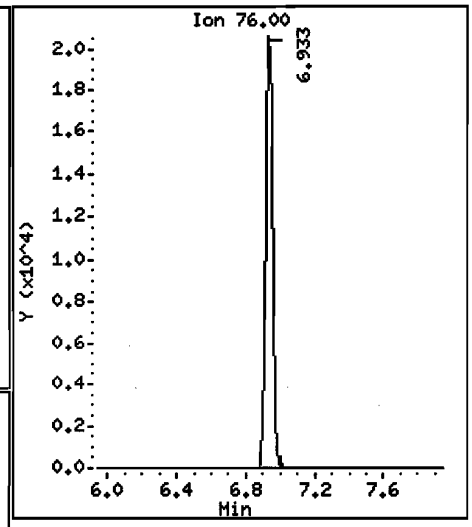
Column phase: RTX-624

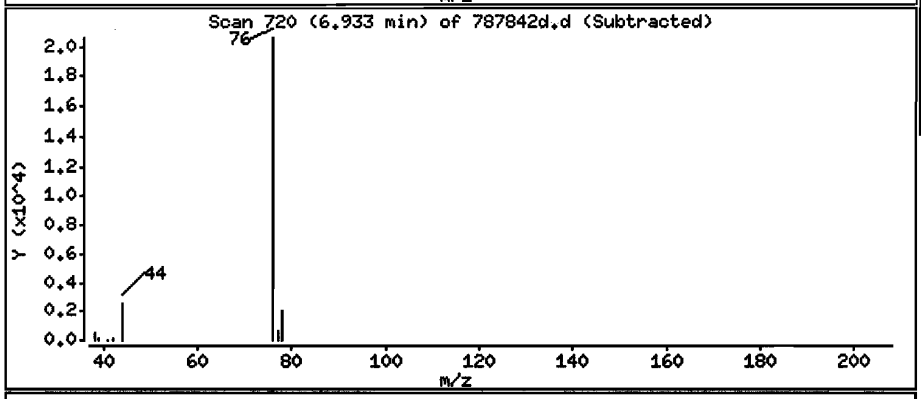
Column diameter: 0.32

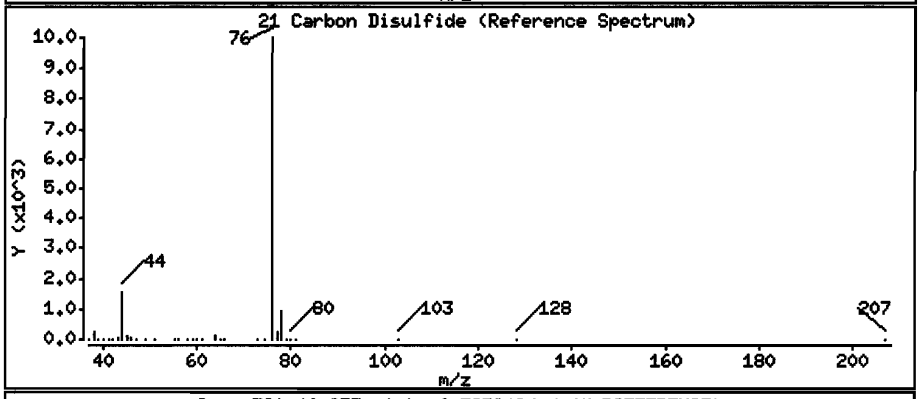
21 Carbon Disulfide

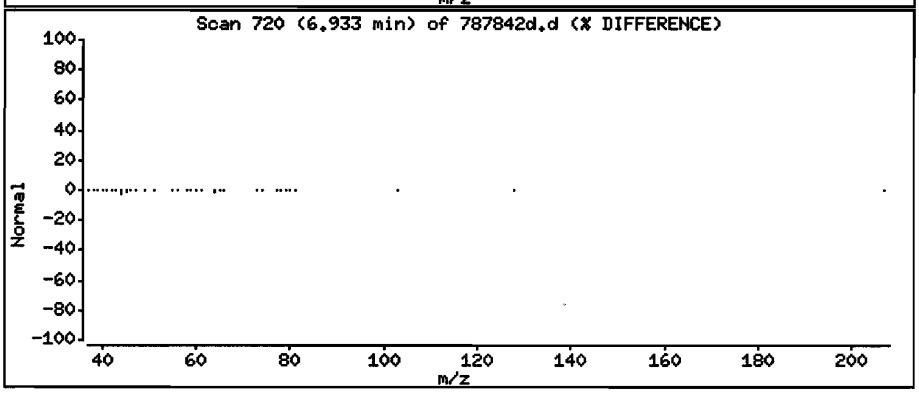
Concentration: 16 ppbv











Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787842d.d

Date : 13-MAR-2009 00:33

Client ID: VP-39V9.5N

Instrument: G.i

Sample Info: 20090305VP-39V9.5N :[03/05/09 @1417(AIR)

Purge Volume: 44.0

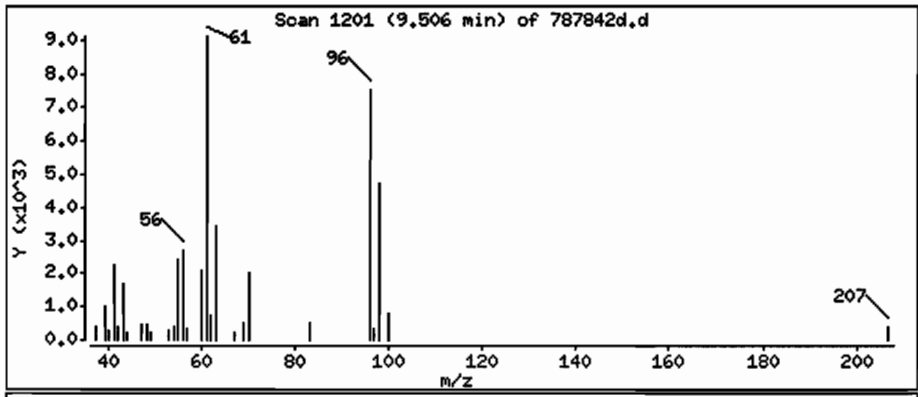
Operator: njr

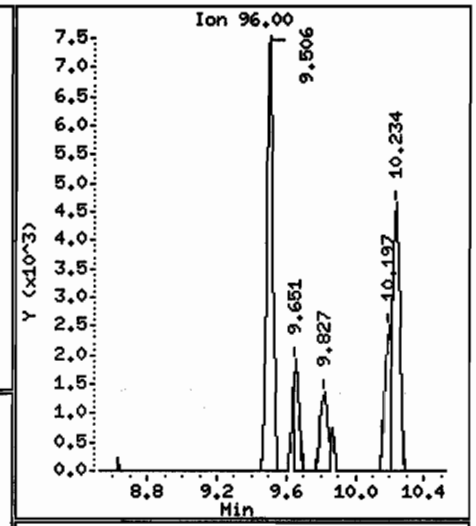
Column phase: RTX-624

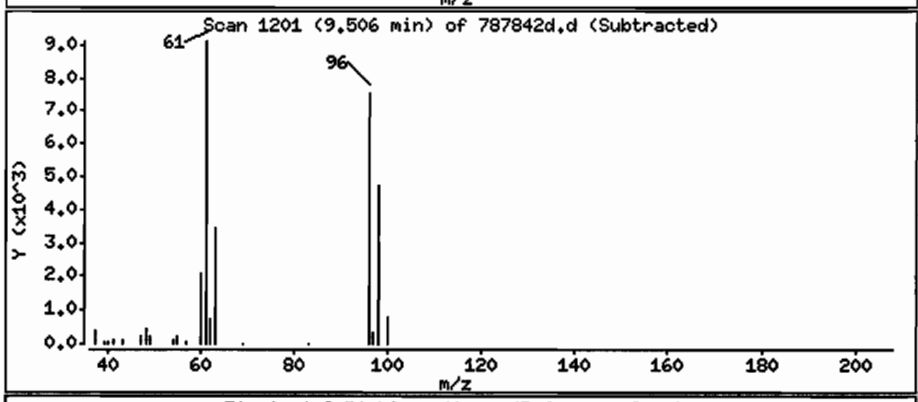
Column diameter: 0.32

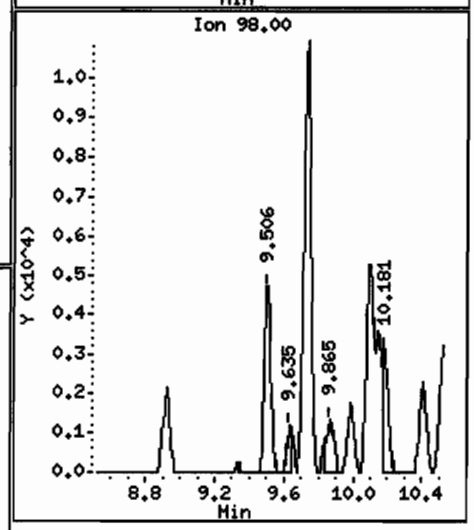
31 cis-1,2-Dichloroethene

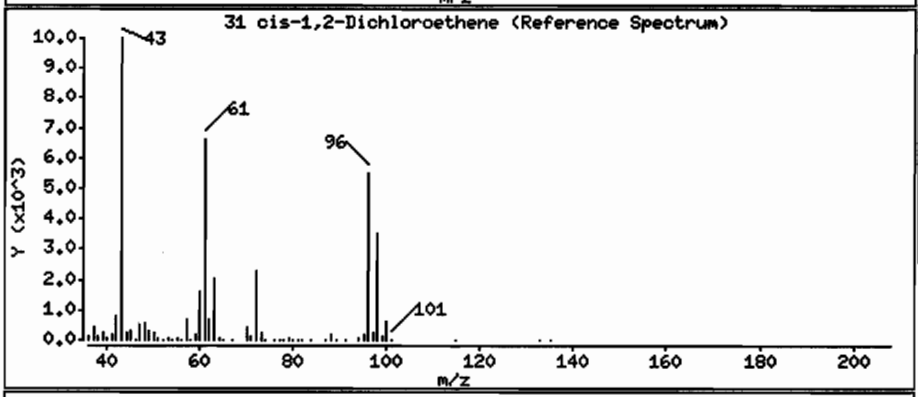
Concentration: 15 ppbv

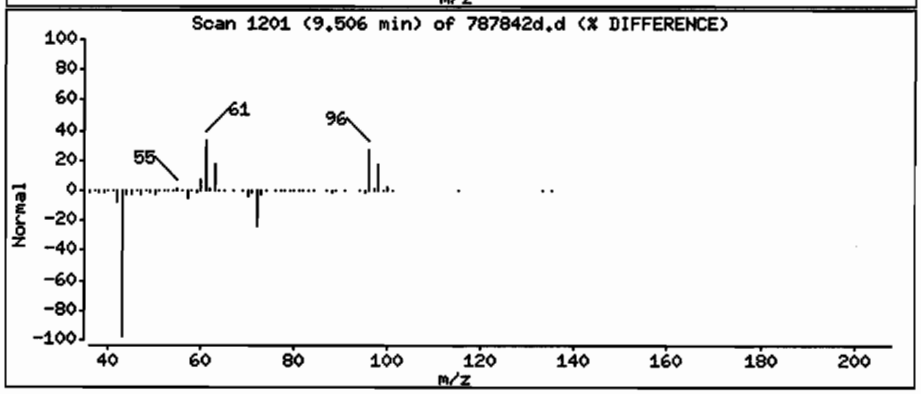












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787842d.d

Date : 13-MAR-2009 00:33

Client ID: VP-39V9.5N

Instrument: G.i

Sample Info: 20090305VP-39V9.5N :[J03/05/09 @1417(AIR)

Purge Volume: 44.0

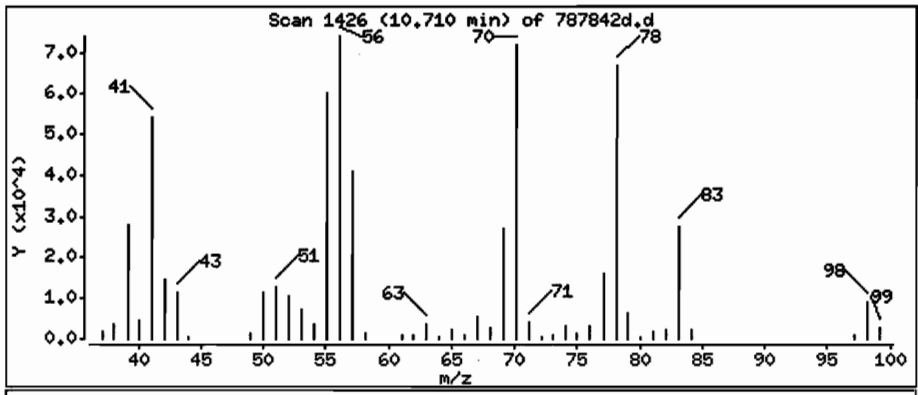
Operator: njr

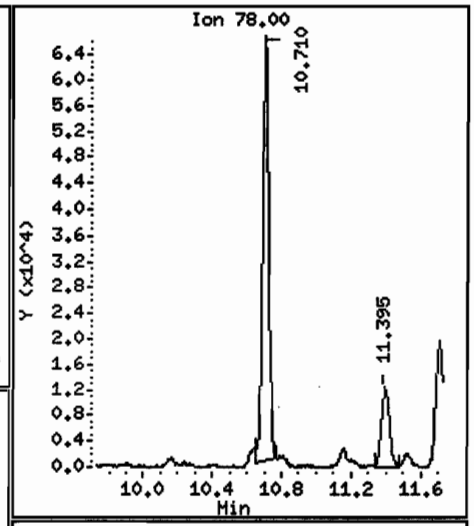
Column phase: RTX-624

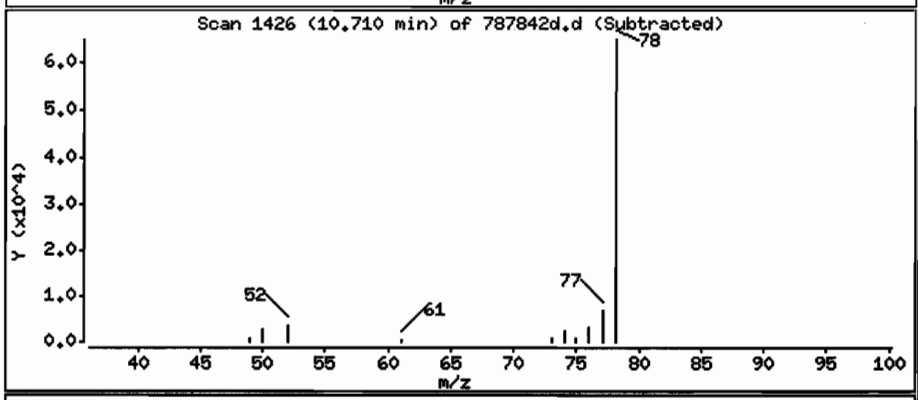
Column diameter: 0.32

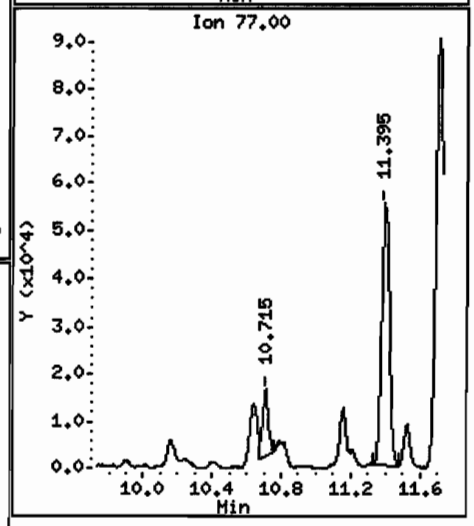
39 Benzene

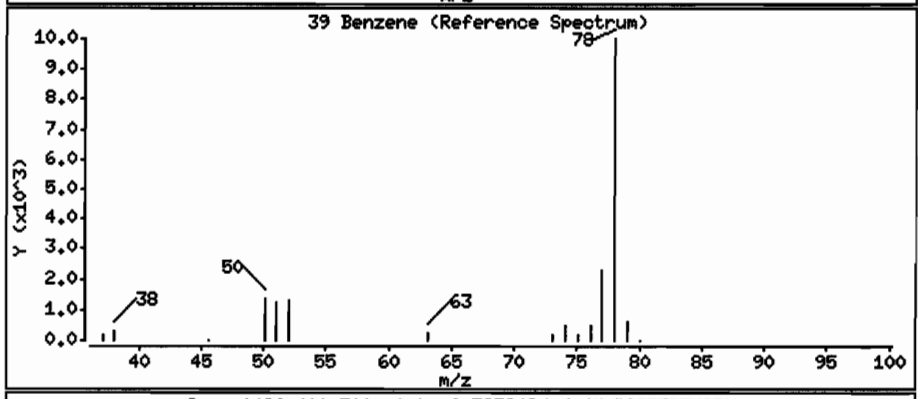
Concentration: 45 ppbv

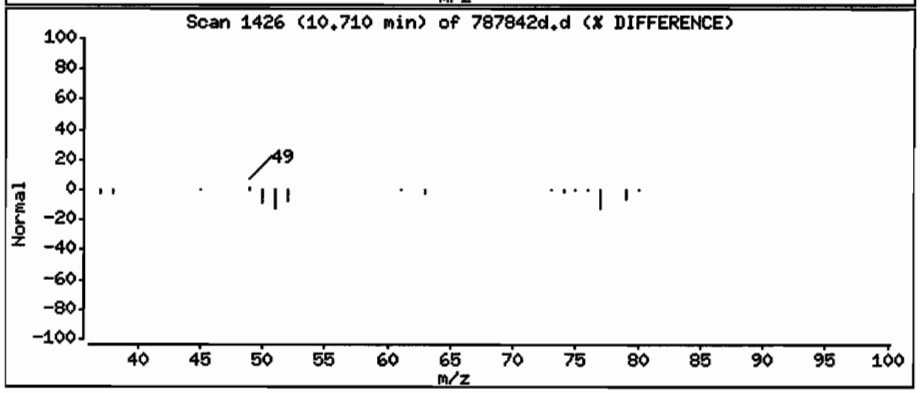












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787842d.d

Date : 13-MAR-2009 00:33

Client ID: VP-39V9.5N

Instrument: G.i

Sample Info: 20090305VP-39V9.5N :[ ]03/05/09 @1417(AIR)

Purge Volume: 44.0

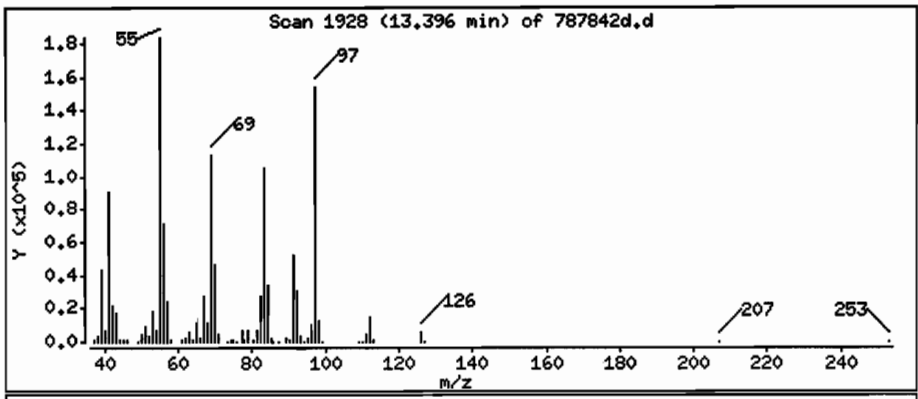
Operator: njr

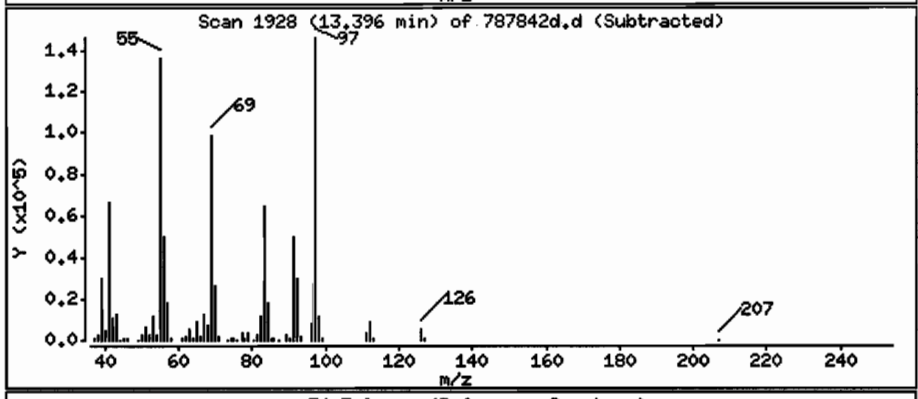
Column phase: RTX-624

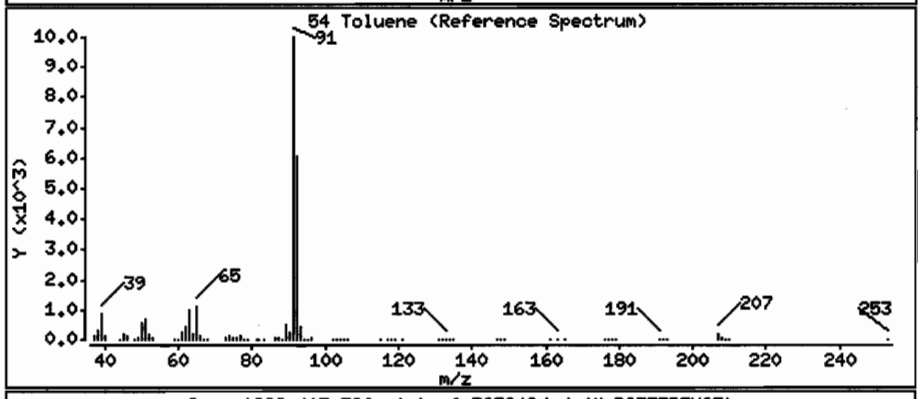
Column diameter: 0.32

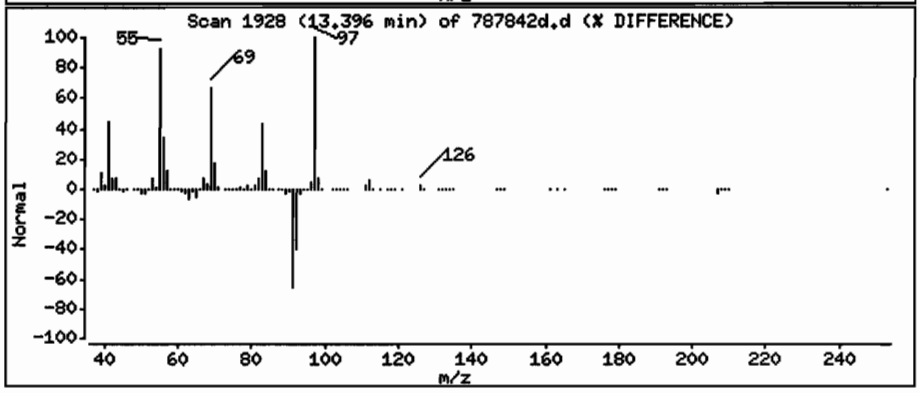
54 Toluene

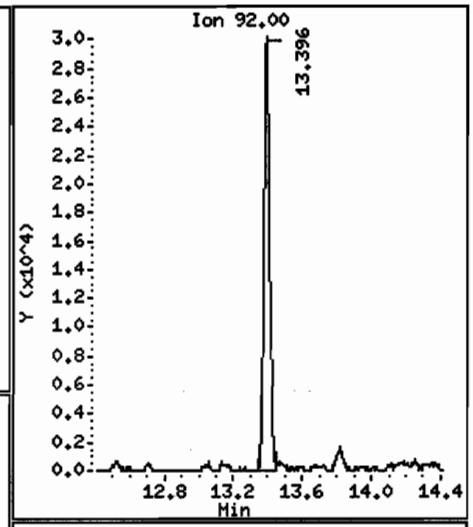
Concentration: 27 ppbv

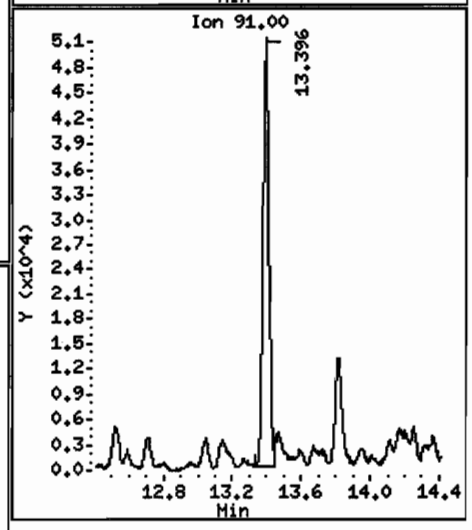












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787842d.d

Date : 13-MAR-2009 00:33

Client ID: VP-39V9.5N

Instrument: G.i

Sample Info: 20090305VP-39V9.5N :[ ]03/05/09 @1417(AIR)

Purge Volume: 44.0

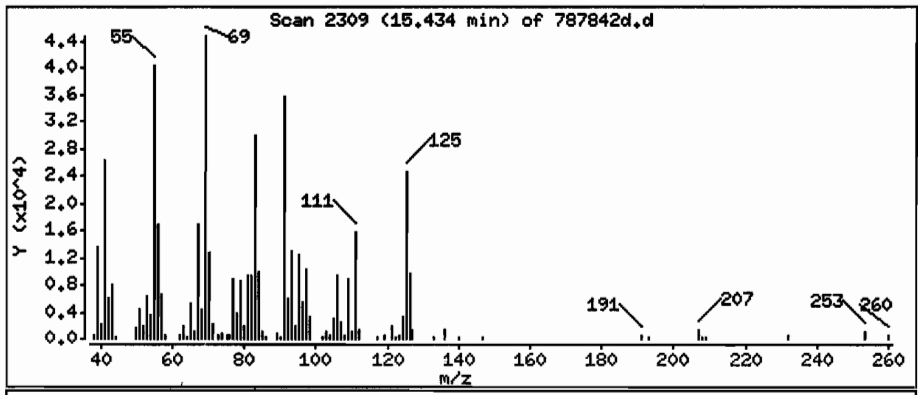
Operator: njr

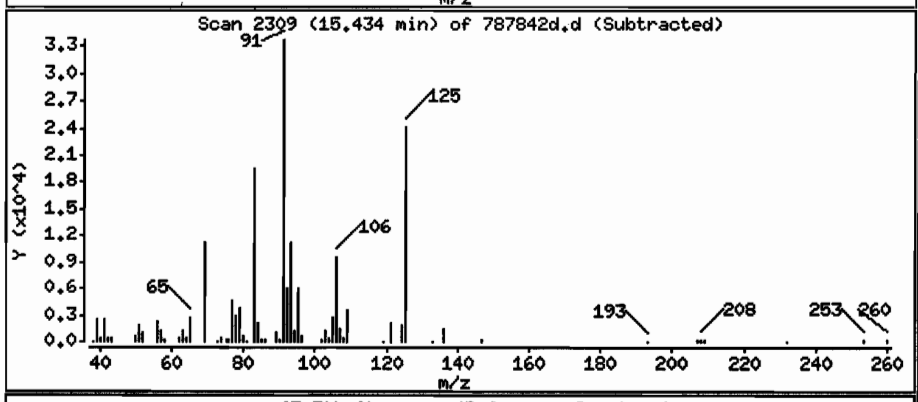
Column phase: RTX-624

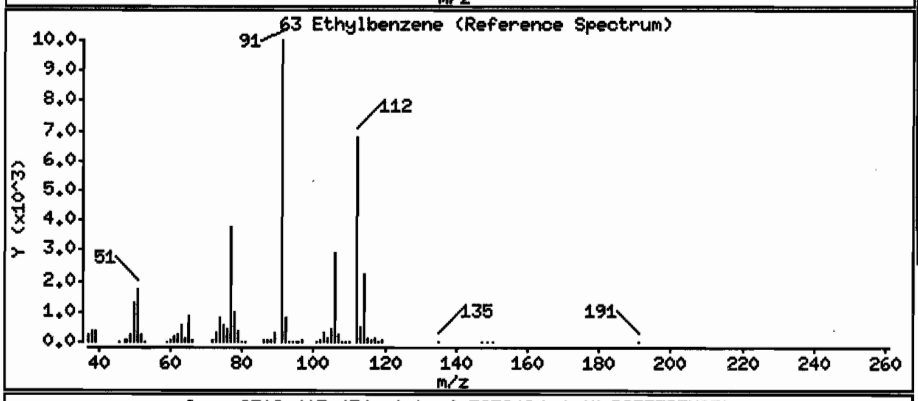
Column diameter: 0.32

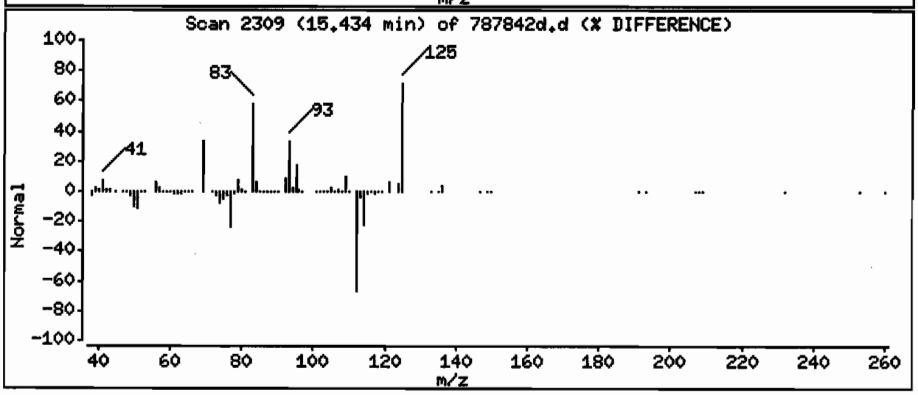
63 Ethylbenzene

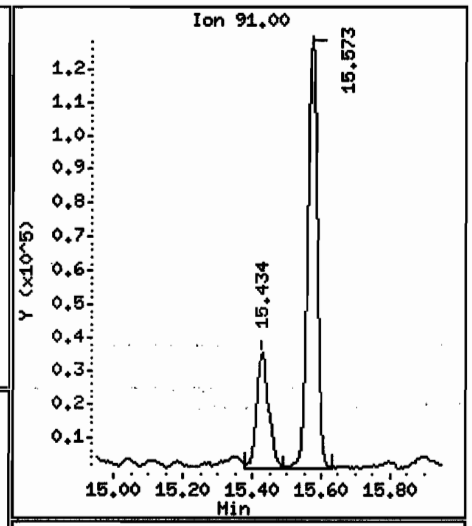
Concentration: 15 ppbv

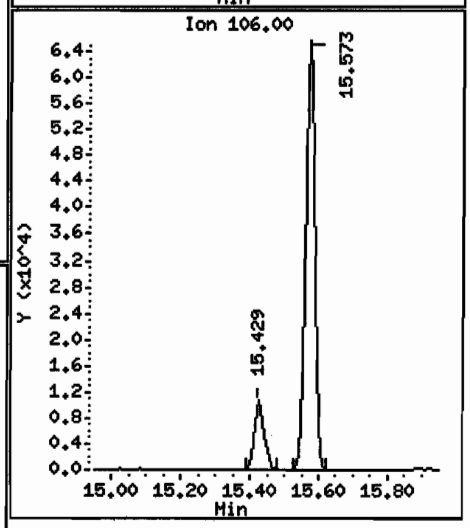












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787842d.d

Date : 13-MAR-2009 00:33

Client ID: VP-39V9.5N

Instrument: G.i

Sample Info: 20090305VP-39V9.5N :[ ]03/05/09 @1417(AIR)

Purge Volume: 44.0

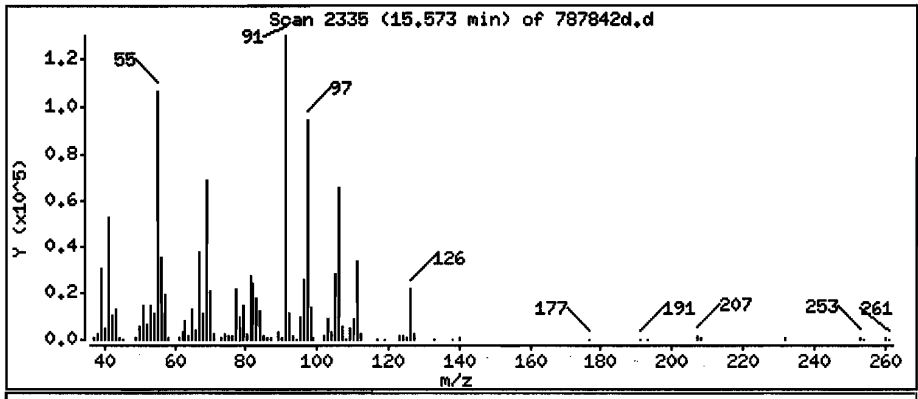
Operator: njr

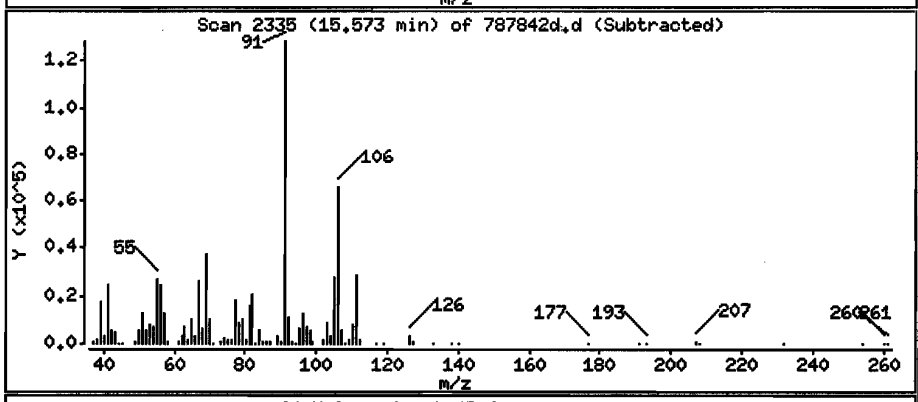
Column phase: RTX-624

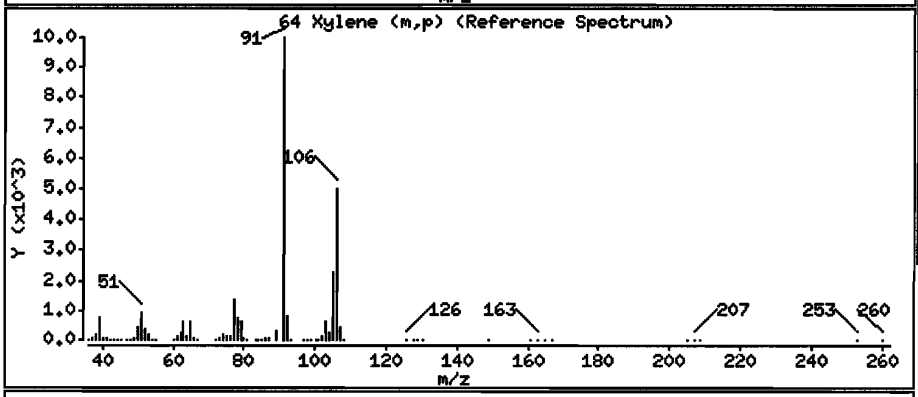
Column diameter: 0.32

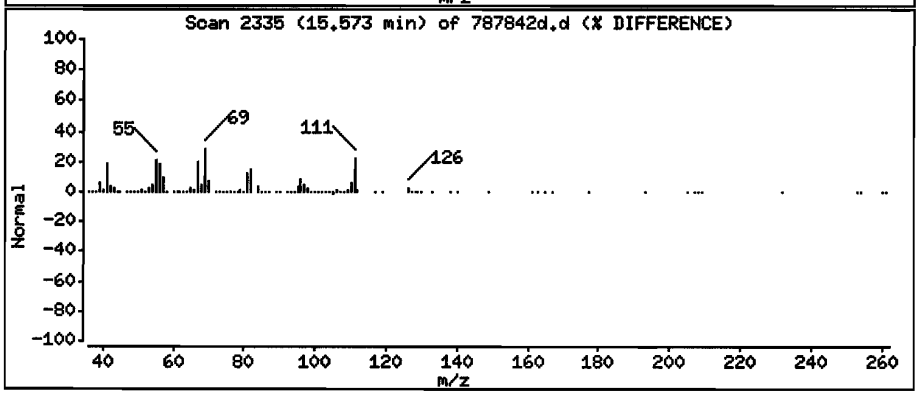
64 Xylene (m,p)

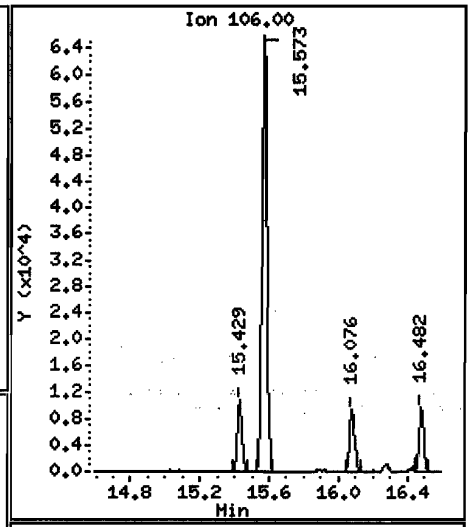
Concentration: 61 ppbv

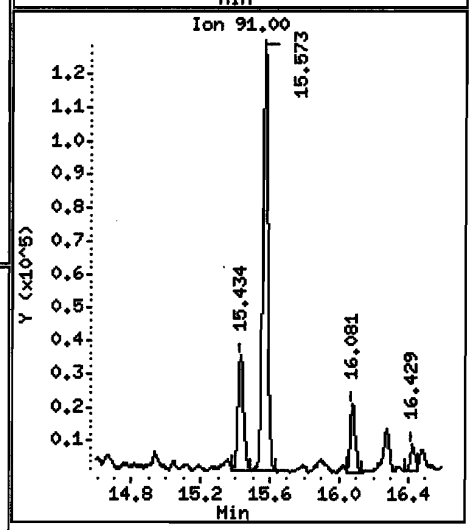












Data File: /chem/G.i/Gsvr.p/gdhuto15.b/787842d.d

Date : 13-MAR-2009 00:33

Client ID: VP-39V9.5N

Instrument: G.i

Sample Info: 20090305VP-39V9.5N :[ ]03/05/09 @1417(AIR)

Purge Volume: 44.0

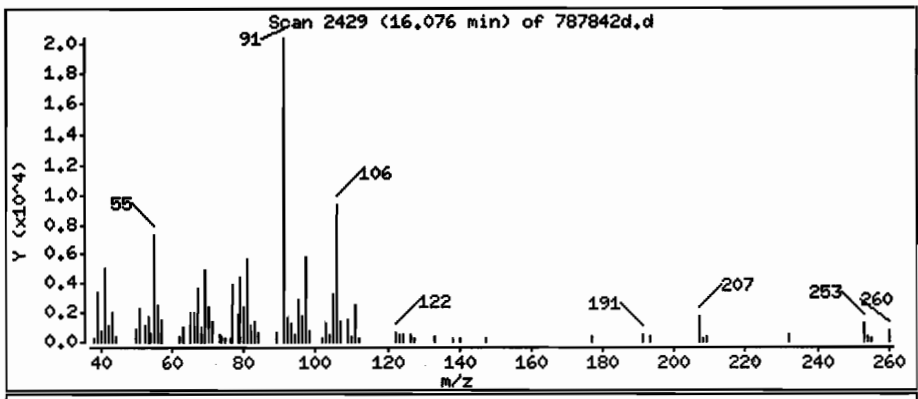
Operator: njr

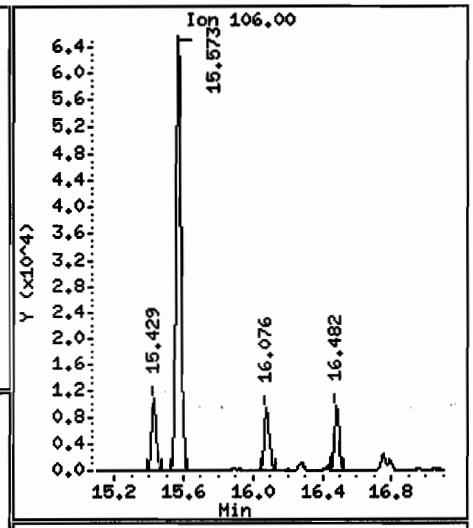
Column phase: RTX-624

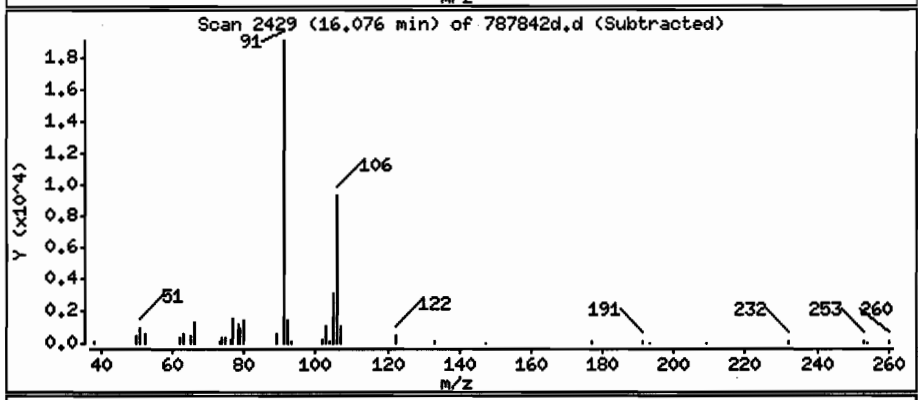
Column diameter: 0.32

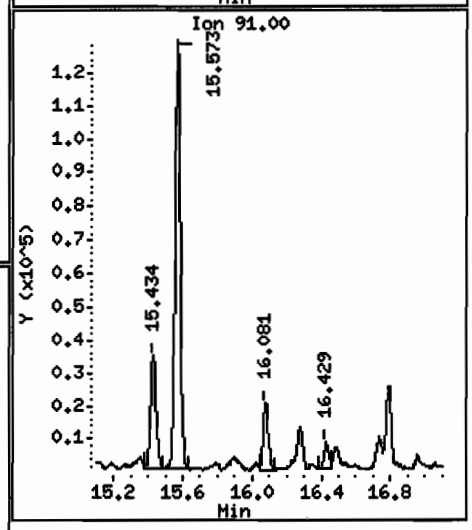
65 Xylene (o)

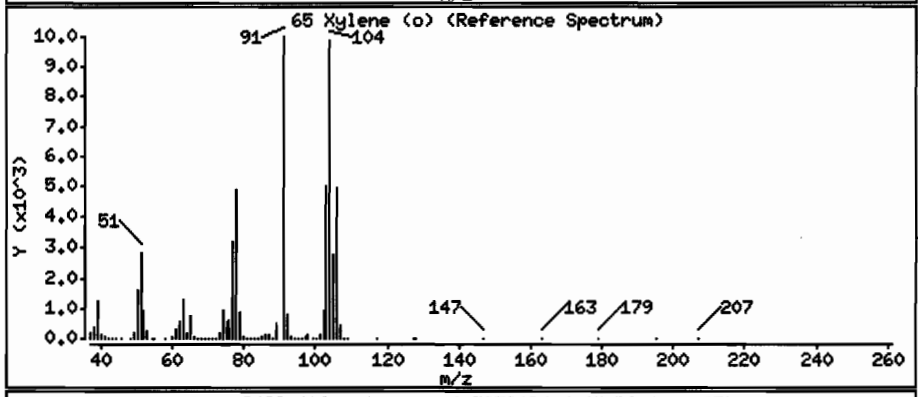
Concentration: 9.0 ppbv

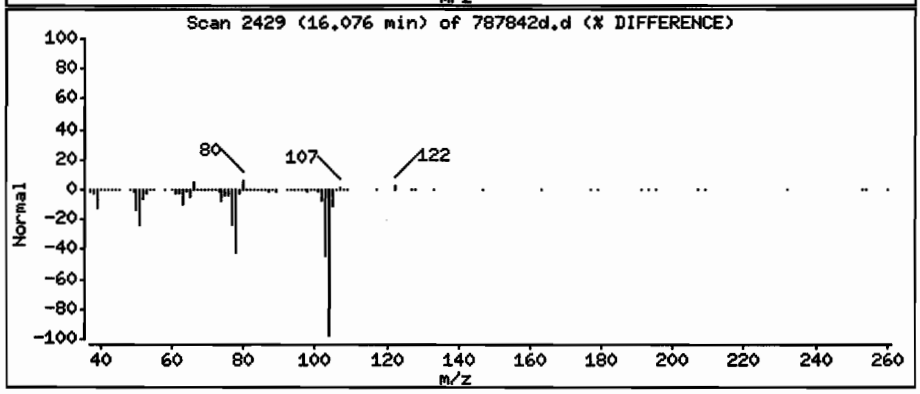












Standards – TO-15 Volatile

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Instrument ID: G Calibration Date(s): 02/16/09 02/17/09

Heated Purge: (Y/N) N Calibration Time(s): 1901 0038

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=GDH002V RRF0.5=GDH005V
RRF2 = RRF5 =GDH05V RRF10 =GDH10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD
Chloromethane		0.501		0.443	0.477		
Vinyl Chloride	0.626	0.639		0.597	0.656		
Bromomethane	0.788	0.804		0.733	0.813		
Chloroethane		0.356		0.316	0.358		
1,1-Dichloroethene	0.705	0.676		0.621	0.690		
Acetone				0.845	0.925		
Carbon Disulfide		2.086		1.985	2.190		
Methylene Chloride		1.090		0.748	0.796		
trans-1,2-Dichloroethene	1.022	1.130		1.062	1.164		
1,1-Dichloroethane *	1.348	1.395		1.288	1.405		*
Methyl Ethyl Ketone		0.256		0.232	0.262		
cis-1,2-Dichloroethene	0.786	0.788		0.732	0.808		
Chloroform	1.743	1.769		1.663	1.770		
1,1,1-Trichloroethane	0.396	0.488		0.408	0.458		
Carbon Tetrachloride	0.432	0.536		0.467	0.524		
Benzene	0.491	0.556		0.446	0.489		
1,2-Dichloroethane	0.234	0.280		0.235	0.255		
Trichloroethene	0.236	0.290		0.239	0.266		
1,2-Dichloropropane	0.170	0.190		0.160	0.176		
Bromodichloromethane	0.354	0.443		0.391	0.439		
cis-1,3-Dichloropropene	0.263	0.296		0.262	0.295		
Methyl Isobutyl Ketone		0.304		0.241	0.282		
Toluene	0.350	0.371		0.333	0.356		
trans-1,3-Dichloropropene	0.275	0.304		0.276	0.305		
1,1,2-Trichloroethane	0.182	0.205		0.179	0.189		
Tetrachloroethene	0.380	0.432		0.370	0.404		
Methyl Butyl Ketone		0.277		0.248	0.281		
Dibromochloromethane	0.388	0.459		0.457	0.508		
Chlorobenzene *	0.502	0.562		0.492	0.532		*
Ethylbenzene	0.781	0.814		0.740	0.778		
Xylene (m,p)	0.281	0.298		0.286	0.300		
Xylene (o)	0.274	0.288		0.280	0.292		
Styrene	0.323	0.377		0.423	0.461		
Bromoform	0.379	0.454		0.496	0.550		
1,1,2,2-Tetrachloroethane	0.442	0.471		0.449	0.468		

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

page 1 of 2

FORM VI VOA

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Instrument ID: G Calibration Date(s): 02/16/09 02/17/09

Heated Purge: (Y/N) N Calibration Time(s): 1901 0038

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =GDH15V RRF20 =GDH20V2
RRF40 =GDH40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Chloromethane		0.449	0.446			0.463	5.4
Vinyl Chloride		0.626	0.624			0.628	3.1
Bromomethane		0.790	0.798			0.788	3.6
Chloroethane		0.342	0.346			0.344	4.9
1,1-Dichloroethene		0.720	0.704			0.686	5.1
Acetone	0.768	0.838	0.861			0.847	6.6
Carbon Disulfide		2.225	2.210			2.139	4.8
Methylene Chloride		0.772	0.756			0.832	17.4
trans-1,2-Dichloroethene		1.147	1.134			1.110	5.0
1,1-Dichloroethane *		1.403	1.381			1.370	3.3*
Methyl Ethyl Ketone		0.272	0.283			0.261	7.4
cis-1,2-Dichloroethene		0.832	0.826			0.795	4.6
Chloroform		1.788	1.784			1.753	2.7
1,1,1-Trichloroethane		0.438	0.462			0.442	7.8
Carbon Tetrachloride		0.505	0.534			0.500	8.4
Benzene		0.498	0.522			0.500	7.4
1,2-Dichloroethane		0.248	0.260			0.252	6.8
Trichloroethene		0.262	0.275			0.261	8.0
1,2-Dichloropropane		0.183	0.188			0.178	6.5
Bromodichloromethane		0.436	0.456			0.420	9.2
cis-1,3-Dichloropropene		0.311	0.322			0.292	8.5
Methyl Isobutyl Ketone		0.265	0.279			0.274	8.5
Toluene		0.390	0.376			0.363	5.7
trans-1,3-Dichloropropene		0.327	0.342			0.305	8.8
1,1,2-Trichloroethane		0.206	0.199			0.193	6.0
Tetrachloroethene		0.434	0.434			0.409	7.1
Methyl Butyl Ketone		0.272	0.269			0.269	4.7
Dibromochloromethane		0.542	0.537			0.482	12.2
Chlorobenzene *		0.582	0.567			0.540	6.9*
Ethylbenzene		0.874	0.828			0.802	5.8
Xylene (m,p)		0.347	0.333			0.308	8.6
Xylene (o)		0.339	0.324			0.300	8.6
Styrene		0.542	0.529			0.442	19.3
Bromoform		0.620	0.622			0.520	18.5
1,1,2,2-Tetrachloroethane		0.524	0.503			0.476	6.6

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

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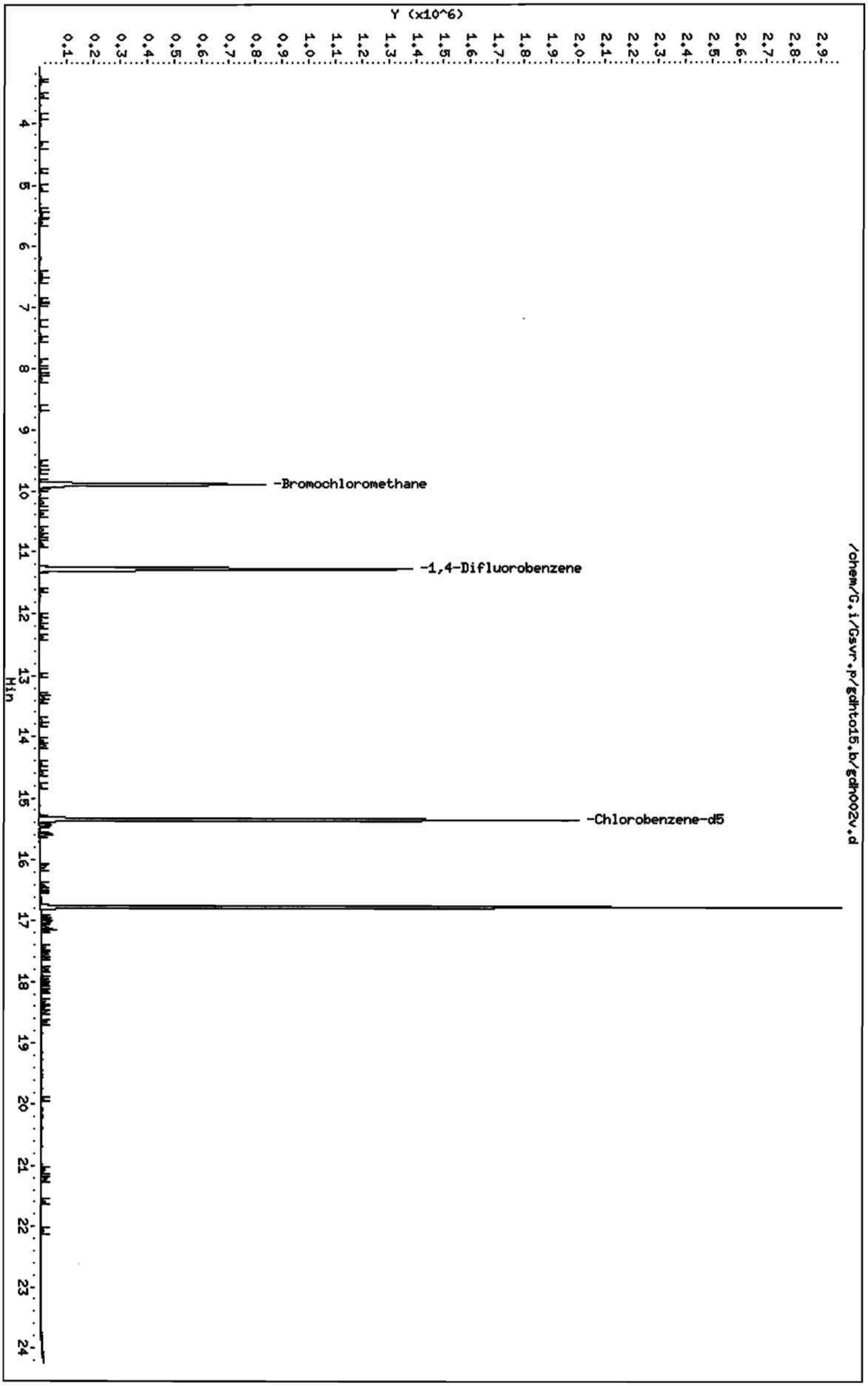
FORM VI VOA

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh002v.d
Date : 16-FEB-2009 19:01
Client ID: ASTD0.2
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: pad
Column diameter: 0.32



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TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhto15.b/gdh002v.d
Lab Smp Id: ASTD0.2 Client Smp ID: ASTD0.2
Inj Date : 16-FEB-2009 19:01
Operator : pad Inst ID: G.i
Smp Info :
Misc Info : ASTD0.2;021609GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhto15.b/sto15.m
Meth Date : 17-Feb-2009 11:30 cmp Quant Type: ISTD
Cal Date : 16-FEB-2009 19:01 Cal File: gdh002v.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all002.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
3 1,2-Dichlorotetrafluoroethane	85	3.563	3.552	(0.360)	11319	0.20000	0.20
6 Vinyl Chloride	62	3.953	3.943	(0.400)	3825	0.20000	0.20
9 Bromomethane	94	4.772	4.756	(0.482)	4815	0.20000	0.20
11 Isopentane	43	5.050	5.039	(0.511)	4838	0.20000	0.20
12 Bromoethene	106	5.398	5.382	(0.546)	4684	0.20000	0.20
13 Trichlorofluoromethane	101	5.478	5.467	(0.554)	14465	0.20000	0.20
15 Ethyl Ether	59	6.195	6.104	(0.626)	2302	0.20000	0.20(Q)
17 Freon TF	101	6.462	6.462	(0.653)	8979	0.20000	0.20
18 1,1-Dichloroethene	96	6.553	6.543	(0.663)	4303	0.20000	0.20(Q)
27 trans-1,2-Dichloroethene	61	7.891	7.880	(0.798)	6243	0.20000	0.20
29 1,1-Dichloroethane	63	8.634	8.640	(0.873)	8229	0.20000	0.20
31 cis-1,2-Dichloroethene	96	9.517	9.523	(0.962)	4798	0.20000	0.20
* 32 Bromochloromethane	128	9.892	9.892	(1.000)	305296	10.0000	
34 Chloroform	83	9.961	9.961	(1.007)	10642	0.20000	0.20
M 40 1,2-Dichloroethene (total)	61				11041	0.40000	0.40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	36 Cyclohexane	84	10.170	10.175	(0.902)	5572	0.20000	0.20
	35 1,1,1-Trichloroethane	97	10.197	10.197	(0.904)	11440	0.20000	0.20
	37 Carbon Tetrachloride	117	10.378	10.378	(0.920)	12469	0.20000	0.20
	38 2,2,4-Trimethylpentane	57	10.651	10.651	(0.944)	20101	0.20000	0.20
	39 Benzene	78	10.732	10.732	(0.952)	14180	0.20000	0.20
	42 n-Heptane	43	10.892	10.897	(0.966)	7805	0.20000	0.20
	41 1,2-Dichloroethane	62	10.860	10.860	(0.963)	6777	0.20000	0.20
*	43 1,4-Difluorobenzene	114	11.277	11.277	(1.000)	1444384	10.0000	
	45 Trichloroethene	95	11.620	11.620	(1.030)	6804	0.20000	0.20
	47 1,2-Dichloropropane	63	12.031	12.021	(1.067)	4904	0.20000	0.20
	49 Dibromomethane	174	12.208	12.203	(1.083)	6960	0.20000	0.20
	50 Bromodichloromethane	83	12.374	12.374	(1.097)	10240	0.20000	0.20
	51 cis-1,3-Dichloropropene	75	13.000	13.000	(1.153)	7588	0.20000	0.20
	53 n-Octane	43	13.358	13.358	(1.185)	10100	0.20000	0.20
	54 Toluene	92	13.412	13.412	(0.874)	9659	0.20000	0.20
	55 trans-1,3-Dichloropropene	75	13.802	13.797	(1.224)	7943	0.20000	0.20
	56 1,1,2-Trichloroethane	83	14.075	14.070	(0.917)	5043	0.20000	0.20
	57 Tetrachloroethene	166	14.150	14.155	(0.922)	10512	0.20000	0.20
	59 Dibromochloromethane	129	14.605	14.605	(0.952)	10731	0.20000	0.20
	60 1,2-Dibromoethane	107	14.808	14.808	(0.965)	9264	0.20000	0.20
	84 Nonane	57	15.439	15.439	(1.006)	9088	0.20000	0.20
*	61 Chlorobenzene-d5	117	15.348	15.348	(1.000)	1381313	10.0000	
	62 Chlorobenzene	112	15.380	15.386	(1.002)	13855	0.20000	0.20
	63 Ethylbenzene	91	15.450	15.450	(1.007)	21576	0.20000	0.20
M	70 Xylene (total)	106				23137	0.20000	0.61
	64 Xylene (m,p)	106	15.589	15.594	(1.016)	15553	0.40000	0.40(a)
	65 Xylene (o)	106	16.103	16.103	(1.049)	7584	0.20000	0.20
	66 Styrene	104	16.129	16.129	(1.051)	8934	0.20000	0.20
	67 Bromoform	173	16.424	16.424	(1.070)	10462	0.20000	0.20
	68 Cumene	105	16.504	16.504	(1.075)	22261	0.20000	0.20
	69 1,1,2,2-Tetrachloroethane	83	16.937	16.932	(1.104)	12217	0.20000	0.20
	72 n-Propylbenzene	91	16.980	16.980	(1.106)	24060	0.20000	0.20
	74 4-Ethyltoluene	105	17.103	17.103	(1.114)	20002	0.20000	0.20
	75 1,3,5-Trimethylbenzene	105	17.173	17.173	(1.119)	15100	0.20000	0.20
	76 2-Chlorotoluene	91	17.146	17.146	(1.117)	19835	0.20000	0.20
	77 a-Methylstyrene	118	17.451	17.445	(1.137)	5863	0.20000	0.20
	78 Tert-Butylbenzene	119	17.552	17.552	(1.144)	17725	0.20000	0.20
	79 1,2,4-Trimethylbenzene	105	17.622	17.622	(1.148)	13746	0.20000	0.20
	80 Sec-Butylbenzene	105	17.809	17.809	(1.160)	23158	0.20000	0.20
	81 4-Isopropyltoluene	119	17.970	17.964	(1.171)	16169	0.20000	0.20
	82 1,3-Dichlorobenzene	146	18.045	18.045	(1.176)	13294	0.20000	0.20
	83 1,4-Dichlorobenzene	146	18.162	18.157	(1.183)	12892	0.20000	0.20
	86 Benzyl Chloride	91	18.333	18.333	(1.194)	13234	0.20000	0.20
	87 n-Butylbenzene	91	18.483	18.483	(1.204)	11646	0.20000	0.20
	88 1,2-Dichlorobenzene	146	18.660	18.654	(1.216)	12187	0.20000	0.20
	91 Hexachlorobutadiene	225	21.238	21.228	(1.384)	7817	0.20000	0.20
	93 1,2,3-Trichlorobenzene	180	22.078	22.073	(1.438)	7388	0.20000	0.20

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh005v.d

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Date : 16-FEB-2009 19:49

Client ID: ASTD0.5

Instrument: G.i

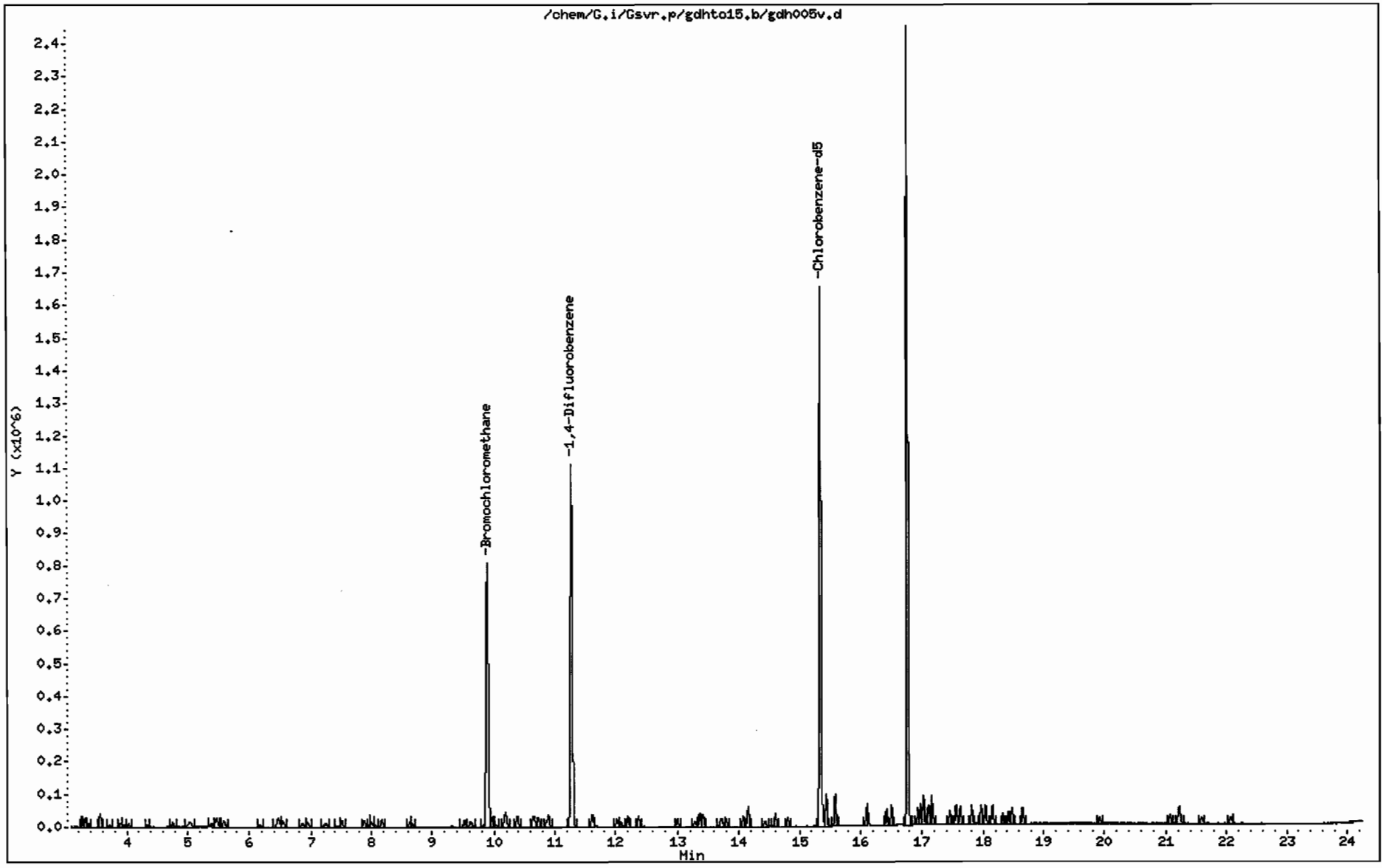
Sample Info:

Purge Volume: 200.0

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhto15.b/gdh005v.d
Lab Smp Id: ASTD0.5 Client Smp ID: ASTD0.5
Inj Date : 16-FEB-2009 19:49
Operator : pad Inst ID: G.i
Smp Info :
Misc Info : ASTD0.5;021609GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhto15.b/sto15.m
Meth Date : 17-Feb-2009 11:30 cmp Quant Type: ISTD
Cal Date : 16-FEB-2009 19:49 Cal File: gdh005v.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all005.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.317	3.311	(0.335)	26349	0.50000	0.50
2 Freon-22	51	3.365	3.360	(0.340)	13133	0.50000	0.50
3 1,2-Dichlorotetrafluoroethane	85	3.557	3.552	(0.360)	27843	0.50000	0.51
4 Chloromethane	50	3.713	3.702	(0.375)	7263	0.50000	0.50
5 n-Butane	43	3.894	3.889	(0.394)	13293	0.50000	0.50
6 Vinyl Chloride	62	3.953	3.943	(0.400)	9268	0.50000	0.50
7 1,3-Butadiene	54	4.023	4.018	(0.407)	5652	0.50000	0.50
9 Bromomethane	94	4.761	4.756	(0.481)	11667	0.50000	0.50
10 Chloroethane	64	5.002	4.986	(0.506)	5170	0.50000	0.50
11 Isopentane	43	5.045	5.039	(0.510)	11193	0.50000	0.49
12 Bromoethene	106	5.392	5.382	(0.545)	11641	0.50000	0.51
13 Trichlorofluoromethane	101	5.467	5.467	(0.553)	36432	0.50000	0.51
14 Pentane	43	5.590	5.590	(0.565)	17510	0.50000	0.50
15 Ethyl Ether	59	6.173	6.104	(0.624)	5573	0.50000	0.50
17 Freon TF	101	6.468	6.462	(0.654)	22395	0.50000	0.51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	18 1,1-Dichloroethene	96	6.543	6.543	(0.661)	9811	0.50000	0.49
	21 Carbon Disulfide	76	6.949	6.944	(0.703)	30266	0.50000	0.50
	22 3-Chloropropene	41	7.259	7.249	(0.734)	11984	0.50000	0.50
	24 Methylene Chloride	49	7.511	7.511	(0.759)	15813	0.50000	0.50
	26 Methyl tert-Butyl Ether	73	7.992	7.864	(0.808)	23353	0.50000	0.50
	27 trans-1,2-Dichloroethene	61	7.880	7.880	(0.797)	16393	0.50000	0.52
	28 n-Hexane	57	8.174	8.180	(0.826)	15129	0.50000	0.50
	29 1,1-Dichloroethane	63	8.634	8.640	(0.873)	20242	0.50000	0.51
	31 cis-1,2-Dichloroethene	96	9.522	9.523	(0.963)	11439	0.50000	0.50
	30 Methyl Ethyl Ketone	72	9.624	9.571	(0.973)	3721	0.50000	0.50(Q)
*	32 Bromochloromethane	128	9.891	9.892	(1.000)	290171	10.0000	
	34 Chloroform	83	9.961	9.961	(1.007)	25670	0.50000	0.50
M	40 1,2-Dichloroethene (total)	61				27832	1.00000	1.0
	36 Cyclohexane	84	10.170	10.175	(0.902)	13583	0.50000	0.55
	35 1,1,1-Trichloroethane	97	10.191	10.197	(0.904)	28082	0.50000	0.55
	37 Carbon Tetrachloride	117	10.373	10.378	(0.920)	30885	0.50000	0.55
	38 2,2,4-Trimethylpentane	57	10.651	10.651	(0.945)	46635	0.50000	0.54
	39 Benzene	78	10.726	10.732	(0.952)	32021	0.50000	0.53
	42 n-Heptane	43	10.892	10.897	(0.966)	18008	0.50000	0.54
	41 1,2-Dichloroethane	62	10.854	10.860	(0.963)	16099	0.50000	0.54
*	43 1,4-Difluorobenzene	114	11.272	11.277	(1.000)	1151180	10.0000	
	45 Trichloroethene	95	11.619	11.620	(1.031)	16676	0.50000	0.55
	46 Methyl Methacrylate	69	12.080	12.064	(1.072)	6694	0.50000	0.50
	47 1,2-Dichloropropane	63	12.021	12.021	(1.066)	10913	0.50000	0.53(Q)
	49 Dibromomethane	174	12.203	12.203	(1.083)	16785	0.50000	0.55
	50 Bromodichloromethane	83	12.368	12.374	(1.097)	25489	0.50000	0.56
	51 cis-1,3-Dichloropropene	75	12.994	13.000	(1.153)	17058	0.50000	0.53
	52 Methyl Isobutyl Ketone	43	13.283	13.198	(1.178)	17499	0.50000	0.50
	53 n-Octane	43	13.358	13.358	(1.185)	22266	0.50000	0.53
	54 Toluene	92	13.412	13.412	(0.874)	20442	0.50000	0.51
	55 trans-1,3-Dichloropropene	75	13.797	13.797	(1.224)	17471	0.50000	0.52
	56 1,1,2-Trichloroethane	83	14.070	14.070	(0.917)	11294	0.50000	0.53
	57 Tetrachloroethene	166	14.150	14.155	(0.922)	23843	0.50000	0.53
	58 Methyl Butyl Ketone	43	14.428	14.369	(0.940)	15292	0.50000	0.50
	59 Dibromochloromethane	129	14.599	14.605	(0.952)	25315	0.50000	0.54
	60 1,2-Dibromoethane	107	14.803	14.808	(0.965)	20767	0.50000	0.53
	84 Nonane	57	15.434	15.439	(1.006)	17782	0.50000	0.50
*	61 Chlorobenzene-d5	117	15.343	15.348	(1.000)	1102563	10.0000	
	62 Chlorobenzene	112	15.380	15.386	(1.002)	30995	0.50000	0.53
	63 Ethylbenzene	91	15.444	15.450	(1.007)	44853	0.50000	0.51
M	70 Xylene (total)	106				48710	0.50000	1.6
	64 Xylene (m,p)	106	15.594	15.594	(1.016)	32819	1.00000	1.0
	65 Xylene (o)	106	16.097	16.103	(1.049)	15891	0.50000	0.51
	66 Styrene	104	16.129	16.129	(1.051)	20802	0.50000	0.54
	67 Bromoform	173	16.423	16.424	(1.070)	25032	0.50000	0.55
	68 Cumene	105	16.504	16.504	(1.076)	46706	0.50000	0.51
	69 1,1,2,2-Tetrachloroethane	83	16.932	16.932	(1.104)	25982	0.50000	0.52

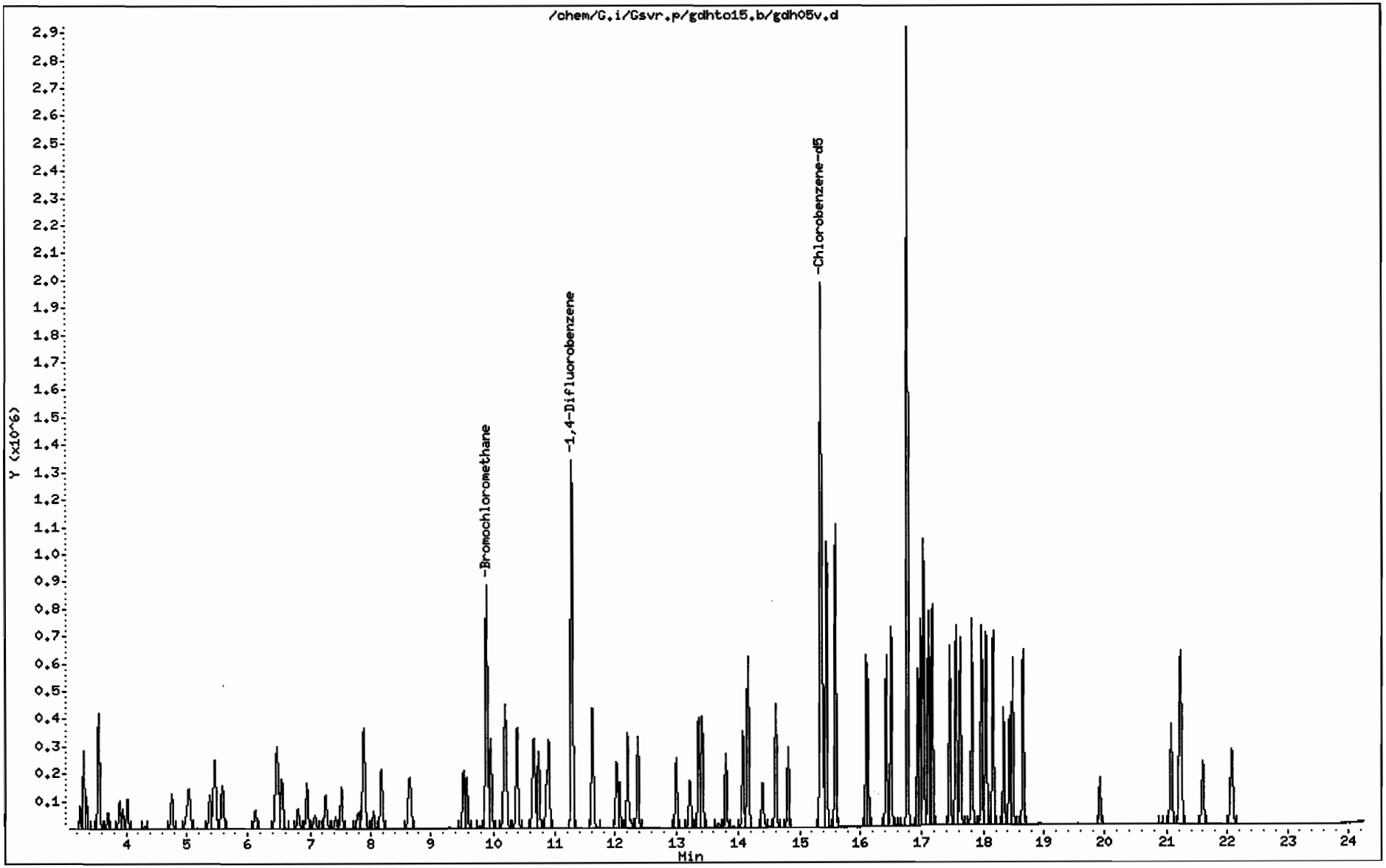
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
71 n-Decane	57	17.023	17.023	(1.109)	18248	0.50000	0.50
72 n-Propylbenzene	91	16.974	16.980	(1.106)	53610	0.50000	0.53
73 1,2,3-Trichloropropane	75	17.017	17.017	(1.109)	21105	0.50000	0.50
74 4-Ethyltoluene	105	17.103	17.103	(1.115)	41689	0.50000	0.51
75 1,3,5-Trimethylbenzene	105	17.167	17.173	(1.119)	34793	0.50000	0.54
76 2-Chlorotoluene	91	17.140	17.146	(1.117)	40374	0.50000	0.50
77 a-Methylstyrene	118	17.445	17.445	(1.137)	14015	0.50000	0.55
78 Tert-Butylbenzene	119	17.547	17.552	(1.144)	35322	0.50000	0.50
79 1,2,4-Trimethylbenzene	105	17.622	17.622	(1.149)	33741	0.50000	0.55
80 Sec-Butylbenzene	105	17.804	17.809	(1.160)	50849	0.50000	0.52
81 4-Isopropyltoluene	119	17.964	17.964	(1.171)	40956	0.50000	0.56
82 1,3-Dichlorobenzene	146	18.039	18.045	(1.176)	28770	0.50000	0.52
83 1,4-Dichlorobenzene	146	18.157	18.157	(1.183)	28571	0.50000	0.53
86 Benzyl Chloride	91	18.328	18.333	(1.195)	31841	0.50000	0.55
87 n-Butylbenzene	91	18.483	18.483	(1.205)	35074	0.50000	0.60
88 1,2-Dichlorobenzene	146	18.654	18.654	(1.216)	26728	0.50000	0.52
90 1,2,4-Trichlorobenzene	180	21.078	21.073	(1.374)	16601	0.50000	0.50
91 Hexachlorobutadiene	225	21.227	21.228	(1.384)	19793	0.50000	0.56
92 Naphthalene	128	21.591	21.597	(1.407)	27168	0.50000	0.50
93 1,2,3-Trichlorobenzene	180	22.078	22.073	(1.439)	14194	0.50000	0.49

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh05v.d
Date : 16-FEB-2009 20:37
Client ID: ASTD005
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhto15.b/gdh05v.d
Lab Smp Id: ASTD005 Client Smp ID: ASTD005
Inj Date : 16-FEB-2009 20:37
Operator : pad Inst ID: G.i
Smp Info :
Misc Info : ASTD005;021609GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhto15.b/sto15.m
Meth Date : 17-Feb-2009 11:30 cmp Quant Type: ISTD
Cal Date : 16-FEB-2009 20:37 Cal File: gdh05v.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.312	3.311	(0.335)	263659	5.00000	4.8
2 Freon-22	51	3.360	3.360	(0.340)	123270	5.00000	4.7
3 1,2-Dichlorotetrafluoroethane	85	3.558	3.552	(0.360)	279669	5.00000	4.9
4 Chloromethane	50	3.702	3.702	(0.374)	68469	5.00000	4.7
8 Methanol	31	Compound Not Detected.					
5 n-Butane	43	3.895	3.889	(0.394)	109701	5.00000	4.4
6 Vinyl Chloride	62	3.943	3.943	(0.399)	92232	5.00000	4.8
7 1,3-Butadiene	54	4.023	4.018	(0.407)	59291	5.00000	5.0
9 Bromomethane	94	4.751	4.756	(0.480)	113359	5.00000	4.7
10 Chloroethane	64	4.991	4.986	(0.505)	48854	5.00000	4.7
11 Isopentane	43	5.039	5.039	(0.509)	101594	5.00000	4.4
12 Bromoethene	106	5.387	5.382	(0.545)	117821	5.00000	4.9
13 Trichlorofluoromethane	101	5.467	5.467	(0.553)	361533	5.00000	4.9
14 Pentane	43	5.590	5.590	(0.565)	155406	5.00000	4.5
15 Ethyl Ether	59	6.120	6.104	(0.619)	58252	5.00000	5.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	17 Freon TF	101	6.463	6.462	(0.653)	225565	5.00000	4.9
	16 Acrolein	56	6.505	6.495	(0.658)	32326	5.00000	5.0
	18 1,1-Dichloroethene	96	6.543	6.543	(0.661)	96000	5.00000	4.7
	19 Acetone	43	6.800	6.789	(0.687)	130634	5.00000	5.0
	20 Isopropyl Alcohol	45	7.072	7.035	(0.715)	92783	5.00000	5.0
	21 Carbon Disulfide	76	6.944	6.944	(0.702)	306851	5.00000	4.9
	22 3-Chloropropene	41	7.249	7.249	(0.733)	110399	5.00000	4.6
	23 Acetonitrile	41	7.415	7.409	(0.750)	58177	5.00000	5.0
	24 Methylene Chloride	49	7.506	7.511	(0.759)	115660	5.00000	4.1
	25 tert-Butyl Alcohol	59	7.784	7.741	(0.787)	139061	5.00000	5.0
	26 Methyl tert-Butyl Ether	73	7.891	7.864	(0.798)	246671	5.00000	5.0
	27 trans-1,2-Dichloroethene	61	7.880	7.880	(0.797)	164255	5.00000	5.0
	28 n-Hexane	57	8.174	8.180	(0.826)	147211	5.00000	4.8
	29 1,1-Dichloroethane	63	8.634	8.640	(0.873)	199150	5.00000	4.8
	30 Methyl Ethyl Ketone	72	9.581	9.571	(0.969)	35791	5.00000	4.7
	31 cis-1,2-Dichloroethene	96	9.523	9.523	(0.963)	113075	5.00000	4.8
*	32 Bromochloromethane	128	9.892	9.892	(1.000)	309158	10.0000	
	34 Chloroform	83	9.961	9.961	(1.007)	257125	5.00000	4.8
	33 Tetrahydrofuran	42	9.940	9.924	(0.881)	80963	5.00000	5.0
	35 1,1,1-Trichloroethane	97	10.197	10.197	(0.904)	286684	5.00000	4.7
	36 Cyclohexane	84	10.170	10.175	(0.902)	142226	5.00000	4.8
	37 Carbon Tetrachloride	117	10.378	10.378	(0.920)	327744	5.00000	4.9
	38 2,2,4-Trimethylpentane	57	10.646	10.651	(0.944)	475218	5.00000	4.7
	39 Benzene	78	10.726	10.732	(0.951)	312650	5.00000	4.5
	42 n-Heptane	43	10.892	10.897	(0.966)	172701	5.00000	4.5
	41 1,2-Dichloroethane	62	10.855	10.860	(0.963)	164981	5.00000	4.7
*	43 1,4-Difluorobenzene	114	11.277	11.277	(1.000)	1403513	10.0000	
M	40 1,2-Dichloroethene (total)	61				277330	10.0000	9.7
	44 1-Butanol	56	11.609	11.582	(1.029)	41694	5.00000	5.0(Q)
	45 Trichloroethene	95	11.614	11.620	(1.030)	167671	5.00000	4.7
	46 Methyl Methacrylate	69	12.064	12.064	(1.070)	76728	5.00000	4.8
	47 1,2-Dichloropropane	63	12.021	12.021	(1.066)	112079	5.00000	4.6
	48 1,4-Dioxane	88	12.251	12.208	(1.086)	35105	5.00000	5.0
	49 Dibromomethane	174	12.203	12.203	(1.082)	168987	5.00000	4.7
	50 Bromodichloromethane	83	12.374	12.374	(1.097)	274593	5.00000	4.9
	51 cis-1,3-Dichloropropene	75	12.995	13.000	(1.152)	183651	5.00000	4.8
	52 Methyl Isobutyl Ketone	43	13.214	13.198	(1.172)	169123	5.00000	4.4
	53 n-Octane	43	13.358	13.358	(1.185)	234237	5.00000	4.7
	54 Toluene	92	13.412	13.412	(0.874)	222380	5.00000	4.7
	55 trans-1,3-Dichloropropene	75	13.797	13.797	(1.223)	193622	5.00000	4.8
	56 1,1,2-Trichloroethane	83	14.070	14.070	(0.917)	119559	5.00000	4.7
	57 Tetrachloroethene	166	14.150	14.155	(0.922)	247054	5.00000	4.7
	58 Methyl Butyl Ketone	43	14.391	14.369	(0.938)	166016	5.00000	4.7
	59 Dibromochloromethane	129	14.605	14.605	(0.952)	304997	5.00000	5.3
	60 1,2-Dibromoethane	107	14.808	14.808	(0.965)	235584	5.00000	5.0
	84 Nonane	57	15.439	15.439	(1.006)	213457	5.00000	4.9
*	61 Chlorobenzene-d5	117	15.343	15.348	(1.000)	1335940	10.0000	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 Chlorobenzene	112	15.380	15.386	(1.002)	328314	5.00000	4.7
63 Ethylbenzene	91	15.445	15.450	(1.007)	494267	5.00000	4.8
64 Xylene (m,p)	106	15.594	15.594	(1.016)	382834	10.0000	9.9
65 Xylene (o)	106	16.097	16.103	(1.049)	187263	5.00000	5.0
66 Styrene	104	16.129	16.129	(1.051)	282846	5.00000	5.7
67 Bromoform	173	16.424	16.424	(1.070)	331505	5.00000	5.6
68 Cumene	105	16.504	16.504	(1.076)	560873	5.00000	5.1
69 1,1,2,2-Tetrachloroethane	83	16.932	16.932	(1.104)	299809	5.00000	4.9
71 n-Decane	57	17.023	17.023	(1.109)	234453	5.00000	5.1
72 n-Propylbenzene	91	16.980	16.980	(1.107)	651228	5.00000	5.2
73 1,2,3-Trichloropropane	75	17.017	17.017	(1.109)	234155	5.00000	4.8
74 4-Ethyltoluene	105	17.103	17.103	(1.115)	543464	5.00000	5.3
75 1,3,5-Trimethylbenzene	105	17.173	17.173	(1.119)	453706	5.00000	5.5
76 2-Chlorotoluene	91	17.146	17.146	(1.117)	489143	5.00000	5.0
77 a-Methylstyrene	118	17.445	17.445	(1.137)	226297	5.00000	6.3
78 Tert-Butylbenzene	119	17.552	17.552	(1.144)	433632	5.00000	5.0
M 70 Xylene (total)	106				570097	5.00000	15
79 1,2,4-Trimethylbenzene	105	17.622	17.622	(1.149)	439164	5.00000	5.6
80 Sec-Butylbenzene	105	17.809	17.809	(1.161)	639987	5.00000	5.3
81 4-Isopropyltoluene	119	17.964	17.964	(1.171)	510401	5.00000	5.5
82 1,3-Dichlorobenzene	146	18.039	18.045	(1.176)	362022	5.00000	5.3
83 1,4-Dichlorobenzene	146	18.157	18.157	(1.183)	359087	5.00000	5.3
85 n-Undecane	57	18.424	18.424	(1.201)	173436	5.00000	5.0
86 Benzyl Chloride	91	18.328	18.333	(1.195)	383519	5.00000	5.3
87 n-Butylbenzene	91	18.478	18.483	(1.204)	432111	5.00000	5.7
88 1,2-Dichlorobenzene	146	18.654	18.654	(1.216)	344344	5.00000	5.4
89 n-Dodecane	57	19.917	19.922	(1.298)	88390	5.00000	5.0
90 1,2,4-Trichlorobenzene	180	21.073	21.073	(1.373)	200386	5.00000	5.0
91 Hexachlorobutadiene	225	21.228	21.228	(1.384)	248120	5.00000	5.5
92 Naphthalene	128	21.591	21.597	(1.407)	330773	5.00000	5.0
93 1,2,3-Trichlorobenzene	180	22.073	22.073	(1.439)	167820	5.00000	4.9

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh10v.d

Date : 16-FEB-2009 21:25

Client ID: ASTD010

Sample Info:

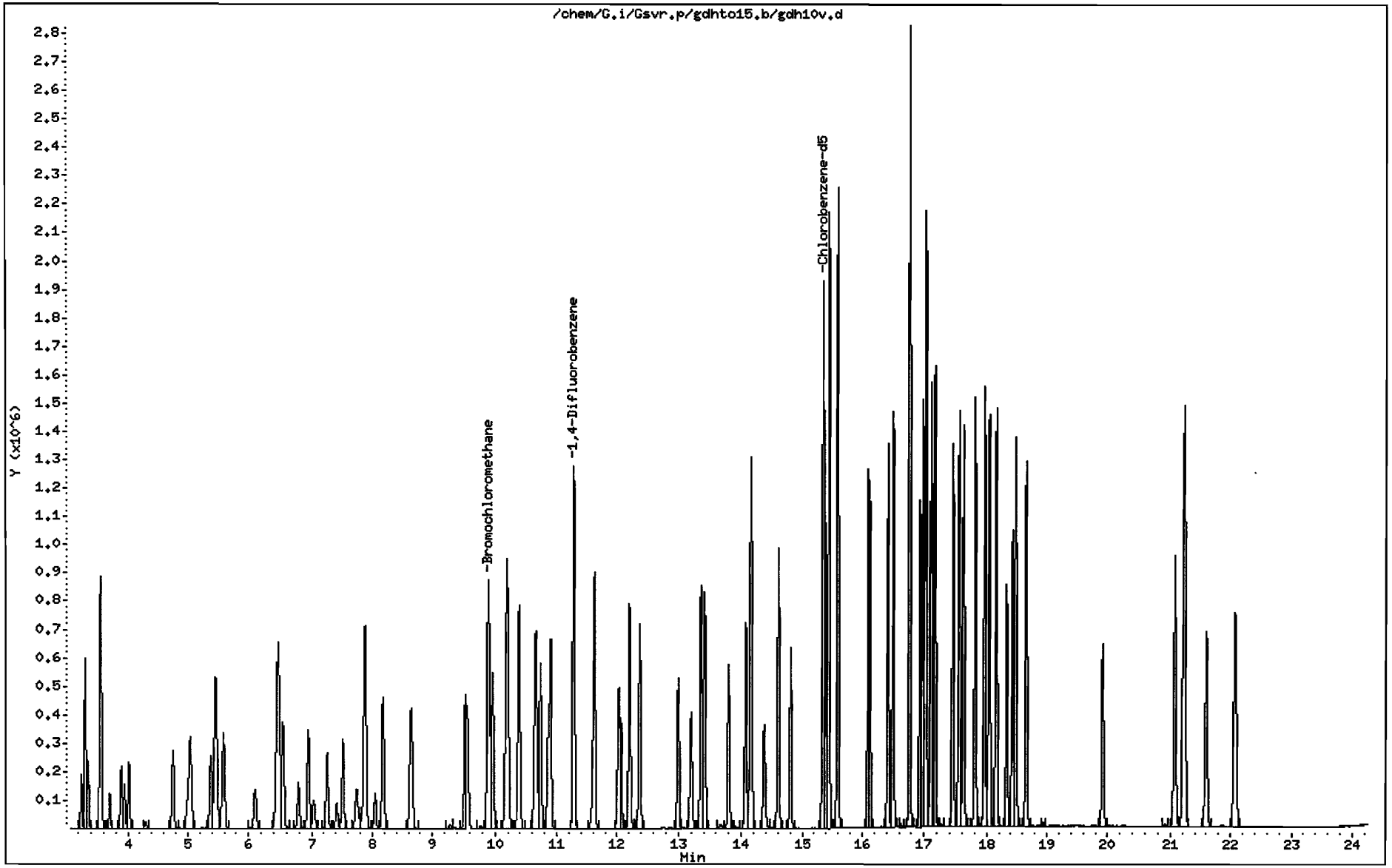
Purge Volume: 200.0

Column phase: RTX-624

Instrument: G.i

Operator: pad

Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhto15.b/gdh10v.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 16-FEB-2009 21:25
Operator : pad Inst ID: G.i
Smp Info :
Misc Info : ASTD010;021609GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhto15.b/sto15.m
Meth Date : 17-Feb-2009 11:30 cmp Quant Type: ISTD
Cal Date : 16-FEB-2009 21:25 Cal File: gdh10v.d
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.311	3.311	(0.335)	560519	10.0000	10
2 Freon-22	51	3.360	3.360	(0.340)	257119	10.0000	10
3 1,2-Dichlorotetrafluoroethane	85	3.552	3.552	(0.359)	598493	10.0000	11
4 Chloromethane	50	3.702	3.702	(0.374)	143217	10.0000	10
8 Methanol	31	Compound Not Detected.					
5 n-Butane	43	3.889	3.889	(0.393)	235355	10.0000	9.8
6 Vinyl Chloride	62	3.943	3.943	(0.399)	197223	10.0000	10
7 1,3-Butadiene	54	4.018	4.018	(0.406)	130606	10.0000	11
9 Bromomethane	94	4.756	4.756	(0.481)	244369	10.0000	10
10 Chloroethane	64	4.986	4.986	(0.504)	107605	10.0000	10
11 Isopentane	43	5.039	5.039	(0.509)	214734	10.0000	9.7
12 Bromoethene	106	5.382	5.382	(0.544)	253034	10.0000	11
13 Trichlorofluoromethane	101	5.467	5.467	(0.553)	765767	10.0000	10
14 Pentane	43	5.590	5.590	(0.565)	335420	10.0000	10
15 Ethyl Ether	59	6.104	6.104	(0.617)	117508	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	17 Freon TF	101	6.462	6.462	(0.653)	480852	10.0000	11
	16 Acrolein	56	6.495	6.495	(0.657)	62949	10.0000	10
	18 1,1-Dichloroethene	96	6.543	6.543	(0.661)	207452	10.0000	10
	19 Acetone	43	6.789	6.789	(0.686)	278072	10.0000	10
	20 Isopropyl Alcohol	45	7.035	7.035	(0.711)	186501	10.0000	10
	21 Carbon Disulfide	76	6.944	6.944	(0.702)	658147	10.0000	10
	22 3-Chloropropene	41	7.249	7.249	(0.733)	234698	10.0000	10
	23 Acetonitrile	41	7.409	7.409	(0.749)	117077	10.0000	10
	24 Methylene Chloride	49	7.511	7.511	(0.759)	239039	10.0000	9.1
	25 tert-Butyl Alcohol	59	7.741	7.741	(0.783)	325808	10.0000	11
	26 Methyl tert-Butyl Ether	73	7.864	7.864	(0.795)	504378	10.0000	10
	27 trans-1,2-Dichloroethene	61	7.880	7.880	(0.797)	349736	10.0000	11
	28 n-Hexane	57	8.180	8.180	(0.827)	318147	10.0000	10
	29 1,1-Dichloroethane	63	8.640	8.640	(0.873)	422184	10.0000	10
	30 Methyl Ethyl Ketone	72	9.571	9.571	(0.968)	78640	10.0000	10
	31 cis-1,2-Dichloroethene	96	9.523	9.523	(0.963)	242757	10.0000	10
*	32 Bromochloromethane	128	9.892	9.892	(1.000)	300486	10.0000	
	34 Chloroform	83	9.961	9.961	(1.007)	531748	10.0000	10
	33 Tetrahydrofuran	42	9.924	9.924	(0.880)	163267	10.0000	10
	35 1,1,1-Trichloroethane	97	10.197	10.197	(0.904)	610060	10.0000	10
	36 Cyclohexane	84	10.175	10.175	(0.902)	302978	10.0000	11
	37 Carbon Tetrachloride	117	10.378	10.378	(0.920)	698212	10.0000	11
	38 2,2,4-Trimethylpentane	57	10.651	10.651	(0.944)	999227	10.0000	10
	39 Benzene	78	10.732	10.732	(0.952)	651613	10.0000	9.9
	42 n-Heptane	43	10.897	10.897	(0.966)	359146	10.0000	9.8
	41 1,2-Dichloroethane	62	10.860	10.860	(0.963)	339439	10.0000	10
*	43 1,4-Difluorobenzene	114	11.277	11.277	(1.000)	1333048	10.0000	
M	40 1,2-Dichloroethene (total)	61				592493	20.0000	21
	44 1-Butanol	56	11.582	11.582	(1.027)	81230	10.0000	10(Q)
	45 Trichloroethene	95	11.620	11.620	(1.030)	355003	10.0000	10
	46 Methyl Methacrylate	69	12.064	12.064	(1.070)	172236	10.0000	11
	47 1,2-Dichloropropane	63	12.021	12.021	(1.066)	234472	10.0000	10
	48 1,4-Dioxane	88	12.208	12.208	(1.083)	69514	10.0000	10
	49 Dibromomethane	174	12.203	12.203	(1.082)	364507	10.0000	10
	50 Bromodichloromethane	83	12.374	12.374	(1.097)	585235	10.0000	11
	51 cis-1,3-Dichloropropene	75	13.000	13.000	(1.153)	393881	10.0000	11
	52 Methyl Isobutyl Ketone	43	13.198	13.198	(1.170)	376487	10.0000	10
	53 n-Octane	43	13.358	13.358	(1.185)	497506	10.0000	10
	54 Toluene	92	13.412	13.412	(0.874)	466641	10.0000	10
	55 trans-1,3-Dichloropropene	75	13.797	13.797	(1.223)	407225	10.0000	11
	56 1,1,2-Trichloroethane	83	14.070	14.070	(0.917)	247826	10.0000	10
	57 Tetrachloroethene	166	14.155	14.155	(0.922)	529966	10.0000	10
	58 Methyl Butyl Ketone	43	14.369	14.369	(0.936)	368756	10.0000	10
	59 Dibromochloromethane	129	14.605	14.605	(0.952)	665723	10.0000	11
	60 1,2-Dibromoethane	107	14.808	14.808	(0.965)	501885	10.0000	11
	84 Nonane	57	15.439	15.439	(1.006)	444099	10.0000	10
*	61 Chlorobenzene-d5	117	15.348	15.348	(1.000)	1311325	10.0000	

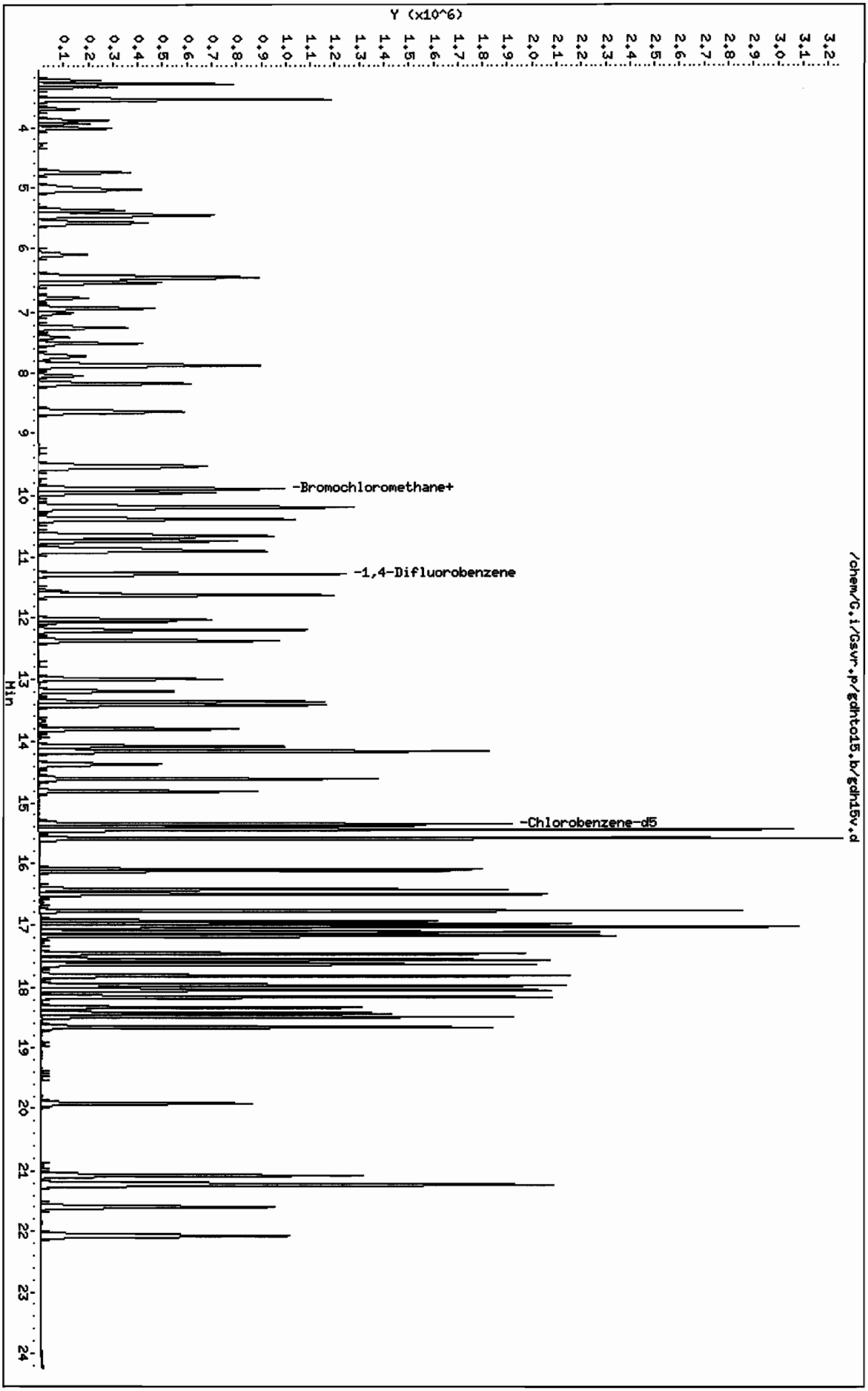
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 Chlorobenzene	112	15.386	15.386	(1.002)	697577	10.0000	10
63 Ethylbenzene	91	15.450	15.450	(1.007)	1020385	10.0000	10
64 Xylene (m,p)	106	15.594	15.594	(1.016)	787505	20.0000	21
65 Xylene (o)	106	16.103	16.103	(1.049)	382461	10.0000	10
66 Styrene	104	16.129	16.129	(1.051)	604613	10.0000	12
67 Bromoform	173	16.424	16.424	(1.070)	721098	10.0000	12
68 Cumene	105	16.504	16.504	(1.075)	1131605	10.0000	10
69 1,1,2,2-Tetrachloroethane	83	16.932	16.932	(1.103)	614161	10.0000	10
71 n-Decane	57	17.023	17.023	(1.109)	489110	10.0000	11
72 n-Propylbenzene	91	16.980	16.980	(1.106)	1300495	10.0000	10
73 1,2,3-Trichloropropane	75	17.017	17.017	(1.109)	470249	10.0000	9.9
74 4-Ethyltoluene	105	17.103	17.103	(1.114)	1114258	10.0000	11
75 1,3,5-Trimethylbenzene	105	17.173	17.173	(1.119)	936976	10.0000	11
76 2-Chlorotoluene	91	17.146	17.146	(1.117)	1013843	10.0000	10
77 a-Methylstyrene	118	17.445	17.445	(1.137)	475573	10.0000	12
78 Tert-Butylbenzene	119	17.552	17.552	(1.144)	887342	10.0000	10
M 70 Xylene (total)	106				1169966	10.0000	31
79 1,2,4-Trimethylbenzene	105	17.622	17.622	(1.148)	927467	10.0000	11
80 Sec-Butylbenzene	105	17.809	17.809	(1.160)	1311356	10.0000	11
81 4-Isopropyltoluene	119	17.964	17.964	(1.170)	1121105	10.0000	12
82 1,3-Dichlorobenzene	146	18.045	18.045	(1.176)	758271	10.0000	11
83 1,4-Dichlorobenzene	146	18.157	18.157	(1.183)	751950	10.0000	11
85 n-Undecane	57	18.424	18.424	(1.200)	457997	10.0000	11
86 Benzyl Chloride	91	18.333	18.333	(1.194)	766139	10.0000	11
87 n-Butylbenzene	91	18.483	18.483	(1.204)	984518	10.0000	12
88 1,2-Dichlorobenzene	146	18.654	18.654	(1.215)	710848	10.0000	11
89 n-Dodecane	57	19.922	19.922	(1.298)	323964	10.0000	13
90 1,2,4-Trichlorobenzene	180	21.073	21.073	(1.373)	533991	10.0000	12
91 Hexachlorobutadiene	225	21.228	21.228	(1.383)	576854	10.0000	12
92 Naphthalene	128	21.597	21.597	(1.407)	967836	10.0000	13
93 1,2,3-Trichlorobenzene	180	22.073	22.073	(1.438)	470208	10.0000	13

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh15v.d
Date : 16-FEB-2009 22:13
Client ID: ASTD015
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhto15.b/gdh15v.d
Lab Smp Id: ASTD015 Client Smp ID: ASTD015
Inj Date : 16-FEB-2009 22:13
Operator : pad Inst ID: G.i
Smp Info :
Misc Info : ASTD015;021609GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhto15.b/sto15.m
Meth Date : 17-Feb-2009 11:30 cmp Quant Type: ISTD
Cal Date : 16-FEB-2009 22:13 Cal File: gdh15v.d
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.306	3.311	(0.334)	739608	15.0000	13
2 Freon-22	51	3.354	3.360	(0.339)	339184	15.0000	13
3 1,2-Dichlorotetrafluoroethane	85	3.552	3.552	(0.359)	789944	15.0000	14
4 Chloromethane	50	3.702	3.702	(0.374)	189062	15.0000	13
8 Methanol	31	Compound Not Detected.					
5 n-Butane	43	3.889	3.889	(0.393)	308241	15.0000	13
6 Vinyl Chloride	62	3.937	3.943	(0.398)	260189	15.0000	13
7 1,3-Butadiene	54	4.018	4.018	(0.406)	172011	15.0000	14
9 Bromomethane	94	4.750	4.756	(0.480)	330409	15.0000	14
10 Chloroethane	64	4.986	4.986	(0.504)	144057	15.0000	14
11 Isopentane	43	5.034	5.039	(0.509)	290804	15.0000	13
12 Bromoethene	106	5.382	5.382	(0.544)	343824	15.0000	14
13 Trichlorofluoromethane	101	5.462	5.467	(0.552)	1017580	15.0000	14
14 Pentane	43	5.585	5.590	(0.564)	450514	15.0000	13
15 Ethyl Ether	59	6.099	6.104	(0.616)	166536	15.0000	14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	17 Freon TF	101	6.462	6.462	(0.653)	650307	15.0000	14
	16 Acrolein	56	6.489	6.495	(0.656)	92883	15.0000	15
	18 1,1-Dichloroethene	96	6.543	6.543	(0.661)	281320	15.0000	14
	19 Acetone	43	6.783	6.789	(0.685)	353372	15.0000	14
	20 Isopropyl Alcohol	45	7.019	7.035	(0.709)	263078	15.0000	14
	21 Carbon Disulfide	76	6.944	6.944	(0.702)	890670	15.0000	14
	22 3-Chloropropene	41	7.249	7.249	(0.732)	318707	15.0000	13
	23 Acetonitrile	41	7.404	7.409	(0.748)	163238	15.0000	14
	24 Methylene Chloride	49	7.506	7.511	(0.758)	320034	15.0000	12
	25 tert-Butyl Alcohol	59	7.714	7.741	(0.779)	420918	15.0000	14
	26 Methyl tert-Butyl Ether	73	7.859	7.864	(0.794)	713098	15.0000	14
	27 trans-1,2-Dichloroethene	61	7.880	7.880	(0.796)	468737	15.0000	14
	28 n-Hexane	57	8.180	8.180	(0.826)	427559	15.0000	14
	29 1,1-Dichloroethane	63	8.640	8.640	(0.873)	572536	15.0000	14
	30 Methyl Ethyl Ketone	72	9.565	9.571	(0.966)	107177	15.0000	14
	31 cis-1,2-Dichloroethene	96	9.522	9.523	(0.962)	328914	15.0000	14
*	32 Bromochloromethane	128	9.897	9.892	(1.000)	306704	10.0000	
	34 Chloroform	83	9.966	9.961	(1.007)	730120	15.0000	14
	33 Tetrahydrofuran	42	9.913	9.924	(0.879)	230312	15.0000	15
	35 1,1,1-Trichloroethane	97	10.202	10.197	(0.905)	818629	15.0000	14
	36 Cyclohexane	84	10.180	10.175	(0.903)	411398	15.0000	15
	37 Carbon Tetrachloride	117	10.378	10.378	(0.920)	936936	15.0000	15
	38 2,2,4-Trimethylpentane	57	10.651	10.651	(0.944)	1383255	15.0000	14
	39 Benzene	78	10.731	10.732	(0.952)	905599	15.0000	14
	42 n-Heptane	43	10.897	10.897	(0.966)	493563	15.0000	14
	41 1,2-Dichloroethane	62	10.860	10.860	(0.963)	463449	15.0000	14
*	43 1,4-Difluorobenzene	114	11.277	11.277	(1.000)	1301927	10.0000	
M	40 1,2-Dichloroethene (total)	61				797651	15.0000	28
	44 1-Butanol	56	11.561	11.582	(1.025)	123426	15.0000	15(Q)
	45 Trichloroethene	95	11.619	11.620	(1.030)	483112	15.0000	14
	46 Methyl Methacrylate	69	12.063	12.064	(1.070)	242090	15.0000	16(Q)
	47 1,2-Dichloropropane	63	12.026	12.021	(1.066)	328535	15.0000	15(Q)
	48 1,4-Dioxane	88	12.192	12.208	(1.081)	102595	15.0000	15
	49 Dibromomethane	174	12.208	12.203	(1.083)	507170	15.0000	15
	50 Bromodichloromethane	83	12.374	12.374	(1.097)	802395	15.0000	15
	51 cis-1,3-Dichloropropene	75	13.000	13.000	(1.153)	549186	15.0000	15
	52 Methyl Isobutyl Ketone	43	13.198	13.198	(1.170)	505750	15.0000	14
	53 n-Octane	43	13.363	13.358	(1.185)	669672	15.0000	14
	54 Toluene	92	13.417	13.412	(0.874)	657385	15.0000	14
	55 trans-1,3-Dichloropropene	75	13.797	13.797	(1.223)	572671	15.0000	15
	56 1,1,2-Trichloroethane	83	14.070	14.070	(0.917)	352198	15.0000	14
	57 Tetrachloroethene	166	14.155	14.155	(0.922)	743272	15.0000	14
	58 Methyl Butyl Ketone	43	14.364	14.369	(0.936)	498811	15.0000	14
	59 Dibromochloromethane	129	14.605	14.605	(0.952)	924651	15.0000	16
	60 1,2-Dibromoethane	107	14.808	14.808	(0.965)	702942	15.0000	15
	84 Nonane	57	15.439	15.439	(1.006)	615038	15.0000	14
*	61 Chlorobenzene-d5	117	15.348	15.348	(1.000)	1303626	10.0000	

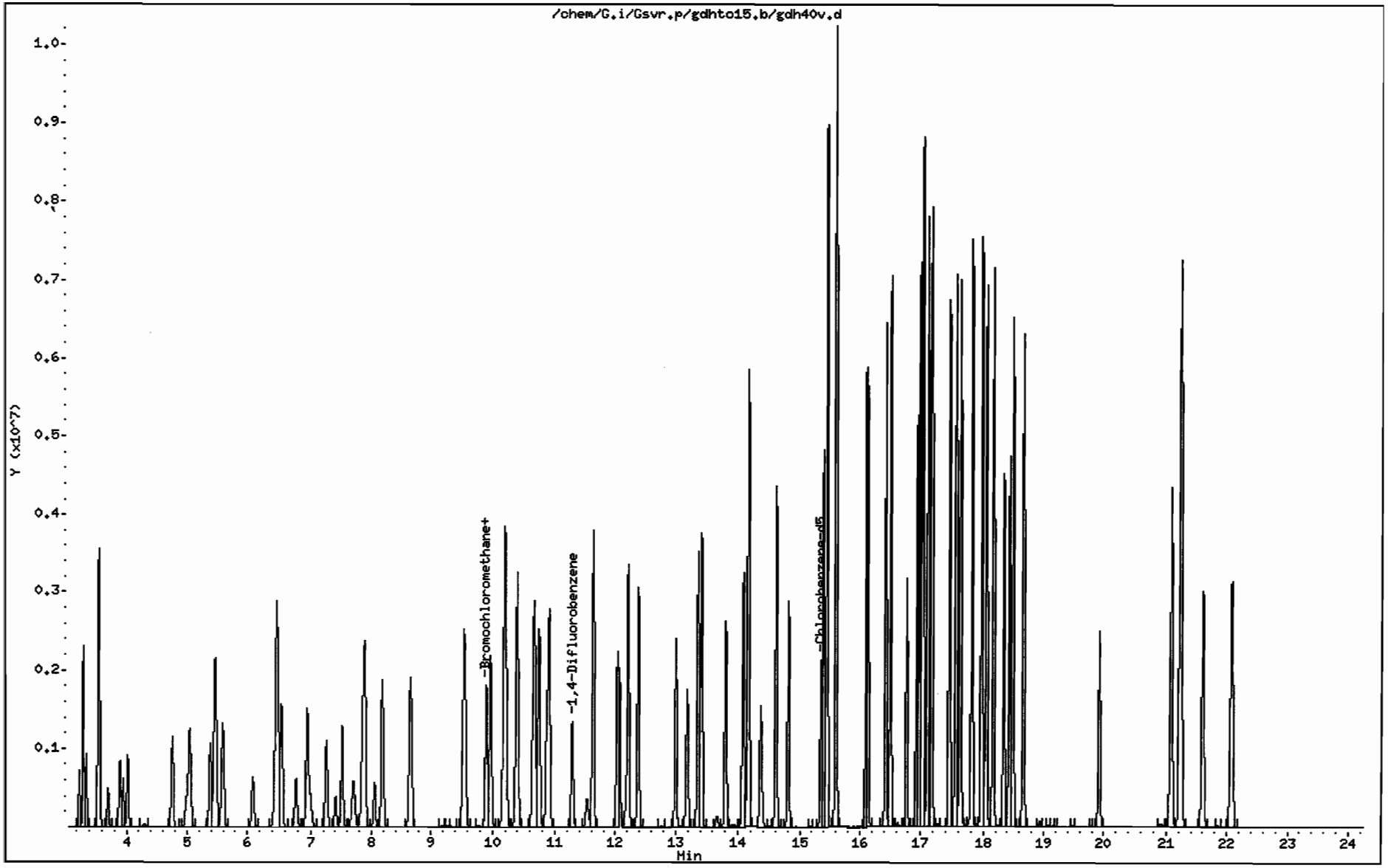
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	62 Chlorobenzene	112	15.386	15.386	(1.002)	980044	15.0000	14
	63 Ethylbenzene	91	15.450	15.450	(1.007)	1450237	15.0000	14
	64 Xylene (m,p)	106	15.594	15.594	(1.016)	1127086	30.0000	30
	65 Xylene (o)	106	16.103	16.103	(1.049)	550294	15.0000	15
	66 Styrene	104	16.129	16.129	(1.051)	878094	15.0000	17
	67 Bromoform	173	16.424	16.424	(1.070)	1016480	15.0000	17
	68 Cumene	105	16.504	16.504	(1.075)	1629758	15.0000	15
	69 1,1,2,2-Tetrachloroethane	83	16.932	16.932	(1.103)	870252	15.0000	15
	71 n-Decane	57	17.028	17.023	(1.109)	716604	15.0000	16
	72 n-Propylbenzene	91	16.980	16.980	(1.106)	1890496	15.0000	15
	73 1,2,3-Trichloropropane	75	17.017	17.017	(1.109)	661840	15.0000	14
	74 4-Ethyltoluene	105	17.103	17.103	(1.114)	1616814	15.0000	16
	75 1,3,5-Trimethylbenzene	105	17.172	17.173	(1.119)	1349269	15.0000	16
	76 2-Chlorotoluene	91	17.146	17.146	(1.117)	1443503	15.0000	15
	77 a-Methylstyrene	118	17.451	17.445	(1.137)	705364	15.0000	19
	78 Tert-Butylbenzene	119	17.552	17.552	(1.144)	1260506	15.0000	15
M	70 Xylene (total)	106				1677380	15.0000	45
	79 1,2,4-Trimethylbenzene	105	17.622	17.622	(1.148)	1319272	15.0000	16
	80 Sec-Butylbenzene	105	17.809	17.809	(1.160)	1877472	15.0000	15
	81 4-Isopropyltoluene	119	17.970	17.964	(1.171)	1563299	15.0000	16
	82 1,3-Dichlorobenzene	146	18.044	18.045	(1.176)	1084324	15.0000	16
	83 1,4-Dichlorobenzene	146	18.162	18.157	(1.183)	1079017	15.0000	16
	85 n-Undecane	57	18.424	18.424	(1.200)	617587	15.0000	15
	86 Benzyl Chloride	91	18.333	18.333	(1.194)	1173445	15.0000	16
	87 n-Butylbenzene	91	18.483	18.483	(1.204)	1362020	15.0000	17
	88 1,2-Dichlorobenzene	146	18.660	18.654	(1.216)	1027632	15.0000	16
	89 n-Dodecane	57	19.922	19.922	(1.298)	438188	15.0000	17
	90 1,2,4-Trichlorobenzene	180	21.072	21.073	(1.373)	731240	15.0000	17
	91 Hexachlorobutadiene	225	21.228	21.228	(1.383)	815378	15.0000	17
	92 Naphthalene	128	21.597	21.597	(1.407)	1332187	15.0000	18
	93 1,2,3-Trichlorobenzene	180	22.073	22.073	(1.438)	637043	15.0000	17

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh40v.d
Date : 16-FEB-2009 23:50
Client ID: ASTD040
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhto15.b/gdh40v.d
Lab Smp Id: ASTD040 Client Smp ID: ASTD040
Inj Date : 16-FEB-2009 23:50
Operator : pad Inst ID: G.i
Smp Info :
Misc Info : ASTD040;021609GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhto15.b/sto15.m
Meth Date : 17-Feb-2009 11:30 cmp Quant Type: ISTD
Cal Date : 16-FEB-2009 23:50 Cal File: gdh40v.d
Als bottle: 4 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.306	3.311	(0.334)	2200249	40.0000	38
2 Freon-22	51	3.354	3.360	(0.339)	1006322	40.0000	37
3 1,2-Dichlorotetrafluoroethane	85	3.552	3.552	(0.359)	2360437	40.0000	39
4 Chloromethane	50	3.697	3.702	(0.373)	574727	40.0000	38
8 Methanol	31	Compound Not Detected.					
5 n-Butane	43	3.889	3.889	(0.393)	927106	40.0000	37
6 Vinyl Chloride	62	3.943	3.943	(0.398)	805002	40.0000	40
7 1,3-Butadiene	54	4.018	4.018	(0.406)	527039	40.0000	40(A)
9 Bromomethane	94	4.750	4.756	(0.480)	1029776	40.0000	41(A)
10 Chloroethane	64	4.986	4.986	(0.503)	445766	40.0000	40(A)
11 Isopentane	43	5.039	5.039	(0.509)	868505	40.0000	37
12 Bromoethene	106	5.382	5.382	(0.543)	1087241	40.0000	42(A)
13 Trichlorofluoromethane	101	5.467	5.467	(0.552)	3139656	40.0000	40
14 Pentane	43	5.590	5.590	(0.565)	1354701	40.0000	38
15 Ethyl Ether	59	6.088	6.104	(0.615)	546520	40.0000	43(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	17 Freon TF	101	6.468	6.462	(0.653)	2069869	40.0000	42(A)
	16 Acrolein	56	6.489	6.495	(0.655)	292401	40.0000	43(A)
	18 1,1-Dichloroethene	96	6.543	6.543	(0.661)	908252	40.0000	41(A)
	19 Acetone	43	6.773	6.789	(0.684)	1110564	40.0000	41(A)
	20 Isopropyl Alcohol	45	6.997	7.035	(0.707)	828132	40.0000	42(A)
	21 Carbon Disulfide	76	6.949	6.944	(0.702)	2850339	40.0000	42(A)
	22 3-Chloropropene	41	7.254	7.249	(0.733)	990937	40.0000	40
	23 Acetonitrile	41	7.404	7.409	(0.748)	521223	40.0000	42(A)
	24 Methylene Chloride	49	7.511	7.511	(0.758)	975313	40.0000	36
	25 tert-Butyl Alcohol	59	7.698	7.741	(0.777)	1317033	40.0000	42(A)
	26 Methyl tert-Butyl Ether	73	7.853	7.864	(0.793)	2420348	40.0000	44(A)
	27 trans-1,2-Dichloroethene	61	7.885	7.880	(0.796)	1462102	40.0000	41(A)
	28 n-Hexane	57	8.180	8.180	(0.826)	1327797	40.0000	40(A)
	29 1,1-Dichloroethane	63	8.640	8.640	(0.872)	1780978	40.0000	41(A)
	30 Methyl Ethyl Ketone	72	9.565	9.571	(0.966)	364703	40.0000	44(AQ)
	31 cis-1,2-Dichloroethene	96	9.533	9.523	(0.963)	1065413	40.0000	42(A)
*	32 Bromochloromethane	128	9.902	9.892	(1.000)	322458	10.0000	
	34 Chloroform	83	9.972	9.961	(1.007)	2300556	40.0000	41(A)
	33 Tetrahydrofuran	42	9.908	9.924	(0.878)	763310	40.0000	44(A)
	35 1,1,1-Trichloroethane	97	10.207	10.197	(0.905)	2595626	40.0000	42(A)
	36 Cyclohexane	84	10.180	10.175	(0.902)	1308452	40.0000	43(A)
	37 Carbon Tetrachloride	117	10.384	10.378	(0.920)	2999156	40.0000	43(A)
	38 2,2,4-Trimethylpentane	57	10.656	10.651	(0.945)	4296091	40.0000	41(A)
	39 Benzene	78	10.737	10.732	(0.952)	2934395	40.0000	42(A)
	42 n-Heptane	43	10.903	10.897	(0.966)	1468861	40.0000	38
	41 1,2-Dichloroethane	62	10.865	10.860	(0.963)	1463611	40.0000	41(A)
*	43 1,4-Difluorobenzene	114	11.282	11.277	(1.000)	1404271	10.0000	
M	40 1,2-Dichloroethene (total)	61				2527515	80.0000	83
	44 1-Butanol	56	11.523	11.582	(1.021)	388331	40.0000	44(AQ)
	45 Trichloroethene	95	11.625	11.620	(1.030)	1546040	40.0000	42(A)
	46 Methyl Methacrylate	69	12.063	12.064	(1.069)	845605	40.0000	48(AQ)
	47 1,2-Dichloropropane	63	12.031	12.021	(1.066)	1054326	40.0000	43(AQ)
	48 1,4-Dioxane	88	12.170	12.208	(1.079)	330209	40.0000	44(A)
	49 Dibromomethane	174	12.208	12.203	(1.082)	1710912	40.0000	45(A)
	50 Bromodichloromethane	83	12.379	12.374	(1.097)	2559029	40.0000	44(A)
	51 cis-1,3-Dichloropropene	75	13.005	13.000	(1.153)	1807794	40.0000	45(A)
	52 Methyl Isobutyl Ketone	43	13.187	13.198	(1.169)	1565788	40.0000	40(A)
	53 n-Octane	43	13.363	13.358	(1.184)	1999235	40.0000	40
	54 Toluene	92	13.417	13.412	(0.874)	2174232	40.0000	42(A)
	55 trans-1,3-Dichloropropene	75	13.802	13.797	(1.223)	1918806	40.0000	46(A)
	56 1,1,2-Trichloroethane	83	14.075	14.070	(0.917)	1150418	40.0000	42(A)
	57 Tetrachloroethene	166	14.161	14.155	(0.923)	2510822	40.0000	43(A)
	58 Methyl Butyl Ketone	43	14.358	14.369	(0.936)	1557632	40.0000	40(A)
	59 Dibromochloromethane	129	14.610	14.605	(0.952)	3104122	40.0000	46(A)
	60 1,2-Dibromoethane	107	14.813	14.808	(0.965)	2363138	40.0000	44(A)
	84 Nonane	57	15.439	15.439	(1.006)	1851672	40.0000	39
*	61 Chlorobenzene-d5	117	15.348	15.348	(1.000)	1445452	10.0000	

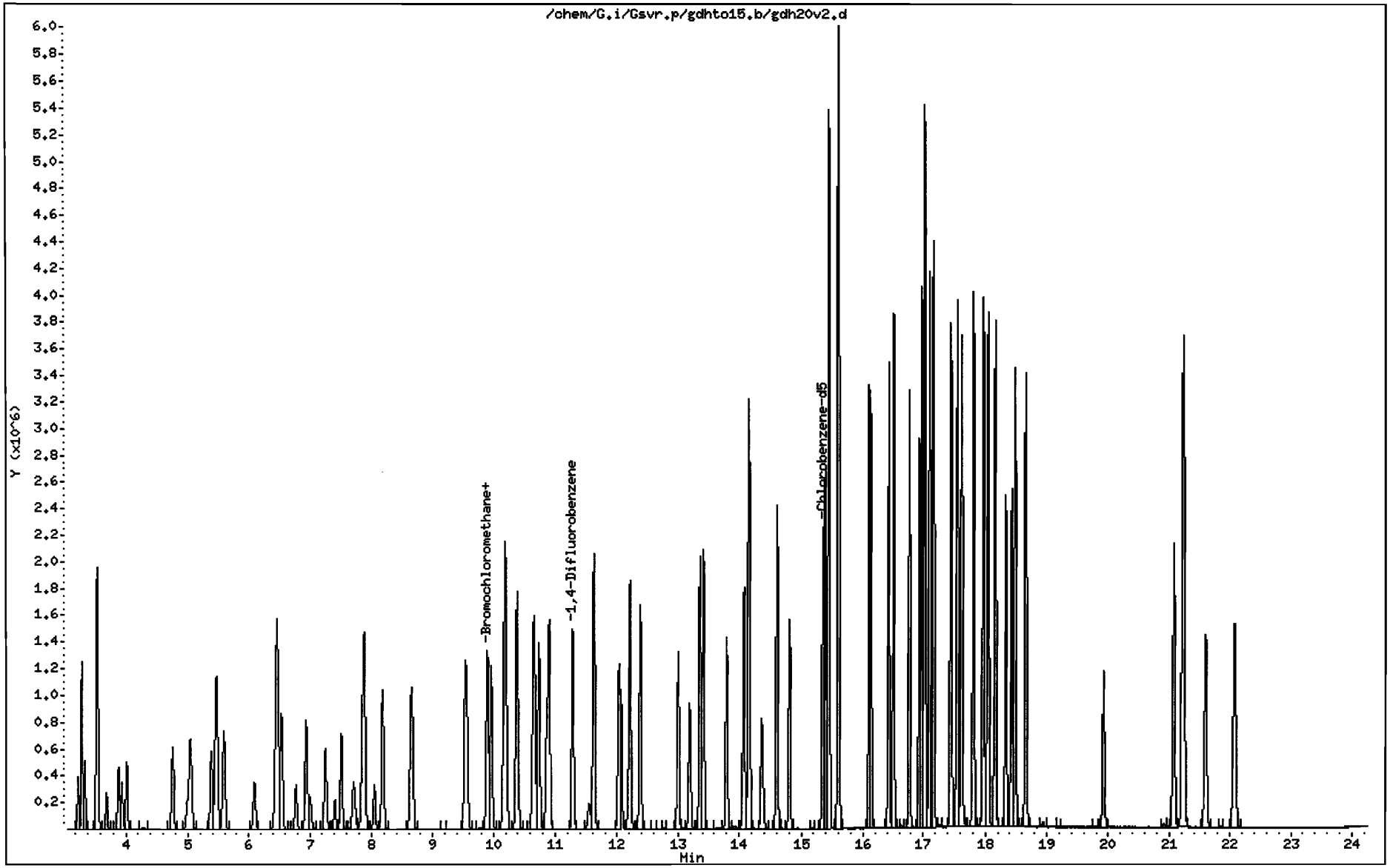
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	62 Chlorobenzene	112	15.386	15.386	(1.002)	3277420	40.0000	43 (A)
	63 Ethylbenzene	91	15.450	15.450	(1.007)	4790407	40.0000	42 (A)
	64 Xylene (m,p)	106	15.600	15.594	(1.016)	3852264	80.0000	89 (A)
	65 Xylene (o)	106	16.102	16.103	(1.049)	1875210	40.0000	44 (A)
	66 Styrene	104	16.135	16.129	(1.051)	3059295	40.0000	50 (A)
	67 Bromoform	173	16.429	16.424	(1.070)	3595507	40.0000	50 (A)
	68 Cumene	105	16.509	16.504	(1.076)	5663485	40.0000	45 (A)
	69 1,1,2,2-Tetrachloroethane	83	16.937	16.932	(1.104)	2907469	40.0000	43 (A)
	71 n-Decane	57	17.028	17.023	(1.109)	2177178	40.0000	42 (A)
	72 n-Propylbenzene	91	16.985	16.980	(1.107)	6579384	40.0000	46 (A)
	73 1,2,3-Trichloropropane	75	17.023	17.017	(1.109)	2104443	40.0000	40
	74 4-Ethyltoluene	105	17.108	17.103	(1.115)	5792992	40.0000	48 (A)
	75 1,3,5-Trimethylbenzene	105	17.178	17.173	(1.119)	4891598	40.0000	50 (A)
	76 2-Chlorotoluene	91	17.151	17.146	(1.117)	4784907	40.0000	44 (A)
	77 a-Methylstyrene	118	17.451	17.445	(1.137)	2551111	40.0000	55 (A)
	78 Tert-Butylbenzene	119	17.558	17.552	(1.144)	4579698	40.0000	47 (A)
M	70 Xylene (total)	106				5727474	40.0000	140 (A)
	79 1,2,4-Trimethylbenzene	105	17.627	17.622	(1.148)	4795084	40.0000	50 (A)
	80 Sec-Butylbenzene	105	17.814	17.809	(1.161)	6710931	40.0000	48 (A)
	81 4-Isopropyltoluene	119	17.970	17.964	(1.171)	5667453	40.0000	50 (A)
	82 1,3-Dichlorobenzene	146	18.050	18.045	(1.176)	3874522	40.0000	48 (A)
	83 1,4-Dichlorobenzene	146	18.162	18.157	(1.183)	3869228	40.0000	48 (A)
	85 n-Undecane	57	18.430	18.424	(1.201)	2136449	40.0000	46 (A)
	86 Benzyl Chloride	91	18.333	18.333	(1.194)	4179407	40.0000	49 (A)
	87 n-Butylbenzene	91	18.483	18.483	(1.204)	4733126	40.0000	50 (A)
	88 1,2-Dichlorobenzene	146	18.660	18.654	(1.216)	3639916	40.0000	48 (A)
	89 n-Dodecane	57	19.922	19.922	(1.298)	1275801	40.0000	43 (A)
	90 1,2,4-Trichlorobenzene	180	21.078	21.073	(1.373)	2504385	40.0000	48 (A)
	91 Hexachlorobutadiene	225	21.227	21.228	(1.383)	2900165	40.0000	51 (A)
	92 Naphthalene	128	21.597	21.597	(1.407)	4310090	40.0000	48 (A)
	93 1,2,3-Trichlorobenzene	180	22.078	22.073	(1.438)	2019457	40.0000	47 (A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh20v2.d
Date : 17-FEB-2009 00:38
Client ID: ASTD020
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhto15.b/gdh20v2.d
Lab Smp Id: ASTD020 Client Smp ID: ASTD020
Inj Date : 17-FEB-2009 00:38
Operator : pad Inst ID: G.i
Smp Info :
Misc Info : ASTD020;021609GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhto15.b/sto15.m
Meth Date : 17-Feb-2009 11:30 cmp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.306	3.311	(0.334)	1203388	20.0000	20
2 Freon-22	51	3.354	3.360	(0.339)	552813	20.0000	19
3 1,2-Dichlorotetrafluoroethane	85	3.552	3.552	(0.359)	1304372	20.0000	20
4 Chloromethane	50	3.702	3.702	(0.374)	314004	20.0000	19
8 Methanol	31	Compound Not Detected.					
5 n-Butane	43	3.889	3.889	(0.393)	504075	20.0000	19
6 Vinyl Chloride	62	3.943	3.943	(0.398)	437563	20.0000	20
7 1,3-Butadiene	54	4.018	4.018	(0.406)	289472	20.0000	20
9 Bromomethane	94	4.751	4.756	(0.480)	552158	20.0000	20
10 Chloroethane	64	4.986	4.986	(0.504)	239523	20.0000	20
11 Isopentane	43	5.040	5.039	(0.509)	463387	20.0000	19
12 Bromoethene	106	5.382	5.382	(0.544)	589526	20.0000	21
13 Trichlorofluoromethane	101	5.467	5.467	(0.552)	1662333	20.0000	20
14 Pentane	43	5.591	5.590	(0.565)	735568	20.0000	19
15 Ethyl Ether	59	6.093	6.104	(0.616)	310605	20.0000	22

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
17 Freon TF	101	6.463	6.462	(0.653)	1141416	20.0000	21
16 Acrolein	56	6.489	6.495	(0.656)	177046	20.0000	23
18 1,1-Dichloroethene	96	6.543	6.543	(0.661)	503653	20.0000	21
19 Acetone	43	6.778	6.789	(0.685)	585654	20.0000	20
20 Isopropyl Alcohol	45	7.008	7.035	(0.708)	471514	20.0000	22
21 Carbon Disulfide	76	6.949	6.944	(0.702)	1556186	20.0000	21
22 3-Chloropropene	41	7.249	7.249	(0.732)	543809	20.0000	20
23 Acetonitrile	41	7.404	7.409	(0.748)	289878	20.0000	21
24 Methylene Chloride	49	7.511	7.511	(0.759)	540004	20.0000	19
25 tert-Butyl Alcohol	59	7.709	7.741	(0.779)	735919	20.0000	21
26 Methyl tert-Butyl Ether	73	7.859	7.864	(0.794)	1318448	20.0000	22
27 trans-1,2-Dichloroethene	61	7.886	7.880	(0.797)	802231	20.0000	21
28 n-Hexane	57	8.180	8.180	(0.826)	731515	20.0000	20
29 1,1-Dichloroethane	63	8.640	8.640	(0.873)	980958	20.0000	20
30 Methyl Ethyl Ketone	72	9.565	9.571	(0.966)	190282	20.0000	21(Q)
31 cis-1,2-Dichloroethene	96	9.528	9.523	(0.963)	582159	20.0000	21
* 32 Bromochloromethane	128	9.897	9.892	(1.000)	349643	10.0000	
34 Chloroform	83	9.967	9.961	(1.007)	1250329	20.0000	20
33 Tetrahydrofuran	42	9.913	9.924	(0.879)	412036	20.0000	21
35 1,1,1-Trichloroethane	97	10.202	10.197	(0.905)	1401347	20.0000	20
36 Cyclohexane	84	10.181	10.175	(0.903)	717184	20.0000	20
37 Carbon Tetrachloride	117	10.384	10.378	(0.921)	1615280	20.0000	20
38 2,2,4-Trimethylpentane	57	10.651	10.651	(0.944)	2363667	20.0000	20
39 Benzene	78	10.732	10.732	(0.952)	1594388	20.0000	20
42 n-Heptane	43	10.897	10.897	(0.966)	826846	20.0000	19
41 1,2-Dichloroethane	62	10.860	10.860	(0.963)	792758	20.0000	20
* 43 1,4-Difluorobenzene	114	11.277	11.277	(1.000)	1599651	10.0000	
M 40 1,2-Dichloroethene (total)	61				1384390	40.0000	42
44 1-Butanol	56	11.539	11.582	(1.023)	224080	20.0000	22
45 Trichloroethene	95	11.625	11.620	(1.031)	839929	20.0000	20
46 Methyl Methacrylate	69	12.064	12.064	(1.070)	441458	20.0000	21(Q)
47 1,2-Dichloropropane	63	12.026	12.021	(1.066)	586853	20.0000	21(Q)
48 1,4-Dioxane	88	12.181	12.208	(1.080)	189190	20.0000	22
49 Dibromomethane	174	12.208	12.203	(1.083)	910777	20.0000	21
50 Bromodichloromethane	83	12.374	12.374	(1.097)	1395285	20.0000	21
51 cis-1,3-Dichloropropene	75	13.000	13.000	(1.153)	993797	20.0000	21
52 Methyl Isobutyl Ketone	43	13.192	13.198	(1.170)	846639	20.0000	19
53 n-Octane	43	13.364	13.358	(1.185)	1140163	20.0000	20
54 Toluene	92	13.417	13.412	(0.874)	1202176	20.0000	22
55 trans-1,3-Dichloropropene	75	13.797	13.797	(1.223)	1046901	20.0000	21
56 1,1,2-Trichloroethane	83	14.075	14.070	(0.917)	635649	20.0000	21
57 Tetrachloroethene	166	14.155	14.155	(0.922)	1338187	20.0000	21
58 Methyl Butyl Ketone	43	14.364	14.369	(0.936)	838418	20.0000	20
59 Dibromochloromethane	129	14.605	14.605	(0.952)	1669026	20.0000	22
60 1,2-Dibromoethane	107	14.808	14.808	(0.965)	1276358	20.0000	22
84 Nonane	57	15.439	15.439	(1.006)	1089294	20.0000	21
* 61 Chlorobenzene-d5	117	15.348	15.348	(1.000)	1540161	10.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	62 Chlorobenzene	112	15.386	15.386	(1.002)	1791915	20.0000	22
	63 Ethylbenzene	91	15.450	15.450	(1.007)	2690994	20.0000	22
	64 Xylene (m,p)	106	15.594	15.594	(1.016)	2137695	40.0000	45
	65 Xylene (o)	106	16.103	16.103	(1.049)	1043139	20.0000	23
	66 Styrene	104	16.129	16.129	(1.051)	1669756	20.0000	24
	67 Bromoform	173	16.424	16.424	(1.070)	1908510	20.0000	24
	68 Cumene	105	16.509	16.504	(1.076)	3115050	20.0000	23
	69 1,1,2,2-Tetrachloroethane	83	16.932	16.932	(1.103)	1613156	20.0000	22
	71 n-Decane	57	17.028	17.023	(1.109)	1301316	20.0000	23
	72 n-Propylbenzene	91	16.980	16.980	(1.106)	3613880	20.0000	23
	73 1,2,3-Trichloropropane	75	17.017	17.017	(1.109)	1203945	20.0000	21
	74 4-Ethyltoluene	105	17.108	17.103	(1.115)	3114113	20.0000	24
	75 1,3,5-Trimethylbenzene	105	17.173	17.173	(1.119)	2611433	20.0000	24
	76 2-Chlorotoluene	91	17.146	17.146	(1.117)	2608326	20.0000	22
	77 a-Methylstyrene	118	17.451	17.445	(1.137)	1377548	20.0000	26
	78 Tert-Butylbenzene	119	17.552	17.552	(1.144)	2431376	20.0000	23
M	70 Xylene (total)	106				3180834	20.0000	69
	79 1,2,4-Trimethylbenzene	105	17.622	17.622	(1.148)	2521297	20.0000	24
	80 Sec-Butylbenzene	105	17.815	17.809	(1.161)	3572090	20.0000	23
	81 4-Isopropyltoluene	119	17.970	17.964	(1.171)	2923529	20.0000	23
	82 1,3-Dichlorobenzene	146	18.045	18.045	(1.176)	2060998	20.0000	23
	83 1,4-Dichlorobenzene	146	18.162	18.157	(1.183)	2047149	20.0000	23
	85 n-Undecane	57	18.424	18.424	(1.200)	1118569	20.0000	22
	86 Benzyl Chloride	91	18.334	18.333	(1.194)	2250431	20.0000	24
	87 n-Butylbenzene	91	18.483	18.483	(1.204)	2469328	20.0000	24
	88 1,2-Dichlorobenzene	146	18.660	18.654	(1.216)	1939779	20.0000	23
	89 n-Dodecane	57	19.922	19.922	(1.298)	598648	20.0000	19
	90 1,2,4-Trichlorobenzene	180	21.078	21.073	(1.373)	1222837	20.0000	22
	91 Hexachlorobutadiene	225	21.228	21.228	(1.383)	1467396	20.0000	24
	92 Naphthalene	128	21.597	21.597	(1.407)	2071569	20.0000	21
	93 1,2,3-Trichlorobenzene	180	22.078	22.073	(1.438)	969648	20.0000	21

QC Flag Legend

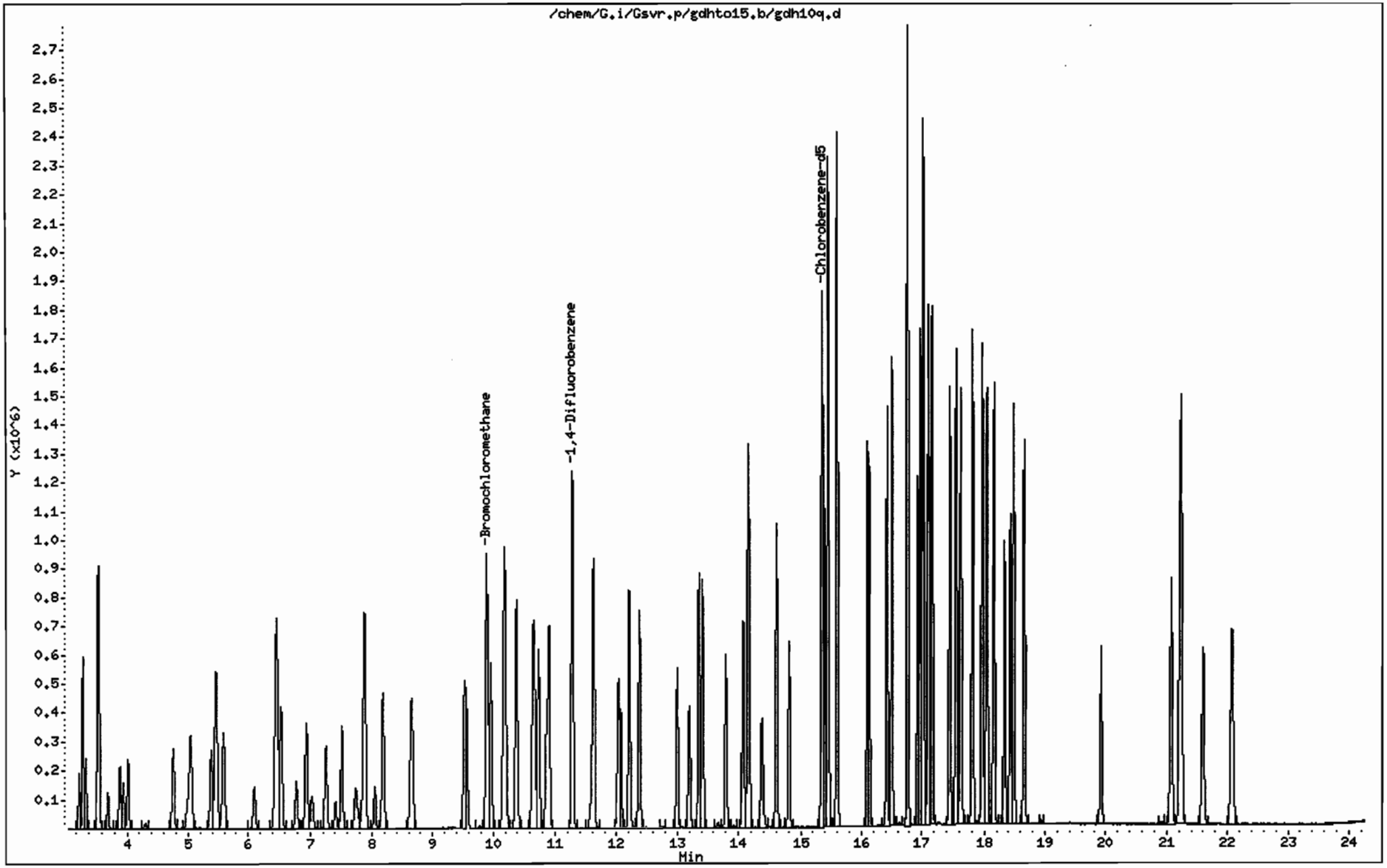
Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh10q.d
Date : 17-FEB-2009 02:10
Client ID: GA021609ICV
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Page 7

Instrument: G.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhto15.b/gdh10q.d
Lab Smp Id: GA021609ICV Client Smp ID: GA021609ICV
Inj Date : 17-FEB-2009 02:10
Operator : pad Inst ID: G.i
Smp Info :
Misc Info : ICV;021609GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhto15.b/sto15.m
Meth Date : 17-Feb-2009 11:31 cmp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.311	3.311	(0.335)	567647	10.1873	10
2 Freon-22	51	3.354	3.360	(0.339)	258651	9.90851	9.9
3 1,2-Dichlorotetrafluoroethane	85	3.552	3.552	(0.359)	606077	10.2085	10
4 Chloromethane	50	3.702	3.702	(0.374)	145902	9.97006	10
8 Methanol	31	Compound Not Detected.					
5 n-Butane	43	3.889	3.889	(0.393)	231865	9.52926	9.5
6 Vinyl Chloride	62	3.943	3.943	(0.399)	201848	10.1679	10
7 1,3-Butadiene	54	4.017	4.018	(0.406)	133747	10.4198	10
9 Bromomethane	94	4.750	4.756	(0.480)	246593	9.90136	9.9
10 Chloroethane	64	4.986	4.986	(0.504)	108213	9.95970	10
11 Isopentane	43	5.039	5.039	(0.509)	219749	9.76461	9.8
12 Bromoethene	106	5.382	5.382	(0.544)	268707	10.4952	10
13 Trichlorofluoromethane	101	5.462	5.467	(0.552)	783419	10.2001	10
14 Pentane	43	5.590	5.590	(0.565)	333045	9.70054	9.7
15 Ethyl Ether	59	6.104	6.104	(0.617)	122691	9.71596	9.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	17 Freon TF	101	6.457	6.462	(0.653)	539502	10.9987	11
	16 Acrolein	56	6.494	6.495	(0.657)	61058	8.77693	8.8
	18 1,1-Dichloroethene	96	6.543	6.543	(0.661)	239868	11.0597	11
	19 Acetone	43	6.783	6.789	(0.686)	280865	10.4851	10
	20 Isopropyl Alcohol	45	7.029	7.035	(0.711)	207647	10.5643	11
	21 Carbon Disulfide	76	6.944	6.944	(0.702)	693587	10.2565	10
	22 3-Chloropropene	41	7.249	7.249	(0.733)	251585	10.2905	10
	23 Acetonitrile	41	7.404	7.409	(0.748)	126538	10.3202	10
	24 Methylene Chloride	49	7.511	7.511	(0.759)	263835	10.0271	10
	25 tert-Butyl Alcohol	59	7.736	7.741	(0.782)	321225	10.2188	10
	26 Methyl tert-Butyl Ether	73	7.864	7.864	(0.795)	570503	10.4375	10
	27 trans-1,2-Dichloroethene	61	7.880	7.880	(0.797)	362424	10.3299	10
	28 n-Hexane	57	8.180	8.180	(0.827)	323963	9.99021	10
	29 1,1-Dichloroethane	63	8.634	8.640	(0.873)	445360	10.2843	10
	30 Methyl Ethyl Ketone	72	9.570	9.571	(0.968)	84786	10.2801	10
	31 cis-1,2-Dichloroethene	96	9.522	9.523	(0.963)	262285	10.4325	10
*	32 Bromochloromethane	128	9.891	9.892	(1.000)	316100	10.0000	
	34 Chloroform	83	9.966	9.961	(1.008)	562721	10.1563	10
	33 Tetrahydrofuran	42	9.924	9.924	(0.880)	186167	11.6347	12
	35 1,1,1-Trichloroethane	97	10.202	10.197	(0.905)	627871	11.0242	11
	36 Cyclohexane	84	10.180	10.175	(0.903)	315493	11.1559	11
	37 Carbon Tetrachloride	117	10.378	10.378	(0.920)	708445	10.9963	11
	38 2,2,4-Trimethylpentane	57	10.651	10.651	(0.944)	1048588	10.9982	11
	39 Benzene	78	10.731	10.732	(0.952)	694819	10.7689	11
	42 n-Heptane	43	10.897	10.897	(0.966)	371859	10.6909	11
	41 1,2-Dichloroethane	62	10.860	10.860	(0.963)	355747	10.9454	11
*	43 1,4-Difluorobenzene	114	11.277	11.277	(1.000)	1289439	10.0000	
M	40 1,2-Dichloroethene (total)	61				624709	20.7624	21
	44 1-Butanol	56	11.571	11.582	(1.026)	95530	11.4783	11(Q)
	45 Trichloroethene	95	11.619	11.620	(1.030)	368763	10.9415	11
	46 Methyl Methacrylate	69	12.063	12.064	(1.070)	182078	10.9741	11
	47 1,2-Dichloropropane	63	12.026	12.021	(1.066)	242907	10.6022	11(Q)
	48 1,4-Dioxane	88	12.203	12.208	(1.082)	78720	11.1966	11
	49 Dibromomethane	174	12.208	12.203	(1.083)	381744	10.8573	11
	50 Bromodichloromethane	83	12.374	12.374	(1.097)	615100	11.3609	11
	51 cis-1,3-Dichloropropene	75	13.000	13.000	(1.153)	409588	10.8991	11
	52 Methyl Isobutyl Ketone	43	13.198	13.198	(1.170)	384863	10.8866	11
	53 n-Octane	43	13.358	13.358	(1.185)	507787	10.9605	11
	54 Toluene	92	13.412	13.412	(0.874)	485373	10.6279	11
	55 trans-1,3-Dichloropropene	75	13.797	13.797	(1.223)	422973	10.7626	11
	56 1,1,2-Trichloroethane	83	14.070	14.070	(0.917)	251885	10.3374	10
	57 Tetrachloroethene	166	14.155	14.155	(0.922)	538606	10.4480	10
	58 Methyl Butyl Ketone	43	14.369	14.369	(0.936)	379934	11.1826	11
	59 Dibromochloromethane	129	14.605	14.605	(0.952)	708580	11.6771	12
	60 1,2-Dibromoethane	107	14.808	14.808	(0.965)	516214	10.8303	11
	84 Nonane	57	15.439	15.439	(1.006)	476395	11.4405	11
*	61 Chlorobenzene-d5	117	15.348	15.348	(1.000)	1259545	10.0000	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
62 Chlorobenzene	112	15.386	15.386	(1.002)	713040	10.4971	10
63 Ethylbenzene	91	15.450	15.450	(1.007)	1096846	10.8518	11
64 Xylene (m,p)	106	15.594	15.594	(1.016)	850877	21.9556	22
65 Xylene (o)	106	16.102	16.103	(1.049)	412071	10.9189	11
66 Styrene	104	16.129	16.129	(1.051)	653087	11.7114	12
67 Bromoform	173	16.423	16.424	(1.070)	776195	11.8494	12
68 Cumene	105	16.504	16.504	(1.075)	1273273	11.3447	11
69 1,1,2,2-Tetrachloroethane	83	16.932	16.932	(1.103)	650700	10.8484	11
71 n-Decane	57	17.023	17.023	(1.109)	570046	12.2055	12
72 n-Propylbenzene	91	16.980	16.980	(1.106)	1493232	11.6206	12
73 1,2,3-Trichloropropane	75	17.017	17.017	(1.109)	519620	11.1691	11
74 4-Ethyltoluene	105	17.103	17.103	(1.114)	1300131	12.0108	12
75 1,3,5-Trimethylbenzene	105	17.172	17.173	(1.119)	1036321	11.5740	12
76 2-Chlorotoluene	91	17.146	17.146	(1.117)	1116207	11.4839	11
77 a-Methylstyrene	118	17.451	17.445	(1.137)	547680	12.6873	13
78 Tert-Butylbenzene	119	17.552	17.552	(1.144)	1002638	11.4001	11
M 70 Xylene (total)	106				1262948	33.4651	33
79 1,2,4-Trimethylbenzene	105	17.622	17.622	(1.148)	998578	11.5396	12
80 Sec-Butylbenzene	105	17.809	17.809	(1.160)	1482099	11.6907	12
81 4-Isopropyltoluene	119	17.964	17.964	(1.170)	1212757	11.8467	12
82 1,3-Dichlorobenzene	146	18.044	18.045	(1.176)	799024	10.9927	11
83 1,4-Dichlorobenzene	146	18.157	18.157	(1.183)	789242	10.9620	11
85 n-Undecane	57	18.424	18.424	(1.200)	465570	11.1511	11
86 Benzyl Chloride	91	18.333	18.333	(1.194)	894430	11.6145	12
87 n-Butylbenzene	91	18.483	18.483	(1.204)	1043487	12.1960	12
88 1,2-Dichlorobenzene	146	18.660	18.654	(1.216)	751943	11.0458	11
89 n-Dodecane	57	19.922	19.922	(1.298)	306323	11.9396	12
90 1,2,4-Trichlorobenzene	180	21.072	21.073	(1.373)	480077	10.3660	10
91 Hexachlorobutadiene	225	21.227	21.228	(1.383)	583703	11.4363	11
92 Naphthalene	128	21.597	21.597	(1.407)	861921	10.8827	11
93 1,2,3-Trichlorobenzene	180	22.078	22.073	(1.438)	421445	11.1609	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

TestAmerica Burlington

RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: GA021609ICV
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: all.sub
Method File: /chem/G.i/Gsvr.p/gdhto15.b/sto15.m
Misc Info: ICV;021609GA;1;200

Client SDG: gdhto15
Fraction: VOA
Client Smp ID: GA021609ICV
Operator: pad
SampleType: LCS
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1 Dichlorodifluorome	10	10	101.87	70-130
2 Freon-22	10	9.9	99.09	70-130
3 1,2-Dichlorotetraf	10	10	102.09	70-130
4 Chloromethane	10	10	99.70	70-130
5 n-Butane	10	9.5	95.29	70-130
6 Vinyl Chloride	10	10	101.68	70-130
7 1,3-Butadiene	10	10	104.20	70-130
8 Methanol	10	0.0	*	70-130
9 Bromomethane	10	9.9	99.01	70-130
10 Chloroethane	10	10	99.60	70-130
11 Isopentane	10	9.8	97.65	70-130
12 Bromoethene	10	10	104.95	70-130
13 Trichlorofluoromet	10	10	102.00	70-130
14 Pentane	10	9.7	97.01	70-130
15 Ethyl Ether	10	9.7	97.16	70-130
16 Acrolein	10	8.8	87.77	70-130
17 Freon TF	10	11	109.99	70-130
18 1,1-Dichloroethene	10	11	110.60	70-130
19 Acetone	10	10	104.85	70-130
20 Isopropyl Alcohol	10	11	105.64	70-130
21 Carbon Disulfide	10	10	102.56	70-130
22 3-Chloropropene	10	10	102.90	70-130
23 Acetonitrile	10	10	103.20	70-130
24 Methylene Chloride	10	10	100.27	70-130
25 tert-Butyl Alcohol	10	10	102.19	70-130
26 Methyl tert-Butyl	10	10	104.38	70-130
27 trans-1,2-Dichloro	10	10	103.30	70-130
28 n-Hexane	10	10	99.90	70-130
29 1,1-Dichloroethane	10	10	102.84	70-130
30 Methyl Ethyl Keton	10	10	102.80	70-130
31 cis-1,2-Dichloroet	10	10	104.33	70-130
33 Tetrahydrofuran	10	12	116.35	70-130
34 Chloroform	10	10	101.56	70-130

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
35	1,1,1-Trichloroeth	10	11	110.24	70-130
36	Cyclohexane	10	11	111.56	70-130
37	Carbon Tetrachlori	10	11	109.96	70-130
38	2,2,4-Trimethylpen	10	11	109.98	70-130
39	Benzene	10	11	107.69	70-130
M 40	1,2-Dichloroethene	20	21	105.00	70-130
41	1,2-Dichloroethane	10	11	109.45	70-130
42	n-Heptane	10	11	106.91	70-130
44	1-Butanol	10	11	114.78	70-130
45	Trichloroethene	10	11	109.42	70-130
46	Methyl Methacrylat	10	11	109.74	70-130
47	1,2-Dichloropropan	10	11	106.02	70-130
48	1,4-Dioxane	10	11	111.97	70-130
49	Dibromomethane	10	11	108.57	70-130
50	Bromodichlorometha	10	11	113.61	70-130
51	cis-1,3-Dichloropr	10	11	108.99	70-130
52	Methyl Isobutyl Ke	10	11	108.87	70-130
53	n-Octane	10	11	109.61	70-130
54	Toluene	10	11	106.28	70-130
55	trans-1,3-Dichloro	10	11	107.63	70-130
56	1,1,2-Trichloroeth	10	10	103.37	70-130
57	Tetrachloroethene	10	10	104.48	70-130
58	Methyl Butyl Keton	10	11	111.83	70-130
59	Dibromochlorometha	10	12	116.77	70-130
60	1,2-Dibromoethane	10	11	108.30	70-130
62	Chlorobenzene	10	10	104.97	70-130
63	Ethylbenzene	10	11	108.52	70-130
64	Xylene (m,p)	20	22	109.78	70-130
65	Xylene (o)	10	11	109.19	70-130
66	Styrene	10	12	117.11	70-130
67	Bromoform	10	12	118.49	70-130
68	Cumene	10	11	113.45	70-130
69	1,1,2,2-Tetrachlor	10	11	108.48	70-130
M 70	Xylene (total)	30	33	111.55	70-130
71	n-Decane	10	12	122.05	70-130
72	n-Propylbenzene	10	12	116.21	70-130
73	1,2,3-Trichloropro	10	11	111.69	70-130
74	4-Ethyltoluene	10	12	120.11	70-130
75	1,3,5-Trimethylben	10	12	115.74	70-130
76	2-Chlorotoluene	10	11	114.84	70-130
77	a-Methylstyrene	10	13	126.87	70-130
78	Tert-Butylbenzene	10	11	114.00	70-130
79	1,2,4-Trimethylben	10	12	115.40	70-130
80	Sec-Butylbenzene	10	12	116.91	70-130
81	4-Isopropyltoluene	10	12	118.47	70-130
82	1,3-Dichlorobenzen	10	11	109.93	70-130
83	1,4-Dichlorobenzen	10	11	109.62	70-130

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
84 Nonane	10	11	114.40	70-130
85 n-Undecane	10	11	111.51	70-130
86 Benzyl Chloride	10	12	116.14	70-130
87 n-Butylbenzene	10	12	121.96	70-130
88 1,2-Dichlorobenzen	10	11	110.46	70-130
89 n-Dodecane	10	12	119.40	70-130
90 1,2,4-Trichloroben	10	10	103.66	70-130
91 Hexachlorobutadien	10	11	114.36	70-130
92 Naphthalene	10	11	108.83	70-130
93 1,2,3-Trichloroben	10	11	111.61	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Instrument ID: G Calibration Date: 03/12/09 Time: 0901

Lab File ID: GDH10UV Init. Calib. Date(s): 02/16/09 02/17/09

Heated Purge: (Y/N) N Init. Calib. Times: 1901 0038

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Chloromethane	0.463	0.432	0.01	6.7	30.0
Vinyl Chloride	0.628	0.620	0.01	1.3	30.0
Bromomethane	0.788	0.834	0.01	5.8	30.0
Chloroethane	0.344	0.340	0.01	1.2	30.0
1,1-Dichloroethene	0.686	0.693	0.01	1.0	30.0
Acetone	0.847	0.806	0.01	4.8	30.0
Carbon Disulfide	2.139	2.155	0.01	0.7	30.0
Methylene Chloride	0.832	0.748	0.01	10.1	30.0
trans-1,2-Dichloroethene	1.110	1.128	0.01	1.6	30.0
1,1-Dichloroethane	1.370	1.358	0.1	0.9	30.0
Methyl Ethyl Ketone	0.261	0.258	0.01	1.1	30.0
cis-1,2-Dichloroethene	0.795	0.809	0.01	1.8	30.0
Chloroform	1.753	1.844	0.01	5.2	30.0
1,1,1-Trichloroethane	0.442	0.477	0.01	7.9	30.0
Carbon Tetrachloride	0.500	0.559	0.01	11.8	30.0
Benzene	0.500	0.490	0.01	2.0	30.0
1,2-Dichloroethane	0.252	0.266	0.01	5.6	30.0
Trichloroethene	0.261	0.274	0.01	5.0	30.0
1,2-Dichloropropane	0.178	0.178	0.01	0.0	30.0
Bromodichloromethane	0.420	0.455	0.01	8.3	30.0
cis-1,3-Dichloropropene	0.292	0.303	0.01	3.8	30.0
Methyl Isobutyl Ketone	0.274	0.251	0.01	8.4	30.0
Toluene	0.363	0.368	0.01	1.4	30.0
trans-1,3-Dichloropropene	0.305	0.320	0.01	4.9	30.0
1,1,2-Trichloroethane	0.193	0.202	0.01	4.7	30.0
Tetrachloroethene	0.409	0.437	0.01	6.8	30.0
Methyl Butyl Ketone	0.269	0.255	0.01	5.2	30.0
Dibromochloromethane	0.482	0.546	0.01	13.3	30.0
Chlorobenzene	0.540	0.562	0.3	4.1	30.0
Ethylbenzene	0.802	0.841	0.01	4.9	30.0
Xylene (m,p)	0.308	0.328	0.01	6.5	30.0
Xylene (o)	0.300	0.322	0.01	7.3	30.0
Styrene	0.442	0.498	0.01	12.7	30.0
Bromoform	0.520	0.611	0.01	17.5	30.0
1,1,2,2-Tetrachloroethane	0.476	0.514	0.01	8.0	30.0

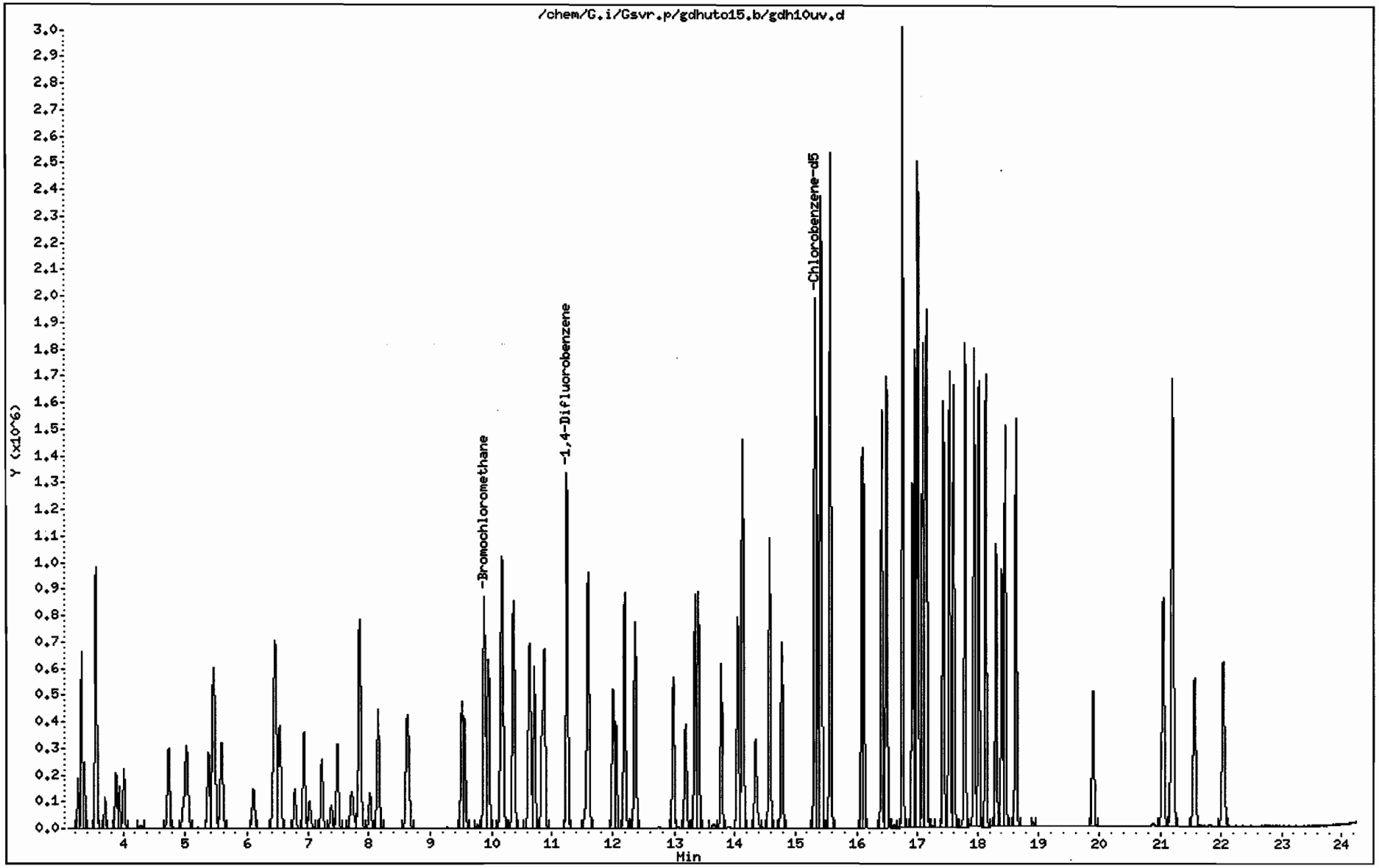
FORM VII VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/gdh10uv.d
Date : 12-MAR-2009 09:01
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Page 3

Instrument: G.i

Operator: njr
Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/gdh10uv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 12-MAR-2009 09:01
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ASTD010;031209GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
4 Chloromethane	50	3.696	3.702	(0.374)	136354	10.0000	9.3
6 Vinyl Chloride	62	3.937	3.943	(0.399)	195716	10.0000	9.9
9 Bromomethane	94	4.745	4.756	(0.480)	263268	10.0000	11
10 Chloroethane	64	4.980	4.986	(0.504)	107283	10.0000	9.9
18 1,1-Dichloroethene	96	6.526	6.543	(0.661)	218786	10.0000	10
19 Acetone	43	6.778	6.789	(0.686)	254481	10.0000	9.5
21 Carbon Disulfide	76	6.933	6.944	(0.702)	680203	10.0000	10
24 Methylene Chloride	49	7.495	7.511	(0.759)	235943	10.0000	9.0
27 trans-1,2-Dichloroethene	61	7.864	7.880	(0.796)	356006	10.0000	10
29 1,1-Dichloroethane	63	8.618	8.640	(0.873)	428710	10.0000	9.9
30 Methyl Ethyl Ketone	72	9.549	9.571	(0.967)	81480	10.0000	9.9(Q)
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.962)	255416	10.0000	10
* 32 Bromochloromethane	128	9.875	9.892	(1.000)	315579	10.0000	
34 Chloroform	83	9.940	9.961	(1.006)	581806	10.0000	11
35 1,1,1-Trichloroethane	97	10.180	10.197	(0.904)	664991	10.0000	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
37 Carbon Tetrachloride	117	10.362	10.378	(0.921)	779333	10.0000	11
39 Benzene	78	10.710	10.732	(0.952)	682213	10.0000	9.8
41 1,2-Dichloroethane	62	10.833	10.860	(0.962)	370831	10.0000	11
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1393369	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.030)	381403	10.0000	10
47 1,2-Dichloropropane	63	11.999	12.021	(1.066)	247533	10.0000	10
50 Bromodichloromethane	83	12.352	12.374	(1.097)	634107	10.0000	11
51 cis-1,3-Dichloropropene	75	12.973	13.000	(1.153)	421830	10.0000	10
52 Methyl Isobutyl Ketone	43	13.176	13.198	(1.171)	349875	10.0000	9.2
54 Toluene	92	13.390	13.412	(0.874)	501386	10.0000	10
55 trans-1,3-Dichloropropene	75	13.775	13.797	(1.224)	445936	10.0000	11
56 1,1,2-Trichloroethane	83	14.048	14.070	(0.917)	274898	10.0000	10
57 Tetrachloroethene	166	14.134	14.155	(0.922)	596042	10.0000	11
58 Methyl Butyl Ketone	43	14.348	14.369	(0.936)	347502	10.0000	9.5
59 Dibromochloromethane	129	14.583	14.605	(0.951)	744324	10.0000	11
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1363211	10.0000	
62 Chlorobenzene	112	15.364	15.386	(1.002)	765964	10.0000	10
63 Ethylbenzene	91	15.423	15.450	(1.006)	1146699	10.0000	10
64 Xylene (m,p)	106	15.573	15.594	(1.016)	895641	20.0000	21
65 Xylene (o)	106	16.081	16.103	(1.049)	439680	10.0000	11
66 Styrene	104	16.108	16.129	(1.051)	678479	10.0000	11
67 Bromoform	173	16.402	16.424	(1.070)	832875	10.0000	12
69 1,1,2,2-Tetrachloroethane	83	16.910	16.932	(1.103)	700363	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Instrument ID: G Calibration Date: 03/13/09 Time: 0920

Lab File ID: GDH10VV Init. Calib. Date(s): 02/16/09 02/17/09

Heated Purge: (Y/N) N Init. Calib. Times: 1901 0038

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Chloromethane	0.463	0.385	0.01	16.8	30.0
Vinyl Chloride	0.628	0.548	0.01	12.7	30.0
Bromomethane	0.788	0.756	0.01	4.1	30.0
Chloroethane	0.344	0.297	0.01	13.7	30.0
1,1-Dichloroethene	0.686	0.660	0.01	3.8	30.0
Acetone	0.847	0.748	0.01	11.7	30.0
Carbon Disulfide	2.139	2.032	0.01	5.0	30.0
Methylene Chloride	0.832	0.677	0.01	18.6	30.0
trans-1,2-Dichloroethene	1.110	1.045	0.01	5.8	30.0
1,1-Dichloroethane	1.370	1.271	0.1	7.2	30.0
Methyl Ethyl Ketone	0.261	0.258	0.01	1.1	30.0
cis-1,2-Dichloroethene	0.795	0.780	0.01	1.9	30.0
Chloroform	1.753	1.737	0.01	0.9	30.0
1,1,1-Trichloroethane	0.442	0.425	0.01	3.8	30.0
Carbon Tetrachloride	0.500	0.495	0.01	1.0	30.0
Benzene	0.500	0.458	0.01	8.4	30.0
1,2-Dichloroethane	0.252	0.238	0.01	5.6	30.0
Trichloroethene	0.261	0.251	0.01	3.8	30.0
1,2-Dichloropropane	0.178	0.162	0.01	9.0	30.0
Bromodichloromethane	0.420	0.409	0.01	2.6	30.0
cis-1,3-Dichloropropene	0.292	0.278	0.01	4.8	30.0
Methyl Isobutyl Ketone	0.274	0.214	0.01	21.9	30.0
Toluene	0.363	0.351	0.01	3.3	30.0
trans-1,3-Dichloropropene	0.305	0.294	0.01	3.6	30.0
1,1,2-Trichloroethane	0.193	0.188	0.01	2.6	30.0
Tetrachloroethene	0.409	0.420	0.01	2.7	30.0
Methyl Butyl Ketone	0.269	0.215	0.01	20.1	30.0
Dibromochloromethane	0.482	0.508	0.01	5.4	30.0
Chlorobenzene	0.540	0.534	0.3	1.1	30.0
Ethylbenzene	0.802	0.785	0.01	2.1	30.0
Xylene (m,p)	0.308	0.312	0.01	1.3	30.0
Xylene (o)	0.300	0.306	0.01	2.0	30.0
Styrene	0.442	0.468	0.01	5.9	30.0
Bromoform	0.520	0.573	0.01	10.2	30.0
1,1,2,2-Tetrachloroethane	0.476	0.481	0.01	1.0	30.0

FORM VII VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/gdh10vv.d

Date : 13-MAR-2009 09:20

Client ID: ASTD010

Sample Info:

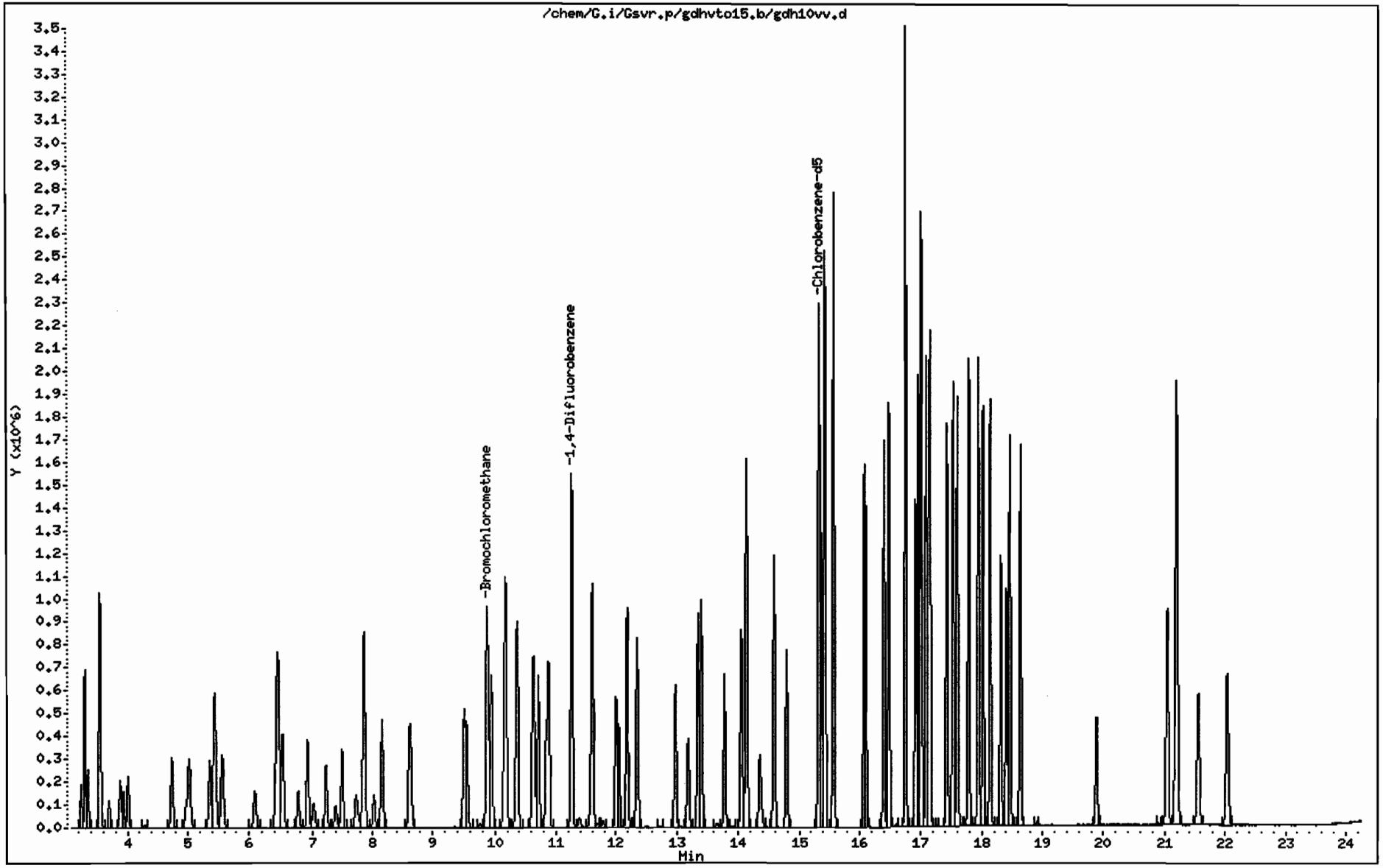
Purge Volume: 200.0

Column phase: RTX-624

Instrument: G.i

Operator: njr

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/gdh10vv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 13-MAR-2009 09:20
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ASTD010;031309GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
4 Chloromethane	50	3.697	3.702	(0.375)	140298	10.0000	8.3
6 Vinyl Chloride	62	3.932	3.943	(0.398)	199793	10.0000	8.7
9 Bromomethane	94	4.740	4.756	(0.480)	275537	10.0000	9.6
10 Chloroethane	64	4.975	4.986	(0.504)	108089	10.0000	8.6
18 1,1-Dichloroethene	96	6.521	6.543	(0.661)	240566	10.0000	9.6
19 Acetone	43	6.773	6.789	(0.686)	272407	10.0000	8.8
21 Carbon Disulfide	76	6.928	6.944	(0.702)	740286	10.0000	9.5
24 Methylene Chloride	49	7.490	7.511	(0.759)	246747	10.0000	8.1
27 trans-1,2-Dichloroethene	61	7.864	7.880	(0.797)	380483	10.0000	9.4
29 1,1-Dichloroethane	63	8.618	8.640	(0.873)	462855	10.0000	9.3
30 Methyl Ethyl Ketone	72	9.555	9.571	(0.968)	93935	10.0000	9.9(Q)
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	284014	10.0000	9.8
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	364221	10.0000	(Q)
34 Chloroform	83	9.940	9.961	(1.007)	632720	10.0000	9.9
35 1,1,1-Trichloroethane	97	10.175	10.197	(0.904)	712910	10.0000	9.6

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
37 Carbon Tetrachloride	117	10.357	10.378	(0.920)	829045	10.0000	9.9
39 Benzene	78	10.710	10.732	(0.952)	767710	10.0000	9.2
41 1,2-Dichloroethane	62	10.833	10.860	(0.962)	399310	10.0000	9.5
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1675534	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.030)	421349	10.0000	9.6
47 1,2-Dichloropropane	63	11.999	12.021	(1.066)	271660	10.0000	9.1
50 Bromodichloromethane	83	12.353	12.374	(1.097)	685864	10.0000	9.7
51 cis-1,3-Dichloropropene	75	12.973	13.000	(1.153)	466719	10.0000	9.6
52 Methyl Isobutyl Ketone	43	13.182	13.198	(1.171)	358712	10.0000	7.8
54 Toluene	92	13.390	13.412	(0.874)	565954	10.0000	9.7
55 trans-1,3-Dichloropropene	75	13.776	13.797	(1.224)	492528	10.0000	9.6
56 1,1,2-Trichloroethane	83	14.048	14.070	(0.917)	302364	10.0000	9.7
57 Tetrachloroethene	166	14.134	14.155	(0.922)	677025	10.0000	10
58 Methyl Butyl Ketone	43	14.353	14.369	(0.936)	347357	10.0000	8.0
59 Dibromochloromethane	129	14.583	14.605	(0.951)	819741	10.0000	11
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1612435	10.0000	
62 Chlorobenzene	112	15.364	15.386	(1.002)	860263	10.0000	9.9
63 Ethylbenzene	91	15.423	15.450	(1.006)	1265216	10.0000	9.8
64 Xylene (m,p)	106	15.573	15.594	(1.016)	1006217	20.0000	20
65 Xylene (o)	106	16.081	16.103	(1.049)	493635	10.0000	10
66 Styrene	104	16.108	16.129	(1.051)	754657	10.0000	11
67 Bromoform	173	16.402	16.424	(1.070)	923292	10.0000	11
69 1,1,2,2-Tetrachloroethane	83	16.910	16.932	(1.103)	774983	10.0000	10

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Instrument ID: G Calibration Date: 03/14/09 Time: 0730

Lab File ID: GDH10WV Init. Calib. Date(s): 02/16/09 02/17/09

Heated Purge: (Y/N) N Init. Calib. Times: 1901 0038

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Chloromethane	0.463	0.407	0.01	12.1	30.0
Vinyl Chloride	0.628	0.585	0.01	6.8	30.0
Bromomethane	0.788	0.819	0.01	3.9	30.0
Chloroethane	0.344	0.325	0.01	5.5	30.0
1,1-Dichloroethene	0.686	0.679	0.01	1.0	30.0
Acetone	0.847	0.723	0.01	14.6	30.0
Carbon Disulfide	2.139	2.074	0.01	3.0	30.0
Methylene Chloride	0.832	0.692	0.01	16.8	30.0
trans-1,2-Dichloroethene	1.110	1.061	0.01	4.4	30.0
1,1-Dichloroethane	1.370	1.303	0.1	4.9	30.0
Methyl Ethyl Ketone	0.261	0.234	0.01	10.3	30.0
cis-1,2-Dichloroethene	0.795	0.794	0.01	0.1	30.0
Chloroform	1.753	1.772	0.01	1.1	30.0
1,1,1-Trichloroethane	0.442	0.470	0.01	6.3	30.0
Carbon Tetrachloride	0.500	0.546	0.01	9.2	30.0
Benzene	0.500	0.490	0.01	2.0	30.0
1,2-Dichloroethane	0.252	0.256	0.01	1.6	30.0
Trichloroethene	0.261	0.273	0.01	4.6	30.0
1,2-Dichloropropane	0.178	0.171	0.01	3.9	30.0
Bromodichloromethane	0.420	0.441	0.01	5.0	30.0
cis-1,3-Dichloropropene	0.292	0.293	0.01	0.3	30.0
Methyl Isobutyl Ketone	0.274	0.233	0.01	15.0	30.0
Toluene	0.363	0.365	0.01	0.6	30.0
trans-1,3-Dichloropropene	0.305	0.310	0.01	1.6	30.0
1,1,2-Trichloroethane	0.193	0.197	0.01	2.1	30.0
Tetrachloroethene	0.409	0.451	0.01	10.3	30.0
Methyl Butyl Ketone	0.269	0.234	0.01	13.0	30.0
Dibromochloromethane	0.482	0.545	0.01	13.1	30.0
Chlorobenzene	0.540	0.564	0.3	4.4	30.0
Ethylbenzene	0.802	0.818	0.01	2.0	30.0
Xylene (m,p)	0.308	0.321	0.01	4.2	30.0
Xylene (o)	0.300	0.318	0.01	6.0	30.0
Styrene	0.442	0.488	0.01	10.4	30.0
Bromoform	0.520	0.610	0.01	17.3	30.0
1,1,2,2-Tetrachloroethane	0.476	0.496	0.01	4.2	30.0

FORM VII VOA

Data File: /chem/G.i/Gsvr.p/gdhwto15.b/gdh10wv.d

Page 3

Date : 14-MAR-2009 07:30

Client ID: ASTD010

Instrument: G.i

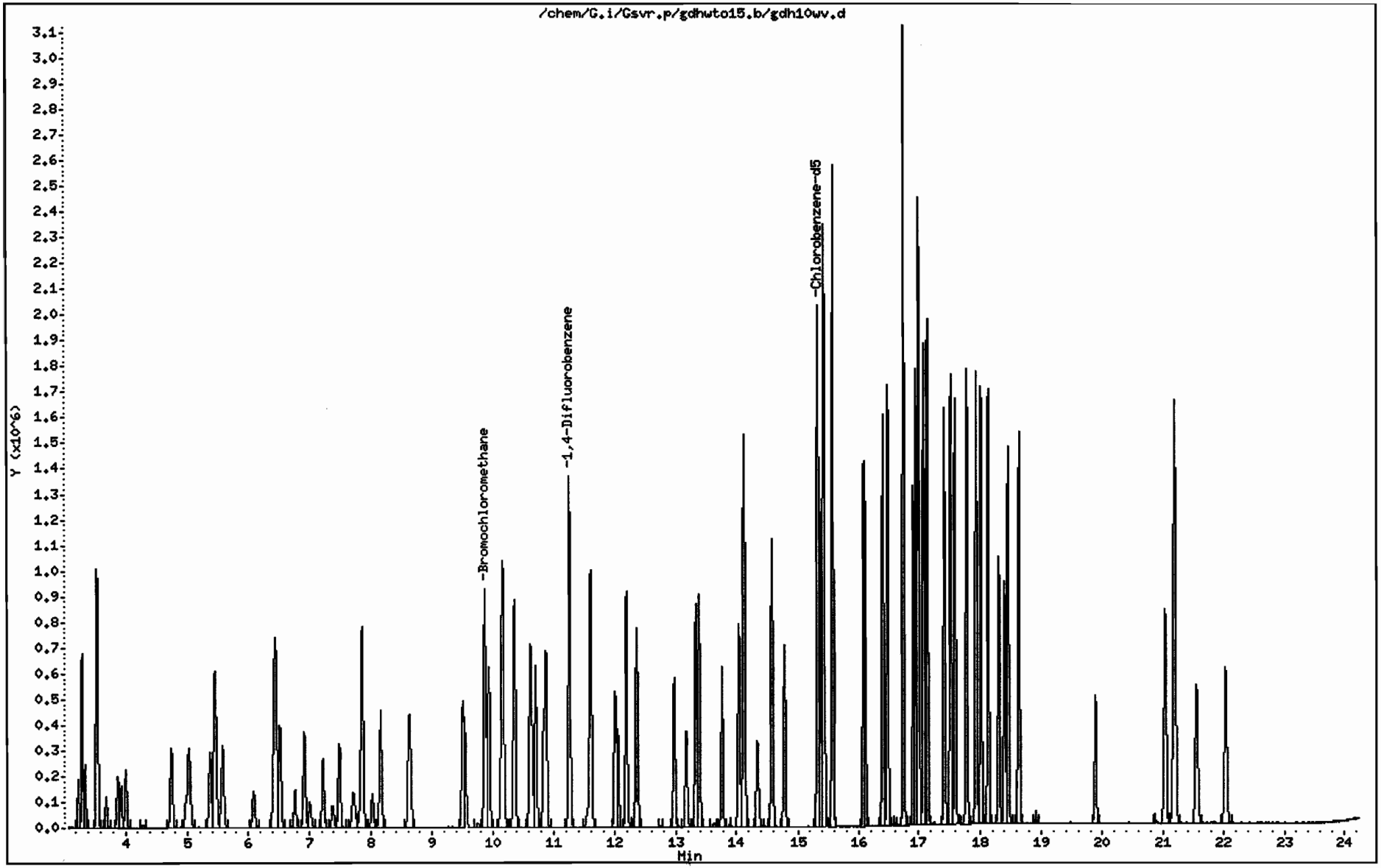
Sample Info:

Purge Volume: 200.0

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhwto15.b/gdh10wv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 14-MAR-2009 07:30
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ASTD010;031409GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhwto15.b/sto15.m
Meth Date : 26-Mar-2009 13:05 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
4 Chloromethane	50	3.697	3.702	(0.375)	138375	10.0000	8.8
6 Vinyl Chloride	62	3.932	3.943	(0.398)	198788	10.0000	9.3
9 Bromomethane	94	4.734	4.756	(0.480)	278529	10.0000	10
10 Chloroethane	64	4.970	4.986	(0.504)	110616	10.0000	9.5
18 1,1-Dichloroethene	96	6.521	6.543	(0.661)	230798	10.0000	9.9
19 Acetone	43	6.773	6.789	(0.686)	245786	10.0000	8.5
21 Carbon Disulfide	76	6.928	6.944	(0.702)	704901	10.0000	9.7
24 Methylene Chloride	49	7.490	7.511	(0.759)	235331	10.0000	8.3
27 trans-1,2-Dichloroethene	61	7.859	7.880	(0.796)	360626	10.0000	9.6
29 1,1-Dichloroethane	63	8.613	8.640	(0.873)	443032	10.0000	9.5
30 Methyl Ethyl Ketone	72	9.549	9.571	(0.967)	79614	10.0000	9.0(Q)
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	269808	10.0000	10
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	339916	10.0000	
34 Chloroform	83	9.940	9.961	(1.007)	602273	10.0000	10
35 1,1,1-Trichloroethane	97	10.175	10.197	(0.904)	686065	10.0000	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
37 Carbon Tetrachloride	117	10.357	10.378	(0.921)	798042	10.0000	11
39 Benzene	78	10.705	10.732	(0.951)	715250	10.0000	9.8
41 1,2-Dichloroethane	62	10.833	10.860	(0.963)	373525	10.0000	10
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1461065	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.031)	399456	10.0000	10
47 1,2-Dichloropropane	63	11.999	12.021	(1.067)	250228	10.0000	9.6
50 Bromodichloromethane	83	12.347	12.374	(1.097)	644178	10.0000	11
51 cis-1,3-Dichloropropene	75	12.973	13.000	(1.153)	428820	10.0000	10
52 Methyl Isobutyl Ketone	43	13.171	13.198	(1.171)	340321	10.0000	8.5
54 Toluene	92	13.390	13.412	(0.874)	517228	10.0000	10
55 trans-1,3-Dichloropropene	75	13.770	13.797	(1.224)	452510	10.0000	10
56 1,1,2-Trichloroethane	83	14.048	14.070	(0.917)	279018	10.0000	10
57 Tetrachloroethene	166	14.129	14.155	(0.922)	639905	10.0000	11
58 Methyl Butyl Ketone	43	14.343	14.369	(0.936)	332152	10.0000	8.7
59 Dibromochloromethane	129	14.578	14.605	(0.951)	772172	10.0000	11
* 61 Chlorobenzene-d5	117	15.322	15.348	(1.000)	1417343	10.0000	
62 Chlorobenzene	112	15.359	15.386	(1.002)	798763	10.0000	10
63 Ethylbenzene	91	15.423	15.450	(1.007)	1160151	10.0000	10
64 Xylene (m,p)	106	15.568	15.594	(1.016)	909832	20.0000	21
65 Xylene (o)	106	16.076	16.103	(1.049)	450953	10.0000	11
66 Styrene	104	16.103	16.129	(1.051)	691407	10.0000	11
67 Bromoform	173	16.402	16.424	(1.071)	865396	10.0000	12
69 1,1,2,2-Tetrachloroethane	83	16.910	16.932	(1.104)	703467	10.0000	10

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Instrument ID: G Calibration Date: 03/23/09 Time: 0914

Lab File ID: GDH1ADV Init. Calib. Date(s): 02/16/09 02/17/09

Heated Purge: (Y/N) N Init. Calib. Times: 1901 0038

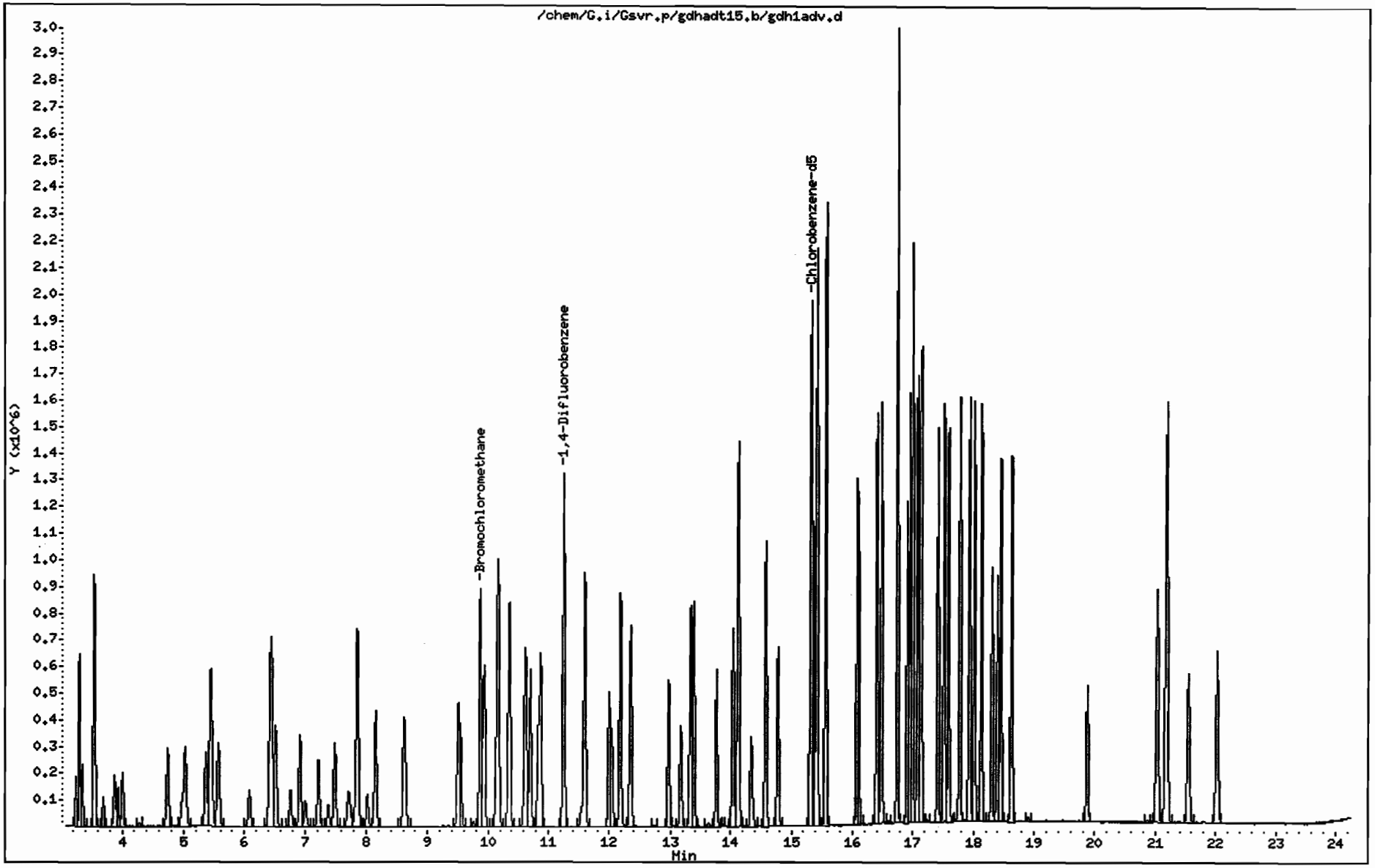
GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Chloromethane	0.463	0.376	0.01	18.8	30.0
Vinyl Chloride	0.628	0.540	0.01	14.0	30.0
Bromomethane	0.788	0.784	0.01	0.5	30.0
Chloroethane	0.344	0.310	0.01	9.9	30.0
1,1-Dichloroethene	0.686	0.651	0.01	5.1	30.0
Acetone	0.847	0.707	0.01	16.5	30.0
Carbon Disulfide	2.139	1.991	0.01	6.9	30.0
Methylene Chloride	0.832	0.673	0.01	19.1	30.0
trans-1,2-Dichloroethene	1.110	1.020	0.01	8.1	30.0
1,1-Dichloroethane	1.370	1.267	0.1	7.5	30.0
Methyl Ethyl Ketone	0.261	0.230	0.01	11.9	30.0
cis-1,2-Dichloroethene	0.795	0.758	0.01	4.6	30.0
Chloroform	1.753	1.744	0.01	0.5	30.0
1,1,1-Trichloroethane	0.442	0.459	0.01	3.8	30.0
Carbon Tetrachloride	0.500	0.539	0.01	7.8	30.0
Benzene	0.500	0.472	0.01	5.6	30.0
1,2-Dichloroethane	0.252	0.253	0.01	0.4	30.0
Trichloroethene	0.261	0.264	0.01	1.1	30.0
1,2-Dichloropropane	0.178	0.165	0.01	7.3	30.0
Bromodichloromethane	0.420	0.433	0.01	3.1	30.0
cis-1,3-Dichloropropene	0.292	0.283	0.01	3.1	30.0
Methyl Isobutyl Ketone	0.274	0.236	0.01	13.9	30.0
Toluene	0.363	0.349	0.01	3.8	30.0
trans-1,3-Dichloropropene	0.305	0.295	0.01	3.3	30.0
1,1,2-Trichloroethane	0.193	0.190	0.01	1.6	30.0
Tetrachloroethene	0.409	0.441	0.01	7.8	30.0
Methyl Butyl Ketone	0.269	0.242	0.01	10.0	30.0
Dibromochloromethane	0.482	0.534	0.01	10.8	30.0
Chlorobenzene	0.540	0.544	0.3	0.7	30.0
Ethylbenzene	0.802	0.777	0.01	3.1	30.0
Xylene (m,p)	0.308	0.302	0.01	1.9	30.0
Xylene (o)	0.300	0.298	0.01	0.7	30.0
Styrene	0.442	0.455	0.01	2.9	30.0
Bromoform	0.520	0.602	0.01	15.8	30.0
1,1,2,2-Tetrachloroethane	0.476	0.464	0.01	2.5	30.0

FORM VII VOA

Data File: /chem/G.i/Gsvr.p/gdhadt15.b/gdh1adv.d
Date : 23-MAR-2009 09:14
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhadt15.b/gdh1adv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 23-MAR-2009 09:14
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : ASTD010;032309GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhadt15.b/sto15.m
Meth Date : 26-Mar-2009 13:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
4 Chloromethane	50	3.697	3.702	(0.375)	124422	10.0000	8.1
6 Vinyl Chloride	62	3.932	3.943	(0.399)	178796	10.0000	8.6
9 Bromomethane	94	4.740	4.756	(0.480)	259702	10.0000	10
10 Chloroethane	64	4.970	4.986	(0.504)	102497	10.0000	9.0
18 1,1-Dichloroethene	96	6.521	6.543	(0.661)	215450	10.0000	9.5
19 Acetone	43	6.767	6.789	(0.686)	233922	10.0000	8.3
21 Carbon Disulfide	76	6.928	6.944	(0.702)	659176	10.0000	9.3
24 Methylene Chloride	49	7.484	7.511	(0.759)	222795	10.0000	8.1
27 trans-1,2-Dichloroethene	61	7.859	7.880	(0.797)	337639	10.0000	9.2
29 1,1-Dichloroethane	63	8.613	8.640	(0.873)	419517	10.0000	9.3
30 Methyl Ethyl Ketone	72	9.544	9.571	(0.967)	76264	10.0000	8.8(Q)
31 cis-1,2-Dichloroethene	96	9.496	9.523	(0.963)	250928	10.0000	9.5
* 32 Bromochloromethane	128	9.865	9.892	(1.000)	331013	10.0000	(Q)
34 Chloroform	83	9.934	9.961	(1.007)	577127	10.0000	9.9
35 1,1,1-Trichloroethane	97	10.170	10.197	(0.904)	657582	10.0000	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
37 Carbon Tetrachloride	117	10.357	10.378	(0.921)	772472	10.0000	11
39 Benzene	78	10.699	10.732	(0.951)	677133	10.0000	9.4
41 1,2-Dichloroethane	62	10.828	10.860	(0.963)	362795	10.0000	10
* 43 1,4-Difluorobenzene	114	11.245	11.277	(1.000)	1432920	10.0000	
45 Trichloroethene	95	11.593	11.620	(1.031)	377772	10.0000	10
47 1,2-Dichloropropane	63	11.994	12.021	(1.067)	235871	10.0000	9.3
50 Bromodichloromethane	83	12.347	12.374	(1.098)	620866	10.0000	10
51 cis-1,3-Dichloropropene	75	12.968	13.000	(1.153)	405115	10.0000	9.7
52 Methyl Isobutyl Ketone	43	13.171	13.198	(1.171)	338099	10.0000	8.6
54 Toluene	92	13.385	13.412	(0.874)	479908	10.0000	9.6
55 trans-1,3-Dichloropropene	75	13.765	13.797	(1.224)	422574	10.0000	9.7
56 1,1,2-Trichloroethane	83	14.037	14.070	(0.917)	261156	10.0000	9.8
57 Tetrachloroethene	166	14.123	14.155	(0.922)	606760	10.0000	11
58 Methyl Butyl Ketone	43	14.337	14.369	(0.936)	332405	10.0000	9.0
59 Dibromochloromethane	129	14.578	14.605	(0.952)	733634	10.0000	11
* 61 Chlorobenzene-d5	117	15.316	15.348	(1.000)	1374952	10.0000	
62 Chlorobenzene	112	15.359	15.386	(1.003)	748776	10.0000	10
63 Ethylbenzene	91	15.418	15.450	(1.007)	1068021	10.0000	9.7
64 Xylene (m,p)	106	15.562	15.594	(1.016)	829535	20.0000	20
65 Xylene (o)	106	16.070	16.103	(1.049)	409263	10.0000	9.9
66 Styrene	104	16.102	16.129	(1.051)	625682	10.0000	10
67 Bromoform	173	16.397	16.424	(1.071)	828070	10.0000	12
69 1,1,2,2-Tetrachloroethane	83	16.905	16.932	(1.104)	637350	10.0000	9.7

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Raw QC Data – TO-15 Volatile

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh01pv.d

Date : 16-FEB-2009 17:09

Client ID: VBFB01

Instrument: G.i

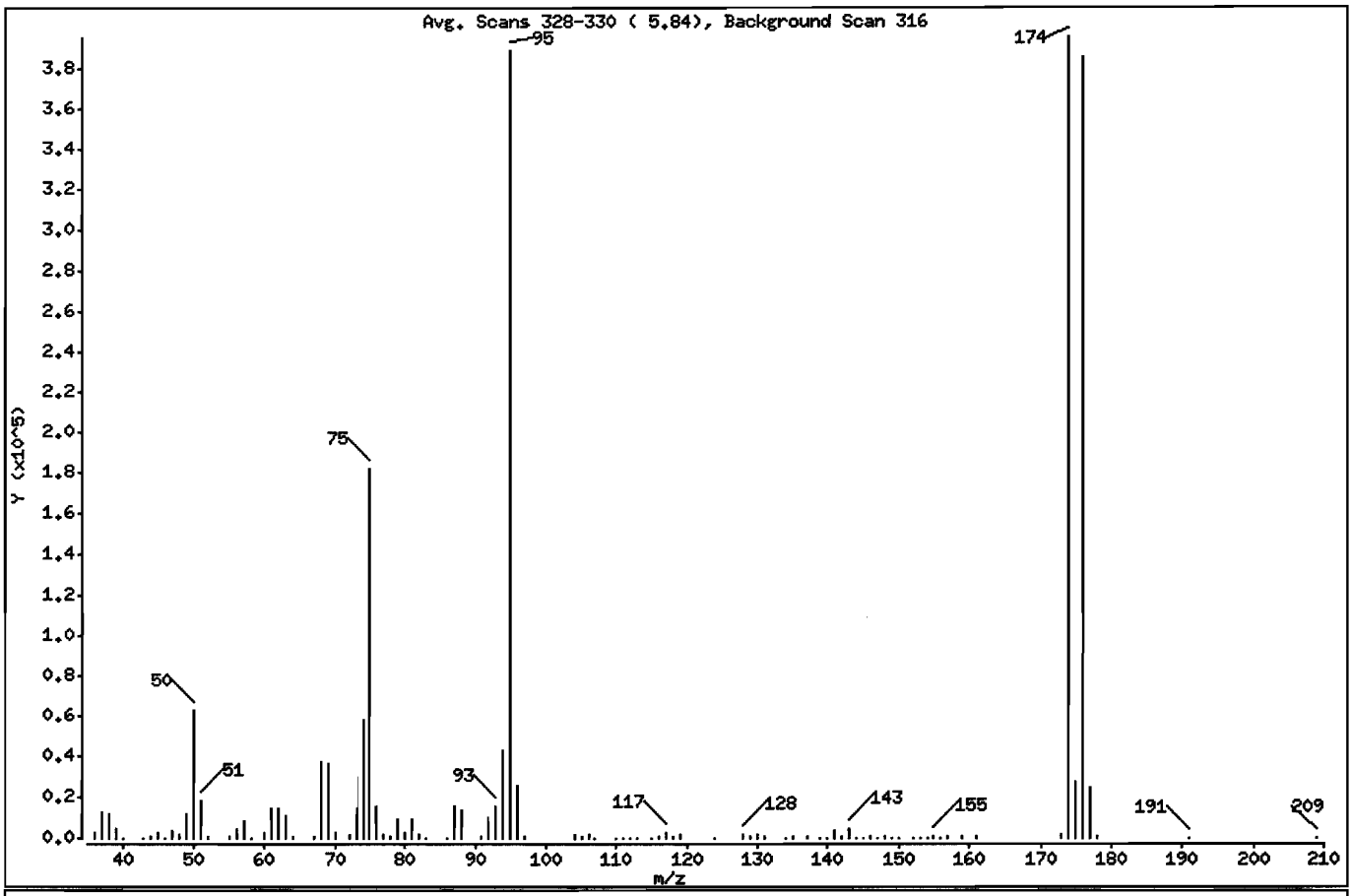
Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	16.16
75	30.00 - 66.00% of mass 95	46.74
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.49 (0.48)
174	50.00 - 120.00% of mass 95	101.64
175	4.00 - 9.00% of mass 174	7.03 (6.92)
176	93.00 - 101.00% of mass 174	99.17 (97.57)
177	5.00 - 9.00% of mass 176	6.37 (6.42)

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh01pv.d

Date : 16-FEB-2009 17:09

Client ID: VBFB01

Instrument: G.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Data File: gdh01pv.d
Spectrum: Avg. Scans 328-330 (5.84), Background Scan 316
Location of Maximum: 174.00
Number of points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2294	68.00	37272	104.00	1703	143.00	4185
37.00	12650	69.00	36688	105.00	623	144.00	258
38.00	11634	70.00	2944	106.00	1453	145.00	399
39.00	4973	72.00	1677	107.00	395	146.00	693
40.00	164	73.00	14331	110.00	221	147.00	310
43.00	68	74.00	58240	111.00	295	148.00	1114
44.00	1244	75.00	181952	112.00	167	149.00	305
45.00	2481	76.00	15470	113.00	314	150.00	451
46.00	67	77.00	2093	115.00	404	152.00	81
47.00	3854	78.00	1323	116.00	1300	153.00	245
48.00	1732	79.00	8776	117.00	2526	154.00	312
49.00	12143	80.00	3076	118.00	1320	155.00	1106
50.00	62904	81.00	8986	119.00	2228	156.00	76
51.00	18416	82.00	2176	124.00	146	157.00	758
52.00	883	83.00	153	128.00	1620	159.00	466
55.00	836	86.00	389	129.00	732	161.00	575
56.00	4357	87.00	15072	130.00	1472	173.00	1914
57.00	8409	88.00	13745	131.00	629	174.00	395648
58.00	298	91.00	1253	134.00	75	175.00	27384
60.00	2677	92.00	9831	135.00	871	176.00	386048
61.00	14553	93.00	15121	137.00	713	177.00	24784
62.00	14386	94.00	42440	139.00	91	178.00	769
63.00	11035	95.00	389312	140.00	232	191.00	56
64.00	1027	96.00	25912	141.00	4091	209.00	177
67.00	814	97.00	736	142.00	501		

Data File: /chem/G.i/Gsvr.p/gdhto15.b/gdh01pv.d

Date : 16-FEB-2009 17:09

Client ID: VBFB01

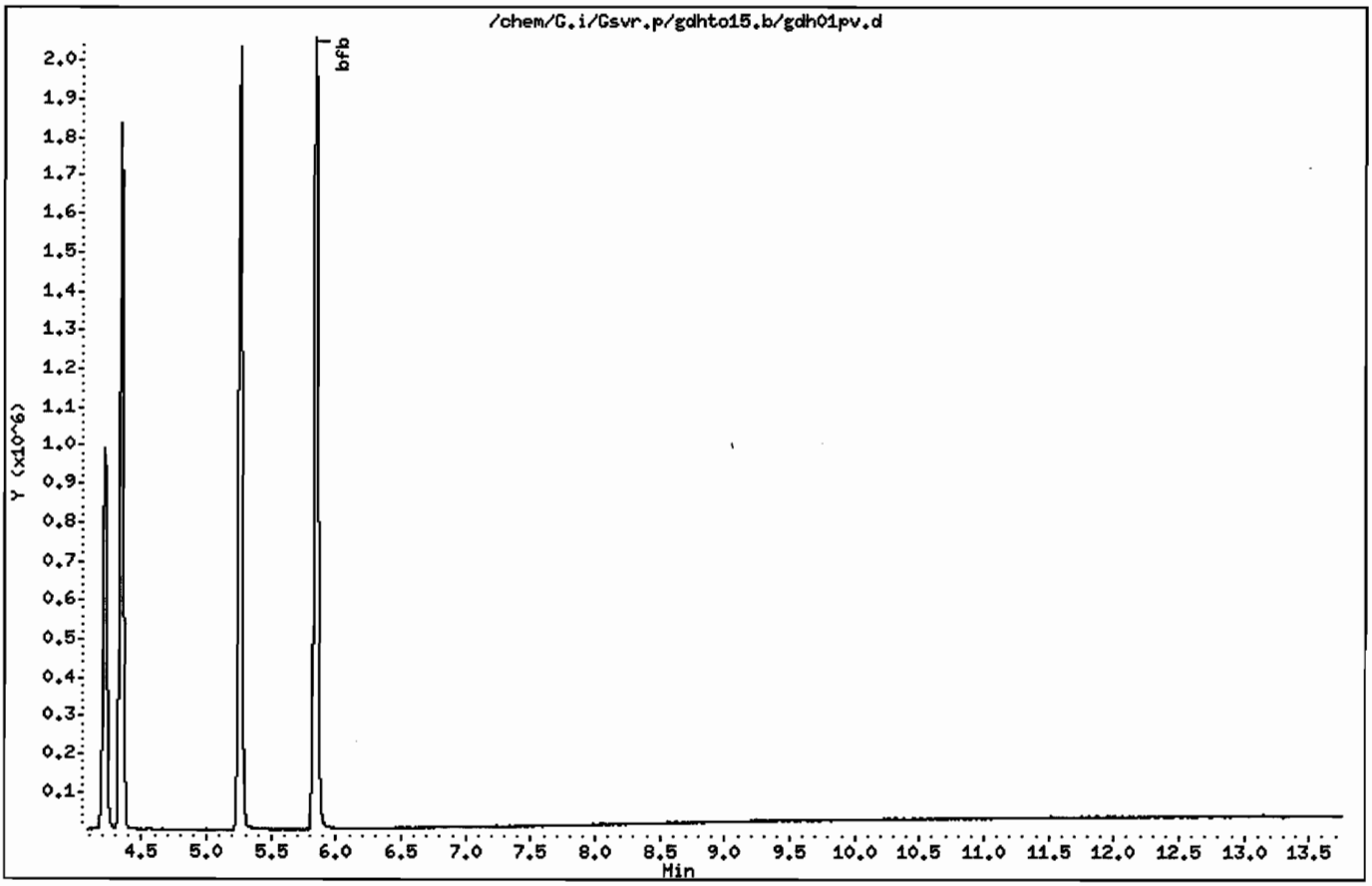
Instrument: G.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/G.i/Gsvr.p/gdhuto15.b/gdh22pv.d

Date : 12-MAR-2009 07:31

Client ID: VBFB

Instrument: G.i

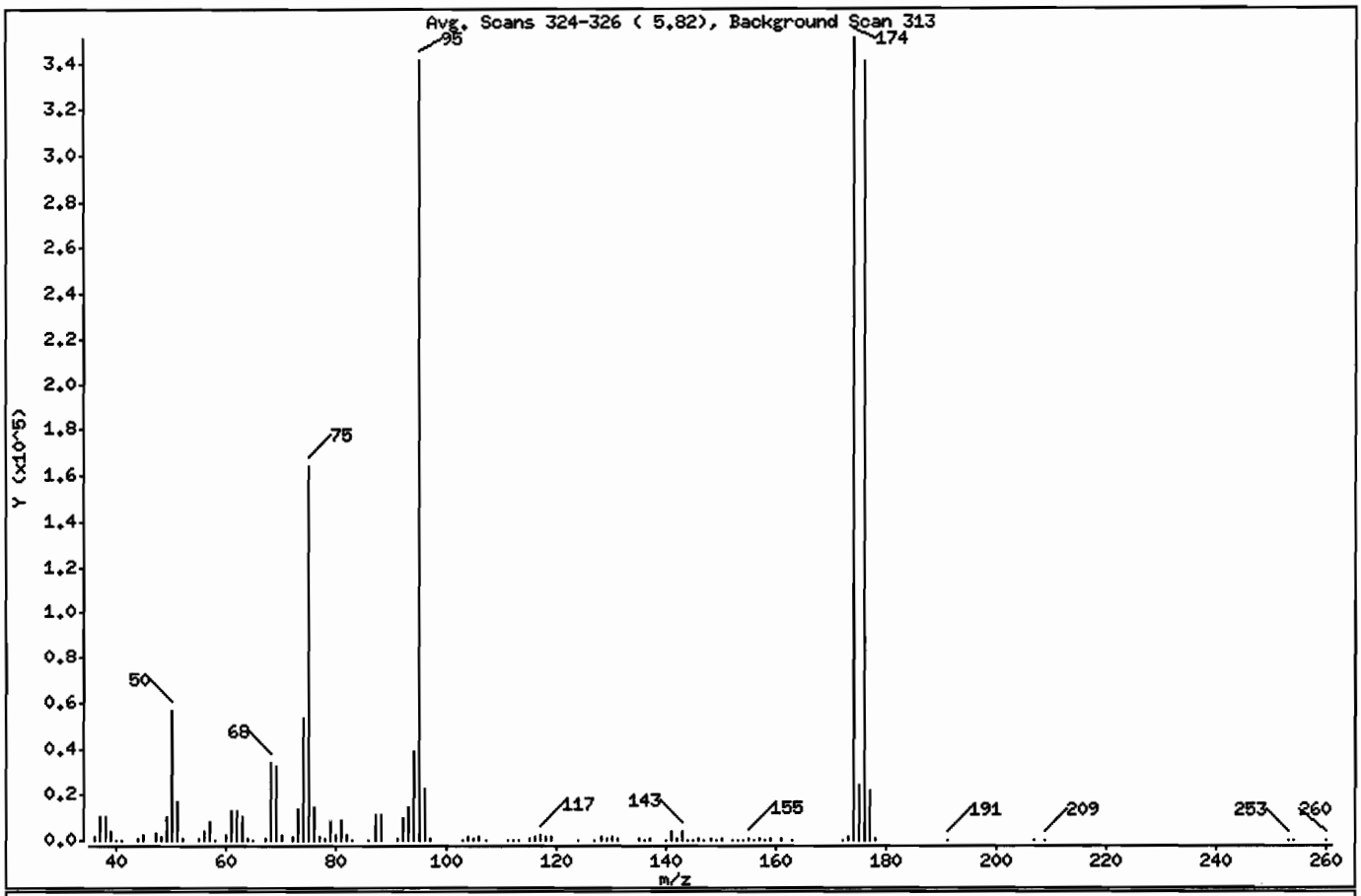
Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	16.49
75	30.00 - 66.00% of mass 95	48.02
96	5.00 - 9.00% of mass 95	6.60
173	Less than 2.00% of mass 174	0.47 (0.46)
174	50.00 - 120.00% of mass 95	102.75
175	4.00 - 9.00% of mass 174	7.08 (6.89)
176	93.00 - 101.00% of mass 174	99.70 (97.03)
177	5.00 - 9.00% of mass 176	6.37 (6.39)

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/gdh22pv.d

Date : 12-MAR-2009 07:31

Client ID: VBFB

Instrument: G.i

Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32

Data File: gdh22pv.d
Spectrum: Avg. Scans 324-326 (5.82), Background Scan 313
Location of Maximum: 174.00
Number of points: 106

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2020	70.00	2563	107.00	401	149.00	332
37.00	10513	72.00	1442	111.00	177	150.00	563
38.00	10418	73.00	13500	112.00	82	152.00	94
39.00	3933	74.00	53176	113.00	168	153.00	260
40.00	39	75.00	164352	115.00	504	154.00	262
41.00	30	76.00	14204	116.00	1230	155.00	1100
44.00	1105	77.00	1774	117.00	2178	156.00	237
45.00	2324	78.00	1113	118.00	1257	157.00	798
47.00	2865	79.00	8419	119.00	1792	158.00	86
48.00	1391	80.00	2794	124.00	181	159.00	467
49.00	10712	81.00	9140	127.00	202	161.00	576
50.00	56432	82.00	2104	128.00	1566	163.00	81
51.00	16600	83.00	143	129.00	754	172.00	143
52.00	890	86.00	276	130.00	1481	173.00	1604
55.00	642	87.00	11576	131.00	650	174.00	351616
56.00	4138	88.00	11406	135.00	755	175.00	24224
57.00	7780	91.00	1171	136.00	71	176.00	341184
58.00	264	92.00	9661	137.00	762	177.00	21784
60.00	2195	93.00	14280	140.00	269	178.00	637
61.00	12781	94.00	38936	141.00	4354	191.00	33
62.00	13049	95.00	342208	142.00	421	207.00	16
63.00	10400	96.00	22568	143.00	4442	209.00	59
64.00	1015	97.00	640	144.00	292	253.00	90
65.00	73	103.00	231	145.00	402	254.00	80
67.00	882	104.00	1535	146.00	755	260.00	51
68.00	34352	105.00	439	147.00	385		
69.00	32552	106.00	1452	148.00	1065		

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/gdh22pv.d

Date : 12-MAR-2009 07:31

Client ID: VBFB

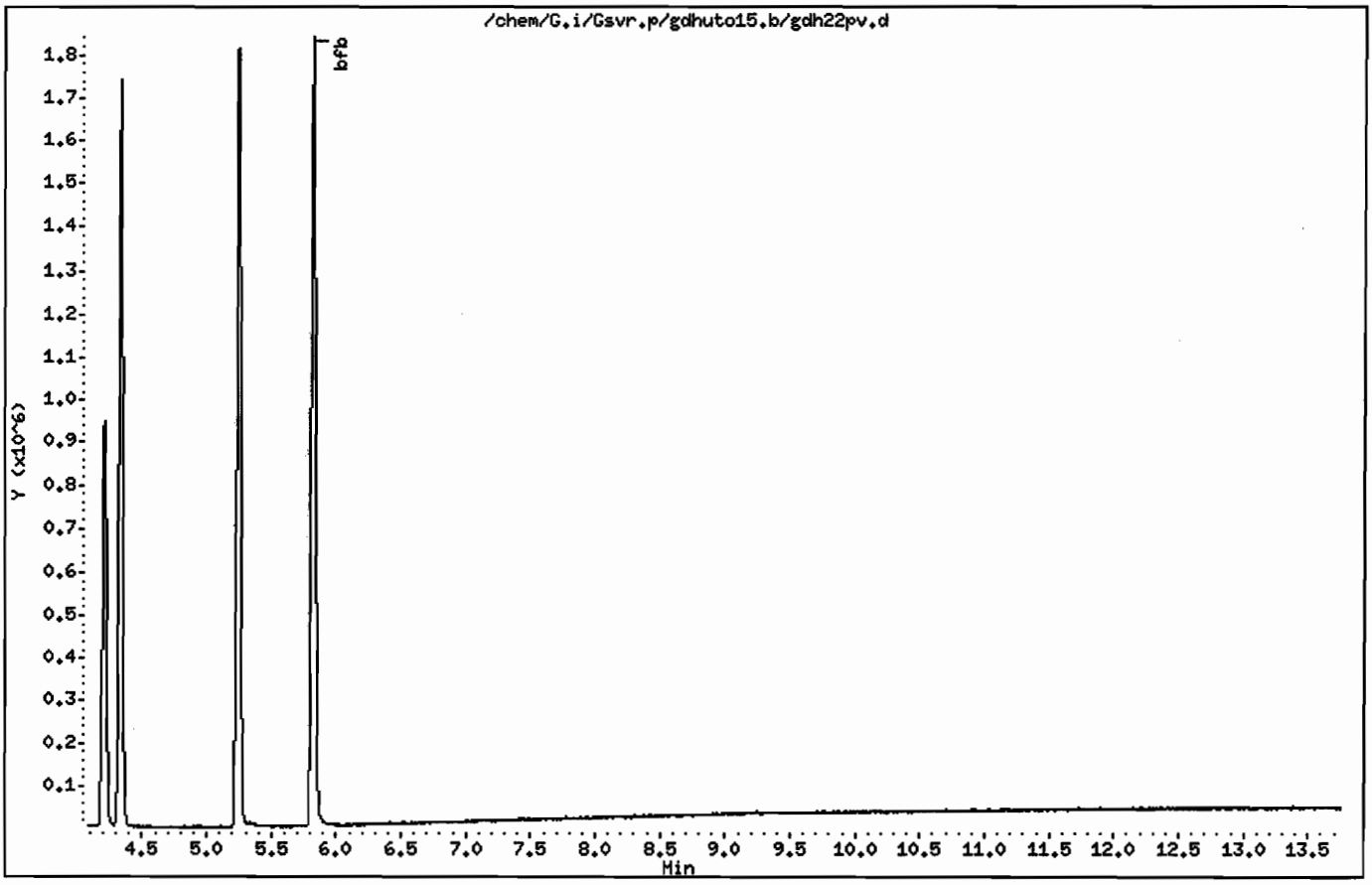
Instrument: G.i

Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/G.i/Gsvr.p/gdhvto15.b/gdh23pv.d

Date : 13-MAR-2009 08:27

Client ID: VBFB

Instrument: G.i

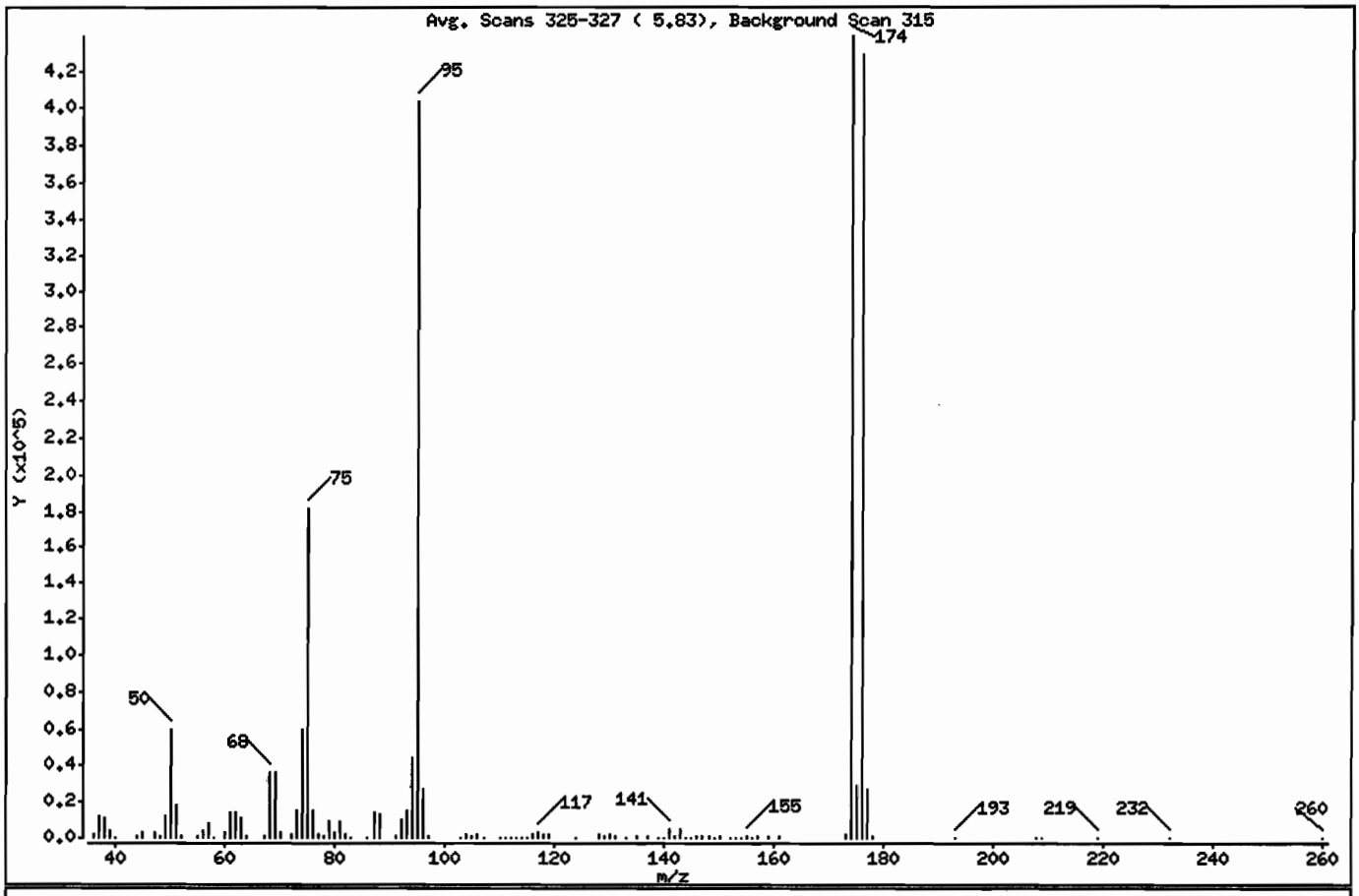
Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.85
75	30.00 - 66.00% of mass 95	45.03
96	5.00 - 9.00% of mass 95	6.78
173	Less than 2.00% of mass 174	0.59 (0.54)
174	50.00 - 120.00% of mass 95	108.64
175	4.00 - 9.00% of mass 174	7.31 (6.73)
176	93.00 - 101.00% of mass 174	106.15 (97.71)
177	5.00 - 9.00% of mass 176	6.77 (6.38)

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/gdh23pv.d

Date : 13-MAR-2009 08:27

Client ID: VBFB

Instrument: G.i

Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32

Data File: gdh23pv.d
Spectrum: Avg. Scans 325-327 (5.83), Background Scan 315
Location of Maximum: 174.00
Number of points: 103

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2116	72.00	1684	107.00	409	146.00	626
37.00	11709	73.00	14727	110.00	210	147.00	539
38.00	10635	74.00	59336	111.00	281	148.00	1212
39.00	4284	75.00	181824	112.00	72	149.00	406
40.00	75	76.00	15403	113.00	319	150.00	537
44.00	1274	77.00	2033	114.00	74	152.00	293
45.00	2529	78.00	1136	115.00	471	153.00	384
47.00	3243	79.00	9161	116.00	1519	154.00	295
48.00	1469	80.00	3021	117.00	2590	155.00	1216
49.00	11673	81.00	9438	118.00	1638	156.00	265
50.00	59968	82.00	1992	119.00	1997	157.00	931
51.00	17856	83.00	86	124.00	284	159.00	668
52.00	827	86.00	262	128.00	1650	161.00	658
55.00	822	87.00	14520	129.00	786	173.00	2367
56.00	4358	88.00	13226	130.00	1594	174.00	438720
57.00	8554	91.00	1331	131.00	633	175.00	29520
58.00	323	92.00	10507	133.00	24	176.00	428672
60.00	2623	93.00	15560	135.00	975	177.00	27328
61.00	13686	94.00	43912	137.00	711	178.00	788
62.00	14010	95.00	403840	139.00	73	193.00	51
63.00	11344	96.00	27368	140.00	322	208.00	47
64.00	1141	97.00	796	141.00	4766	209.00	41
67.00	740	103.00	257	142.00	545	219.00	69
68.00	36704	104.00	1683	143.00	4637	232.00	172
69.00	36496	105.00	679	144.00	250	260.00	48
70.00	2668	106.00	1514	145.00	465		

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/gdh23pv.d

Date : 13-MAR-2009 08:27

Client ID: VBFB

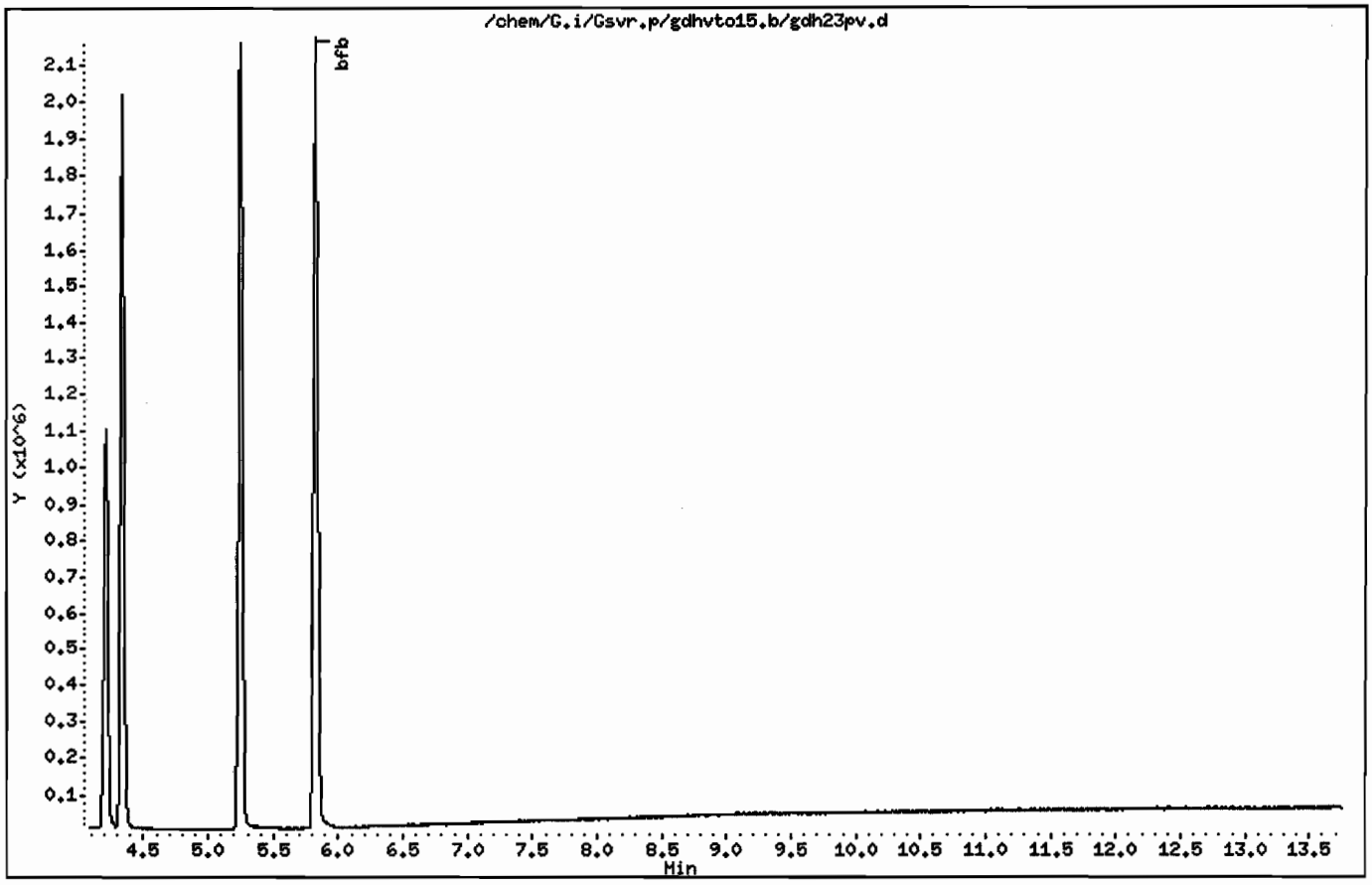
Instrument: G.i

Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/G.i/Gsvr.p/gdhwto15.b/gdh24pv.d

Date : 14-MAR-2009 06:40

Client ID: VBFB

Instrument: G.i

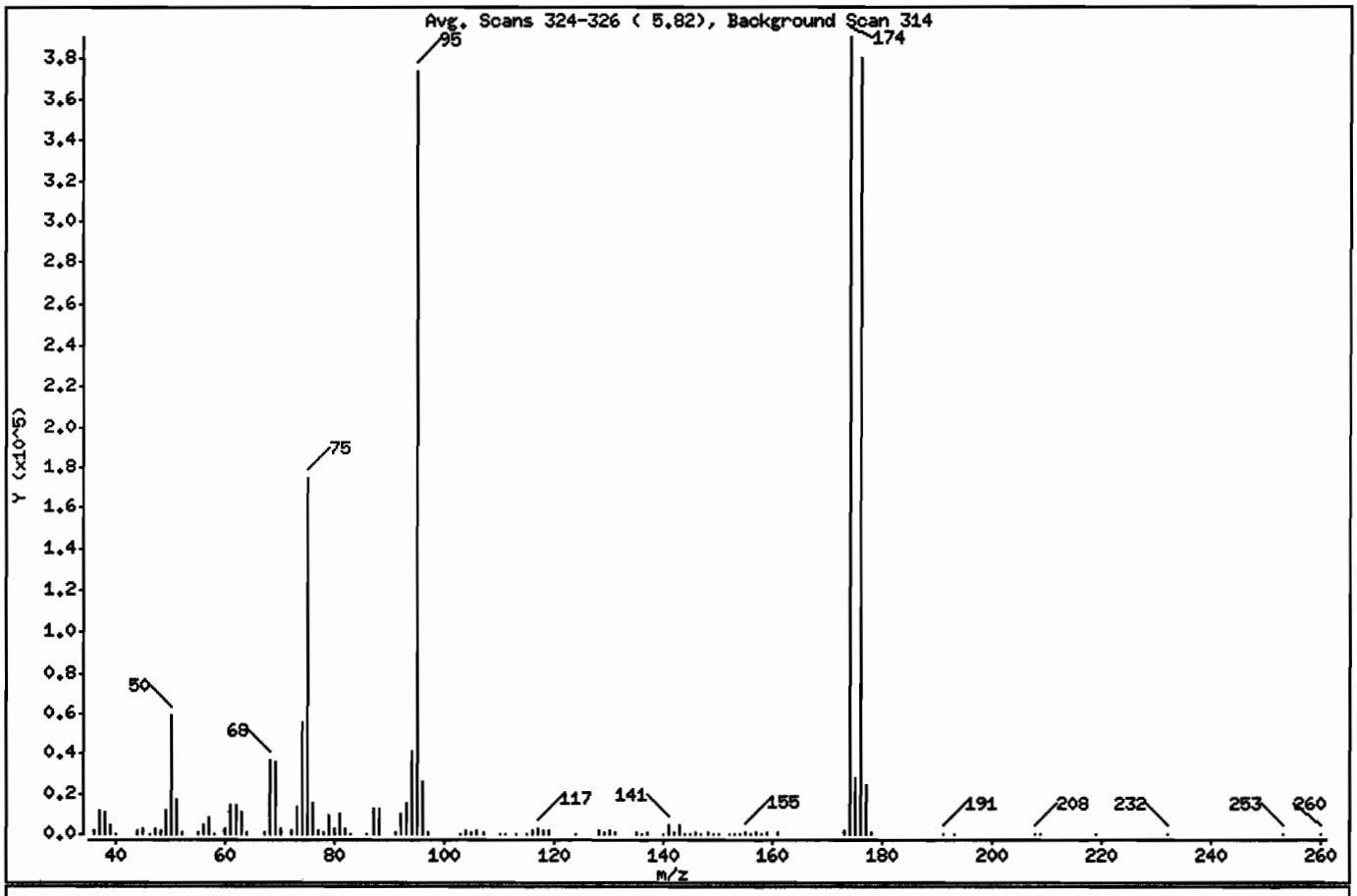
Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	15.74
75	30.00 - 66.00% of mass 95	46.89
96	5.00 - 9.00% of mass 95	6.85
173	Less than 2.00% of mass 174	0.51 (0.49)
174	50.00 - 120.00% of mass 95	104.41
175	4.00 - 9.00% of mass 174	7.38 (7.07)
176	93.00 - 101.00% of mass 174	101.67 (97.38)
177	5.00 - 9.00% of mass 176	6.55 (6.44)

Data File: /chem/G.i/Gsvr.p/gdhwto15.b/gdh24pv.d

Date : 14-MAR-2009 06:40

Client ID: VBFB

Instrument: G.i

Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32

Data File: gdh24pv.d
Spectrum: Avg. Scans 324-326 (5.82), Background Scan 314
Location of Maximum: 174.00
Number of points: 104

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1776	72.00	1531	110.00	139	152.00	76
37.00	11260	73.00	13664	111.00	334	153.00	291
38.00	10692	74.00	55720	113.00	334	154.00	312
39.00	4574	75.00	174848	115.00	412	155.00	1221
40.00	283	76.00	14982	116.00	1346	156.00	275
44.00	1412	77.00	1915	117.00	2364	157.00	848
45.00	2483	78.00	1100	118.00	1434	158.00	152
46.00	72	79.00	8966	119.00	2115	159.00	626
47.00	3002	80.00	2860	124.00	92	161.00	584
48.00	1657	81.00	9645	128.00	1664	173.00	1895
49.00	11571	82.00	2365	129.00	825	174.00	389440
50.00	58720	83.00	78	130.00	1694	175.00	27520
51.00	17368	86.00	173	131.00	685	176.00	379200
52.00	793	87.00	12280	135.00	901	177.00	24432
55.00	650	88.00	12357	136.00	75	178.00	734
56.00	4196	91.00	1254	137.00	703	191.00	188
57.00	8033	92.00	10046	140.00	318	193.00	27
58.00	343	93.00	15475	141.00	4547	208.00	133
60.00	2603	94.00	41472	142.00	554	209.00	56
61.00	13950	95.00	372992	143.00	4522	219.00	87
62.00	14010	96.00	25536	144.00	238	232.00	79
63.00	10855	97.00	706	145.00	406	253.00	42
64.00	997	103.00	258	146.00	699	260.00	136
67.00	699	104.00	1674	147.00	364		
68.00	36504	105.00	529	148.00	1114		
69.00	36024	106.00	1609	149.00	329		
70.00	2715	107.00	462	150.00	438		

Data File: /chem/G.i/Gsvr.p/gdhwto15.b/gdh24pv.d

Date : 14-MAR-2009 06:40

Client ID: VBFB

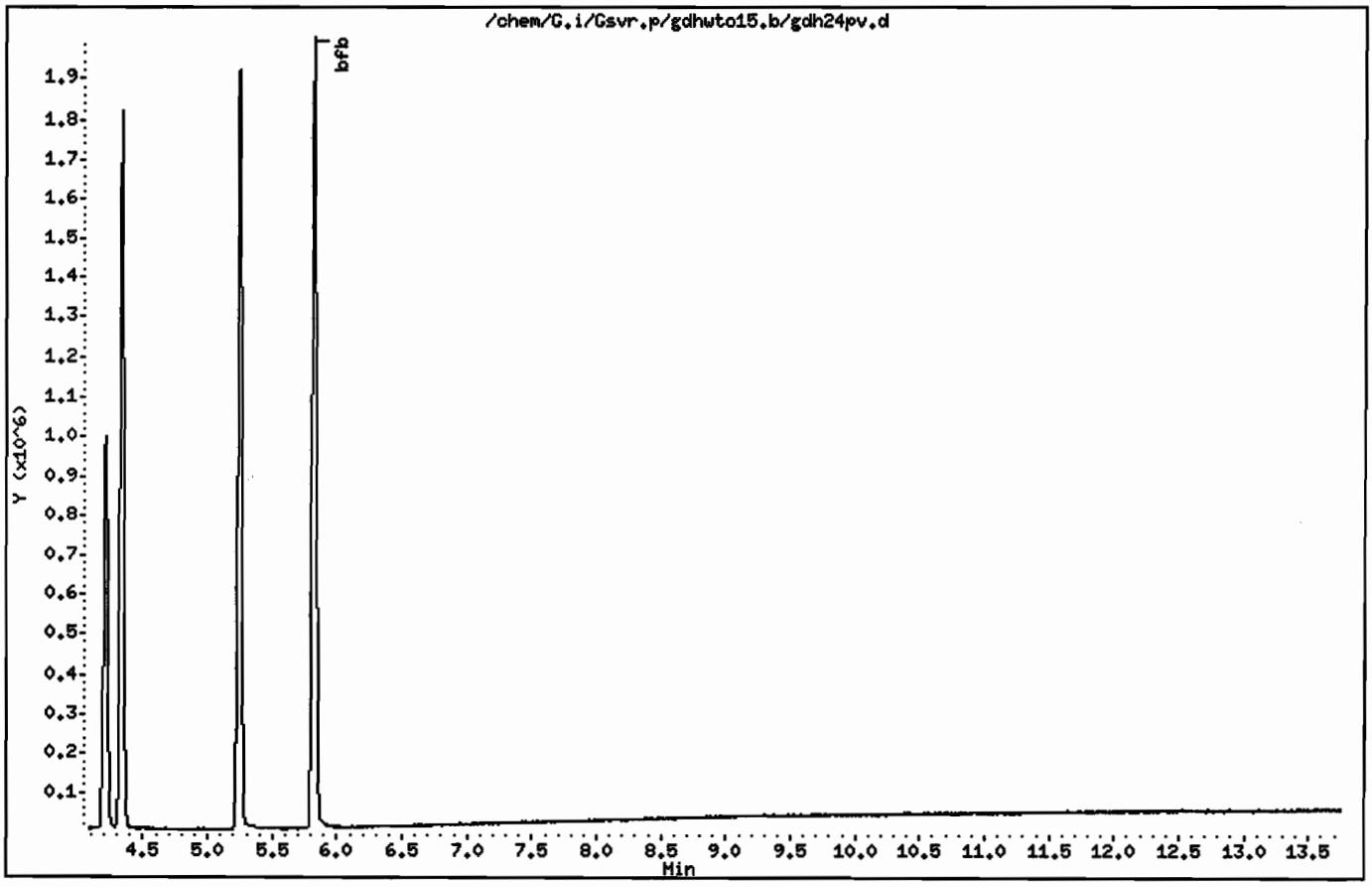
Instrument: G.i

Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/G.i/Gsvr.p/gdhadt15.b/gdh31pv.d

Date : 23-MAR-2009 08:23

Client ID: VBFB

Instrument: G.i

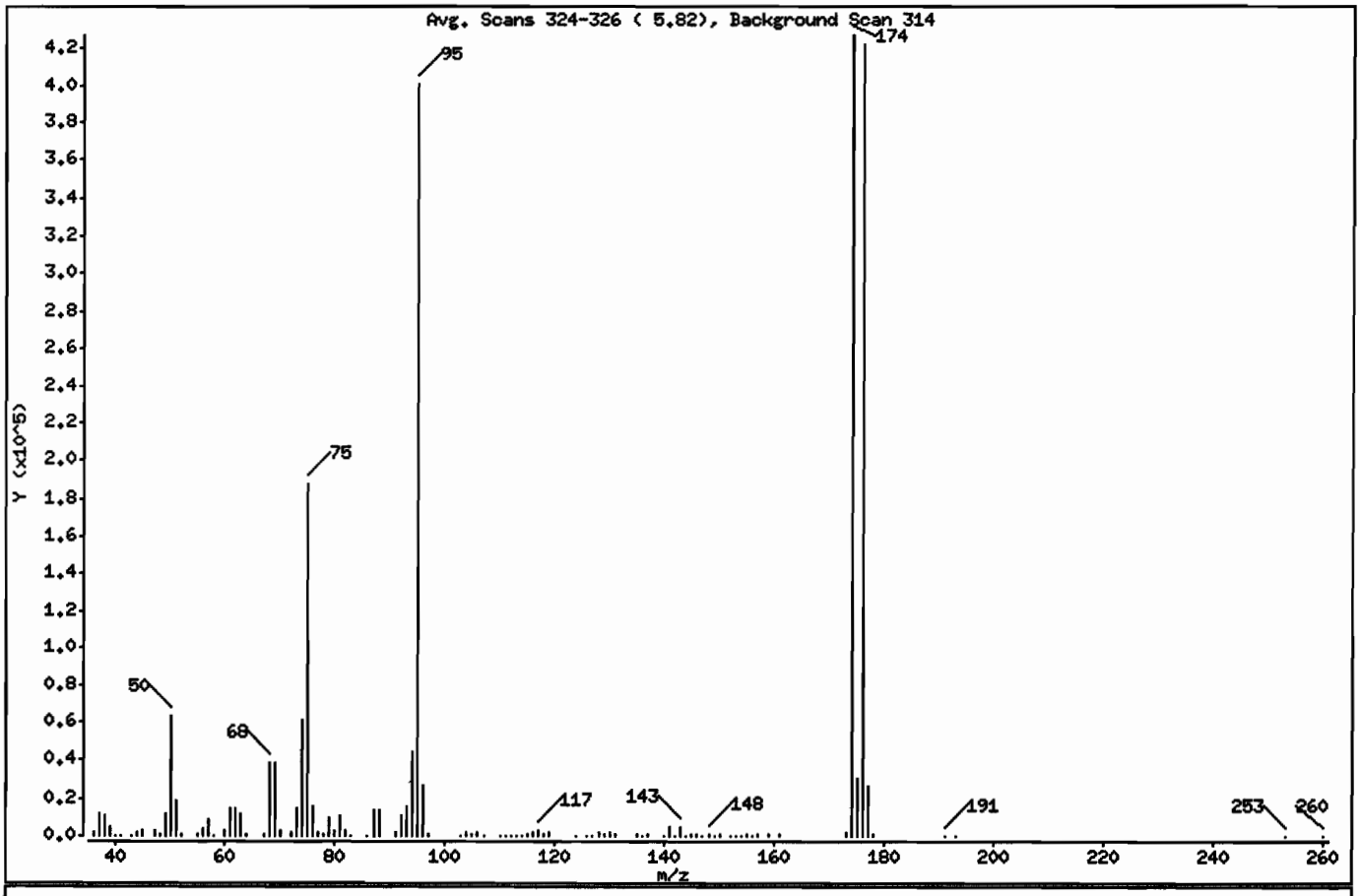
Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

* 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	15.78
75	30.00 - 66.00% of mass 95	46.88
96	5.00 - 9.00% of mass 95	6.63
173	Less than 2.00% of mass 174	0.58 (0.54)
174	50.00 - 120.00% of mass 95	106.73
175	4.00 - 9.00% of mass 174	7.49 (7.01)
176	93.00 - 101.00% of mass 174	105.48 (98.83)
177	5.00 - 9.00% of mass 176	6.75 (6.40)

Data File: /chem/G.i/Gsvr.p/gdhadt15.b/gdh31pv.d

Date : 23-MAR-2009 08:23

Client ID: VBFB

Instrument: G.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: gdh31pv.d
Spectrum: Avg. Scans 324-326 (5.82), Background Scan 314
Location of Maximum: 174.00
Number of points: 104

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2075	70.00	3030	107.00	474	146.00	767
37.00	12030	72.00	1680	110.00	218	147.00	179
38.00	11169	73.00	14736	111.00	349	148.00	1224
39.00	4747	74.00	61080	112.00	282	149.00	393
40.00	20	75.00	187584	113.00	329	150.00	555
41.00	264	76.00	15613	114.00	80	152.00	194
43.00	67	77.00	1898	115.00	575	153.00	360
44.00	1604	78.00	1116	116.00	1599	154.00	313
45.00	2652	79.00	10141	117.00	2611	155.00	1218
47.00	3270	80.00	3237	118.00	1422	156.00	314
48.00	1428	81.00	10457	119.00	2149	157.00	965
49.00	12185	82.00	2708	124.00	269	159.00	672
50.00	63152	83.00	276	126.00	164	161.00	767
51.00	18728	86.00	320	127.00	93	173.00	2311
52.00	1005	87.00	13868	128.00	1705	174.00	427008
55.00	665	88.00	13370	129.00	776	175.00	29952
56.00	4251	91.00	1575	130.00	1777	176.00	422016
57.00	8552	92.00	11019	131.00	686	177.00	26992
58.00	344	93.00	15799	135.00	1080	178.00	929
60.00	2727	94.00	44584	136.00	75	191.00	29
61.00	14637	95.00	400128	137.00	858	193.00	22
62.00	15053	96.00	26512	140.00	319	253.00	96
63.00	11463	97.00	817	141.00	5187	260.00	51
64.00	995	103.00	203	142.00	459		
67.00	807	104.00	1674	143.00	5195		
68.00	38288	105.00	610	144.00	283		
69.00	38016	106.00	1707	145.00	503		

Data File: /chem/G.i/Gsvr.p/gdhadt15.b/gdh31pv.d

Date : 23-MAR-2009 08:23

Client ID: VBFB

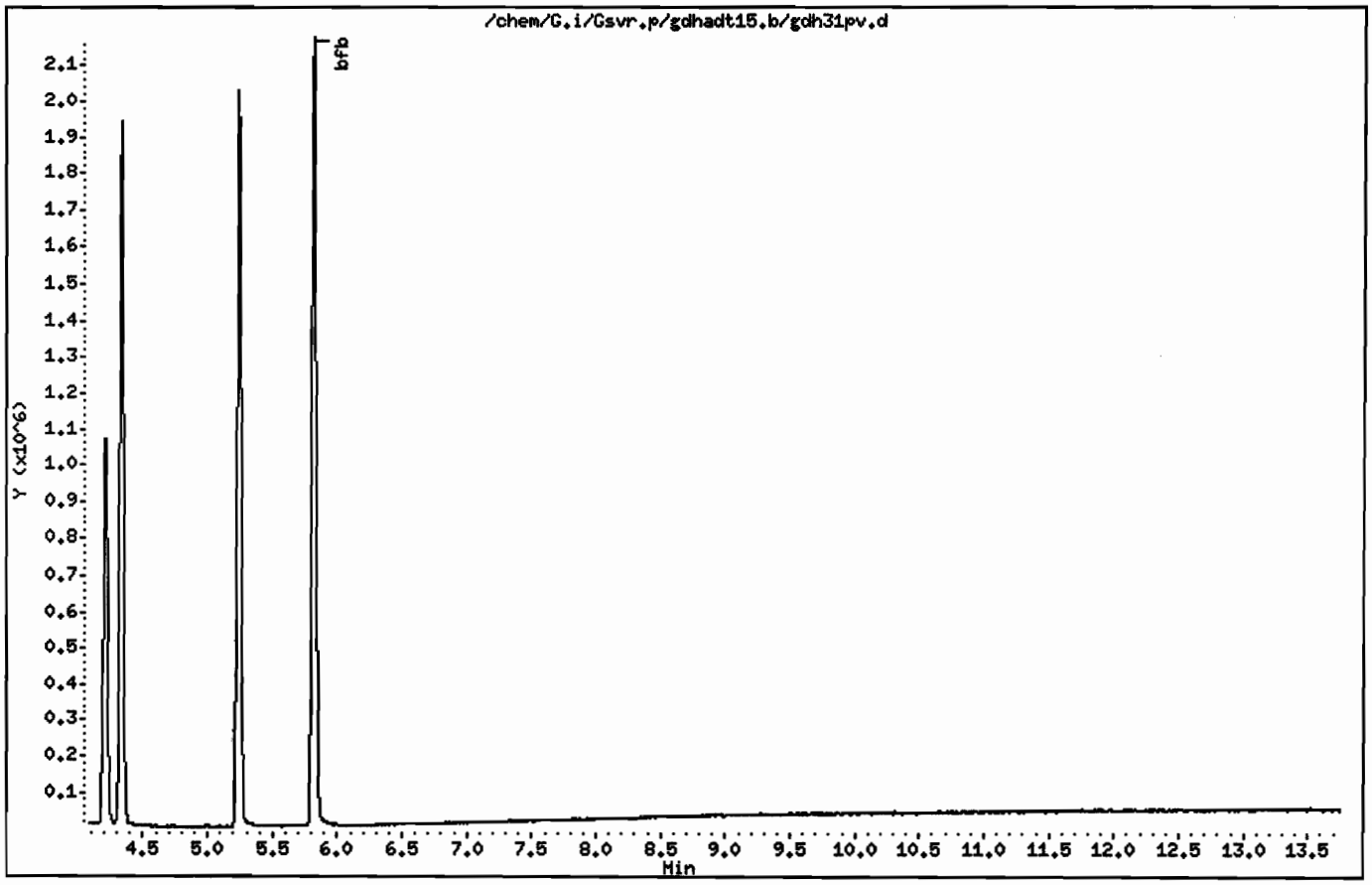
Instrument: G.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK031209GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: MBLK031209GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDHB01U

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.50	U
95-47-6	Xylene (o)	0.20	U
100-42-5	Styrene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK031209GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: MBLK031209GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDHB01U

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

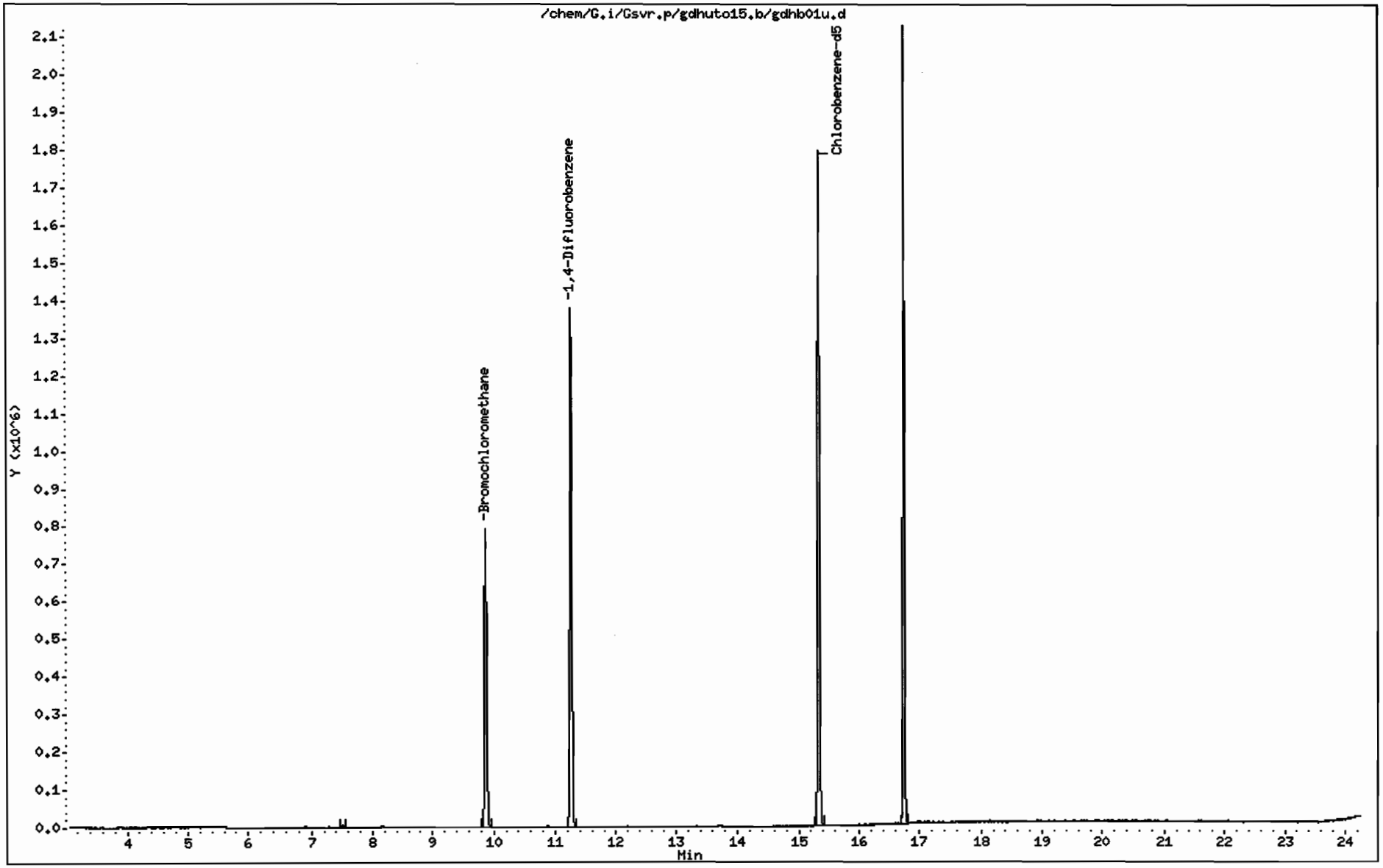
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/gdhb01u.d
Date : 12-MAR-2009 11:29
Client ID: MBLK031209GA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/gdhb01u.d
Lab Smp Id: MBLK031209GA Client Smp ID: MBLK031209GA
Inj Date : 12-MAR-2009 11:29
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : MBLK031209GA;031209GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.875	9.892	(1.000)	294319	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	37 Carbon Tetrachloride	117	Compound Not Detected.					
	39 Benzene	78	Compound Not Detected.					
	41 1,2-Dichloroethane	62	Compound Not Detected.					
*	43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1480563	10.0000	
	45 Trichloroethene	95	Compound Not Detected.					
	47 1,2-Dichloropropane	63	Compound Not Detected.					
	50 Bromodichloromethane	83	Compound Not Detected.					
	51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	54 Toluene	92	Compound Not Detected.					
	55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	56 1,1,2-Trichloroethane	83	Compound Not Detected.					
	57 Tetrachloroethene	166	Compound Not Detected.					
	58 Methyl Butyl Ketone	43	Compound Not Detected.					
	59 Dibromochloromethane	129	Compound Not Detected.					
*	61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1257570	10.0000	
	62 Chlorobenzene	112	Compound Not Detected.					
	63 Ethylbenzene	91	Compound Not Detected.					
	64 Xylene (m,p)	106	Compound Not Detected.					
	65 Xylene (o)	106	Compound Not Detected.					
	66 Styrene	104	Compound Not Detected.					
	67 Bromoform	173	Compound Not Detected.					
	69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK031309GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: MBLK031309GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDHB01V

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.50	U
95-47-6	Xylene (o)	0.20	U
100-42-5	Styrene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK031309GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: MBLK031309GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDHB01V

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U

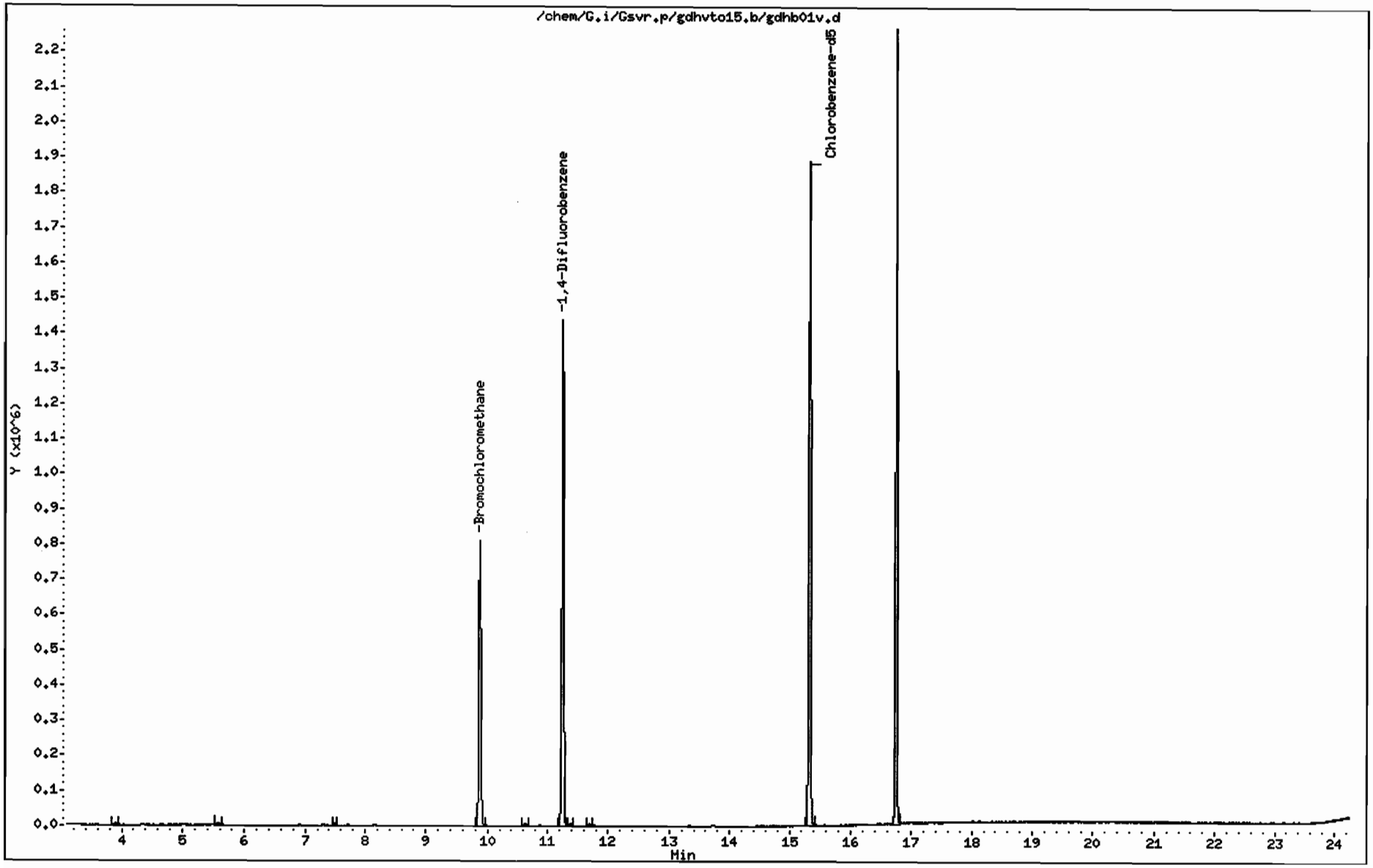
FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/gdhb01v.d
Date : 13-MAR-2009 11:50
Client ID: MBLK031309GA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Page 3

Instrument: G.i

Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/gdhb01v.d
Lab Smp Id: MBLK031309GA Client Smp ID: MBLK031309GA
Inj Date : 13-MAR-2009 11:50
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : MBLK031309GA;031309GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	306585	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1547866	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	Compound Not Detected.					
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.322	15.348	(1.000)	1327039	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	Compound Not Detected.					
65 Xylene (o)	106	Compound Not Detected.					
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK031409GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: MBLK031409GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDHB01W

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/14/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.50	U
95-47-6	Xylene (o)	0.20	U
100-42-5	Styrene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK031409GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: MBLK031409GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDHB01W

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/14/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U

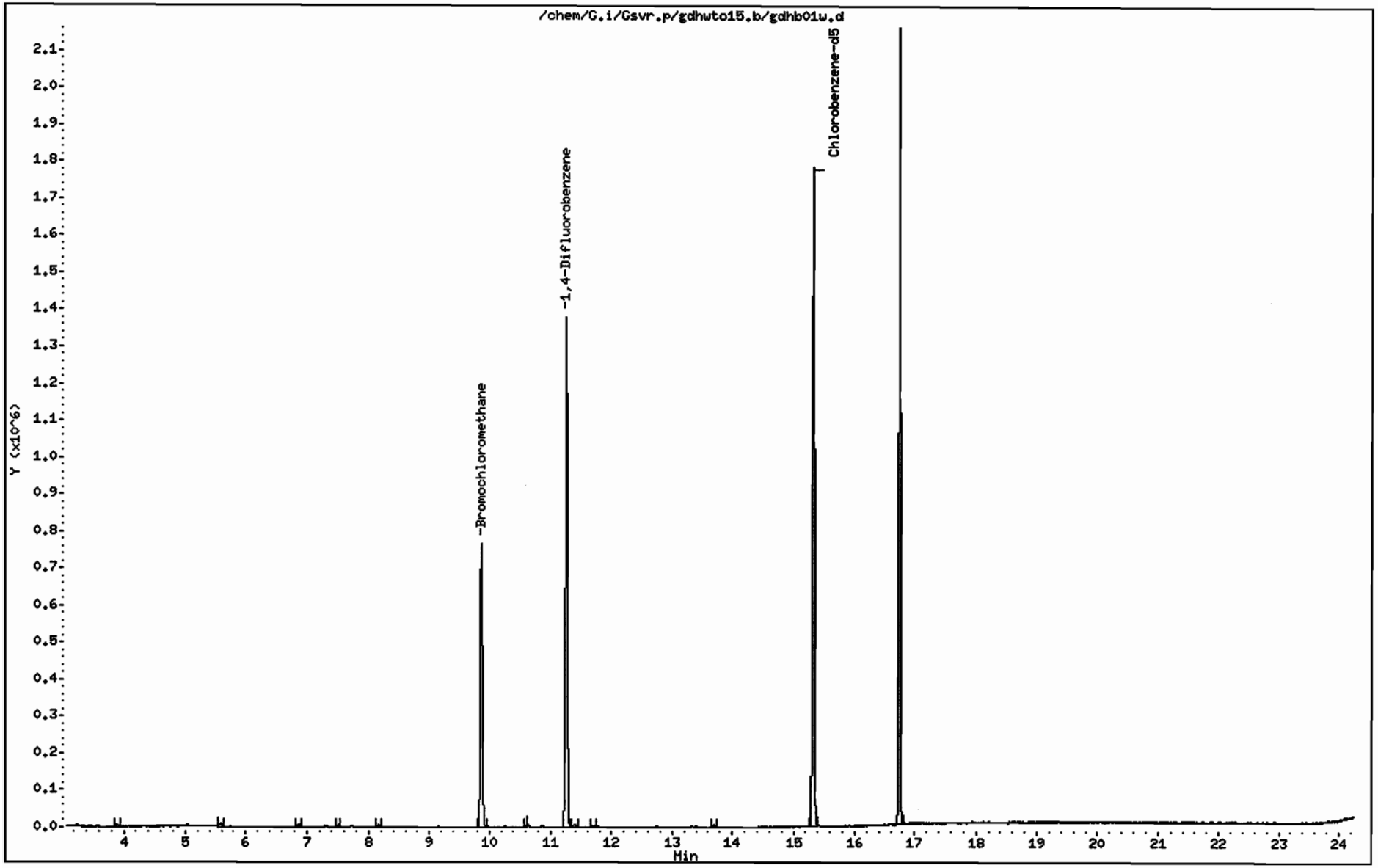
FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhwto15.b/gdhb01w.d
Date : 14-MAR-2009 10:02
Client ID: MBLK031409GA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Page 3

Instrument: G.i

Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhwto15.b/gdhb01w.d
Lab Smp Id: MBLK031409GA Client Smp ID: MBLK031409GA
Inj Date : 14-MAR-2009 10:02
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : MBLK031409GA;031409GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhwto15.b/sto15.m
Meth Date : 26-Mar-2009 13:05 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	287068	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	37 Carbon Tetrachloride	117	Compound Not Detected.					
	39 Benzene	78	Compound Not Detected.					
	41 1,2-Dichloroethane	62	Compound Not Detected.					
*	43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1462218	10.0000	
	45 Trichloroethene	95	Compound Not Detected.					
	47 1,2-Dichloropropane	63	Compound Not Detected.					
	50 Bromodichloromethane	83	Compound Not Detected.					
	51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	54 Toluene	92	Compound Not Detected.					
	55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	56 1,1,2-Trichloroethane	83	Compound Not Detected.					
	57 Tetrachloroethene	166	Compound Not Detected.					
	58 Methyl Butyl Ketone	43	Compound Not Detected.					
	59 Dibromochloromethane	129	Compound Not Detected.					
*	61 Chlorobenzene-d5	117	15.321	15.348	(1.000)	1230482	10.0000	
	62 Chlorobenzene	112	Compound Not Detected.					
	63 Ethylbenzene	91	Compound Not Detected.					
	64 Xylene (m,p)	106	Compound Not Detected.					
	65 Xylene (o)	106	Compound Not Detected.					
	66 Styrene	104	Compound Not Detected.					
	67 Bromoform	173	Compound Not Detected.					
	69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK032309GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: MBLK032309GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDHB01AD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/23/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.50	U
95-47-6	Xylene (o)	0.20	U
100-42-5	Styrene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK032309GA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: MBLK032309GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDHB01AD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/23/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhadt15.b/gdhb01ad.d

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Date : 23-MAR-2009 12:30

Client ID: MBLK032309GA

Instrument: G.i

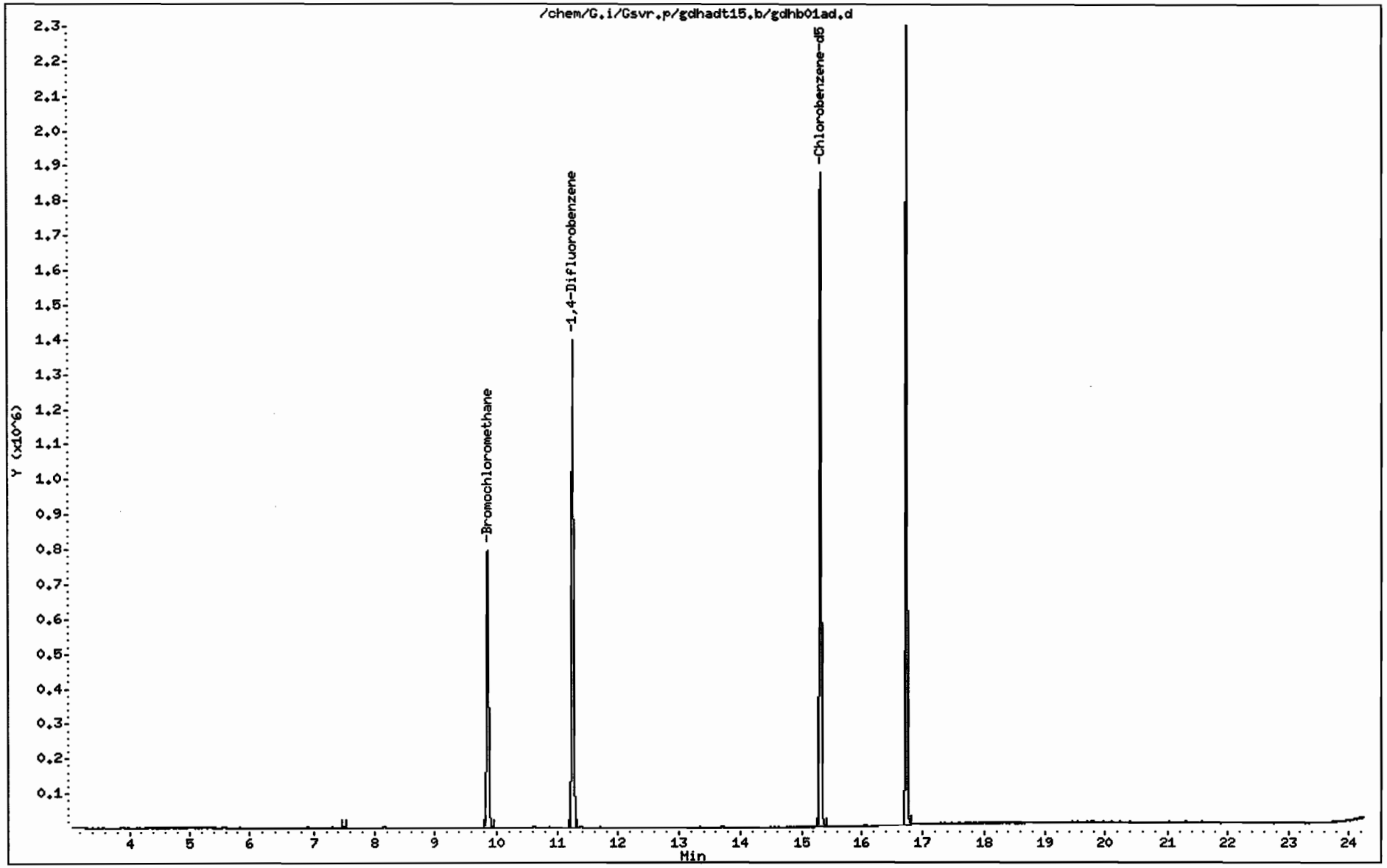
Sample Info:

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhadt15.b/gdhb01ad.d
Lab Smp Id: MBLK032309GA Client Smp ID: MBLK032309GA
Inj Date : 23-MAR-2009 12:30
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : MBLK032309GA;032309GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhadt15.b/sto15.m
Meth Date : 26-Mar-2009 13:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	9.865	9.892	(1.000)	298314	10.0000	
34 Chloroform	83	Compound Not Detected.					
35 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	Compound Not Detected.					
39 Benzene	78	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	11.245	11.277	(1.000)	1489127	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	Compound Not Detected.					
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	15.316	15.348	(1.000)	1294069	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	Compound Not Detected.					
65 Xylene (o)	106	Compound Not Detected.					
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031209LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031209LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10UQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	9.5	
75-01-4	Vinyl Chloride	9.9	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	10	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	12	
75-15-0	Carbon Disulfide	10	
75-09-2	Methylene Chloride	10	
156-60-5	trans-1,2-Dichloroethene	10	
75-34-3	1,1-Dichloroethane	10	
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	11	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	11	
56-23-5	Carbon Tetrachloride	11	
71-43-2	Benzene	10	
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	10	
108-10-1	Methyl Isobutyl Ketone	9.6	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	11	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	10	
591-78-6	Methyl Butyl Ketone	9.7	
124-48-1	Dibromochloromethane	12	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	22	
95-47-6	Xylene (o)	11	
100-42-5	Styrene	12	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031209LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031209LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10UQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

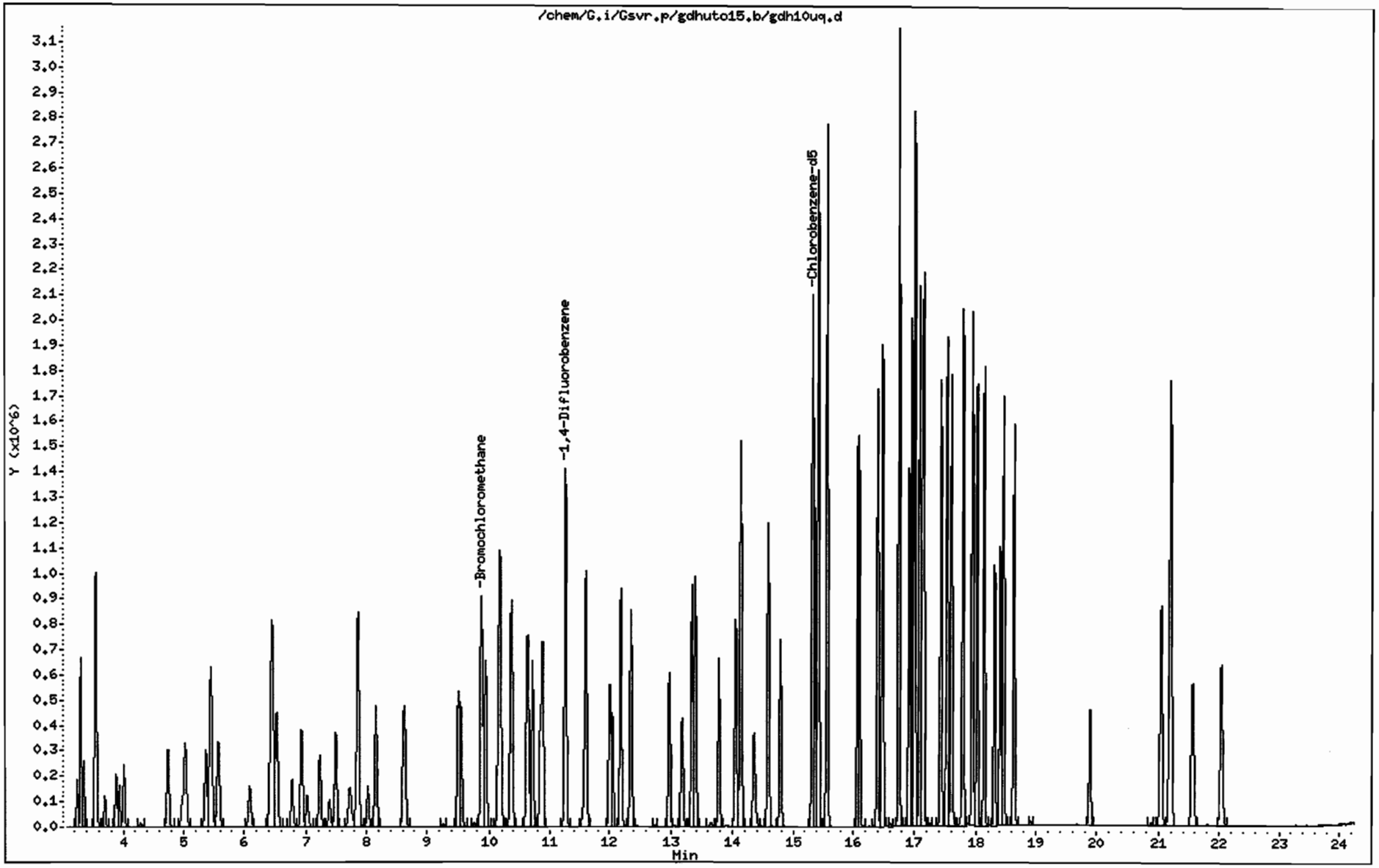
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	11	

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/gdh10uq.d
Date : 12-MAR-2009 09:52
Client ID: GA031209LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/gdh10uq.d
Lab Smp Id: GA031209LCS Client Smp ID: GA031209LCS
Inj Date : 12-MAR-2009 09:52
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : GA031209LCS;031209GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	3.697	3.702	(0.374)	143746	9.54033	9.5
6 Vinyl Chloride	62	3.937	3.943	(0.399)	202575	9.91110	9.9
9 Bromomethane	94	4.740	4.756	(0.480)	269945	10.5274	11
10 Chloroethane	64	4.980	4.986	(0.504)	113504	10.1463	10
18 1,1-Dichloroethene	96	6.527	6.543	(0.661)	254921	11.4158	11
19 Acetone	43	6.773	6.789	(0.686)	318738	11.5568	12
21 Carbon Disulfide	76	6.928	6.944	(0.702)	730559	10.4926	10
24 Methylene Chloride	49	7.489	7.511	(0.758)	274286	10.1246	10
27 trans-1,2-Dichloroethene	61	7.864	7.880	(0.796)	375963	10.4077	10
29 1,1-Dichloroethane	63	8.613	8.640	(0.872)	464635	10.4210	10
30 Methyl Ethyl Ketone	72	9.554	9.571	(0.967)	94920	11.1780	11(Q)
31 cis-1,2-Dichloroethene	96	9.506	9.523	(0.963)	280580	10.8393	11
* 32 Bromochloromethane	128	9.875	9.892	(1.000)	325457	10.0000	
34 Chloroform	83	9.945	9.961	(1.007)	624021	10.9389	11
35 1,1,1-Trichloroethane	97	10.175	10.197	(0.904)	707144	10.7198	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	10.362	10.378	(0.921)	815147	10.9240	11
39 Benzene	78	10.710	10.732	(0.952)	748935	10.0218	10
41 1,2-Dichloroethane	62	10.833	10.860	(0.962)	399303	10.6071	11
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1493473	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.030)	405132	10.3784	10
47 1,2-Dichloropropane	63	12.005	12.021	(1.067)	268541	10.1197	10
50 Bromodichloromethane	83	12.352	12.374	(1.097)	699753	11.1587	11
51 cis-1,3-Dichloropropene	75	12.973	13.000	(1.153)	449768	10.3332	10
52 Methyl Isobutyl Ketone	43	13.176	13.198	(1.171)	393964	9.62156	9.6
54 Toluene	92	13.390	13.412	(0.874)	546011	10.4157	10
55 trans-1,3-Dichloropropene	75	13.775	13.797	(1.224)	485032	10.6556	11
56 1,1,2-Trichloroethane	83	14.048	14.070	(0.917)	286190	10.2325	10
57 Tetrachloroethene	166	14.134	14.155	(0.922)	618603	10.4541	10
58 Methyl Butyl Ketone	43	14.348	14.369	(0.936)	379346	9.72711	9.7
59 Dibromochloromethane	129	14.583	14.605	(0.951)	828965	11.9014	12
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1445767	10.0000	
62 Chlorobenzene	112	15.364	15.386	(1.002)	814552	10.4469	10
63 Ethylbenzene	91	15.423	15.450	(1.006)	1267790	10.9275	11
64 Xylene (m,p)	106	15.573	15.594	(1.016)	978943	22.0065	22
65 Xylene (o)	106	16.081	16.103	(1.049)	473809	10.9377	11
66 Styrene	104	16.108	16.129	(1.051)	743633	11.6175	12
67 Bromoform	173	16.402	16.424	(1.070)	924737	12.2987	12
69 1,1,2,2-Tetrachloroethane	83	16.910	16.932	(1.103)	749676	10.8887	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031209LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031209LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10UQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	9.6	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	10	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	12	
75-15-0	Carbon Disulfide	11	
75-09-2	Methylene Chloride	10	
156-60-5	trans-1,2-Dichloroethene	11	
75-34-3	1,1-Dichloroethane	11	
78-93-3	Methyl Ethyl Ketone	12	
156-59-2	cis-1,2-Dichloroethene	11	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	11	
56-23-5	Carbon Tetrachloride	12	
71-43-2	Benzene	11	
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	11	
75-27-4	Bromodichloromethane	12	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	10	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	11	
79-00-5	1,1,2-Trichloroethane	11	
127-18-4	Tetrachloroethene	11	
591-78-6	Methyl Butyl Ketone	10	
124-48-1	Dibromochloromethane	12	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	23	
95-47-6	Xylene (o)	12	
100-42-5	Styrene	12	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031209LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031209LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10UQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	13	
79-34-5	1,1,2,2-Tetrachloroethane	11	

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhuto15.b/gdh10uqd.d

Page 3

Date : 12-MAR-2009 10:41

Client ID: GA031209LCSD

Instrument: G.i

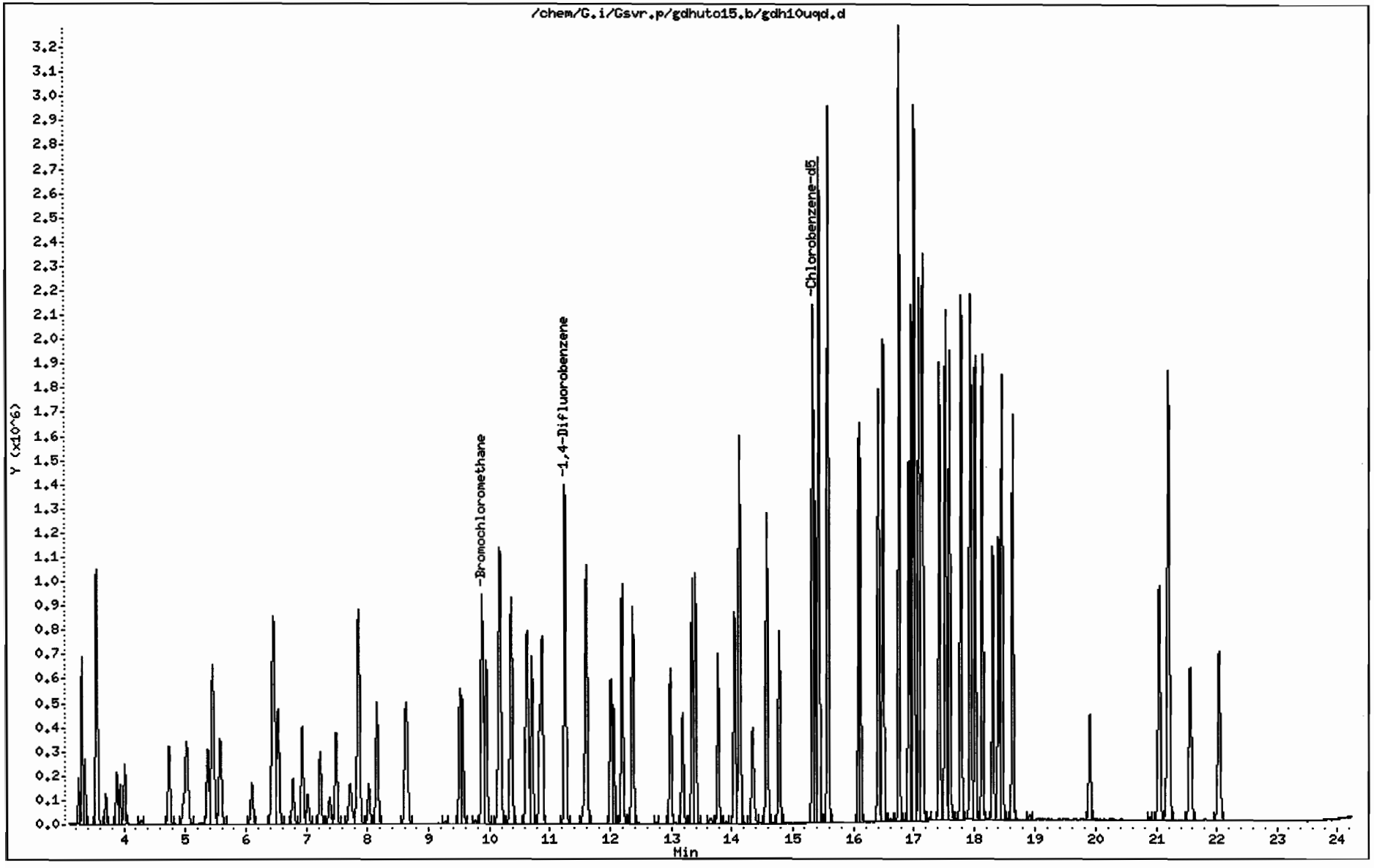
Sample Info:

Purge Volume: 200.0

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhuto15.b/gdh10uqd.d
Lab Smp Id: GA031209LCSD Client Smp ID: GA031209LCSD
Inj Date : 12-MAR-2009 10:41
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : GA031209LCSD;031209GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhuto15.b/sto15.m
Meth Date : 26-Mar-2009 12:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 3 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	3.696	3.702	(0.374)	148237	9.56515	9.6
6 Vinyl Chloride	62	3.937	3.943	(0.399)	210171	9.99716	10
9 Bromomethane	94	4.745	4.756	(0.480)	286997	10.8815	11
10 Chloroethane	64	4.980	4.986	(0.504)	120133	10.4407	10
18 1,1-Dichloroethene	96	6.527	6.543	(0.661)	271615	11.8256	12
19 Acetone	43	6.773	6.789	(0.686)	331711	11.6932	12
21 Carbon Disulfide	76	6.933	6.944	(0.702)	767847	10.7219	11
24 Methylene Chloride	49	7.495	7.511	(0.759)	283749	10.1830	10
27 trans-1,2-Dichloroethene	61	7.869	7.880	(0.797)	396643	10.6752	11
29 1,1-Dichloroethane	63	8.618	8.640	(0.873)	488544	10.6529	11
30 Methyl Ethyl Ketone	72	9.554	9.571	(0.967)	101755	11.6501	12(Q)
31 cis-1,2-Dichloroethene	96	9.506	9.523	(0.963)	293761	11.0334	11
* 32 Bromochloromethane	128	9.875	9.892	(1.000)	334754	10.0000	
34 Chloroform	83	9.945	9.961	(1.007)	653491	11.1373	11
35 1,1,1-Trichloroethane	97	10.180	10.197	(0.904)	737527	11.3166	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	10.362	10.378	(0.921)	851187	11.5459	12
39 Benzene	78	10.710	10.732	(0.952)	788139	10.6749	11
41 1,2-Dichloroethane	62	10.838	10.860	(0.963)	416572	11.2006	11
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1475503	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.030)	422440	10.9536	11
47 1,2-Dichloropropane	63	11.999	12.021	(1.066)	282684	10.7824	11
50 Bromodichloromethane	83	12.352	12.374	(1.097)	733026	11.8317	12
51 cis-1,3-Dichloropropene	75	12.978	13.000	(1.153)	476442	11.0793	11
52 Methyl Isobutyl Ketone	43	13.176	13.198	(1.171)	411710	10.1774	10
54 Toluene	92	13.390	13.412	(0.874)	582116	10.9689	11
55 trans-1,3-Dichloropropene	75	13.775	13.797	(1.224)	505909	11.2496	11
56 1,1,2-Trichloroethane	83	14.048	14.070	(0.917)	301104	10.6343	11
57 Tetrachloroethene	166	14.134	14.155	(0.922)	660490	11.0258	11
58 Methyl Butyl Ketone	43	14.348	14.369	(0.936)	399304	10.1139	10
59 Dibromochloromethane	129	14.583	14.605	(0.951)	872722	12.3767	12
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1463626	10.0000	
62 Chlorobenzene	112	15.364	15.386	(1.002)	864462	10.9518	11
63 Ethylbenzene	91	15.428	15.450	(1.007)	1336314	11.3775	11
64 Xylene (m,p)	106	15.573	15.594	(1.016)	1041958	23.1373	23
65 Xylene (o)	106	16.081	16.103	(1.049)	505228	11.5207	12
66 Styrene	104	16.108	16.129	(1.051)	791041	12.2073	12
67 Bromoform	173	16.407	16.424	(1.070)	982781	12.9112	13
69 1,1,2,2-Tetrachloroethane	83	16.910	16.932	(1.103)	798517	11.4565	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031309LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031309LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10VQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	9.2	
75-01-4	Vinyl Chloride	9.6	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	9.5	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	10	
75-09-2	Methylene Chloride	9.7	
156-60-5	trans-1,2-Dichloroethene	10	
75-34-3	1,1-Dichloroethane	10	
78-93-3	Methyl Ethyl Ketone	12	
156-59-2	cis-1,2-Dichloroethene	11	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	11	
71-43-2	Benzene	10	
107-06-2	1,2-Dichloroethane	10	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	10	
108-10-1	Methyl Isobutyl Ketone	9.4	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	11	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	11	
591-78-6	Methyl Butyl Ketone	9.7	
124-48-1	Dibromochloromethane	12	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	23	
95-47-6	Xylene (o)	11	
100-42-5	Styrene	12	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031309LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031309LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10VQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

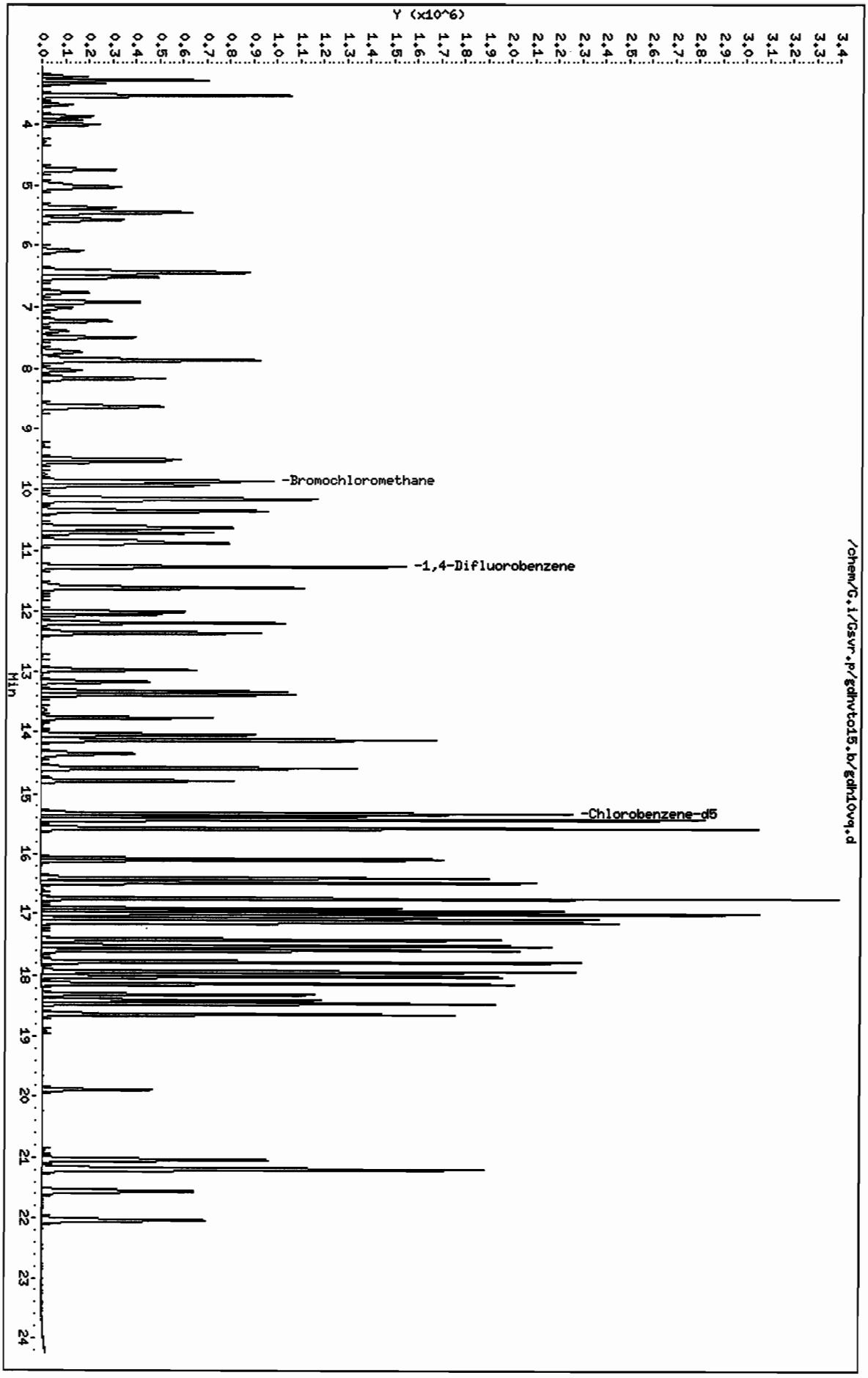
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	13	
79-34-5	1,1,2,2-Tetrachloroethane	11	

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/gdh10vq.d
Date : 13-MAR-2009 10:13
Client ID: GA031309LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



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TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/gdh10vq.d
Lab Smp Id: GA031309LCS Client Smp ID: GA031309LCS
Inj Date : 13-MAR-2009 10:13
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : GA031309LCS;031309GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	3.697	3.702	(0.374)	152152	9.15389	9.2
6 Vinyl Chloride	62	3.937	3.943	(0.399)	215657	9.56445	9.6
9 Bromomethane	94	4.740	4.756	(0.480)	284049	10.0415	10
10 Chloroethane	64	4.975	4.986	(0.504)	117059	9.48556	9.5
18 1,1-Dichloroethene	96	6.527	6.543	(0.661)	287591	11.6744	12
19 Acetone	43	6.773	6.789	(0.686)	344572	11.3252	11
21 Carbon Disulfide	76	6.933	6.944	(0.702)	806077	10.4946	10
24 Methylene Chloride	49	7.490	7.511	(0.758)	290701	9.72701	9.7
27 trans-1,2-Dichloroethene	61	7.864	7.880	(0.796)	414031	10.3897	10
29 1,1-Dichloroethane	63	8.618	8.640	(0.873)	505254	10.2723	10
30 Methyl Ethyl Ketone	72	9.549	9.571	(0.967)	109456	11.6844	12(Q)
31 cis-1,2-Dichloroethene	96	9.506	9.523	(0.963)	312193	10.9328	11
* 32 Bromochloromethane	128	9.876	9.892	(1.000)	359032	10.0000	
34 Chloroform	83	9.940	9.961	(1.006)	680376	10.8114	11
35 1,1,1-Trichloroethane	97	10.181	10.197	(0.904)	764381	10.4691	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	10.357	10.378	(0.920)	883102	10.6925	11
39 Benzene	78	10.710	10.732	(0.952)	832649	10.0667	10
41 1,2-Dichloroethane	62	10.833	10.860	(0.962)	430671	10.3362	10
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1653011	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.030)	443489	10.2645	10
47 1,2-Dichloropropane	63	11.999	12.021	(1.066)	296120	10.0820	10
50 Bromodichloromethane	83	12.352	12.374	(1.097)	768065	11.0660	11
51 cis-1,3-Dichloropropene	75	12.978	13.000	(1.153)	500076	10.3801	10
52 Methyl Isobutyl Ketone	43	13.176	13.198	(1.171)	424361	9.36367	9.4
54 Toluene	92	13.390	13.412	(0.874)	619692	10.7784	11
55 trans-1,3-Dichloropropene	75	13.776	13.797	(1.224)	530180	10.5233	11
56 1,1,2-Trichloroethane	83	14.048	14.070	(0.917)	313647	10.2249	10
57 Tetrachloroethene	166	14.134	14.155	(0.922)	699737	10.7821	11
58 Methyl Butyl Ketone	43	14.348	14.369	(0.936)	412952	9.65470	9.7
59 Dibromochloromethane	129	14.583	14.605	(0.951)	916837	12.0017	12
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1585651	10.0000	
62 Chlorobenzene	112	15.364	15.386	(1.002)	917786	10.7325	11
63 Ethylbenzene	91	15.423	15.450	(1.006)	1409959	11.0807	11
64 Xylene (m,p)	106	15.573	15.594	(1.016)	1099206	22.5301	23
65 Xylene (o)	106	16.081	16.103	(1.049)	533863	11.2368	11
66 Styrene	104	16.108	16.129	(1.051)	831606	11.8457	12
67 Bromoform	173	16.402	16.424	(1.070)	1031507	12.5085	13
69 1,1,2,2-Tetrachloroethane	83	16.910	16.932	(1.103)	833534	11.0386	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031309LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031309LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10VQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	9.1	
75-01-4	Vinyl Chloride	9.4	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	9.5	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	10	
75-09-2	Methylene Chloride	9.7	
156-60-5	trans-1,2-Dichloroethene	10	
75-34-3	1,1-Dichloroethane	10	
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	11	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	11	
56-23-5	Carbon Tetrachloride	11	
71-43-2	Benzene	10	
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	9.7	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	11	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	11	
591-78-6	Methyl Butyl Ketone	9.9	
124-48-1	Dibromochloromethane	12	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	23	
95-47-6	Xylene (o)	11	
100-42-5	Styrene	12	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031309LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031309LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10VQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/13/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	13	
79-34-5	1,1,2,2-Tetrachloroethane	11	

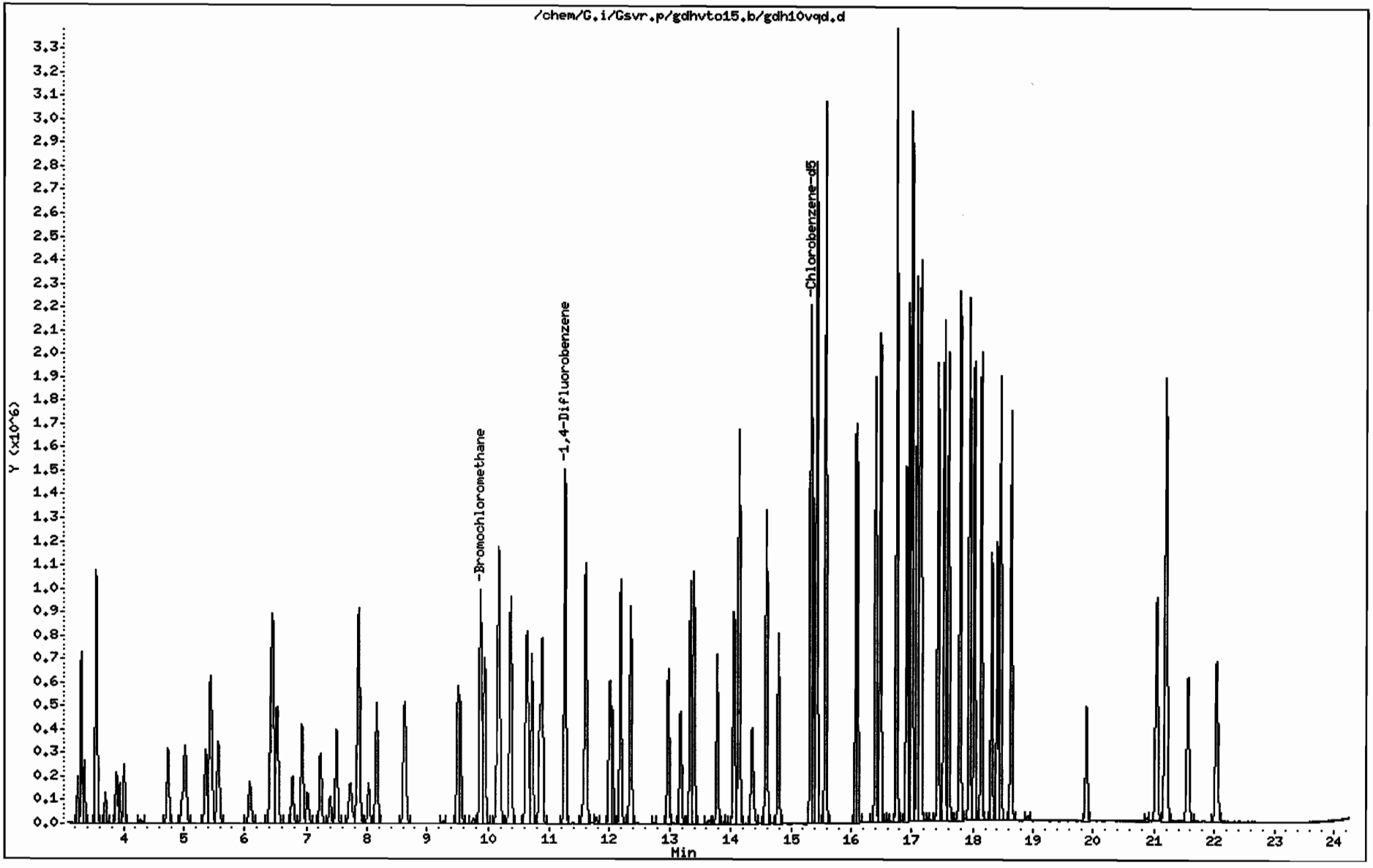
FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhvto15.b/gdh10vqd.d
Date : 13-MAR-2009 11:02
Client ID: GA031309LCSD
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Page 3

Instrument: G.i

Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhvto15.b/gdh10vqd.d
Lab Smp Id: GA031309LCSD Client Smp ID: GA031309LCSD
Inj Date : 13-MAR-2009 11:02
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : GA031309LCSD;031309GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhvto15.b/sto15.m
Meth Date : 26-Mar-2009 12:53 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 3 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	3.697	3.702	(0.374)	152550	9.13243	9.1
6 Vinyl Chloride	62	3.932	3.943	(0.398)	213559	9.42455	9.4
9 Bromomethane	94	4.740	4.756	(0.480)	283710	9.97990	10
10 Chloroethane	64	4.975	4.986	(0.504)	118100	9.52257	9.5
18 1,1-Dichloroethene	96	6.527	6.543	(0.661)	288709	11.6618	12
19 Acetone	43	6.773	6.789	(0.686)	336758	11.0136	11
21 Carbon Disulfide	76	6.928	6.944	(0.702)	806185	10.4440	10
24 Methylene Chloride	49	7.490	7.511	(0.758)	290367	9.66777	9.7
27 trans-1,2-Dichloroethene	61	7.864	7.880	(0.796)	412344	10.2962	10
29 1,1-Dichloroethane	63	8.618	8.640	(0.873)	507989	10.2768	10
30 Methyl Ethyl Ketone	72	9.555	9.571	(0.967)	106406	11.3026	11(Q)
31 cis-1,2-Dichloroethene	96	9.506	9.523	(0.963)	312743	10.8978	11
* 32 Bromochloromethane	128	9.876	9.892	(1.000)	360817	10.0000	
34 Chloroform	83	9.945	9.961	(1.007)	679010	10.7363	11
35 1,1,1-Trichloroethane	97	10.180	10.197	(0.904)	767066	10.8080	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	10.362	10.378	(0.921)	885896	11.0347	11
39 Benzene	78	10.710	10.732	(0.952)	830649	10.3313	10
41 1,2-Dichloroethane	62	10.833	10.860	(0.962)	425709	10.5109	11
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1606804	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.030)	442619	10.5390	11
47 1,2-Dichloropropane	63	11.999	12.021	(1.066)	293191	10.2694	10
50 Bromodichloromethane	83	12.352	12.374	(1.097)	756031	11.2058	11
51 cis-1,3-Dichloropropene	75	12.978	13.000	(1.153)	497330	10.6200	11
52 Methyl Isobutyl Ketone	43	13.176	13.198	(1.171)	429345	9.74607	9.7
54 Toluene	92	13.390	13.412	(0.874)	610761	10.8403	11
55 trans-1,3-Dichloropropene	75	13.775	13.797	(1.224)	523856	10.6968	11
56 1,1,2-Trichloroethane	83	14.048	14.070	(0.917)	314650	10.4673	10
57 Tetrachloroethene	166	14.134	14.155	(0.922)	698039	10.9758	11
58 Methyl Butyl Ketone	43	14.348	14.369	(0.936)	416988	9.94841	9.9
59 Dibromochloromethane	129	14.583	14.605	(0.951)	911071	12.1701	12
* 61 Chlorobenzene-d5	117	15.327	15.348	(1.000)	1553877	10.0000	
62 Chlorobenzene	112	15.364	15.386	(1.002)	919282	10.9699	11
63 Ethylbenzene	91	15.423	15.450	(1.006)	1397146	11.2046	11
64 Xylene (m,p)	106	15.573	15.594	(1.016)	1093209	22.8654	23
65 Xylene (o)	106	16.081	16.103	(1.049)	531765	11.4215	11
66 Styrene	104	16.108	16.129	(1.051)	825188	11.9947	12
67 Bromoform	173	16.402	16.424	(1.070)	1032397	12.7753	13
69 1,1,2,2-Tetrachloroethane	83	16.910	16.932	(1.103)	824928	11.1480	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031409LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031409LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10WQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/14/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	9.6	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	10	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	11	
75-09-2	Methylene Chloride	10	
156-60-5	trans-1,2-Dichloroethene	11	
75-34-3	1,1-Dichloroethane	11	
78-93-3	Methyl Ethyl Ketone	12	
156-59-2	cis-1,2-Dichloroethene	11	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	11	
56-23-5	Carbon Tetrachloride	12	
71-43-2	Benzene	11	
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	11	
75-27-4	Bromodichloromethane	12	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	11	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	11	
79-00-5	1,1,2-Trichloroethane	11	
127-18-4	Tetrachloroethene	11	
591-78-6	Methyl Butyl Ketone	11	
124-48-1	Dibromochloromethane	13	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	23	
95-47-6	Xylene (o)	12	
100-42-5	Styrene	12	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031409LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031409LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10WQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/14/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

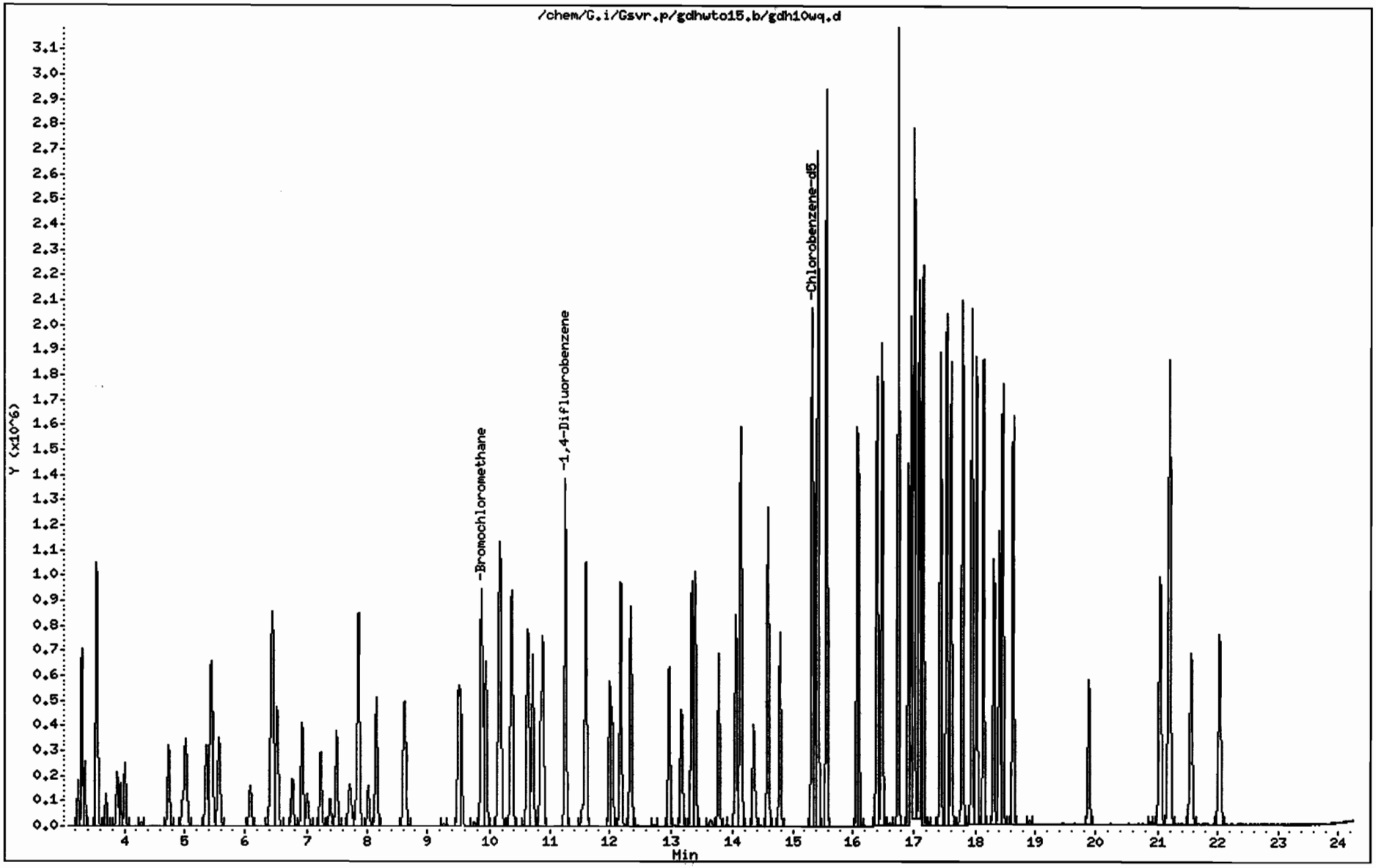
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	13	
79-34-5	1,1,2,2-Tetrachloroethane	11	

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhwto15.b/gdh10wq.d
Date : 14-MAR-2009 08:25
Client ID: GA031409LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhwto15.b/gdh10wq.d
Lab Smp Id: GA031409LCS Client Smp ID: GA031409LCS
Inj Date : 14-MAR-2009 08:25
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : GA031409LCS;031409GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhwto15.b/sto15.m
Meth Date : 26-Mar-2009 13:05 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	3.697	3.702	(0.375)	148753	9.63549	9.6
6 Vinyl Chloride	62	3.932	3.943	(0.398)	213802	10.2091	10
9 Bromomethane	94	4.740	4.756	(0.480)	287177	10.9304	11
10 Chloroethane	64	4.970	4.986	(0.503)	120095	10.4776	10
18 1,1-Dichloroethene	96	6.527	6.543	(0.661)	274041	11.9772	12
19 Acetone	43	6.767	6.789	(0.686)	324782	11.4931	11
21 Carbon Disulfide	76	6.928	6.944	(0.702)	781071	10.9486	11
24 Methylene Chloride	49	7.489	7.511	(0.759)	282157	10.1649	10
27 trans-1,2-Dichloroethene	61	7.859	7.880	(0.796)	395906	10.6965	11
29 1,1-Dichloroethane	63	8.613	8.640	(0.873)	486513	10.6495	11
30 Methyl Ethyl Ketone	72	9.544	9.571	(0.967)	100873	11.5937	12(Q)
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	293871	11.0801	11
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	333467	10.0000	
34 Chloroform	83	9.940	9.961	(1.007)	647360	11.0754	11
35 1,1,1-Trichloroethane	97	10.175	10.197	(0.904)	736965	11.4689	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	10.357	10.378	(0.921)	839910	11.5551	12
39 Benzene	78	10.705	10.732	(0.951)	779938	10.7141	11
41 1,2-Dichloroethane	62	10.833	10.860	(0.963)	411356	11.2177	11
* 43 1,4-Difluorobenzene	114	11.250	11.277	(1.000)	1454800	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.031)	423127	11.1275	11
47 1,2-Dichloropropane	63	11.999	12.021	(1.067)	275431	10.6553	11
50 Bromodichloromethane	83	12.347	12.374	(1.097)	721011	11.8034	12
51 cis-1,3-Dichloropropene	75	12.973	13.000	(1.153)	468561	11.0511	11
52 Methyl Isobutyl Ketone	43	13.165	13.198	(1.170)	421110	10.5579	11
54 Toluene	92	13.385	13.412	(0.874)	572253	11.0217	11
55 trans-1,3-Dichloropropene	75	13.770	13.797	(1.224)	497573	11.2217	11
56 1,1,2-Trichloroethane	83	14.048	14.070	(0.917)	294816	10.6427	11
57 Tetrachloroethene	166	14.128	14.155	(0.922)	654665	11.1704	11
58 Methyl Butyl Ketone	43	14.342	14.369	(0.936)	412769	10.6864	11
59 Dibromochloromethane	129	14.578	14.605	(0.951)	862356	12.5004	13
* 61 Chlorobenzene-d5	117	15.321	15.348	(1.000)	1431937	10.0000	
62 Chlorobenzene	112	15.359	15.386	(1.002)	856879	11.0960	11
63 Ethylbenzene	91	15.423	15.450	(1.007)	1313888	11.4342	11
64 Xylene (m,p)	106	15.568	15.594	(1.016)	1017997	23.1055	23
65 Xylene (o)	106	16.076	16.103	(1.049)	497549	11.5966	12
66 Styrene	104	16.102	16.129	(1.051)	776939	12.2551	12
67 Bromoform	173	16.402	16.424	(1.071)	967306	12.9892	13
69 1,1,2,2-Tetrachloroethane	83	16.910	16.932	(1.104)	774325	11.3553	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031409LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031409LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10WQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/14/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	9.3	
75-01-4	Vinyl Chloride	9.7	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	10	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	10	
75-09-2	Methylene Chloride	9.7	
156-60-5	trans-1,2-Dichloroethene	10	
75-34-3	1,1-Dichloroethane	10	
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	11	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	11	
71-43-2	Benzene	9.9	
107-06-2	1,2-Dichloroethane	10	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	10	
108-10-1	Methyl Isobutyl Ketone	9.6	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	11	
591-78-6	Methyl Butyl Ketone	9.8	
124-48-1	Dibromochloromethane	12	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	22	
95-47-6	Xylene (o)	11	
100-42-5	Styrene	12	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA031409LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA031409LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH10WQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/14/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

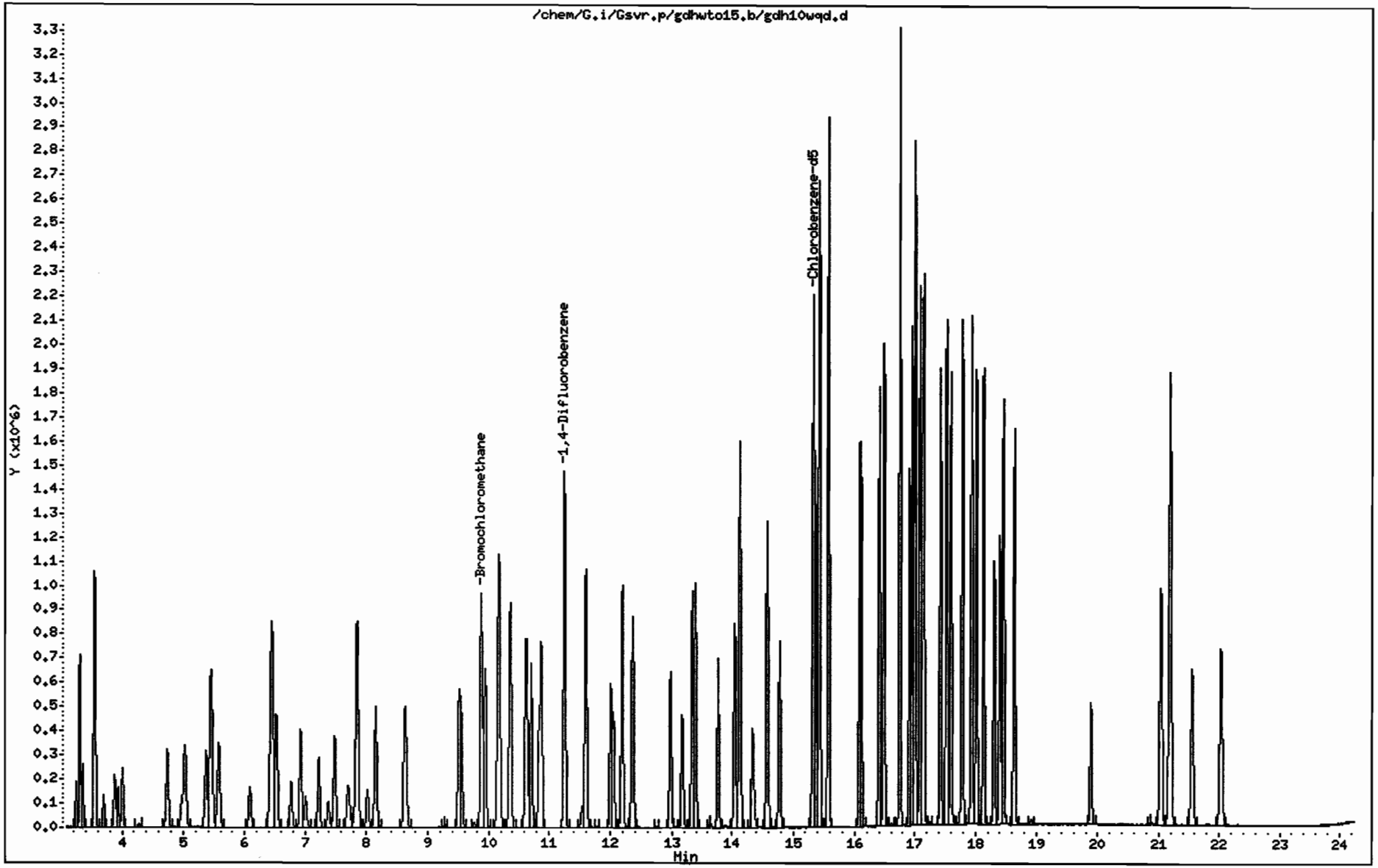
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	11	

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhwto15.b/gdh10wqd.d
Date : 14-MAR-2009 09:14
Client ID: GA031409LCSD
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i

Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhwto15.b/gdh10wqd.d
Lab Smp Id: GA031409LCSD Client Smp ID: GA031409LCSD
Inj Date : 14-MAR-2009 09:14
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : GA031409LCSD;031409GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhwto15.b/sto15.m
Meth Date : 26-Mar-2009 13:05 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 3 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	3.696	3.702	(0.374)	150333	9.30212	9.3
6 Vinyl Chloride	62	3.932	3.943	(0.398)	212094	9.67441	9.7
9 Bromomethane	94	4.740	4.756	(0.480)	286536	10.4180	10
10 Chloroethane	64	4.975	4.986	(0.504)	119836	9.98723	10
18 1,1-Dichloroethene	96	6.527	6.543	(0.661)	267682	11.1758	11
19 Acetone	43	6.767	6.789	(0.686)	327386	11.0669	11
21 Carbon Disulfide	76	6.928	6.944	(0.702)	771050	10.3245	10
24 Methylene Chloride	49	7.489	7.511	(0.759)	280535	9.65427	9.7
27 trans-1,2-Dichloroethene	61	7.864	7.880	(0.797)	393083	10.1450	10
29 1,1-Dichloroethane	63	8.613	8.640	(0.873)	486443	10.1716	10
30 Methyl Ethyl Ketone	72	9.544	9.571	(0.967)	102025	11.2014	11(Q)
31 cis-1,2-Dichloroethene	96	9.501	9.523	(0.963)	296804	10.6899	11
* 32 Bromochloromethane	128	9.870	9.892	(1.000)	349087	10.0000	
34 Chloroform	83	9.945	9.961	(1.008)	646790	10.5705	11
35 1,1,1-Trichloroethane	97	10.175	10.197	(0.904)	731046	10.4315	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	10.357	10.378	(0.920)	839898	10.5949	11
39 Benzene	78	10.710	10.732	(0.952)	787673	9.92139	9.9
41 1,2-Dichloroethane	62	10.833	10.860	(0.962)	408454	10.2132	10
* 43 1,4-Difluorobenzene	114	11.256	11.277	(1.000)	1586620	10.0000	
45 Trichloroethene	95	11.598	11.620	(1.030)	425873	10.2692	10
47 1,2-Dichloropropane	63	11.999	12.021	(1.066)	281265	9.97698	10
50 Bromodichloromethane	83	12.347	12.374	(1.097)	725709	10.8932	11
51 cis-1,3-Dichloropropene	75	12.973	13.000	(1.153)	473110	10.2313	10
52 Methyl Isobutyl Ketone	43	13.171	13.198	(1.170)	416796	9.58157	9.6
54 Toluene	92	13.390	13.412	(0.874)	581727	10.4905	10
55 trans-1,3-Dichloropropene	75	13.770	13.797	(1.223)	502025	10.3814	10
56 1,1,2-Trichloroethane	83	14.048	14.070	(0.917)	300201	10.1468	10
57 Tetrachloroethene	166	14.134	14.155	(0.922)	660594	10.5537	11
58 Methyl Butyl Ketone	43	14.342	14.369	(0.936)	404281	9.79996	9.8
59 Dibromochloromethane	129	14.578	14.605	(0.951)	864019	11.7267	12
* 61 Chlorobenzene-d5	117	15.321	15.348	(1.000)	1529347	10.0000	
62 Chlorobenzene	112	15.359	15.386	(1.002)	865294	10.4912	10
63 Ethylbenzene	91	15.423	15.450	(1.007)	1323130	10.7812	11
64 Xylene (m,p)	106	15.568	15.594	(1.016)	1033733	21.9682	22
65 Xylene (o)	106	16.076	16.103	(1.049)	500085	10.9133	11
66 Styrene	104	16.108	16.129	(1.051)	788271	11.6418	12
67 Bromoform	173	16.402	16.424	(1.071)	975272	12.2620	12
69 1,1,2,2-Tetrachloroethane	83	16.910	16.932	(1.104)	784924	10.7776	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA032309LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA032309LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH1ADQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/23/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	9.1	
75-01-4	Vinyl Chloride	9.7	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	10	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	11	
75-09-2	Methylene Chloride	10	
156-60-5	trans-1,2-Dichloroethene	10	
75-34-3	1,1-Dichloroethane	11	
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	11	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	11	
56-23-5	Carbon Tetrachloride	12	
71-43-2	Benzene	10	
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	12	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	9.9	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	11	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	11	
591-78-6	Methyl Butyl Ketone	9.8	
124-48-1	Dibromochloromethane	12	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	22	
95-47-6	Xylene (o)	11	
100-42-5	Styrene	12	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA032309LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA032309LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH1ADQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/23/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	13	
79-34-5	1,1,2,2-Tetrachloroethane	11	

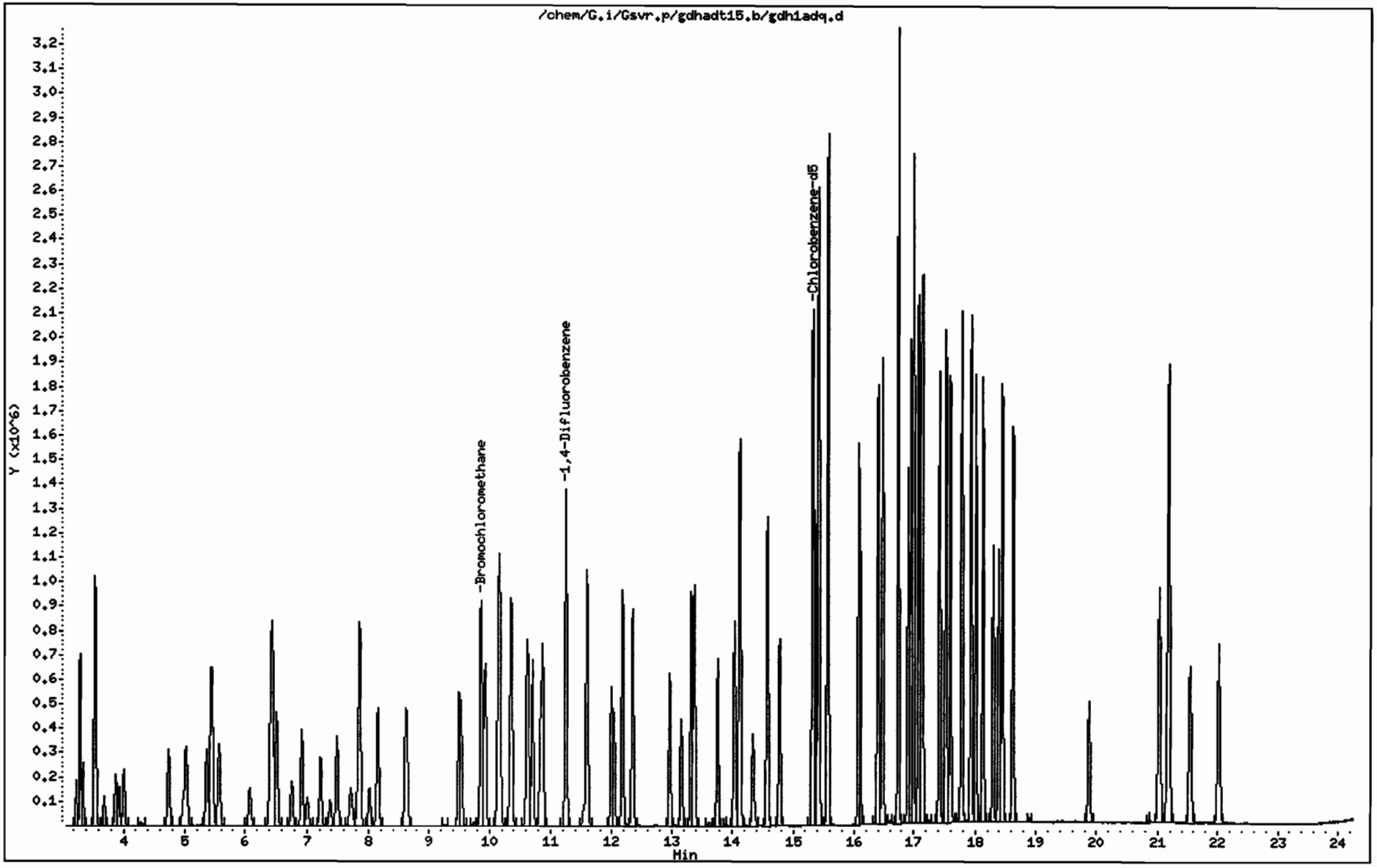
FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhadt15.b/gdh1adq.d
Date : 23-MAR-2009 10:02
Client ID: GA032309LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Page 3

Instrument: G.i

Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhadt15.b/gdh1adq.d
Lab Smp Id: GA032309LCS Client Smp ID: GA032309LCS
Inj Date : 23-MAR-2009 10:02
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : GA032309LCS;032309GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhadt15.b/sto15.m
Meth Date : 26-Mar-2009 13:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	3.691	3.702	(0.374)	138352	9.08229	9.1
6 Vinyl Chloride	62	3.932	3.943	(0.399)	200197	9.68804	9.7
9 Bromomethane	94	4.734	4.756	(0.480)	276554	10.6676	11
10 Chloroethane	64	4.970	4.986	(0.504)	113114	10.0013	10
18 1,1-Dichloroethene	96	6.516	6.543	(0.660)	264662	11.7229	12
19 Acetone	43	6.762	6.789	(0.685)	310092	11.1208	11
21 Carbon Disulfide	76	6.922	6.944	(0.702)	744147	10.5713	11
24 Methylene Chloride	49	7.484	7.511	(0.759)	273272	9.97722	10
27 trans-1,2-Dichloroethene	61	7.853	7.880	(0.796)	382688	10.4784	10
29 1,1-Dichloroethane	63	8.607	8.640	(0.873)	474098	10.5173	11
30 Methyl Ethyl Ketone	72	9.538	9.571	(0.967)	96695	11.2630	11(Q)
31 cis-1,2-Dichloroethene	96	9.496	9.523	(0.963)	284954	10.8884	11
* 32 Bromochloromethane	128	9.865	9.892	(1.000)	329042	10.0000	
34 Chloroform	83	9.934	9.961	(1.007)	640948	11.1132	11
35 1,1,1-Trichloroethane	97	10.170	10.197	(0.904)	728250	11.3306	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	10.351	10.378	(0.921)	839911	11.5524	12
39 Benzene	78	10.699	10.732	(0.951)	762639	10.4741	10
41 1,2-Dichloroethane	62	10.828	10.860	(0.963)	414146	11.2912	11
* 43 1,4-Difluorobenzene	114	11.245	11.277	(1.000)	1455133	10.0000	
45 Trichloroethene	95	11.593	11.620	(1.031)	412478	10.8450	11
47 1,2-Dichloropropane	63	11.989	12.021	(1.066)	269676	10.4303	10
50 Bromodichloromethane	83	12.342	12.374	(1.098)	719885	11.7822	12
51 cis-1,3-Dichloropropene	75	12.968	13.000	(1.153)	461387	10.8794	11
52 Methyl Isobutyl Ketone	43	13.165	13.198	(1.171)	395336	9.90946	9.9
54 Toluene	92	13.379	13.412	(0.874)	556226	10.6291	11
55 trans-1,3-Dichloropropene	75	13.765	13.797	(1.224)	494473	11.1492	11
56 1,1,2-Trichloroethane	83	14.037	14.070	(0.917)	288897	10.3473	10
57 Tetrachloroethene	166	14.123	14.155	(0.922)	646173	10.9391	11
58 Methyl Butyl Ketone	43	14.337	14.369	(0.936)	381086	9.78879	9.8
59 Dibromochloromethane	129	14.572	14.605	(0.951)	851153	12.2413	12
* 61 Chlorobenzene-d5	117	15.316	15.348	(1.000)	1443248	10.0000	
62 Chlorobenzene	112	15.353	15.386	(1.002)	838686	10.7753	11
63 Ethylbenzene	91	15.418	15.450	(1.007)	1271889	10.9819	11
64 Xylene (m,p)	106	15.562	15.594	(1.016)	987284	22.2328	22
65 Xylene (o)	106	16.070	16.103	(1.049)	483898	11.1901	11
66 Styrene	104	16.097	16.129	(1.051)	747329	11.6956	12
67 Bromoform	173	16.397	16.424	(1.071)	964153	12.8453	13
69 1,1,2,2-Tetrachloroethane	83	16.905	16.932	(1.104)	758082	11.0300	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA032309LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA032309LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH1ADQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/23/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	9.0	
75-01-4	Vinyl Chloride	9.5	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	9.8	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	9.4	
75-15-0	Carbon Disulfide	11	
75-09-2	Methylene Chloride	9.8	
156-60-5	trans-1,2-Dichloroethene	10	
75-34-3	1,1-Dichloroethane	10	
78-93-3	Methyl Ethyl Ketone	9.2	
156-59-2	cis-1,2-Dichloroethene	11	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	12	
56-23-5	Carbon Tetrachloride	13	
71-43-2	Benzene	11	
107-06-2	1,2-Dichloroethane	12	
79-01-6	Trichloroethene	12	
78-87-5	1,2-Dichloropropane	11	
75-27-4	Bromodichloromethane	12	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	10	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	11	
79-00-5	1,1,2-Trichloroethane	11	
127-18-4	Tetrachloroethene	12	
591-78-6	Methyl Butyl Ketone	11	
124-48-1	Dibromochloromethane	13	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	22	
95-47-6	Xylene (o)	11	
100-42-5	Styrene	12	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA032309LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: GA032309LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GDH1ADQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/23/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

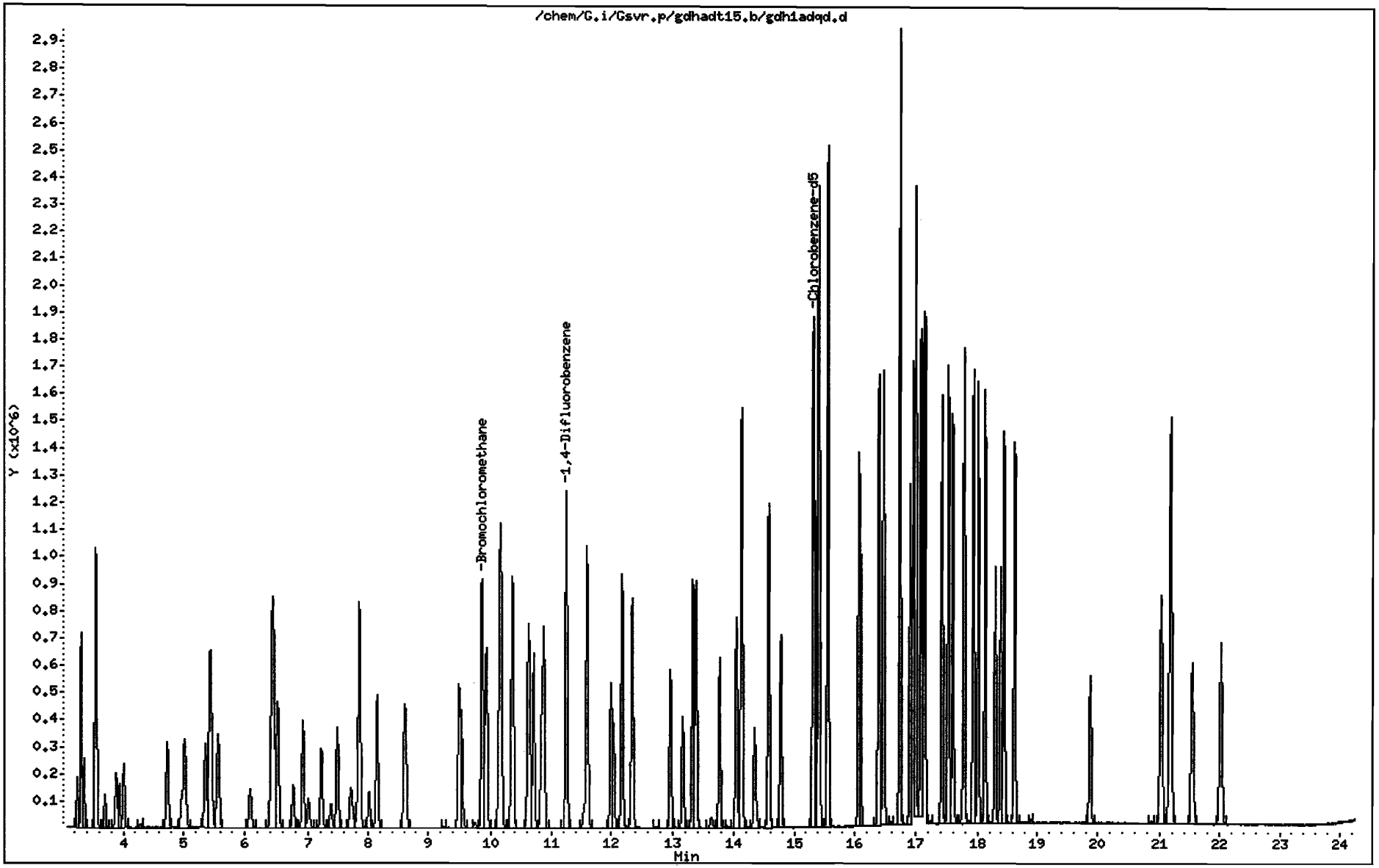
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	13	
79-34-5	1,1,2,2-Tetrachloroethane	11	

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gdhadt15.b/gdh1adqd.d
Date : 23-MAR-2009 11:42
Client ID: GA032309LCSD
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gdhadt15.b/gdh1adqd.d
Lab Smp Id: GA032309LCSD Client Smp ID: GA032309LCSD
Inj Date : 23-MAR-2009 11:42
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : GA032309LCSD;032309GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gdhadt15.b/sto15.m
Meth Date : 26-Mar-2009 13:16 klp Quant Type: ISTD
Cal Date : 17-FEB-2009 00:38 Cal File: gdh20v2.d
Als bottle: 3 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
4 Chloromethane	50	3.697	3.702	(0.375)	140577	9.02572	9.0
6 Vinyl Chloride	62	3.932	3.943	(0.399)	201401	9.53231	9.5
9 Bromomethane	94	4.734	4.756	(0.480)	280854	10.5956	11
10 Chloroethane	64	4.970	4.986	(0.504)	113373	9.80409	9.8
18 1,1-Dichloroethene	96	6.521	6.543	(0.661)	269108	11.6581	12
19 Acetone	43	6.767	6.789	(0.686)	268226	9.40819	9.4
21 Carbon Disulfide	76	6.922	6.944	(0.702)	757477	10.5244	11
24 Methylene Chloride	49	7.479	7.511	(0.758)	275469	9.83660	9.8
27 trans-1,2-Dichloroethene	61	7.853	7.880	(0.796)	386016	10.3375	10
29 1,1-Dichloroethane	63	8.608	8.640	(0.873)	466944	10.1312	10
30 Methyl Ethyl Ketone	72	9.544	9.571	(0.967)	80864	9.21216	9.2(Q)
31 cis-1,2-Dichloroethene	96	9.496	9.523	(0.963)	286220	10.6966	11
* 32 Bromochloromethane	128	9.865	9.892	(1.000)	336429	10.0000	
34 Chloroform	83	9.934	9.961	(1.007)	634954	10.7675	11
35 1,1,1-Trichloroethane	97	10.170	10.197	(0.904)	721794	12.3645	12

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	10.352	10.378	(0.921)	840589	12.7296	13
39 Benzene	78	10.699	10.732	(0.951)	731120	11.0554	11
41 1,2-Dichloroethane	62	10.822	10.860	(0.962)	394177	11.8323	12
* 43 1,4-Difluorobenzene	114	11.245	11.277	(1.000)	1321638	10.0000	
45 Trichloroethene	95	11.587	11.620	(1.030)	416348	12.0524	12
47 1,2-Dichloropropane	63	11.989	12.021	(1.066)	252878	10.7685	11
50 Bromodichloromethane	83	12.342	12.374	(1.098)	685901	12.3599	12
51 cis-1,3-Dichloropropene	75	12.968	13.000	(1.153)	430811	11.1845	11
52 Methyl Isobutyl Ketone	43	13.166	13.198	(1.171)	371678	10.2575	10
54 Toluene	92	13.380	13.412	(0.874)	510836	10.8588	11
55 trans-1,3-Dichloropropene	75	13.765	13.797	(1.224)	451486	11.2082	11
56 1,1,2-Trichloroethane	83	14.038	14.070	(0.917)	265752	10.5881	11
57 Tetrachloroethene	166	14.123	14.155	(0.922)	631630	11.8947	12
58 Methyl Butyl Ketone	43	14.337	14.369	(0.936)	368271	10.5228	11
59 Dibromochloromethane	129	14.573	14.605	(0.951)	804440	12.8698	13
* 61 Chlorobenzene-d5	117	15.316	15.348	(1.000)	1297426	10.0000	
62 Chlorobenzene	112	15.354	15.386	(1.002)	777295	11.1089	11
63 Ethylbenzene	91	15.418	15.450	(1.007)	1138681	10.9368	11
64 Xylene (m,p)	106	15.562	15.594	(1.016)	882886	22.1164	22
65 Xylene (o)	106	16.070	16.103	(1.049)	432265	11.1196	11
66 Styrene	104	16.097	16.129	(1.051)	671198	11.6848	12
67 Bromoform	173	16.397	16.424	(1.071)	888711	13.1710	13(R)
69 1,1,2,2-Tetrachloroethane	83	16.905	16.932	(1.104)	664810	10.7600	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Sample Preparation – TO-15 Volatile

TestAmerica Burlington - Manual Integration Summary
SDG: gdhto15 Fraction: Volatile

===== Instrument G - No Manual Integrations =====

cmp 02/17/09

TestAmerica Burlington - Manual Integration Summary
SDG: 130551 Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename			
	Peak RT	Compound			Manual Integration Flag		Analyst	Date-Time	Sign-Off
87831 ✓	VP-24V4N	SAMPLE		G RTX-624	12-MAR-2009 20:32	787831D			
	10.705	Benzene			MI3 - Mis-identification of peak		njr	03/13/09 07:46	NJR 03/26/09
87844 ✓	VP-35V6.5N	SAMPLE		G RTX-624	13-MAR-2009 01:21	787844D			
	10.833	1,2-Dichloroethane			MI2 - Peak missed		sv	03/23/09 11:20	MTP 3/26/09
87827 ✓	VP-21V3N	SAMPLE		G RTX-624	13-MAR-2009 14:14	787827D2			
	7.864	trans-1,2-Dichloroethene			MI1 - Poor automated baseline		klp	03/26/09 12:40	KLP 03/26/09
87840 ✓	VP-37V11.5N	SAMPLE		G RTX-624	13-MAR-2009 19:09	787840D			
	16.076	Xylene (o)			MI2 - Peak missed		njr	03/14/09 07:40	NJR 03/26/09
87843 ✓	VP-33V3N	SAMPLE		G RTX-624	14-MAR-2009 11:58	787843D2			
	10.699	Benzene			MI3 - Mis-identification of peak		sv	03/23/09 14:24	MTP 3/26/09

Summary Generated: klp 03/26/2009 13:32 Secondary Review(1): JPD | 03/26/09 Secondary Review(2): _____ | _____ Page 1

Post-Sampling Air Canister Pressure Check Record

Client ID	SDG	ETR	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
ROHHAA	130551	130551	03/11/09	1040	29.5	22	G4	NJK

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	X		
(2) Is the flow controller ID used for each canister recorded?	X		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		X	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[5]	FC Return (Y/N)	Can Cert Batch ID	Comments
787826	3645	0.0	Y	3983	Y	3397 CHQD	
787827	4079	-1.9	N	4206	↓	2965 CHQD	
787828	3570	-4.0	↓	4538	↓	3397 CHQD	
787829	2533	-4.3	↓	3062	↓	↓	
787830	4780	+0.6	Y	2530	↓	↓	
787831	4573	0.0	Y	4496	↓	2965 CHQD	
787832	3135	-1.8	N	3116	↓	↓	
787833	4556	-1.5	↓	3749	↓	3397 CHQD	
787834	2553	0.0	Y	2831	↓	2965 CHQD	
787835	4114	-1.8	N	2918	↓	3397 CHQD	
787836	2707	0.5	Y	4194	↓	↓	
787837	4297	1.1	Y	3787	↓	↓	
787838	4370	-2.1	N	4501	↓	2965 CHQD	
787839	3227	0.8	Y	2928	↓	↓	
787840	4378	0.8	Y	3126	↓	3397 CHQD	
787841	4350	-1.1	N	3467	↓	↓	
787842	3790	0.6	Y	2774	↓	↓	
787843	4086	0.9	↓	3936	↓	2965 CHQD	
787844	4351	0.0	↓	4244	↓	↓	
787845	3343	0.0	↓	3188	↓	↓	

NJK 03/11/09

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: GDH	Start Date: 02/16/09	Time: 1709	ISTD Lot #: AT0201118	Instrument ID: G
Test Method: T015	End Date: 02/17/09	Time: 1709	CAL STD Lot # See comments section	Instrument: 5973
CAL Date: 02/16/09			ICV / LCS Lot # See comments section	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial		Paul Daigle	Nicholas Rosner/NJR		
Signature		Paul D. PAD	NJR		

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1709	GDH01PV	N/A	BFB	N/A	N/A	N/A	PAD	N/A	✓	PAD	
1812	GDHB01	4633	IBLK		1	200			✓		
1901	GDH002V	3413	Cal 1		2				✓		AT01210904
1949	GDH005V	3225	Cal 2		3				✓		AT01210902
2037	GDH05V	3503	Cal 3/4		4				✓		AT01200907
2125	GDH10V	2874	Cal 4/5		5				✓		AT02030903
2213	GDH15V	2972	Cal 5/6		6				✓		AT01200905
2302	GDH 20V	N/A	N/A		7				↓		
2350	GDH40V	2691	Cal 7/8		8				✓		AT01200903
0038	GDH20V2	2703	Cal 6/7		11				✓		AT02060902
0122	GDHB02	4633	IBLK		1			✓	✓	NJR	
0210	GDH10Q	3575	ICV		9			✓	✓		AG93 AT0119090 5
0259	GDH10QD	6886	LCSD		10			✓	✓		AT0121091 2
0347	GDHB03	4633	MBLK		1			✓	✓		
0435	GDH02Q	3413	0.2 RLLCS		2			✓	✓		AG AT01210904
0523	GDH05Q	3225	0.5 RLLCS		3			✓	✓		02
0611	GDH5Q	3503	5.0 RLLCS		4			✓	✓		AT01200907
0700	783819	3232	130009	1	5	200		✓	↑✓	NJR	R R1:2.5
0748	783820	3006			6			✓	↑✓		R1:2.5
0836	783821	4016			7			✓	✓		
0924	783822	4284			8			✓	↑✓		R1:2.5
1013	784301	4125	130082	1	11	200		✓	✓	NJR	C
1101	784302	3314			12			✓	✓		C
1149	784303	3412			13			✓	✓		C
1238	784304	3572	130082	10	14?	20	NJR	✓	✓		C
1326	784819Q	3232	130009	2.5	5	80		✓	✓		C
1414	784820 D	3006			6			✓	✓		C

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID: GDHU	Start Date: 03/12/09	Time: 0731		ISTD Lot #: AT02-011-18	Instrument ID: G
Test Method: TO15	End Date: 03/13/09	Time: 0731		CAL STD Lot # AT02060904	Instrument: 5973
ICAL Date: 02/16/09				ICV / LCS Lot # AT03040902/04	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0731	GDH22DV	NA	BFB	NA	NA	NA	NJR	NA	✓	NJR	
0901	GDH10VV	3535	CCV	↓	1	200	↓	↓	✓	↓	all good
0952	GDH10VQ	2961	LCS		2		WRD	✓	✓	WRD	all good
1041	GDHNVQD	3079	LCSD		3		↓	✓	✓		a methylene
1129	GDHB01V	4632	MBLK		4			✓	✓		
1229	~~GDH787837~~	4297	130551		5	200		✓	✓		
1318	787839	3227			6			✓	✓		
1406	787945I2	2597	~~2597~~ 130557		7	200		✓	✓		
1454	787946	4558	~~4558~~		8			✓	✓		
1542	787947	2741	~~27~~		9			✓	✓		
1630	787948	3758			10			✓	✓	NJR	
1719	787949D	4283		114	11	28		✓	✓		CDF 16.0
1807	787941D	3094		256	12	31		✓	↑		3.97 R1:50
1855	787826D	3645	130551	5.02	13	51		✓	↑		CDF 1.28 R1:7.5
1944	787827D	4079		5.00	14	54		✓	↑		1.35 R1:7.5
2032	787831D	4573		5.04	15	52		✓	✓		1.31 HighTIC
2120	787832D	3135		4.96	16	54		✓	✓		1.34
2209	787833D	4556		39.6	1	29		✓	↑		5.74 R1:60
2257	787835D	4114		150	2	93		✓	✓		69.9 R1:69.9
2345	787838D	4370		10.0	3	27		✓	✓		1.35 HighTIC
0033	787842D	3790		20.1	4	44		✓	✓		4.43
0121	787844D	4351		99.4	5	34		✓	✓		16.9

NJF 03/13/09

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: GDHV	Start Date: 03/13/09	Time: 0827	ISTD Lot #: AT02-011-18	Instrument ID: G
Test Method: TO15LL	End Date: 03/14/09	Time: 0827	CAL STD Lot # AT020609-04	Instrument: 5973
ICAL Date: 02/16/09			ICV / LCS Lot # AT-030409-02/04	Column Type: RTX-624

	Manager	Analyst	Analyst WMD	Analyst	Analyst
Name/Initial		Nicholas Rosner/NJR	William Dossenbach		
Signature		NJR	[signature]		

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0827	GDH23PV	NA	BFB	NA	NA	NA	NJR	NA	✓	NJR	
0920	GDH10VV	3535	CCV		1	200		✓	✓	NJR	AG
1013	GDH10VQ	2961	LCS		2			✓	✓	WMD	" "
1102	GDH10VQD	3079	LCSD		3			✓	✓		α methyl Styrene +
1150	GDHB01V	4632	MBLK		4			✓	✓		
1238	78794D2	3094	130567	52.9	5	15		✓	✓	NJR	CDF 3.97 C
1326	78782D2	3645	130551	7.26	6	33		✓	✓		1.28 C
1414	78782D2	4079		7.71	7	35		✓	✓		1.35 C
1503	78783D2	4556		57.4	8	20	WMD	✓	✓		5.74 C
1554	78829D	2533		305	9	50		✓	✓		76.3 C
1643	78830D	4780		2300	10	20		✓	✓		230 High TIC C
1732	78834D	2553		4470 KLP 03/26/09	11	40		✓	✓		88.3 KLP C
1820	78836D	2707		321 03/26/09	12	40		✓	✓		64.21 03/26/09 C
1909	78840D	4378		1270	13	40		✓	✓		253 C
1957	78841D	4350		2810	14	20		✓	↓		281 R1:1400
2045	78843D	4085		1120	15	40		✓	↓		234 R1:550
2133	78845D	3343		1820 KLP 03/26/09	16	31		✓	✓		251.2 KLP C
2222	78828D	3570		30,000	1	27		✓	✓		4160 03/26/09 C
2310	788153	3549	130593	1	2	200		✓	✓		C
~~0000~~ 2358	788154	3292			3			✓	✓		C
~~0045~~ 0045	788155	3554			4			✓	✓		C
0135	788156	2749			5			✓	✓		C
0223	788163	2712			6			✓	✓		C
0312	788164	3289			7			✓	✓		C

NJR 03/14/09

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID:	GDHW	Start Date: 03/14/09	Time: 0640	ISTD Lot #: AT02-011-18	Instrument ID: G
Test Method:	T015	End Date: 03/15/09	Time: 0640	CAL STD Lot # AT02060904	Instrument: 5973
ICAL Date:	02/16/09			ICV / LCS Lot # AT03040902 / AT03040904	Column Type: RTX-624

	Manager	Analyst	Analyst WND	Analyst	Analyst
Name/Initial		Nicholas Rosner/NJR	William Dostanden		
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0640	GDH24PV	NA	bFB	NA	NA	NA	NJR	NA	✓	NJR	
0730	GDH10WV	3535	CCV	↓	1	200	↓	↓	✓	↓	AG74
0828	GDH10WQ	2961	LCS		2			✓	✓		
0914	GDH10WQD	3079	LCSD		3			✓	✓		
1002	GDH80W	4632	MBLK					✓	✓		
1110	78784 1d2	4350	130551	1410	14	40		✓	✓	WND	CDF281 – HyLTIC, C
1158	78784 3d2	~~3770~~ 4086		585	15	80		✓	✓		234 – HyLTIC, C
1246	788282	3208	130608	1	1	200		✓	✓		C
1335	788283	4450		1	2			✓	✓		C
1423	788284	2532		1	3			✓	✓		C
1511	788285	3762		1	4			✓	✓		C
1600	788286	3036		1	5			✓	✓		C
1649	788287	3515		1	6			✓	✓		C
1737	788288	4478		1	7			✓	✓		C
1826	788289	4125		1	8			✓	✓		C
1915	788290	2512		1	9			✓	✓		C
2003	788291	4460		1	10			✓	✓		C
2052	788292	4454		1	11			✓	✓		C
2140	788293	4238		1	12			✓	✓		C
2228	788294	2858		1	13			✓	✓		C
2317	788295	4312		1	14			✓	✓		C
0005	788296	4460		1	15			✓	✓		C
0053	788297	3236		1	16			✓	✓		C
0142	788298	3386		1	1			✓	✓		C
0230	788299	3314		1	2			✓	✓		C
0320	2518				3			✓	✓		
0409	4852				4			✓	✓		

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: GDHAD	Start Date: 3/23/09	Time: 0823	ISTD Lot #: AJ-02-011-18	Instrument ID: G
Test Method: TO15	End Date: 3/24/09	Time: 0823	CAL STD Lot # AT-02 0609-04	Instrument: 5973
ICAL Date: 2/16/09			ICV / LCS Lot # AT-021909-07/08	Column Type: RTX-624

	Manager	Analyst WND	Analyst	Analyst	Analyst
Name/Initial		William DeStefano			
Signature		[signature]			

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0823	GDH31PV	N/A	BFB	NA			WRD	N/A	✓	WRD	
0914	GDH1ADV	3535	CCV		1	200		✓	✓		all Cert
1002	GDH1ADQ	6732	LCS		2			✓	✓		" "
1142	GDH1ADQD	3344	LCSD		3			✓	✓		Bromoform
1230	GDHB01AD	4632	MBLK		4			✓	✓		
1319	789246	3811	130236	10	5	20		✓	✓		C
1409	4927	N/A	N/A	0.2	6	1000		✓	↑		leak?
1457	3848			1.0	7	200		✓	✓		1l
1547	2738			0.2	8	1000		✓	✓	PAD	
1637	2669				9			✓	↑ ✓		~~Ace 3.3, MEK~~
1727	3293				10			✓	✓		
1906	4151				11			✓	✓		
1954	789240	4849	130232	10	12	20		✓	✓		C
2042	789241	3577			13			✓	✓		C
2131	789242	4160			14			✓	✓		C
2219	789443	3585	130265	10	15	20		✓	✓	NJR	C
2307	789444	3598			16			✓	✓		C
2355	789445	4482			1			✓	✓		C
0043	789285	2562	130746		2	200		✓	✓		C
0131	789286	3031			3			✓	✓		C
0220	789287	2952			4			✓	✓		C
0307	789288	4015			5			✓	✓		C
0355	789295	4017			6			✓	✓		C
0443	789296	3317			7			✓	✓		C
0531	789839D	3227	130551	2.5	8	100		✓	✓		CDF 1.25 ~~1:10~~ 1:40
1816	4916	N/A	N/A	0.4	9	500	PAD	✓	↑		Ace 3.3, MEK
0622	3164			0.2	10	1000		✓	✓		

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

SUMMA Canister Dilution Spreadsheet

Page: 1 of 1
Client: ROHHAA
Analyst: JH2
ETR: 130551
Date: 03/12/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
787826	-1.8	=	0.94	5.64	3	=	1.20	7.22	1.28
787827	-3.3	=	0.89	5.34	3	=	1.20	7.22	1.35
787828	-5.2	=	0.83	4.96	3.2	=	1.22	7.31	1.47
787829	-5.6	=	0.81	4.88	3.1	=	1.21	7.27	1.49
787830	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
787831	-2.4	=	0.92	5.52	3	=	1.20	7.22	1.31
787832	-3.1	=	0.90	5.38	3	=	1.20	7.22	1.34
787833	-2.8	=	0.91	5.44	3.1	=	1.21	7.27	1.34
787834	0	=	1.00	6.00	3	=	1.20	7.22	1.20
787835	-3.3	=	0.89	5.34	3	=	1.20	7.22	1.35
787836	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
787837	0	=	1.00	6.00	3	=	1.20	7.22	1.20
787838	-3.3	=	0.89	5.34	3	=	1.20	7.22	1.35
787839	-1.1	=	0.96	5.78	3	=	1.20	7.22	1.25
787840	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
787841	-2.6	=	0.91	5.48	3	=	1.20	7.22	1.32
787842	0	=	1.00	6.00	2.9	=	1.20	7.18	1.20
787843	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
787844	0	=	1.00	6.00	3	=	1.20	7.22	1.20
787845	-2.2	=	0.93	5.56	3	=	1.20	7.22	1.30
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00

CALCULATION:

$$\frac{\text{Preadjusted Pressure("Hg)} + 29.92\text{"Hg}}{29.92\text{"Hg}} + 6\,\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure(psig)} + 14.7\,\text{psig}}{14.7\,\text{psig}} + 6\,\text{L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{DilutionFactor}$$

Where:
29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg).
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig).
6 L = Volume of SUMMA canister at atmospheric pressure.

BR-FAI035A:09.12.06:0
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SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 130551

Page: 1 of 1
Analyst: WRD
Date: 03/13/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor	
787828e	0	=	1.00	6.00	39.4	=	3.68	22.08	3.68	
787828f	0	=	1.00	6.00	40.3	=	3.74	22.45	3.74	
787828g	0	=	1.00	6.00	40	=	3.72	22.33	3.72	4160
		=	1.00	6.00		=	1.00	6.00	1.00	
787829d	0	=	1.00	6.00	40.3	=	3.74	22.45	3.74	263
		=	1.00	6.00		=	1.00	6.00	1.00	
787830e	0	=	1.00	6.00	39.9	=	3.71	22.29	3.71	230
		=	1.00	6.00		=	1.00	6.00	1.00	
787834e	0	=	1.00	6.00	40.5	=	3.76	22.53	3.76	
787834f	0	=	1.00	6.00	40.1	=	3.73	22.37	3.73	~~882~~ 883
		=	1.00	6.00		=	1.00	6.00	1.00	
787836d	0	=	1.00	6.00	40.1	=	3.73	22.37	3.73	64.2 KLP 03/26/09
		=	1.00	6.00		=	1.00	6.00	1.00	
787840e	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71	253
		=	1.00	6.00		=	1.00	6.00	1.00	
787841e	0	=	1.00	6.00	41	=	3.79	22.73	3.79	281
		=	1.00	6.00		=	1.00	6.00	1.00	
787843e	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71	234
		=	1.00	6.00		=	1.00	6.00	1.00	
787845e	0	=	1.00	6.00	40.7	=	3.77	22.61	3.77	251/2 KLP 03/26/09
		=	1.00	6.00		=	1.00	6.00	1.00	
		=	1.00	6.00		=	1.00	6.00	1.00	

CALCULATION:

$$\frac{\text{Preadjusted Pressure("Hg)} + 29.92\text{"Hg}}{29.92\text{"Hg}} + 6\,\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure(psig)} + 14.7\,\text{psig}}{14.7\,\text{psig}} + 6\,\text{L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{DilutionFactor}$$

Where:
29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg).
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig).
6 L = Volume of SUMMA canister at atmospheric pressure.

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SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 130551

Page: 1 of 43
Analyst: WRD
Date: 03/12/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor	
787828b	0	=	1.00	6.00	44.4	=	4.02	24.12	4.02	
787828c	0	=	1.00	6.00	39.3	=	3.67	22.04	3.67	
787828d	0	=	1.00	6.00	40.4	=	3.75	22.49	3.75	81.3
		=	1.00	6.00		=	1.00	6.00	1.00	
787829b	0	=	1.00	6.00	39.7	=	3.70	22.20	3.70	
787829c	0	=	1.00	6.00	39.7	=	3.70	22.20	3.70	20.4
		=	1.00	6.00		=	1.00	6.00	1.00	
787830b	0	=	1.00	6.00	39.5	=	3.69	22.12	3.69	
787830c	0	=	1.00	6.00	40.4	=	3.75	22.49	3.75	
787830d	0	=	1.00	6.00	39.9	=	3.71	22.29	3.71	62.1
		=	1.00	6.00		=	1.00	6.00	1.00	
787833b	0	=	1.00	6.00	48.2	=	4.28	25.67	4.28	5.74
		=	1.00	6.00		=	1.00	6.00	1.00	
787834b	0	=	1.00	6.00	40.1	=	3.73	22.37	3.73	
787834c	0	=	1.00	6.00	40.4	=	3.75	22.49	3.75	
787834d	0	=	1.00	6.00	40.4	=	3.75	22.49	3.75	62.9
		=	1.00	6.00		=	1.00	6.00	1.00	
787835b	0	=	1.00	6.00	40.3	=	3.74	22.45	3.74	
787835c	0	=	1.00	6.00	40.2	=	3.73	22.41	3.73	
787835d	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71	69.9
		=	1.00	6.00		=	1.00	6.00	1.00	
		=	1.00	6.00		=	1.00	6.00	1.00	

CALCULATION:

$$\frac{\text{Preadjusted Pressure("Hg)} + 29.92\text{"Hg}}{29.92\text{"Hg}} + 6\text{ L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure(psig)} + 14.7\text{ psig}}{14.7\text{ psig}} + 6\text{ L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{Dilution Factor}$$

Where:
29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg).
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig).
6 L = Volume of SUMMA canister at atmospheric pressure.

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SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 130551

Page: 2 of 3
Analyst: WRD
Date: 03/12/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor	
787836b	0	=	1.00	6.00	40	=	3.72	22.33	3.72	
787836c	0	=	1.00	6.00	41.4	=	3.82	22.90	3.82	17.2
		=	1.00	6.00		=	1.00	6.00	1.00	
787840b	0	=	1.00	6.00	45	=	4.06	24.37	4.06	
787840c	0	=	1.00	6.00	40.2	=	3.73	22.41	3.73	
787840d	0	=	1.00	6.00	40	=	3.72	22.33	3.72	68.2
		=	1.00	6.00		=	1.00	6.00	1.00	
787841b	0	=	1.00	6.00	44.3	=	4.01	24.08	4.01	
787841c	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71	
787841d	0	=	1.00	6.00	40.8	=	3.78	22.65	3.78	74.2
		=	1.00	6.00		=	1.00	6.00	1.00	
787842b	0	=	1.00	6.00	39.6	=	3.69	22.16	3.69	4.43
		=	1.00	6.00		=	1.00	6.00	1.00	
787843b	0	=	1.00	6.00	40.5	=	3.76	22.53	3.76	
787843c	0	=	1.00	6.00	40	=	3.72	22.33	3.72	
787843d	0	=	1.00	6.00	40.2	=	3.73	22.41	3.73	63.1
		=	1.00	6.00		=	1.00	6.00	1.00	
787844b	0	=	1.00	6.00	40.2	=	3.73	22.41	3.73	
787844c	0	=	1.00	6.00	40.7	=	3.77	22.61	3.77	16.9
		=	1.00	6.00		=	1.00	6.00	1.00	
		=	1.00	6.00		=	1.00	6.00	1.00	
		=	1.00	6.00		=	1.00	6.00	1.00	

CALCULATION:

$$\frac{\text{Preadjusted Pressure}(\text{"Hg}) + 29.92\text{"Hg}}{29.92\text{"Hg}} + 6\,\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure(psig)} + 14.7\,\text{psig}}{14.7\,\text{psig}} + 6\,\text{L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{DilutionFactor}$$

Where:
29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg).
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig).
6 L = Volume of SUMMA canister at atmospheric pressure.

BR-FAI035A:09.12.06:0
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SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 130551

Page: 3 of 3
Analyst: WRD
Date: 03/12/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
787845b	0	=	1.00	6.00	39.6	=	3.69	22.16	3.69
787845c	0	=	1.00	6.00	40.5	=	3.76	22.53	3.76
787845d	0	=	1.00	6.00	39.7	=	3.70	22.20	3.70
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00

66.7

CALCULATION:

$$\frac{\text{Preadjusted Pressure}(\text{"Hg}) + 29.92\text{"Hg}}{29.92\text{"Hg}} + 6\,\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure(psig)} + 14.7\,\text{psig}}{14.7\,\text{psig}} + 6\,\text{L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{Dilution Factor}$$

Where:
29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg).
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig).
6 L = Volume of SUMMA canister at atmospheric pressure.

BR-FAI035A:09.12.06:0
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Date / Time Printed: 3/12/2009 2:21 PM

QC Summary – ASTM D1946

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix Spike - Sample No.: C031209ALCS

COMPOUND	SPIKE ADDED (%.v/v)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (%.v/v)	LCS % REC #	QC. LIMITS REC.
Helium	8.3		6.8	82	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 1 outside limits

COMMENTS:

FORM III VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLKC031209A

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Lab File ID: 12MA090931-R031 Lab Sample ID: MBLKC031209A

Date Analyzed: 03/12/09 Time Analyzed: 0942

GC Column: CTR-1 ID: 6.35 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	C031209ALCS	C031209ALCS	12MA090931-R	0938
02	90226VP-20V1	787826	12MA091008-R	1009
03	90227VP-21V3	787827	12MA091008-R	1014
04	90227VP-23V3	787828	12MA091008-R	1018
05	90227VP-22V3	787829	12MA091008-R	1022
06	90304VP-25V6	787830	12MA091008-R	1027
07	90304VP-24V4	787831	12MA091008-R	1032
08	90304VP-26V5	787832	12MA091008-R	1036
09	90304VP-30V5	787833	12MA091008-R	1040
10	90304VP-27V5	787834	12MA091008-R	1045
11	90304VP-28V3	787835	12MA091008-R	1050
12	90304VP-29V1	787836	12MA091008-R	1053
13	90305VP-32V2	787838	12MA091008-R	1058
14	90305VP-37V1	787840	12MA091008-R	1102
15	90305VP-38V1	787841	12MA091008-R	1107
16	90305VP-39V9	787842	12MA091008-R	1112
17	90306VP-33V3	787843	12MA091008-R	1117
18	90306VP-35V6	787844	12MA091008-R	1121
19	90306VP-36V7	787845	12MA091008-R	1125
20	90305VP-31V4	787837	12MA091414-R	1416
21	90305VP-34V2	787839	12MA091414-R	1421
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

page 1 of 1

FORM IV VOA

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

GC Column: CTR-1 ID: 6.35 (mm) Init. Calib. Date(s): 02/21/09 02/21/09

Instrument ID: 2866_2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION					
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	RT #	RT #
01	CAL1	CAL1	02/21/09	1059		
02	CAL2	CAL2	02/21/09	1103		
03	CAL3	CAL3	02/21/09	1107		
04	CAL4	CAL4	02/21/09	1111		
05	CAL5	CAL5	02/21/09	1117		
06	CCV	CCV	03/12/09	0934		
07	C031209ALCS	C031209ALCS	03/12/09	0938		
08	MBLKC031209A	MBLKC031209A	03/12/09	0942		
09	90226VP-20V1	787826	03/12/09	1009		
10	90227VP-21V3	787827	03/12/09	1014		
11	90227VP-23V3	787828	03/12/09	1018		
12	90227VP-22V3	787829	03/12/09	1022		
13	90304VP-25V6	787830	03/12/09	1027		
14	90304VP-24V4	787831	03/12/09	1032		
15	90304VP-26V5	787832	03/12/09	1036		
16	90304VP-30V5	787833	03/12/09	1040		
17	90304VP-27V5	787834	03/12/09	1045		
18	90304VP-28V3	787835	03/12/09	1050		
19	90304VP-29V1	787836	03/12/09	1053		
20	90305VP-32V2	787838	03/12/09	1058		
21	90305VP-37V1	787840	03/12/09	1102		
22	90305VP-38V1	787841	03/12/09	1107		
23	90305VP-39V9	787842	03/12/09	1112		
24	90306VP-33V3	787843	03/12/09	1117		
25	90306VP-35V6	787844	03/12/09	1121		
26	90306VP-36V7	787845	03/12/09	1125		
27	90305VP-31V4	787837	03/12/09	1416		
28	90305VP-34V2	787839	03/12/09	1421		
29	CCV	CCV	03/12/09	1456		
30						
31						
32						

QC LIMITS

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

page 1 of 1

FORM VIII VOA

Supportive Documentation – ASTM D1946

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Instrument ID: 2866_2 Calibration Date(s): 02/21/09 02/21/09

Heated Purge: (Y/N) N Calibration Time(s): 1059 1117

GC Column: CTR-1 ID: 6.35 (mm)

LAB FILE ID: RRF1.7=21FEB091056-R0 RRF5 =21FEB091056-R0
RRF8.3=21FEB091056-R0 RRF12.5=21FEB091056-R RRF16.7=21FEB091056-R

COMPOUND	RRF1.7	RRF5	RRF8.3	RRF 12.5	RRF 16.7	$\overline{RRF}$	% RSD
Helium	*15705	16067	16798	16896	16936	16480	3.4*

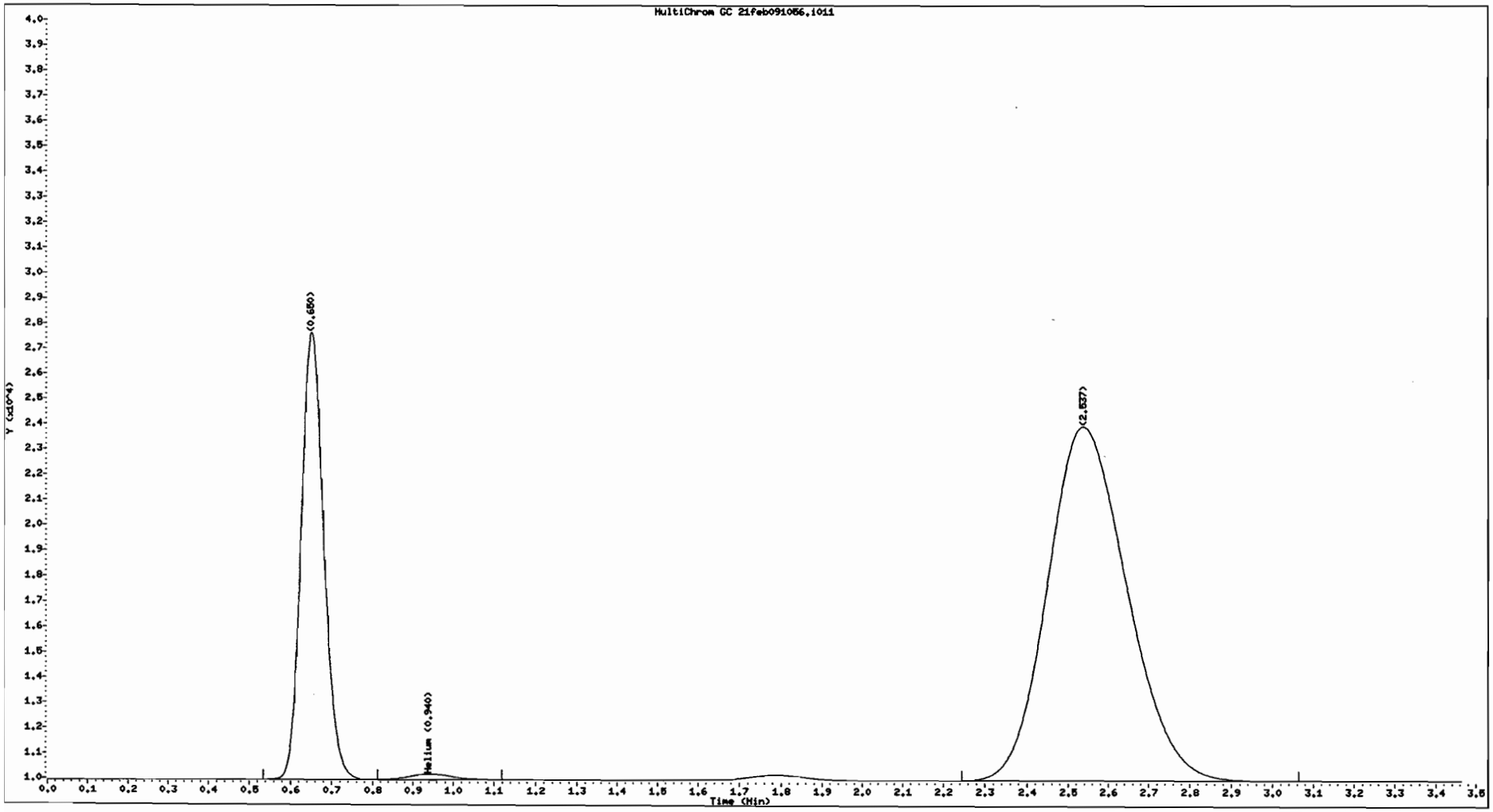
* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM VI VOA 3/90

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL1	Client Sample ID: CAL1

Matrix	: AIR	Sample Type	: CALIB_1
Analyst	: JH2	Injection Date	: 21-FEB-2009 10:59
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091056-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/21FEB091056.b/ASTM_He.m		
Reported	: 21-Feb-2009 12:16 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL1	Client Sample ID: CAL1

Matrix	: AIR	Sample Type	: CALIB_1
Analyst	: JH2	Injection Date	: 21-FEB-2009 10:59
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091056-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/21FEB091056.b/ASTM_He.m		
Reported	: 21-Feb-2009 12:16 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.650			1026992	17680		M	
2	0.940	0.940	0.000	26698	233	1.61999744	aM	Helium
3	2.537			2879278	13959			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

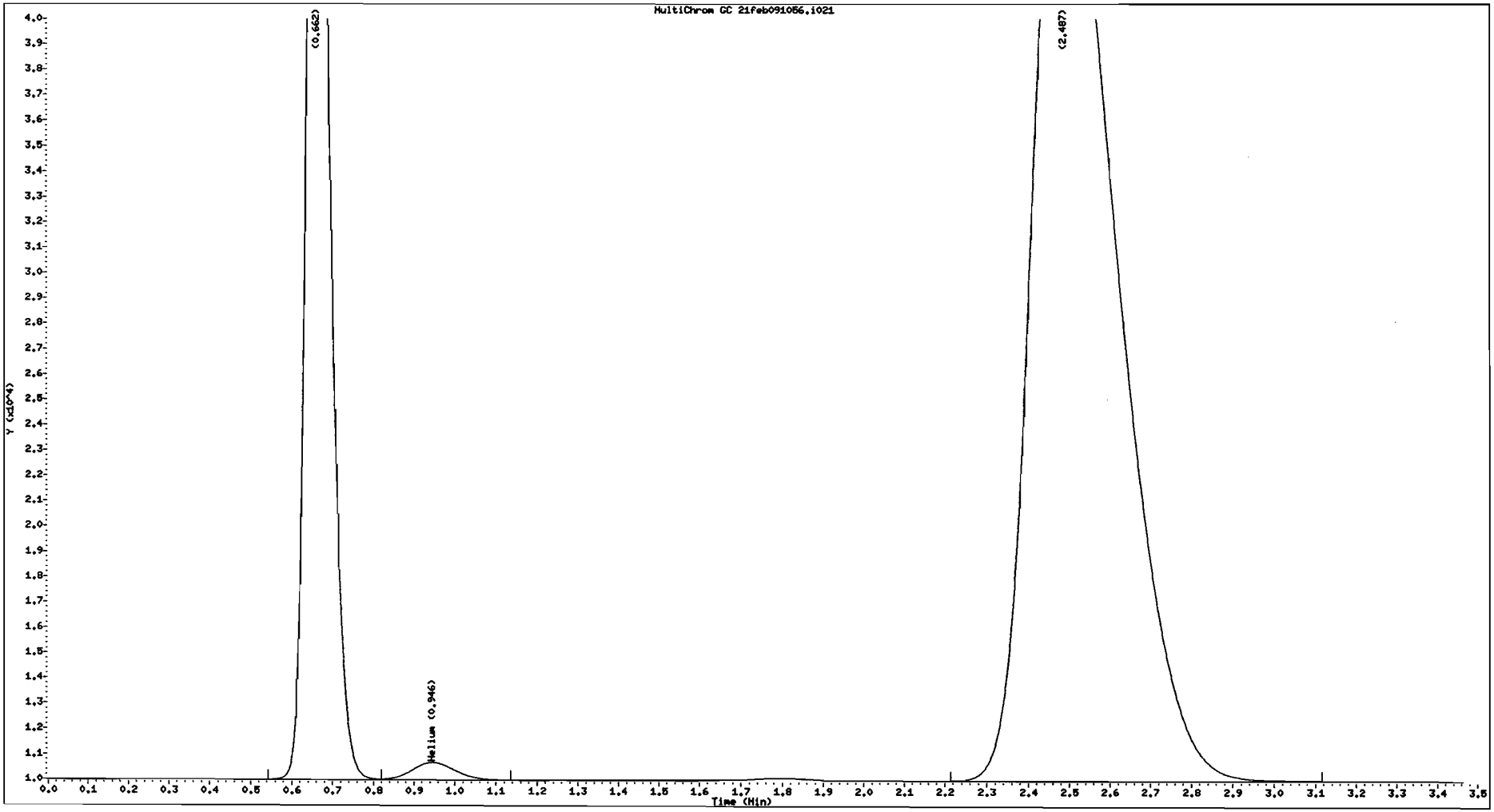
Peak RT	Expected RT	Target Compound
0.940	0.940	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL2	Client Sample ID: CAL2

Matrix	: AIR	Sample Type	: CALIB_2
Analyst	: JH2	Injection Date	: 21-FEB-2009 11:03
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091056-r021.d
Integrator	: HP Genie	Compound Sublist	: all

Method : /var/chem/2866_2.i/022109_1/21FEB091056.b/ASTM_He.m
Reported : 21-Feb-2009 12:16 jh2



Lab Sample ID: CAL2	Client Sample ID: CAL2

Matrix	: AIR	Sample Type	: CALIB_2
Analyst	: JH2	Injection Date	: 21-FEB-2009 11:03
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091056-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/21FEB091056.b/ASTM_He.m		
Reported	: 21-Feb-2009 12:16 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.662			2883447	49375		M	
2	0.946	0.940	0.005	80336	710	4.87467653	M	Helium
3	2.487			8507149	40135			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

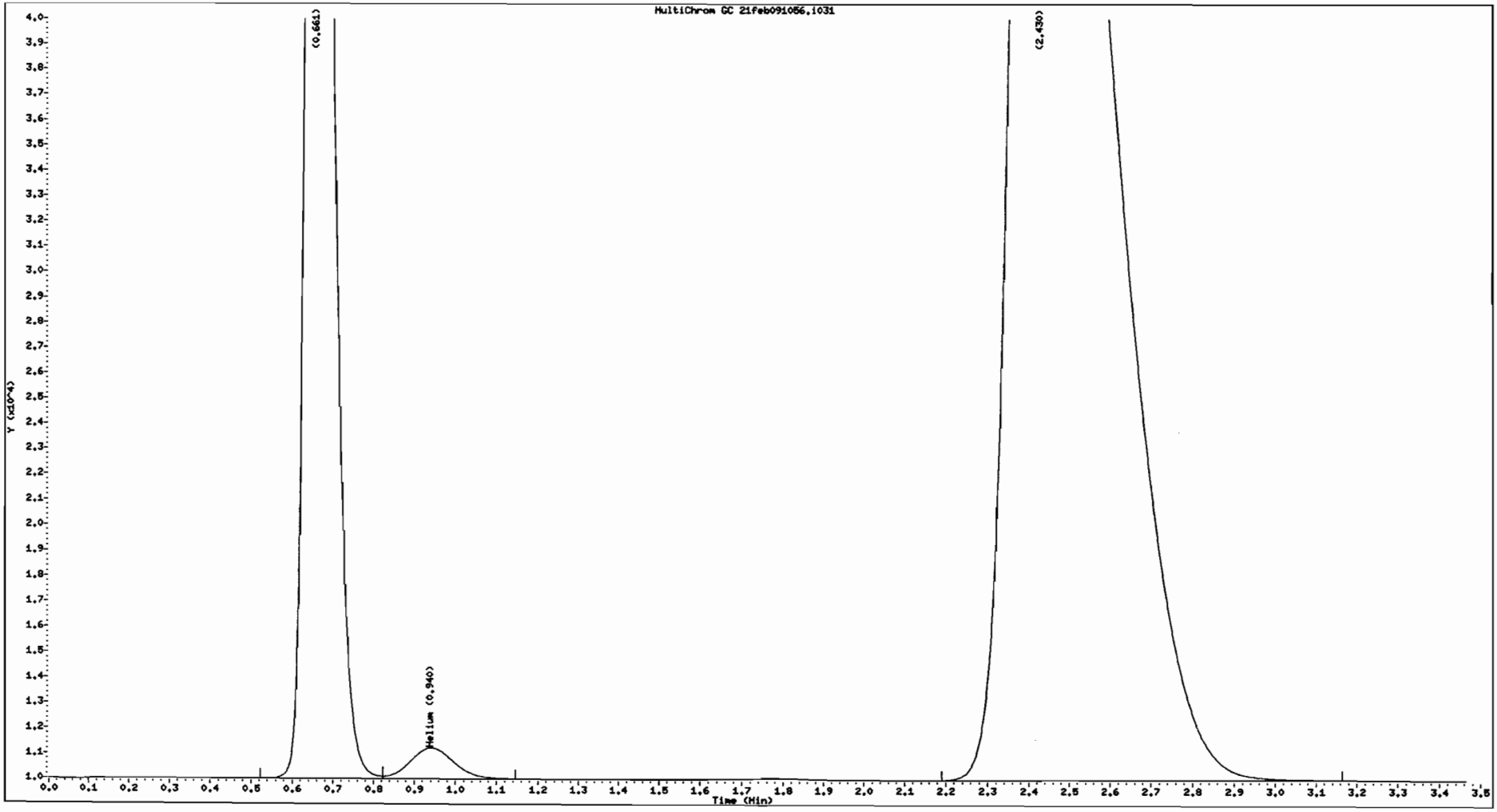
Target Compounds

Peak RT	Expected RT	Target Compound
0.946	0.940	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL3	Client Sample ID: CAL3

Matrix	: AIR	Sample Type	: CALIB_3
Analyst	: JH2	Injection Date	: 21-FEB-2009 11:07
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091056-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/21FEB091056.b/ASTM_He.m		
Reported	: 21-Feb-2009 12:17 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL3	Client Sample ID: CAL3

Matrix	: AIR	Sample Type	: CALIB_3
Analyst	: JH2	Injection Date	: 21-FEB-2009 11:07
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091056-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/21FEB091056.b/ASTM_He.m		
Reported	: 21-Feb-2009 12:17 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.661			4767697	80948		M	
2	0.940	0.940	0.000	139422	1231	8.45993267	M	Helium
3	2.430			14657988	65551			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

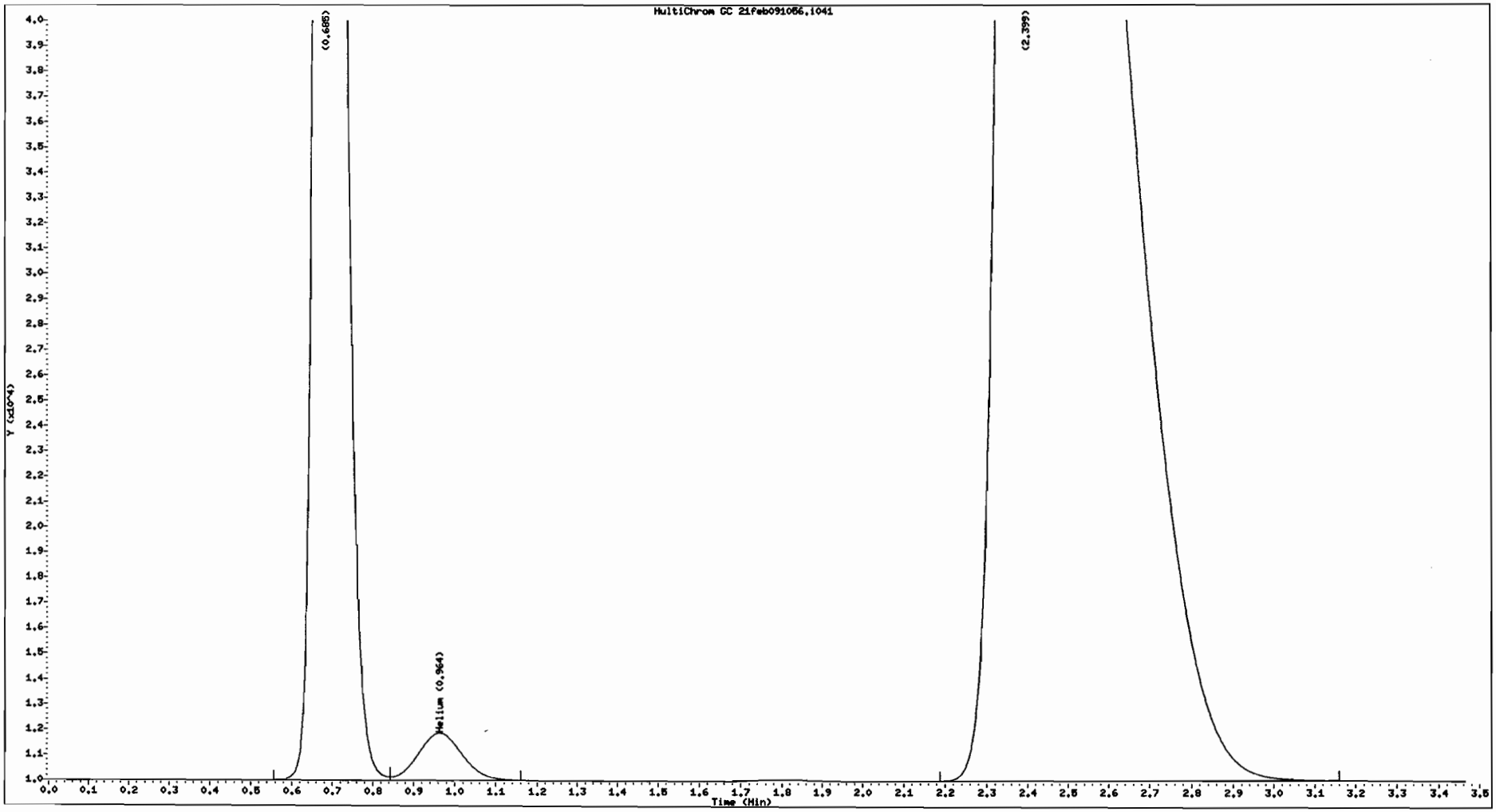
Target Compounds

Peak RT	Expected RT	Target Compound
0.940	0.940	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL4	Client Sample ID: CAL4

Matrix	: AIR	Sample Type	: CALIB_4
Analyst	: JH2	Injection Date	: 21-FEB-2009 11:11
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091056-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/21FEB091056.b/ASTM_He.m		
Reported	: 21-Feb-2009 12:17 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL4	Client Sample ID: CAL4

Matrix	: AIR	Sample Type	: CALIB_4
Analyst	: JH2	Injection Date	: 21-FEB-2009 11:11
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091056-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/21FEB091056.b/ASTM_He.m		
Reported	: 21-Feb-2009 12:17 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.685			6939121	114186			
2	0.964	0.940	0.024	211195	1852	12.8149576		Helium
3	2.399			22046968	91990			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

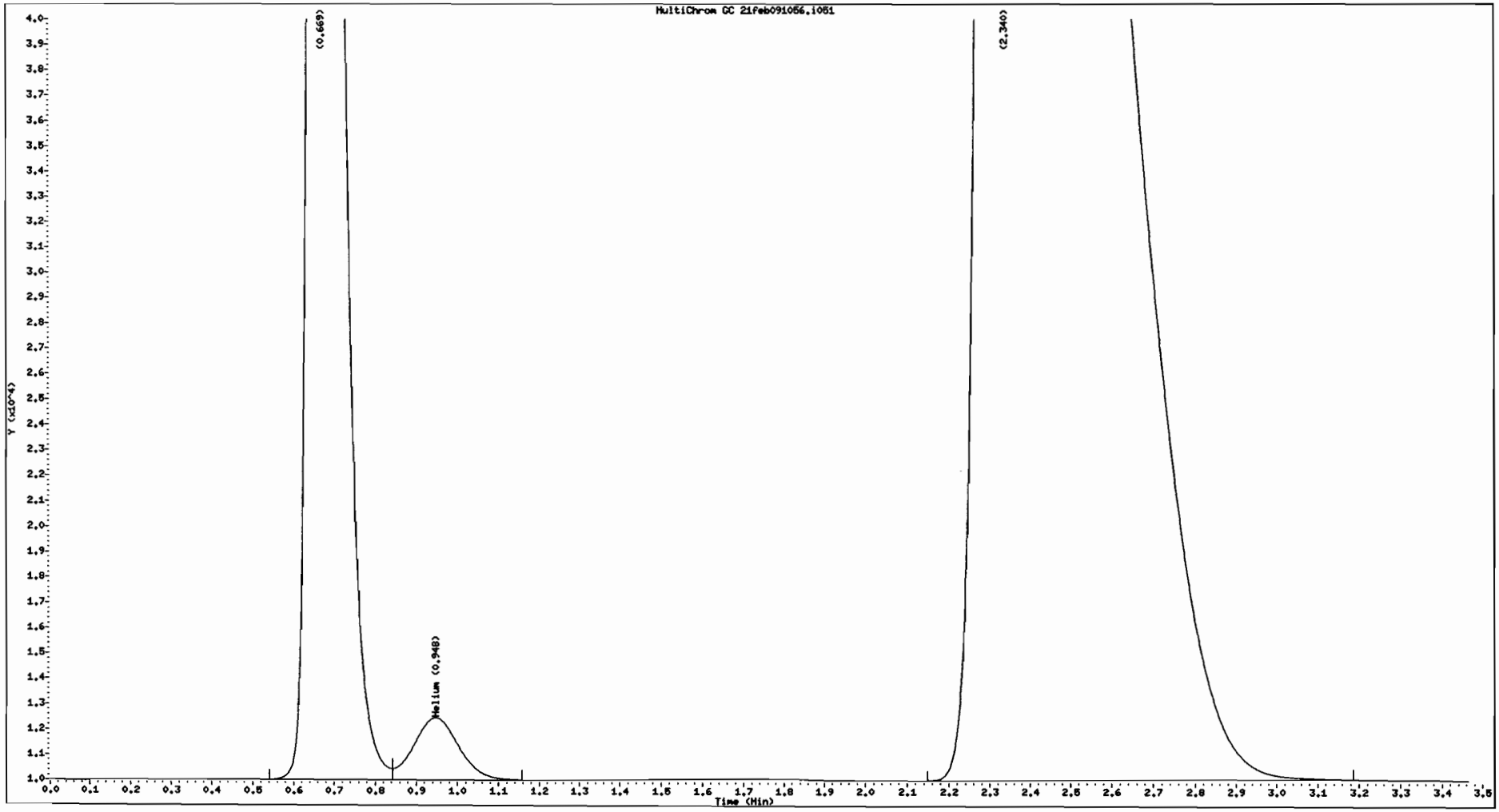
Target Compounds

Peak RT	Expected RT	Target Compound
0.964	0.940	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL5	Client Sample ID: CAL5

Matrix	: AIR	Sample Type	: CALIB_5
Analyst	: JH2	Injection Date	: 21-FEB-2009 11:17
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091056-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/21FEB091056.b/ASTM_He.m		
Reported	: 21-Feb-2009 12:17 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL5	Client Sample ID: CAL5

Matrix	: AIR	Sample Type	: CALIB_5
Analyst	: JH2	Injection Date	: 21-FEB-2009 11:17
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091056-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/21FEB091056.b/ASTM_He.m		
Reported	: 21-Feb-2009 12:17 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.669			8909462	141829			
2	0.948	0.940	0.007	282834	2452	17.1619123	A	Helium
3	2.340			29335587	113625			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

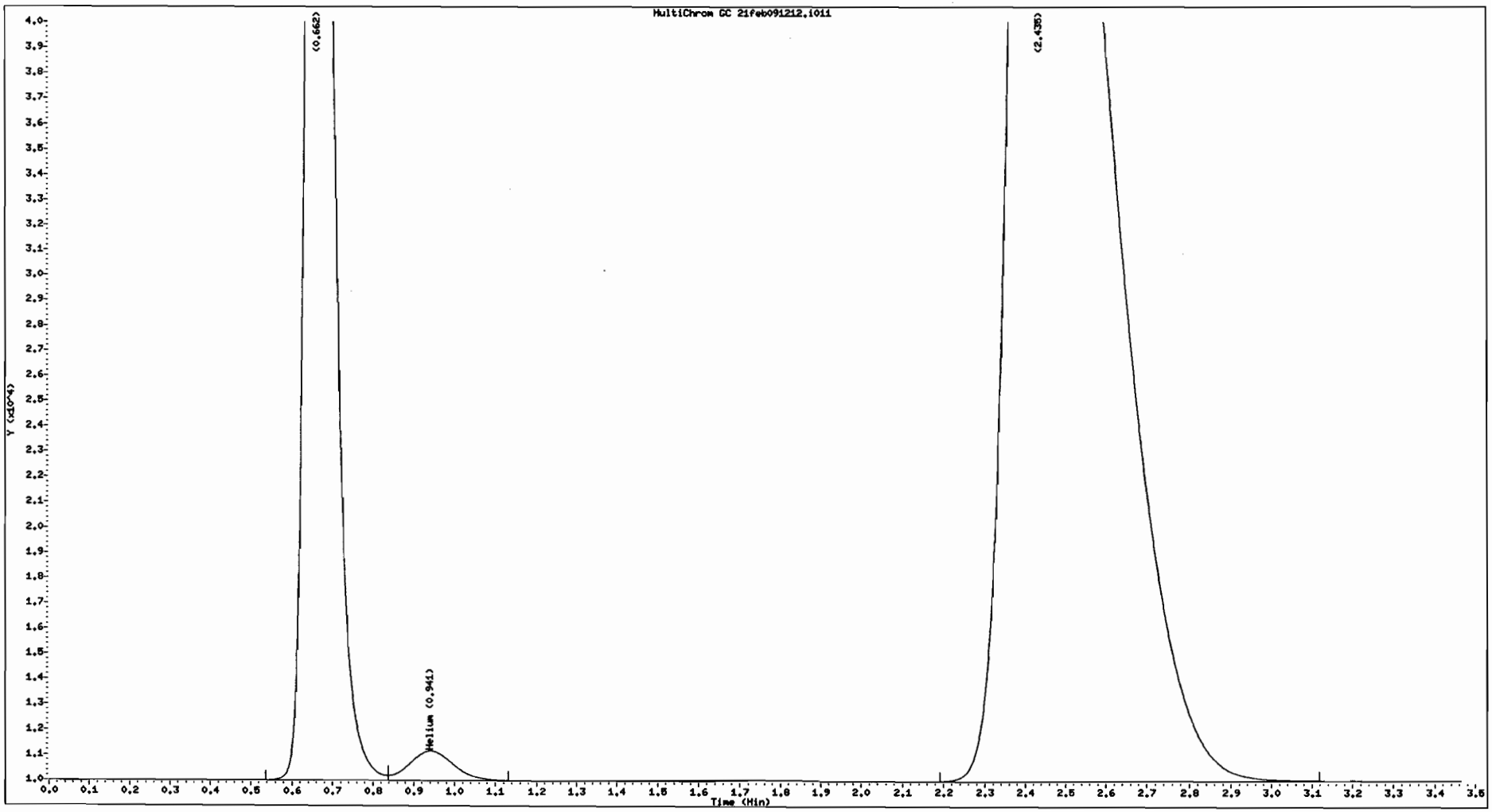
Peak RT	Expected RT	Target Compound
0.948	0.940	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: ICV	Client Sample ID: ICV

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 21-FEB-2009 12:13
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091212-r011.d
Integrator	: HP Genie	Compound Sublist	: all

Method : /var/chem/2866_2.i/022109_1/21FEB091212.b/ASTM_He.m
Reported : 21-Feb-2009 12:22 jh2



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: ICV	Client Sample ID: ICV

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 21-FEB-2009 12:13
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21feb091212-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/21FEB091212.b/ASTM_He.m		
Reported	: 21-Feb-2009 12:22 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.662			4596536	75478			
2	0.941	0.940	0.000	133876	1160	8.12334844		Helium
3	2.435			13978239	62601			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
0.941	0.940	Helium

TestAmerica Burlington

RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: ICV
Level: LOW
Data Type: GC DATA
SpikeList File: LCS.spk
Sublist File: all.sub
Method File: /var/chem/2866_2.i/022109_1/21FEB091212.b/ASTM_He.m
Misc Info:

Client SDG: 21FEB091212
Fraction: VOA
Client Smp ID: ICV
Operator: JH2
SampleType: LCS
Quant Type: ESTD

SPIKE COMPOUND	CONC ADDED %.v/v	CONC RECOVERED %.v/v	% RECOVERED	LIMITS
9 Helium	8.3	8.1	97.87	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Instrument ID: 2866_2 Calibration Date: 03/12/09 Time: 0934

Lab File ID: 12MA090931-R01 Init. Calib. Date(s): 02/21/09 02/21/09

Heated Purge: (Y/N) N Init. Calib. Times: 1059 1117

GC Column: CTR-1 ID: 6.35 (mm)

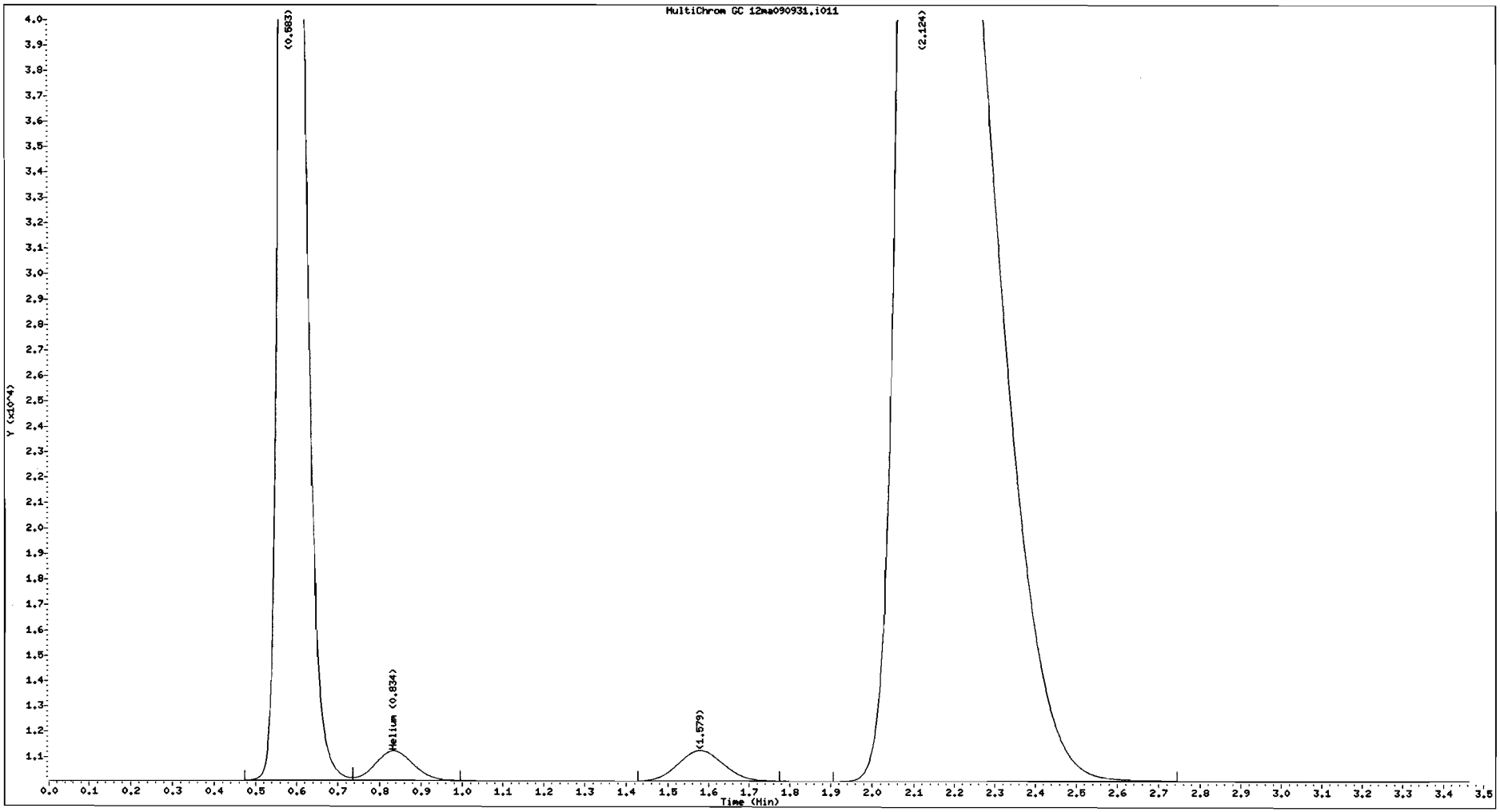
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	16480.273	13762.169		16.5	30.0

FORM VII VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: JH2	Injection Date	: 12-MAR-2009 09:34
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 12ma090931-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/12MAR090931.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:22 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: JH2	Injection Date	: 12-MAR-2009 09:34
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 12ma090931-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/12MAR090931.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:22 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.583			4207140	79118			
2	0.834	0.940	-0.107	114227	1170	6.93107450		Helium
3	1.579			142971	1211			
4	2.124			12633506	67075			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
0.834	0.940	Helium

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Instrument ID: 2866_2 Calibration Date: 03/12/09 Time: 1456

Lab File ID: 12MA091455-R01 Init. Calib. Date(s): 02/21/09 02/21/09

Heated Purge: (Y/N) N Init. Calib. Times: 1059 1117

GC Column: CTR-1 ID: 6.35 (mm)

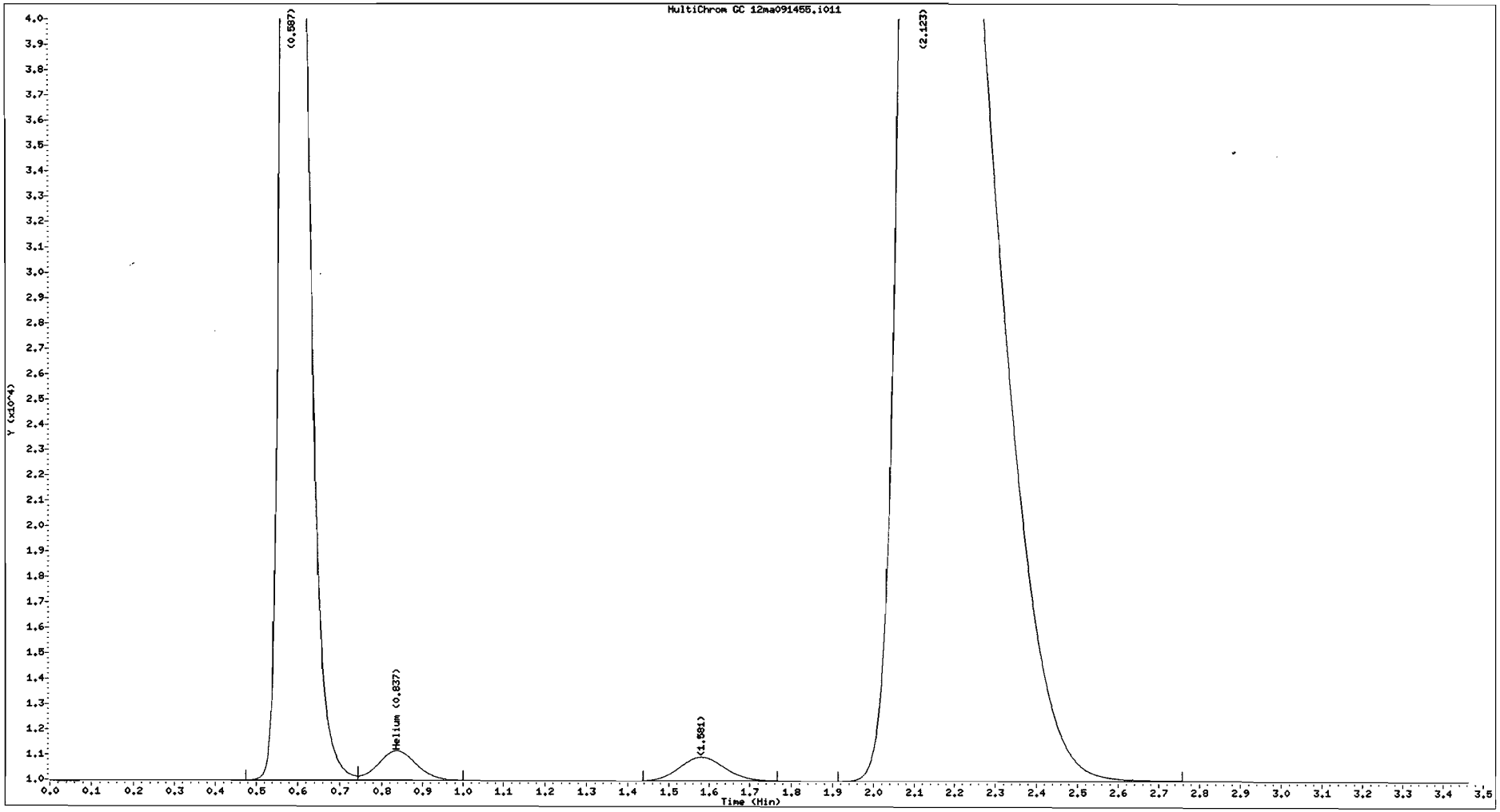
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	16480.273	13901.325		15.6	30.0

FORM VII VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: JH2	Injection Date	: 12-MAR-2009 14:56
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 12ma091455-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/12MAR091455.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:23 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: JH2	Injection Date	: 12-MAR-2009 14:56
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 12ma091455-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/12MAR091455.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:23 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.587			4236920	76775			
2	0.837	0.940	-0.103	115381	1173	7.00115829		Helium
3	1.581			110313	936			
4	2.123			12641313	67031			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
0.837	0.940	Helium

Standards – ASTM D1946

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90226VP-20V1.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787826

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R011

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

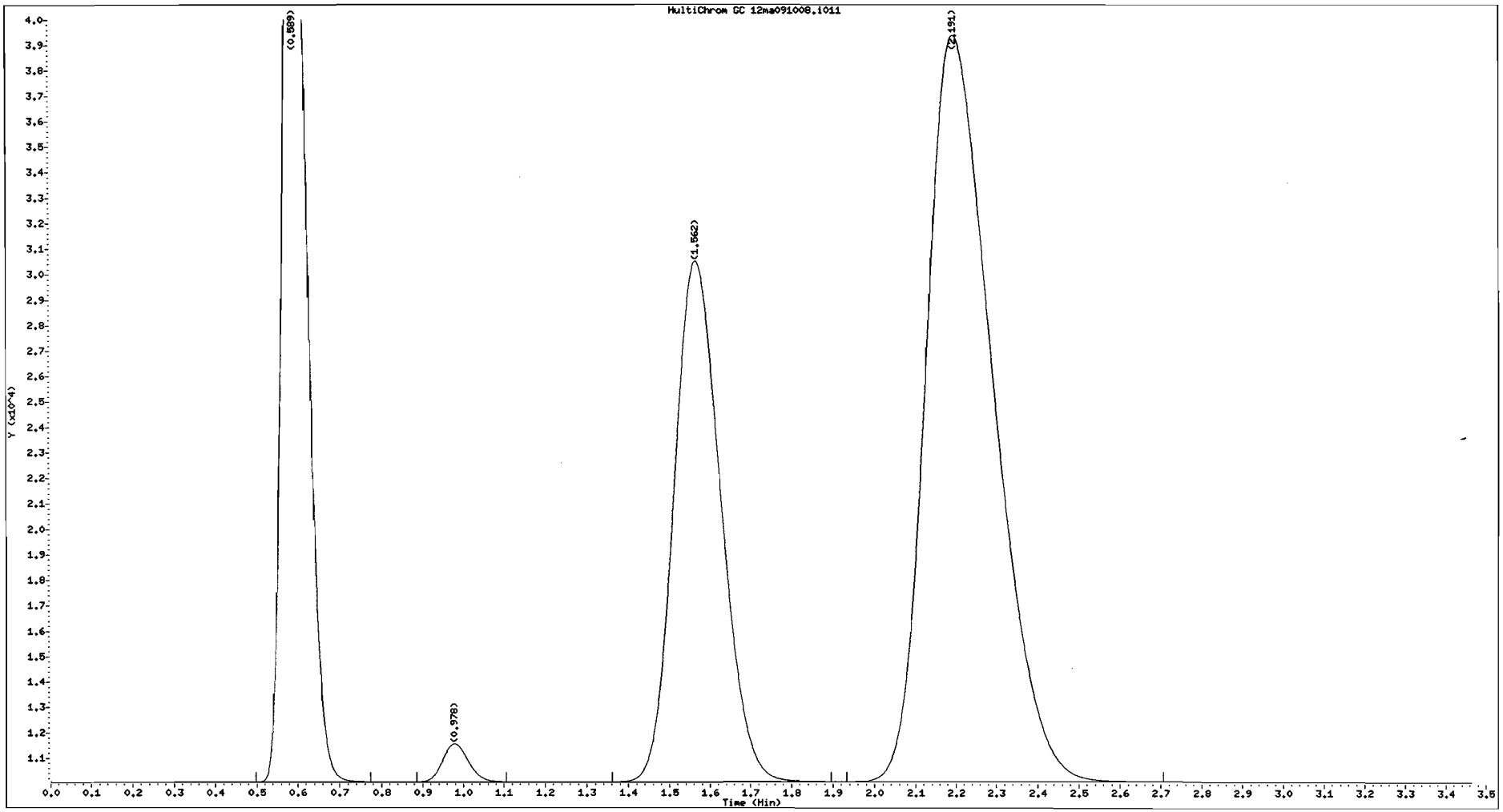
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787826	Client Sample ID: 90226VP-20V1.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:09
Instrument	: 2866_2.i	Dilution Factor	: 1.28
Column	: CTR-1	Data File	: 12ma091008-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787826	Client Sample ID: 90226VP-20V1.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:09
Instrument	: 2866_2.i	Dilution Factor	: 1.28
Column	: CTR-1	Data File	: 12ma091008-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.589			2543919	43254			
2	0.978			99038	1508			
3	1.562			2482906	20462			
4	2.191			5084698	29304			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90227VP-21V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787827

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R021

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.4

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

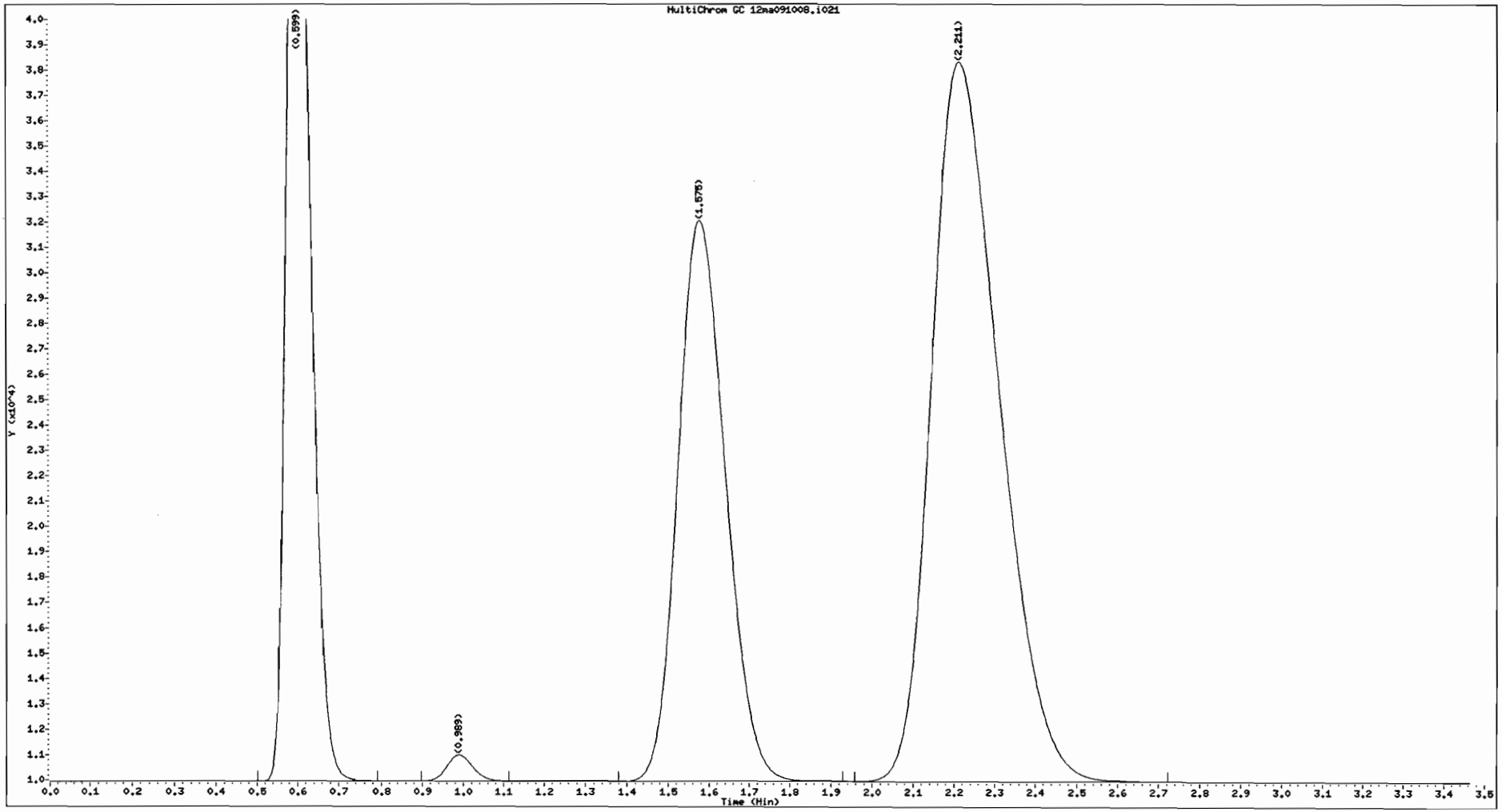
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787827	Client Sample ID: 90227VP-21V3N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:14
Instrument	: 2866_2.i	Dilution Factor	: 1.35
Column	: CTR-1	Data File	: 12ma091008-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787827	Client Sample ID: 90227VP-21V3N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:14
Instrument	: 2866_2.i	Dilution Factor	: 1.35
Column	: CTR-1	Data File	: 12ma091008-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.599			2592839	42615			
2	0.989			68585	1033			
3	1.575			2715667	22101			
4	2.211			4964729	28355			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90227VP-22V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787829

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R041

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.5

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

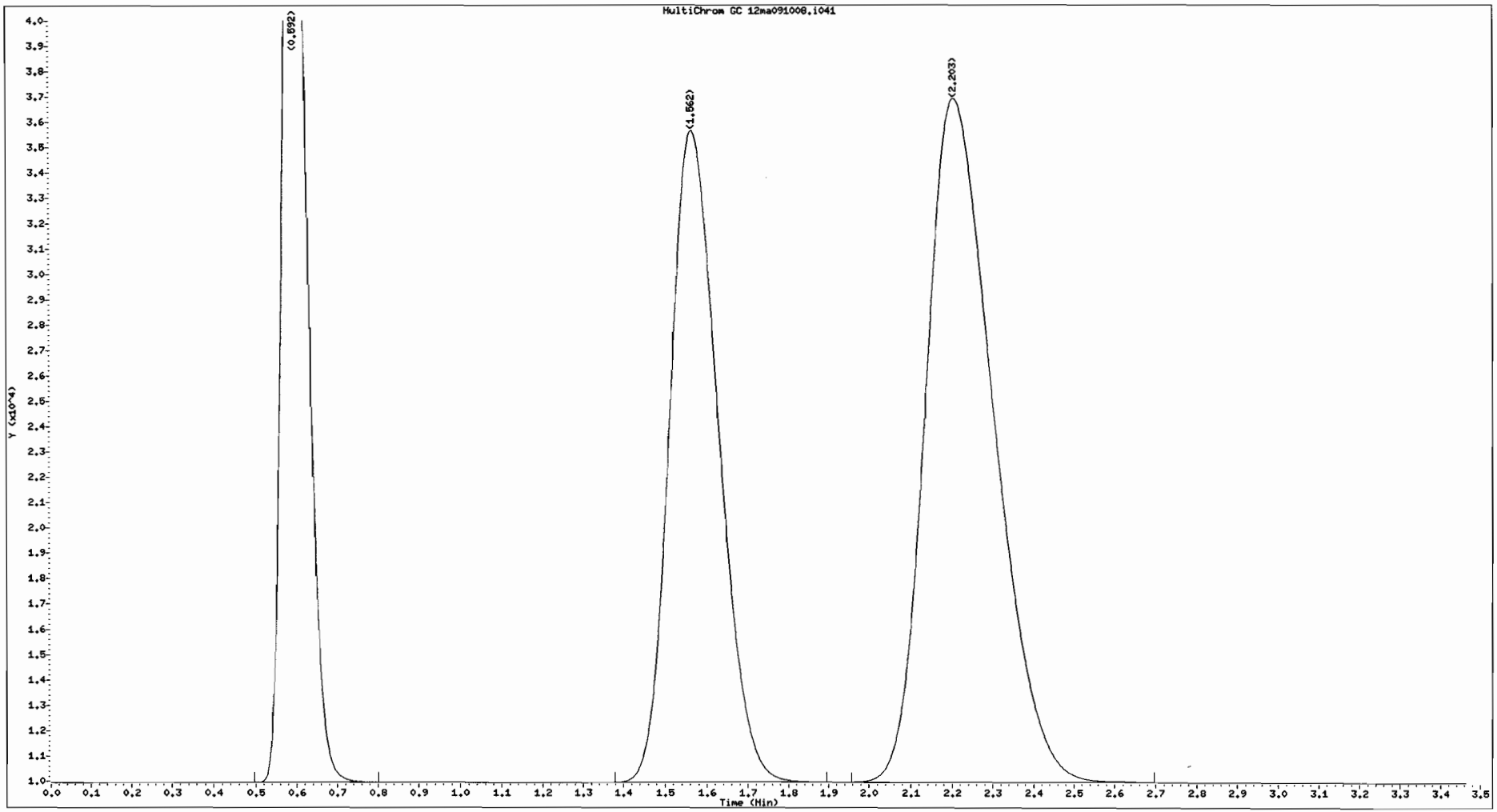
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.5	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787829	Client Sample ID: 90227VP-22V3N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:22
Instrument	: 2866_2.i	Dilution Factor	: 1.49
Column	: CTR-1	Data File	: 12ma091008-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787829	Client Sample ID: 90227VP-22V3N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:22
Instrument	: 2866_2.i	Dilution Factor	: 1.49
Column	: CTR-1	Data File	: 12ma091008-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.592			2649120	43294			
2	1.562			3155362	25695			
3	2.203			4704702	26950			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90227VP-23V3.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787828

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R031

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.5

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

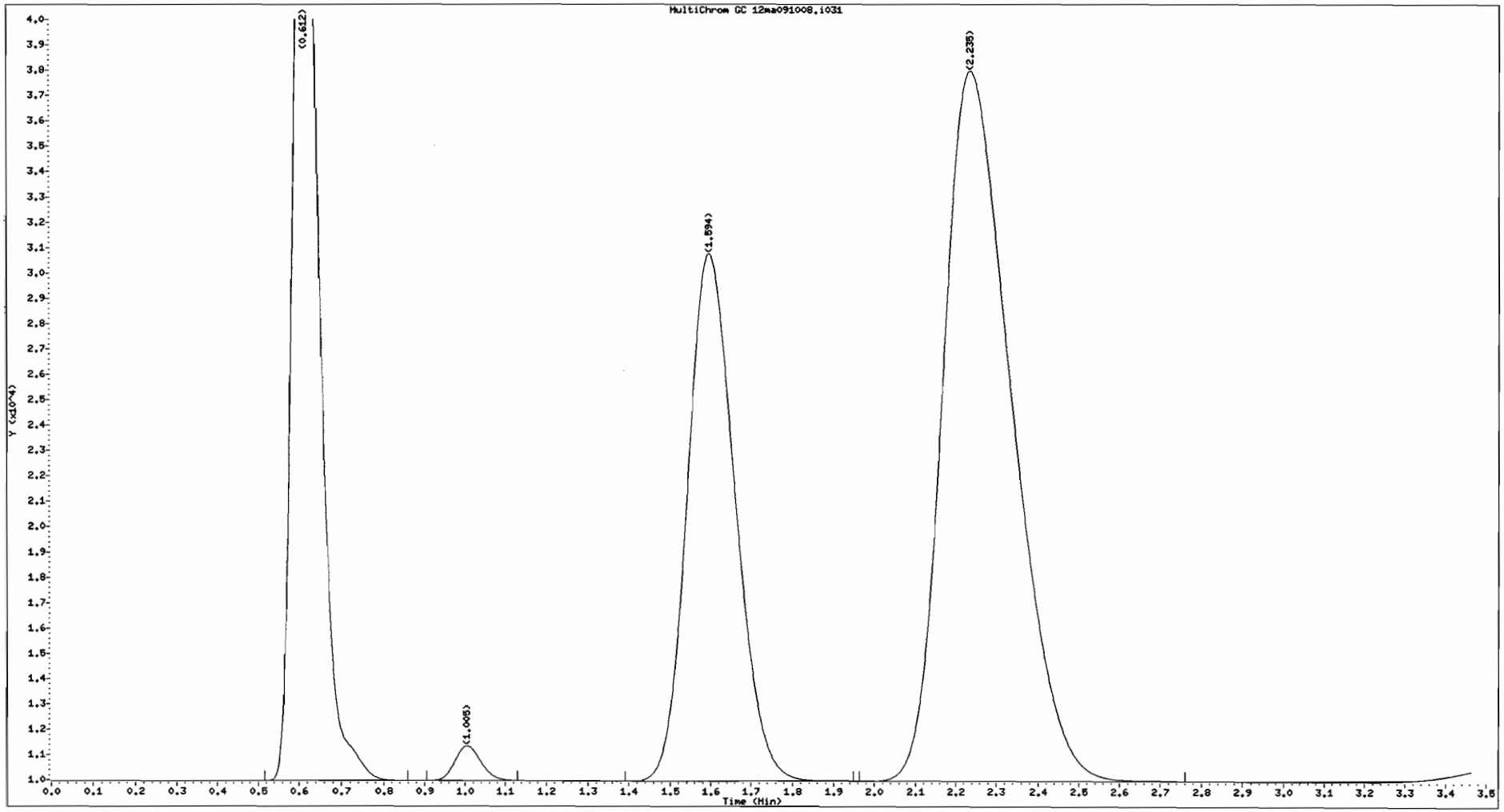
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.5	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787828	Client Sample ID: 90227VP-23V3.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:18
Instrument	: 2866_2.i	Dilution Factor	: 1.47
Column	: CTR-1	Data File	: 12ma091008-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787828	Client Sample ID: 90227VP-23V3.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:18
Instrument	: 2866_2.i	Dilution Factor	: 1.47
Column	: CTR-1	Data File	: 12ma091008-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.612			2615001	40791			
2	1.005			93374	1374			
3	1.594			2576349	20787			
4	2.235			4955091	27992			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90304VP-24V4N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787831

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R061

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

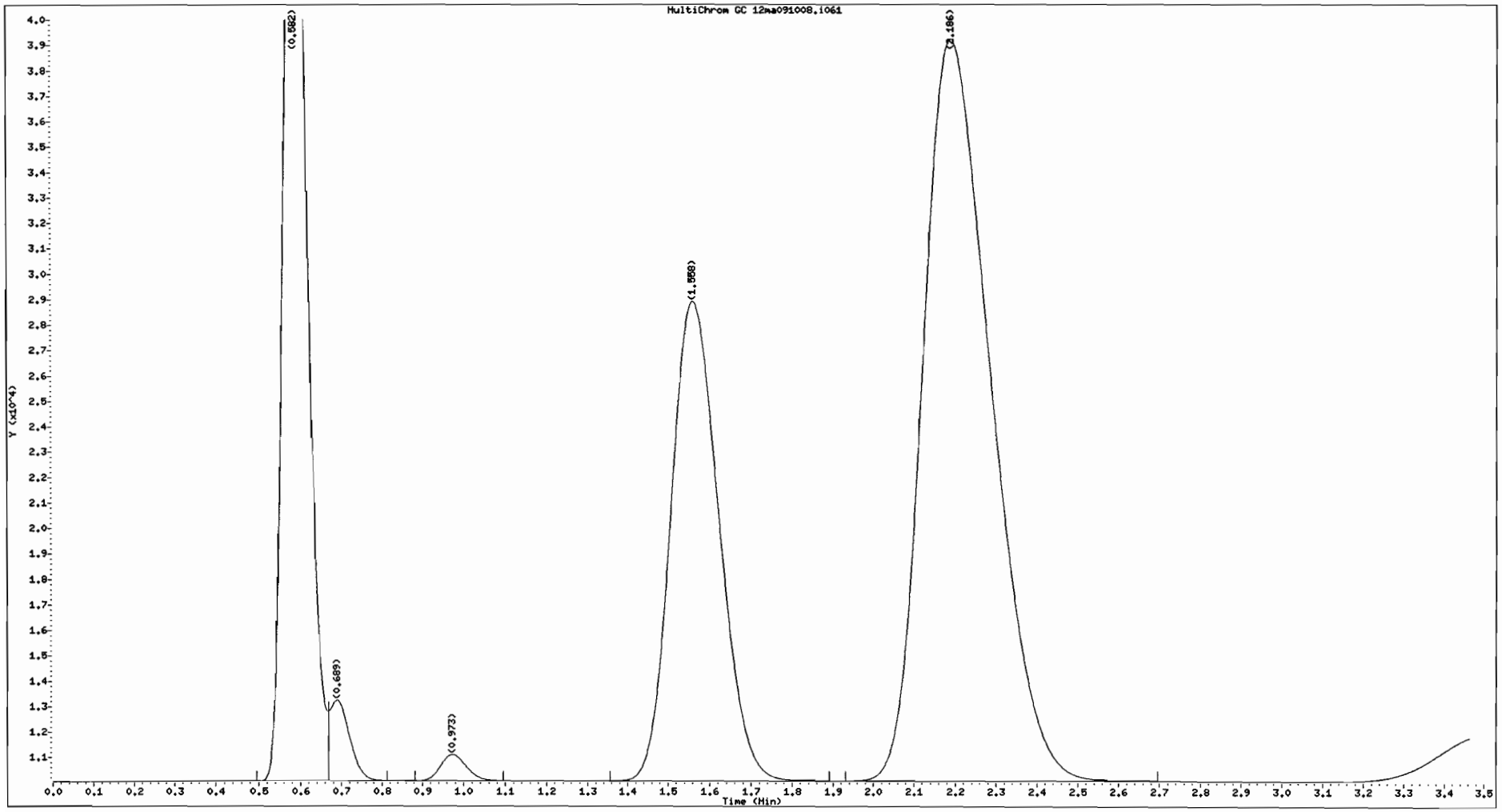
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787831	Client Sample ID: 90304VP-24V4N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:32
Instrument	: 2866_2.i	Dilution Factor	: 1.31
Column	: CTR-1	Data File	: 12ma091008-r061.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787831	Client Sample ID: 90304VP-24V4N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:32
Instrument	: 2866_2.i	Dilution Factor	: 1.31
Column	: CTR-1	Data File	: 12ma091008-r061.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.582			2449911	41837			
2	0.689			170626	3171			
3	0.973			67976	1039			
4	1.558			2283479	18847			
5	2.186			5059604	29157			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90304VP-25V6N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787830

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R051

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

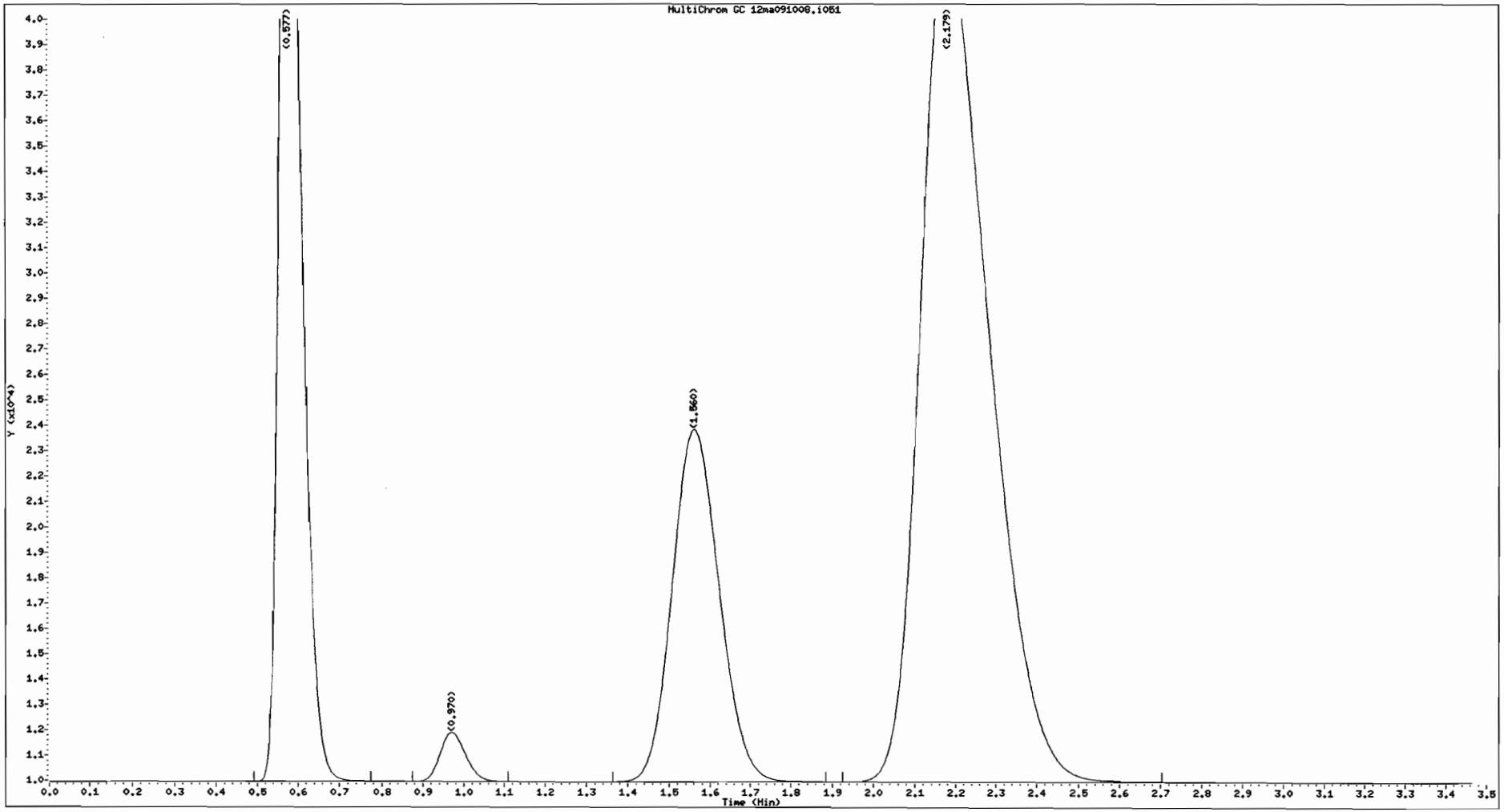
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787830	Client Sample ID: 90304VP-25V6N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:27
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 12ma091008-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787830	Client Sample ID: 90304VP-25V6N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:27
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 12ma091008-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.577			2512825	43938			
2	0.970			127668	1934			
3	1.560			1680043	13874			
4	2.179			5819199	33226			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90304VP-26V5.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787832

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R071

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

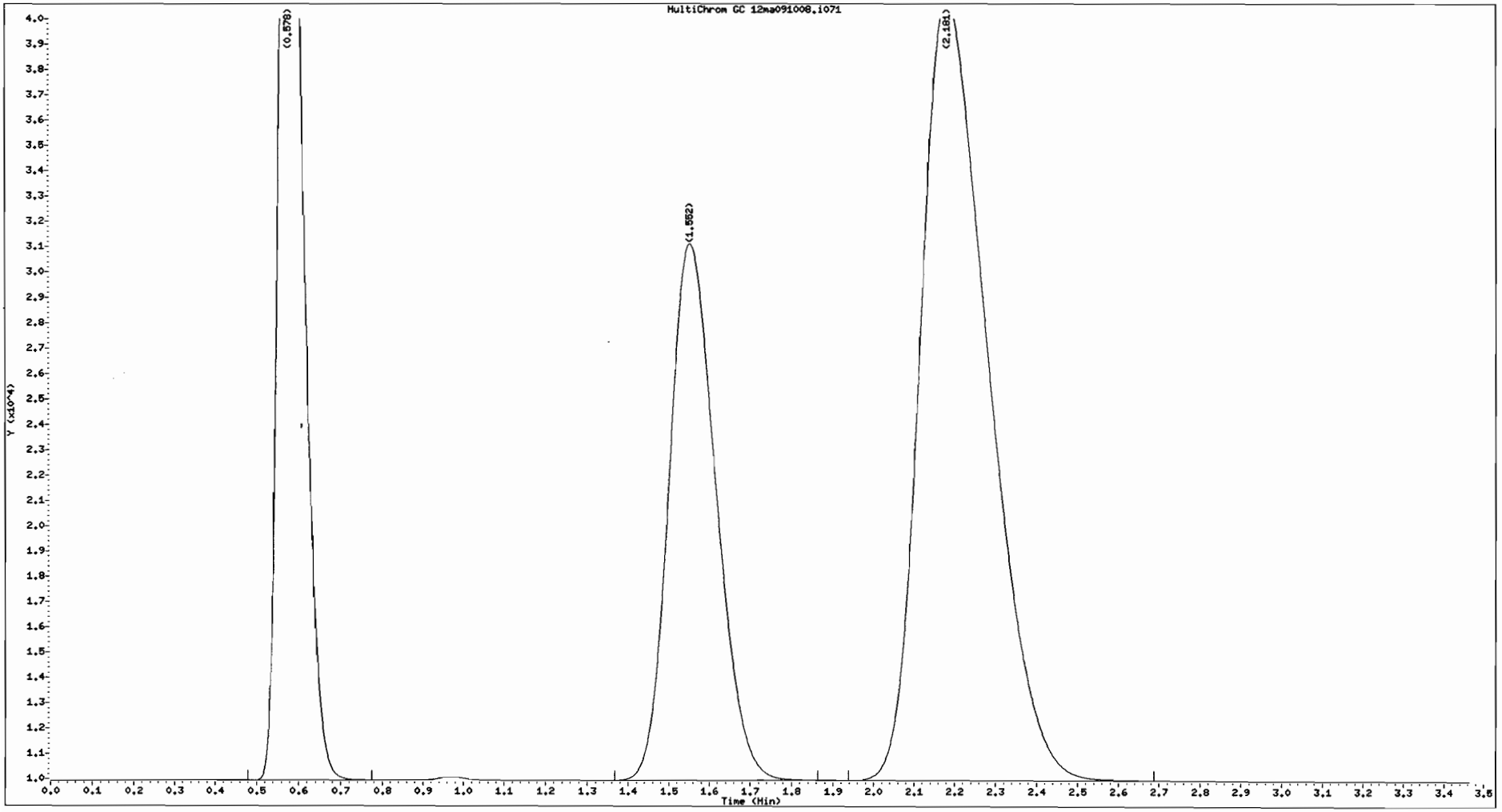
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787832	Client Sample ID: 90304VP-26V5.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:36
Instrument	: 2866_2.i	Dilution Factor	: 1.34
Column	: CTR-1	Data File	: 12ma091008-r071.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787832	Client Sample ID: 90304VP-26V5.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:36
Instrument	: 2866_2.i	Dilution Factor	: 1.34
Column	: CTR-1	Data File	: 12ma091008-r071.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.578			2669557	44620			
2	1.552			2571913	21169			
3	2.181			5384028	30846			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90304VP-27V5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787834

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R091

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

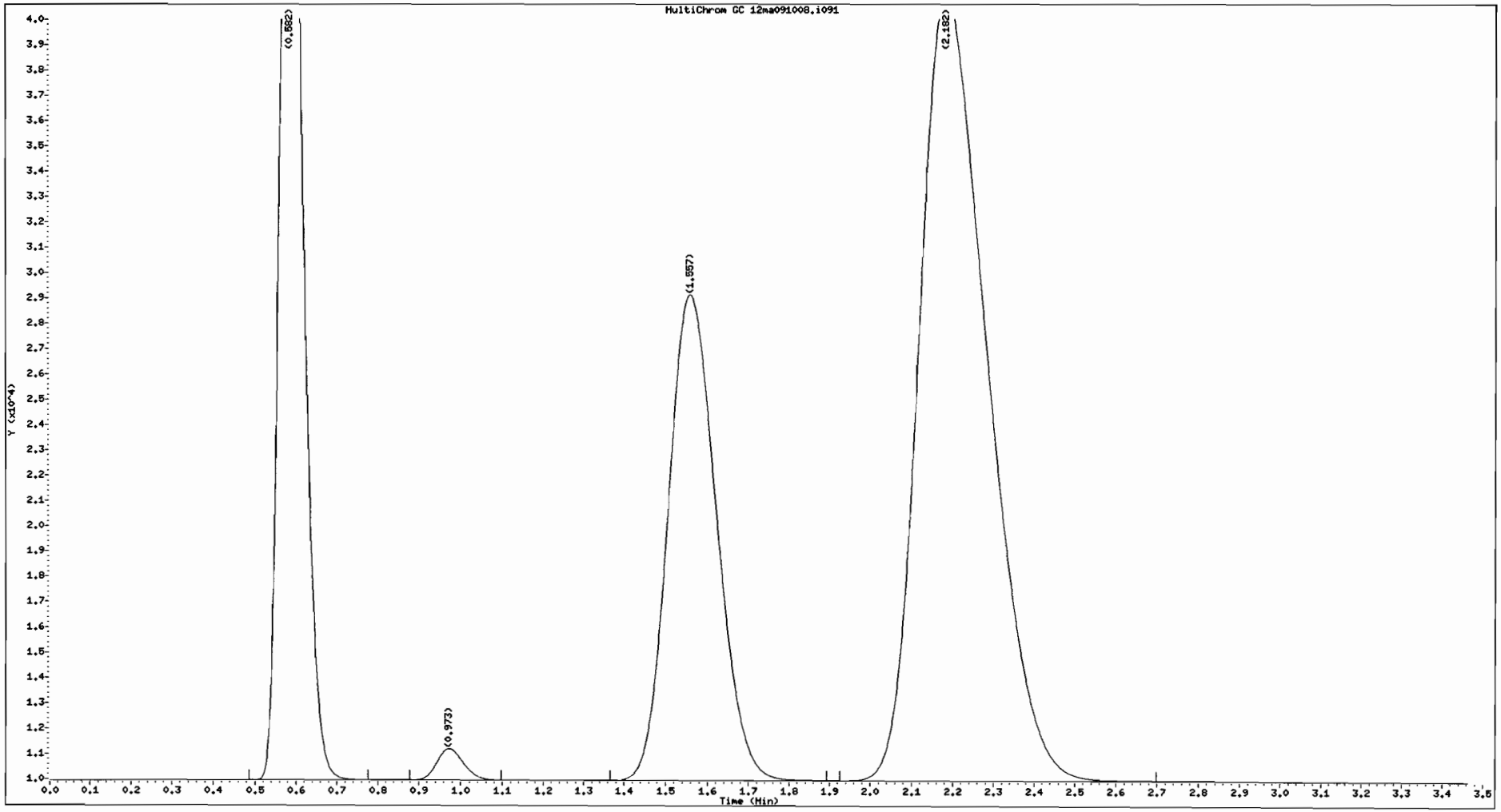
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.0	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787834	Client Sample ID: 90304VP-27V5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:45
Instrument	: 2866_2.i	Dilution Factor	: 1.20
Column	: CTR-1	Data File	: 12ma091008-r091.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787834	Client Sample ID: 90304VP-27V5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:45
Instrument	: 2866_2.i	Dilution Factor	: 1.20
Column	: CTR-1	Data File	: 12ma091008-r091.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.582			2592583	43890			
2	0.973			81468	1238			
3	1.557			2332177	19173			
4	2.182			5412821	31064			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90304VP-28V3.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787835

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R101

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.4

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

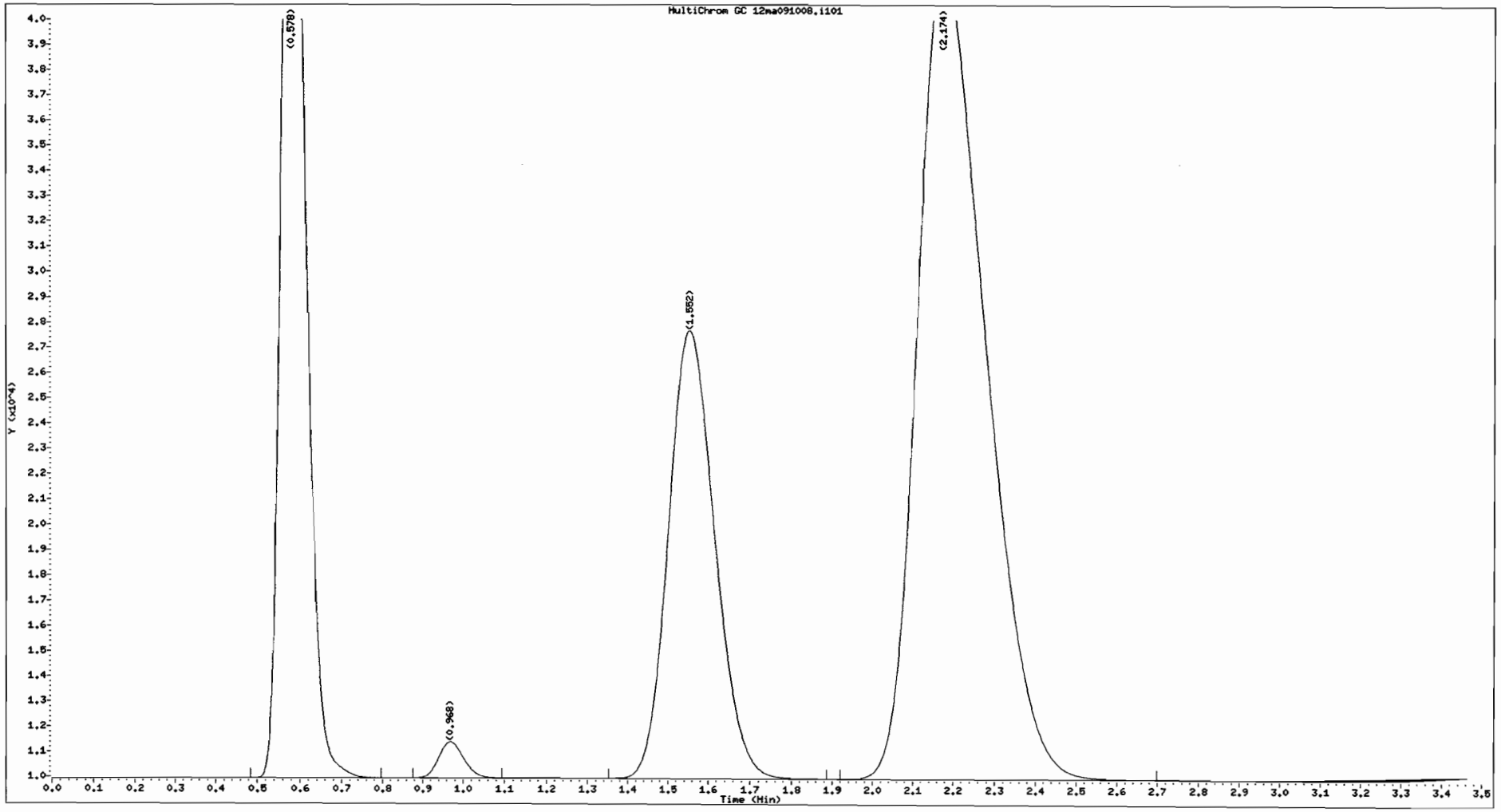
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787835	Client Sample ID: 90304VP-28V3.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:50
Instrument	: 2866_2.i	Dilution Factor	: 1.35
Column	: CTR-1	Data File	: 12ma091008-r101.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787835	Client Sample ID: 90304VP-28V3.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:50
Instrument	: 2866_2.i	Dilution Factor	: 1.35
Column	: CTR-1	Data File	: 12ma091008-r101.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.578			2611704	44283			
2	0.968			93520	1432			
3	1.552			2130873	17723			
4	2.174			5617284	32291			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90304VP-29V1.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787836

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R111

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

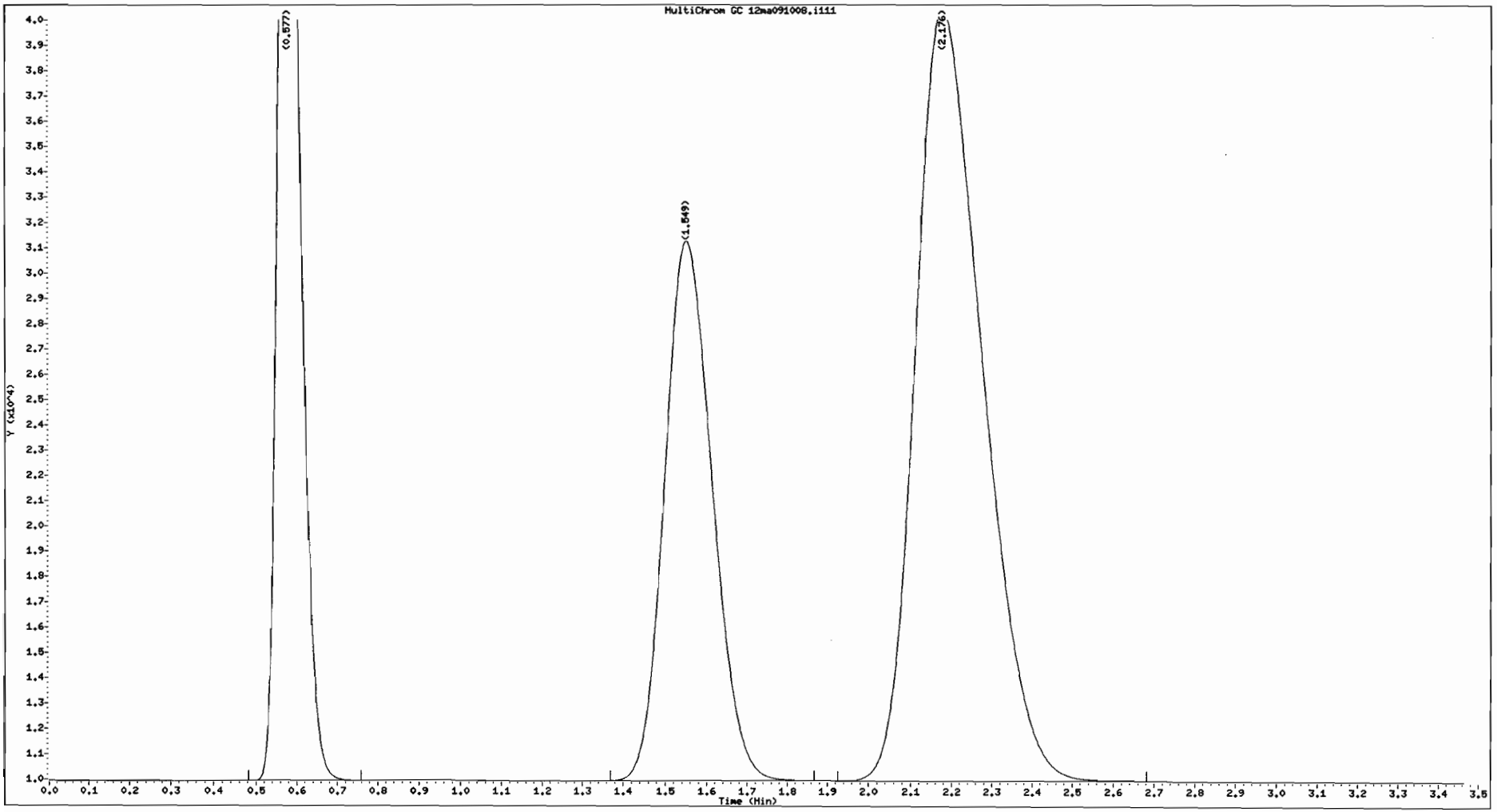
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787836	Client Sample ID: 90304VP-29V1.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:53
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 12ma091008-r111.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787836	Client Sample ID: 90304VP-29V1.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:53
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 12ma091008-r111.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.577			2640717	45709			
2	1.549			2577587	21304			
3	2.176			5279558	30466			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90304VP-30V5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787833

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R081

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

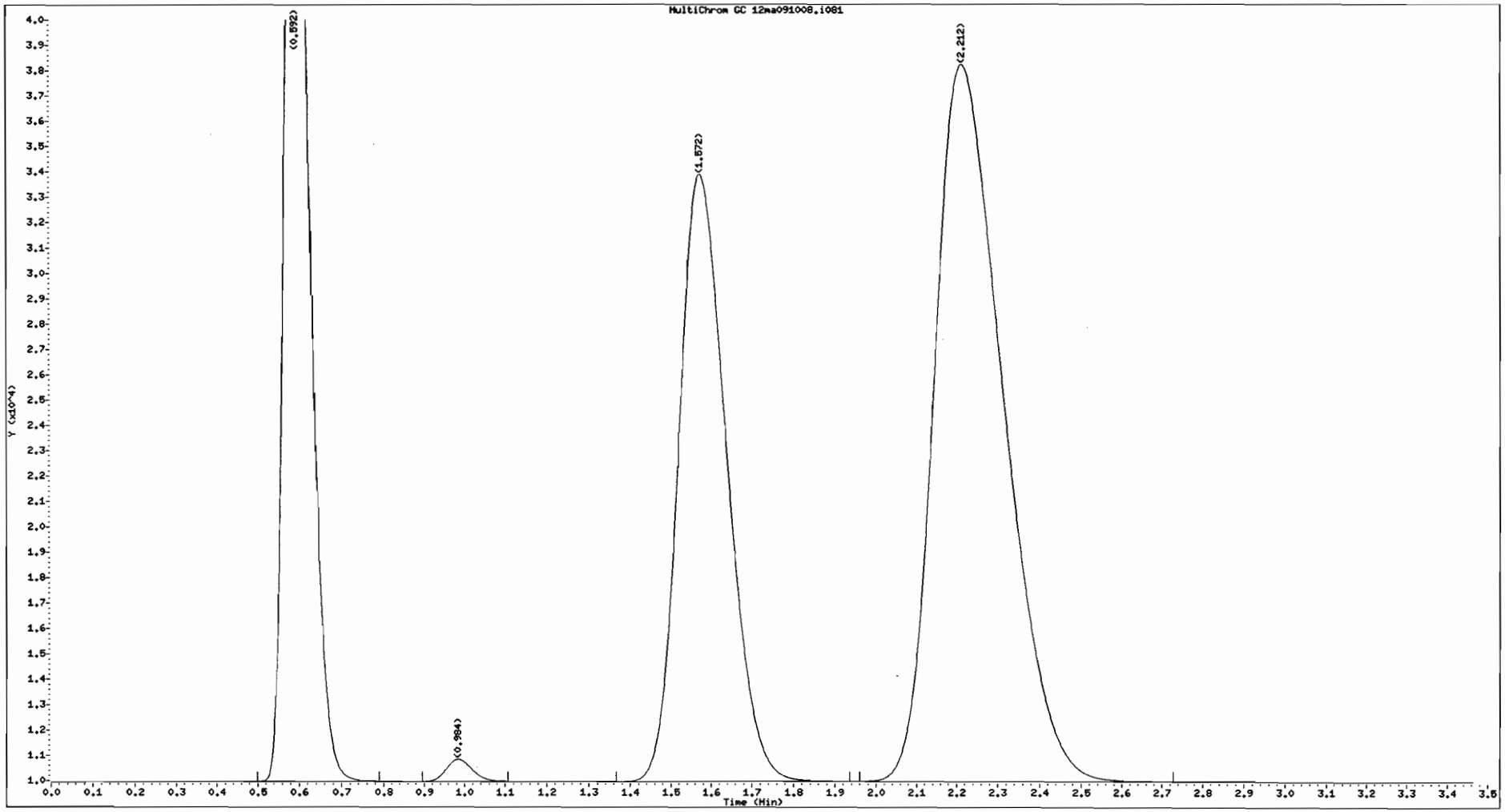
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787833	Client Sample ID: 90304VP-30V5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:40
Instrument	: 2866_2.i	Dilution Factor	: 1.34
Column	: CTR-1	Data File	: 12ma091008-r081.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787833	Client Sample ID: 90304VP-30V5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:40
Instrument	: 2866_2.i	Dilution Factor	: 1.34
Column	: CTR-1	Data File	: 12ma091008-r081.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:46 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.592			2692020	43488			
2	0.984			58904	878			
3	1.572			2977256	23924			
4	2.212			4989849	28250			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90305VP-31V4N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787837

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091414-R011

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

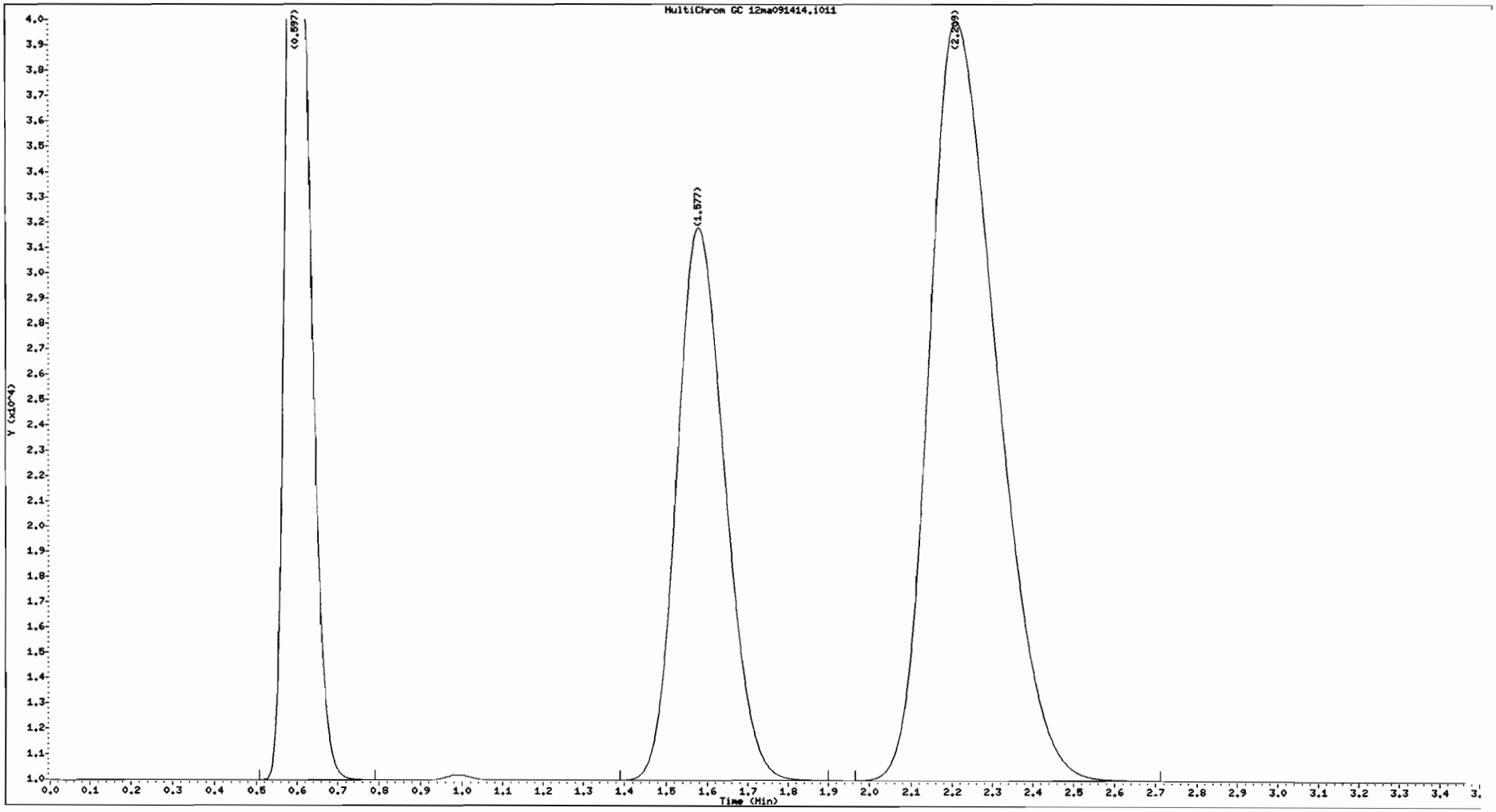
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.0	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787837	Client Sample ID: 90305VP-31V4N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 14:16
Instrument	: 2866_2.i	Dilution Factor	: 1.20
Column	: CTR-1	Data File	: 12ma091414-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787837	Client Sample ID: 90305VP-31V4N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 14:16
Instrument	: 2866_2.i	Dilution Factor	: 1.20
Column	: CTR-1	Data File	: 12ma091414-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.597			2688268	44906			
2	1.577			2683268	21798			
3	2.209			5260470	29962			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90305VP-32V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787838

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R121

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.4

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

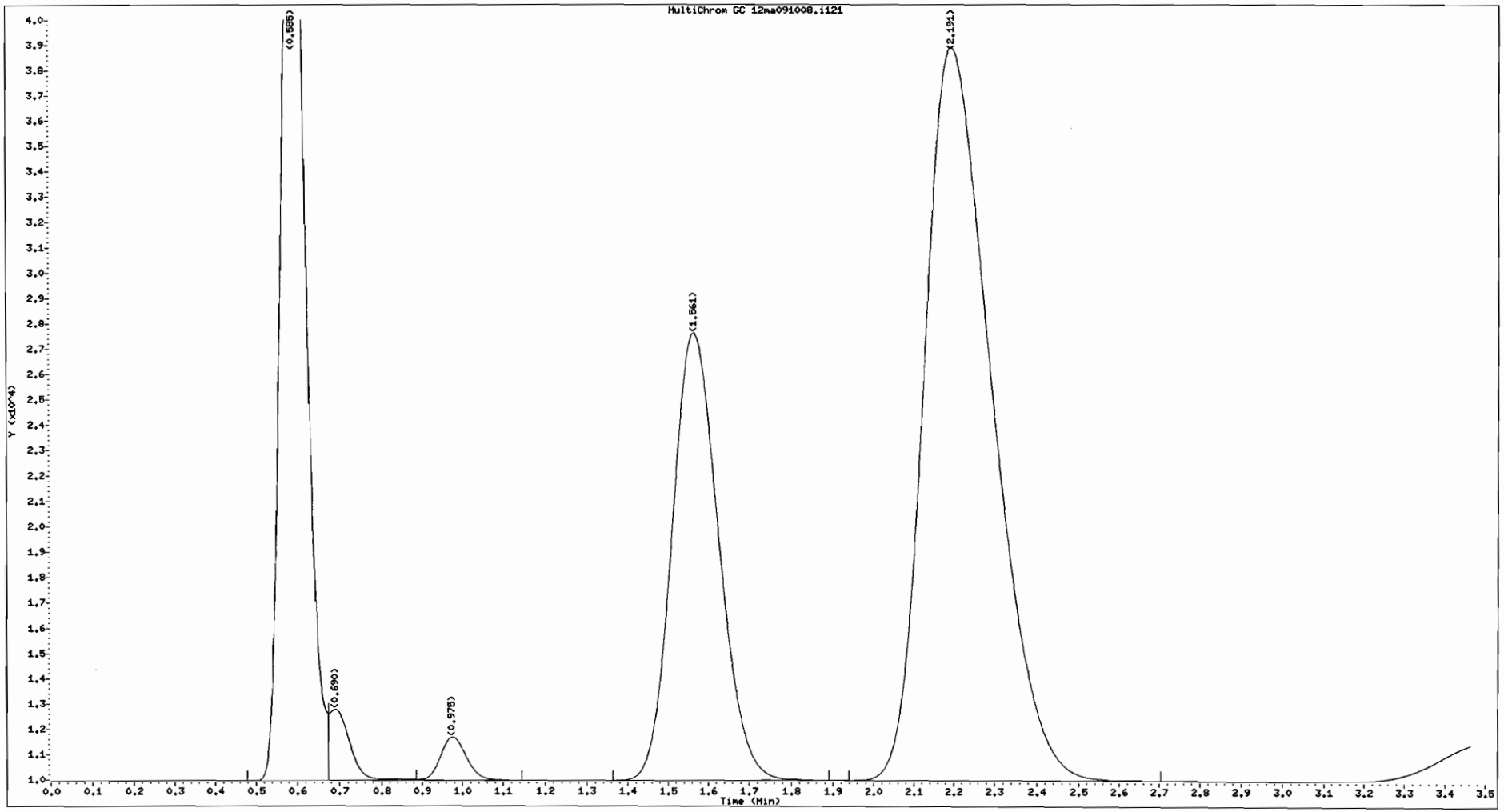
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787838	Client Sample ID: 90305VP-32V2N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:58
Instrument	: 2866_2.i	Dilution Factor	: 1.35
Column	: CTR-1	Data File	: 12ma091008-r121.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787838	Client Sample ID: 90305VP-32V2N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 10:58
Instrument	: 2866_2.i	Dilution Factor	: 1.35
Column	: CTR-1	Data File	: 12ma091008-r121.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.585			2424335	40345		M	
2	0.690			144965	2799		M	
3	0.975			115763	1713		M	
4	1.561			2144869	17651			
5	2.191			5041500	28940			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90305VP-34V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787839

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091414-R021

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

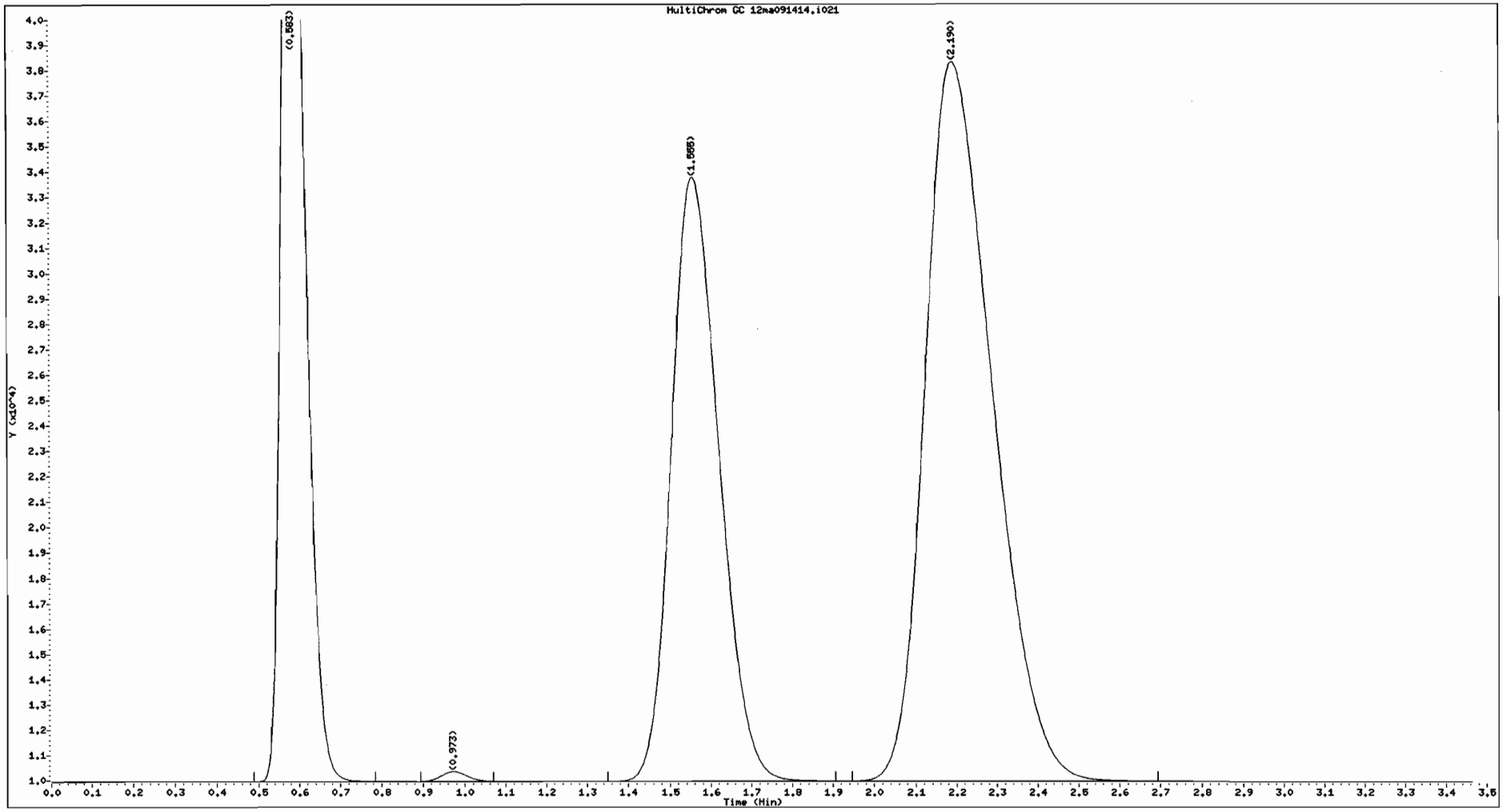
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787839	Client Sample ID: 90305VP-34V2N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 14:21
Instrument	: 2866_2.i	Dilution Factor	: 1.25
Column	: CTR-1	Data File	: 12ma091414-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787839	Client Sample ID: 90305VP-34V2N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 14:21
Instrument	: 2866_2.i	Dilution Factor	: 1.25
Column	: CTR-1	Data File	: 12ma091414-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.583			2635031	43901			
2	0.973			25020	391			
3	1.555			2918553	23815			
4	2.190			4942825	28337			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90305VP-
37V11.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787840

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R131

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

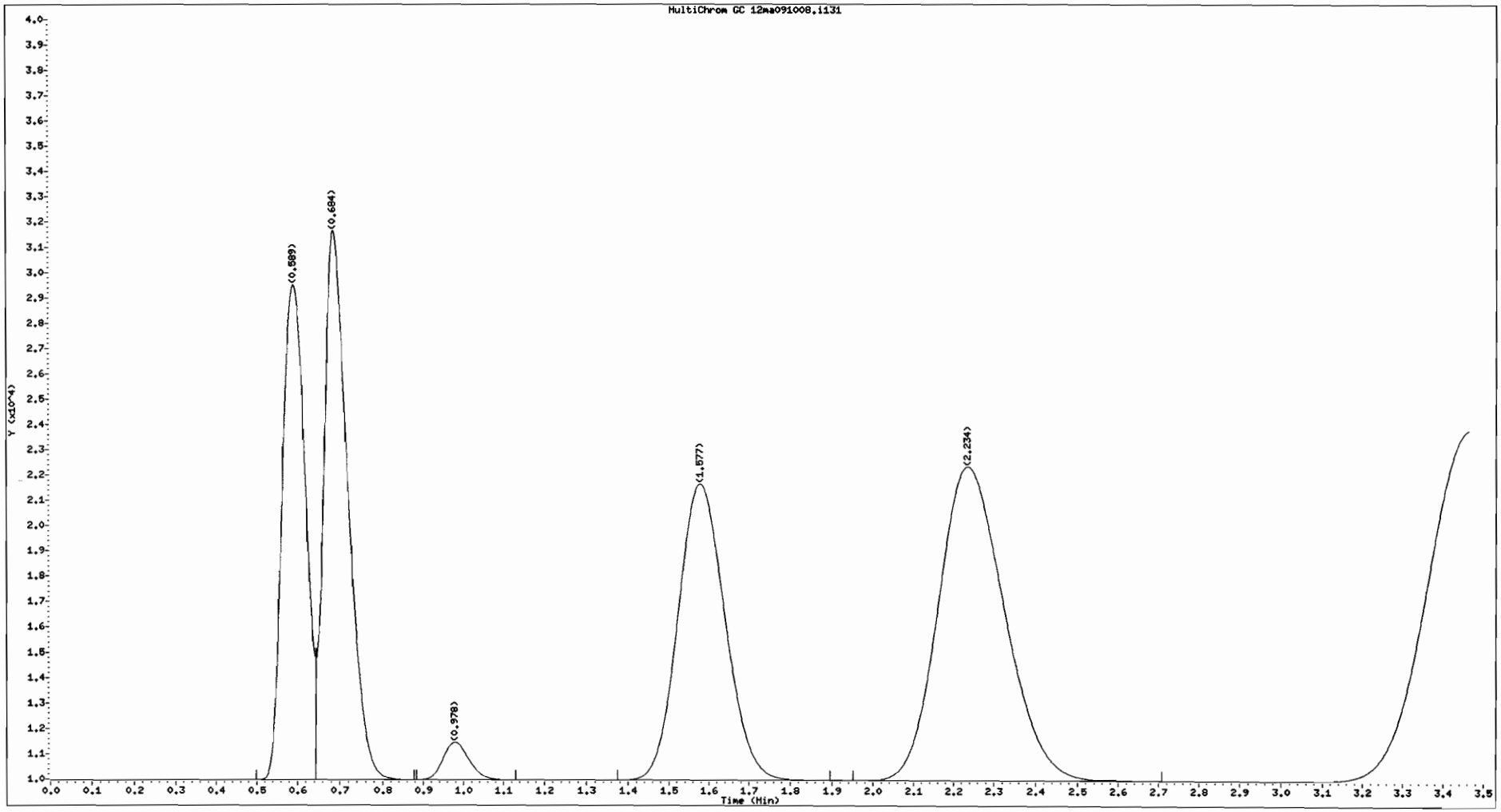
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787840	Client Sample ID: 90305VP-37V11.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:02
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 12ma091008-r131.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787840	Client Sample ID: 90305VP-37V11.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:02
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 12ma091008-r131.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.589			1149877	19567			
2	0.684			1281664	21693			
3	0.978			101666	1488			
4	1.577			1438740	11681			
5	2.234			2126188	12380			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90305VP-
38V11.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787841

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R141

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

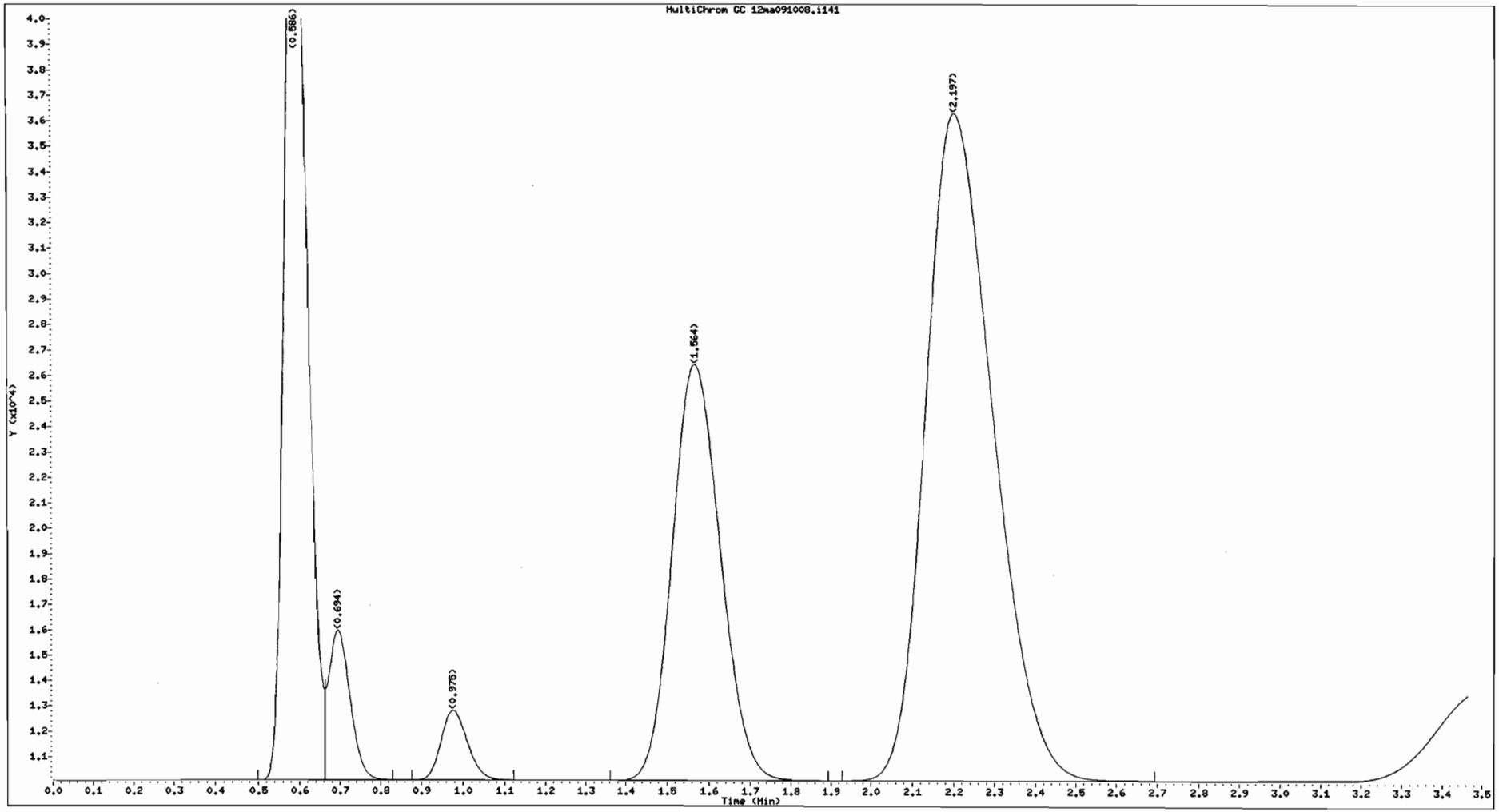
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787841	Client Sample ID: 90305VP-38V11.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:07
Instrument	: 2866_2.i	Dilution Factor	: 1.32
Column	: CTR-1	Data File	: 12ma091008-r141.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787841	Client Sample ID: 90305VP-38V11.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:07
Instrument	: 2866_2.i	Dilution Factor	: 1.32
Column	: CTR-1	Data File	: 12ma091008-r141.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.586			2152080	36914			
2	0.694			338838	5897			
3	0.975			181051	2732			
4	1.564			1977581	16347			
5	2.197			4531529	26201			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90305VP-39V9.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787842

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R151

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

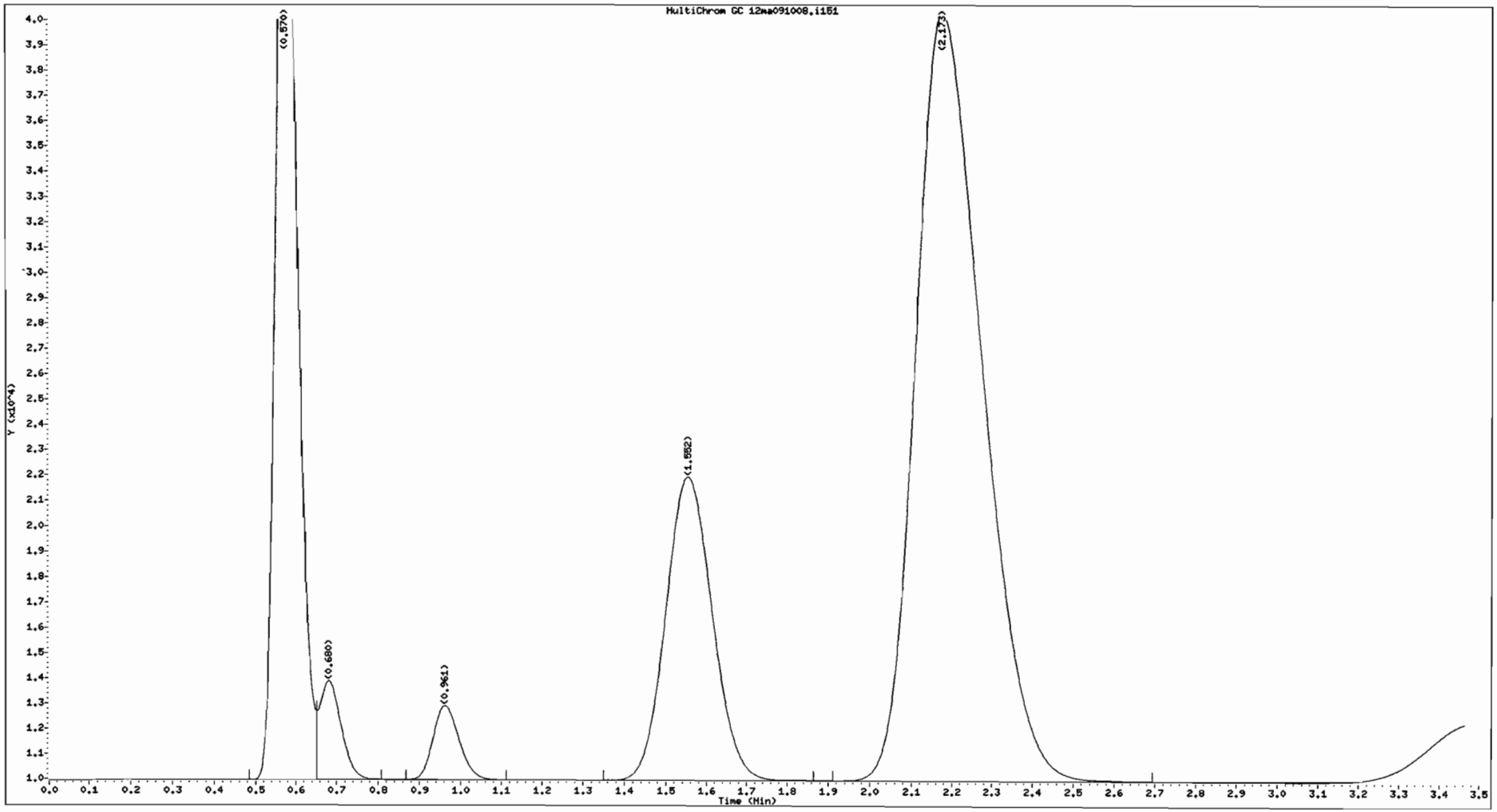
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.0	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787842	Client Sample ID: 90305VP-39V9.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:12
Instrument	: 2866_2.i	Dilution Factor	: 1.20
Column	: CTR-1	Data File	: 12ma091008-r151.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787842	Client Sample ID: 90305VP-39V9.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:12
Instrument	: 2866_2.i	Dilution Factor	: 1.20
Column	: CTR-1	Data File	: 12ma091008-r151.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.570			2223521	39420			
2	0.680			223462	3926			
3	0.961			195474	2940			
4	1.552			1442026	11973			
5	2.173			5269201	30349			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90306VP-33V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787843

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R161

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

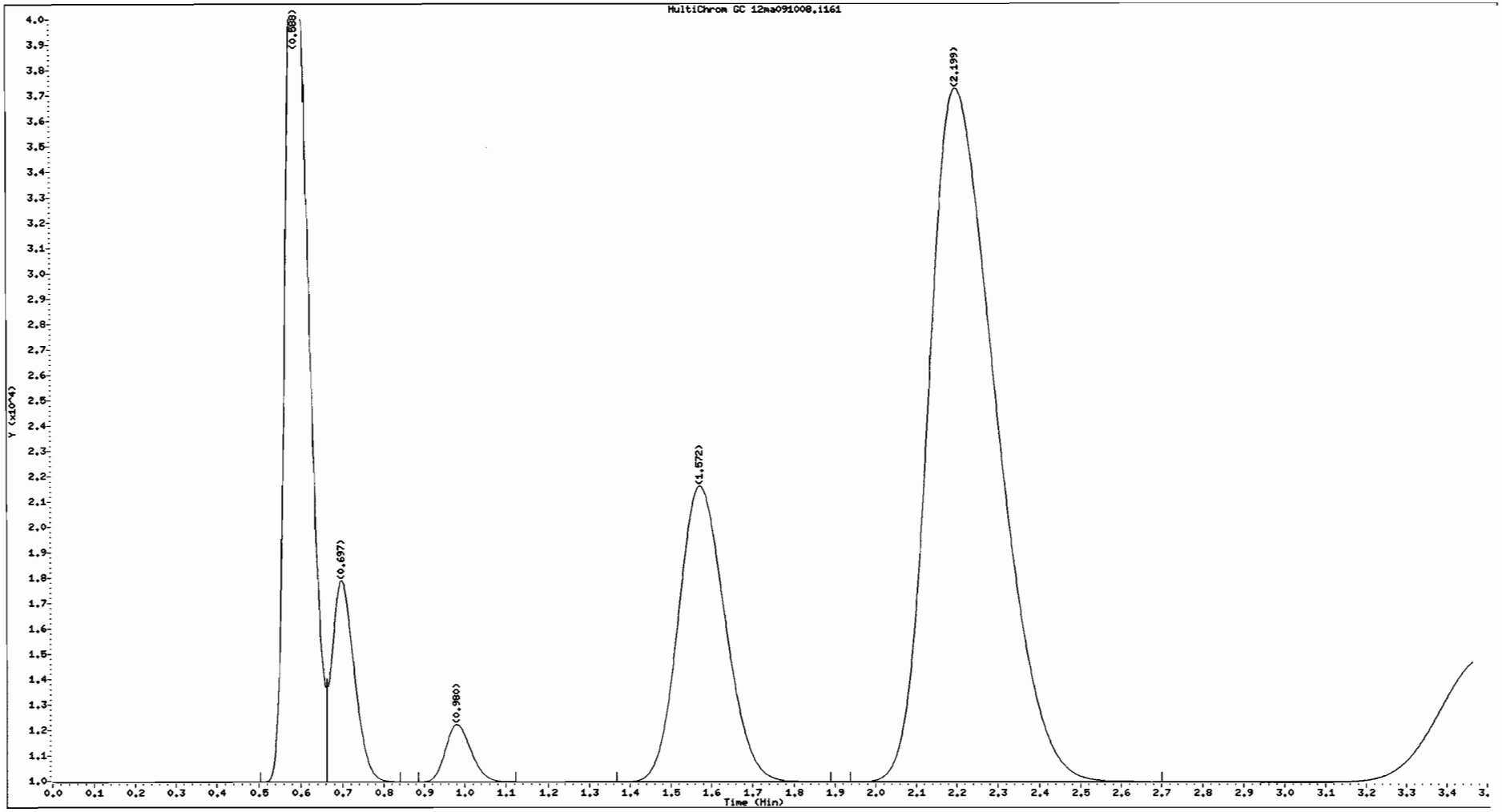
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787843	Client Sample ID: 90306VP-33V3N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:17
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 12ma091008-r161.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787843	Client Sample ID: 90306VP-33V3N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:17
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 12ma091008-r161.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.588			2018816	35921			
2	0.697			461653	7922			
3	0.980			150210	2255			
4	1.572			1405120	11638			
5	2.199			4719960	27292			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90306VP-35V6.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787844

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R171

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

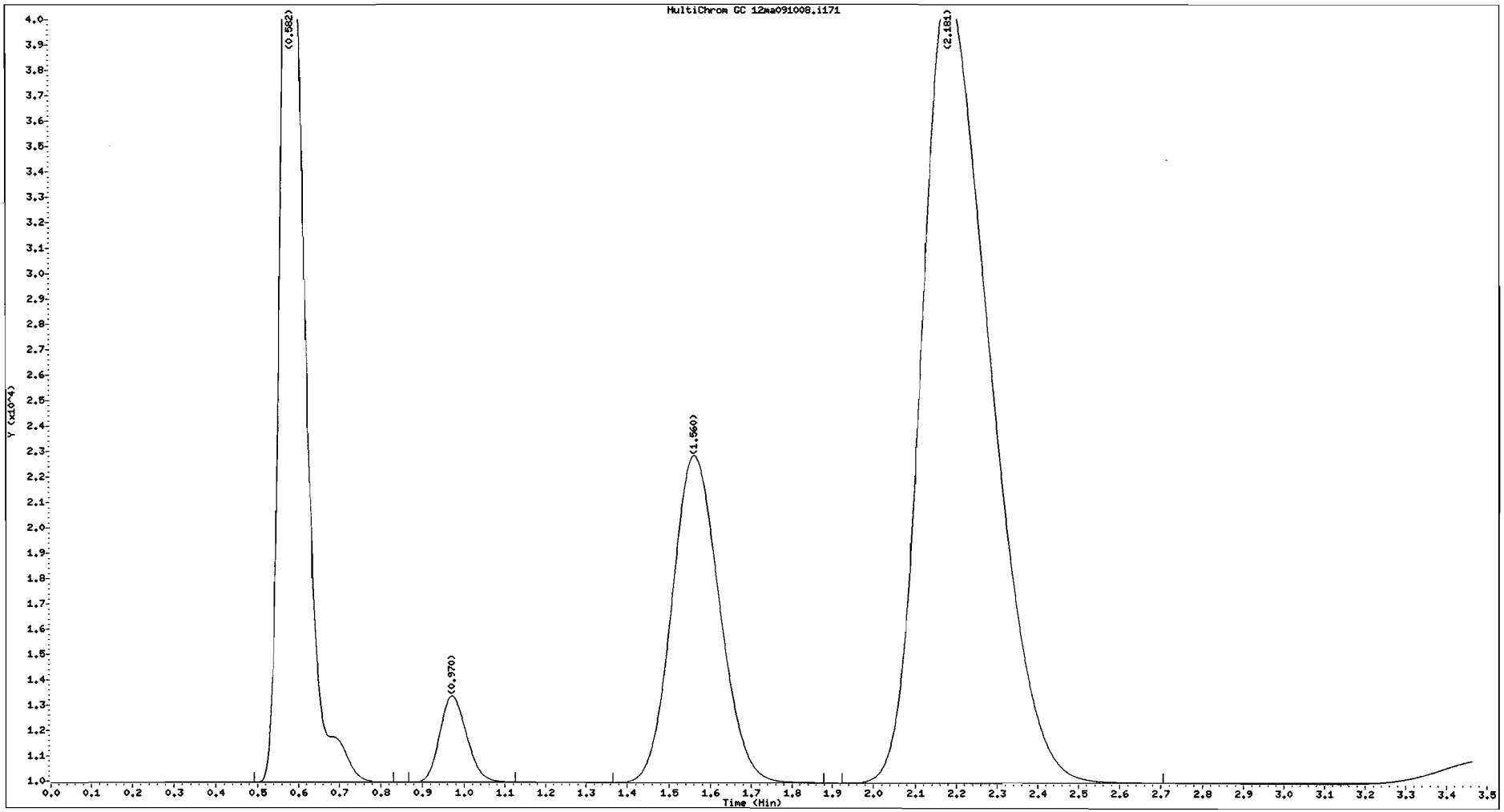
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.0	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787844	Client Sample ID: 90306VP-35V6.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:21
Instrument	: 2866_2.i	Dilution Factor	: 1.20
Column	: CTR-1	Data File	: 12ma091008-r171.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787844	Client Sample ID: 90306VP-35V6.5N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:21
Instrument	: 2866_2.i	Dilution Factor	: 1.20
Column	: CTR-1	Data File	: 12ma091008-r171.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.582			2439871	40025			
2	0.970			230760	3398			
3	1.560			1557267	12884			
4	2.181			5431517	31152			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

90306VP-36V7N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: 787845

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA091008-R181

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

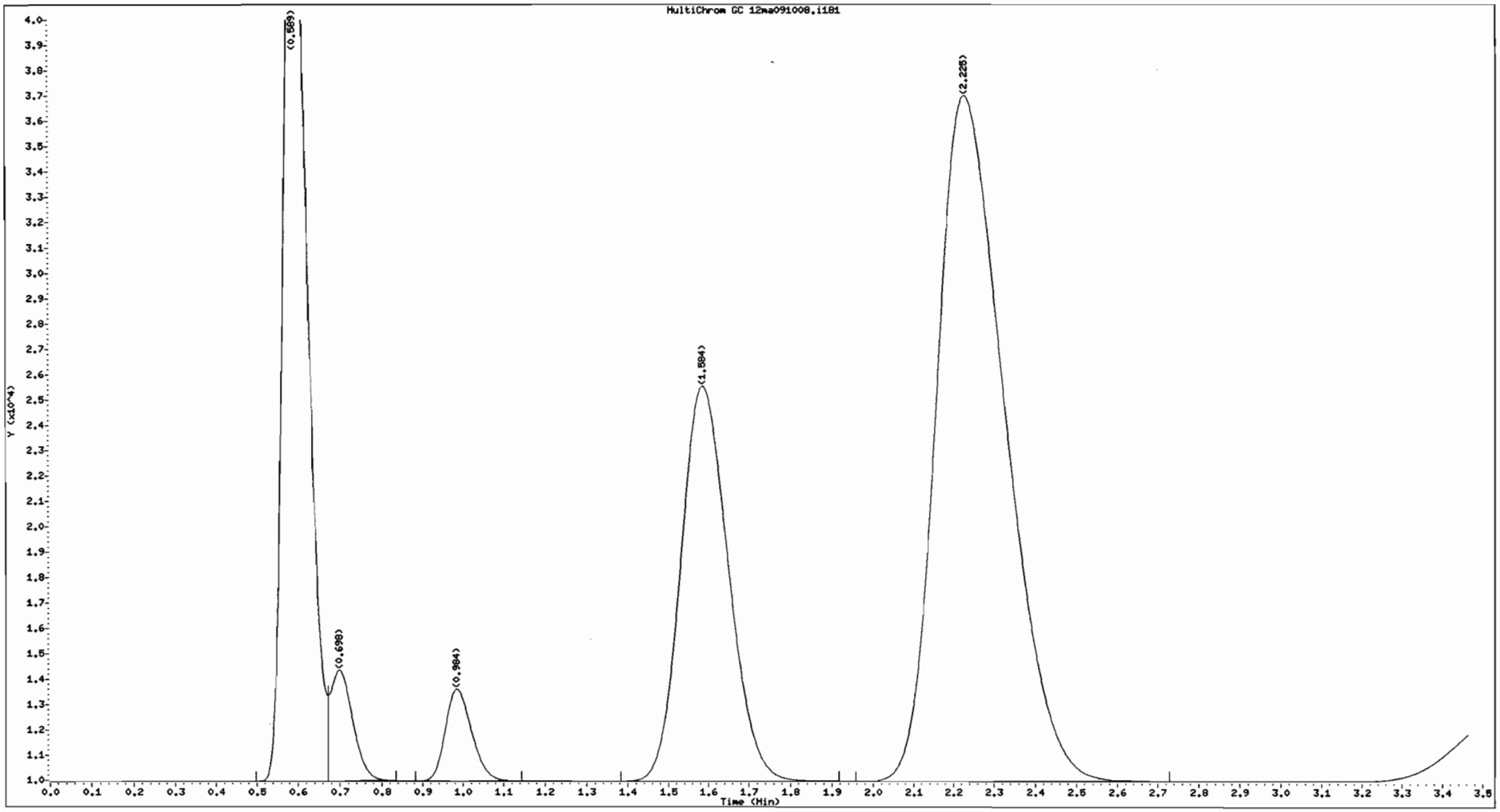
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 787845	Client Sample ID: 90306VP-36V7N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:25
Instrument	: 2866_2.i	Dilution Factor	: 1.30
Column	: CTR-1	Data File	: 12ma091008-r181.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 787845	Client Sample ID: 90306VP-36V7N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 12-MAR-2009 11:25
Instrument	: 2866_2.i	Dilution Factor	: 1.30
Column	: CTR-1	Data File	: 12ma091008-r181.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/130551.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:47 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.589			2257184	37237			
2	0.698			254017	4384			
3	0.984			249752	3641			
4	1.584			1934904	15577			
5	2.225			4797238	27040			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

Raw QC Data – ASTM D1946

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLKC031209A

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: MBLKC031209A

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA090931-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

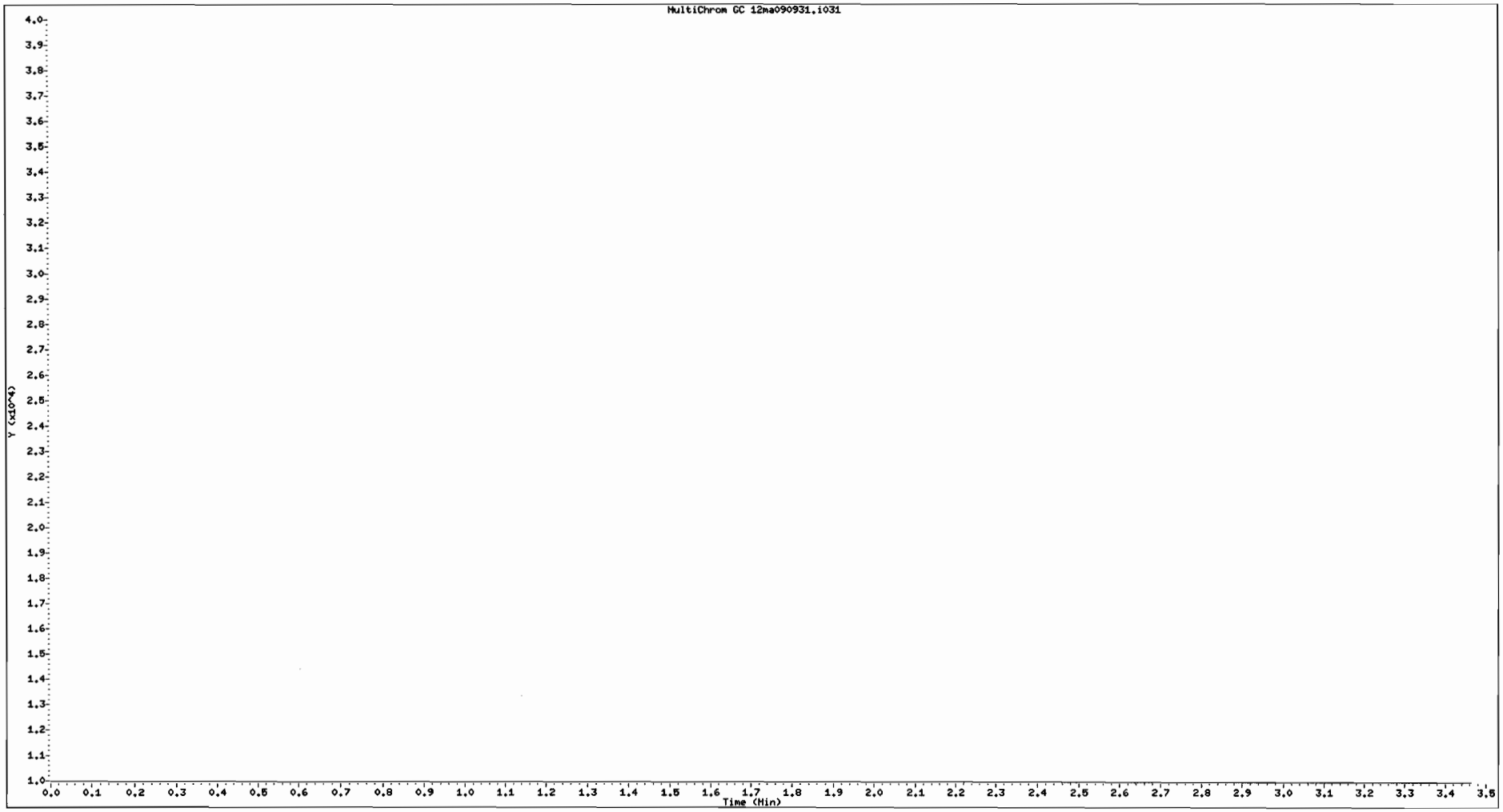
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	1.7	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: MBLKC031209A	Client Sample ID: MBLKC031209A

Matrix	: AIR	Sample Type	: BLANK
Analyst	: JH2	Injection Date	: 12-MAR-2009 09:42
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 12ma090931-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/12MAR090931.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:22 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: MBLKC031209A	Client Sample ID: MBLKC031209A

Matrix	: AIR	Sample Type	: BLANK
Analyst	: JH2	Injection Date	: 12-MAR-2009 09:42
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 12ma090931-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/12MAR090931.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:22 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
	0.940	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

C031209ALCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130551

Matrix: (soil/water) AIR Lab Sample ID: C031209ALCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12MA090931-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/12/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

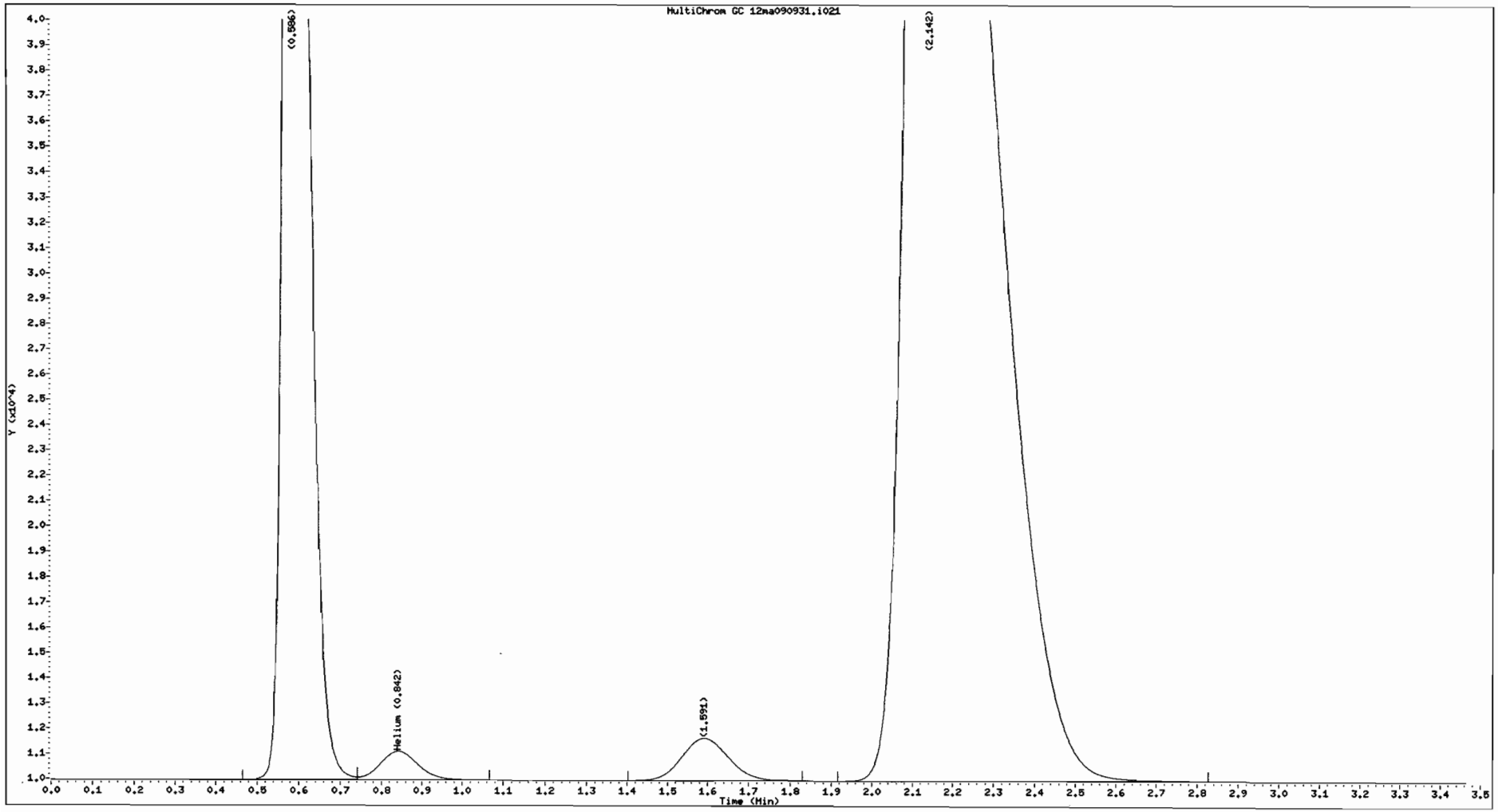
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	6.8	

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: C031209ALCS	Client Sample ID: C031209ALCS

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 12-MAR-2009 09:38
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 12ma090931-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/12MAR090931.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:22 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: C031209ALCS	Client Sample ID: C031209ALCS

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 12-MAR-2009 09:38
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 12ma090931-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/022109_1/12MAR090931.b/ASTM_He.m		
Reported	: 23-Mar-2009 15:22 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.586			4251060	79566		M	
2	0.842	0.940	-0.099	111914	1134	6.79078557	M	Helium
3	1.591			203563	1683			
4	2.142			12716963	66779			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
0.842	0.940	Helium

Sample Preparation – ASTM D1946

TestAmerica Burlington - Manual Integration Summary
SDG: 21FEB091056 Fraction: GC Extractable

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename		
	Peak RT	Compound			Manual Integration Flag		Analyst Date-Time	Sign-Off
AL1	CAL1	INIT. CALIB.	2866_2	CTR-1	21-FEB-2009 10:59	21FEB091056-R011		
	0.940	Helium			MI1 - Poor automated baseline		jh2 02/21/09 11:59	JHr 2/21/09
AL2	CAL2	INIT. CALIB.	2866_2	CTR-1	21-FEB-2009 11:03	21FEB091056-R021		
	0.946	Helium			MI1 - Poor automated baseline		jh2 02/21/09 12:00	
AL3	CAL3	INIT. CALIB.	2866_2	CTR-1	21-FEB-2009 11:07	21FEB091056-R031		
	0.940	Helium			MI1 - Poor automated baseline		jh2 02/21/09 11:57	

ummary Generated: jh2 02/21/2009 12:25 Secondary Review(1): _____ | 02/27/09 Secondary Review(2): _____ | _____ Page 1

TestAmerica Burlington - Manual Integration Summary
SDG: 130551 Fraction: GC Extractable

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	Analyst Date-Time	Sign-Off
:031209ALCS	C031209ALCS	LCS	2866_2 CTR-1		12-MAR-2009 09:38	12MA090931-R021
	0.842	Helium			MI1 - Poor automated baseline	jh2 03/12/09 09:57	JH2 3/12/09

ummary Generated: jh2 03/12/2009 15:41 Secondary Review(1): _____|_____ Secondary Review(2): _____|_____ Page 1

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: Geoff Arbogast	Samples Collected By: F. Bridge M. Clark	1 of 4 COCs
Company: URS Corporation	Phone: 215.367.2500		
Address: 335 Commerce Dr	Email: geoff_arbogast@URSCORP.com		
City/State/Zip: Ft. Washington, PA 19034			
Phone: 215.367.2500	Site Contact: Carl Coker		
FAX: 215.367.1000	STL Contact: Tom Tonico		
Project Name: Rohm + Haas (Philo.)	Analysis Turnaround Time		
Site: Rohm + Haas (Philo.)	Standard (Specify)		
PO # 4501493030 / Quote# 46001757-1	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	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)
20090226VP-20V1.5@N	2-26	1259	1359	26"	1"	3983	555656						X				X		
20090227VP-21V3@N	2-27	0810	0940	30"	1"	4206	6339						↓				↓		
20090227VP-23V3.5@N	2-27	0855	1040	30"	4"	6655	4536												
20090227VP-22V3@N	2-27	0830	1050	30"	2"	5266	3062												
20090304VP-25V6@N	3-4	0803	0850	28"	4"	2530	7306												
20090304VP-24V4@N	3-4	0833	1020	28"	2"	4496	7216						↓				↓		

Temperature (Fahrenheit)	Interior	Ambient
Start		Start Temp
Stop		

Pressure (Inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:
Report to: Emily Stroke (URS)
emily_stroke@urscorp.com

Invoice to: Carl Coker (Rohm+Haas) (Site Contact)

Analysis: TCLVOCs, Helium
Sample: 20090226VP-20V1.5@N filled in 1 hr. please check flow controller
Sample: 20090304VP-25V6@N filled in 50 min please check flow controller

Samples Shipped by:	Date/Time: 3-9-2009	Samples Received by: 3/9/09	1145
Samples Relinquished by:	Date/Time: 3/9/09 1145	Received by: 3/10/09	1020
Relinquished by:	Date/Time:	Received by:	

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

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

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

Client Contact Information
Company: URS Corporation
Address: 335 Commerce Dr
City/State/Zip: Ft. Washington, PA 19034
Phone: 215.367.2500
FAX: 215.367.1000
Project Name: Rohm + Haas (Philo.)
Site: Rohm + Haas (Philo.)
PO # 4501493030 / Quote # 46001757-1

Project Manager: Geoff Arbogast
Phone: 215.367.2500
Email: geoff_arbogast@URSCORP.com
Site Contact: Carl Coker
STL Contact: Tom Tonico

Analysis Turnaround Time
Standard (Specify)
Rush (Specify)

Samples Collected By: F. Bolduc / M. Clark

2 of 4 COCs

Sample Identification	Sample Date(s)	Time Start	Time Stop	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)
20090304VP-26V5.5@N	3-4	0900	1017	25	5	3116	7166						X				X		
20090304VP-30V5@N	3-4	1007	1120	28	4	3749	7218						↓				↓		
20090304VP-27V5@N	3-4	1105	1305	29	2	2831	7080												
20090304VP-28V3.5@N	3-4	1130	1322	30	4	2931	6911												
20090304VP-29V1.5@N	3-4	1305	1505	30	4	5617	4184												
20090305VP-31V4@N	3-5	0810	0950	30+	4	3787	6500						↓				↓		

Temperature (Fahrenheit)	Interior	Ambient
Start		32 start temp?
Stop		

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:
Report to: Emily Stroke (URS)
emily_stroke@urscorp.com

Invoice to: Carl Coker (Rohm+Haas) (Site Contact)

Analysis: TCL VOCs, Helium
Please check flow controller for 20090304VP-26V5.5@N

Samples Shipped by:	Date/Time: 3-9-2009	Samples Received by: 3/9/09	10:45
Samples Relinquished by:	Date/Time: 3/9/09 11:45	Received by: 3/10/09 1020	
Relinquished by:	Date/Time:	Received by:	

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

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

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

Client Contact Information
Company: URS Corporation
Address: 335 Commerce Dr
City/State/Zip: Ft. Washington, PA 19034
Phone: 215.367.2500
FAX: 215.367.1000
Project Name: Rohm + Haas (Philo.)
Site: Rohm + Haas (Philo.)
PO # 4501493030 / Quote# 46801757-1

Project Manager: Geoff Arbogast
Phone: 215.367.2500
Email: geoff_arbogast@URSCORP.com
Site Contact: Carl Coker
STL Contact: Tom Tonico

Analysis Turnaround Time
Standard (Specify) RM
Rush (Specify)

Samples Collected By: T. Bridge / M. Clark

3 of 4 COCs

Sample Identification	Sample Date(s)	Time Start	Time Stop	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)
20090305VP-32V2@N	3-5	0822	1015	29"	2"	4051	6714						X				X		
20090305VP-34V2@N	3-5	0913	1005	30	2"	3128	1615						↓				↓		
20090305VP-37V11.5@N	3-5	1110	1337	30+	4"	3126	6702												
20090305VP-38V11.5@N	3-5	1157	1300	29	2"	3467	6710												
20090305VP-39V7.5@N	3-5	1230	1417	30	2"	2774	3790												
20090306VP-33V3@N	3-6	0825	1020	29	1	3936	6328						↓				↓		

Temperature (Fahrenheit)

	Interior	Ambient
Start		see Start temp
Stop		

Pressure (Inches of Hg)

	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:
Report to: Emily Stroke (URS)
emily_stroke@urscorp.com

Invoice to: Carl Coker (Rohm+Haas) (Site Contact)

Analysis: TCL VOC's, Helium
Please check reg. (@ 2123) can filled in less than 2hrs
Please check reg (6-7hrs) can filled in less than 2hrs

Samples Shipped by:	Date/Time: 3-9-2009	Samples Received by:	3/9/09 10:45
Samples Relinquished by:	Date/Time: 3/9/09 1145	Received by:	3/10/09 1020
Relinquished by:	Date/Time:	Received by:	

Lab Use Only Shipper Name: Opened by: Condition:

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

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

Client Contact Information
Company: URS Corporation
Address: 335 Commerce Dr
City/State/Zip: Ft. Washington, PA 19034
Phone: 215.367.2500
FAX: 215.367.1000
Project Name: Rohm & Haas (Phila.)
Site: Rohm & Haas (Phila.)
PO # 4501493030 / Quote # 46001757-1

Project Manager: Geoff Arbogast
Phone: 215.367.2500
Email: geoff_arbogast@URSCORP.com
Site Contact: Carl Coker
STL Contact: Tom Tanico

Analysis Turnaround Time
Standard (Specify) ✓
Rush (Specify)

Samples Collected By: T. Bridge, M. Clark

4 of 4 COCs

Sample Identification	Sample Date(s)	Time Start	Time Stop	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)
20090306VP-35V65@N	3-6	0850	1050	30	4	44	621						X			X		
20090306VP-36V7@N	3-6	0914	1119	28	4	3188	6042						↓			↓		

Temperature (Fahrenheit)	Interior	Ambient
Start		See start temp
Stop		

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:
Report to: Emily Stroke (URS) emily_stroke@urscorp.com / Invoice to: Carl Coker (Rohm & Haas) (Site Contact) / Analysis: TCL VOC's, Helium

Samples Shipped by:	Date/Time: 3-9-2009	Samples Received by: 3/9/09	1045
Samples Relinquished by:	Date/Time: 3/9/09 1145	Received by: 3/10/09 1020	
Relinquished by:	Date/Time:	Received by:	

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

INSTRUMENT RUN LOG
INSTRUMENT ID: VR-3600

Project Reference: 020108	Test Method: ASTM D1946 = He	Nitrogen / Acetylene Lot#[2]:
Calibration Date: 022109-1	Instrument: Varian 3600 Type: Headspace	ICAL / CCV Lot #: AT12290801
Start Date: 02/21/09 Time: 1059	Channel 51 Column: Rt-UPLOT ☐ FID	ICV / LCS Lot #: AT12290802
End Date: 02/22/09 Time: 1059	Channel 52 Column: CTR-1 ☒ TCD	Other:

Injection #	Injection Time	Lab ID	Bottle Code	ETR	File Name	Dilution Factor	Conc.[1]	Analyst	Comments
1	1059	CAL1	4364		21FEB091056	1.0	✓	JHZ	
2	1103	CAL2	↓		↓	↓	✓	↓	
3	1107	CAL3					✓		ICAL
4	1111	CAL4					✓		
5	1117	CAL5	↓		↓	↓	✓		
1	1213	ICV	4813		21FEB091212	1.0	✓		
2	1216	MBLKL022109A	—		↓	↓	✓	↓	

[1] Concentration = Results are within calibration range

[2] Used to create headspace in field samples and the MB

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

INSTRUMENT RUN LOG
INSTRUMENT ID: VR-3600

Project Reference: 020109	Test Method: ASTM D1946 - He				Nitrogen / Acetylene Lot#[2]:
Calibration Date: 022109-1	Instrument: Varian 3600	Type:	Headspace		ICAL / CCV Lot #: AT1229 0801
Start Date: 03/12/09 Time: 0934	Channel 51 Column:	Rt-UPLOT	☐ FID		ICV / LCS Lot #: AT1229 0802
End Date: 3/13/09 Time: 0934	Channel 52 Column:	CTR-1	☒ TCD		Other:

Injection #	Injection Time	Lab ID	Bottle Code	ETR	File Name	Dilution Factor	Conc.[1]	Analyst	Comments
1	0934	CCV	4364		12MAR090931	1.0	✓	JH2	
2	0938	CO312090LCS	4813		↓	↓	✓	↓	
3	0942	MBLK0312090A			↓	↓	✓	↓	
1	1009	787826	3645	130551	12MAR091008	1.28	✓	↓	
2	1014	787827	4079	↓	↓	1.35	✓	↓	
3	1018	787828	3570	↓	↓	1.47	✓	↓	
4	1022	787829	2533	↓	↓	1.49	✓	↓	
5	1027	787830	4780	↓	↓	1.21	✓	↓	
6	1032	787831	4573	↓	↓	1.31	✓	↓	
7	1036	787832	3135	↓	↓	1.34	✓	↓	
8	1040	787833	4556	↓	↓	1.34	✓	↓	
9	1045	787834	2553	↓	↓	1.20	✓	↓	
10	1050	787835	4114	↓	↓	1.35	✓	↓	
11	1053	787836	2707	↓	↓	1.21	✓	↓	
12	1058	787838	4370	↓	↓	1.35	✓	↓	
13	1102	787840	4378	↓	↓	1.21	✓	↓	
14	1107	787841	4350	↓	↓	1.32	✓	↓	
15	1112	787842	3790	↓	↓	1.20	✓	↓	
16	1117	787843	4086	↓	↓	1.21	✓	↓	
17	1121	787844	4351	↓	↓	1.20	✓	↓	
18	1125	787845	3343	↓	↓	1.30	✓	↓	
1	1416	787837	4297	130551	12MAR091414	1.20	✓	↓	
2	1421	787839	3227	↓	↓	1.25	✓	↓	
1	1456	CCV	4364		12MAR091455	1.0	✓	↓	
							JH 3/12/09		

[1] Concentration = Results are within calibration range
[2] Used to create headspace in field samples and the MB

Legend: C=Complete • R=Reanalyze • = High • ↓= Low • ✓=Reviewed and Acceptable

BR-FAI008:08.13.08:6
TestAmerica

Sample Handling

From: Origin ID: KPDA (610) 337-9992
Sample Receipt
Test America
1008 West 9th Ave

King of Prussia, PA 19406

FedEx Express

Ship Date: 09MAR09
ActWgt: 36.0 LB
CAD: 8490299/INET9011
Account#: S *********

Delivery Address Bar Code

Ref #
Invoice #
PO #
Dept #

SHIP TO: (802) 660-1990 BILL RECIPIENT
Test America - Burlington
Test America - Burlington
30 COMMUNITY DR STE 11

SOUTH BURLINGTON, VT 05403

1 of 6 TUE - 10MAR AA
TRK# 0201 7973 9774 4550 PRIORITY OVERNIGHT
MASTER

SOUTH BURLINGTON, VT 05403

2 of 6 TUE - 10MAR AA
MPS# 0263 7973 9774 4593 PRIORITY OVERNIGHT
Mstr# 7973 9774 4550 0201

SOUTH BURLINGTON, VT 05403

3 of 6 TUE - 10MAR AA
MPS# 0263 7964 0945 4531 PRIORITY OVERNIGHT
Mstr# 7973 9774 4550 0201

4 of 6 TUE - 10MAR AA
MPS# 0263 7973 9774 4663 PRIORITY OVERNIGHT
Mstr# 7973 9774 4550 0201

ZF BTVA

05403
VT-US
BTV

5 of 6 TUE - 10MAR AA
MPS# 0263 7964 0945 4612 PRIORITY OVERNIGHT
Mstr# 7973 9774 4550 0201

ZF BTVA

05403
VT-US
BTV

6 of 6 TUE - 10MAR AA
MPS# 0263 7973 9774 4733 PRIORITY OVERNIGHT
Mstr# 7973 9774 4550 0201

ZF BTVA

05403
VT-US
BTV

TestAmerica Burlington

SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	ROHHAA	Date Received:	3/10/09	Log In Date:	03/10/09
ETR:	130551	Time Received:	1020	By:	
SDG:	130551	Received By:	GTM	Signature:	
Project:	29000	# Coolers Received:	6 Boxes	PM Signature:	
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)				Date:	3/20/09

List Air bill Number(s) or Attach a photocopy of the Air Bill:

COOLER SCREEN	YES	NO	NA	COMMENTS
There is no evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present		X		

If yes, list custody seal numbers:

Thermal Preservation Type: ☐ Wet Ice ☐ Blue Ice X None ☐ Other (specify)

IR Gun ID: 96 Correction Factor (CF) = -2 °C

Cooler 1:	°C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

AIR

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet			X	

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC		X		See below
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

Sample 20090304VP-30V5N lists an ID of 20090304VP-30V2N on label. ID from COC used for lgh. All sample IDs contain symbol @ on COC and labels. Symbol removed for lgh due to limitations in LIMS. Sample 20090226VP-20V1.5N lists no tests on label. end tests from COC used for lgh. Samples 20090227VP-21V3N, 20090227VP-23V3.5N, 20090304VP-25V6N, 20090304VP-27V5N, 20090304VP-28V3.5N, 20090304VP-29V1.5N, list only start tests on labels. End tests from COC used for lgh. Sample label for 20090304VP-29V1.5N has a write over in ID. ID from COC used for lgh. Sample 20090304VP-30V2N also has a write over on ID on label. ID from COC used for lgh. 1st container has write over in vacuum stop field for sample 20090304VP-25V6N. (was not tested)

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3rd COC contains a write over in ID field for sample 20090305VP-34V2N. 4th COC contains a series of improper lie outs in canister vaccuum, flow controller, and can ID fields.