TestAmerica
South Burlington, VT

Extended Data Package

130896

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

April 16, 2009

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

Re: Laboratory Project No. 29000
Case: 29000; SDG: 130896

Dear Mr. Arbogast:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on March 27th, 2009. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 03/27/09 ETR No: 130896		
790291	20090316VP-22V3	03/16/09	AIR
790292	20090316VP-21V3	03/16/09	AIR
790293	20090316VP-27V5	03/16/09	AIR
790294	20090324VP-20V3	03/24/09	AIR
790295	20090324VP-23V3.5	03/24/09	AIR
790296	20090324VP-24V4	03/24/09	AIR
790297	20090324VP-25V6	03/24/09	AIR
790298	20090324FD	03/24/09	AIR
790299	20090324VP-26V5.5	03/24/09	AIR
790300	20090324VP-28V3.5	03/24/09	AIR
790301	20090324VP-30V2	03/24/09	AIR
790302	20090324VP-29V1.5	03/24/09	AIR
790303	20090324VP-36V7	03/24/09	AIR
790304	20090325VP-39V9.5	03/25/09	AIR
790305	20090325VP-38V11.5	03/25/09	AIR
790306	20090325FD	03/25/09	AIR
790307	20090325VP-35V6.5	03/25/09	AIR
790308	20090325VP-33V3	03/25/09	AIR
790309	20090325VP-34V2	03/25/09	AIR
790310	20090325VP-31V4	03/25/09	AIR
790311	20090325VP-32V2	03/25/09	AIR
790312	20090325VP-37V11.5	03/25/09	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,

for

Don Dawicki
Project Manager

Chain of Custody **62**

QC Summary TO-15 Volatile **67**

Supportive Documentation TO-15 Volatile **89**

Standards TO-15 Volatile **368**

Raw QC Data TO-15 Volatile **424**

Sample Preparation TO-15 Volatile **480**

QC Summary ASTM D1946 ..... **497**

Supportive Documentation ASTM D1946 ..... **504**

Standards ASTM D1946 ..... **571**

Raw QC Data ASTM D1946 ..... **595**

Sample Preparation ASTM D1946 ..... **608**

Sample Handling **613**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090316VP-22V3

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 99.10

Sample Matrix: AIR

Lab Sample No.: 790291

Date Analyzed: 04/03/09

Date Received: 03/27/09

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	180		20	460		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	25		20	99		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	20	U	20	79	U	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	510		20	2000		79
Chloroform	67-66-3	26		20	130		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	24		20	97		81
Trichloroethene	79-01-6	190		20	1000		110
1,2-Dichloropropane	78-87-5	66		20	310		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	20		20	75		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	2700		20	18000		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	20	U	20	92	U	92
Ethylbenzene	100-41-4	20	U	20	87	U	87
Xylene (m,p)	1330-20-7	50	U	50	220	U	220
Xylene (o)	95-47-6	20	U	20	87	U	87
Styrene	100-42-5	20	U	20	85	U	85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090316VP-22V3

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 99.10

Sample Matrix: AIR

Lab Sample No.: 790291

Date Analyzed: 04/03/09

Date Received: 03/27/09

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

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090316VP-21V3

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 12.10

Sample Matrix: AIR

Lab Sample No.: 790292

Date Analyzed: 04/02/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	6.1	U	6.1	13	U	13
Vinyl Chloride	75-01-4	2.4	U	2.4	6.1	U	6.1
Bromomethane	74-83-9	2.4	U	2.4	9.3	U	9.3
Chloroethane	75-00-3	6.1	U	6.1	16	U	16
1,1-Dichloroethene	75-35-4	2.4	U	2.4	9.5	U	9.5
Acetone	67-64-1	61	U	61	140	U	140
Carbon Disulfide	75-15-0	15		6.1	47		19
Methylene Chloride	75-09-2	6.1	U	6.1	21	U	21
trans-1,2-Dichloroethene	156-60-5	3.7		2.4	15		9.5
1,1-Dichloroethane	75-34-3	2.4	U	2.4	9.7	U	9.7
Methyl Ethyl Ketone	78-93-3	6.1	U	6.1	18	U	18
cis-1,2-Dichloroethene	156-59-2	9.3		2.4	37		9.5
Chloroform	67-66-3	7.1		2.4	35		12
1,1,1-Trichloroethane	71-55-6	2.4	U	2.4	13	U	13
Carbon Tetrachloride	56-23-5	2.4	U	2.4	15	U	15
Benzene	71-43-2	2.4	U	2.4	7.7	U	7.7
1,2-Dichloroethane	107-06-2	52		2.4	210		9.7
Trichloroethene	79-01-6	2.7		2.4	15		13
1,2-Dichloropropane	78-87-5	2.4	U	2.4	11	U	11
Bromodichloromethane	75-27-4	2.4	U	2.4	16	U	16
cis-1,3-Dichloropropene	10061-01-5	2.4	U	2.4	11	U	11
Methyl Isobutyl Ketone	108-10-1	6.1	U	6.1	25	U	25
Toluene	108-88-3	3.1		2.4	12		9.0
trans-1,3-Dichloropropene	10061-02-6	2.4	U	2.4	11	U	11
1,1,2-Trichloroethane	79-00-5	2.4	U	2.4	13	U	13
Tetrachloroethene	127-18-4	8.4		2.4	57		16
Methyl Butyl Ketone	591-78-6	6.1	U	6.1	25	U	25
Dibromochloromethane	124-48-1	2.4	U	2.4	20	U	20
Chlorobenzene	108-90-7	2.4	U	2.4	11	U	11
Ethylbenzene	100-41-4	2.4	U	2.4	10	U	10
Xylene (m,p)	1330-20-7	6.1	U	6.1	26	U	26
Xylene (o)	95-47-6	2.4	U	2.4	10	U	10
Styrene	100-42-5	2.4	U	2.4	10	U	10

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Result Summary

CLIENT SAMPLE NO.

20090316VP-21V3

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 12.10

Sample Matrix: AIR

Lab Sample No.: 790292

Date Analyzed: 04/02/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	2.4	U	2.4	25	U	25
1,1,2,2-Tetrachloroethane	79-34-5	2.4	U	2.4	16	U	16

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Result Summary

CLIENT SAMPLE NO.

20090316VP-27V5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 3670.00

Sample Matrix: AIR

Lab Sample No.: 790293

Date Analyzed: 04/03/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	1800	U	1800	3700	U	3700
Vinyl Chloride	75-01-4	730	U	730	1900	U	1900
Bromomethane	74-83-9	730	U	730	2800	U	2800
Chloroethane	75-00-3	1800	U	1800	4700	U	4700
1,1-Dichloroethene	75-35-4	730	U	730	2900	U	2900
Acetone	67-64-1	18000	U	18000	43000	U	43000
Carbon Disulfide	75-15-0	1800	U	1800	5600	U	5600
Methylene Chloride	75-09-2	1800	U	1800	6300	U	6300
trans-1,2-Dichloroethene	156-60-5	1600		730	6300		2900
1,1-Dichloroethane	75-34-3	730	U	730	3000	U	3000
Methyl Ethyl Ketone	78-93-3	1800	U	1800	5300	U	5300
cis-1,2-Dichloroethene	156-59-2	97000		730	380000		2900
Chloroform	67-66-3	730	U	730	3600	U	3600
1,1,1-Trichloroethane	71-55-6	730	U	730	4000	U	4000
Carbon Tetrachloride	56-23-5	730	U	730	4600	U	4600
Benzene	71-43-2	730	U	730	2300	U	2300
1,2-Dichloroethane	107-06-2	730	U	730	3000	U	3000
Trichloroethene	79-01-6	16000		730	86000		3900
1,2-Dichloropropane	78-87-5	730	U	730	3400	U	3400
Bromodichloromethane	75-27-4	730	U	730	4900	U	4900
cis-1,3-Dichloropropene	10061-01-5	730	U	730	3300	U	3300
Methyl Isobutyl Ketone	108-10-1	1800	U	1800	7400	U	7400
Toluene	108-88-3	730	U	730	2800	U	2800
trans-1,3-Dichloropropene	10061-02-6	730	U	730	3300	U	3300
1,1,2-Trichloroethane	79-00-5	730	U	730	4000	U	4000
Tetrachloroethene	127-18-4	140000		730	950000		5000
Methyl Butyl Ketone	591-78-6	1800	U	1800	7400	U	7400
Dibromochloromethane	124-48-1	730	U	730	6200	U	6200
Chlorobenzene	108-90-7	730	U	730	3400	U	3400
Ethylbenzene	100-41-4	730	U	730	3200	U	3200
Xylene (m,p)	1330-20-7	1800	U	1800	7800	U	7800
Xylene (o)	95-47-6	730	U	730	3200	U	3200
Styrene	100-42-5	730	U	730	3100	U	3100

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Result Summary

CLIENT SAMPLE NO.

20090316VP-27V5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 3670.00

Sample Matrix: AIR

Lab Sample No.: 790293

Date Analyzed: 04/03/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	730	U	730	7500	U	7500
1,1,2,2-Tetrachloroethane	79-34-5	730	U	730	5000	U	5000

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Result Summary

CLIENT SAMPLE NO.

20090324VP-20V3

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 7.55

Sample Matrix: AIR

Lab Sample No.: 790294

Date Analyzed: 04/02/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	3.8	U	3.8	7.8	U	7.8
Vinyl Chloride	75-01-4	1.5	U	1.5	3.8	U	3.8
Bromomethane	74-83-9	1.5	U	1.5	5.8	U	5.8
Chloroethane	75-00-3	3.8	U	3.8	10	U	10
1,1-Dichloroethene	75-35-4	1.5	U	1.5	5.9	U	5.9
Acetone	67-64-1	38	U	38	90	U	90
Carbon Disulfide	75-15-0	12		3.8	37		12
Methylene Chloride	75-09-2	3.8	U	3.8	13	U	13
trans-1,2-Dichloroethene	156-60-5	1.5	U	1.5	5.9	U	5.9
1,1-Dichloroethane	75-34-3	12		1.5	49		6.1
Methyl Ethyl Ketone	78-93-3	3.8	U	3.8	11	U	11
cis-1,2-Dichloroethene	156-59-2	1.5	U	1.5	5.9	U	5.9
Chloroform	67-66-3	2.2		1.5	11		7.3
1,1,1-Trichloroethane	71-55-6	150		1.5	820		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	1.5	U	1.5	6.1	U	6.1
Trichloroethene	79-01-6	1.5	U	1.5	8.1	U	8.1
1,2-Dichloropropane	78-87-5	1.5	U	1.5	6.9	U	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	3.8	U	3.8	16	U	16
Toluene	108-88-3	8.8		1.5	33		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	1.5	U	1.5	10	U	10
Methyl Butyl Ketone	591-78-6	3.8	U	3.8	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	4.3		3.8	19		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

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090324VP-20V3

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 7.55

Sample Matrix: AIR

Lab Sample No.: 790294

Date Analyzed: 04/02/09

Date Received: 03/27/09

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

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Result Summary

CLIENT SAMPLE NO.

20090324VP-23V3.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 15300.00

Sample Matrix: AIR

Lab Sample No.: 790295

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	7700	U	7700	16000	U	16000
Vinyl Chloride	75-01-4	3100	U	3100	7900	U	7900
Bromomethane	74-83-9	3100	U	3100	12000	U	12000
Chloroethane	75-00-3	7700	U	7700	20000	U	20000
1,1-Dichloroethene	75-35-4	3100	U	3100	12000	U	12000
Acetone	67-64-1	77000	U	77000	180000	U	180000
Carbon Disulfide	75-15-0	13000		7700	40000		24000
Methylene Chloride	75-09-2	7700	U	7700	27000	U	27000
trans-1,2-Dichloroethene	156-60-5	3100	U	3100	12000	U	12000
1,1-Dichloroethane	75-34-3	3100	U	3100	13000	U	13000
Methyl Ethyl Ketone	78-93-3	7700	U	7700	23000	U	23000
cis-1,2-Dichloroethene	156-59-2	3100	U	3100	12000	U	12000
Chloroform	67-66-3	3100	U	3100	15000	U	15000
1,1,1-Trichloroethane	71-55-6	3100	U	3100	17000	U	17000
Carbon Tetrachloride	56-23-5	3100	U	3100	20000	U	20000
Benzene	71-43-2	5600		3100	18000		9900
1,2-Dichloroethane	107-06-2	3100	U	3100	13000	U	13000
Trichloroethene	79-01-6	3100	U	3100	17000	U	17000
1,2-Dichloropropane	78-87-5	3100	U	3100	14000	U	14000
Bromodichloromethane	75-27-4	3100	U	3100	21000	U	21000
cis-1,3-Dichloropropene	10061-01-5	3100	U	3100	14000	U	14000
Methyl Isobutyl Ketone	108-10-1	7700	U	7700	32000	U	32000
Toluene	108-88-3	520000		3100	2000000		12000
trans-1,3-Dichloropropene	10061-02-6	3100	U	3100	14000	U	14000
1,1,2-Trichloroethane	79-00-5	3100	U	3100	17000	U	17000
Tetrachloroethene	127-18-4	3100	U	3100	21000	U	21000
Methyl Butyl Ketone	591-78-6	7700	U	7700	32000	U	32000
Dibromochloromethane	124-48-1	3100	U	3100	26000	U	26000
Chlorobenzene	108-90-7	3100	U	3100	14000	U	14000
Ethylbenzene	100-41-4	3100	U	3100	13000	U	13000
Xylene (m,p)	1330-20-7	7700	U	7700	33000	U	33000
Xylene (o)	95-47-6	3100	U	3100	13000	U	13000
Styrene	100-42-5	3100	U	3100	13000	U	13000

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090324VP-23V3.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 15300.00

Sample Matrix: AIR

Lab Sample No.: 790295

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	3100	U	3100	32000	U	32000
1,1,2,2-Tetrachloroethane	79-34-5	3100	U	3100	21000	U	21000

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Result Summary

CLIENT SAMPLE NO.

20090324VP-24V4

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 12.60

Sample Matrix: AIR

Lab Sample No.: 790296

Date Analyzed: 04/02/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	6.3	U	6.3	13	U	13
Vinyl Chloride	75-01-4	13		2.5	33		6.4
Bromomethane	74-83-9	2.5	U	2.5	9.7	U	9.7
Chloroethane	75-00-3	6.3	U	6.3	17	U	17
1,1-Dichloroethene	75-35-4	2.5	U	2.5	9.9	U	9.9
Acetone	67-64-1	63	U	63	150	U	150
Carbon Disulfide	75-15-0	7.9		6.3	25		20
Methylene Chloride	75-09-2	6.3	U	6.3	22	U	22
trans-1,2-Dichloroethene	156-60-5	2.5	U	2.5	9.9	U	9.9
1,1-Dichloroethane	75-34-3	2.5	U	2.5	10	U	10
Methyl Ethyl Ketone	78-93-3	6.3	U	6.3	19	U	19
cis-1,2-Dichloroethene	156-59-2	2.5	U	2.5	9.9	U	9.9
Chloroform	67-66-3	2.5	U	2.5	12	U	12
1,1,1-Trichloroethane	71-55-6	2.5	U	2.5	14	U	14
Carbon Tetrachloride	56-23-5	2.5	U	2.5	16	U	16
Benzene	71-43-2	2.7		2.5	8.6		8.0
1,2-Dichloroethane	107-06-2	37		2.5	150		10
Trichloroethene	79-01-6	2.5	U	2.5	13	U	13
1,2-Dichloropropane	78-87-5	2.5	U	2.5	12	U	12
Bromodichloromethane	75-27-4	2.5	U	2.5	17	U	17
cis-1,3-Dichloropropene	10061-01-5	2.5	U	2.5	11	U	11
Methyl Isobutyl Ketone	108-10-1	6.3	U	6.3	26	U	26
Toluene	108-88-3	27		2.5	100		9.4
trans-1,3-Dichloropropene	10061-02-6	2.5	U	2.5	11	U	11
1,1,2-Trichloroethane	79-00-5	2.5	U	2.5	14	U	14
Tetrachloroethene	127-18-4	2.5	U	2.5	17	U	17
Methyl Butyl Ketone	591-78-6	6.3	U	6.3	26	U	26
Dibromochloromethane	124-48-1	2.5	U	2.5	21	U	21
Chlorobenzene	108-90-7	2.5	U	2.5	12	U	12
Ethylbenzene	100-41-4	5.0		2.5	22		11
Xylene (m,p)	1330-20-7	14		6.3	61		27
Xylene (o)	95-47-6	5.1		2.5	22		11
Styrene	100-42-5	2.5	U	2.5	11	U	11

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090324VP-24V4

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 12.60

Sample Matrix: AIR

Lab Sample No.: 790296

Date Analyzed: 04/02/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	2.5	U	2.5	26	U	26
1,1,2,2-Tetrachloroethane	79-34-5	2.5	U	2.5	17	U	17

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Result Summary

CLIENT SAMPLE NO.

20090324VP-25V6

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 10200.00

Sample Matrix: AIR

Lab Sample No.: 790297

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	5100	U	5100	11000	U	11000
Vinyl Chloride	75-01-4	2000	U	2000	5100	U	5100
Bromomethane	74-83-9	2000	U	2000	7800	U	7800
Chloroethane	75-00-3	5100	U	5100	13000	U	13000
1,1-Dichloroethene	75-35-4	2000	U	2000	7900	U	7900
Acetone	67-64-1	51000	U	51000	120000	U	120000
Carbon Disulfide	75-15-0	5100	U	5100	16000	U	16000
Methylene Chloride	75-09-2	5100	U	5100	18000	U	18000
trans-1,2-Dichloroethene	156-60-5	2000	U	2000	7900	U	7900
1,1-Dichloroethane	75-34-3	2000	U	2000	8100	U	8100
Methyl Ethyl Ketone	78-93-3	5100	U	5100	15000	U	15000
cis-1,2-Dichloroethene	156-59-2	2000	U	2000	7900	U	7900
Chloroform	67-66-3	2000	U	2000	9800	U	9800
1,1,1-Trichloroethane	71-55-6	2000	U	2000	11000	U	11000
Carbon Tetrachloride	56-23-5	2000	U	2000	13000	U	13000
Benzene	71-43-2	2000	U	2000	6400	U	6400
1,2-Dichloroethane	107-06-2	2000	U	2000	8100	U	8100
Trichloroethene	79-01-6	2000	U	2000	11000	U	11000
1,2-Dichloropropane	78-87-5	2000	U	2000	9200	U	9200
Bromodichloromethane	75-27-4	2000	U	2000	13000	U	13000
cis-1,3-Dichloropropene	10061-01-5	2000	U	2000	9100	U	9100
Methyl Isobutyl Ketone	108-10-1	5100	U	5100	21000	U	21000
Toluene	108-88-3	290000		2000	1100000		7500
trans-1,3-Dichloropropene	10061-02-6	2000	U	2000	9100	U	9100
1,1,2-Trichloroethane	79-00-5	2000	U	2000	11000	U	11000
Tetrachloroethene	127-18-4	2000	U	2000	14000	U	14000
Methyl Butyl Ketone	591-78-6	5100	U	5100	21000	U	21000
Dibromochloromethane	124-48-1	2000	U	2000	17000	U	17000
Chlorobenzene	108-90-7	2000	U	2000	9200	U	9200
Ethylbenzene	100-41-4	2000	U	2000	8700	U	8700
Xylene (m,p)	1330-20-7	6300		5100	27000		22000
Xylene (o)	95-47-6	2000	U	2000	8700	U	8700
Styrene	100-42-5	2000	U	2000	8500	U	8500

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Result Summary

CLIENT SAMPLE NO.

20090324VP-25V6

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 10200.00

Sample Matrix: AIR

Lab Sample No.: 790297

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	2000	U	2000	21000	U	21000
1,1,2,2-Tetrachloroethane	79-34-5	2000	U	2000	14000	U	14000

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Result Summary

CLIENT SAMPLE NO.

20090324FD

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 11600.00

Sample Matrix: AIR

Lab Sample No.: 790298

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	5800	U	5800	12000	U	12000
Vinyl Chloride	75-01-4	2300	U	2300	5900	U	5900
Bromomethane	74-83-9	2300	U	2300	8900	U	8900
Chloroethane	75-00-3	5800	U	5800	15000	U	15000
1,1-Dichloroethene	75-35-4	2300	U	2300	9100	U	9100
Acetone	67-64-1	58000	U	58000	140000	U	140000
Carbon Disulfide	75-15-0	5800	U	5800	18000	U	18000
Methylene Chloride	75-09-2	5800	U	5800	20000	U	20000
trans-1,2-Dichloroethene	156-60-5	2300	U	2300	9100	U	9100
1,1-Dichloroethane	75-34-3	2300	U	2300	9300	U	9300
Methyl Ethyl Ketone	78-93-3	5800	U	5800	17000	U	17000
cis-1,2-Dichloroethene	156-59-2	2300	U	2300	9100	U	9100
Chloroform	67-66-3	2300	U	2300	11000	U	11000
1,1,1-Trichloroethane	71-55-6	2300	U	2300	13000	U	13000
Carbon Tetrachloride	56-23-5	2300	U	2300	14000	U	14000
Benzene	71-43-2	2300	U	2300	7300	U	7300
1,2-Dichloroethane	107-06-2	2300	U	2300	9300	U	9300
Trichloroethene	79-01-6	2300	U	2300	12000	U	12000
1,2-Dichloropropane	78-87-5	2300	U	2300	11000	U	11000
Bromodichloromethane	75-27-4	2300	U	2300	15000	U	15000
cis-1,3-Dichloropropene	10061-01-5	2300	U	2300	10000	U	10000
Methyl Isobutyl Ketone	108-10-1	5800	U	5800	24000	U	24000
Toluene	108-88-3	320000		2300	1200000		8700
trans-1,3-Dichloropropene	10061-02-6	2300	U	2300	10000	U	10000
1,1,2-Trichloroethane	79-00-5	2300	U	2300	13000	U	13000
Tetrachloroethene	127-18-4	2300	U	2300	16000	U	16000
Methyl Butyl Ketone	591-78-6	5800	U	5800	24000	U	24000
Dibromochloromethane	124-48-1	2300	U	2300	20000	U	20000
Chlorobenzene	108-90-7	2300	U	2300	11000	U	11000
Ethylbenzene	100-41-4	2300	U	2300	10000	U	10000
Xylene (m,p)	1330-20-7	7600		5800	33000		25000
Xylene (o)	95-47-6	2300	U	2300	10000	U	10000
Styrene	100-42-5	2300	U	2300	9800	U	9800

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Result Summary

CLIENT SAMPLE NO.

20090324FD

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 11600.00

Sample Matrix: AIR

Lab Sample No.: 790298

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	2300	U	2300	24000	U	24000
1,1,2,2-Tetrachloroethane	79-34-5	2300	U	2300	16000	U	16000

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Result Summary

CLIENT SAMPLE NO.

20090324VP-26V5.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 5.00

Sample Matrix: AIR

Lab Sample No.: 790299

Date Analyzed: 04/02/09

Date Received: 03/27/09

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	1.0	U	1.0	2.6	U	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		25	59		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	1.0	U	1.0	4.0	U	4.0
1,1-Dichloroethane	75-34-3	1.6		1.0	6.5		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	130		1.0	630		4.9
1,1,1-Trichloroethane	71-55-6	9.0		1.0	49		5.5
Carbon Tetrachloride	56-23-5	12		1.0	75		6.3
Benzene	71-43-2	1.3		1.0	4.2		3.2
1,2-Dichloroethane	107-06-2	11		1.0	45		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	31		1.0	120		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	3.5		1.0	24		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	28		1.0	120		4.3
Xylene (m,p)	1330-20-7	95		2.5	410		11
Xylene (o)	95-47-6	38		1.0	170		4.3
Styrene	100-42-5	1.0	U	1.0	4.3	U	4.3

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Result Summary

CLIENT SAMPLE NO.

20090324VP-26V5.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 5.00

Sample Matrix: AIR

Lab Sample No.: 790299

Date Analyzed: 04/02/09

Date Received: 03/27/09

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

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090324VP-28V3.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 92.80

Sample Matrix: AIR

Lab Sample No.: 790300

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	46	U	46	95	U	95
Vinyl Chloride	75-01-4	3600		19	9200		49
Bromomethane	74-83-9	19	U	19	74	U	74
Chloroethane	75-00-3	46	U	46	120	U	120
1,1-Dichloroethene	75-35-4	19	U	19	75	U	75
Acetone	67-64-1	460	U	460	1100	U	1100
Carbon Disulfide	75-15-0	46	U	46	140	U	140
Methylene Chloride	75-09-2	46	U	46	160	U	160
trans-1,2-Dichloroethene	156-60-5	20		19	79		75
1,1-Dichloroethane	75-34-3	100		19	400		77
Methyl Ethyl Ketone	78-93-3	46	U	46	140	U	140
cis-1,2-Dichloroethene	156-59-2	69		19	270		75
Chloroform	67-66-3	66		19	320		93
1,1,1-Trichloroethane	71-55-6	19	U	19	100	U	100
Carbon Tetrachloride	56-23-5	19	U	19	120	U	120
Benzene	71-43-2	19	U	19	61	U	61
1,2-Dichloroethane	107-06-2	510		19	2100		77
Trichloroethene	79-01-6	72		19	390		100
1,2-Dichloropropane	78-87-5	19	U	19	88	U	88
Bromodichloromethane	75-27-4	19	U	19	130	U	130
cis-1,3-Dichloropropene	10061-01-5	19	U	19	86	U	86
Methyl Isobutyl Ketone	108-10-1	46	U	46	190	U	190
Toluene	108-88-3	76		19	290		72
trans-1,3-Dichloropropene	10061-02-6	19	U	19	86	U	86
1,1,2-Trichloroethane	79-00-5	19	U	19	100	U	100
Tetrachloroethene	127-18-4	22		19	150		130
Methyl Butyl Ketone	591-78-6	46	U	46	190	U	190
Dibromochloromethane	124-48-1	19	U	19	160	U	160
Chlorobenzene	108-90-7	20		19	92		87
Ethylbenzene	100-41-4	19	U	19	83	U	83
Xylene (m,p)	1330-20-7	46	U	46	200	U	200
Xylene (o)	95-47-6	19	U	19	83	U	83
Styrene	100-42-5	19	U	19	81	U	81

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090324VP-28V3.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 92.80

Sample Matrix: AIR

Lab Sample No.: 790300

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	19	U	19	200	U	200
1,1,2,2-Tetrachloroethane	79-34-5	19	U	19	130	U	130

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Result Summary

CLIENT SAMPLE NO.

20090324VP-30V2

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 790301

Date Analyzed: 04/02/09

Date Received: 03/27/09

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	230		2.0	590		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	5.0	U	5.0	16	U	16
Methylene Chloride	75-09-2	18		5.0	63		17
trans-1,2-Dichloroethene	156-60-5	95		2.0	380		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	6.6		2.0	26		7.9
Chloroform	67-66-3	6.7		2.0	33		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	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	5.0		2.0	20		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	33		2.0	120		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	6.8		2.0	46		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	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	3.1		2.0	13		8.7
Xylene (m,p)	1330-20-7	12		5.0	52		22
Xylene (o)	95-47-6	4.6		2.0	20		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090324VP-30V2

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 790301

Date Analyzed: 04/02/09

Date Received: 03/27/09

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

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Result Summary

CLIENT SAMPLE NO.

20090324VP-29V1.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 39.90

Sample Matrix: AIR

Lab Sample No.: 790302

Date Analyzed: 04/03/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	20	U	20	41	U	41
Vinyl Chloride	75-01-4	8.0	U	8.0	20	U	20
Bromomethane	74-83-9	8.0	U	8.0	31	U	31
Chloroethane	75-00-3	20	U	20	53	U	53
1,1-Dichloroethene	75-35-4	8.0	U	8.0	32	U	32
Acetone	67-64-1	200	U	200	480	U	480
Carbon Disulfide	75-15-0	27		20	84		62
Methylene Chloride	75-09-2	20	U	20	69	U	69
trans-1,2-Dichloroethene	156-60-5	8.0	U	8.0	32	U	32
1,1-Dichloroethane	75-34-3	8.0	U	8.0	32	U	32
Methyl Ethyl Ketone	78-93-3	20	U	20	59	U	59
cis-1,2-Dichloroethene	156-59-2	8.0	U	8.0	32	U	32
Chloroform	67-66-3	8.0	U	8.0	39	U	39
1,1,1-Trichloroethane	71-55-6	8.0	U	8.0	44	U	44
Carbon Tetrachloride	56-23-5	8.0	U	8.0	50	U	50
Benzene	71-43-2	8.0	U	8.0	26	U	26
1,2-Dichloroethane	107-06-2	8.0	U	8.0	32	U	32
Trichloroethene	79-01-6	8.0	U	8.0	43	U	43
1,2-Dichloropropane	78-87-5	8.0	U	8.0	37	U	37
Bromodichloromethane	75-27-4	8.0	U	8.0	54	U	54
cis-1,3-Dichloropropene	10061-01-5	8.0	U	8.0	36	U	36
Methyl Isobutyl Ketone	108-10-1	20	U	20	82	U	82
Toluene	108-88-3	1500		8.0	5700		30
trans-1,3-Dichloropropene	10061-02-6	8.0	U	8.0	36	U	36
1,1,2-Trichloroethane	79-00-5	8.0	U	8.0	44	U	44
Tetrachloroethene	127-18-4	8.0	U	8.0	54	U	54
Methyl Butyl Ketone	591-78-6	20	U	20	82	U	82
Dibromochloromethane	124-48-1	8.0	U	8.0	68	U	68
Chlorobenzene	108-90-7	8.0	U	8.0	37	U	37
Ethylbenzene	100-41-4	130		8.0	560		35
Xylene (m,p)	1330-20-7	51		20	220		87
Xylene (o)	95-47-6	8.0	U	8.0	35	U	35
Styrene	100-42-5	8.0	U	8.0	34	U	34

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Result Summary

CLIENT SAMPLE NO.

20090324VP-29V1.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 39.90

Sample Matrix: AIR

Lab Sample No.: 790302

Date Analyzed: 04/03/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	8.0	U	8.0	83	U	83
1,1,2,2-Tetrachloroethane	79-34-5	8.0	U	8.0	55	U	55

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Result Summary

CLIENT SAMPLE NO.

20090324VP-36V7

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 7760.00

Sample Matrix: AIR

Lab Sample No.: 790303

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	3900	U	3900	8100	U	8100
Vinyl Chloride	75-01-4	1600	U	1600	4100	U	4100
Bromomethane	74-83-9	1600	U	1600	6200	U	6200
Chloroethane	75-00-3	3900	U	3900	10000	U	10000
1,1-Dichloroethene	75-35-4	1600	U	1600	6300	U	6300
Acetone	67-64-1	39000	U	39000	93000	U	93000
Carbon Disulfide	75-15-0	3900	U	3900	12000	U	12000
Methylene Chloride	75-09-2	3900	U	3900	14000	U	14000
trans-1,2-Dichloroethene	156-60-5	1600	U	1600	6300	U	6300
1,1-Dichloroethane	75-34-3	1600	U	1600	6500	U	6500
Methyl Ethyl Ketone	78-93-3	3900	U	3900	12000	U	12000
cis-1,2-Dichloroethene	156-59-2	1600	U	1600	6300	U	6300
Chloroform	67-66-3	1600	U	1600	7800	U	7800
1,1,1-Trichloroethane	71-55-6	1600	U	1600	8700	U	8700
Carbon Tetrachloride	56-23-5	1600	U	1600	10000	U	10000
Benzene	71-43-2	1600	U	1600	5100	U	5100
1,2-Dichloroethane	107-06-2	1600	U	1600	6500	U	6500
Trichloroethene	79-01-6	1600	U	1600	8600	U	8600
1,2-Dichloropropane	78-87-5	1600	U	1600	7400	U	7400
Bromodichloromethane	75-27-4	1600	U	1600	11000	U	11000
cis-1,3-Dichloropropene	10061-01-5	1600	U	1600	7300	U	7300
Methyl Isobutyl Ketone	108-10-1	3900	U	3900	16000	U	16000
Toluene	108-88-3	230000		1600	870000		6000
trans-1,3-Dichloropropene	10061-02-6	1600	U	1600	7300	U	7300
1,1,2-Trichloroethane	79-00-5	1600	U	1600	8700	U	8700
Tetrachloroethene	127-18-4	1600	U	1600	11000	U	11000
Methyl Butyl Ketone	591-78-6	3900	U	3900	16000	U	16000
Dibromochloromethane	124-48-1	1600	U	1600	14000	U	14000
Chlorobenzene	108-90-7	1600	U	1600	7400	U	7400
Ethylbenzene	100-41-4	200000		1600	870000		6900
Xylene (m,p)	1330-20-7	380000		3900	1700000		17000
Xylene (o)	95-47-6	57000		1600	250000		6900
Styrene	100-42-5	1600	U	1600	6800	U	6800

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Result Summary

CLIENT SAMPLE NO.

20090324VP-36V7

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 7760.00

Sample Matrix: AIR

Lab Sample No.: 790303

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	1600	U	1600	17000	U	17000
1,1,2,2-Tetrachloroethane	79-34-5	1600	U	1600	11000	U	11000

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Result Summary

CLIENT SAMPLE NO.

20090325VP-39V9.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 20.00

Sample Matrix: AIR

Lab Sample No.: 790304

Date Analyzed: 04/03/09

Date Received: 03/27/09

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	28		4.0	72		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	10	U	10	31	U	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	4.0	U	4.0	16	U	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	36		4.0	120		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	23		4.0	87		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	24		4.0	100		17
Xylene (m,p)	1330-20-7	59		10	260		43
Xylene (o)	95-47-6	8.6		4.0	37		17
Styrene	100-42-5	4.0	U	4.0	17	U	17

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Result Summary

CLIENT SAMPLE NO.

20090325VP-39V9.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 20.00

Sample Matrix: AIR

Lab Sample No.: 790304

Date Analyzed: 04/03/09

Date Received: 03/27/09

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

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Result Summary

CLIENT SAMPLE NO.

20090325VP-38V11.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 2340.00

Sample Matrix: AIR

Lab Sample No.: 790305

Date Analyzed: 04/03/09

Date Received: 03/27/09

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	470	U	470	1200	U	1200
Bromomethane	74-83-9	470	U	470	1800	U	1800
Chloroethane	75-00-3	1200	U	1200	3200	U	3200
1,1-Dichloroethene	75-35-4	470	U	470	1900	U	1900
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	470	U	470	1900	U	1900
1,1-Dichloroethane	75-34-3	470	U	470	1900	U	1900
Methyl Ethyl Ketone	78-93-3	1200	U	1200	3500	U	3500
cis-1,2-Dichloroethene	156-59-2	470	U	470	1900	U	1900
Chloroform	67-66-3	470	U	470	2300	U	2300
1,1,1-Trichloroethane	71-55-6	470	U	470	2600	U	2600
Carbon Tetrachloride	56-23-5	470	U	470	3000	U	3000
Benzene	71-43-2	500		470	1600		1500
1,2-Dichloroethane	107-06-2	470	U	470	1900	U	1900
Trichloroethene	79-01-6	470	U	470	2500	U	2500
1,2-Dichloropropane	78-87-5	470	U	470	2200	U	2200
Bromodichloromethane	75-27-4	470	U	470	3100	U	3100
cis-1,3-Dichloropropene	10061-01-5	470	U	470	2100	U	2100
Methyl Isobutyl Ketone	108-10-1	1200	U	1200	4900	U	4900
Toluene	108-88-3	470	U	470	1800	U	1800
trans-1,3-Dichloropropene	10061-02-6	470	U	470	2100	U	2100
1,1,2-Trichloroethane	79-00-5	470	U	470	2600	U	2600
Tetrachloroethene	127-18-4	470	U	470	3200	U	3200
Methyl Butyl Ketone	591-78-6	1200	U	1200	4900	U	4900
Dibromochloromethane	124-48-1	470	U	470	4000	U	4000
Chlorobenzene	108-90-7	470	U	470	2200	U	2200
Ethylbenzene	100-41-4	910		470	4000		2000
Xylene (m,p)	1330-20-7	1800		1200	7800		5200
Xylene (o)	95-47-6	470	U	470	2000	U	2000
Styrene	100-42-5	470	U	470	2000	U	2000

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Result Summary

CLIENT SAMPLE NO.

20090325VP-38V11.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 2340.00

Sample Matrix: AIR

Lab Sample No.: 790305

Date Analyzed: 04/03/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	470	U	470	4900	U	4900
1,1,2,2-Tetrachloroethane	79-34-5	470	U	470	3200	U	3200

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Result Summary

CLIENT SAMPLE NO.

20090325FD

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 341.00

Sample Matrix: AIR

Lab Sample No.: 790306

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	170	U	170	350	U	350
Vinyl Chloride	75-01-4	71		68	180		170
Bromomethane	74-83-9	68	U	68	260	U	260
Chloroethane	75-00-3	170	U	170	450	U	450
1,1-Dichloroethene	75-35-4	68	U	68	270	U	270
Acetone	67-64-1	1700	U	1700	4000	U	4000
Carbon Disulfide	75-15-0	170	U	170	530	U	530
Methylene Chloride	75-09-2	170	U	170	590	U	590
trans-1,2-Dichloroethene	156-60-5	68	U	68	270	U	270
1,1-Dichloroethane	75-34-3	68	U	68	280	U	280
Methyl Ethyl Ketone	78-93-3	170	U	170	500	U	500
cis-1,2-Dichloroethene	156-59-2	68	U	68	270	U	270
Chloroform	67-66-3	68	U	68	330	U	330
1,1,1-Trichloroethane	71-55-6	68	U	68	370	U	370
Carbon Tetrachloride	56-23-5	68	U	68	430	U	430
Benzene	71-43-2	120		68	380		220
1,2-Dichloroethane	107-06-2	68	U	68	280	U	280
Trichloroethene	79-01-6	68	U	68	370	U	370
1,2-Dichloropropane	78-87-5	68	U	68	310	U	310
Bromodichloromethane	75-27-4	68	U	68	460	U	460
cis-1,3-Dichloropropene	10061-01-5	68	U	68	310	U	310
Methyl Isobutyl Ketone	108-10-1	170	U	170	700	U	700
Toluene	108-88-3	68	U	68	260	U	260
trans-1,3-Dichloropropene	10061-02-6	68	U	68	310	U	310
1,1,2-Trichloroethane	79-00-5	68	U	68	370	U	370
Tetrachloroethene	127-18-4	68	U	68	460	U	460
Methyl Butyl Ketone	591-78-6	170	U	170	700	U	700
Dibromochloromethane	124-48-1	68	U	68	580	U	580
Chlorobenzene	108-90-7	68	U	68	310	U	310
Ethylbenzene	100-41-4	330		68	1400		300
Xylene (m,p)	1330-20-7	630		170	2700		740
Xylene (o)	95-47-6	68	U	68	300	U	300
Styrene	100-42-5	68	U	68	290	U	290

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Result Summary

CLIENT SAMPLE NO.

20090325FD

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 341.00

Sample Matrix: AIR

Lab Sample No.: 790306

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	68	U	68	700	U	700
1,1,2,2-Tetrachloroethane	79-34-5	68	U	68	470	U	470

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Result Summary

CLIENT SAMPLE NO.

20090325VP-35V6.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 50.60

Sample Matrix: AIR

Lab Sample No.: 790307

Date Analyzed: 04/03/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	25	U	25	52	U	52
Vinyl Chloride	75-01-4	2000		10	5100		26
Bromomethane	74-83-9	10	U	10	39	U	39
Chloroethane	75-00-3	25	U	25	66	U	66
1,1-Dichloroethene	75-35-4	10	U	10	40	U	40
Acetone	67-64-1	250	U	250	590	U	590
Carbon Disulfide	75-15-0	25	U	25	78	U	78
Methylene Chloride	75-09-2	25	U	25	87	U	87
trans-1,2-Dichloroethene	156-60-5	63		10	250		40
1,1-Dichloroethane	75-34-3	10	U	10	40	U	40
Methyl Ethyl Ketone	78-93-3	25	U	25	74	U	74
cis-1,2-Dichloroethene	156-59-2	1500		10	5900		40
Chloroform	67-66-3	10	U	10	49	U	49
1,1,1-Trichloroethane	71-55-6	10	U	10	55	U	55
Carbon Tetrachloride	56-23-5	10	U	10	63	U	63
Benzene	71-43-2	27		10	86		32
1,2-Dichloroethane	107-06-2	170		10	690		40
Trichloroethene	79-01-6	52		10	280		54
1,2-Dichloropropane	78-87-5	10	U	10	46	U	46
Bromodichloromethane	75-27-4	10	U	10	67	U	67
cis-1,3-Dichloropropene	10061-01-5	10	U	10	45	U	45
Methyl Isobutyl Ketone	108-10-1	25	U	25	100	U	100
Toluene	108-88-3	46		10	170		38
trans-1,3-Dichloropropene	10061-02-6	10	U	10	45	U	45
1,1,2-Trichloroethane	79-00-5	10	U	10	55	U	55
Tetrachloroethene	127-18-4	58		10	390		68
Methyl Butyl Ketone	591-78-6	25	U	25	100	U	100
Dibromochloromethane	124-48-1	10	U	10	85	U	85
Chlorobenzene	108-90-7	27		10	120		46
Ethylbenzene	100-41-4	110		10	480		43
Xylene (m,p)	1330-20-7	170		25	740		110
Xylene (o)	95-47-6	78		10	340		43
Styrene	100-42-5	10	U	10	43	U	43

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Result Summary

CLIENT SAMPLE NO.

20090325VP-35V6.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 50.60

Sample Matrix: AIR

Lab Sample No.: 790307

Date Analyzed: 04/03/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	10	U	10	100	U	100
1,1,2,2-Tetrachloroethane	79-34-5	10	U	10	69	U	69

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Result Summary

CLIENT SAMPLE NO.

20090325VP-33V3

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 611.00

Sample Matrix: AIR

Lab Sample No.: 790308

Date Analyzed: 04/04/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	310	U	310	640	U	640
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	310	U	310	820	U	820
1,1-Dichloroethene	75-35-4	120	U	120	480	U	480
Acetone	67-64-1	3100	U	3100	7400	U	7400
Carbon Disulfide	75-15-0	310	U	310	970	U	970
Methylene Chloride	75-09-2	310	U	310	1100	U	1100
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	310	U	310	910	U	910
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	120	U	120	380	U	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	310	U	310	1300	U	1300
Toluene	108-88-3	120	U	120	450	U	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	310	U	310	1300	U	1300
Dibromochloromethane	124-48-1	120	U	120	1000	U	1000
Chlorobenzene	108-90-7	120	U	120	550	U	550
Ethylbenzene	100-41-4	120	U	120	520	U	520
Xylene (m,p)	1330-20-7	310	U	310	1300	U	1300
Xylene (o)	95-47-6	120	U	120	520	U	520
Styrene	100-42-5	120	U	120	510	U	510

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Result Summary

CLIENT SAMPLE NO.

20090325VP-33V3

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 611.00

Sample Matrix: AIR

Lab Sample No.: 790308

Date Analyzed: 04/04/09

Date Received: 03/27/09

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

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090325VP-34V2

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 2.00

Sample Matrix: AIR

Lab Sample No.: 790309

Date Analyzed: 04/02/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	1.2		1.0	2.5		2.1
Vinyl Chloride	75-01-4	0.43		0.40	1.1		1.0
Bromomethane	74-83-9	0.40	U	0.40	1.6	U	1.6
Chloroethane	75-00-3	1.0	U	1.0	2.6	U	2.6
1,1-Dichloroethene	75-35-4	0.40	U	0.40	1.6	U	1.6
Acetone	67-64-1	53		10	130		24
Carbon Disulfide	75-15-0	4.7		1.0	15		3.1
Methylene Chloride	75-09-2	1.0	U	1.0	3.5	U	3.5
trans-1,2-Dichloroethene	156-60-5	0.49		0.40	1.9		1.6
1,1-Dichloroethane	75-34-3	1.6		0.40	6.5		1.6
Methyl Ethyl Ketone	78-93-3	3.2		1.0	9.4		2.9
cis-1,2-Dichloroethene	156-59-2	20		0.40	79		1.6
Chloroform	67-66-3	3.3		0.40	16		2.0
1,1,1-Trichloroethane	71-55-6	0.40	U	0.40	2.2	U	2.2
Carbon Tetrachloride	56-23-5	0.43		0.40	2.7		2.5
Benzene	71-43-2	0.73		0.40	2.3		1.3
1,2-Dichloroethane	107-06-2	2.8		0.40	11		1.6
Trichloroethene	79-01-6	3.6		0.40	19		2.1
1,2-Dichloropropane	78-87-5	0.40	U	0.40	1.8	U	1.8
Bromodichloromethane	75-27-4	0.40	U	0.40	2.7	U	2.7
cis-1,3-Dichloropropene	10061-01-5	0.40	U	0.40	1.8	U	1.8
Methyl Isobutyl Ketone	108-10-1	1.0	U	1.0	4.1	U	4.1
Toluene	108-88-3	6.9		0.40	26		1.5
trans-1,3-Dichloropropene	10061-02-6	0.40	U	0.40	1.8	U	1.8
1,1,2-Trichloroethane	79-00-5	0.40	U	0.40	2.2	U	2.2
Tetrachloroethene	127-18-4	28		0.40	190		2.7
Methyl Butyl Ketone	591-78-6	1.0	U	1.0	4.1	U	4.1
Dibromochloromethane	124-48-1	0.40	U	0.40	3.4	U	3.4
Chlorobenzene	108-90-7	0.40	U	0.40	1.8	U	1.8
Ethylbenzene	100-41-4	5.0		0.40	22		1.7
Xylene (m,p)	1330-20-7	10		1.0	43		4.3
Xylene (o)	95-47-6	2.4		0.40	10		1.7
Styrene	100-42-5	0.40	U	0.40	1.7	U	1.7

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Result Summary

CLIENT SAMPLE NO.

20090325VP-34V2

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 2.00

Sample Matrix: AIR

Lab Sample No.: 790309

Date Analyzed: 04/02/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	0.40	U	0.40	4.1	U	4.1
1,1,2,2-Tetrachloroethane	79-34-5	0.40	U	0.40	2.7	U	2.7

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090325VP-31V4

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790310

Date Analyzed: 04/02/09

Date Received: 03/27/09

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	1.9		0.20	4.9		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	18		5.0	43		12
Carbon Disulfide	75-15-0	1.6		0.50	5.0		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	0.43		0.20	1.7		0.81
Methyl Ethyl Ketone	78-93-3	2.5		0.50	7.4		1.5
cis-1,2-Dichloroethene	156-59-2	2.8		0.20	11		0.79
Chloroform	67-66-3	3.3		0.20	16		0.98
1,1,1-Trichloroethane	71-55-6	0.22		0.20	1.2		1.1
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
Benzene	71-43-2	0.29		0.20	0.93		0.64
1,2-Dichloroethane	107-06-2	2.0		0.20	8.1		0.81
Trichloroethene	79-01-6	1.5		0.20	8.1		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	1.1		0.20	4.1		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	1.8		0.20	12		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	0.58		0.20	2.7		0.92
Ethylbenzene	100-41-4	0.28		0.20	1.2		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

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Result Summary

CLIENT SAMPLE NO.

20090325VP-31V4

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790310

Date Analyzed: 04/02/09

Date Received: 03/27/09

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

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Result Summary

CLIENT SAMPLE NO.

20090325VP-32V2

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 99.20

Sample Matrix: AIR

Lab Sample No.: 790311

Date Analyzed: 04/03/09

Date Received: 03/27/09

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	20	U	20	51	U	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	150		50	470		160
Methylene Chloride	75-09-2	50	U	50	170	U	170
trans-1,2-Dichloroethene	156-60-5	20	U	20	79	U	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	20	U	20	79	U	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	45		20	140		64
1,2-Dichloroethane	107-06-2	20	U	20	81	U	81
Trichloroethene	79-01-6	20	U	20	110	U	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	180		20	680		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	20	U	20	140	U	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	20	U	20	92	U	92
Ethylbenzene	100-41-4	20	U	20	87	U	87
Xylene (m,p)	1330-20-7	53		50	230		220
Xylene (o)	95-47-6	23		20	100		87
Styrene	100-42-5	20	U	20	85	U	85

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Result Summary

CLIENT SAMPLE NO.

20090325VP-32V2

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 99.20

Sample Matrix: AIR

Lab Sample No.: 790311

Date Analyzed: 04/03/09

Date Received: 03/27/09

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

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090325VP-37V11.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 2020.00

Sample Matrix: AIR

Lab Sample No.: 790312

Date Analyzed: 04/07/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	1000	U	1000	2100	U	2100
Vinyl Chloride	75-01-4	510		400	1300		1000
Bromomethane	74-83-9	400	U	400	1600	U	1600
Chloroethane	75-00-3	1000	U	1000	2600	U	2600
1,1-Dichloroethene	75-35-4	400	U	400	1600	U	1600
Acetone	67-64-1	10000	U	10000	24000	U	24000
Carbon Disulfide	75-15-0	1000	U	1000	3100	U	3100
Methylene Chloride	75-09-2	1000	U	1000	3500	U	3500
trans-1,2-Dichloroethene	156-60-5	400	U	400	1600	U	1600
1,1-Dichloroethane	75-34-3	400	U	400	1600	U	1600
Methyl Ethyl Ketone	78-93-3	1000	U	1000	2900	U	2900
cis-1,2-Dichloroethene	156-59-2	510		400	2000		1600
Chloroform	67-66-3	400	U	400	2000	U	2000
1,1,1-Trichloroethane	71-55-6	400	U	400	2200	U	2200
Carbon Tetrachloride	56-23-5	400	U	400	2500	U	2500
Benzene	71-43-2	400	U	400	1300	U	1300
1,2-Dichloroethane	107-06-2	400	U	400	1600	U	1600
Trichloroethene	79-01-6	400	U	400	2100	U	2100
1,2-Dichloropropane	78-87-5	400	U	400	1800	U	1800
Bromodichloromethane	75-27-4	400	U	400	2700	U	2700
cis-1,3-Dichloropropene	10061-01-5	400	U	400	1800	U	1800
Methyl Isobutyl Ketone	108-10-1	1000	U	1000	4100	U	4100
Toluene	108-88-3	16000		400	60000		1500
trans-1,3-Dichloropropene	10061-02-6	400	U	400	1800	U	1800
1,1,2-Trichloroethane	79-00-5	400	U	400	2200	U	2200
Tetrachloroethene	127-18-4	400	U	400	2700	U	2700
Methyl Butyl Ketone	591-78-6	1000	U	1000	4100	U	4100
Dibromochloromethane	124-48-1	400	U	400	3400	U	3400
Chlorobenzene	108-90-7	400	U	400	1800	U	1800
Ethylbenzene	100-41-4	50000		400	220000		1700
Xylene (m,p)	1330-20-7	89000		1000	390000		4300
Xylene (o)	95-47-6	2900		400	13000		1700
Styrene	100-42-5	400	U	400	1700	U	1700

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090325VP-37V11.5

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 2020.00

Sample Matrix: AIR

Lab Sample No.: 790312

Date Analyzed: 04/07/09

Date Received: 03/27/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	400	U	400	4100	U	4100
1,1,2,2-Tetrachloroethane	79-34-5	400	U	400	2700	U	2700

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA040109LCS

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA040109

Date Analyzed: 04/01/09

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	10		0.50	21		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	11		0.20	44		0.79
Acetone	67-64-1	9.3		5.0	22		12
Carbon Disulfide	75-15-0	10		0.50	31		1.6
Methylene Chloride	75-09-2	9.9		0.50	34		1.7
trans-1,2-Dichloroethene	156-60-5	9.8		0.20	39		0.79
1,1-Dichloroethane	75-34-3	9.9		0.20	40		0.81
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
Chloroform	67-66-3	9.9		0.20	48		0.98
1,1,1-Trichloroethane	71-55-6	9.8		0.20	53		1.1
Carbon Tetrachloride	56-23-5	9.9		0.20	62		1.3
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	9.8		0.20	40		0.81
Trichloroethene	79-01-6	9.8		0.20	53		1.1
1,2-Dichloropropane	78-87-5	9.9		0.20	46		0.92
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	9.9		0.20	45		0.91
Methyl Isobutyl Ketone	108-10-1	9.6		0.50	39		2.0
Toluene	108-88-3	9.9		0.20	37		0.75
trans-1,3-Dichloropropene	10061-02-6	9.6		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	9.8		0.20	53		1.1
Tetrachloroethene	127-18-4	9.8		0.20	66		1.4
Methyl Butyl Ketone	591-78-6	9.7		0.50	40		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
Chlorobenzene	108-90-7	9.8		0.20	45		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	20		0.50	87		2.2
Xylene (o)	95-47-6	9.6		0.20	42		0.87
Styrene	100-42-5	10		0.20	43		0.85

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Result Summary

CLIENT SAMPLE NO.

FA040109LCS

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA040109

Date Analyzed: 04/01/09

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	11		0.20	110		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.5		0.20	65		1.4

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Result Summary

CLIENT SAMPLE NO.

FA040209LCS

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA040209

Date Analyzed: 04/02/09

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	9.6		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	9.0		5.0	21		12
Carbon Disulfide	75-15-0	10		0.50	31		1.6
Methylene Chloride	75-09-2	9.6		0.50	33		1.7
trans-1,2-Dichloroethene	156-60-5	9.5		0.20	38		0.79
1,1-Dichloroethane	75-34-3	9.6		0.20	39		0.81
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
Chloroform	67-66-3	9.6		0.20	47		0.98
1,1,1-Trichloroethane	71-55-6	9.5		0.20	52		1.1
Carbon Tetrachloride	56-23-5	9.5		0.20	60		1.3
Benzene	71-43-2	9.8		0.20	31		0.64
1,2-Dichloroethane	107-06-2	9.0		0.20	36		0.81
Trichloroethene	79-01-6	9.5		0.20	51		1.1
1,2-Dichloropropane	78-87-5	9.8		0.20	45		0.92
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	9.5		0.20	43		0.91
Methyl Isobutyl Ketone	108-10-1	9.4		0.50	39		2.0
Toluene	108-88-3	10		0.20	38		0.75
trans-1,3-Dichloropropene	10061-02-6	9.4		0.20	43		0.91
1,1,2-Trichloroethane	79-00-5	9.7		0.20	53		1.1
Tetrachloroethene	127-18-4	9.9		0.20	67		1.4
Methyl Butyl Ketone	591-78-6	9.5		0.50	39		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
Chlorobenzene	108-90-7	9.6		0.20	44		0.92
Ethylbenzene	100-41-4	9.7		0.20	42		0.87
Xylene (m,p)	1330-20-7	19		0.50	83		2.2
Xylene (o)	95-47-6	9.4		0.20	41		0.87
Styrene	100-42-5	10		0.20	43		0.85

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Result Summary

CLIENT SAMPLE NO.

FA040209LCS

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA040209

Date Analyzed: 04/02/09

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	11		0.20	110		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.5		0.20	65		1.4

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Result Summary

CLIENT SAMPLE NO.

FA040409LCS

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA040409

Date Analyzed: 04/04/09

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	9.5		0.20	24		0.51
Bromomethane	74-83-9	9.6		0.20	37		0.78
Chloroethane	75-00-3	9.3		0.50	25		1.3
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	9.0		5.0	21		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	9.6		0.20	38		0.79
1,1-Dichloroethane	75-34-3	9.7		0.20	39		0.81
Methyl Ethyl Ketone	78-93-3	9.9		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
Chloroform	67-66-3	9.7		0.20	47		0.98
1,1,1-Trichloroethane	71-55-6	9.6		0.20	52		1.1
Carbon Tetrachloride	56-23-5	9.6		0.20	60		1.3
Benzene	71-43-2	9.9		0.20	32		0.64
1,2-Dichloroethane	107-06-2	9.3		0.20	38		0.81
Trichloroethene	79-01-6	9.6		0.20	52		1.1
1,2-Dichloropropane	78-87-5	9.7		0.20	45		0.92
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	9.7		0.20	44		0.91
Methyl Isobutyl Ketone	108-10-1	9.4		0.50	39		2.0
Toluene	108-88-3	9.7		0.20	37		0.75
trans-1,3-Dichloropropene	10061-02-6	9.5		0.20	43		0.91
1,1,2-Trichloroethane	79-00-5	9.4		0.20	51		1.1
Tetrachloroethene	127-18-4	9.5		0.20	64		1.4
Methyl Butyl Ketone	591-78-6	9.1		0.50	37		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
Chlorobenzene	108-90-7	9.7		0.20	45		0.92
Ethylbenzene	100-41-4	9.8		0.20	43		0.87
Xylene (m,p)	1330-20-7	19		0.50	83		2.2
Xylene (o)	95-47-6	9.5		0.20	41		0.87
Styrene	100-42-5	10		0.20	43		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA040409LCS

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA040409

Date Analyzed: 04/04/09

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	11		0.20	110		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.3		0.20	64		1.4

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA040709LCS

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA040709

Date Analyzed: 04/07/09

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	9.4		0.50	19		1.0
Vinyl Chloride	75-01-4	9.5		0.20	24		0.51
Bromomethane	74-83-9	9.5		0.20	37		0.78
Chloroethane	75-00-3	9.0		0.50	24		1.3
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	9.2		5.0	22		12
Carbon Disulfide	75-15-0	9.9		0.50	31		1.6
Methylene Chloride	75-09-2	9.4		0.50	33		1.7
trans-1,2-Dichloroethene	156-60-5	9.3		0.20	37		0.79
1,1-Dichloroethane	75-34-3	9.4		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	9.5		0.50	28		1.5
cis-1,2-Dichloroethene	156-59-2	9.9		0.20	39		0.79
Chloroform	67-66-3	9.5		0.20	46		0.98
1,1,1-Trichloroethane	71-55-6	9.6		0.20	52		1.1
Carbon Tetrachloride	56-23-5	9.6		0.20	60		1.3
Benzene	71-43-2	9.6		0.20	31		0.64
1,2-Dichloroethane	107-06-2	9.4		0.20	38		0.81
Trichloroethene	79-01-6	9.5		0.20	51		1.1
1,2-Dichloropropane	78-87-5	9.3		0.20	43		0.92
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	9.3		0.20	42		0.91
Methyl Isobutyl Ketone	108-10-1	9.1		0.50	37		2.0
Toluene	108-88-3	9.3		0.20	35		0.75
trans-1,3-Dichloropropene	10061-02-6	9.4		0.20	43		0.91
1,1,2-Trichloroethane	79-00-5	9.1		0.20	50		1.1
Tetrachloroethene	127-18-4	9.6		0.20	65		1.4
Methyl Butyl Ketone	591-78-6	8.9		0.50	36		2.0
Dibromochloromethane	124-48-1	10		0.20	85		1.7
Chlorobenzene	108-90-7	9.3		0.20	43		0.92
Ethylbenzene	100-41-4	9.3		0.20	40		0.87
Xylene (m,p)	1330-20-7	18		0.50	78		2.2
Xylene (o)	95-47-6	8.9		0.20	39		0.87
Styrene	100-42-5	9.4		0.20	40		0.85

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA040709LCS

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA040709

Date Analyzed: 04/07/09

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	10		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	8.6		0.20	59		1.4

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK040109FA

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0401

Date Analyzed: 04/01/09

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.

MBLK040109FA

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0401

Date Analyzed: 04/01/09

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

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Result Summary

CLIENT SAMPLE NO.

MBLK040209FA

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0402

Date Analyzed: 04/02/09

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.

MBLK040209FA

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0402

Date Analyzed: 04/02/09

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

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK040409FA

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0404

Date Analyzed: 04/04/09

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

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK040409FA

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0404

Date Analyzed: 04/04/09

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.

MBLK040709FA

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0407

Date Analyzed: 04/07/09

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.

MBLK040709FA

Lab Name: TAL Burlington

SDG Number: 130896

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0407

Date Analyzed: 04/07/09

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

Printed: 04/16/09 11:30:05 AM

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
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 Tonico

Analysis Turnaround Time
Standard (Specify)
Rush (Specify)

Samples Collected By: J. Bridge / M. Clark

1 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)
20090316VP-22V3@N	3-16	11:15	13:34	30"	4"	2805	4139						X				X		
20090316VP-21V3@N	3-16	11:40	14:06	30"	4"	3168	6502						↓				↓		
20090316VP-27V5@N	3-16	12:16	14:15	30"	4"	4061	6575												
20090324VP-20V5@N	3-24	0737	0857	25"	4"	3769	6492												
20090324VP-23V3.5@N	3-24	0805	0912	30"	4"	4245	5782												
20090324VP-24V4@N	3-24	0828	1012	30"	4"	3749	6698						↓				↓		

Temperature (Fahrenheit)	Interior	Ambient	
Start			
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 Controllers: 3769, 4245
Cans filled in less than 2 hrs.

Samples Shipped by:	Date/Time: 3-26-2009 / 0700	Samples Received by:	3/26/09 1440
Samples Relinquished by:	Date/Time:	Received by:	3/27/09 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: J. Bridge / 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)
20090324VP-25V6@N	3-24	0948	1145	29"	2"	3995	5543						X			X		
20090324FD	3-24	—	—	28"	2"	4056	7849						↓			↓		
20090324VP-26V5.5@N	3-24	1035	1238	30"	1"	3177	7146						↓			↓		
20090324VP-28V3@N	3-24	1116	1222	29"	4"	3170	1544						↓			↓		
20090324VP30V2@N	3-24	1213	1458	30"	4"	3480	5391						↓			↓		
20090324VP-29V1.5@N	3-24	1305	1502	27"	2"	4041	6338						↓			↓		

Temperature (Fahrenheit)	Interior	Ambient	
Start			
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: 3-26-2009 / 0700	Samples Received by: 3/26/09 1440
Samples Relinquished by:	Date/Time:	Received by: 3/27/09 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: F. 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)_____		
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)
20090324VP-36V7@N	3-24	1335	1545	30"	5"	3378	7044						X				X		
20090325VP-39V9.5@N	3-25	0751	1002	28"	4"	3770	6495						↓				↓		
20090325UP-38V11.5@N	3-25	0839	1033	28"	3"	3051	6693						↓				↓		
20090325FD	3-25	/	/	29	4"	3768	5167						↓				↓		
20090325VP-35V6.5@N	3-25	0914	1132	30"	4"	3840	6479						↓				↓		
20090325VP-33V3@N	3-25	1021	1140	30"	2"	4104	6485						↓				↓		

Temperature (Fahrenheit)	Interior	Ambient	
Start			
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: 4104 consistently less than 2hrs.

Samples Shipped by:	Date/Time: 3-26-2009 / 07:00	Samples Received by: 3/26/09 1475
Samples Relinquished by:	Date/Time:	Received by: 3/27/09 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: F. Bridge M. Clark	4 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)
20090325VP-34V2@N	3-25	1053	1359	30"	4"	2757	7120						X				X		
20090325VP-31V4@N	3-25	1211	1908	28"	4"	3937	6313						↓				↓		
20090325VP-32V2@N	3-25	1223	1916	28"	4"	3950	1127						↓				↓		
20090325VP-37V1.5@N	3-25	1331	1505	29"	4"	2828	7788						↓				↓		

Temperature (Fahrenheit)	Interior	Ambient	
Start			
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: (URS)	Date/Time: 3-26-2009 / 07:00	Samples Received by: 3/26/09 1440
Samples Relinquished by:	Date/Time:	Received by: 3/27/09 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.: 130896

Matrix Spike - Sample No.: FA040109LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chloromethane	10		10	100	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		11	110	70-130
Acetone	10		9.3	93	70-130
Carbon Disulfide	10		10	100	70-130
Methylene Chloride	10		9.9	99	70-130
trans-1,2-Dichloroethen	10		9.8	98	70-130
1,1-Dichloroethane	10		9.9	99	70-130
Methyl Ethyl Ketone	10		10	100	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
Chloroform	10		9.9	99	70-130
1,1,1-Trichloroethane	10		9.8	98	70-130
Carbon Tetrachloride	10		9.9	99	70-130
Benzene	10		10	100	70-130
1,2-Dichloroethane	10		9.8	98	70-130
Trichloroethene	10		9.8	98	70-130
1,2-Dichloropropane	10		9.9	99	70-130
Bromodichloromethane	10		10	100	70-130
cis-1,3-Dichloropropene	10		9.9	99	70-130
Methyl Isobutyl Ketone	10		9.6	96	70-130
Toluene	10		9.9	99	70-130
trans-1,3-Dichloroprope	10		9.6	96	70-130
1,1,2-Trichloroethane	10		9.8	98	70-130
Tetrachloroethene	10		9.8	98	70-130
Methyl Butyl Ketone	10		9.7	97	70-130
Dibromochloromethane	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.: 130896

Matrix Spike - Sample No.: FA040109LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		9.8	98	70-130
Ethylbenzene	10		10	100	70-130
Xylene (m,p)	20		20	100	70-130
Xylene (o)	10		9.6	96	70-130
Styrene	10		10	100	70-130
Bromoform	10		11	110	70-130
1,1,2,2-Tetrachloroetha	10		9.5	95	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 35 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.: 130896

Matrix Spike - Sample No.: FA040209LCS

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		9.6	96	70-130
Bromomethane	10		10	100	70-130
Chloroethane	10		10	100	70-130
1,1-Dichloroethene	10		11	110	70-130
Acetone	10		9.0	90	70-130
Carbon Disulfide	10		10	100	70-130
Methylene Chloride	10		9.6	96	70-130
trans-1,2-Dichloroethen	10		9.5	95	70-130
1,1-Dichloroethane	10		9.6	96	70-130
Methyl Ethyl Ketone	10		10	100	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
Chloroform	10		9.6	96	70-130
1,1,1-Trichloroethane	10		9.5	95	70-130
Carbon Tetrachloride	10		9.5	95	70-130
Benzene	10		9.8	98	70-130
1,2-Dichloroethane	10		9.0	90	70-130
Trichloroethene	10		9.5	95	70-130
1,2-Dichloropropane	10		9.8	98	70-130
Bromodichloromethane	10		10	100	70-130
cis-1,3-Dichloropropene	10		9.5	95	70-130
Methyl Isobutyl Ketone	10		9.4	94	70-130
Toluene	10		10	100	70-130
trans-1,3-Dichloroprope	10		9.4	94	70-130
1,1,2-Trichloroethane	10		9.7	97	70-130
Tetrachloroethene	10		9.9	99	70-130
Methyl Butyl Ketone	10		9.5	95	70-130
Dibromochloromethane	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.: 130896

Matrix Spike - Sample No.: FA040209LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		9.6	96	70-130
Ethylbenzene	10		9.7	97	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.4	94	70-130
Styrene	10		10	100	70-130
Bromoform	10		11	110	70-130
1,1,2,2-Tetrachloroetha	10		9.5	95	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 35 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.: 130896

Matrix Spike - Sample No.: FA040409LCS

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		9.5	95	70-130
Bromomethane	10		9.6	96	70-130
Chloroethane	10		9.3	93	70-130
1,1-Dichloroethene	10		11	110	70-130
Acetone	10		9.0	90	70-130
Carbon Disulfide	10		10	100	70-130
Methylene Chloride	10		9.7	97	70-130
trans-1,2-Dichloroethen	10		9.6	96	70-130
1,1-Dichloroethane	10		9.7	97	70-130
Methyl Ethyl Ketone	10		9.9	99	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
Chloroform	10		9.7	97	70-130
1,1,1-Trichloroethane	10		9.6	96	70-130
Carbon Tetrachloride	10		9.6	96	70-130
Benzene	10		9.9	99	70-130
1,2-Dichloroethane	10		9.3	93	70-130
Trichloroethene	10		9.6	96	70-130
1,2-Dichloropropane	10		9.7	97	70-130
Bromodichloromethane	10		10	100	70-130
cis-1,3-Dichloropropene	10		9.7	97	70-130
Methyl Isobutyl Ketone	10		9.4	94	70-130
Toluene	10		9.7	97	70-130
trans-1,3-Dichloroprope	10		9.5	95	70-130
1,1,2-Trichloroethane	10		9.4	94	70-130
Tetrachloroethene	10		9.5	95	70-130
Methyl Butyl Ketone	10		9.1	91	70-130
Dibromochloromethane	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.: 130896

Matrix Spike - Sample No.: FA040409LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		9.7	97	70-130
Ethylbenzene	10		9.8	98	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.5	95	70-130
Styrene	10		10	100	70-130
Bromoform	10		11	110	70-130
1,1,2,2-Tetrachloroetha	10		9.3	93	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 35 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.: 130896

Matrix Spike - Sample No.: FA040709LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chloromethane	10		9.4	94	70-130
Vinyl Chloride	10		9.5	95	70-130
Bromomethane	10		9.5	95	70-130
Chloroethane	10		9.0	90	70-130
1,1-Dichloroethene	10		11	110	70-130
Acetone	10		9.2	92	70-130
Carbon Disulfide	10		9.9	99	70-130
Methylene Chloride	10		9.4	94	70-130
trans-1,2-Dichloroethen	10		9.3	93	70-130
1,1-Dichloroethane	10		9.4	94	70-130
Methyl Ethyl Ketone	10		9.5	95	70-130
cis-1,2-Dichloroethene	10		9.9	99	70-130
Chloroform	10		9.5	95	70-130
1,1,1-Trichloroethane	10		9.6	96	70-130
Carbon Tetrachloride	10		9.6	96	70-130
Benzene	10		9.6	96	70-130
1,2-Dichloroethane	10		9.4	94	70-130
Trichloroethene	10		9.5	95	70-130
1,2-Dichloropropane	10		9.3	93	70-130
Bromodichloromethane	10		10	100	70-130
cis-1,3-Dichloropropene	10		9.3	93	70-130
Methyl Isobutyl Ketone	10		9.1	91	70-130
Toluene	10		9.3	93	70-130
trans-1,3-Dichloroprope	10		9.4	94	70-130
1,1,2-Trichloroethane	10		9.1	91	70-130
Tetrachloroethene	10		9.6	96	70-130
Methyl Butyl Ketone	10		8.9	89	70-130
Dibromochloromethane	10		10	100	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.: 130896

Matrix Spike - Sample No.: FA040709LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		9.3	93	70-130
Ethylbenzene	10		9.3	93	70-130
Xylene (m,p)	20		18	90	70-130
Xylene (o)	10		8.9	89	70-130
Styrene	10		9.4	94	70-130
Bromoform	10		10	100	70-130
1,1,2,2-Tetrachloroetha	10		8.6	86	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 35 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK040109FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Lab File ID: FCVB01G Lab Sample ID: MBLK040109FA

Date Analyzed: 04/01/09 Time Analyzed: 1832

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

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA040109LCS	FA040109LCS	FCV10GQ	1742
02	25VP-34V2	790309	790309D	1022
03	25VP-31V4	790310	790310	1111
04	16VP-21V3	790292	790292D	1201
05	24VP-20V3	790294	790294D	1250
06	24VP-24V4	790296	790296D	1340
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COMMENTS:

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FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK040209FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Lab File ID: FCVB01H Lab Sample ID: MBLK040209FA

Date Analyzed: 04/02/09 Time Analyzed: 1748

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

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA040209LCS	FA040209LCS	FCV10HQ	1658
02	24VP-26V5.5	790299	790299D	2245
03	24VP-30V2	790301	790301D	2358
04	25VP-39V9.5	790304	790304D	0048
05	16VP-22V3	790291	790291D	0137
06	24VP-29V1.5	790302	790302D	0317
07	25VP-35V6.5	790307	790307D	0407
08	25VP-32V2	790311	790311D	0457
09	16VP-27V5	790293	790293D	0849
10	25VP-38V11.5	790305	790305D	1257
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COMMENTS:

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FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK040409FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Lab File ID: FCVB01I Lab Sample ID: MBLK040409FA

Date Analyzed: 04/04/09 Time Analyzed: 1223

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

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA040409LCS	FA040409LCS	FCV10IQ	1133
02	25FD	790306	790306D	1313
03	25VP-33V3	790308	790308D	1403
04	24VP-23V3.5	790295	790295D2	1543
05	24VP-25V6	790297	790297D2	1633
06	24FD	790298	790298D2	1724
07	24VP-28V3.5	790300	790300D2	1814
08	24VP-36V7	790303	790303D2	1904
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COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK040709FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Lab File ID: FCVB01J Lab Sample ID: MBLK040709FA

Date Analyzed: 04/07/09 Time Analyzed: 2117

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

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA040709LCS	FA040709LCS	FCV10JQ	2026
02	25VP-37V11.5	790312	790312D2	2203
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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.: 130896

Lab File ID: FCV01PV BFB Injection Date: 03/25/09

Instrument ID: F BFB Injection Time: 0857

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	16.0
75	30.0 - 66.0% of mass 95	51.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.8 (0.9)1
174	50.0 - 120.0% of mass 95	89.0
175	4.0 - 9.0% of mass 174	6.4 (7.2)1
176	93.0 - 101.0% of mass 174	87.6 (98.4)1
177	5.0 - 9.0% of mass 176	5.6 (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	ASTD0002	ASTD0002	FCV002V	03/25/09	1302
02	ASTD0005	ASTD0005	FCV005V	03/25/09	1352
03	ASTD005	ASTD005	FCV05V	03/25/09	1442
04	ASTD010	ASTD010	FCV10V	03/25/09	1532
05	ASTD015	ASTD015	FCV15V	03/25/09	1622
06	ASTD020	ASTD020	FCV20V	03/25/09	1711
07	ASTD040	ASTD040	FCV40V	03/25/09	1800
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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.: 130896

Lab File ID: FCV08PV BFB Injection Date: 04/01/09

Instrument ID: F BFB Injection Time: 1538

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	15.6
75	30.0 - 66.0% of mass 95	50.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.6 (0.7)1
174	50.0 - 120.0% of mass 95	90.6
175	4.0 - 9.0% of mass 174	6.4 (7.0)1
176	93.0 - 101.0% of mass 174	88.7 (97.9)1
177	5.0 - 9.0% of mass 176	5.5 (6.2)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	FCV10GV	04/01/09	1648
02	FA040109LCS	FA040109LCS	FCV10GQ	04/01/09	1742
03	MBLK040109FA	MBLK040109FA	FCVB01G	04/01/09	1832
04	25VP-34V2	790309	790309D	04/02/09	1022
05	25VP-31V4	790310	790310	04/02/09	1111
06	16VP-21V3	790292	790292D	04/02/09	1201
07	24VP-20V3	790294	790294D	04/02/09	1250
08	24VP-24V4	790296	790296D	04/02/09	1340
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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.: 130896

Lab File ID: FCV09PV BFB Injection Date: 04/02/09

Instrument ID: F BFB Injection Time: 1512

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	15.3
75	30.0 - 66.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.6 (0.6)1
174	50.0 - 120.0% of mass 95	89.6
175	4.0 - 9.0% of mass 174	6.3 (7.1)1
176	93.0 - 101.0% of mass 174	86.9 (96.9)1
177	5.0 - 9.0% of mass 176	5.7 (6.5)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	FCV10HV	04/02/09	1608
02	FA040209LCS	FA040209LCS	FCV10HQ	04/02/09	1658
03	MBLK040209FA	MBLK040209FA	FCVB01H	04/02/09	1748
04	24VP-26V5.5	790299	790299D	04/02/09	2245
05	24VP-30V2	790301	790301D	04/02/09	2358
06	25VP-39V9.5	790304	790304D	04/03/09	0048
07	16VP-22V3	790291	790291D	04/03/09	0137
08	24VP-29V1.5	790302	790302D	04/03/09	0317
09	25VP-35V6.5	790307	790307D	04/03/09	0407
10	25VP-32V2	790311	790311D	04/03/09	0457
11	16VP-27V5	790293	790293D	04/03/09	0849
12	25VP-38V11.5	790305	790305D	04/03/09	1257
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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.: 130896

Lab File ID: FCV10PV BFB Injection Date: 04/04/09

Instrument ID: F BFB Injection Time: 0936

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	15.5
75	30.0 - 66.0% of mass 95	49.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.6 (0.6)1
174	50.0 - 120.0% of mass 95	90.5
175	4.0 - 9.0% of mass 174	6.3 (7.0)1
176	93.0 - 101.0% of mass 174	88.6 (98.0)1
177	5.0 - 9.0% of mass 176	5.7 (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	FCV10IV	04/04/09	1025
02	FA040409LCS	FA040409LCS	FCV10IQ	04/04/09	1133
03	MBLK040409FA	MBLK040409FA	FCVB01I	04/04/09	1223
04	25FD	790306	790306D	04/04/09	1313
05	25VP-33V3	790308	790308D	04/04/09	1403
06	24VP-23V3.5	790295	790295D2	04/04/09	1543
07	24VP-25V6	790297	790297D2	04/04/09	1633
08	24FD	790298	790298D2	04/04/09	1724
09	24VP-28V3.5	790300	790300D2	04/04/09	1814
10	24VP-36V7	790303	790303D2	04/04/09	1904
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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.: 130896

Lab File ID: FCV12PV BFB Injection Date: 04/07/09

Instrument ID: F BFB Injection Time: 1814

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	15.5
75	30.0 - 66.0% of mass 95	50.5
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 (0.7)1
174	50.0 - 120.0% of mass 95	91.4
175	4.0 - 9.0% of mass 174	6.4 (7.0)1
176	93.0 - 101.0% of mass 174	89.7 (98.1)1
177	5.0 - 9.0% of mass 176	5.7 (6.3)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	FCV10JV	04/07/09	1859
02	FA040709LCS	FA040709LCS	FCV10JQ	04/07/09	2026
03	MBLK040709FA	MBLK040709FA	FCVB01J	04/07/09	2117
04	25VP-37V11.5	790312	790312D2	04/07/09	2203
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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.: 130896

Lab File ID (Standard): FCV10GV Date Analyzed: 04/01/09

Instrument ID: F Time Analyzed: 1648

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	424025	8.87	2183648	9.69	1988429	12.04
	UPPER LIMIT	593635	9.20	3057107	10.02	2783801	12.37
	LOWER LIMIT	254415	8.54	1310189	9.36	1193057	11.71
	CLIENT SAMPLE NO.						
01	FA040109LCS	431489	8.87	2244889	9.69	1976692	12.04
02	MBLK040109FA	428978	8.86	2256619	9.69	1938396	12.04
03	25VP-34V2	469582	8.87	2450934	9.69	2077795	12.04
04	25VP-31V4	443564	8.87	2324745	9.69	1905387	12.04
05	16VP-21V3	440655	8.87	2303929	9.69	2025807	12.04
06	24VP-20V3	441667	8.87	2308591	9.69	2011461	12.04
07	24VP-24V4	451566	8.86	2358054	9.69	2066758	12.04
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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.

page 1 of 1

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.: 130896

Lab File ID (Standard): FCV10HV Date Analyzed: 04/02/09

Instrument ID: F Time Analyzed: 1608

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	437766	8.87	2287374	9.69	2002057	12.04
	UPPER LIMIT	612872	9.20	3202324	10.02	2802880	12.37
	LOWER LIMIT	262660	8.54	1372424	9.36	1201234	11.71
	CLIENT SAMPLE NO.						
01	FA040209LCS	457847	8.87	2371486	9.69	2053698	12.04
02	MBLK040209FA	447530	8.86	2317063	9.69	1969513	12.04
03	24VP-26V5.5	407940	8.87	2138751	9.69	1931629	12.04
04	24VP-30V2	469505	8.87	2455145	9.69	2154853	12.04
05	25VP-39V9.5	505123	8.87	2618491	9.69	2280546	12.04
06	16VP-22V3	465707	8.86	2446621	9.69	2105935	12.04
07	24VP-29V1.5	443904	8.87	2303492	9.69	2033558	12.04
08	25VP-35V6.5	444730	8.87	2311311	9.69	2035733	12.04
09	25VP-32V2	461494	8.87	2381994	9.69	2117290	12.04
10	16VP-27V5	446929	8.87	2346894	9.69	2104064	12.04
11	25VP-38V11.5	457797	8.87	2392664	9.69	2065606	12.04
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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.: 130896

Lab File ID (Standard): FCV10IV Date Analyzed: 04/04/09

Instrument ID: F Time Analyzed: 1025

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	442688	8.87	2298011	9.69	2013037	12.04
	UPPER LIMIT	619763	9.20	3217215	10.02	2818252	12.37
	LOWER LIMIT	265613	8.54	1378807	9.36	1207822	11.71
	CLIENT SAMPLE NO.						
01	FA040409LCS	449121	8.87	2351743	9.69	2120740	12.04
02	MBLK040409FA	441540	8.86	2309111	9.69	1952337	12.04
03	25FD	418922	8.87	2192512	9.69	1909583	12.04
04	25VP-33V3	453519	8.87	2379241	9.69	2066569	12.04
05	24VP-23V3.5	451564	8.87	2382345	9.69	2062952	12.04
06	24VP-25V6	450761	8.86	2363026	9.69	2064754	12.04
07	24FD	454101	8.86	2394806	9.69	2121377	12.04
08	24VP-28V3.5	450945	8.87	2386038	9.69	2096552	12.04
09	24VP-36V7	443910	8.87	2337670	9.69	2010923	12.04
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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.: 130896

Lab File ID (Standard): FCV10JV Date Analyzed: 04/07/09

Instrument ID: F Time Analyzed: 1859

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	421857	8.87	2181149	9.69	1905133	12.04
	UPPER LIMIT	590600	9.20	3053609	10.02	2667186	12.37
	LOWER LIMIT	253114	8.54	1308689	9.36	1143080	11.71
	CLIENT SAMPLE NO.						
01	FA040709LCS	444941	8.87	2303153	9.69	2058491	12.04
02	MBLK040709FA	407867	8.87	2151137	9.69	1783252	12.04
03	25VP-37V11.5	391668	8.87	2082467	9.69	1834717	12.04
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
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.

page 1 of 1

FORM VIII VOA

Supportive Documentation – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

16VP-21V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790292

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 790292D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 12.1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	6.1	U
75-01-4	Vinyl Chloride	2.4	U
74-83-9	Bromomethane	2.4	U
75-00-3	Chloroethane	6.1	U
75-35-4	1,1-Dichloroethene	2.4	U
67-64-1	Acetone	61	U
75-15-0	Carbon Disulfide	15	
75-09-2	Methylene Chloride	6.1	U
156-60-5	trans-1,2-Dichloroethene	3.7	
75-34-3	1,1-Dichloroethane	2.4	U
78-93-3	Methyl Ethyl Ketone	6.1	U
156-59-2	cis-1,2-Dichloroethene	9.3	
67-66-3	Chloroform	7.1	
71-55-6	1,1,1-Trichloroethane	2.4	U
56-23-5	Carbon Tetrachloride	2.4	U
71-43-2	Benzene	2.4	U
107-06-2	1,2-Dichloroethane	52	
79-01-6	Trichloroethene	2.7	
78-87-5	1,2-Dichloropropane	2.4	U
75-27-4	Bromodichloromethane	2.4	U
10061-01-5	cis-1,3-Dichloropropene	2.4	U
108-10-1	Methyl Isobutyl Ketone	6.1	U
108-88-3	Toluene	3.1	
10061-02-6	trans-1,3-Dichloropropene	2.4	U
79-00-5	1,1,2-Trichloroethane	2.4	U
127-18-4	Tetrachloroethene	8.4	
591-78-6	Methyl Butyl Ketone	6.1	U
124-48-1	Dibromochloromethane	2.4	U
108-90-7	Chlorobenzene	2.4	U
100-41-4	Ethylbenzene	2.4	U
1330-20-7	Xylene (m,p)	6.1	U
95-47-6	Xylene (o)	2.4	U
100-42-5	Styrene	2.4	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

16VP-21V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790292

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 790292D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 12.1

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

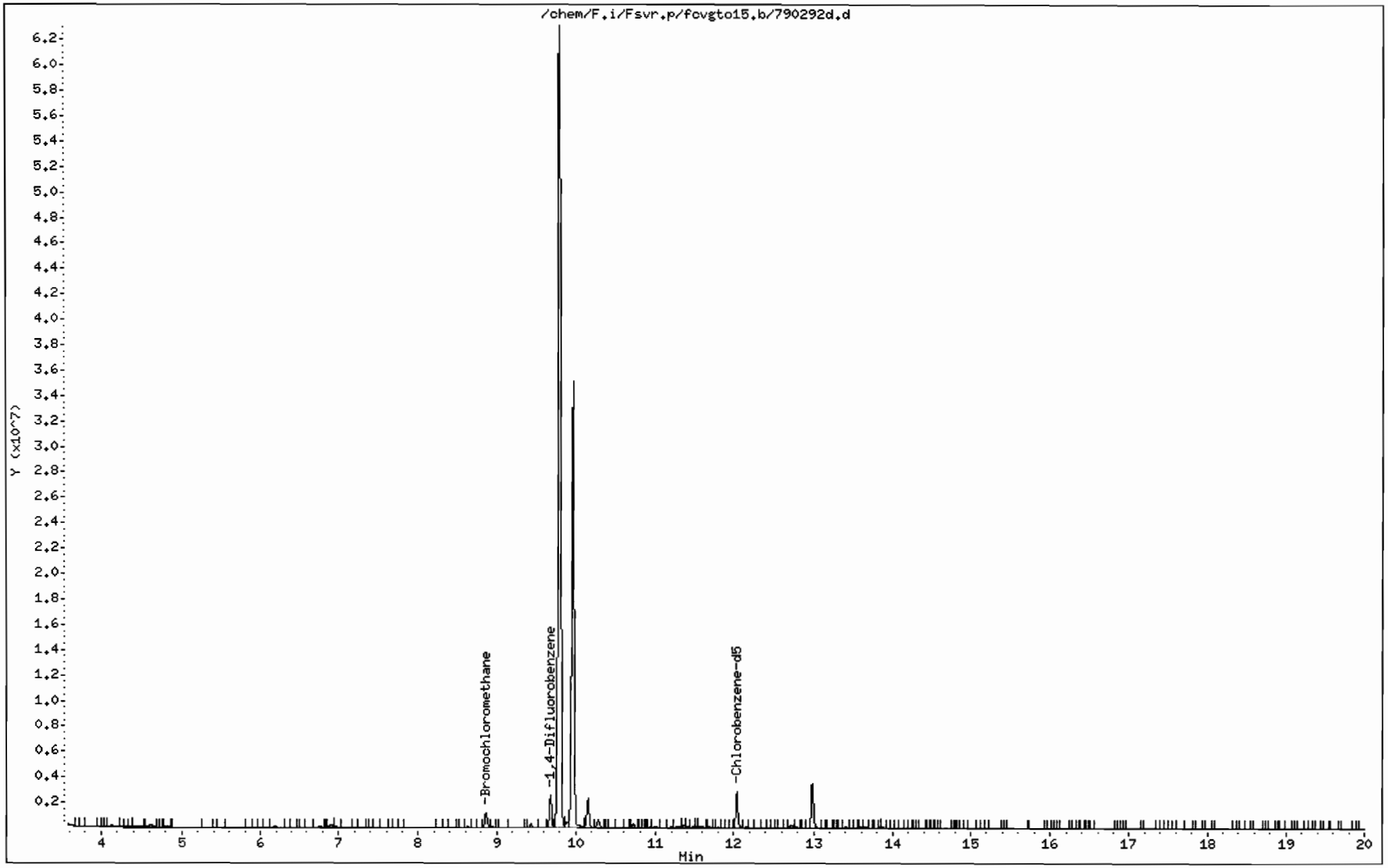
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	2.4	U
79-34-5	1,1,2,2-Tetrachloroethane	2.4	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790292d.d
Date : 02-APR-2009 12:01
Client ID: 16VP-21V3
Sample Info: 20090316VP-21V3 :[ ]03/16/09 @1406(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvgto15.b/790292d.d
Lab Smp Id: 790292 Client Smp ID: 16VP-21V3
Inj Date : 02-APR-2009 12:01
Operator : pad Inst ID: F.i
Smp Info : 20090316VP-21V3 :[ ]03/16/09 @1406(AIR)
Misc Info : 790292;040109FA;12.1;20;cdf1.21
Comment :
Method : /chem/F.i/Fsvr.p/fcvgto15.b/sto15.m
Meth Date : 14-Apr-2009 20:29 jdl Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 18
Dil Factor: 12.10000
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	12.10000	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	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
21 Carbon Disulfide	76	6.973	6.962	(0.786)	110071	1.24137	15
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	7.578	7.572	(0.855)	15380	0.30864	3.7
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	8.631	8.631	(0.973)	29813	0.76947	9.3
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	440655	10.0000	(Q)
34 Chloroform	83	8.899	8.894	(1.004)	50062	0.59038	7.1
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	9.439	9.439	(0.975)	273950	4.31645	52(M)
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2303929	10.0000	
45 Trichloroethene	95	9.921	9.915	(1.024)	12526	0.22080	2.7
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	10.932	10.926	(0.908)	22868	0.25820	3.1
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	11.360	11.360	(0.944)	61423	0.69036	8.4
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	12.039	12.039	(1.000)	2025807	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/F.i/Fsvr.p/fcvgto15.b/790292d.d

Date : 02-APR-2009 12:01

Client ID: 16VP-21V3

Instrument: F.i

Sample Info: 20090316VP-21V3 :[ ]03/16/09 @1406(AIR)

Purge Volume: 20.0

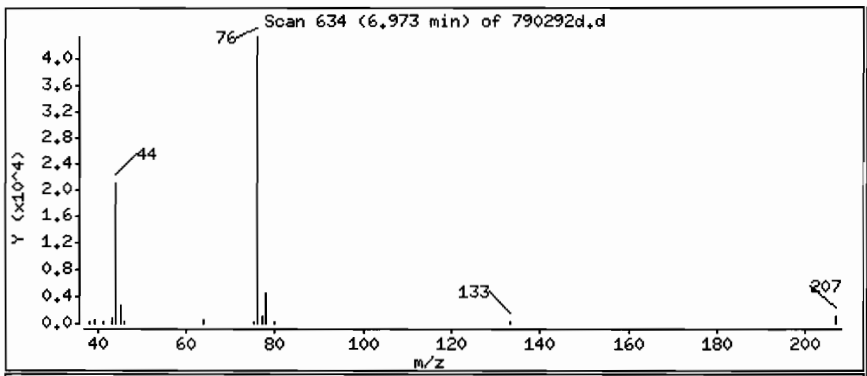
Operator: pad

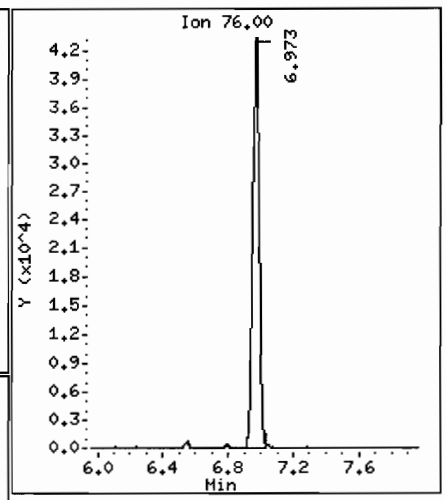
Column phase: RTX-624

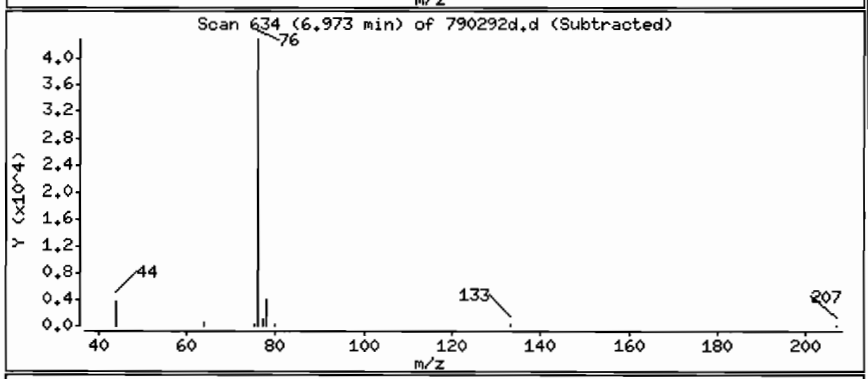
Column diameter: 0.32

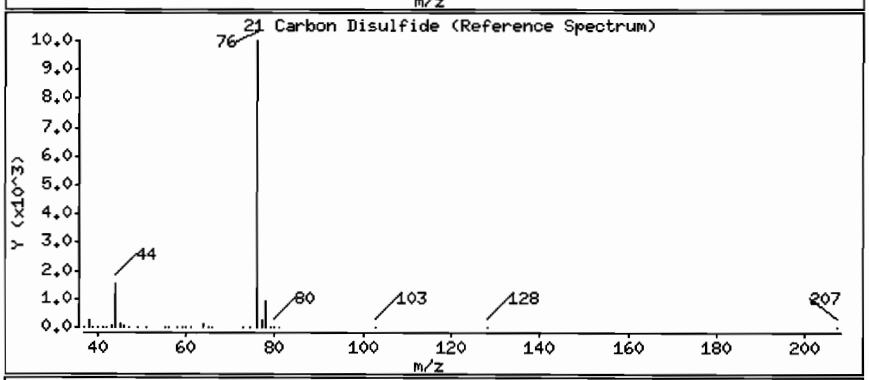
21 Carbon Disulfide

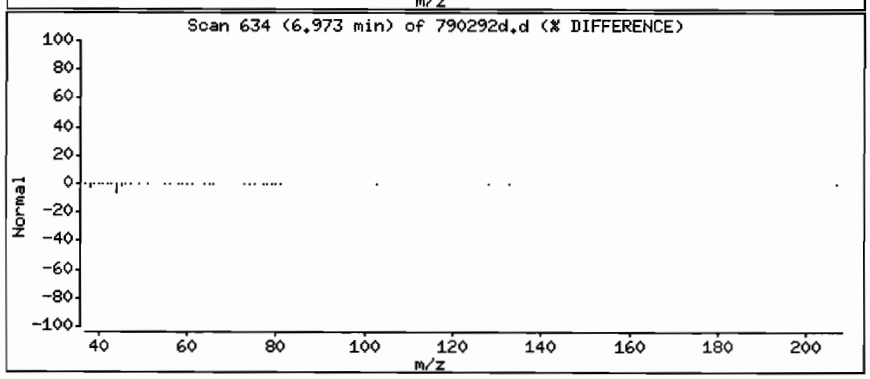
Concentration: 15 ppbv











Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790292d.d

Date : 02-APR-2009 12:01

Client ID: 16VP-21V3

Instrument: F.i

Sample Info: 20090316VP-21V3 :[ ]03/16/09 @1406(AIR)

Purge Volume: 20.0

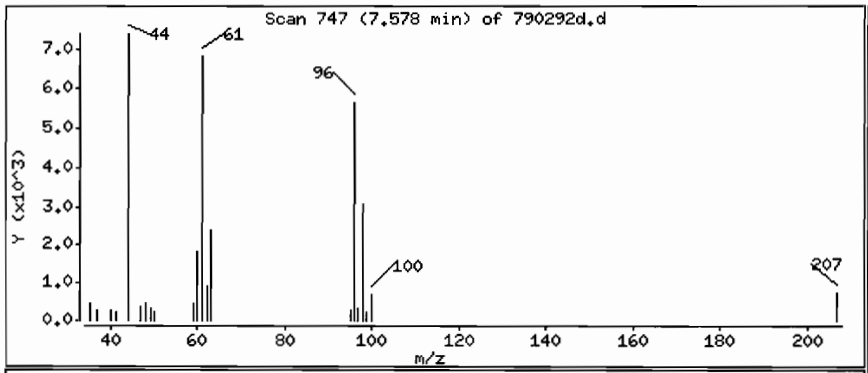
Operator: pad

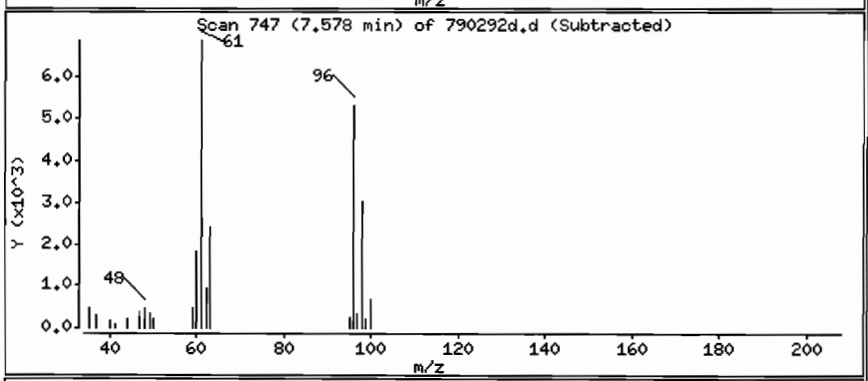
Column phase: RTX-624

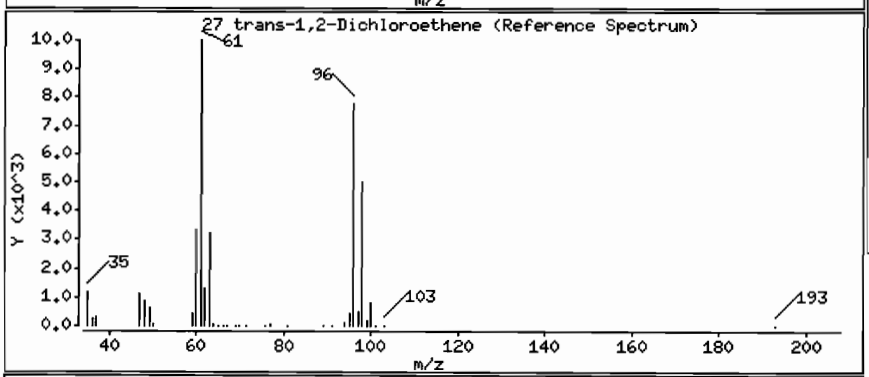
Column diameter: 0.32

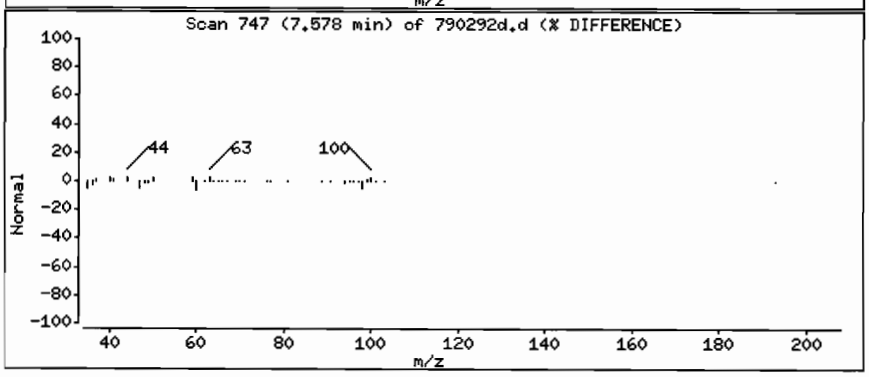
27 trans-1,2-Dichloroethene

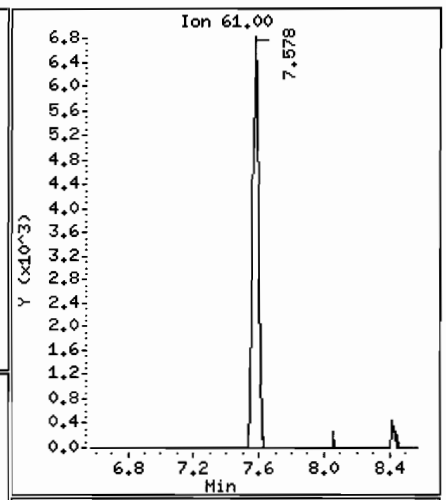
Concentration: 3.7 ppbv

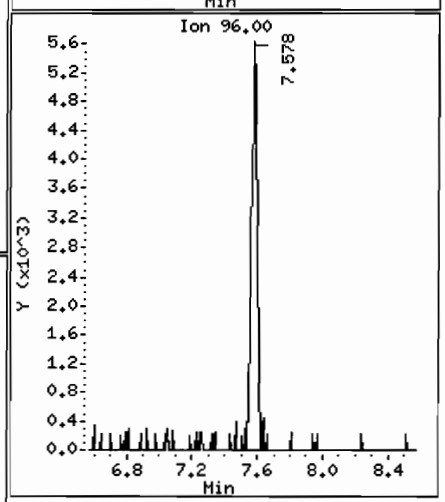












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790292d.d

Date : 02-APR-2009 12:01

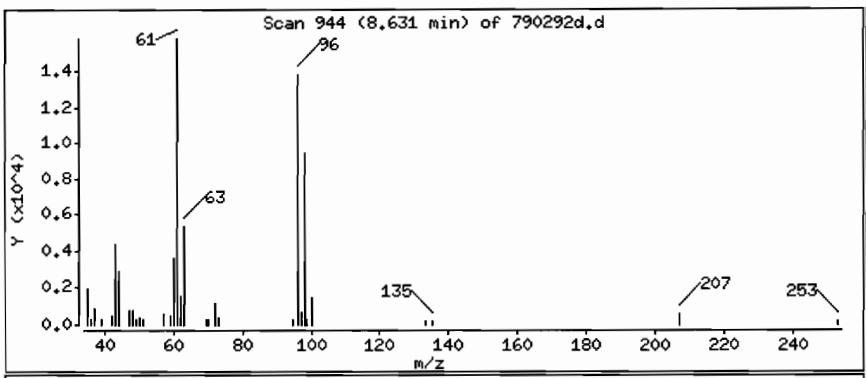
Client ID: 16VP-21V3 Instrument: F.i

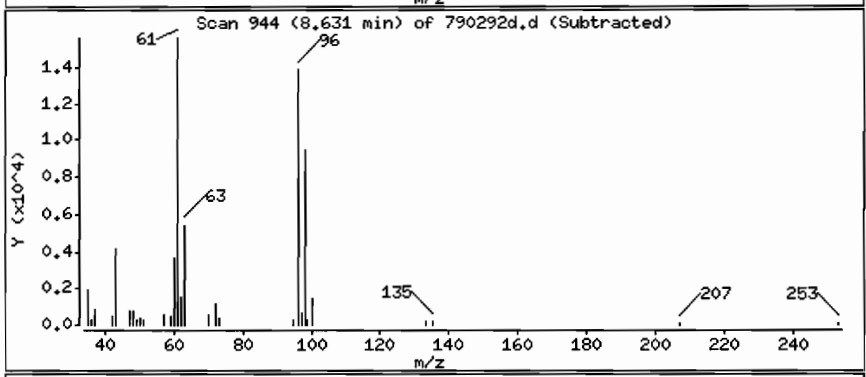
Sample Info: 20090316VP-21V3 :[J03/16/09 @1406(AIR)

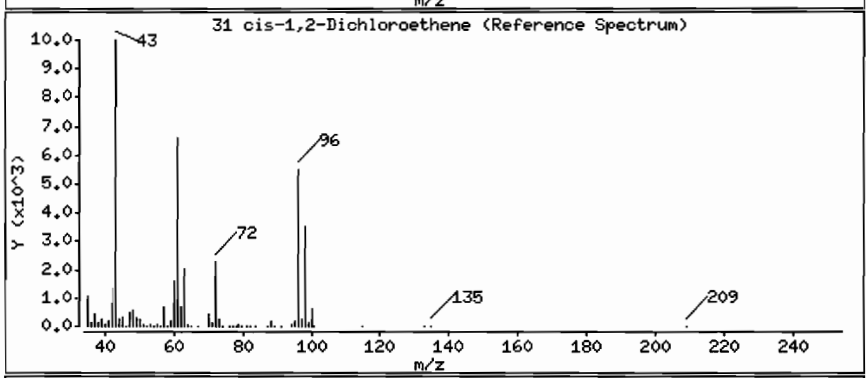
Purge Volume: 20.0 Operator: pad

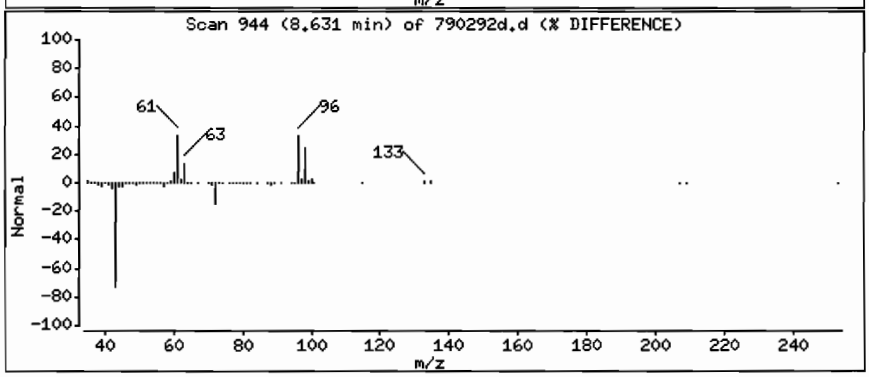
Column phase: RTX-624 Column diameter: 0.32

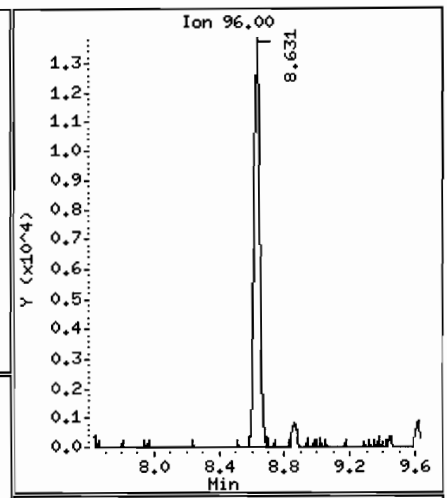
31 cis-1,2-Dichloroethene Concentration: 9.3 ppbv

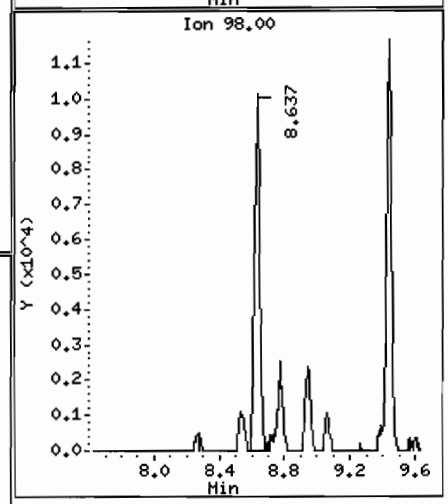












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790292d.d

Date : 02-APR-2009 12:01

Client ID: 16VP-21V3

Instrument: F.i

Sample Info: 20090316VP-21V3 :[103/16/09 @1406(AIR)

Purge Volume: 20.0

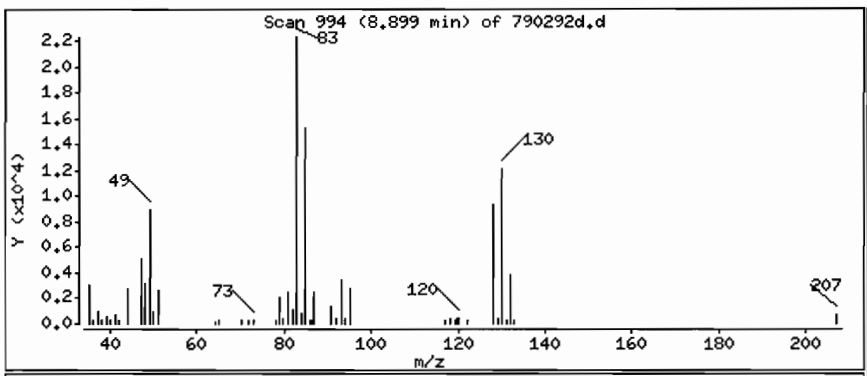
Operator: pad

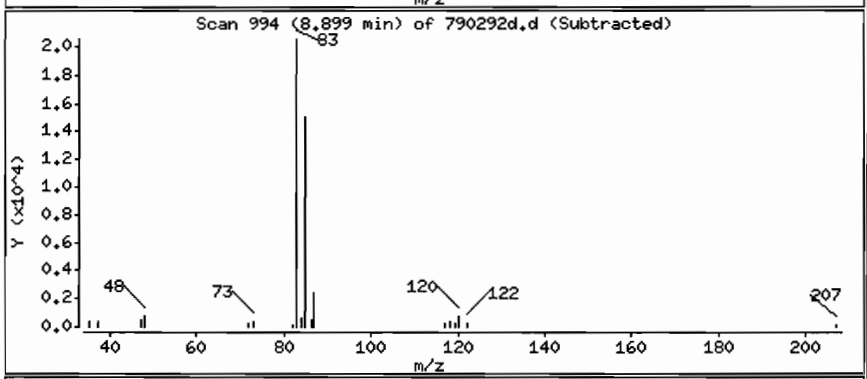
Column phase: RTX-624

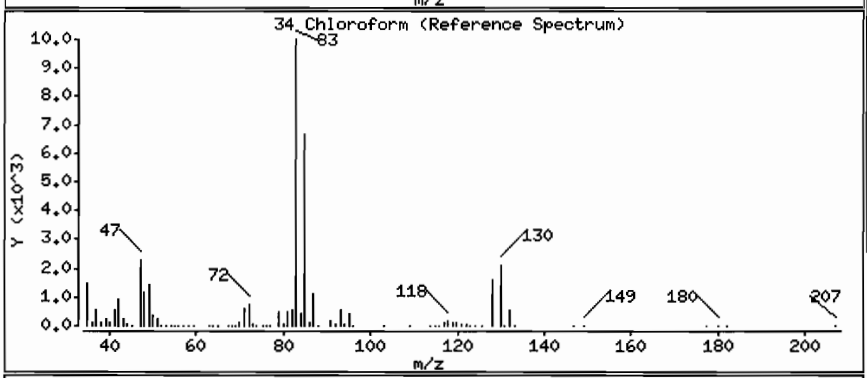
Column diameter: 0.32

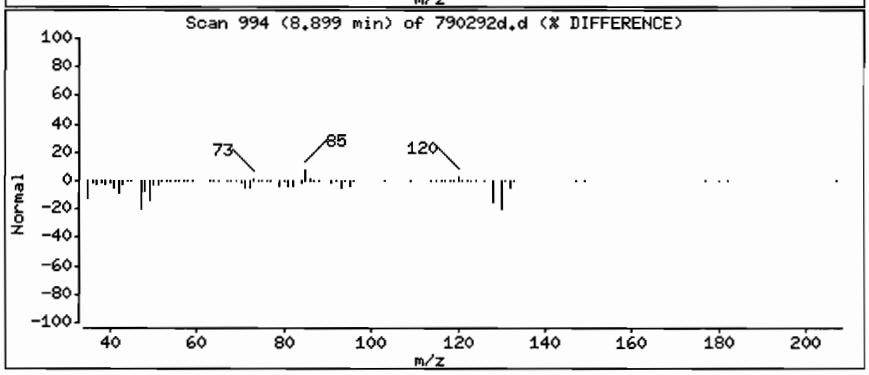
34 Chloroform

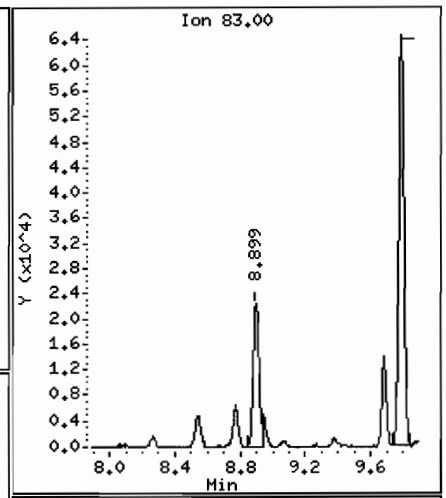
Concentration: 7.1 ppbv

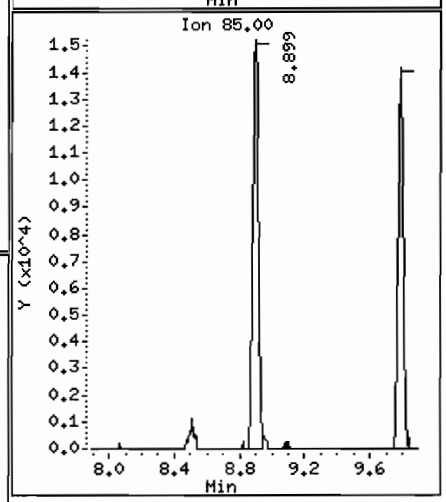












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790292d.d

Date : 02-APR-2009 12:01

Client ID: 16VP-21V3

Instrument: F.i

Sample Info: 20090316VP-21V3 :[ ]03/16/09 @1406(AIR)

Purge Volume: 20.0

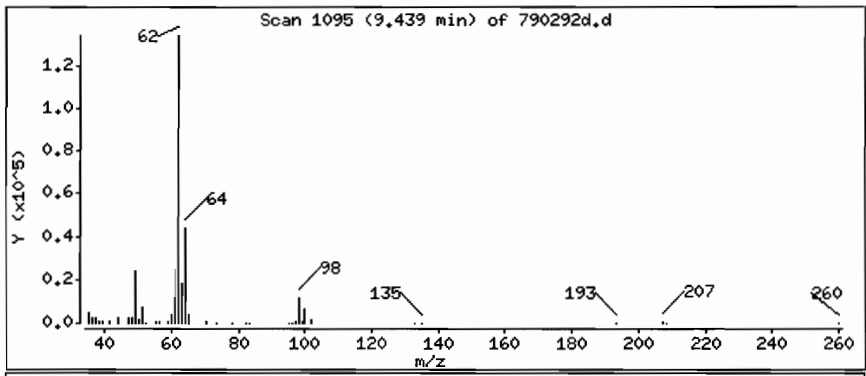
Operator: pad

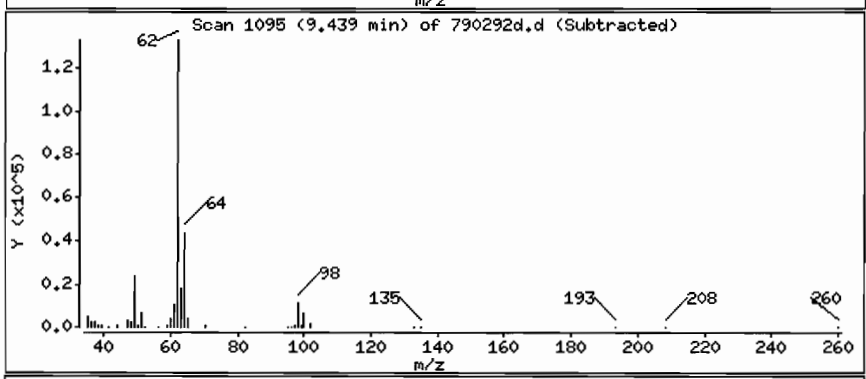
Column phase: RTX-624

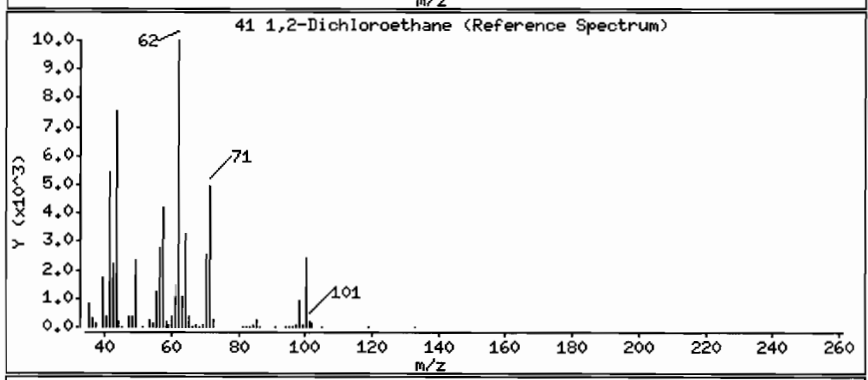
Column diameter: 0.32

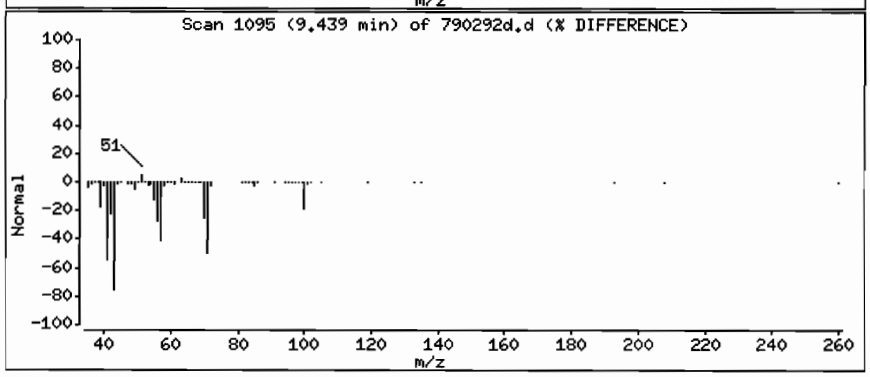
41 1,2-Dichloroethane

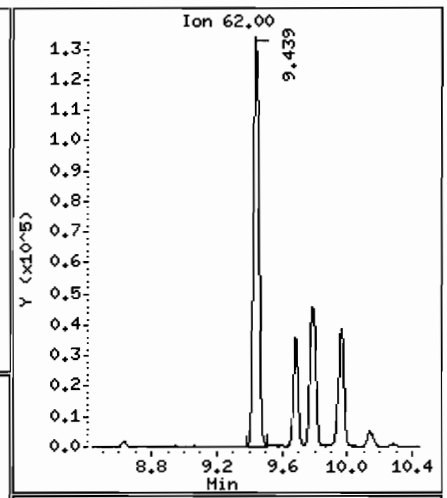
Concentration: 52 ppbv

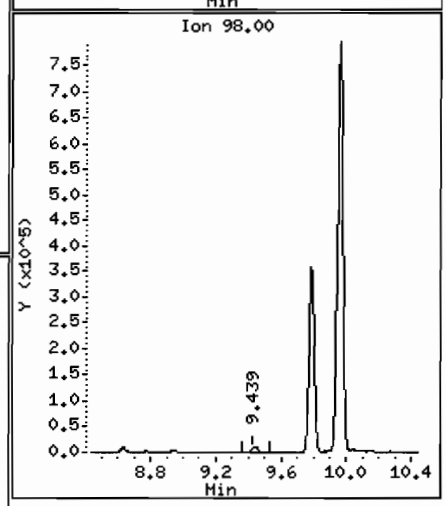












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790292d.d

Date : 02-APR-2009 12:01

Client ID: 16VP-21V3

Instrument: F.i

Sample Info: 20090316VP-21V3 :[ ]03/16/09 @1406(AIR)

Purge Volume: 20.0

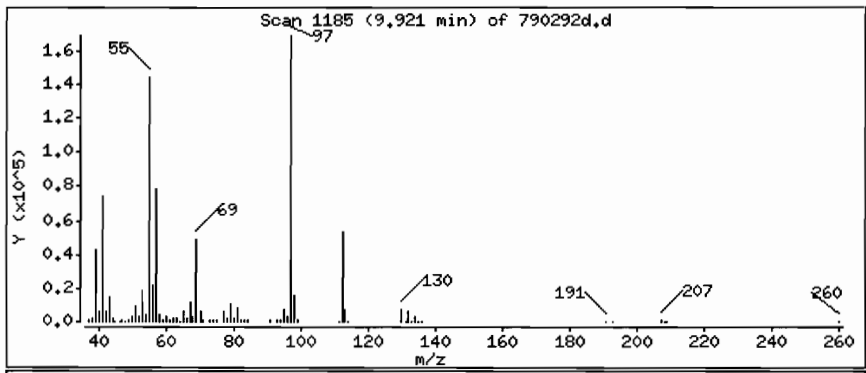
Operator: pad

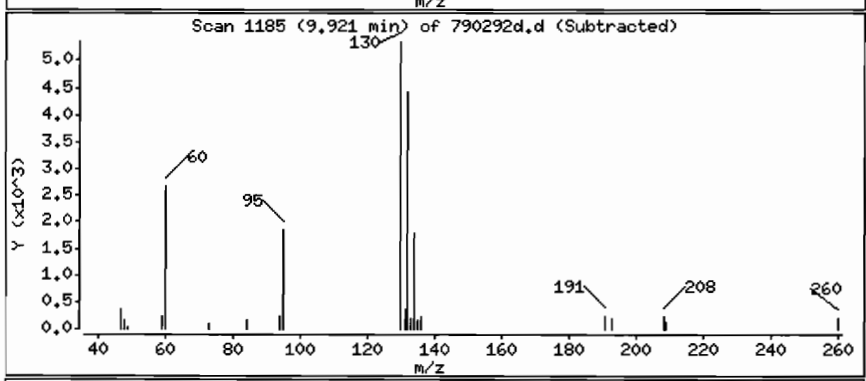
Column phase: RTX-624

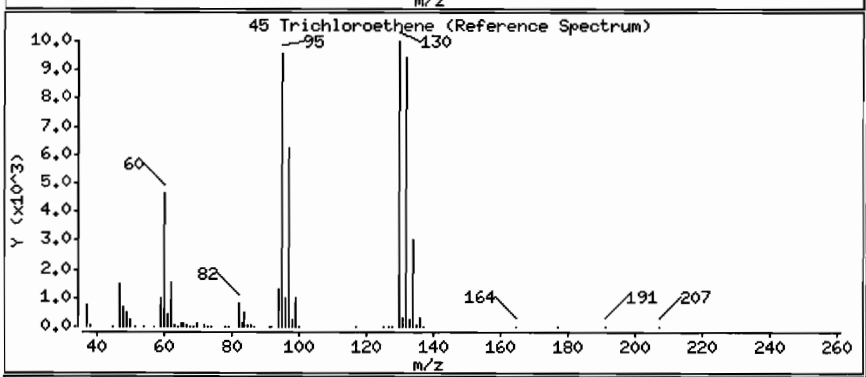
Column diameter: 0.32

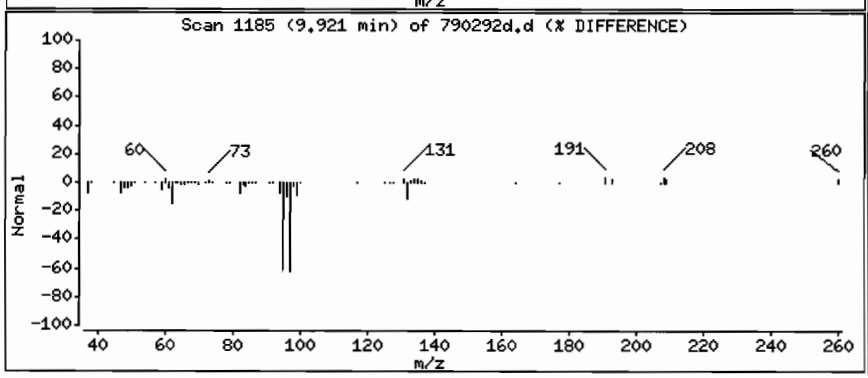
45 Trichloroethene

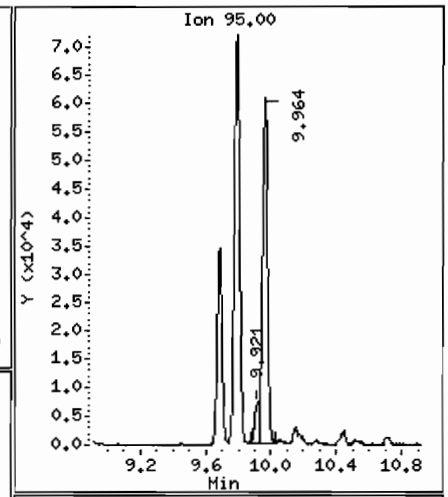
Concentration: 2.7 ppbv

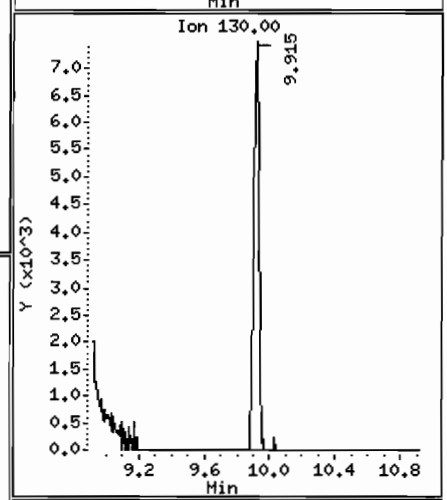


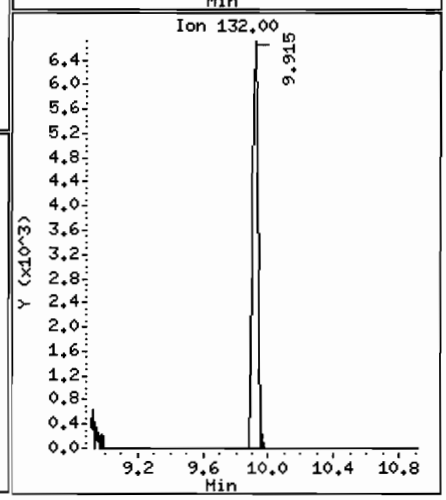












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790292d.d

Date : 02-APR-2009 12:01

Client ID: 16VP-21V3

Instrument: F.i

Sample Info: 20090316VP-21V3 :[103/16/09 @1406(AIR)

Purge Volume: 20.0

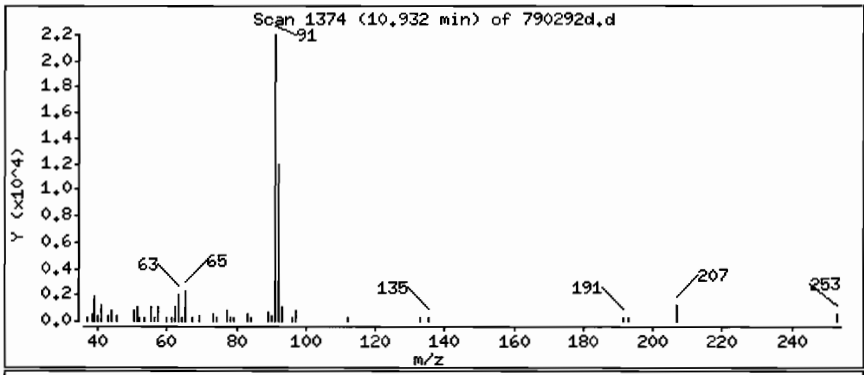
Operator: pad

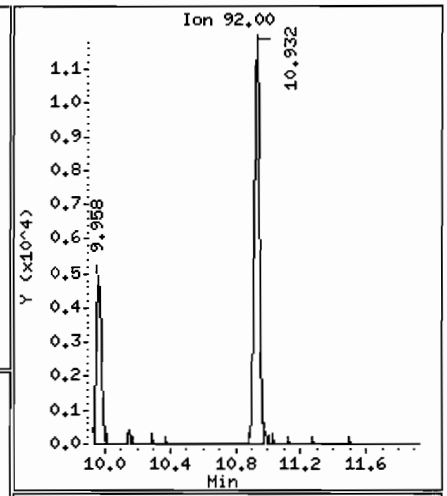
Column phase: RTX-624

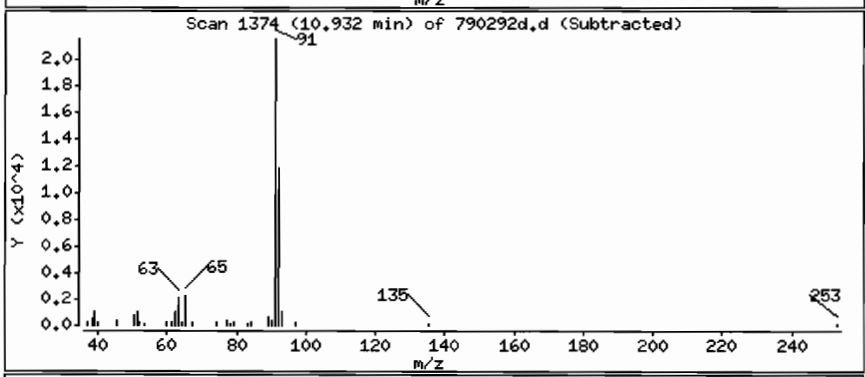
Column diameter: 0.32

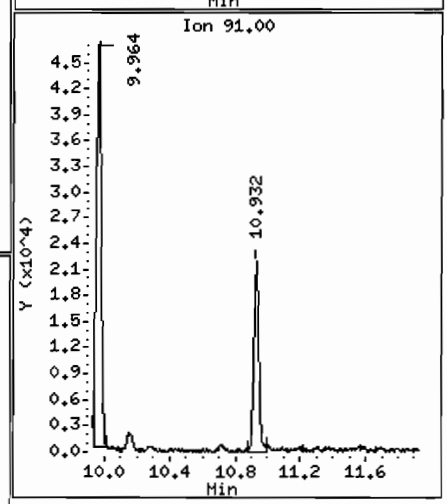
54 Toluene

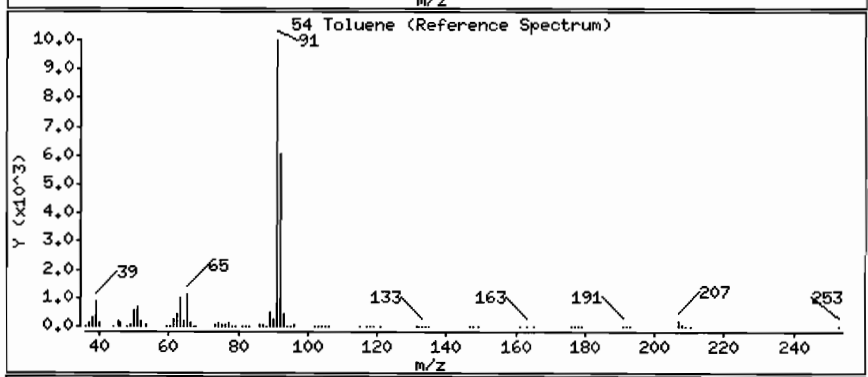
Concentration: 3.1 ppbv

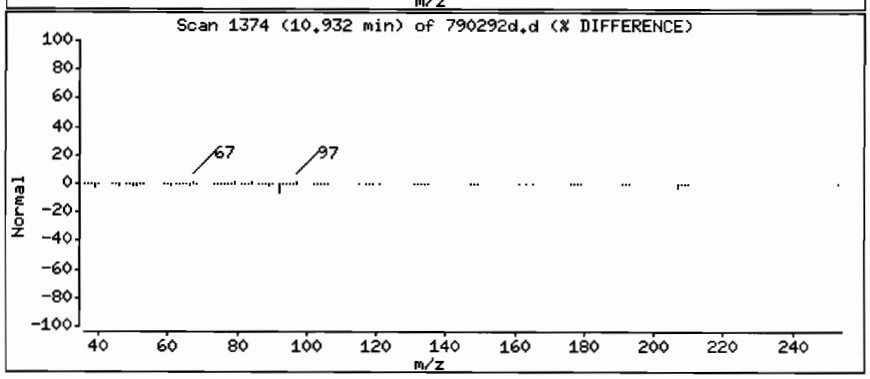












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790292d.d

Date : 02-APR-2009 12:01

Client ID: 16VP-21V3

Instrument: F.i

Sample Info: 20090316VP-21V3 :[ ]03/16/09 @1406(AIR)

Purge Volume: 20.0

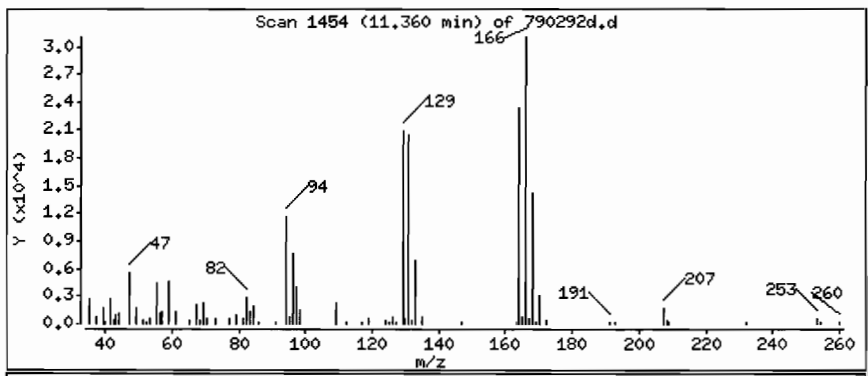
Operator: pad

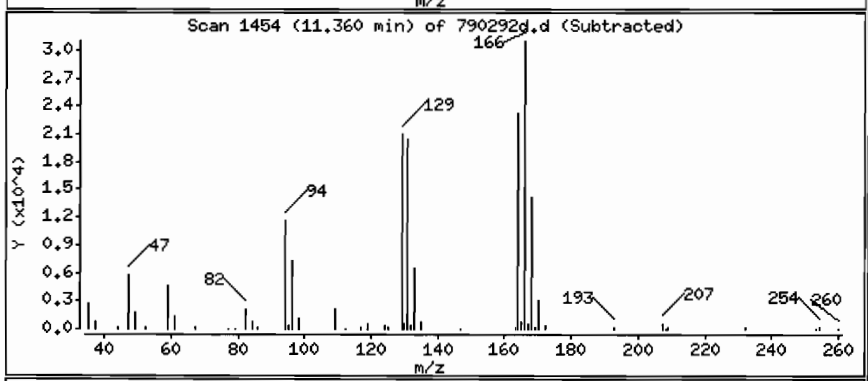
Column phase: RTX-624

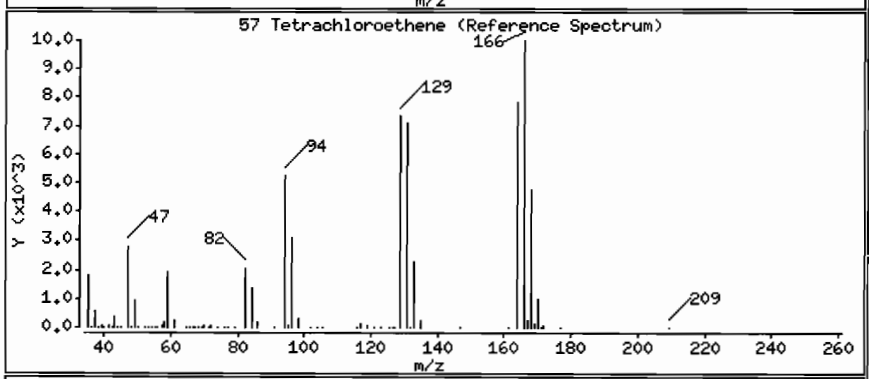
Column diameter: 0.32

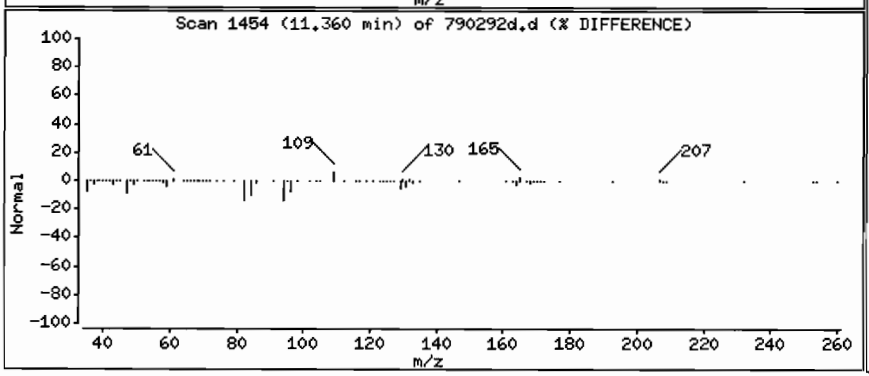
57 Tetrachloroethene

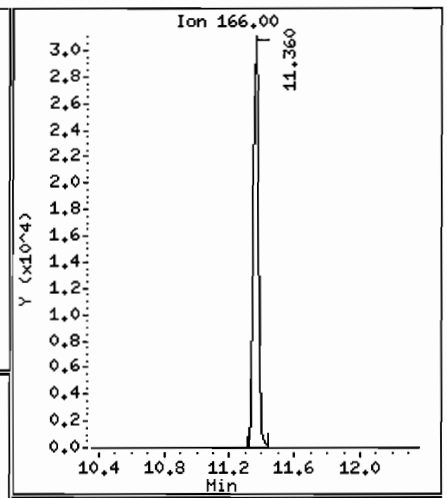
Concentration: 8.4 ppbv

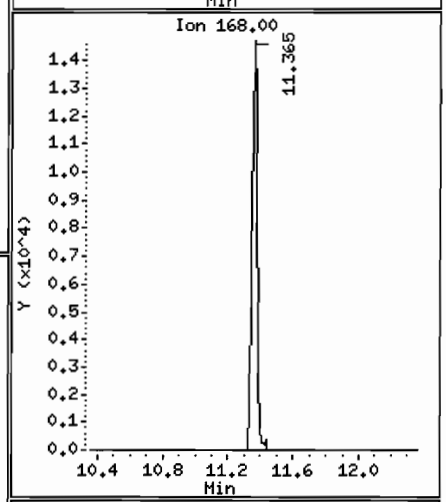


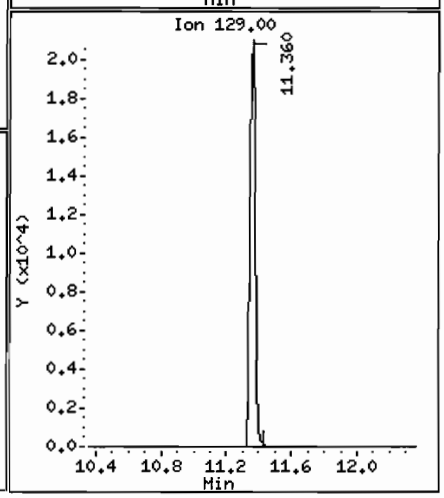










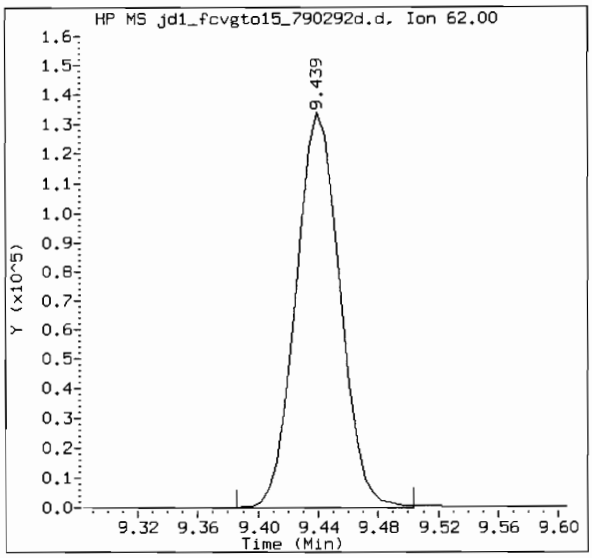


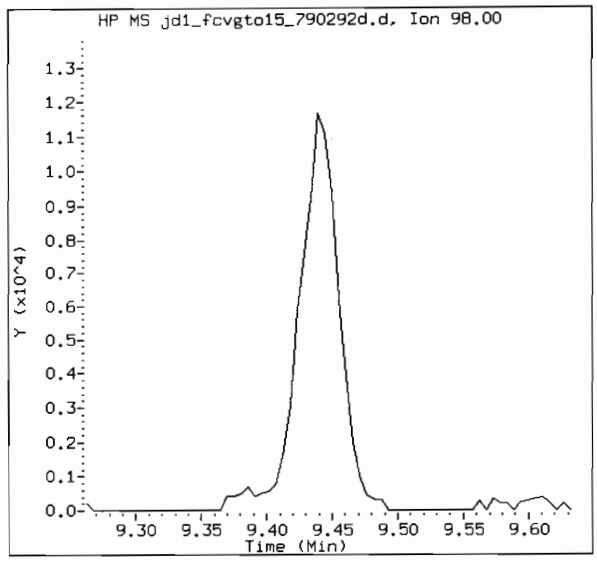
MANUAL INTEGRATION REPORT

Data File Name: 790292d.d
Client Sample ID: 16VP-21V3
Compound Name: 1,2-Dichloroethane

Inj. Date and Time: 02-APR-2009 12:01
Instrument ID: F.i
CAS #: 107-06-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:30





Original Integrations:

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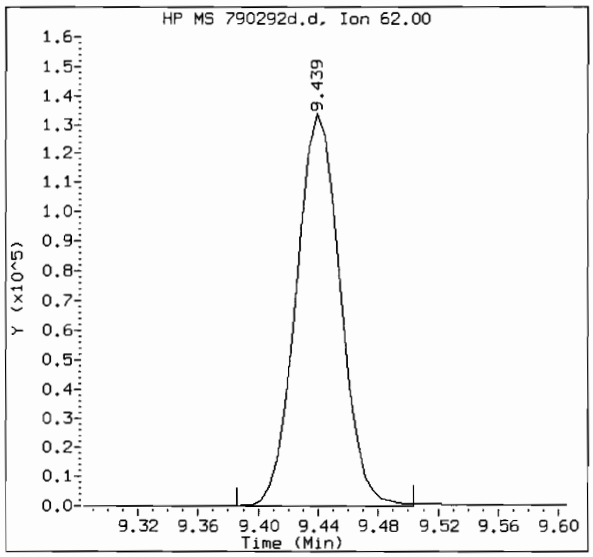
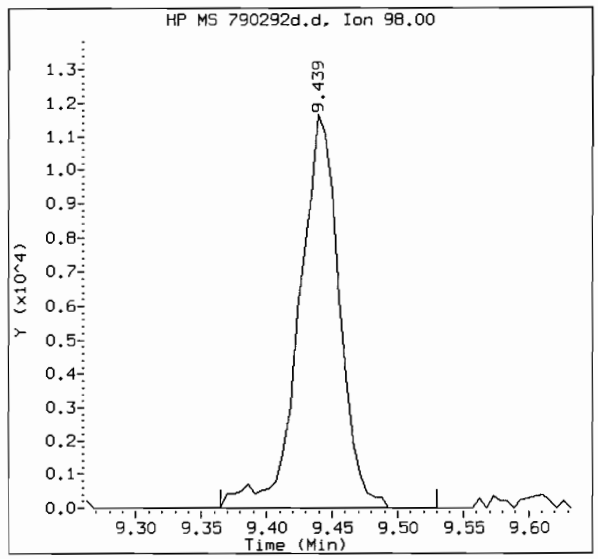
Area = 801716





Final Integrations:

Area = 273950

Area = 25020

Manual Integration Reason: MI1 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

16VP-22V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790291

Sample wt/vol: 23.00 (g/mL) ML Lab File ID: 790291D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 99.1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	50	U
75-01-4	Vinyl Chloride	180	
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	50	U
75-35-4	1,1-Dichloroethene	25	
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	20	U
75-34-3	1,1-Dichloroethane	20	U
78-93-3	Methyl Ethyl Ketone	50	U
156-59-2	cis-1,2-Dichloroethene	510	
67-66-3	Chloroform	26	
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	24	
79-01-6	Trichloroethene	190	
78-87-5	1,2-Dichloropropane	66	
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	20	
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	2700	
591-78-6	Methyl Butyl Ketone	50	U
124-48-1	Dibromochloromethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
1330-20-7	Xylene (m,p)	50	U
95-47-6	Xylene (o)	20	U
100-42-5	Styrene	20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

16VP-22V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790291

Sample wt/vol: 23.00 (g/mL) ML Lab File ID: 790291D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 99.1

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

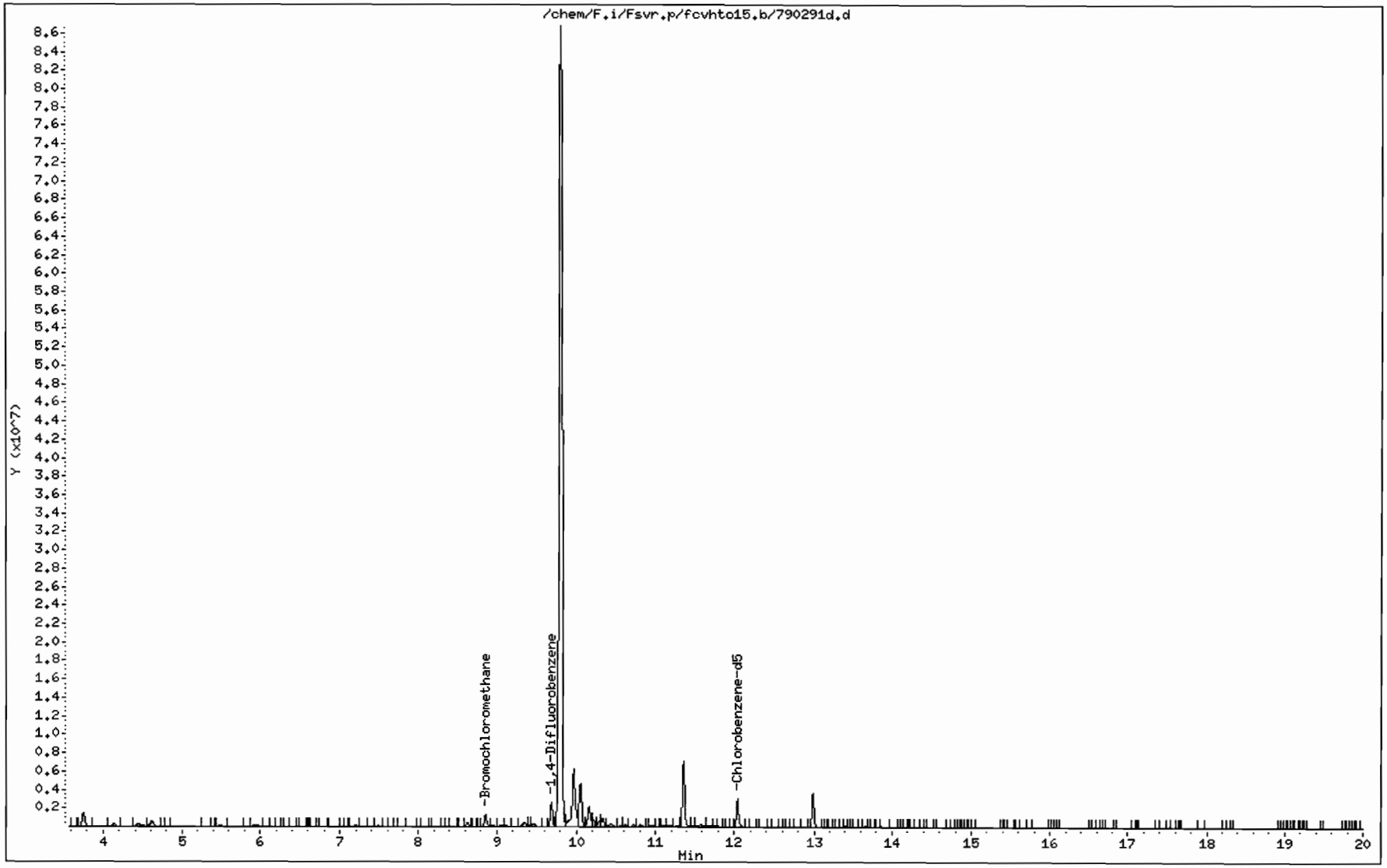
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790291d.d
Date : 03-APR-2009 01:37
Client ID: 16VP-22V3
Sample Info: 20090316VP-22V3 :[ ]03/16/09 @1334(AIR)
Purge Volume: 23.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/790291d.d
Lab Smp Id: 790291 Client Smp ID: 16VP-22V3
Inj Date : 03-APR-2009 01:37
Operator : pad Inst ID: F.i
Smp Info : 20090316VP-22V3 :[ ]03/16/09 @1334(AIR)
Misc Info : 790291;040209FA;99.1;23;cdf11.4
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 4
Dil Factor: 99.10000
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	99.10000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	23.00000	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	4.528	4.518	(0.511)	57490	1.77269	180
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	6.647	6.636	(0.750)	8622	0.24840	25(Q)
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	8.631	8.631	(0.974)	210696	5.14554	510
* 32 Bromochloromethane	128	8.862	8.861	(1.000)	465707	10.0000	(Q)
34 Chloroform	83	8.894	8.894	(1.004)	23536	0.26263	26
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	9.439	9.439	(0.975)	16465	0.24430	24(QM)
*	43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2446621	10.0000	
	45 Trichloroethene	95	9.915	9.915	(1.024)	117457	1.94969	190
	47 1,2-Dichloropropane	63	10.140	10.129	(1.047)	23153	0.66888	66(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	10.932	10.926	(0.908)	19017	0.20655	20
	55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	56 1,1,2-Trichloroethane	83	Compound Not Detected.					
	57 Tetrachloroethene	166	11.360	11.360	(0.943)	2534868	27.4063	2700
	58 Methyl Butyl Ketone	43	Compound Not Detected.					
	59 Dibromochloromethane	129	Compound Not Detected.					
*	61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	2105935	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/F.i/Fsvr.p/fcvhto15.b/790291d.d

Date : 03-APR-2009 01:37

Client ID: 16VP-22V3

Instrument: F.i

Sample Info: 20090316VP-22V3 :[103/16/09 @1334(AIR)

Purge Volume: 23.0

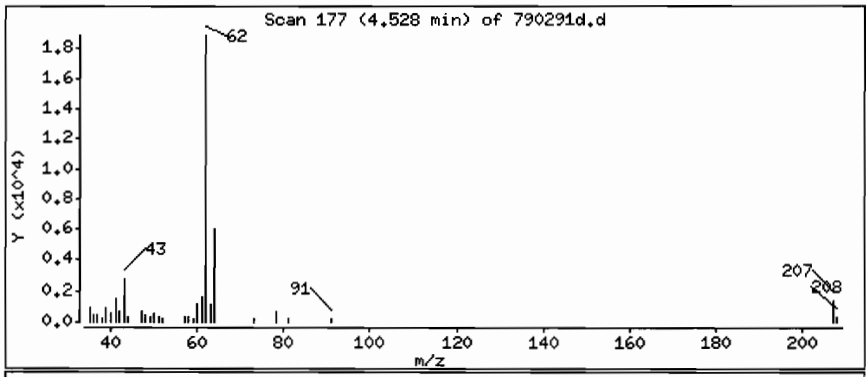
Operator: pad

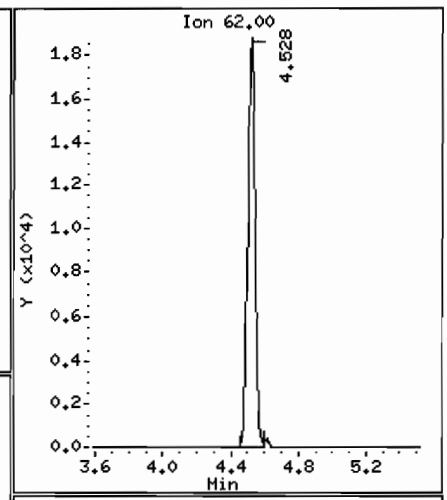
Column phase: RTX-624

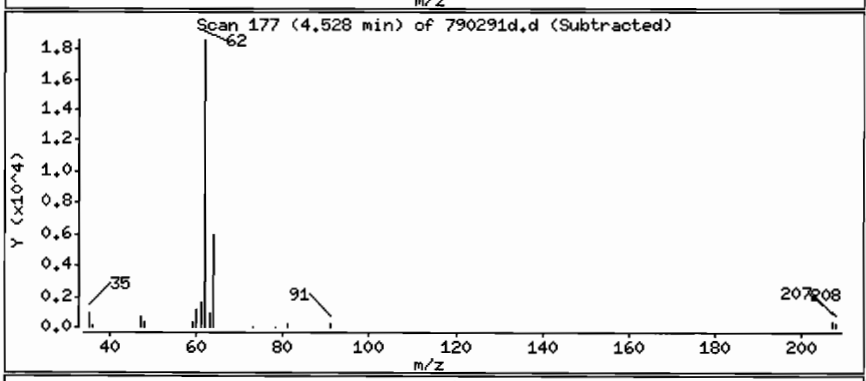
Column diameter: 0.32

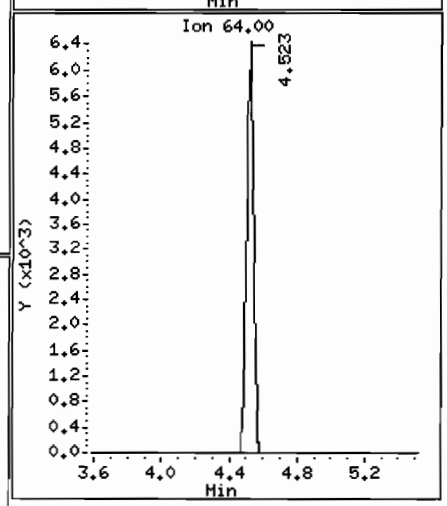
6 Vinyl Chloride

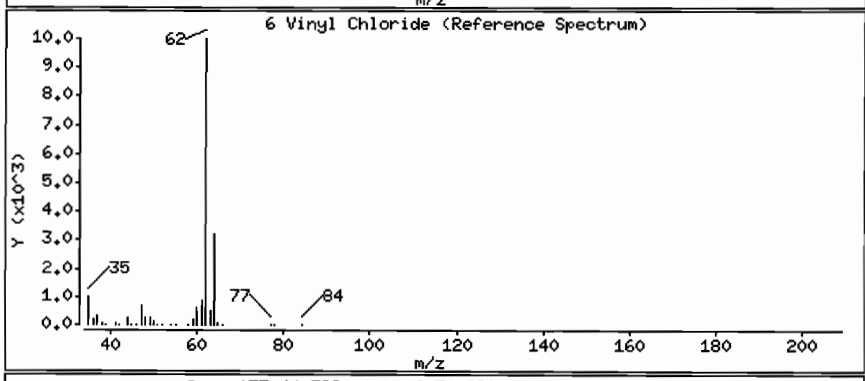
Concentration: 180 ppbv

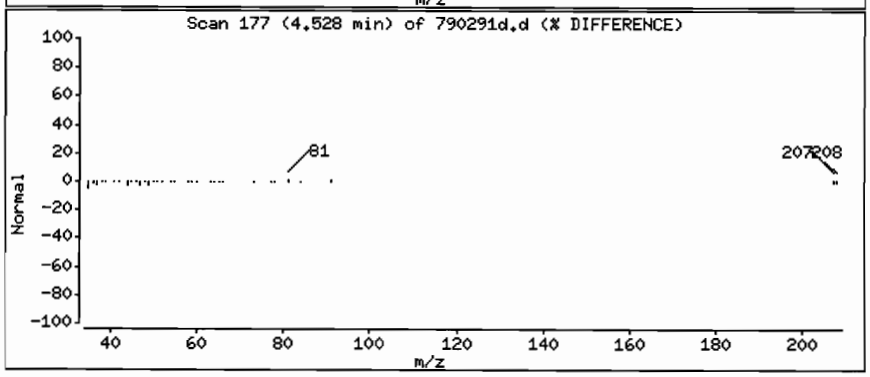












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790291d.d

Date : 03-APR-2009 01:37

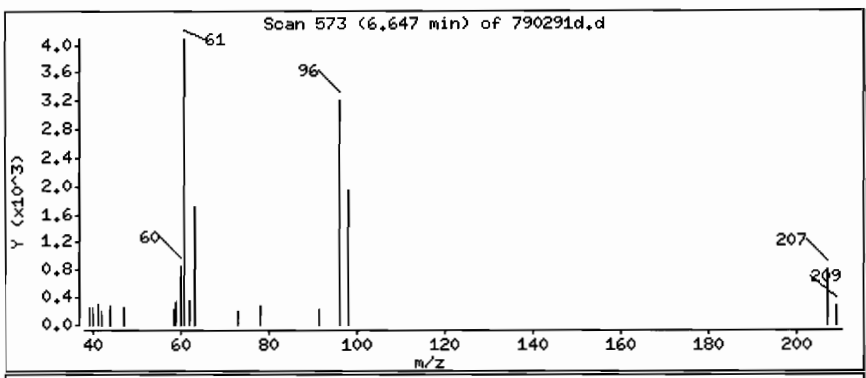
Client ID: 16VP-22V3 | Instrument: F.i

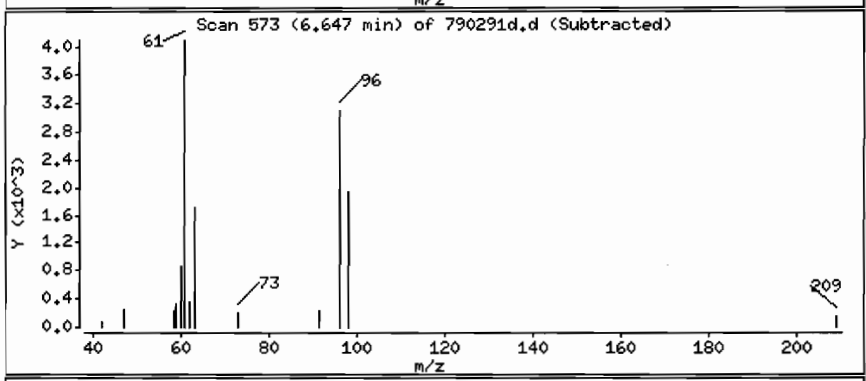
Sample Info: 20090316VP-22V3 :[ ]03/16/09 @1334(AIR)

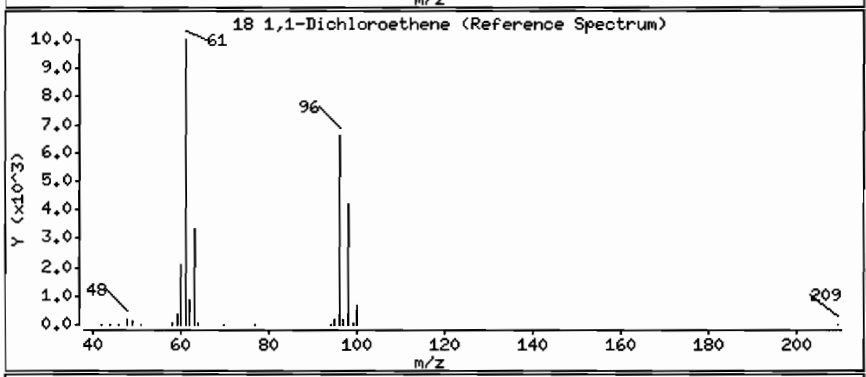
Purge Volume: 23.0 | Operator: pad

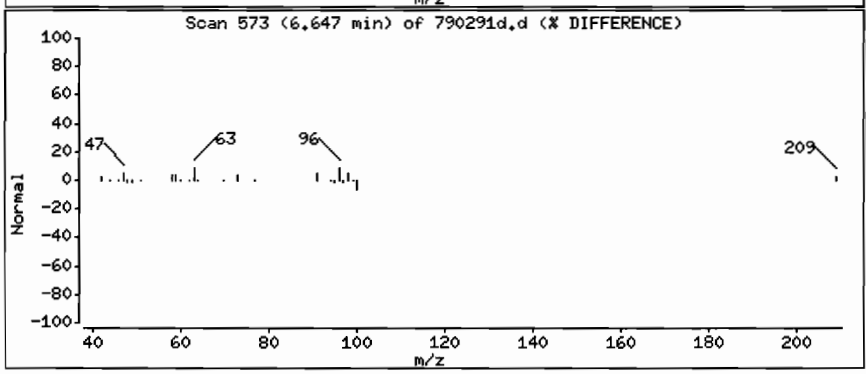
Column phase: RTX-624 | Column diameter: 0.32

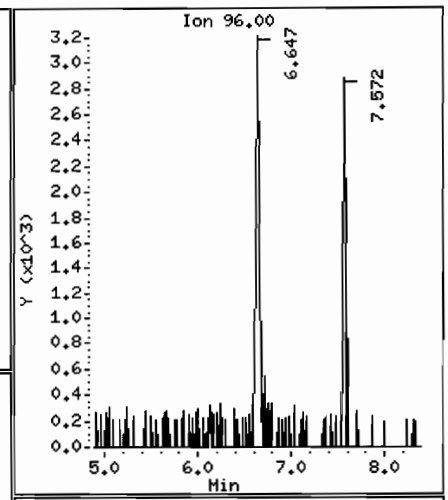
18 1,1-Dichloroethene | Concentration: 25 ppbv

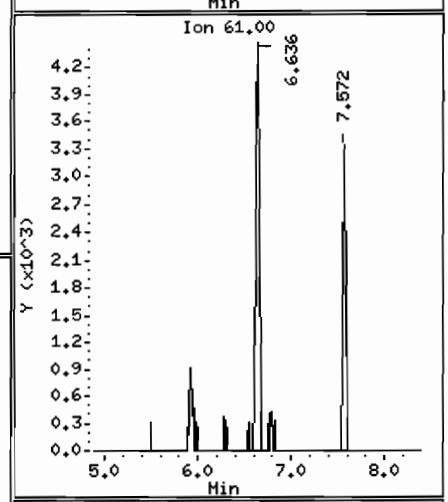


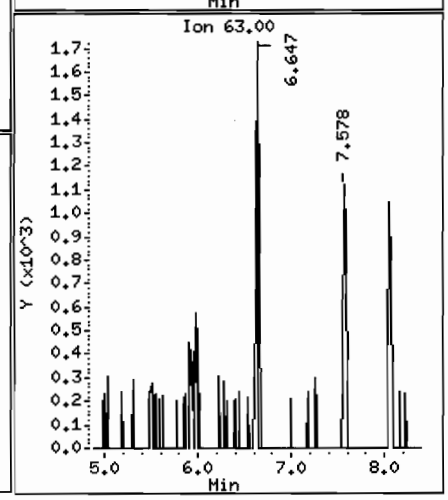












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790291d.d

Page 6

Date : 03-APR-2009 01:37

Client ID: 16VP-22V3

Instrument: F.i

Sample Info: 20090316VP-22V3 :[103/16/09 @1334(AIR)

Purge Volume: 23.0

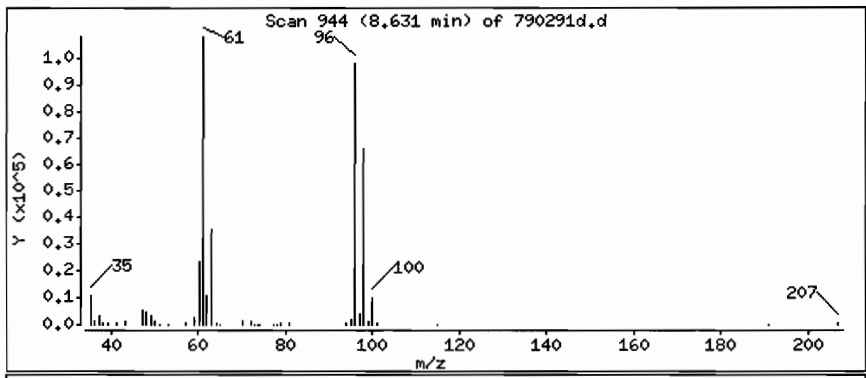
Operator: pad

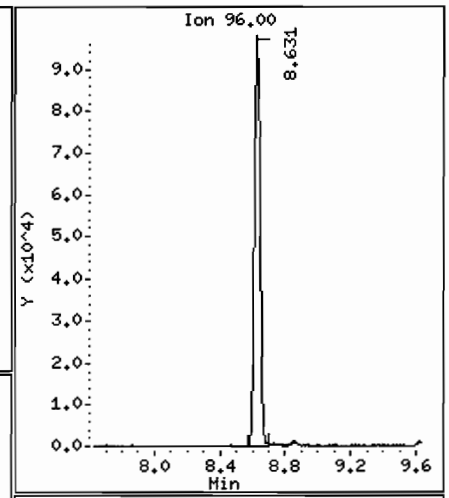
Column phase: RTX-624

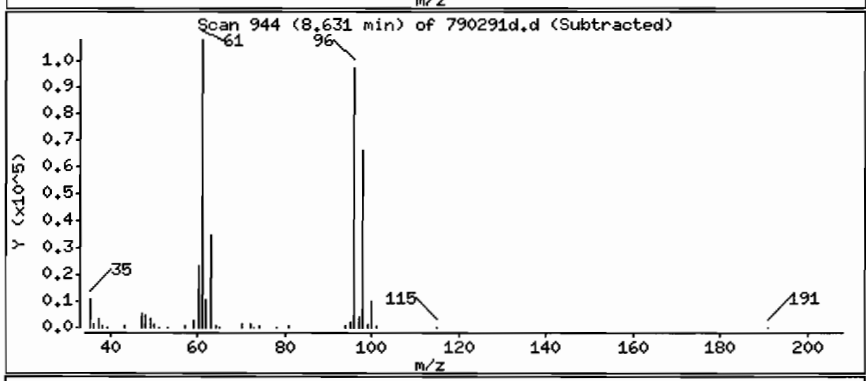
Column diameter: 0.32

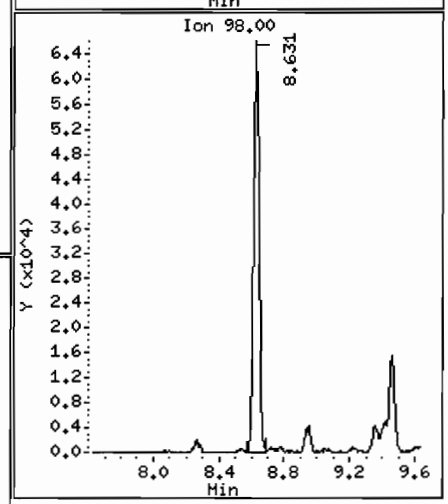
31 cis-1,2-Dichloroethene

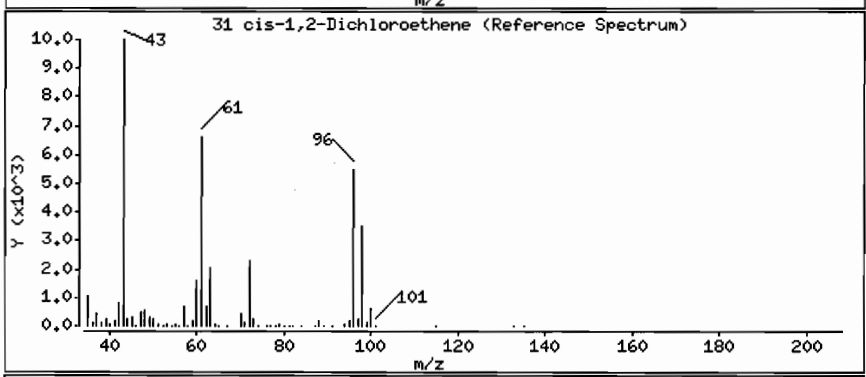
Concentration: 510 ppbv

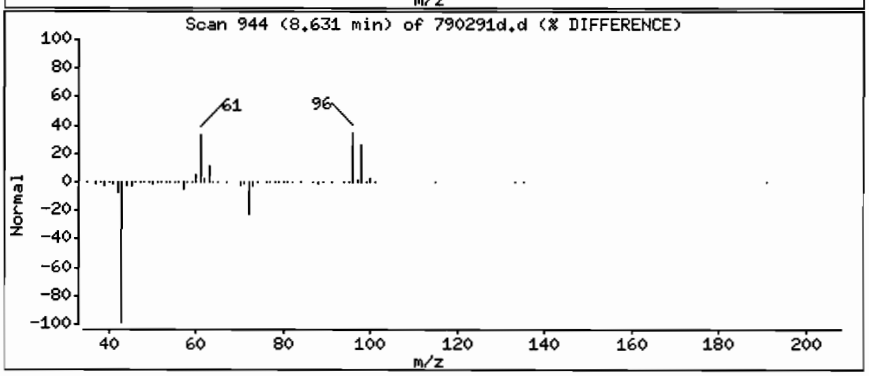












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Date : 03-APR-2009 01:37

Client ID: 16VP-22V3

Instrument: F.i

Sample Info: 20090316VP-22V3 :[ ]03/16/09 @1334(AIR)

Purge Volume: 23.0

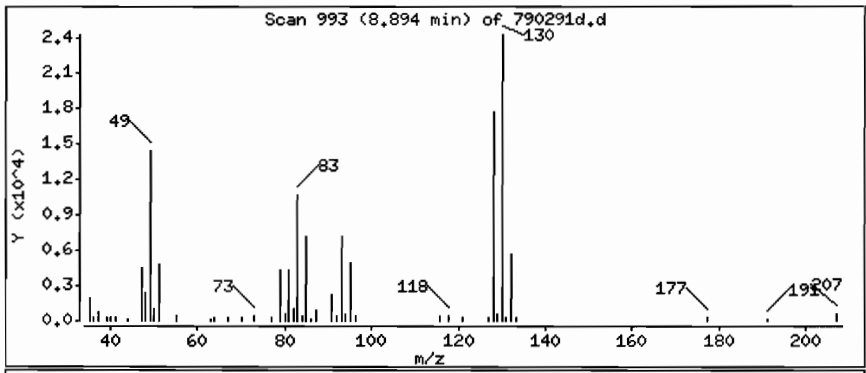
Operator: pad

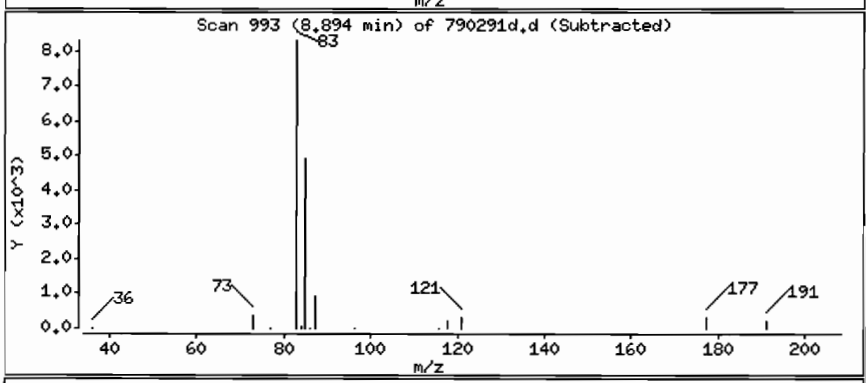
Column phase: RTX-624

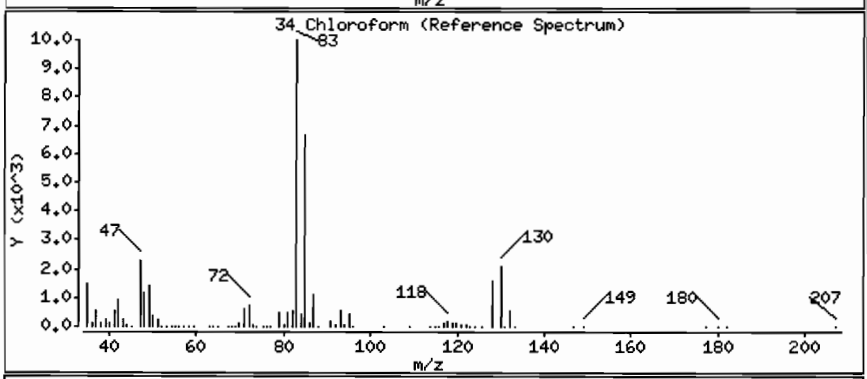
Column diameter: 0.32

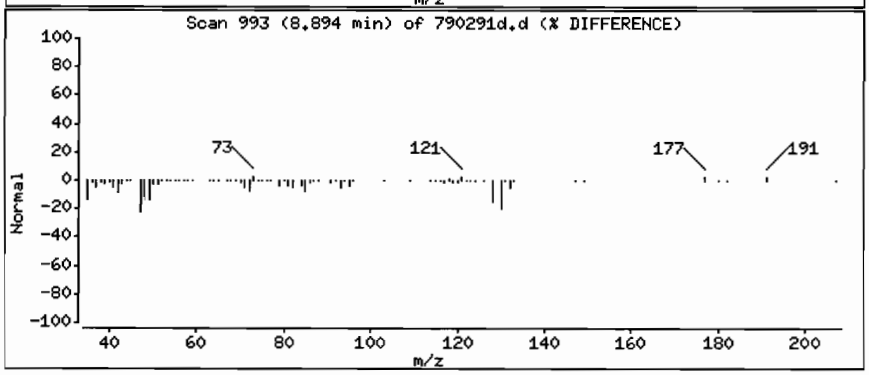
34 Chloroform

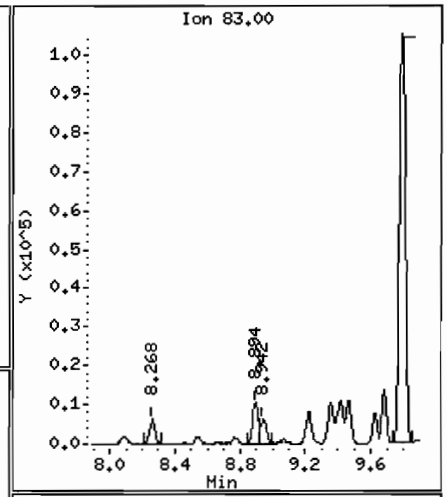
Concentration: 26 ppbv

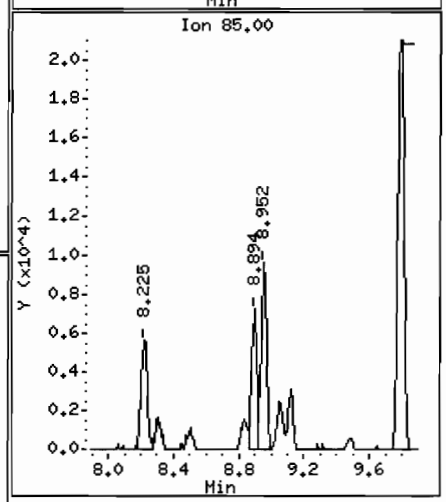












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790291d.d

Date : 03-APR-2009 01:37

Client ID: 16VP-22V3

Instrument: F.i

Sample Info: 20090316VP-22V3 :[ ]03/16/09 @1334(AIR)

Purge Volume: 23.0

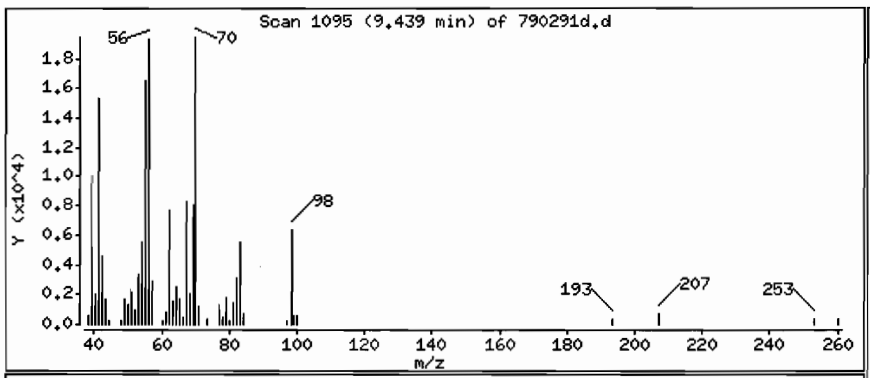
Operator: pad

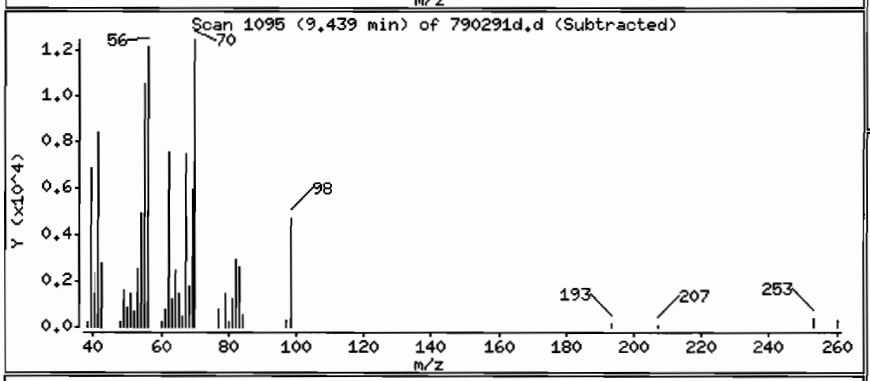
Column phase: RTX-624

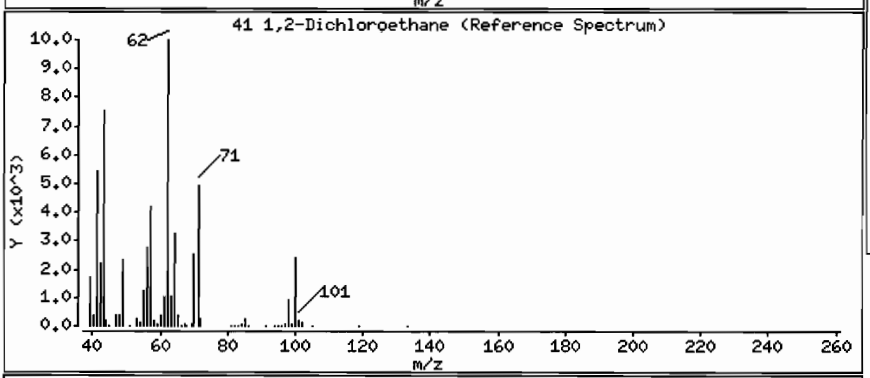
Column diameter: 0.32

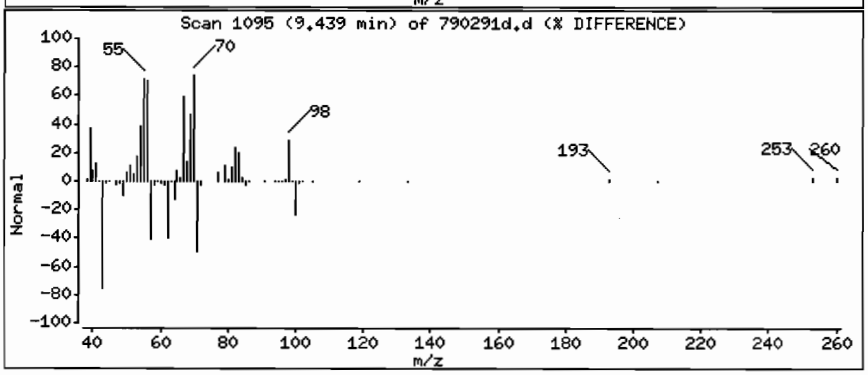
41 1,2-Dichloroethane

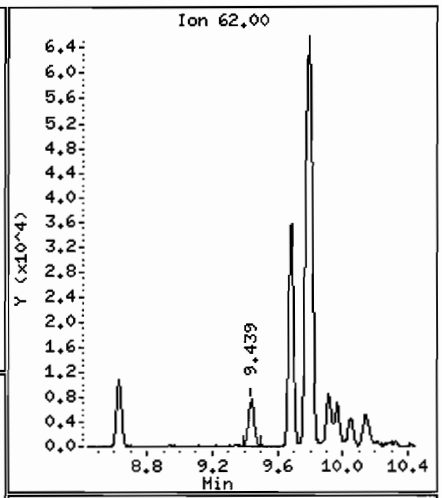
Concentration: 24 ppbv

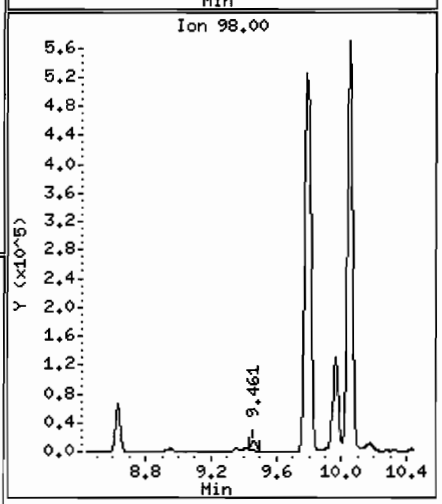












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790291d.d

Date : 03-APR-2009 01:37

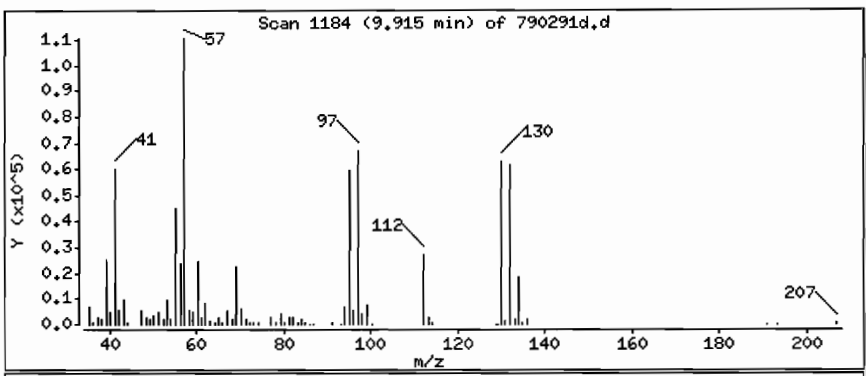
Client ID: 16VP-22V3 | Instrument: F.i

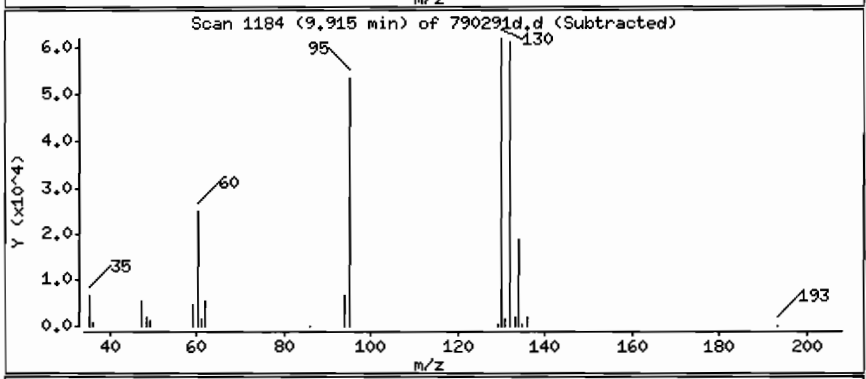
Sample Info: 20090316VP-22V3 :[ ]03/16/09 @1334(AIR)

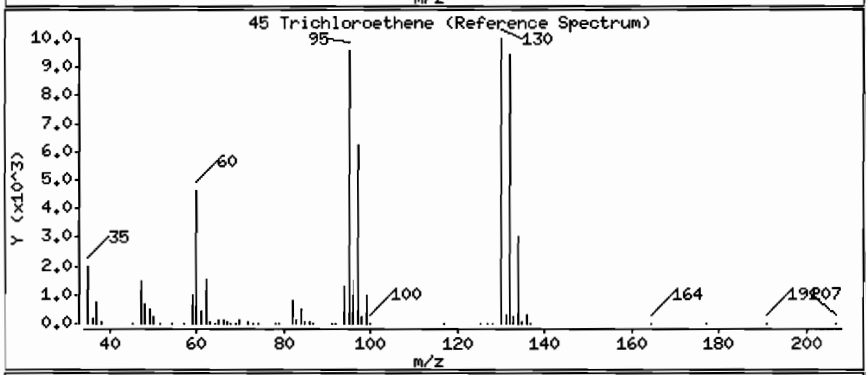
Purge Volume: 23.0 | Operator: pad

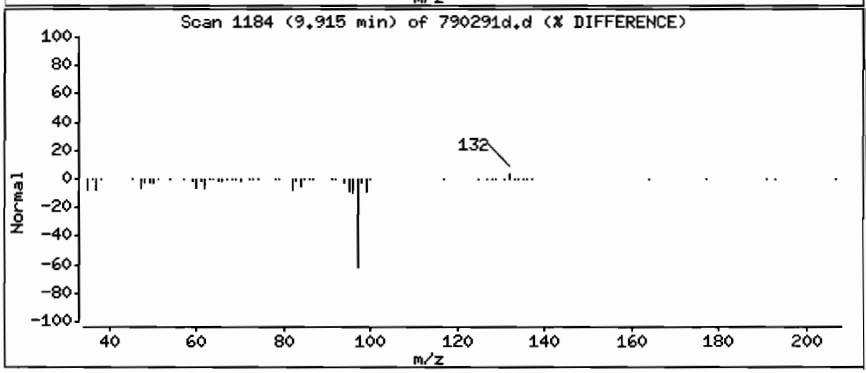
Column phase: RTX-624 | Column diameter: 0.32

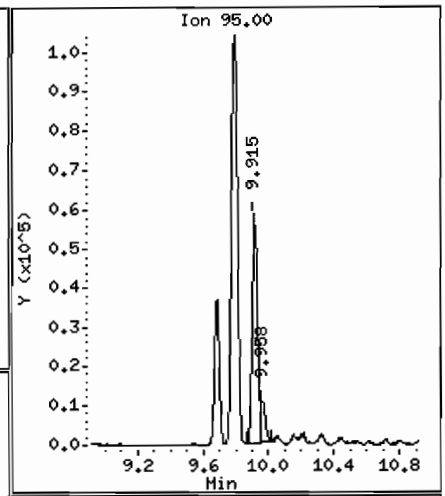
45 Trichloroethene | Concentration: 190 ppbv

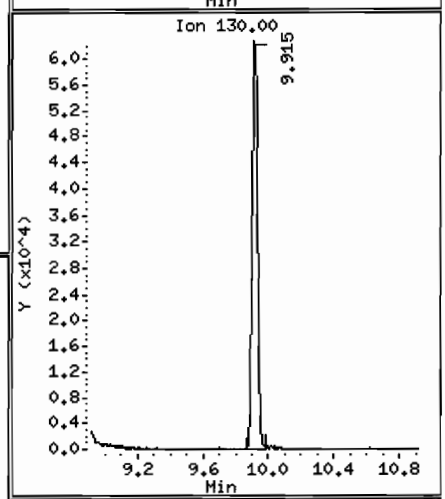


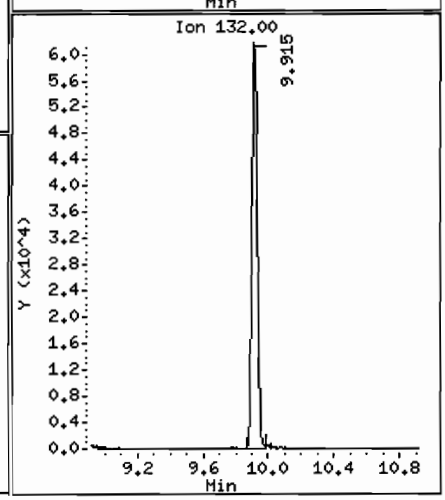












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790291d.d

Date : 03-APR-2009 01:37

Client ID: 16VP-22V3

Instrument: F.i

Sample Info: 20090316VP-22V3 :[ ]03/16/09 @1334(AIR)

Purge Volume: 23.0

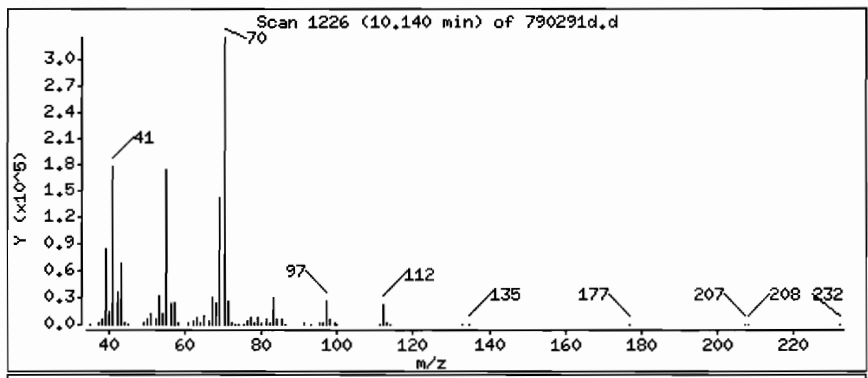
Operator: pad

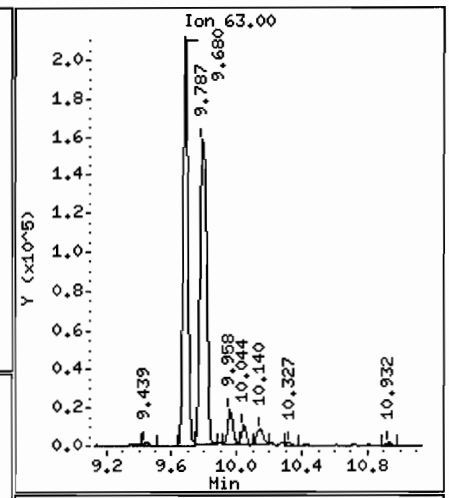
Column phase: RTX-624

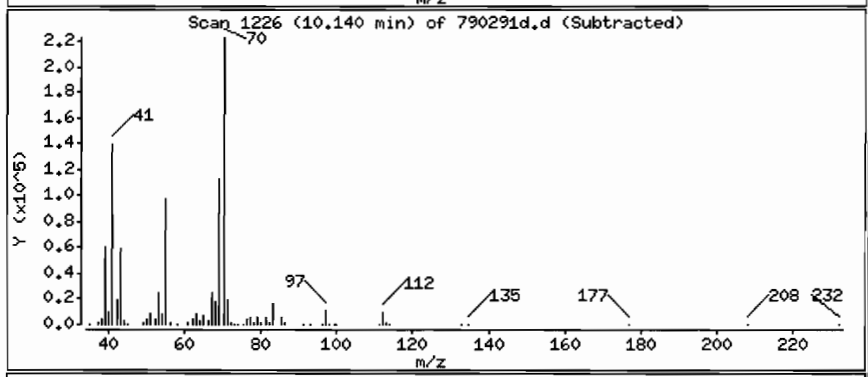
Column diameter: 0.32

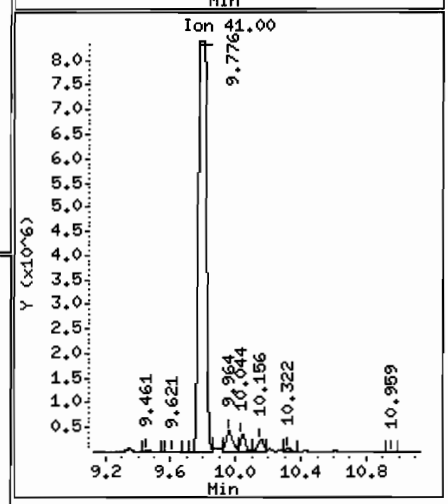
47 1,2-Dichloropropane

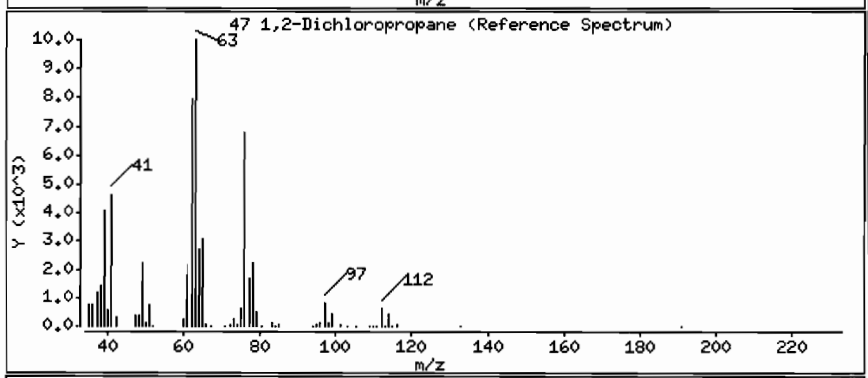
Concentration: 66 ppbv

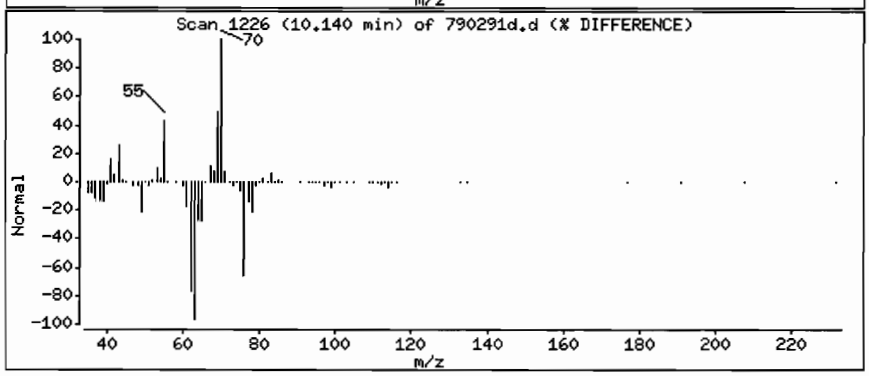












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Date : 03-APR-2009 01:37

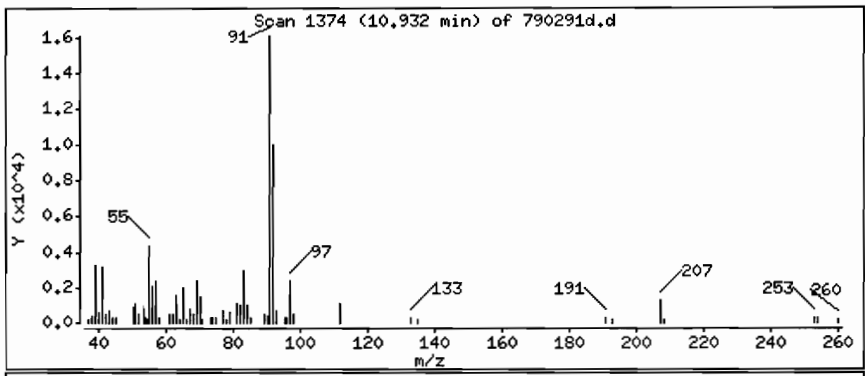
Client ID: 16VP-22V3 Instrument: F.i

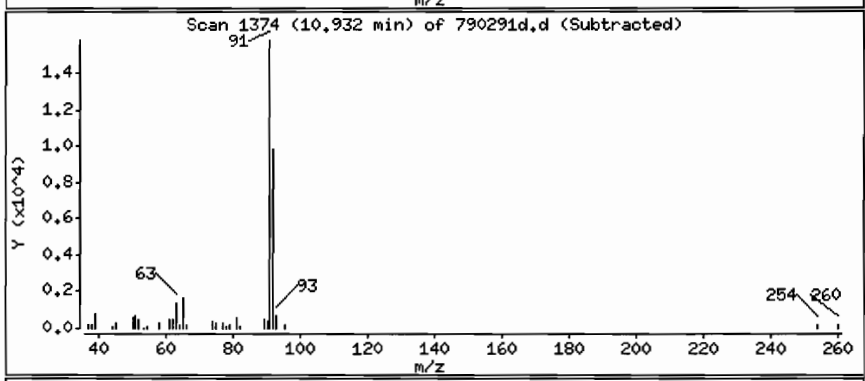
Sample Info: 20090316VP-22V3 :[ ]03/16/09 @1334(AIR)

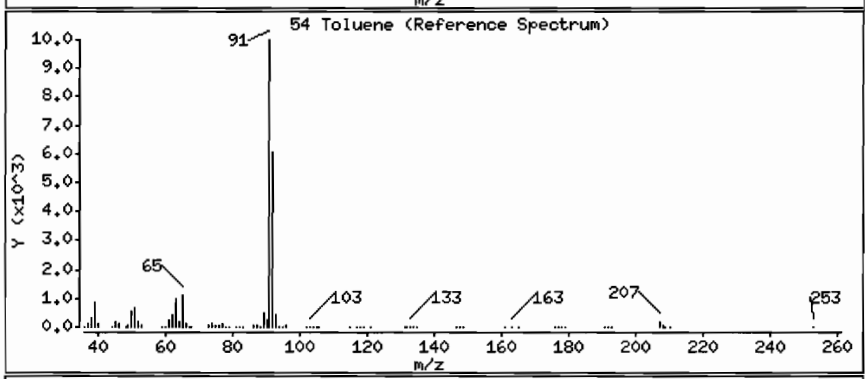
Purge Volume: 23.0 Operator: pad

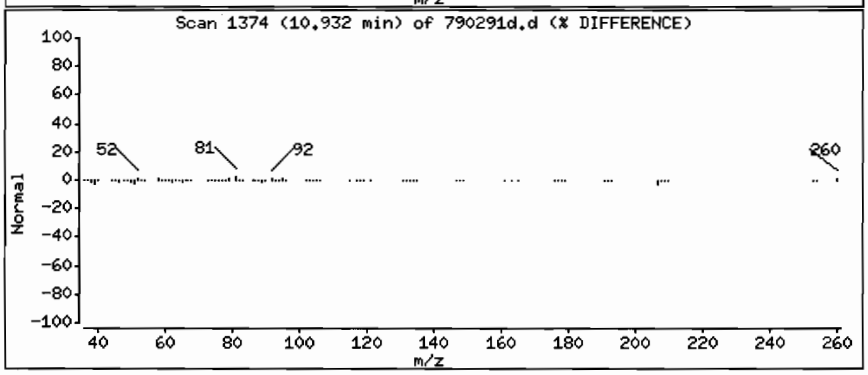
Column phase: RTX-624 Column diameter: 0.32

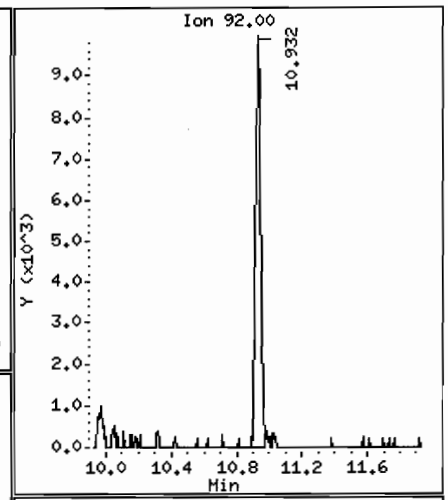
54 Toluene Concentration: 20 ppbv

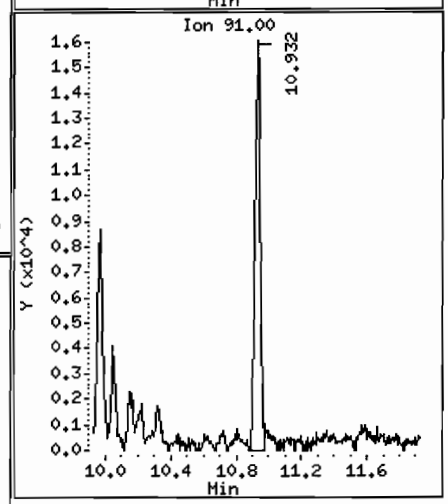












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Date : 03-APR-2009 01:37

Client ID: 16VP-22V3

Instrument: F.i

Sample Info: 20090316VP-22V3 :[ ]03/16/09 @1334(AIR)

Purge Volume: 23.0

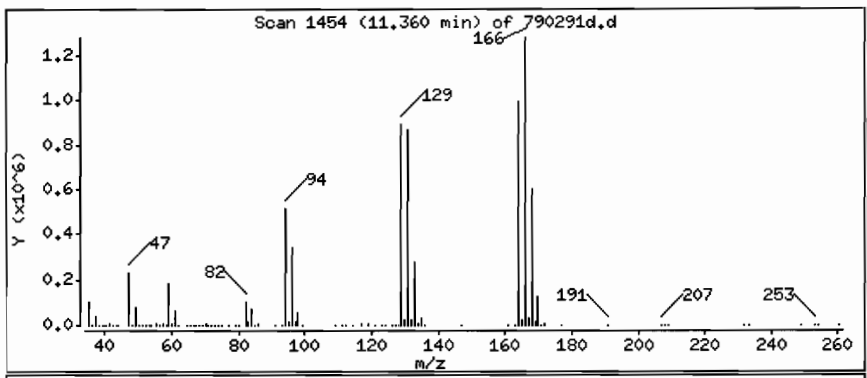
Operator: pad

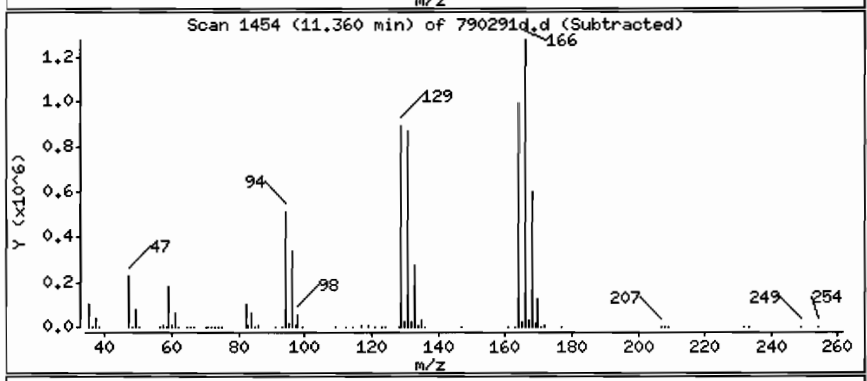
Column phase: RTX-624

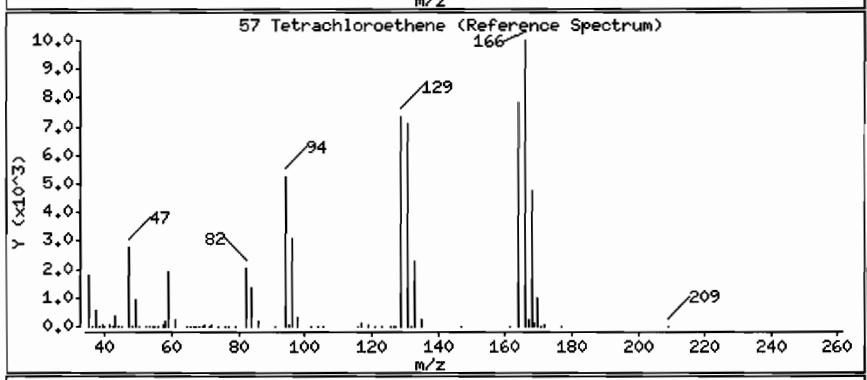
Column diameter: 0.32

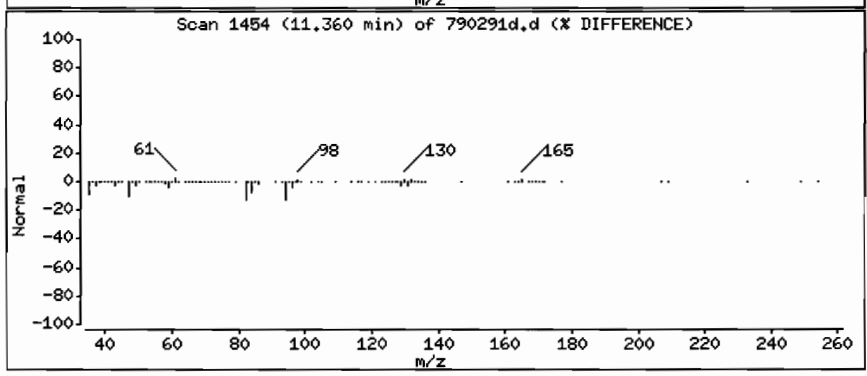
57 Tetrachloroethene

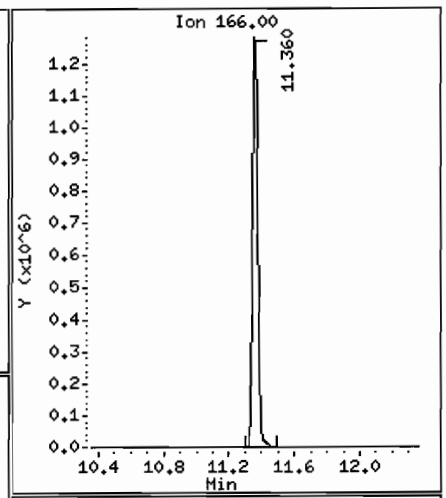
Concentration: 2700 ppbv

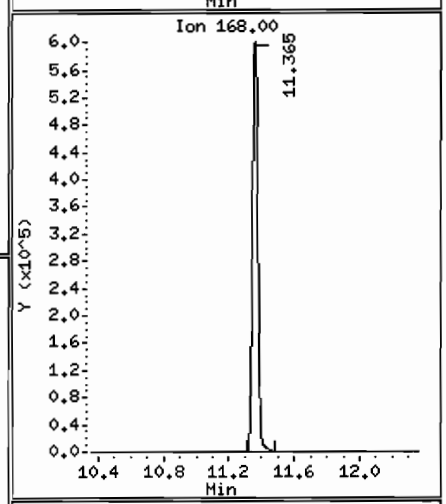


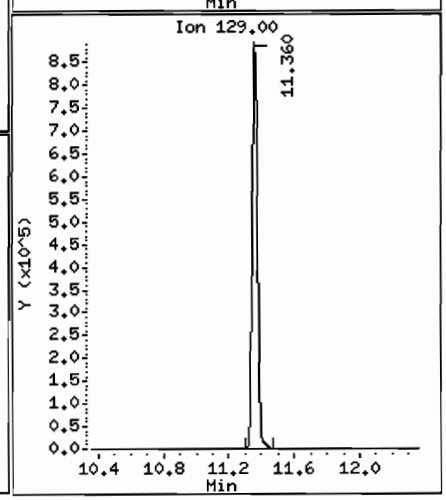










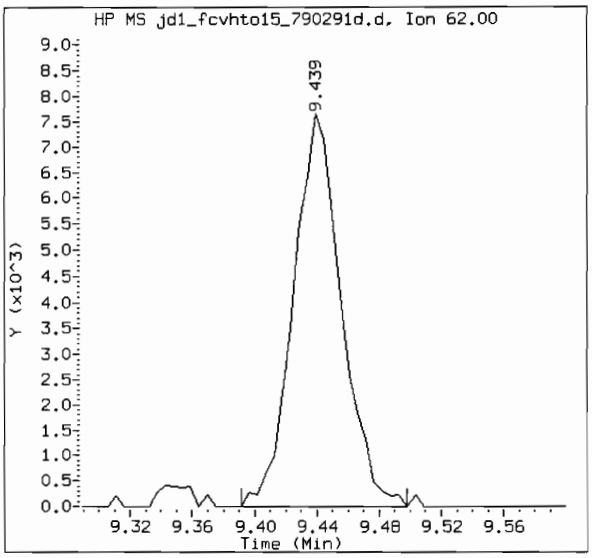


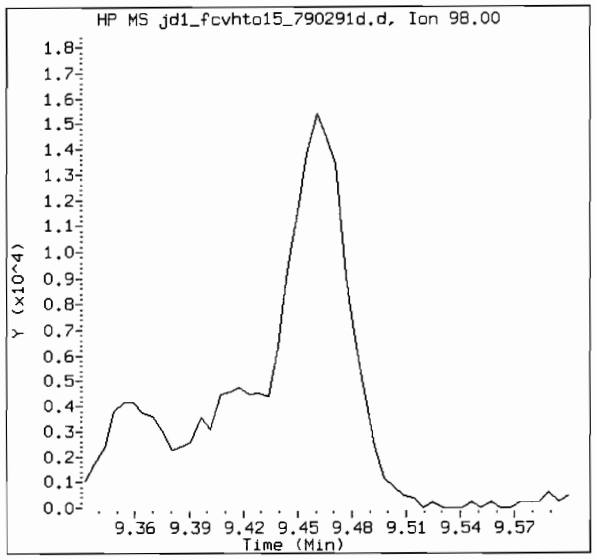
MANUAL INTEGRATION REPORT

Data File Name: 790291d.d
Client Sample ID: 16VP-22V3
Compound Name: 1,2-Dichloroethane

Inj. Date and Time: 03-APR-2009 01:37
Instrument ID: F.i
CAS #: 107-06-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:34





Original Integrations:

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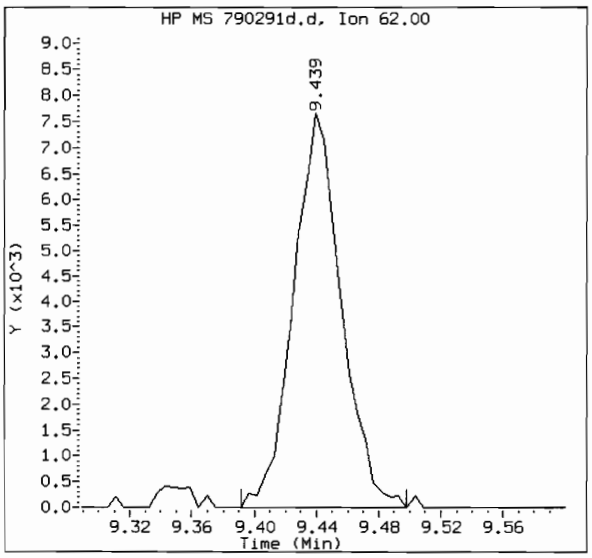
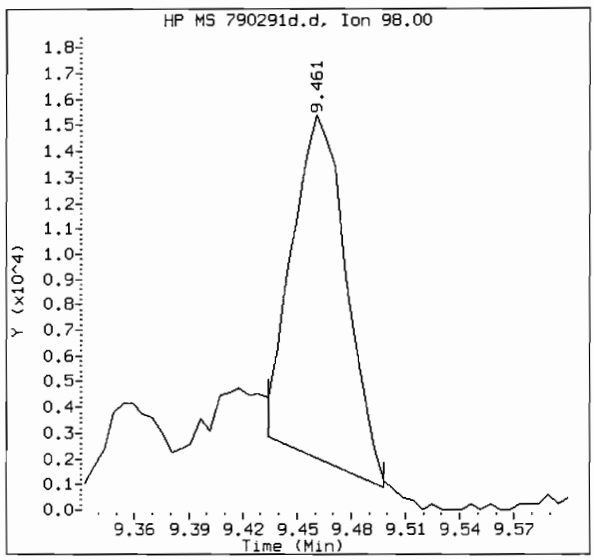
Area = 1414214





Final Integrations:

Area = 16465

Area = 28215

Manual Integration Reason: MI1 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

16VP-27V5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790293

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 790293D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3670.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	1800	U
75-01-4	Vinyl Chloride	730	U
74-83-9	Bromomethane	730	U
75-00-3	Chloroethane	1800	U
75-35-4	1,1-Dichloroethene	730	U
67-64-1	Acetone	18000	U
75-15-0	Carbon Disulfide	1800	U
75-09-2	Methylene Chloride	1800	U
156-60-5	trans-1,2-Dichloroethene	1600	
75-34-3	1,1-Dichloroethane	730	U
78-93-3	Methyl Ethyl Ketone	1800	U
156-59-2	cis-1,2-Dichloroethene	97000	
67-66-3	Chloroform	730	U
71-55-6	1,1,1-Trichloroethane	730	U
56-23-5	Carbon Tetrachloride	730	U
71-43-2	Benzene	730	U
107-06-2	1,2-Dichloroethane	730	U
79-01-6	Trichloroethene	16000	
78-87-5	1,2-Dichloropropane	730	U
75-27-4	Bromodichloromethane	730	U
10061-01-5	cis-1,3-Dichloropropene	730	U
108-10-1	Methyl Isobutyl Ketone	1800	U
108-88-3	Toluene	730	U
10061-02-6	trans-1,3-Dichloropropene	730	U
79-00-5	1,1,2-Trichloroethane	730	U
127-18-4	Tetrachloroethene	140000	
591-78-6	Methyl Butyl Ketone	1800	U
124-48-1	Dibromochloromethane	730	U
108-90-7	Chlorobenzene	730	U
100-41-4	Ethylbenzene	730	U
1330-20-7	Xylene (m,p)	1800	U
95-47-6	Xylene (o)	730	U
100-42-5	Styrene	730	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

16VP-27V5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790293

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 790293D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3670.0

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

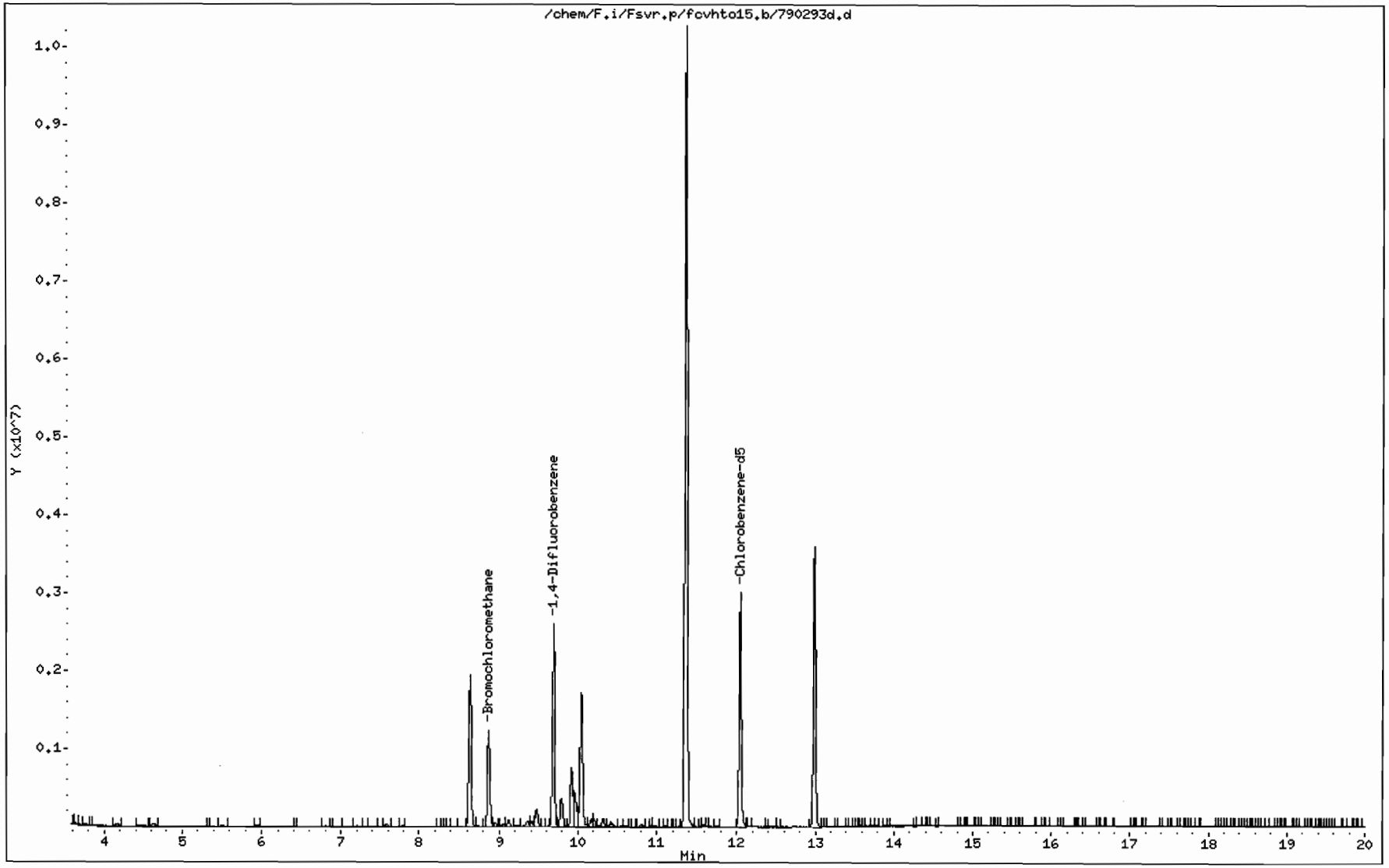
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	730	U
79-34-5	1,1,2,2-Tetrachloroethane	730	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790293d.d
Date : 03-APR-2009 08:49
Client ID: 16VP-27V5
Sample Info: 20090316VP-27V5 :[ ]03/16/09 @1415(AIR)
Purge Volume: 40.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/790293d.d
Lab Smp Id: 790293 Client Smp ID: 16VP-27V5
Inj Date : 03-APR-2009 08:49
Operator : pad Inst ID: F.i
Smp Info : 20090316VP-27V5 :[ ]03/16/09 @1415(AIR)
Misc Info : 790293;040209FA;3670;40;cdf733
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 12
Dil Factor: 3670.00000
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	3670.00000	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	7.588	7.572	(0.856)	22439	0.44397	1600
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	1039181	26.4448	97000
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	446929	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	9.685	9.685	(1.000)	2346894	10.0000	
45 Trichloroethene	95	9.915	9.915	(1.024)	255379	4.41922	16000
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	11.360	11.360	(0.943)	3580362	38.7443	140000
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	2104064	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/F.i/Fsvr.p/fcvhto15.b/790293d.d

Date : 03-APR-2009 08:49

Client ID: 16VP-27V5

Instrument: F.i

Sample Info: 20090316VP-27V5 :[ ]03/16/09 @1415(AIR)

Purge Volume: 40.0

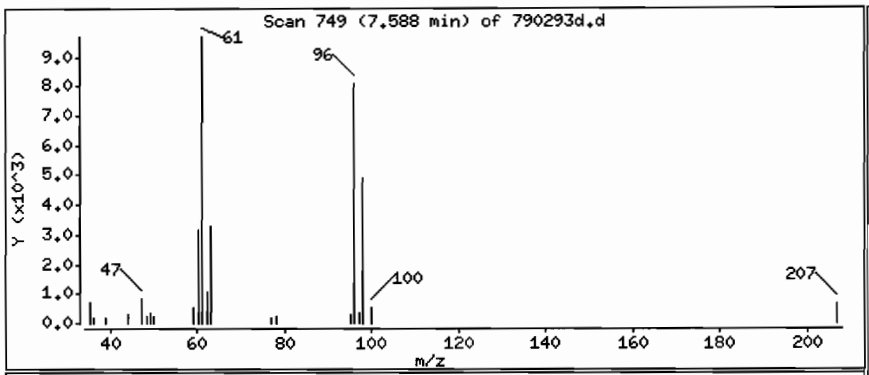
Operator: pad

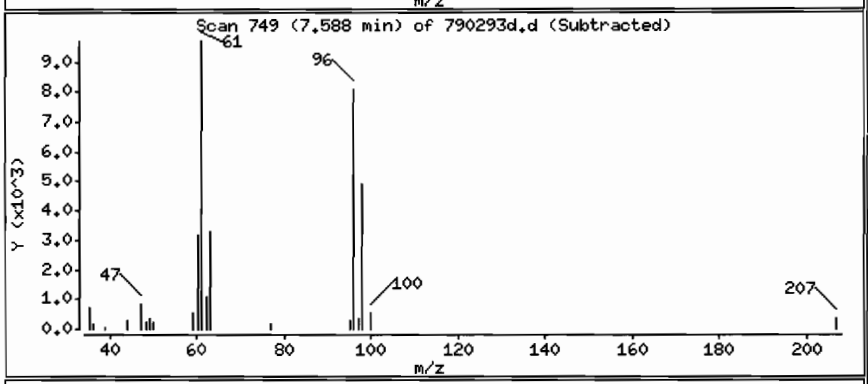
Column phase: RTX-624

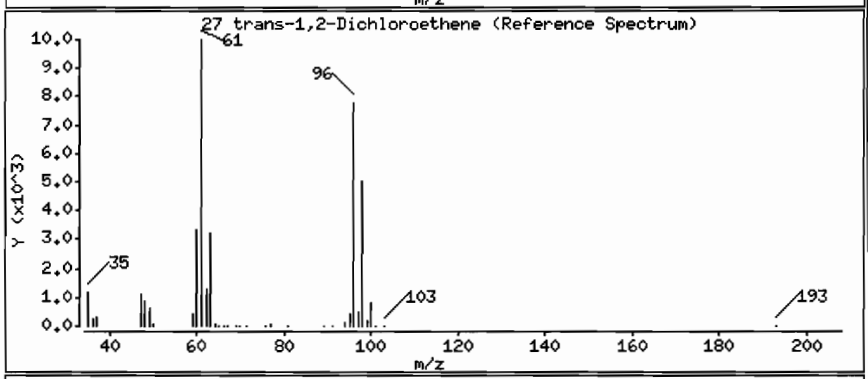
Column diameter: 0.32

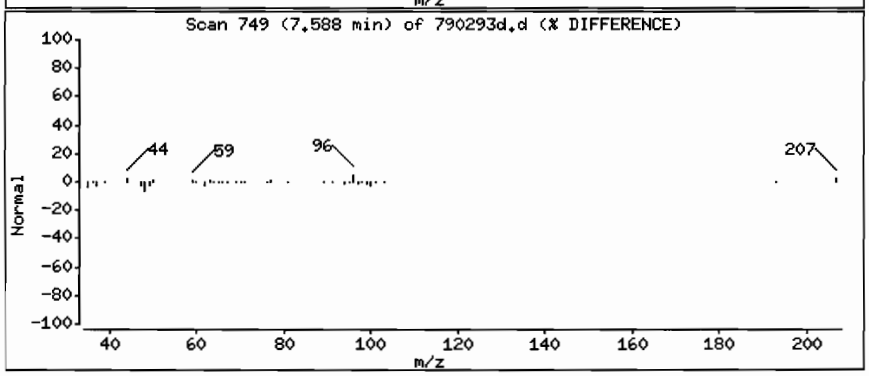
27 trans-1,2-Dichloroethene

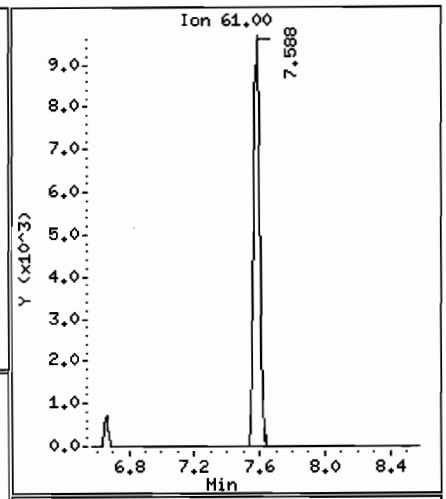
Concentration: 1600 ppbv

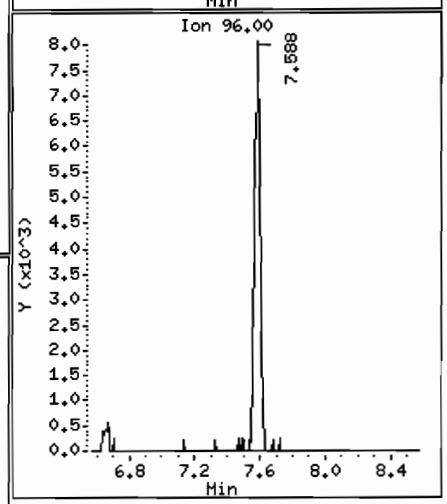












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790293d.d

Page 5

Date : 03-APR-2009 08:49

Client ID: 16VP-27V5

Instrument: F.i

Sample Info: 20090316VP-27V5 :[J03/16/09 @1415(AIR)

Purge Volume: 40.0

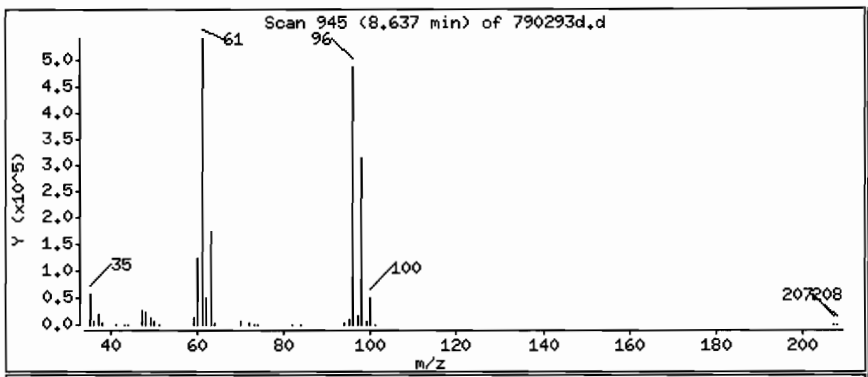
Operator: pad

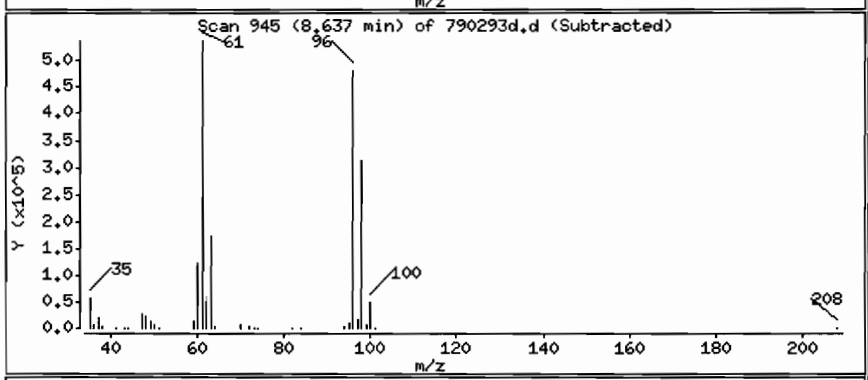
Column phase: RTX-624

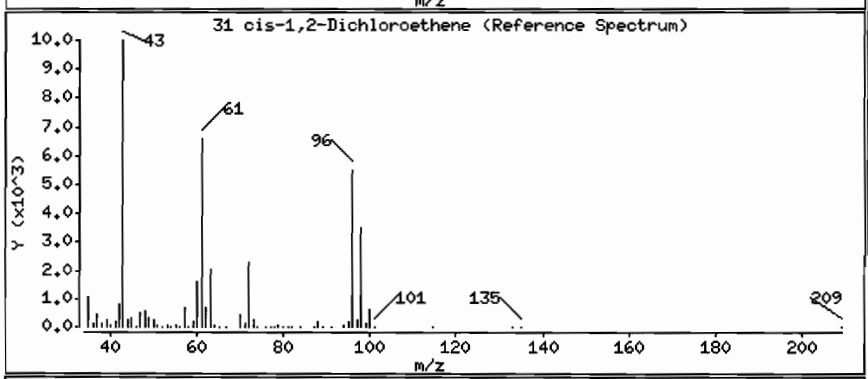
Column diameter: 0.32

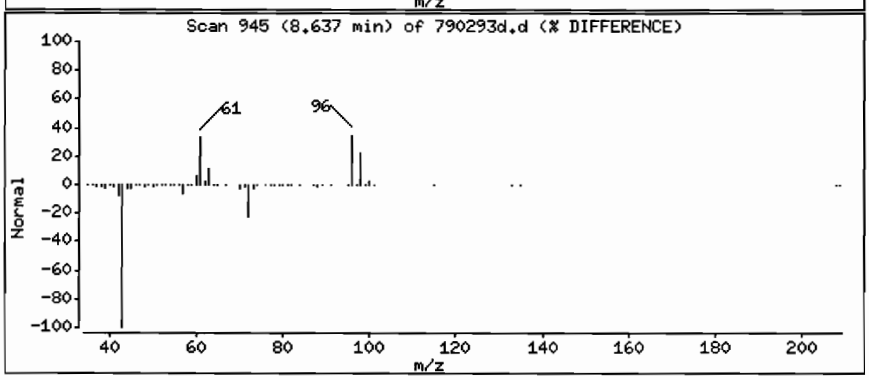
31 cis-1,2-Dichloroethene

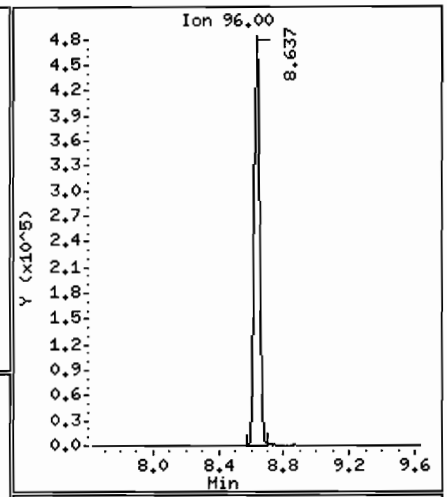
Concentration: 97000 ppbv

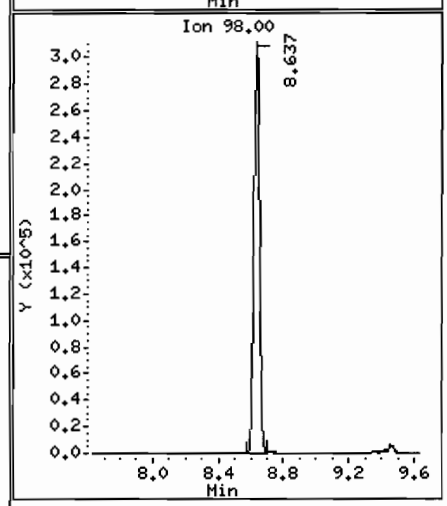












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790293d.d

Date : 03-APR-2009 08:49

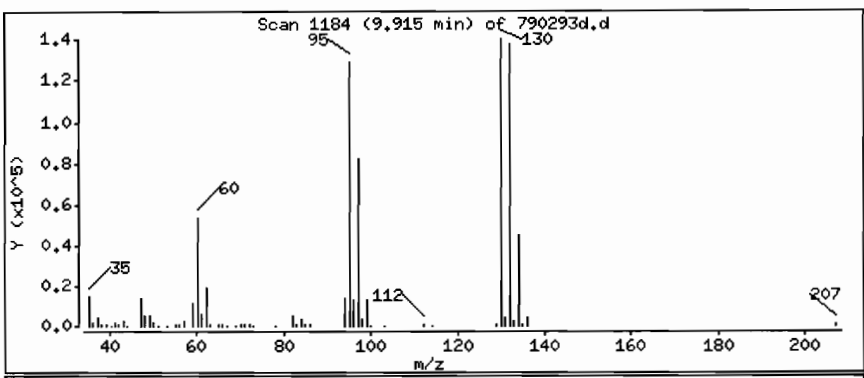
Client ID: 16VP-27V5 | Instrument: F.i

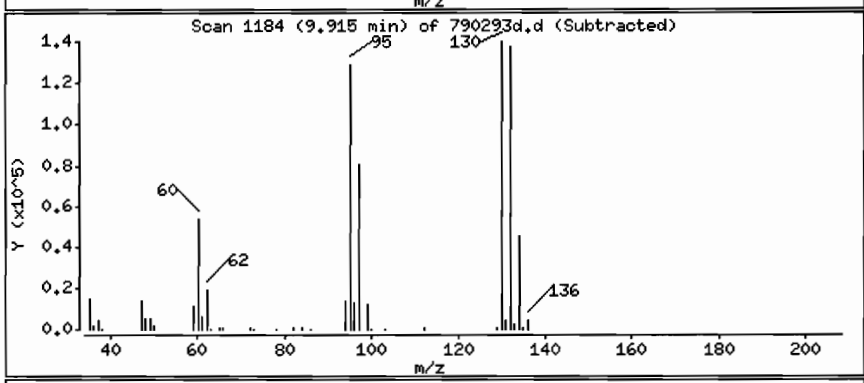
Sample Info: 20090316VP-27V5 :[J03/16/09 @1415(AIR)

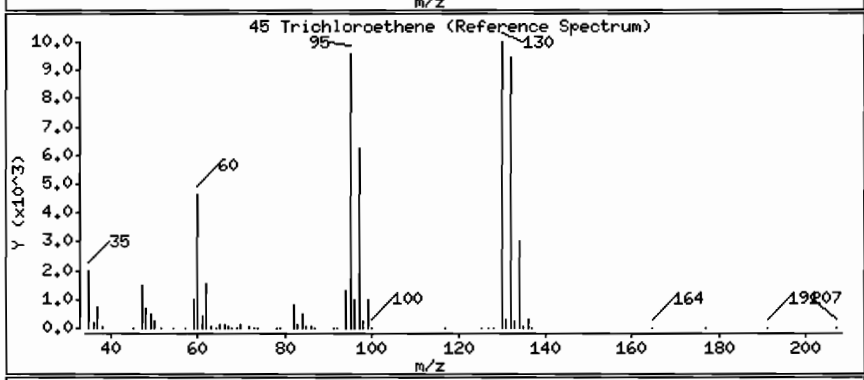
Purge Volume: 40.0 | Operator: pad

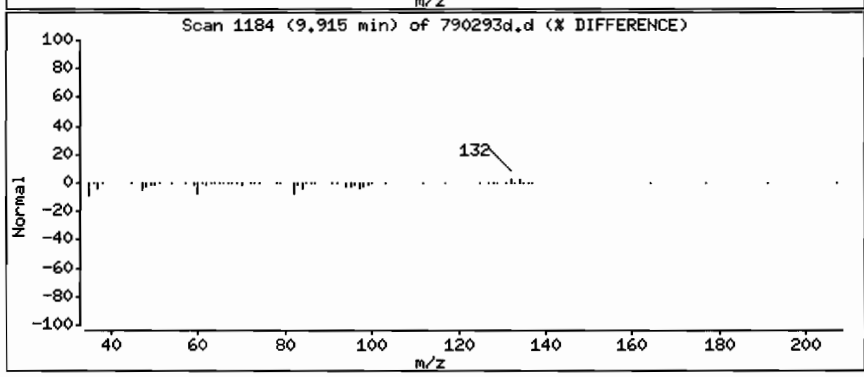
Column phase: RTX-624 | Column diameter: 0.32

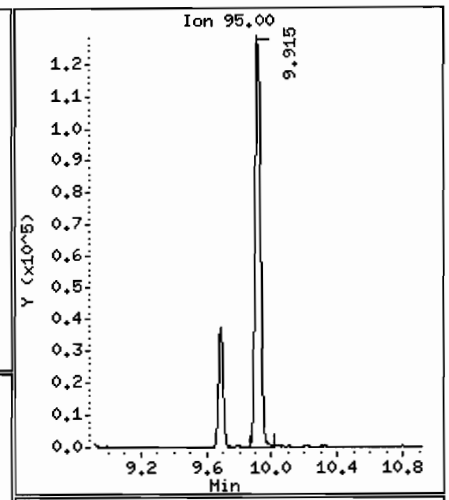
45 Trichloroethene | Concentration: 16000 ppbv

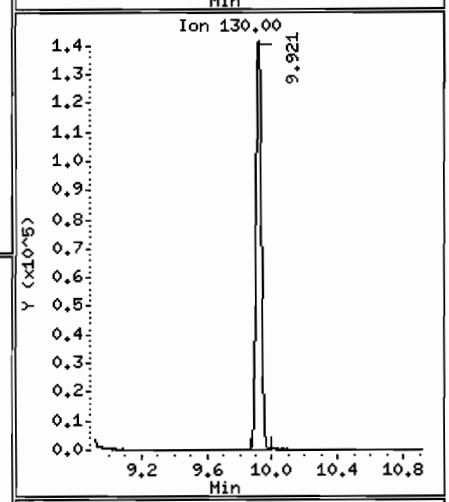


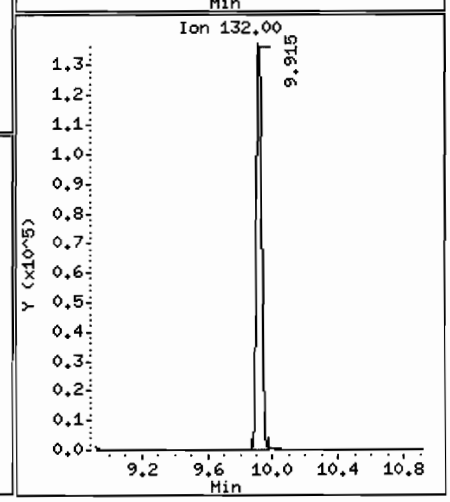












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790293d.d

Date : 03-APR-2009 08:49

Client ID: 16VP-27V5

Instrument: F.i

Sample Info: 20090316VP-27V5 :[ ]03/16/09 @1415(AIR)

Purge Volume: 40.0

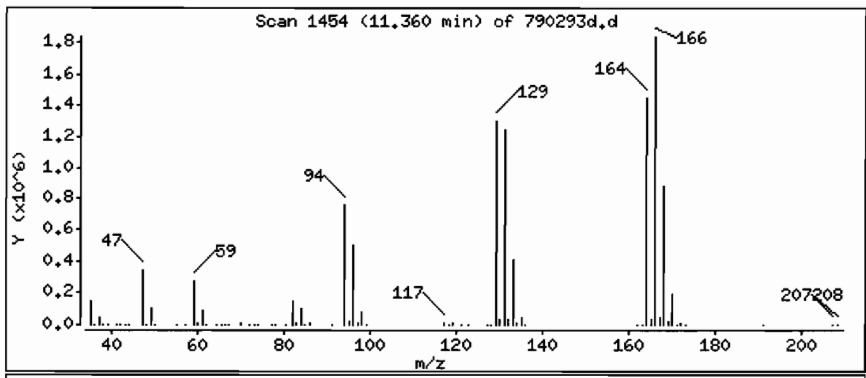
Operator: pad

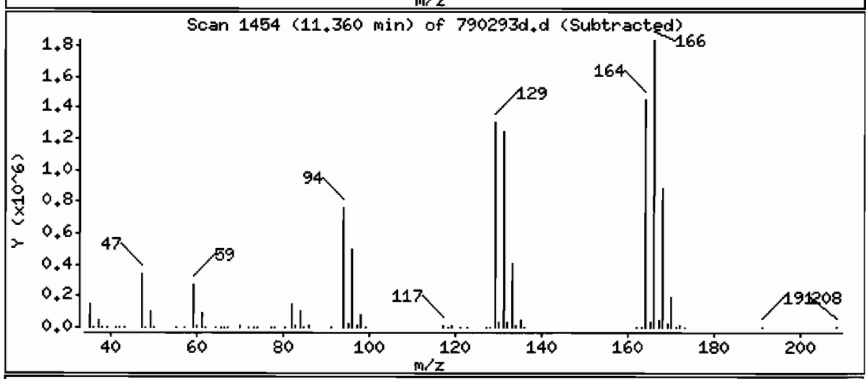
Column phase: RTX-624

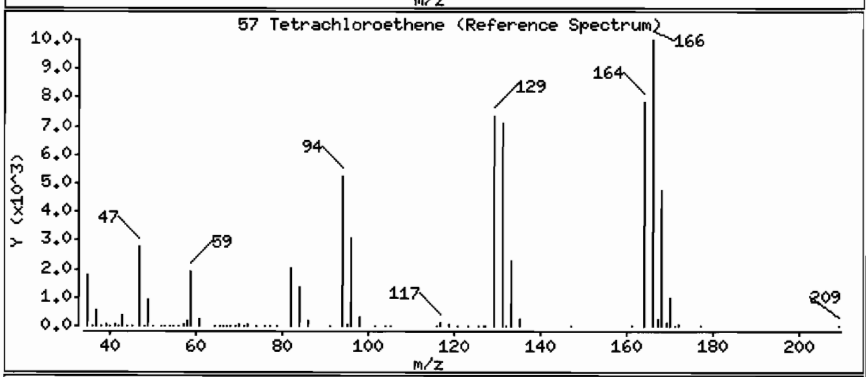
Column diameter: 0.32

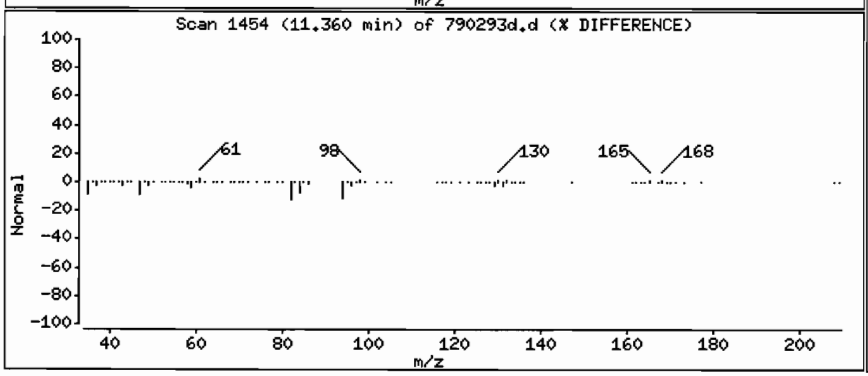
57 Tetrachloroethene

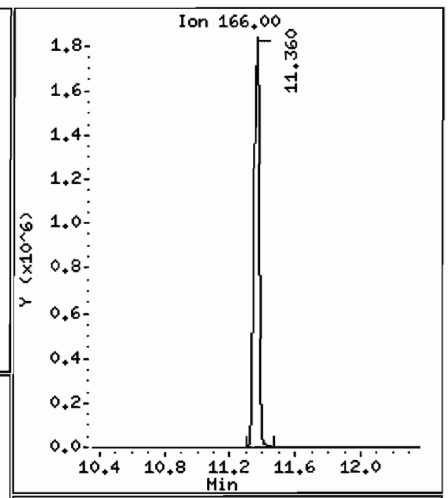
Concentration: 140000 ppbv

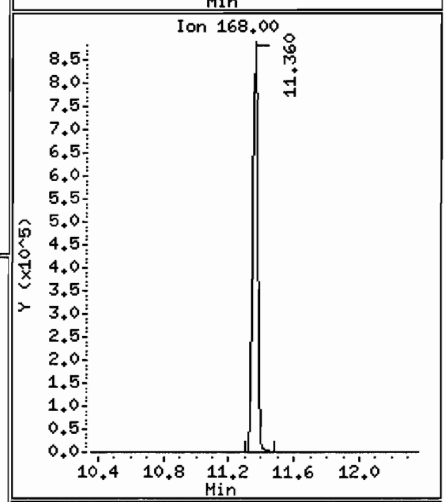


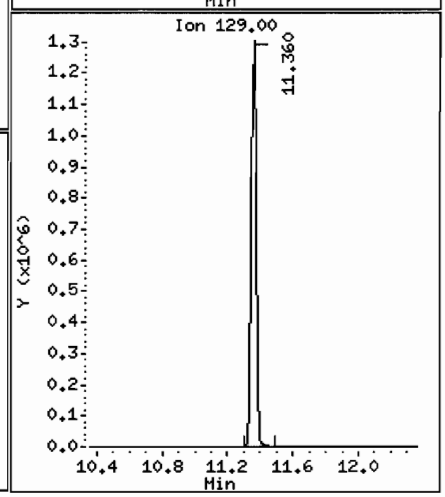












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24FD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790298

Sample wt/vol: 16.00 (g/mL) ML Lab File ID: 790298D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 11600.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	5800	U
75-01-4	Vinyl Chloride	2300	U
74-83-9	Bromomethane	2300	U
75-00-3	Chloroethane	5800	U
75-35-4	1,1-Dichloroethene	2300	U
67-64-1	Acetone	58000	U
75-15-0	Carbon Disulfide	5800	U
75-09-2	Methylene Chloride	5800	U
156-60-5	trans-1,2-Dichloroethene	2300	U
75-34-3	1,1-Dichloroethane	2300	U
78-93-3	Methyl Ethyl Ketone	5800	U
156-59-2	cis-1,2-Dichloroethene	2300	U
67-66-3	Chloroform	2300	U
71-55-6	1,1,1-Trichloroethane	2300	U
56-23-5	Carbon Tetrachloride	2300	U
71-43-2	Benzene	2300	U
107-06-2	1,2-Dichloroethane	2300	U
79-01-6	Trichloroethene	2300	U
78-87-5	1,2-Dichloropropane	2300	U
75-27-4	Bromodichloromethane	2300	U
10061-01-5	cis-1,3-Dichloropropene	2300	U
108-10-1	Methyl Isobutyl Ketone	5800	U
108-88-3	Toluene	320000	
10061-02-6	trans-1,3-Dichloropropene	2300	U
79-00-5	1,1,2-Trichloroethane	2300	U
127-18-4	Tetrachloroethene	2300	U
591-78-6	Methyl Butyl Ketone	5800	U
124-48-1	Dibromochloromethane	2300	U
108-90-7	Chlorobenzene	2300	U
100-41-4	Ethylbenzene	2300	U
1330-20-7	Xylene (m,p)	7600	
95-47-6	Xylene (o)	2300	U
100-42-5	Styrene	2300	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24FD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790298

Sample wt/vol: 16.00 (g/mL) ML Lab File ID: 790298D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 11600.0

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

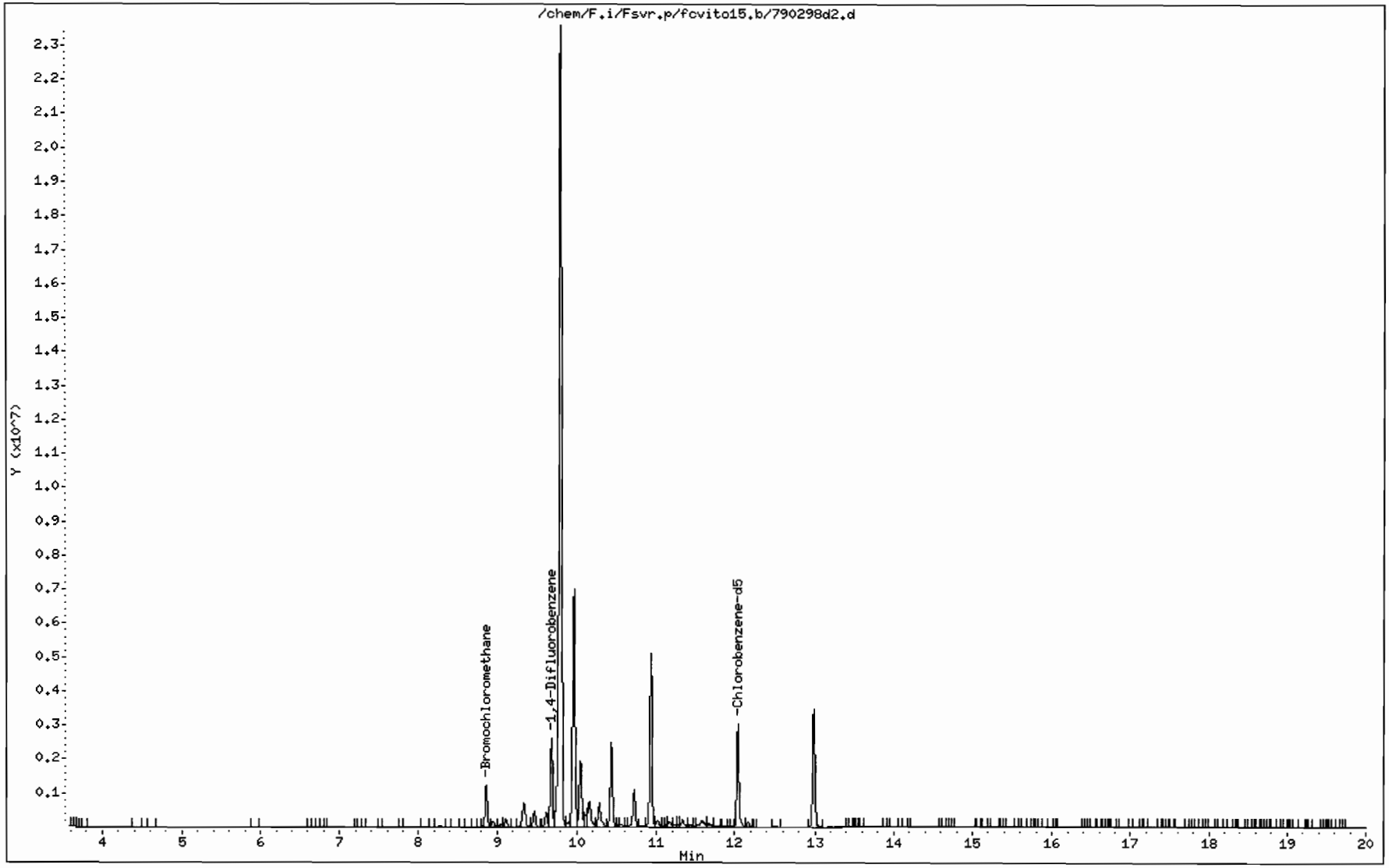
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	2300	U
79-34-5	1,1,2,2-Tetrachloroethane	2300	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvito15.b/790298d2.d
Date : 04-APR-2009 17:24
Client ID: 24FD
Sample Info: 20090324FD :[ ]03/24/09 @ (AIR)
Purge Volume: 16.0
Column phase: RTX-624

Page 3

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvito15.b/790298d2.d
Lab Smp Id: 790298 Client Smp ID: 24FD
Inj Date : 04-APR-2009 17:24
Operator : njr Inst ID: F.i
Smp Info : 20090324FD :[ ]03/24/09 @ (AIR)
Misc Info : 790298;040409FA;11600;16;cdf931
Comment :
Method : /chem/F.i/Fsvr.p/fcvito15.b/sto15.m
Meth Date : 14-Apr-2009 20:38 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 10
Dil Factor: 11600.00000
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	11600.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	16.00000	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	8.862	8.861	(1.000)	454101	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	9.685	9.685	(1.000)	2394806	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	10.927	10.926	(0.908)	2583567	27.8566	320000
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	12.039	12.039	(1.000)	2121377	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	12.168	12.168	(1.011)	55583	0.65379	7600
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/F.i/Fsvr.p/fcvito15.b/790298d2.d

Page 4

Date : 04-APR-2009 17:24

Client ID: 24FD

Instrument: F.i

Sample Info: 20090324FD :[ ]03/24/09 @ (AIR)

Purge Volume: 16.0

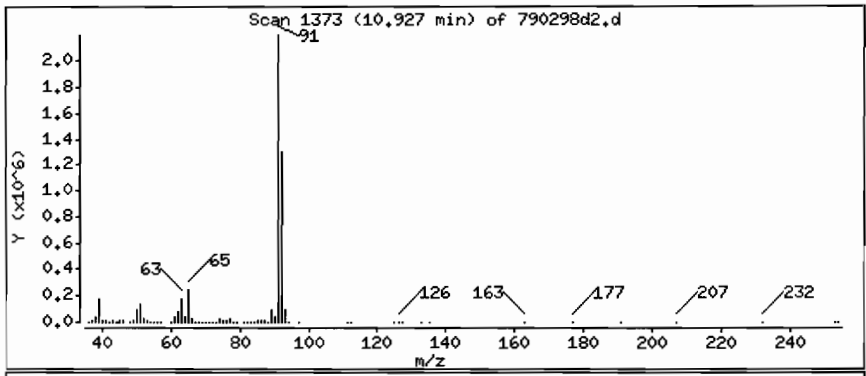
Operator: njr

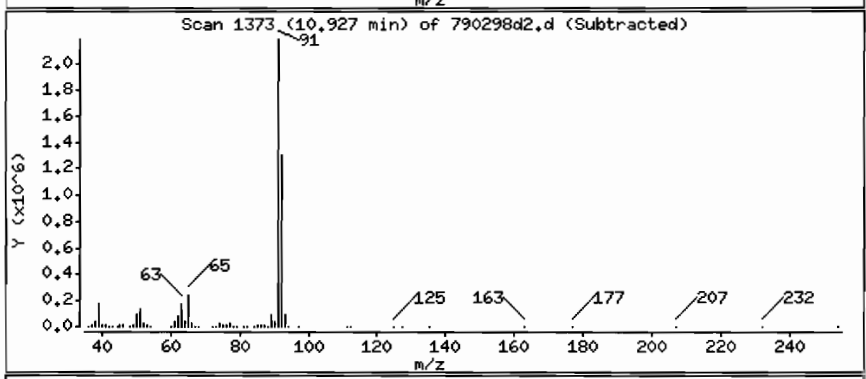
Column phase: RTX-624

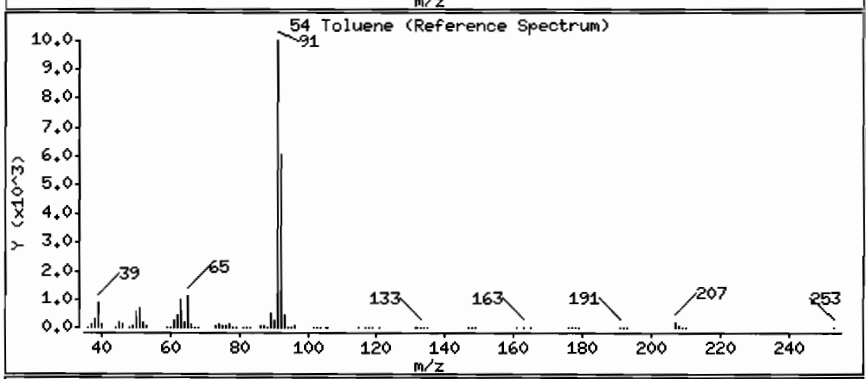
Column diameter: 0.32

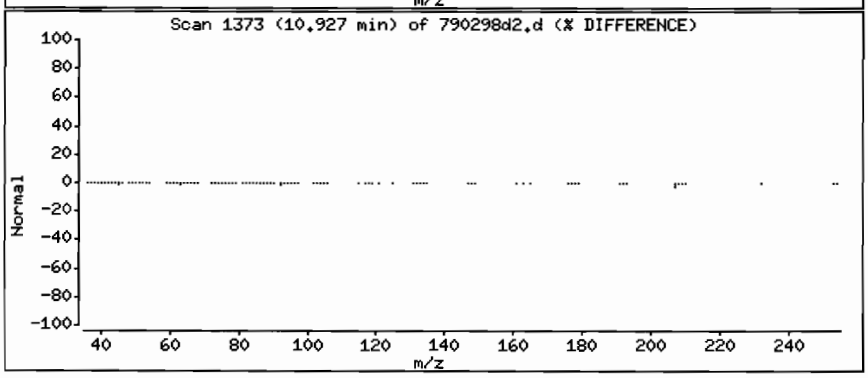
54 Toluene

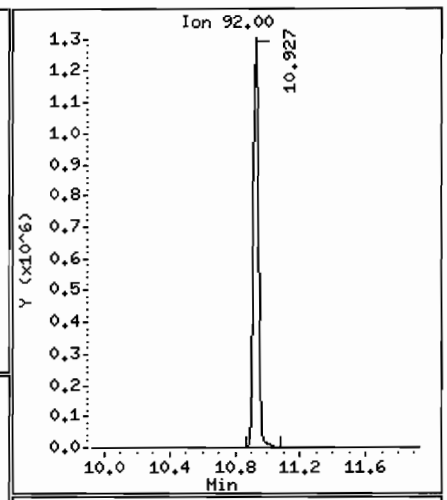
Concentration: 320000 ppbv

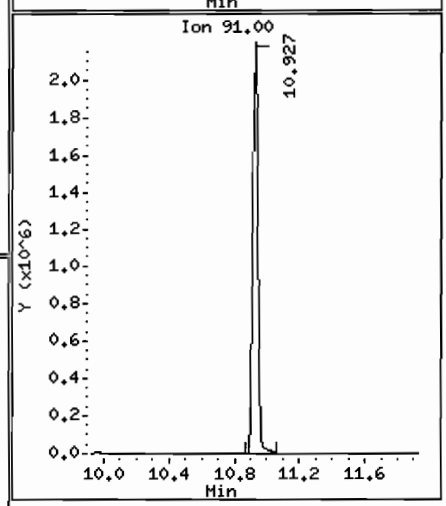












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790298d2.d

Date : 04-APR-2009 17:24

Client ID: 24FD

Instrument: F.i

Sample Info: 20090324FD :[J03/24/09 @ (AIR)

Purge Volume: 16.0

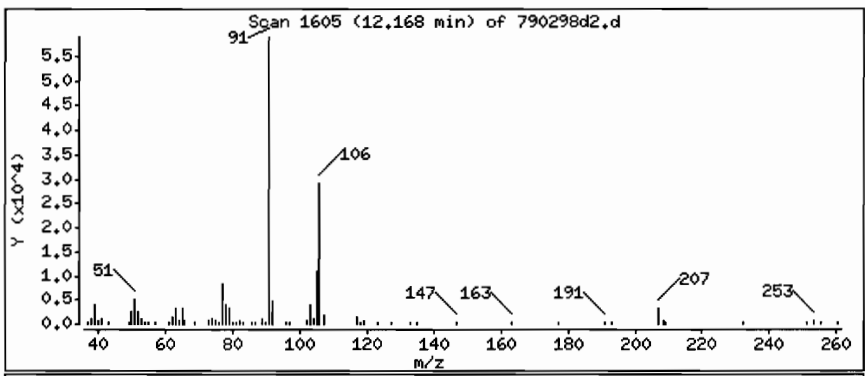
Operator: njr

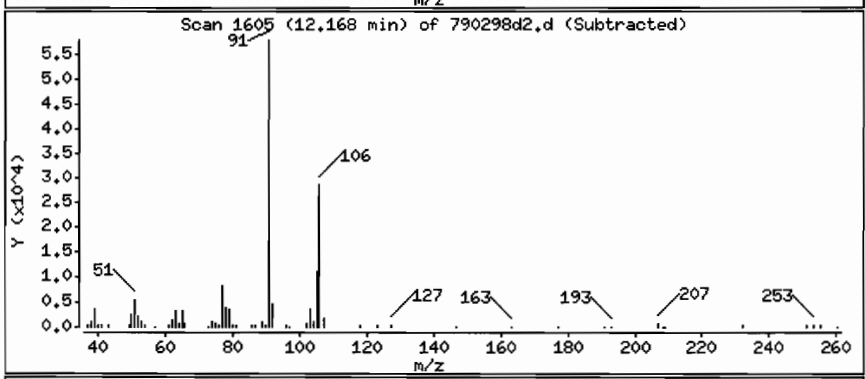
Column phase: RTX-624

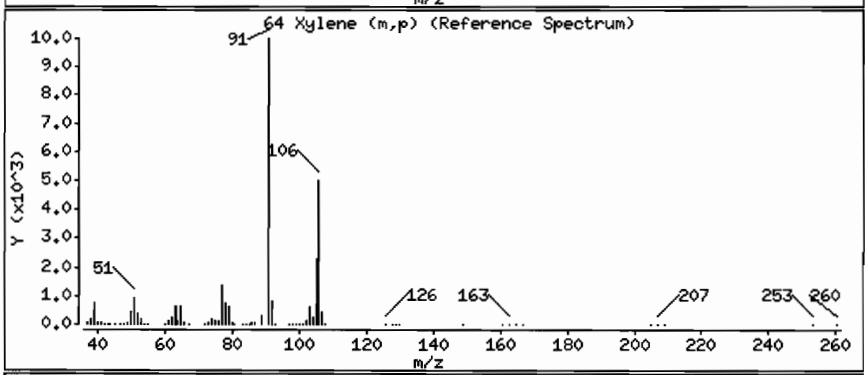
Column diameter: 0.32

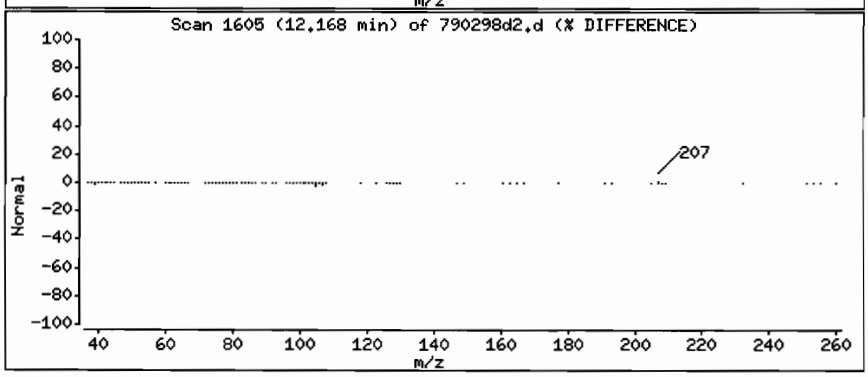
64 Xylene (m,p)

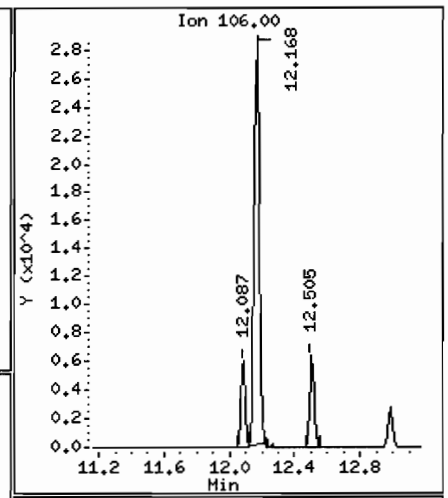
Concentration: 7600 ppbv

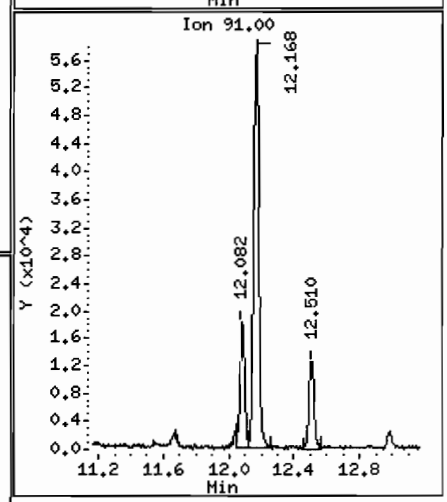












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-20V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790294

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 790294D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 7.5

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	3.8	U
75-01-4	Vinyl Chloride	1.5	U
74-83-9	Bromomethane	1.5	U
75-00-3	Chloroethane	3.8	U
75-35-4	1,1-Dichloroethene	1.5	U
67-64-1	Acetone	38	U
75-15-0	Carbon Disulfide	12	
75-09-2	Methylene Chloride	3.8	U
156-60-5	trans-1,2-Dichloroethene	1.5	U
75-34-3	1,1-Dichloroethane	12	
78-93-3	Methyl Ethyl Ketone	3.8	U
156-59-2	cis-1,2-Dichloroethene	1.5	U
67-66-3	Chloroform	2.2	
71-55-6	1,1,1-Trichloroethane	150	
56-23-5	Carbon Tetrachloride	1.5	U
71-43-2	Benzene	1.5	U
107-06-2	1,2-Dichloroethane	1.5	U
79-01-6	Trichloroethene	1.5	U
78-87-5	1,2-Dichloropropane	1.5	U
75-27-4	Bromodichloromethane	1.5	U
10061-01-5	cis-1,3-Dichloropropene	1.5	U
108-10-1	Methyl Isobutyl Ketone	3.8	U
108-88-3	Toluene	8.8	
10061-02-6	trans-1,3-Dichloropropene	1.5	U
79-00-5	1,1,2-Trichloroethane	1.5	U
127-18-4	Tetrachloroethene	1.5	U
591-78-6	Methyl Butyl Ketone	3.8	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)	4.3	
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.

24VP-20V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790294

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 790294D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 7.5

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

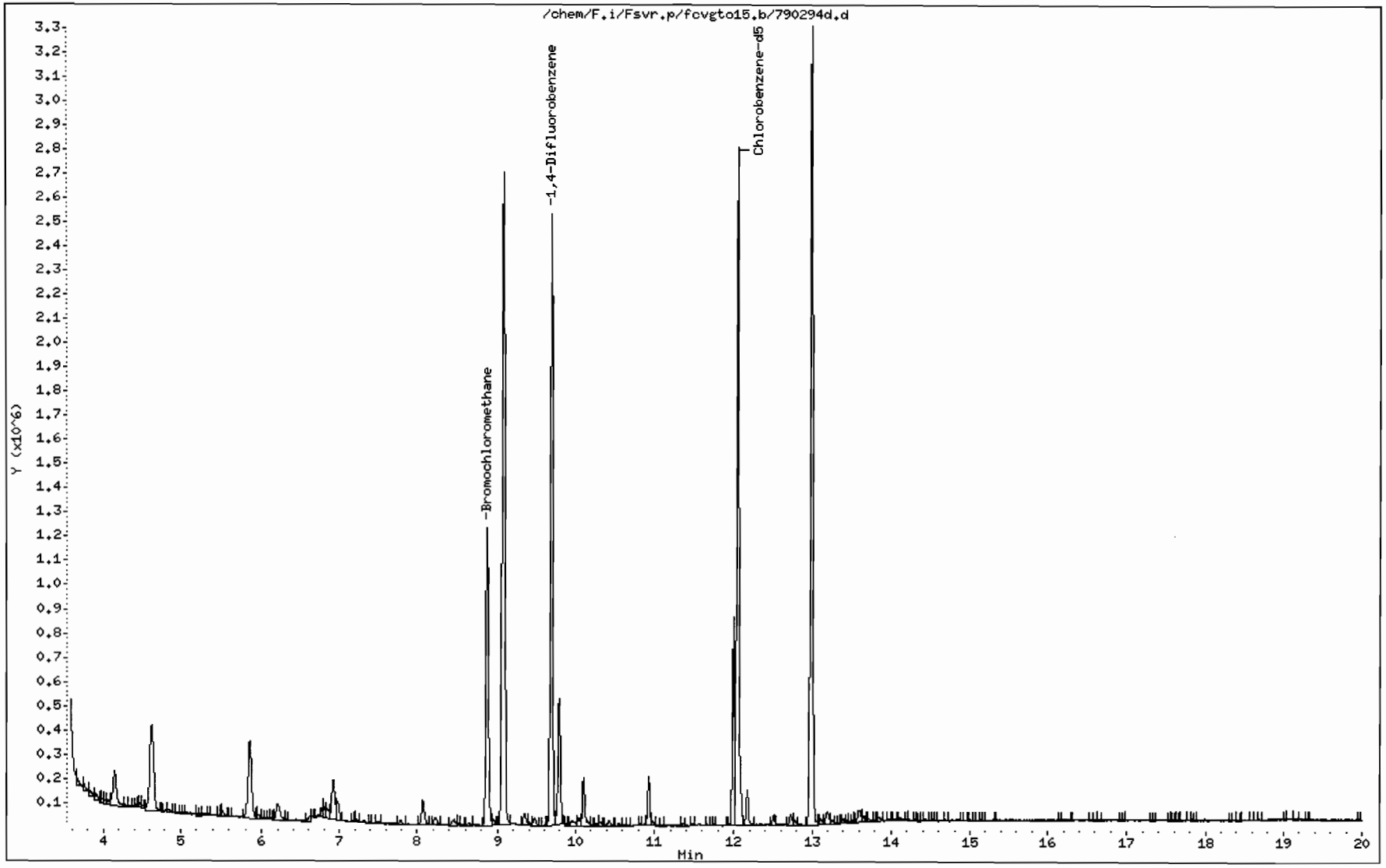
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	1.5	U
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790294d.d
Date : 02-APR-2009 12:50
Client ID: 24VP-20V3
Sample Info: 20090324VP-20V3 :[J03/24/09 @0857(AIR)
Purge Volume: 40.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvgto15.b/790294d.d
Lab Smp Id: 790294 Client Smp ID: 24VP-20V3
Inj Date : 02-APR-2009 12:50
Operator : pad Inst ID: F.i
Smp Info : 20090324VP-20V3 :[ ]03/24/09 @0857(AIR)
Misc Info : 790294;040109FA;7.55;40;cdf1.51
Comment :
Method : /chem/F.i/Fsvr.p/fcvgto15.b/sto15.m
Meth Date : 14-Apr-2009 20:29 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 20
Dil Factor: 7.55000
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	7.55000	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	6.984	6.962	(0.788)	137814	1.55070	12
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	8.070	8.059	(0.910)	95056	1.59566	12
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	441667	10.0000	(Q)
34 Chloroform	83	8.904	8.894	(1.004)	24633	0.28983	2.2
35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	2087850	19.9221	150
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	9.685	9.685	(1.000)	2308591	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	10.927	10.926	(0.907)	102321	1.16354	8.8
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	12.045	12.039	(1.000)	2011461	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	12.168	12.168	(1.010)	45796	0.56811	4.3
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/F.i/Fsvr.p/fcvgto15.b/790294d.d

Date : 02-APR-2009 12:50

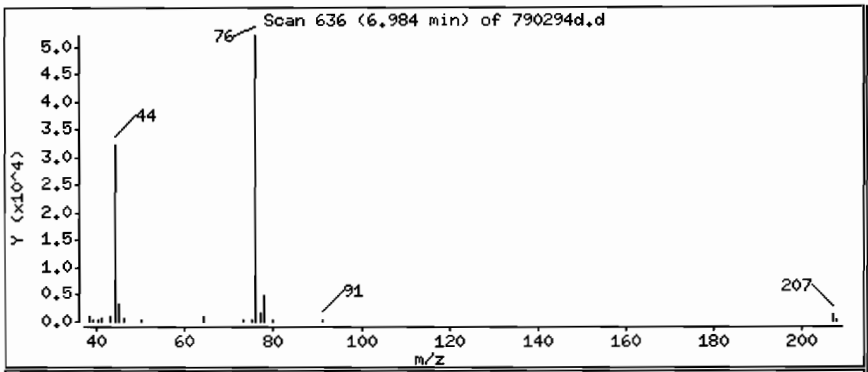
Client ID: 24VP-20V3 Instrument: F.i

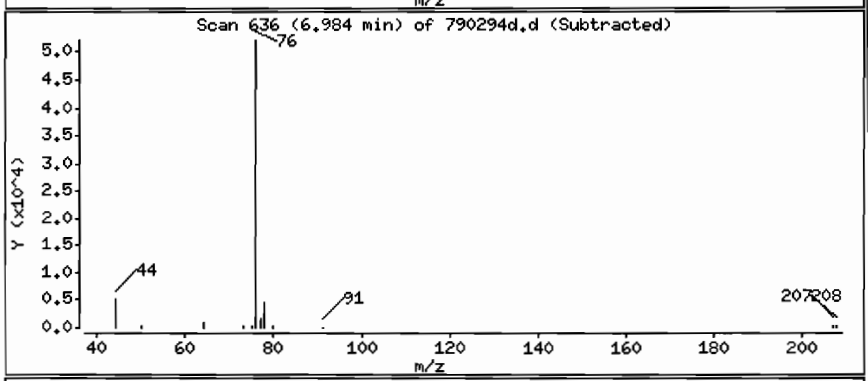
Sample Info: 20090324VP-20V3 :[ ]03/24/09 @0857(AIR)

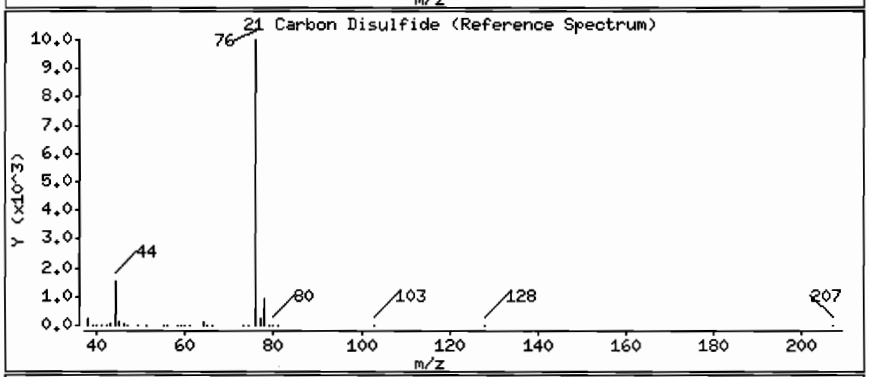
Purge Volume: 40.0 Operator: pad

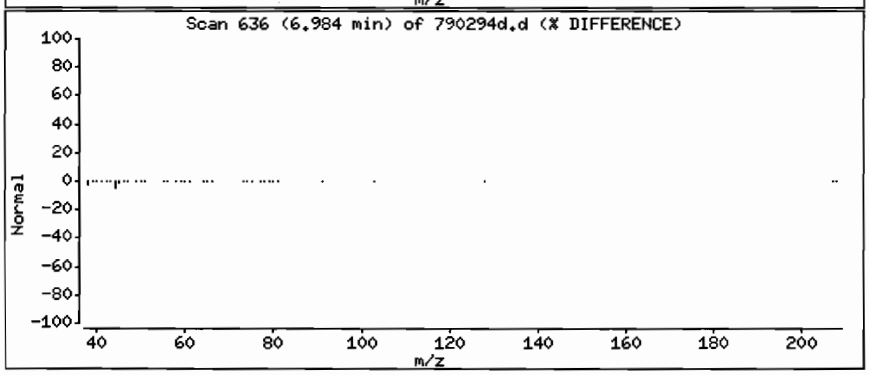
Column phase: RTX-624 Column diameter: 0.32

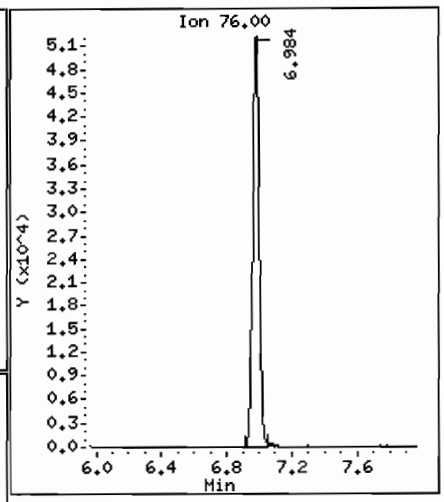
21 Carbon Disulfide Concentration: 12 ppbv











Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790294d.d

Date : 02-APR-2009 12:50

Client ID: 24VP-20V3

Instrument: F.i

Sample Info: 20090324VP-20V3 :[J03/24/09 @0857(AIR)

Purge Volume: 40.0

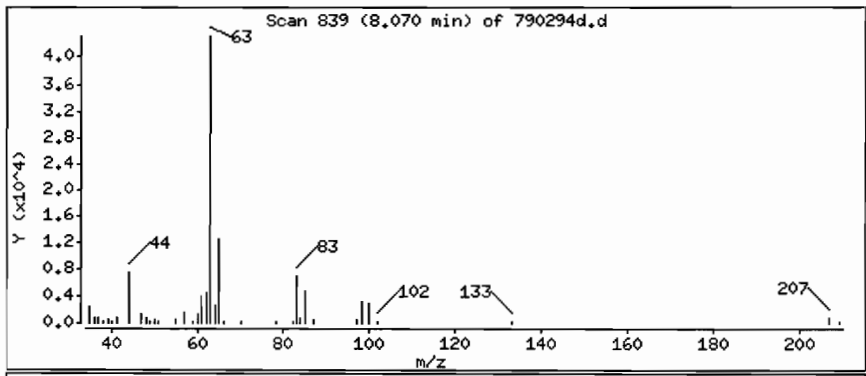
Operator: pad

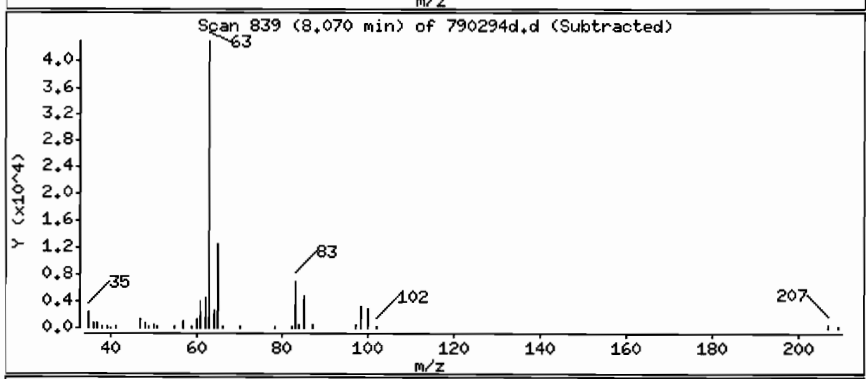
Column phase: RTX-624

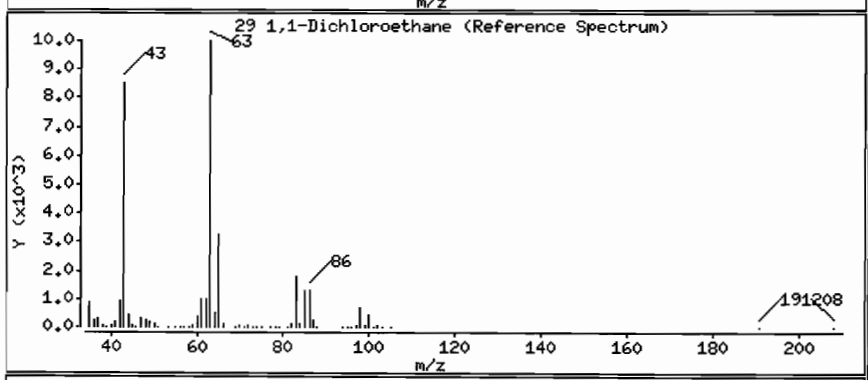
Column diameter: 0.32

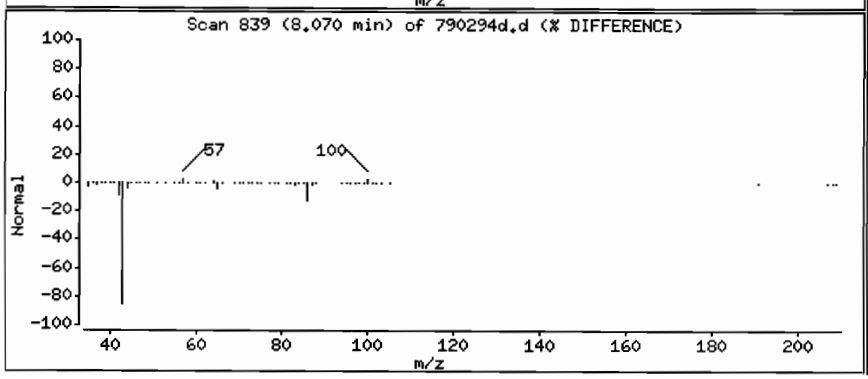
29 1,1-Dichloroethane

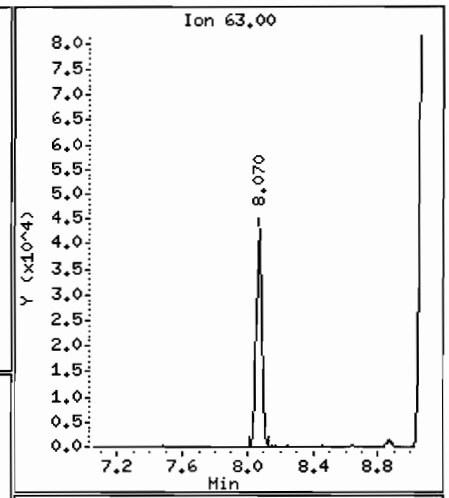
Concentration: 12 ppbv

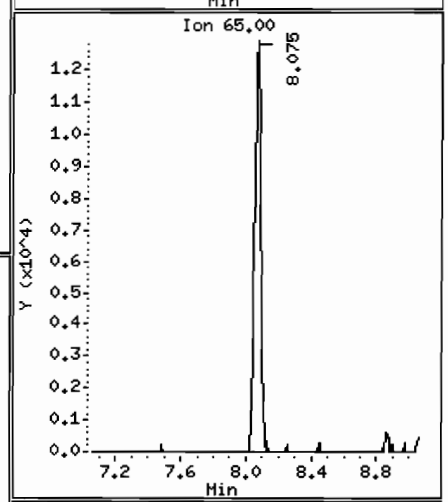


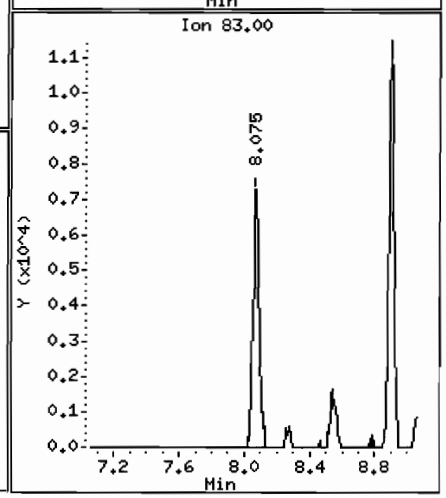












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790294d.d

Date : 02-APR-2009 12:50

Client ID: 24VP-20V3

Instrument: F.i

Sample Info: 20090324VP-20V3 :[ ]03/24/09 @0857(AIR)

Purge Volume: 40.0

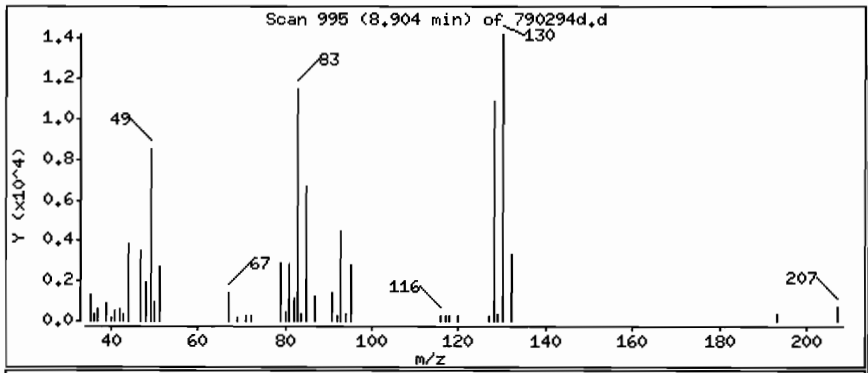
Operator: pad

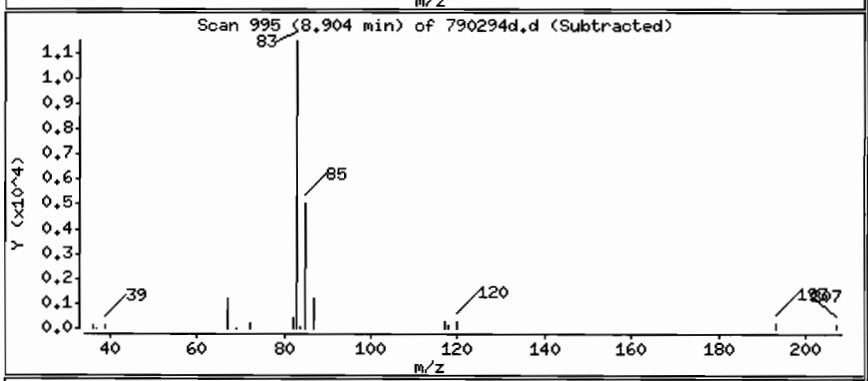
Column phase: RTX-624

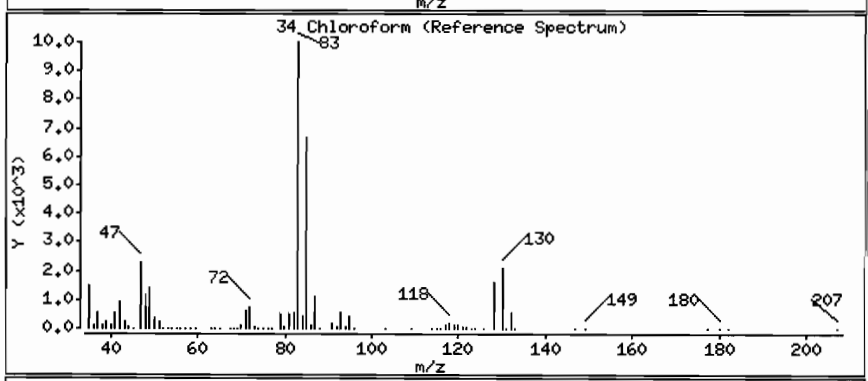
Column diameter: 0.32

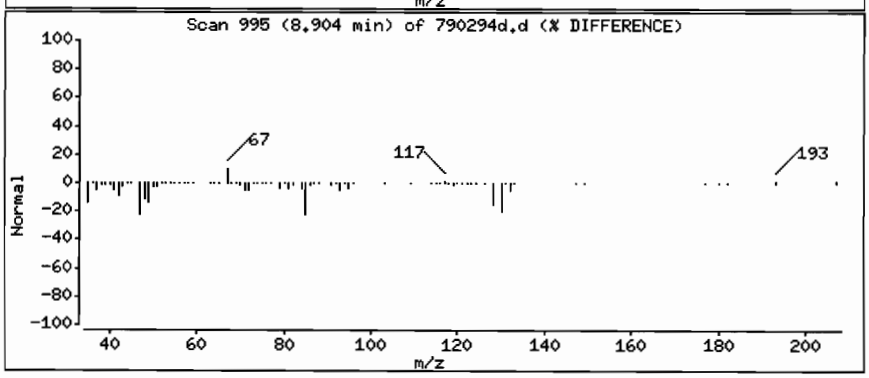
34 Chloroform

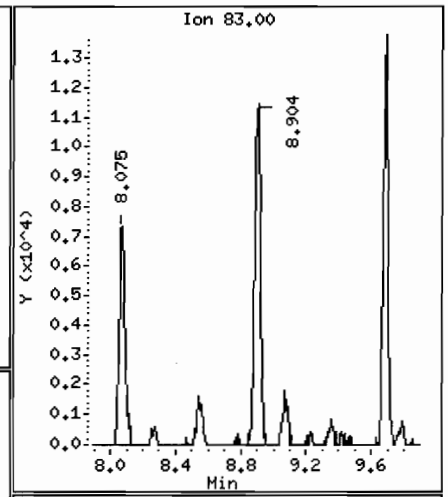
Concentration: 2.2 ppbv

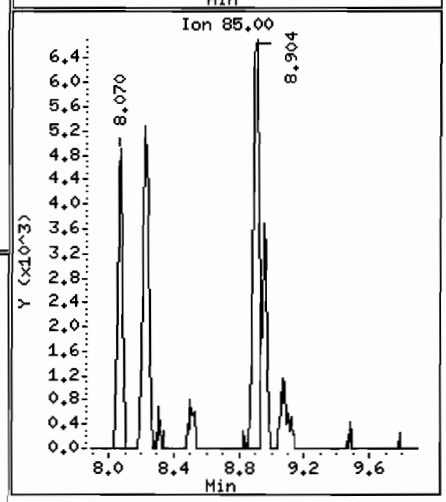












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790294d.d

Date : 02-APR-2009 12:50

Client ID: 24VP-20V3

Instrument: F.i

Sample Info: 20090324VP-20V3 :[ ]03/24/09 @0857(AIR)

Purge Volume: 40.0

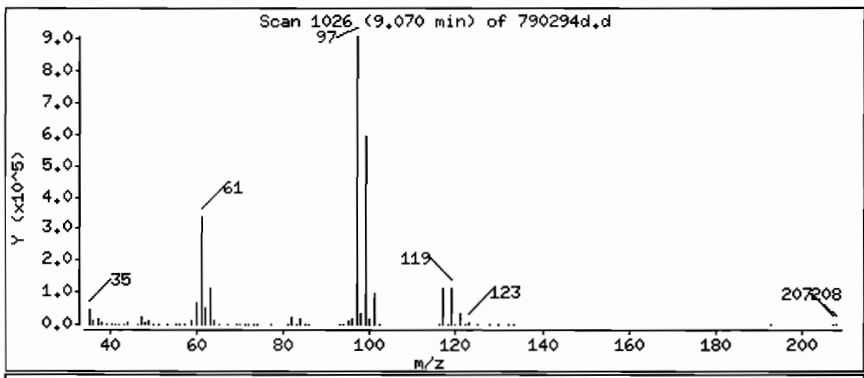
Operator: pad

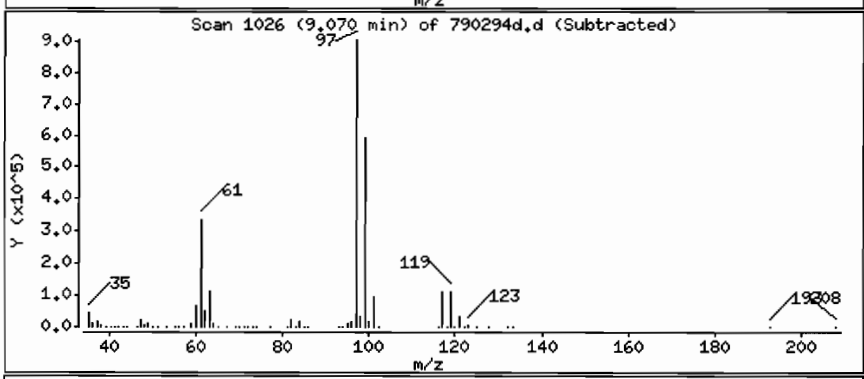
Column phase: RTX-624

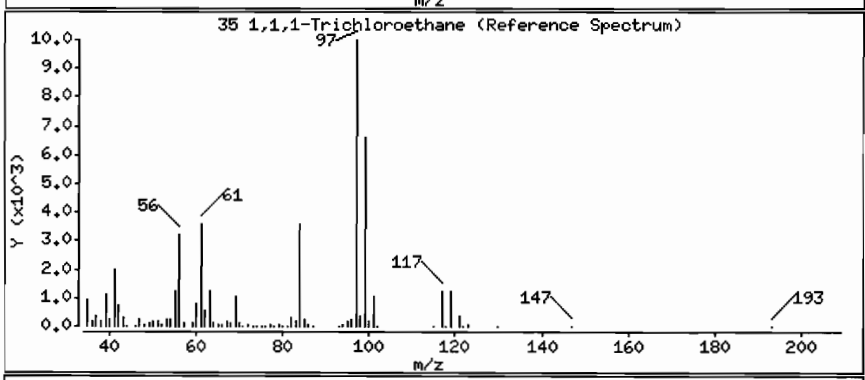
Column diameter: 0.32

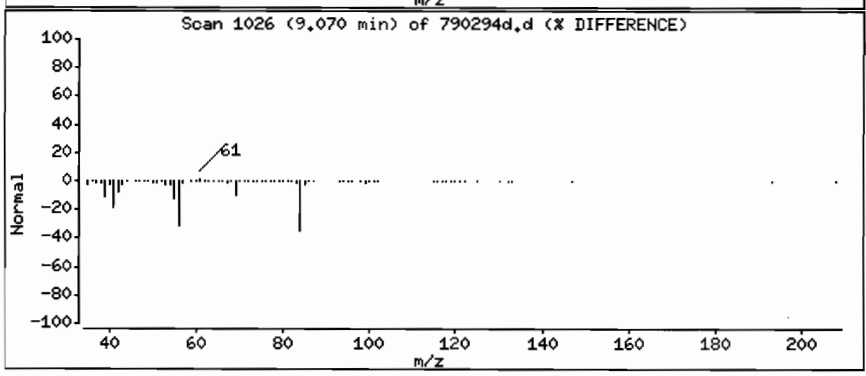
35 1,1,1-Trichloroethane

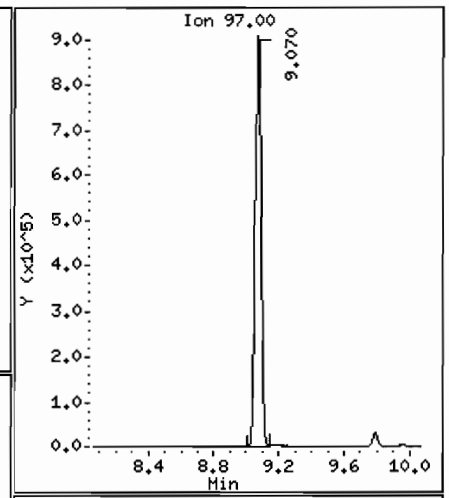
Concentration: 150 ppbv

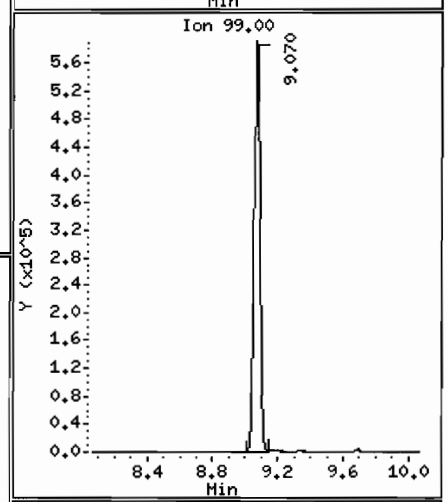


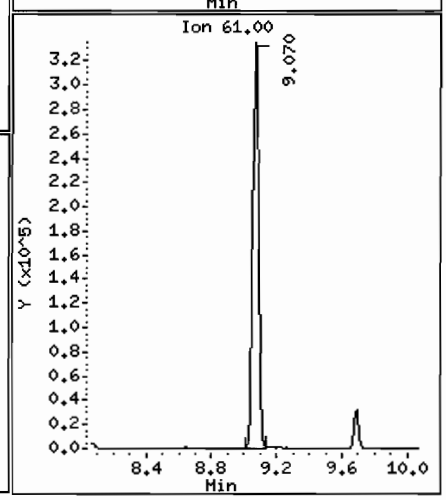












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790294d.d

Date : 02-APR-2009 12:50

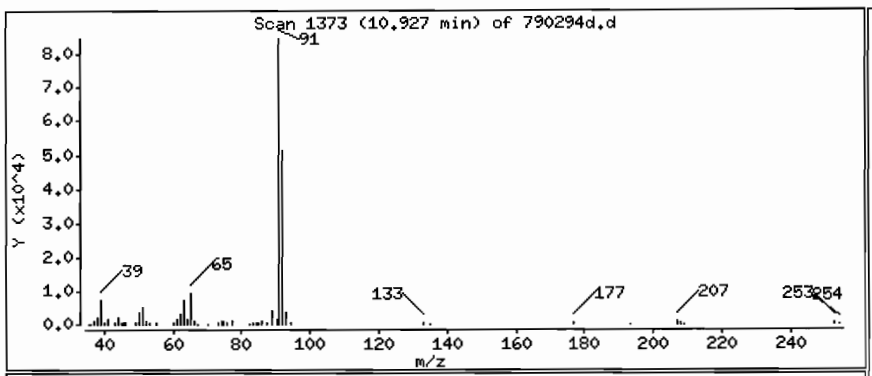
Client ID: 24VP-20V3 | Instrument: F.i

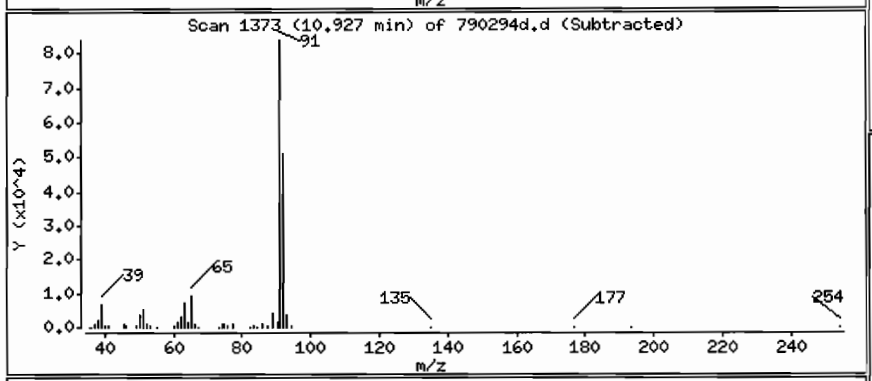
Sample Info: 20090324VP-20V3 :[103/24/09 @0857(AIR)

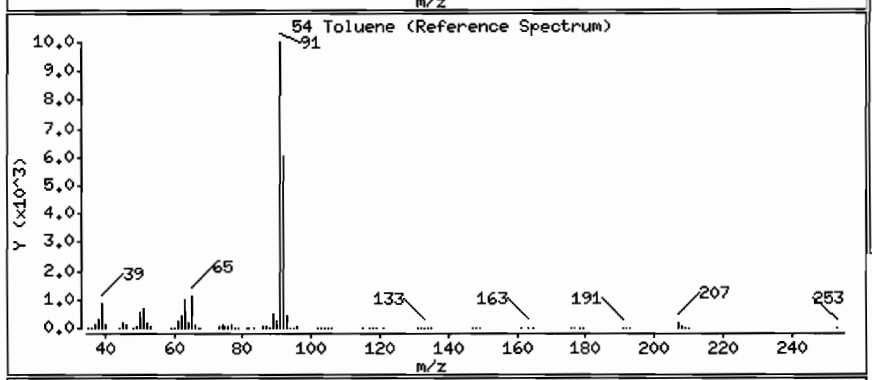
Purge Volume: 40.0 | Operator: pad

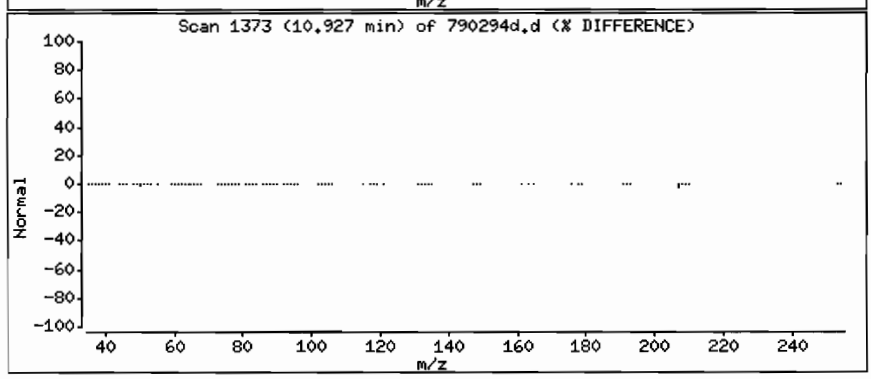
Column phase: RTX-624 | Column diameter: 0.32

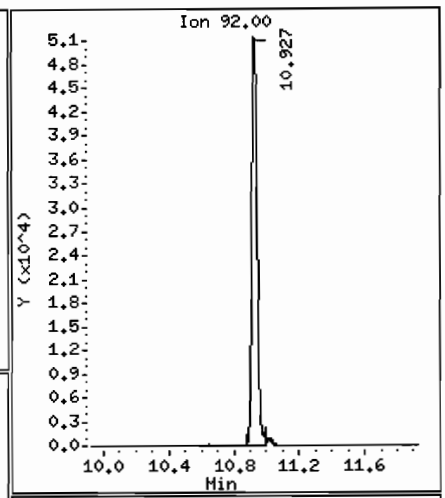
54 Toluene | Concentration: 8.8 ppbv

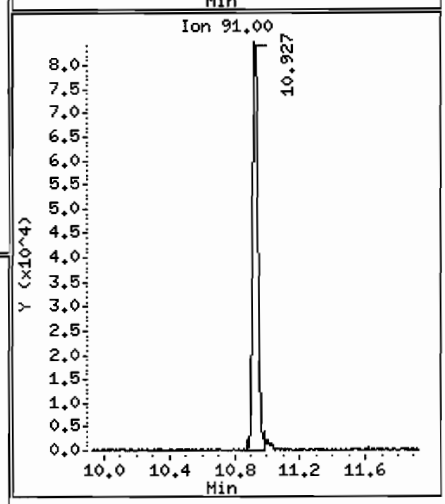












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790294d.d

Date : 02-APR-2009 12:50

Client ID: 24VP-20V3

Instrument: F.i

Sample Info: 20090324VP-20V3 :[ ]03/24/09 @0857(AIR)

Purge Volume: 40.0

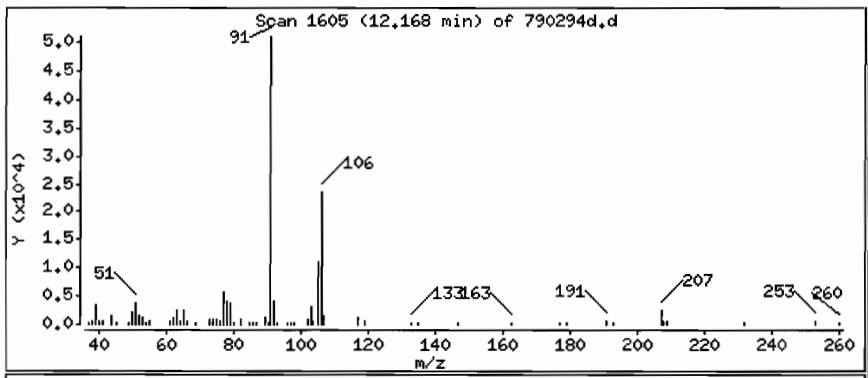
Operator: pad

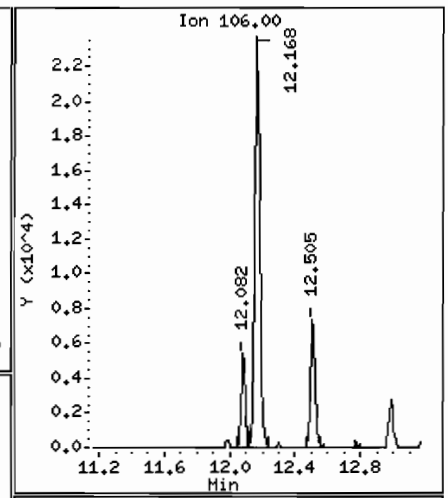
Column phase: RTX-624

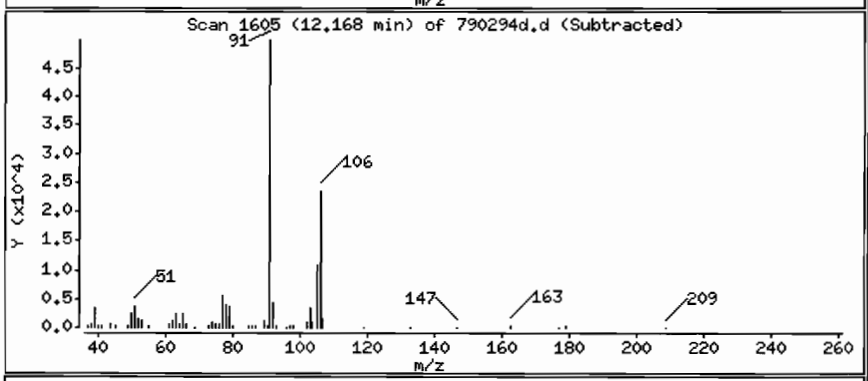
Column diameter: 0.32

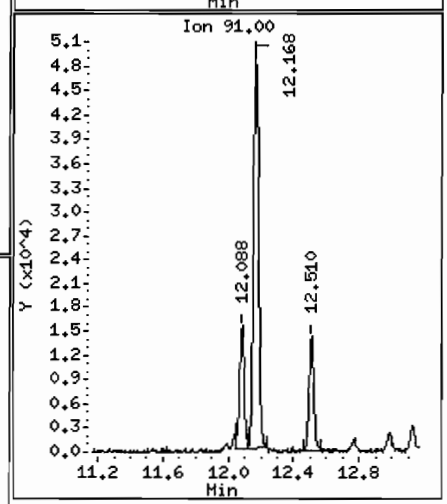
64 Xylene (m,p)

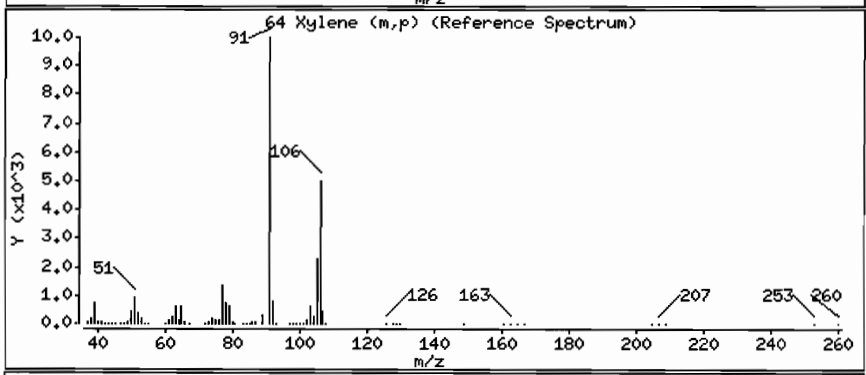
Concentration: 4.3 ppbv

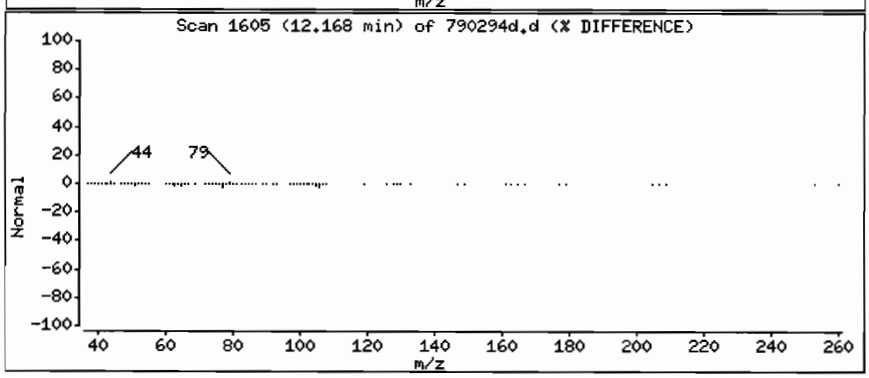












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-23V3.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790295

Sample wt/vol: 11.00 (g/mL) ML Lab File ID: 790295D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 15300.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	7700	U
75-01-4	Vinyl Chloride	3100	U
74-83-9	Bromomethane	3100	U
75-00-3	Chloroethane	7700	U
75-35-4	1,1-Dichloroethene	3100	U
67-64-1	Acetone	77000	U
75-15-0	Carbon Disulfide	13000	
75-09-2	Methylene Chloride	7700	U
156-60-5	trans-1,2-Dichloroethene	3100	U
75-34-3	1,1-Dichloroethane	3100	U
78-93-3	Methyl Ethyl Ketone	7700	U
156-59-2	cis-1,2-Dichloroethene	3100	U
67-66-3	Chloroform	3100	U
71-55-6	1,1,1-Trichloroethane	3100	U
56-23-5	Carbon Tetrachloride	3100	U
71-43-2	Benzene	5600	
107-06-2	1,2-Dichloroethane	3100	U
79-01-6	Trichloroethene	3100	U
78-87-5	1,2-Dichloropropane	3100	U
75-27-4	Bromodichloromethane	3100	U
10061-01-5	cis-1,3-Dichloropropene	3100	U
108-10-1	Methyl Isobutyl Ketone	7700	U
108-88-3	Toluene	520000	
10061-02-6	trans-1,3-Dichloropropene	3100	U
79-00-5	1,1,2-Trichloroethane	3100	U
127-18-4	Tetrachloroethene	3100	U
591-78-6	Methyl Butyl Ketone	7700	U
124-48-1	Dibromochloromethane	3100	U
108-90-7	Chlorobenzene	3100	U
100-41-4	Ethylbenzene	3100	U
1330-20-7	Xylene (m,p)	7700	U
95-47-6	Xylene (o)	3100	U
100-42-5	Styrene	3100	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-23V3.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790295

Sample wt/vol: 11.00 (g/mL) ML Lab File ID: 790295D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 15300.0

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

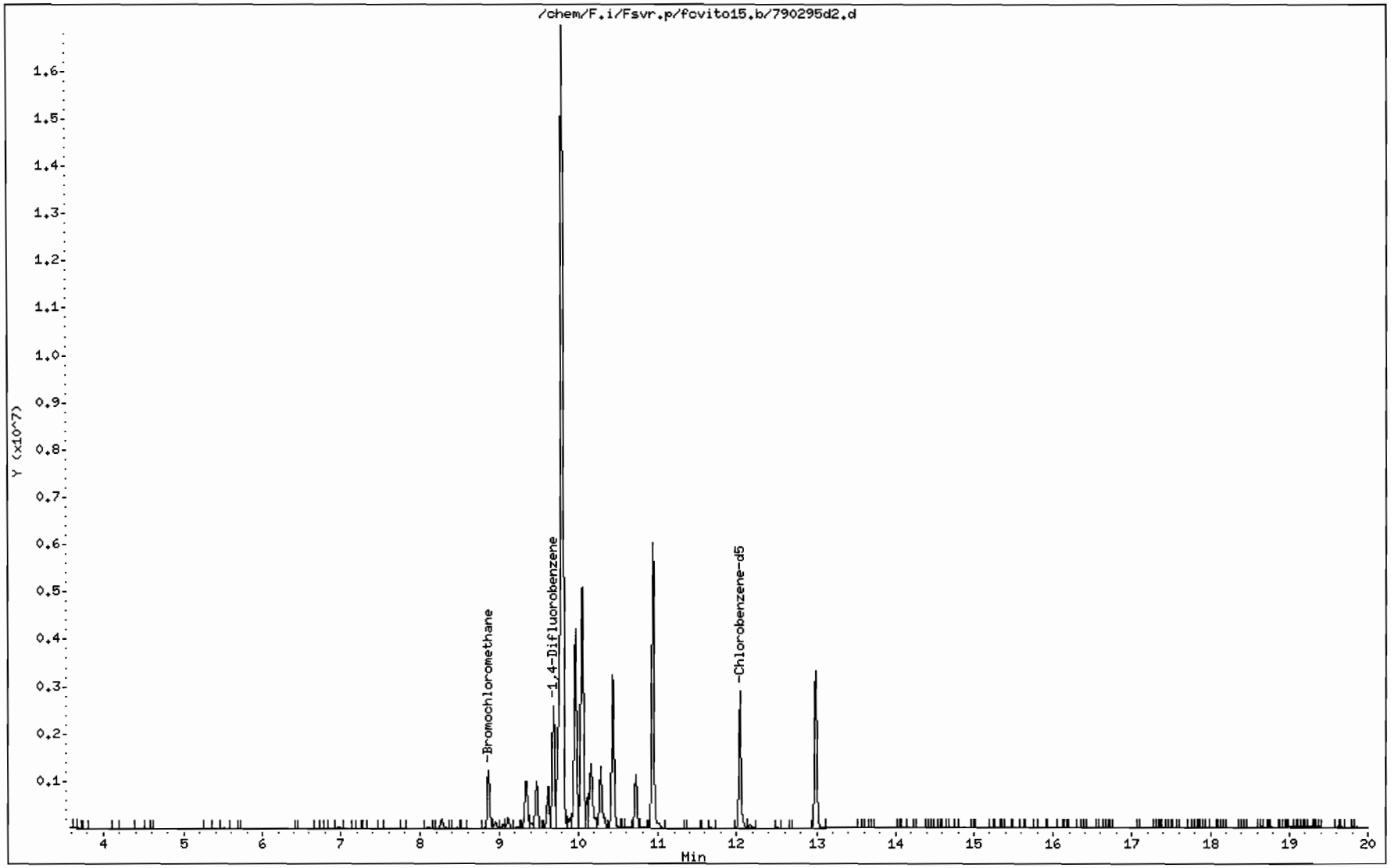
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	3100	U
79-34-5	1,1,2,2-Tetrachloroethane	3100	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvito15.b/790295d2.d
Date : 04-APR-2009 15:43
Client ID: 24VP-23V3.5
Sample Info: 20090324VP-23V3.5 :[ ]03/24/09 @0912(AIR)
Purge Volume: 11.0
Column phase: RTX-624

Page 3

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvito15.b/790295d2.d
Lab Smp Id: 790295 Client Smp ID: 24VP-23V3.5
Inj Date : 04-APR-2009 15:43
Operator : njr Inst ID: F.i
Smp Info : 20090324VP-23V3.5 :[ ]03/24/09 @0912(AIR)
Misc Info : 790295;040409FA;15300;11;cdf844
Comment :
Method : /chem/F.i/Fsvr.p/fcvito15.b/sto15.m
Meth Date : 14-Apr-2009 20:38 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 8
Dil Factor: 15300.00000
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	15300.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	11.00000	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	6.973	6.962	(0.786)	78008	0.85852	13000	
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	8.867	8.861	(1.000)	451564	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	9.391	9.386	(0.970)	40961	0.36681	5600(M)
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2382345	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	10.932	10.926	(0.908)	3070074	34.0397	520000
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	12.045	12.039	(1.000)	2062952	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/F.i/Fsvr.p/fcvito15.b/790295d2.d

Date : 04-APR-2009 15:43

Client ID: 24VP-23V3.5

Instrument: F.i

Sample Info: 20090324VP-23V3.5 :[ ]03/24/09 @0912(AIR)

Purge Volume: 11.0

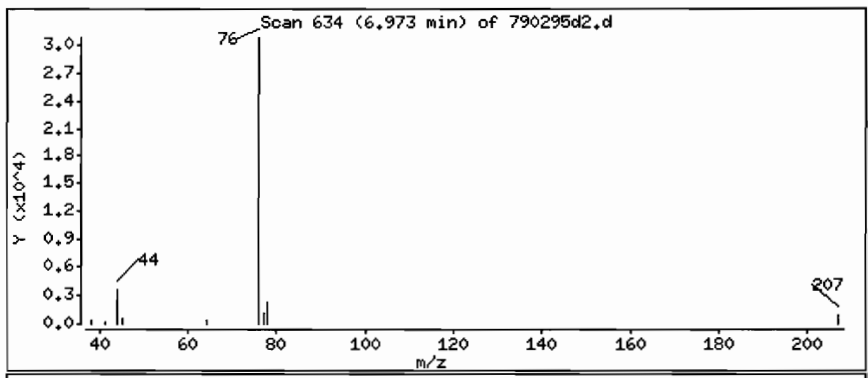
Operator: njr

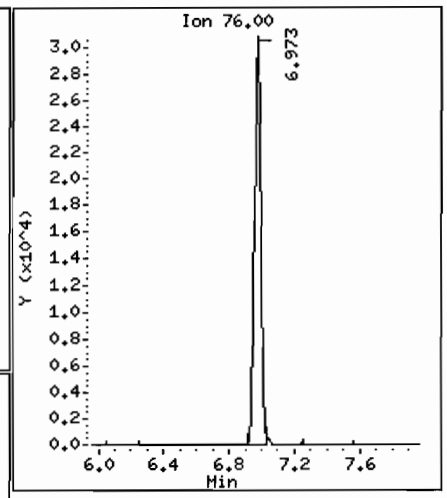
Column phase: RTX-624

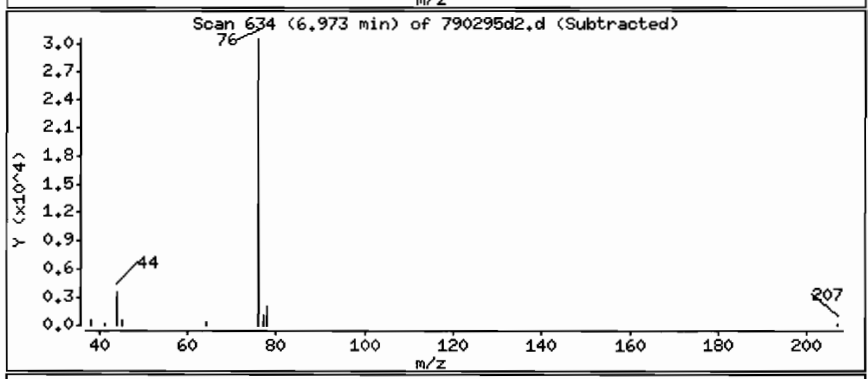
Column diameter: 0.32

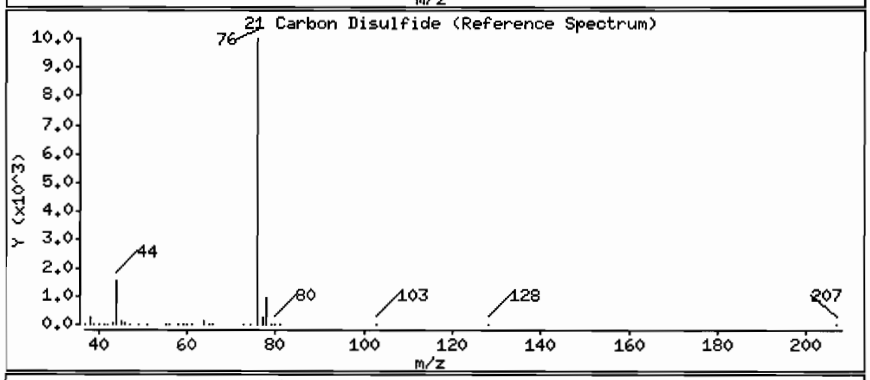
21 Carbon Disulfide

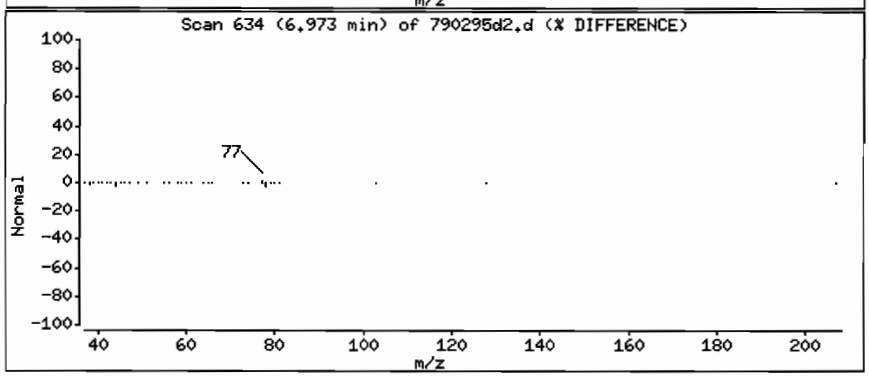
Concentration: 13000 ppbv











Data File: /chem/F.i/Fsvr.p/fcvito15.b/790295d2.d

Date : 04-APR-2009 15:43

Client ID: 24VP-23V3.5

Instrument: F.i

Sample Info: 20090324VP-23V3.5 :[ ]03/24/09 @0912(AIR)

Purge Volume: 11.0

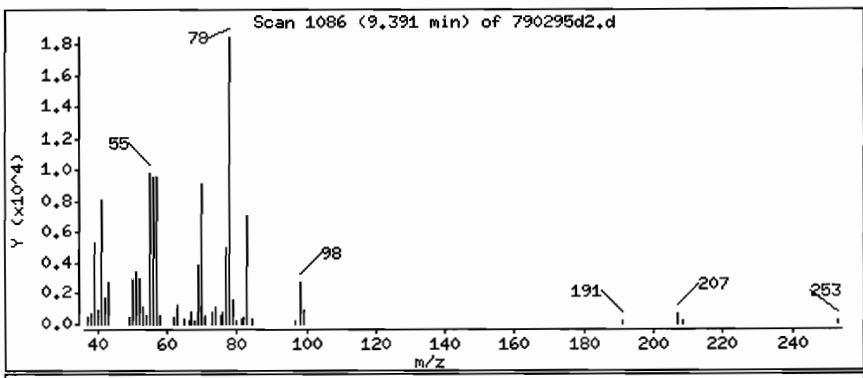
Operator: njr

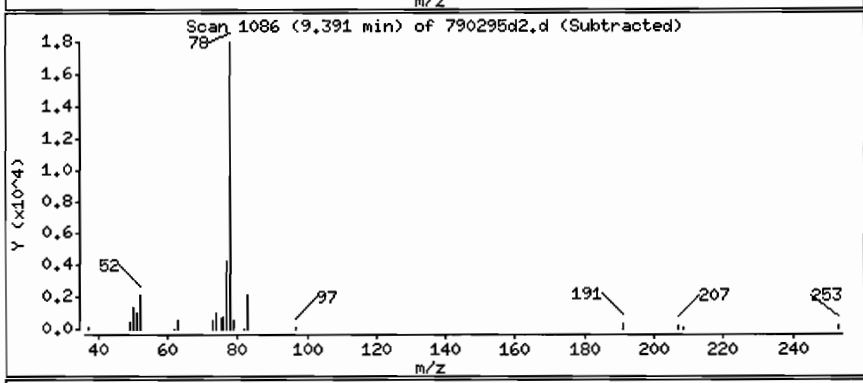
Column phase: RTX-624

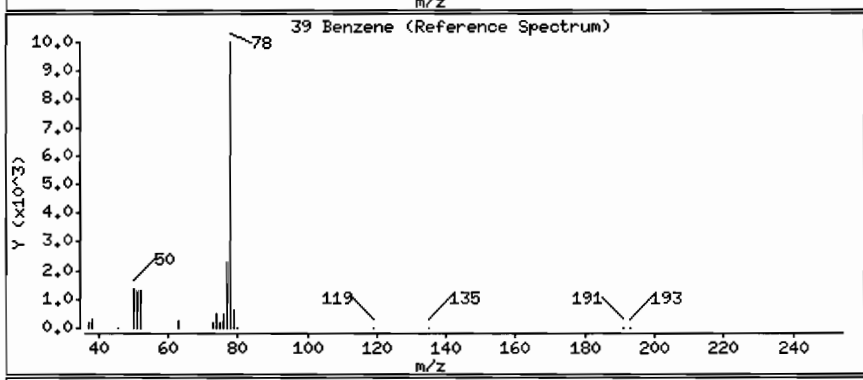
Column diameter: 0.32

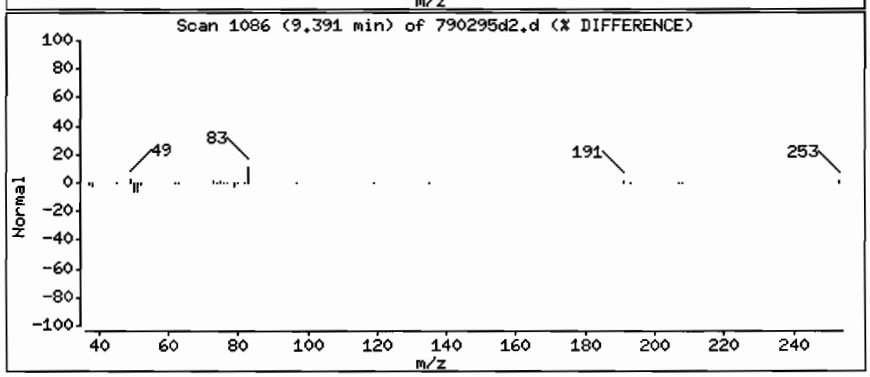
39 Benzene

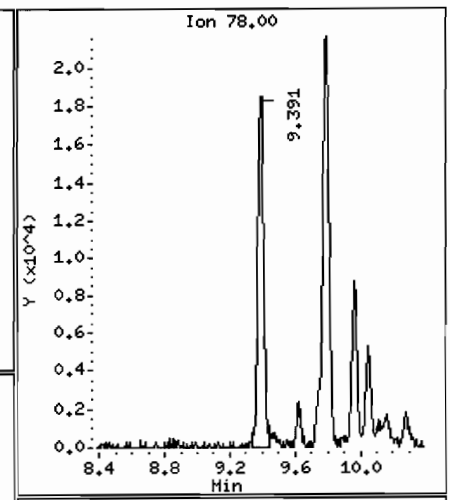
Concentration: 5600 ppbv

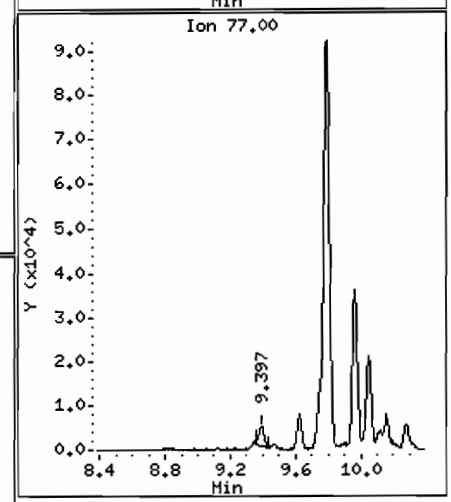












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790295d2.d

Date : 04-APR-2009 15:43

Client ID: 24VP-23V3.5

Instrument: F.i

Sample Info: 20090324VP-23V3.5 :[ ]03/24/09 @0912(AIR)

Purge Volume: 11.0

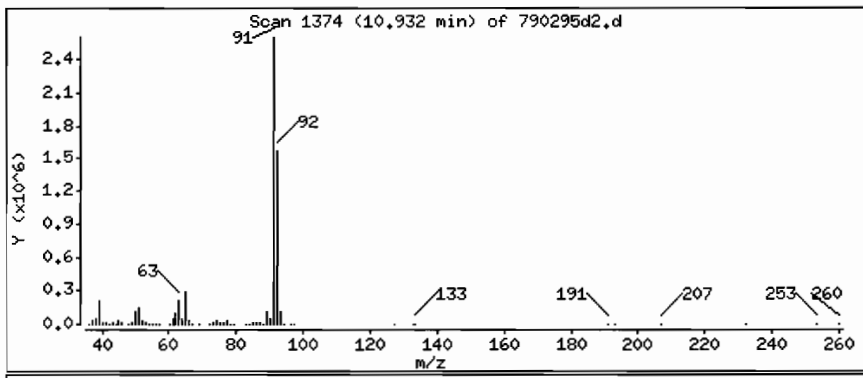
Operator: njr

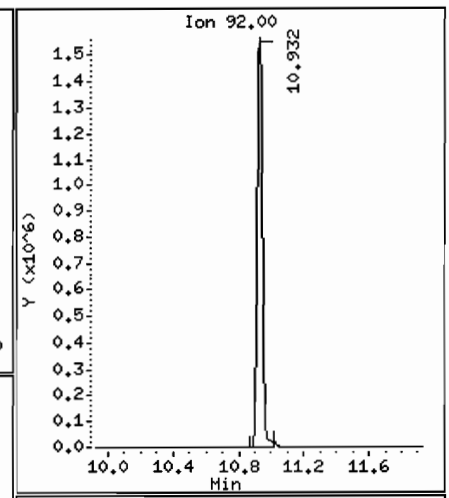
Column phase: RTX-624

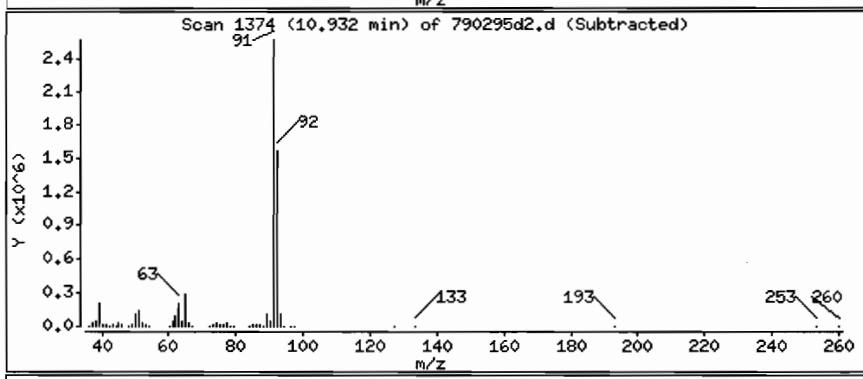
Column diameter: 0.32

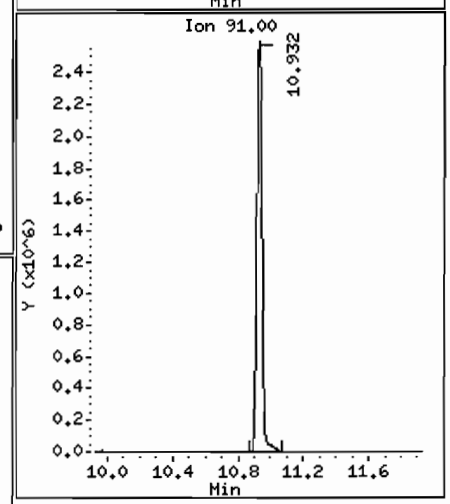
54 Toluene

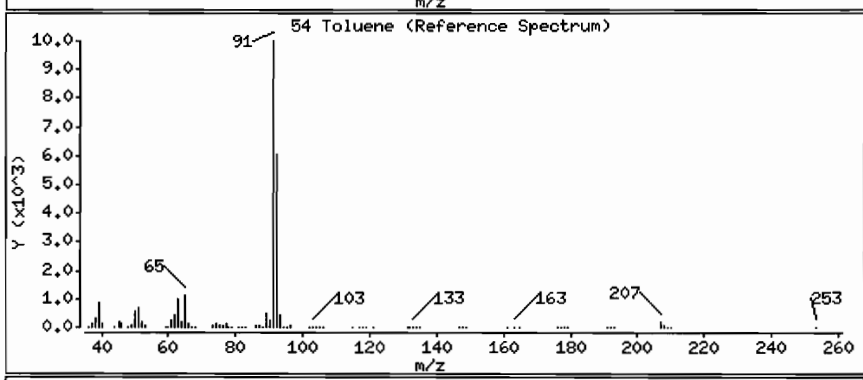
Concentration: 520000 ppbv

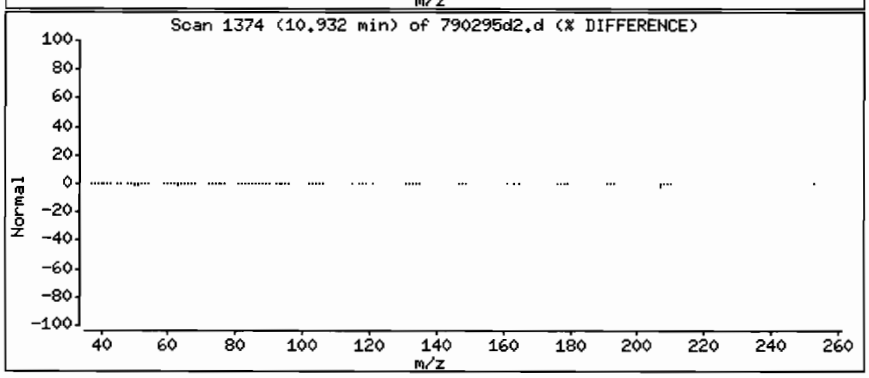










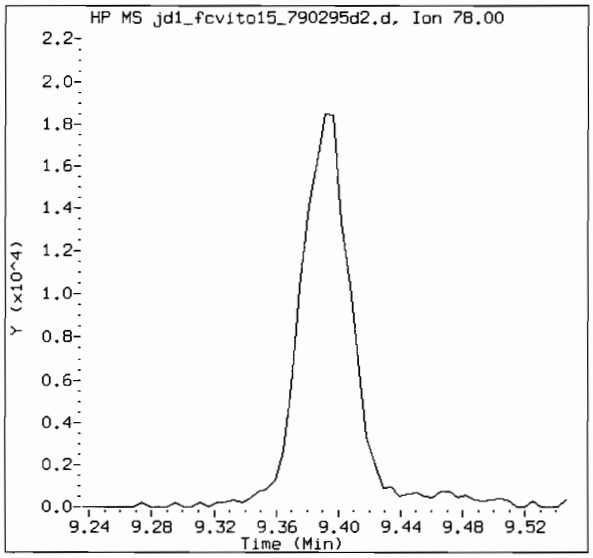


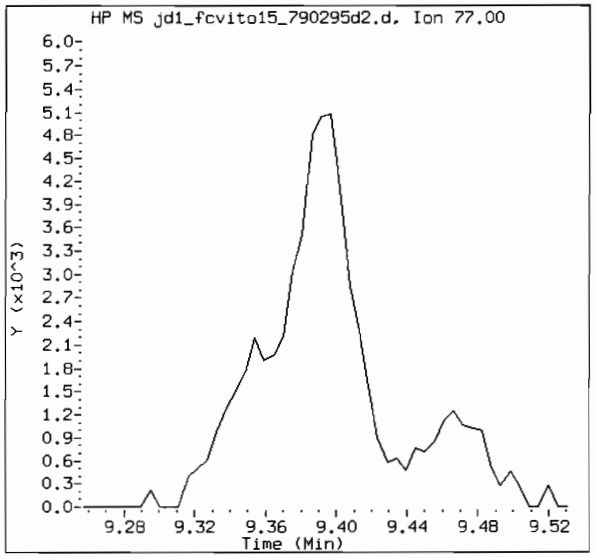
MANUAL INTEGRATION REPORT

Data File Name: 790295d2.d
Client Sample ID: 24VP-23V3.5
Compound Name: Benzene

Inj. Date and Time: 04-APR-2009 15:43
Instrument ID: F.i
CAS #: 71-43-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:38





Original Integrations:

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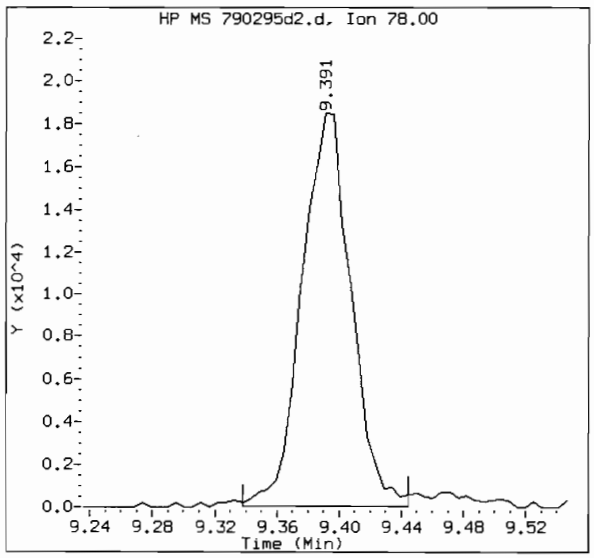
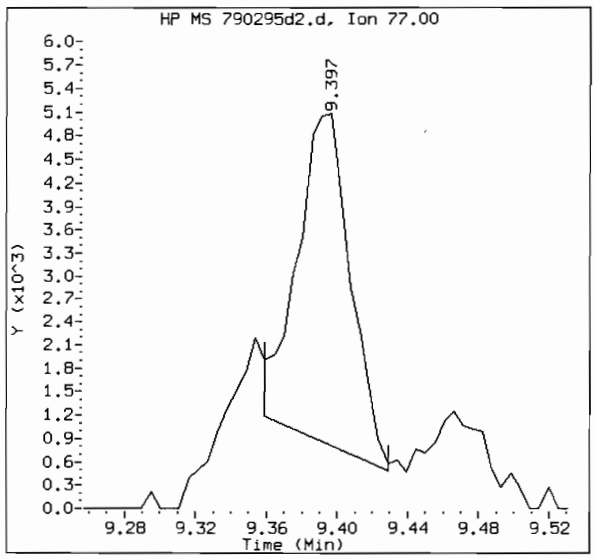
Area = 249204





Final Integrations:

Area = 40961

Area = 9033

Manual Integration Reason: MI2 - Peak missed

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-24V4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790296

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 790296D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 12.6

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	6.3	U
75-01-4	Vinyl Chloride	13	
74-83-9	Bromomethane	2.5	U
75-00-3	Chloroethane	6.3	U
75-35-4	1,1-Dichloroethene	2.5	U
67-64-1	Acetone	63	U
75-15-0	Carbon Disulfide	7.9	
75-09-2	Methylene Chloride	6.3	U
156-60-5	trans-1,2-Dichloroethene	2.5	U
75-34-3	1,1-Dichloroethane	2.5	U
78-93-3	Methyl Ethyl Ketone	6.3	U
156-59-2	cis-1,2-Dichloroethene	2.5	U
67-66-3	Chloroform	2.5	U
71-55-6	1,1,1-Trichloroethane	2.5	U
56-23-5	Carbon Tetrachloride	2.5	U
71-43-2	Benzene	2.7	
107-06-2	1,2-Dichloroethane	37	
79-01-6	Trichloroethene	2.5	U
78-87-5	1,2-Dichloropropane	2.5	U
75-27-4	Bromodichloromethane	2.5	U
10061-01-5	cis-1,3-Dichloropropene	2.5	U
108-10-1	Methyl Isobutyl Ketone	6.3	U
108-88-3	Toluene	27	
10061-02-6	trans-1,3-Dichloropropene	2.5	U
79-00-5	1,1,2-Trichloroethane	2.5	U
127-18-4	Tetrachloroethene	2.5	U
591-78-6	Methyl Butyl Ketone	6.3	U
124-48-1	Dibromochloromethane	2.5	U
108-90-7	Chlorobenzene	2.5	U
100-41-4	Ethylbenzene	5.0	
1330-20-7	Xylene (m,p)	14	
95-47-6	Xylene (o)	5.1	
100-42-5	Styrene	2.5	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-24V4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790296

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 790296D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 12.6

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

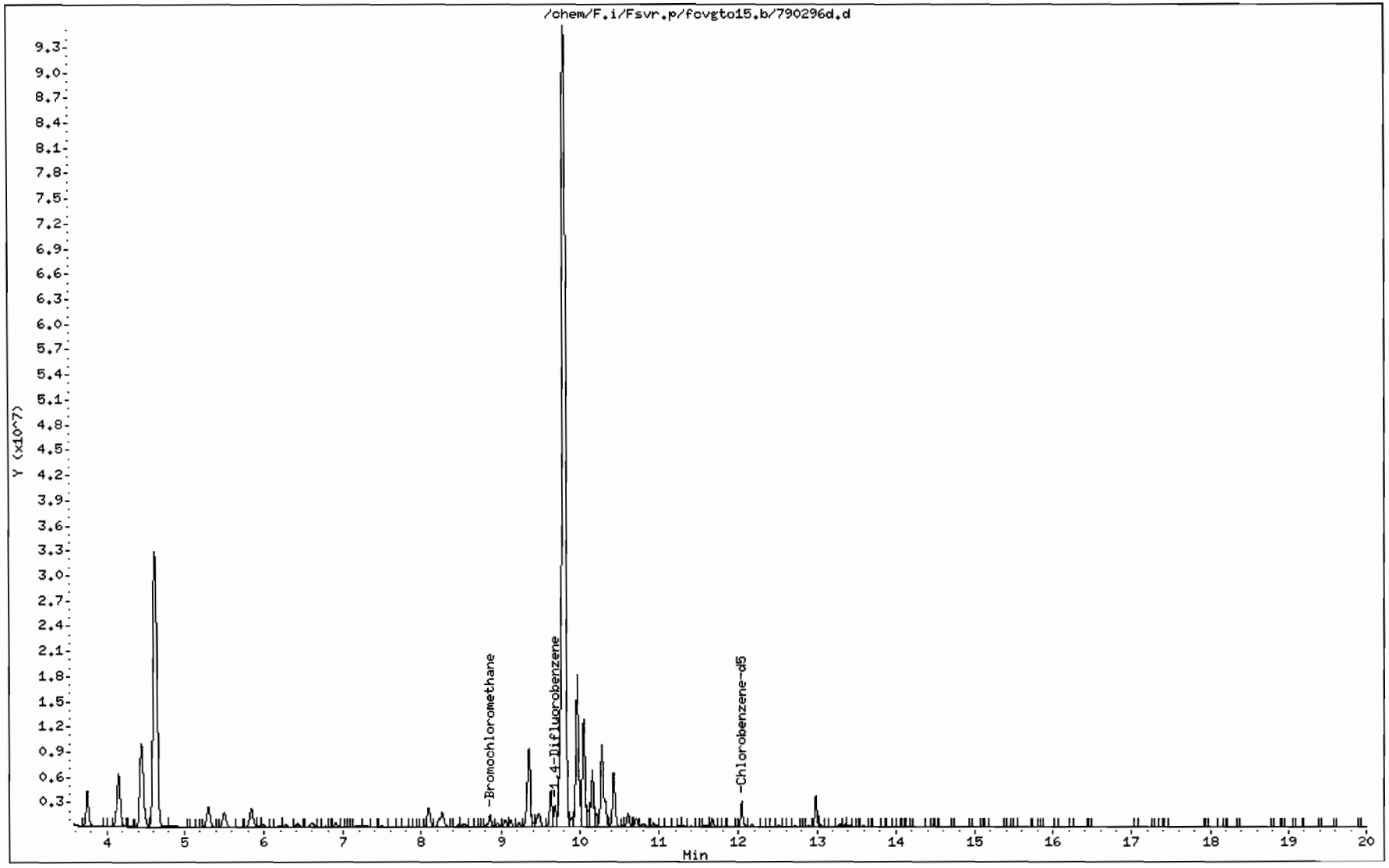
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	2.5	U
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790296d.d
Date : 02-APR-2009 13:40
Client ID: 24VP-24V4
Sample Info: 20090324VP-24V4 :[ ]03/24/09 @1012(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvgto15.b/790296d.d
Lab Smp Id: 790296 Client Smp ID: 24VP-24V4
Inj Date : 02-APR-2009 13:40
Operator : pad Inst ID: F.i
Smp Info : 20090324VP-24V4 :[ ]03/24/09 @1012(AIR)
Misc Info : 790296;040109FA;12.6;20;cdf1.26
Comment :
Method : /chem/F.i/Fsvr.p/fcvgto15.b/sto15.m
Meth Date : 14-Apr-2009 20:29 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 22
Dil Factor: 12.60000
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	12.60000	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	4.517	4.518	(0.510)	33516	1.06582	13(M)
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	6.973	6.962	(0.787)	57128	0.62872	7.9
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	8.861	8.861	(1.000)	451566	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	9.391	9.386	(0.970)	23282	0.21064	2.7(M)
41 1,2-Dichloroethane	62	9.439	9.439	(0.975)	190664	2.93521	37(M)
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2358054	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	10.926	10.926	(0.908)	194403	2.15149	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	12.039	12.039	(1.000)	2066758	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.087	12.082	(1.004)	81880	0.39885	5.0
64 Xylene (m,p)	106	12.168	12.168	(1.011)	92449	1.11617	14
65 Xylene (o)	106	12.510	12.505	(1.039)	31788	0.40304	5.1
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/F.i/Fsvr.p/fcvgto15.b/790296d.d

Date : 02-APR-2009 13:40

Client ID: 24VP-24V4

Instrument: F.i

Sample Info: 20090324VP-24V4 :[103/24/09 @1012(AIR)

Purge Volume: 20.0

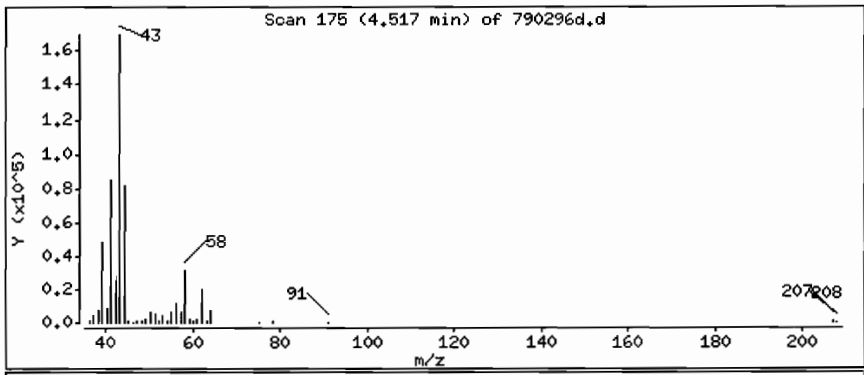
Operator: pad

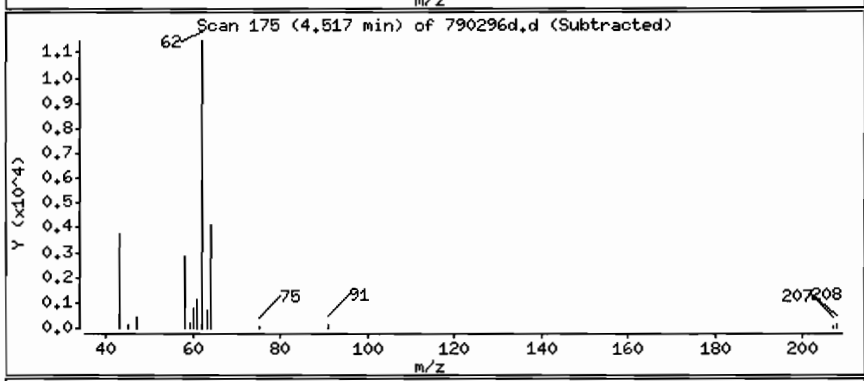
Column phase: RTX-624

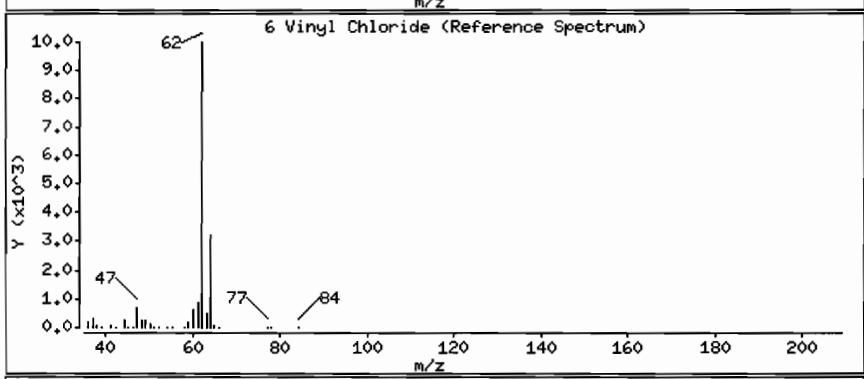
Column diameter: 0.32

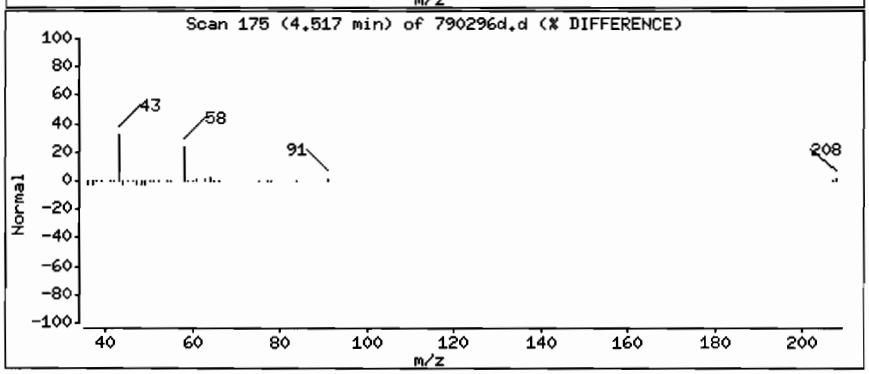
6 Vinyl Chloride

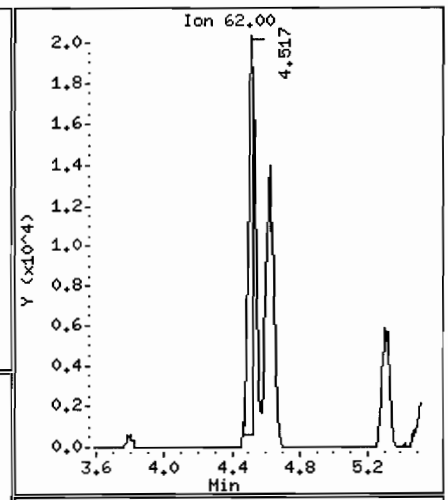
Concentration: 13 ppbv

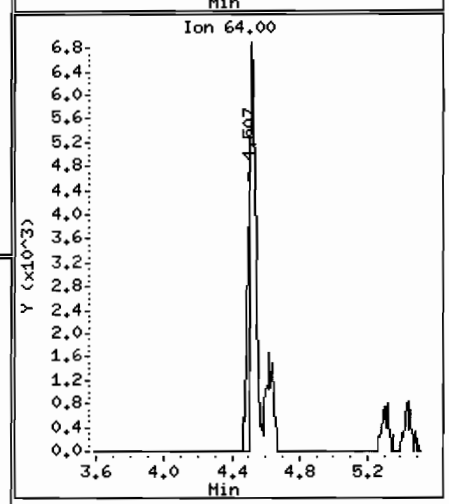












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790296d.d

Date : 02-APR-2009 13:40

Client ID: 24VP-24V4

Instrument: F.i

Sample Info: 20090324VP-24V4 :[ ]03/24/09 @1012(AIR)

Purge Volume: 20.0

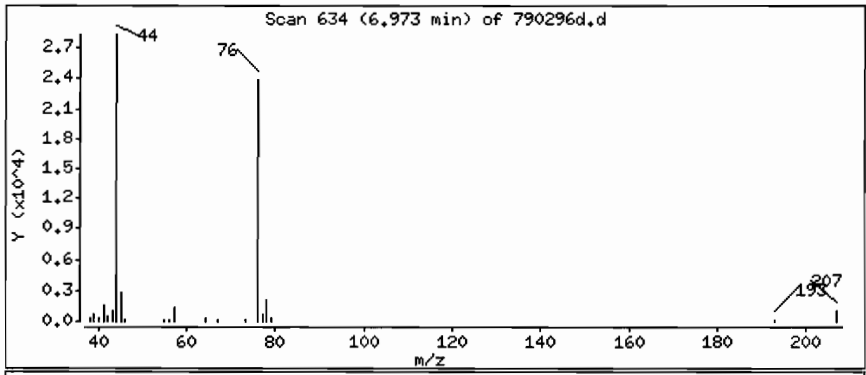
Operator: pad

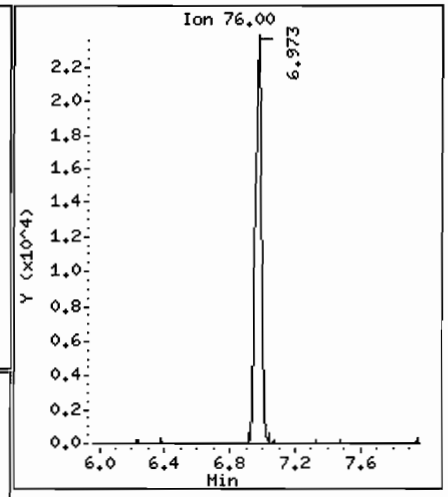
Column phase: RTX-624

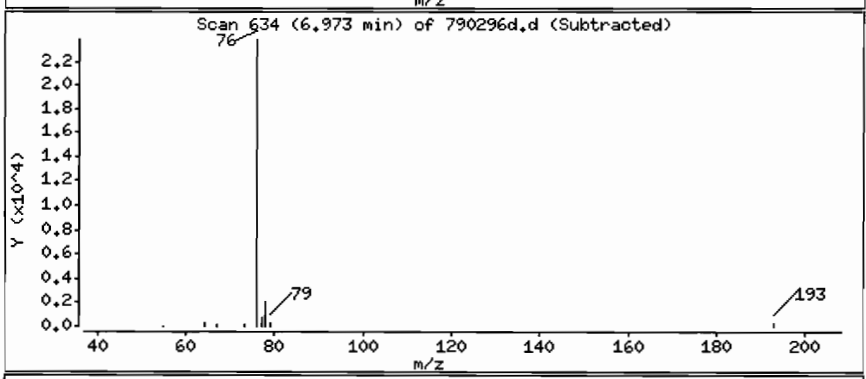
Column diameter: 0.32

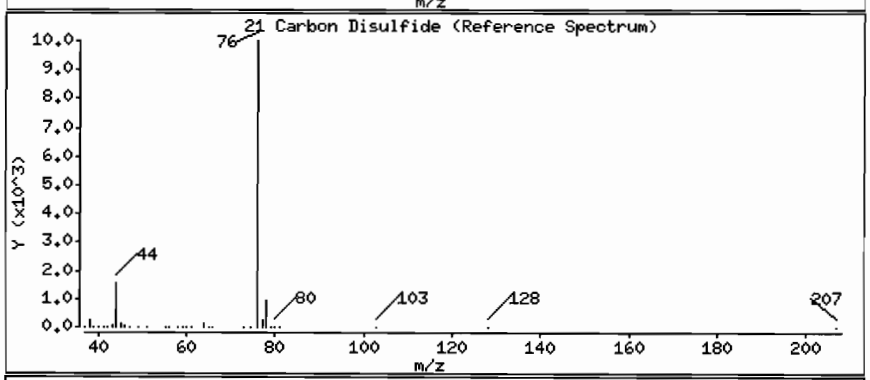
21 Carbon Disulfide

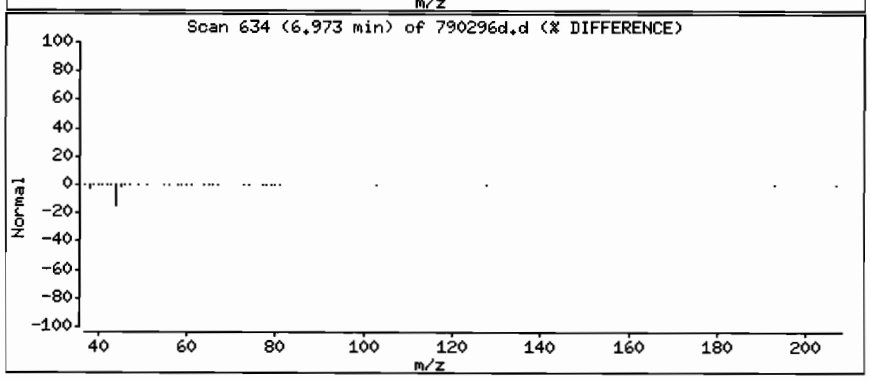
Concentration: 7.9 ppbv











Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790296d.d

Date : 02-APR-2009 13:40

Client ID: 24VP-24V4

Instrument: F.i

Sample Info: 20090324VP-24V4 :[ ]03/24/09 @1012(AIR)

Purge Volume: 20.0

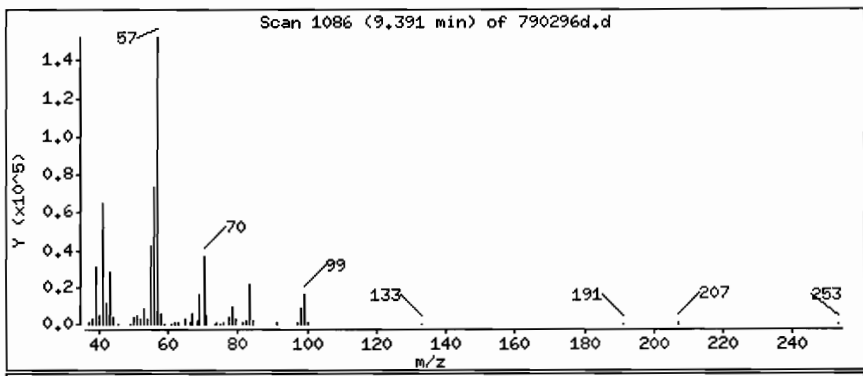
Operator: pad

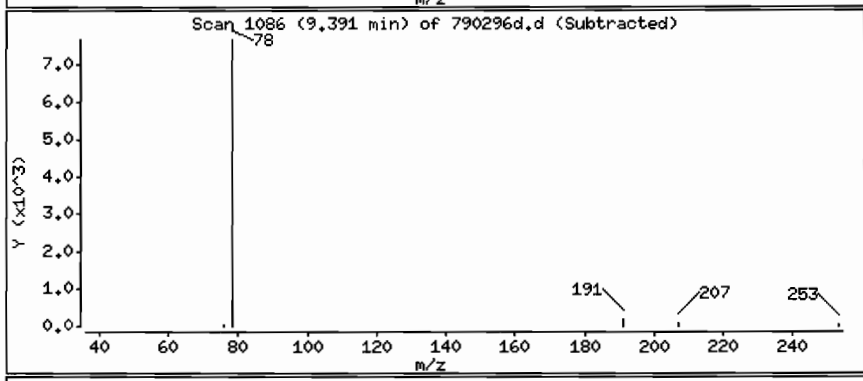
Column phase: RTX-624

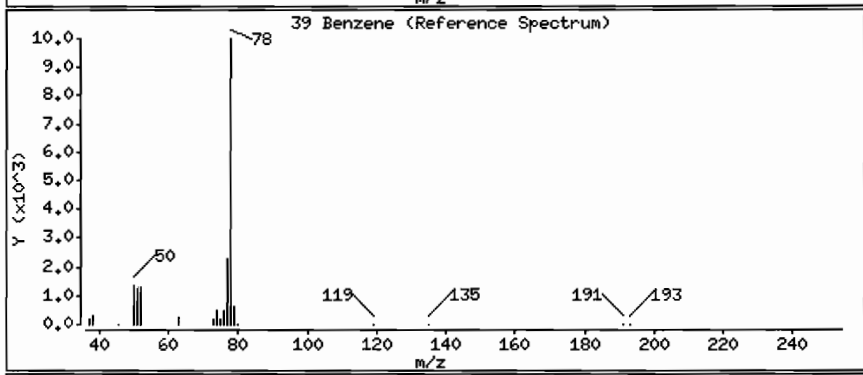
Column diameter: 0.32

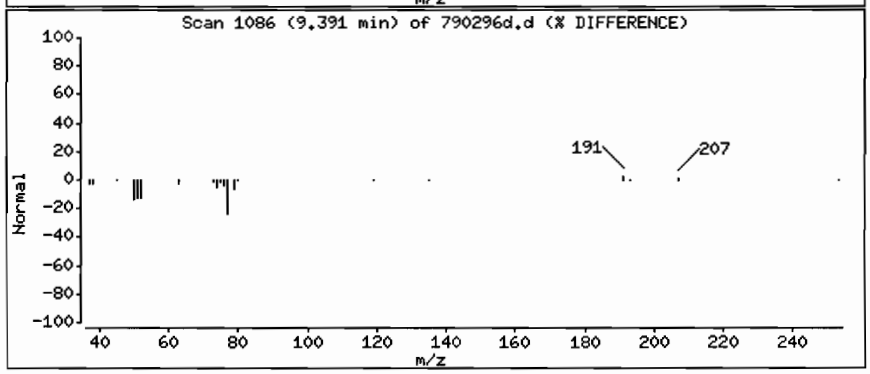
39 Benzene

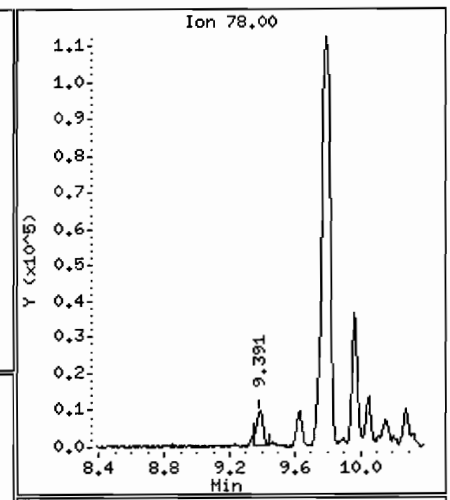
Concentration: 2.7 ppbv

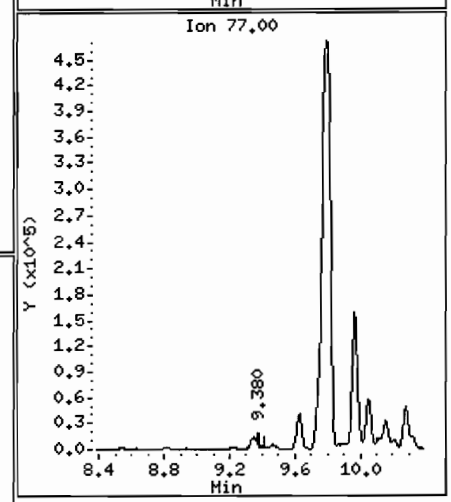












Data File: /chem/F.i/Fsvr.p/fovgto15.b/790296d.d

Date : 02-APR-2009 13:40

Client ID: 24VP-24V4

Instrument: F.i

Sample Info: 20090324VP-24V4 :[ ]03/24/09 @1012(AIR)

Purge Volume: 20.0

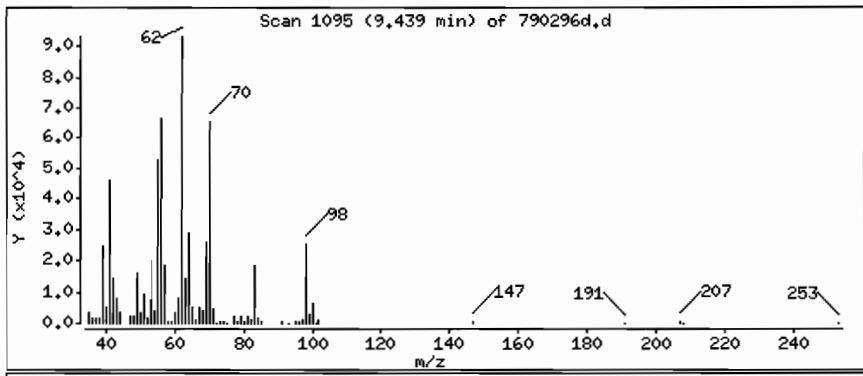
Operator: pad

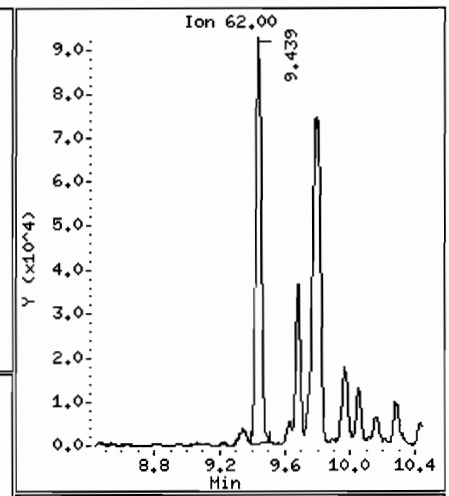
Column phase: RTX-624

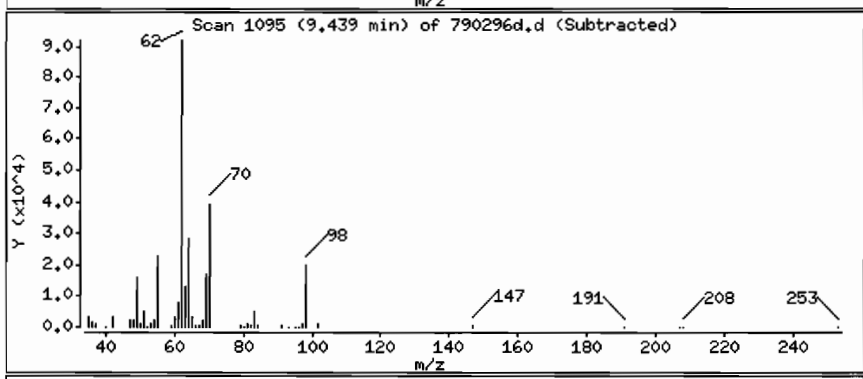
Column diameter: 0.32

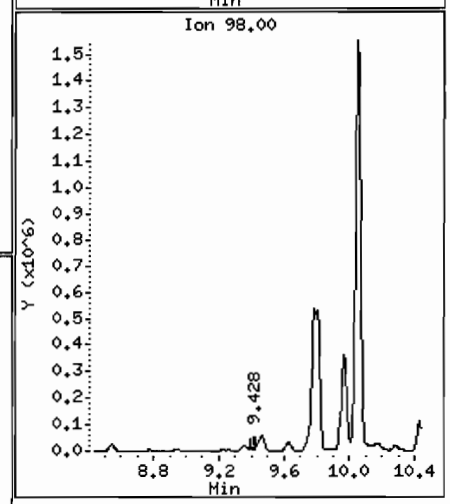
41 1,2-Dichloroethane

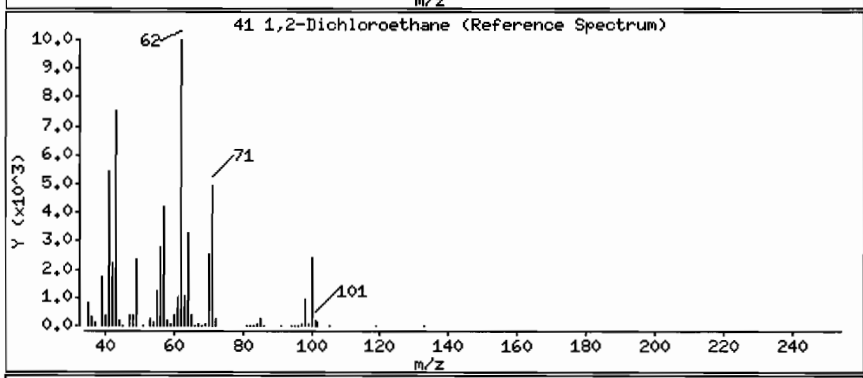
Concentration: 37 ppbv

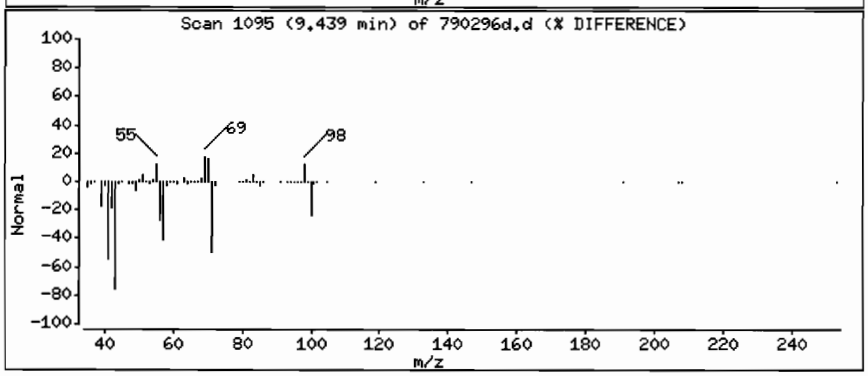












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790296d.d

Date : 02-APR-2009 13:40

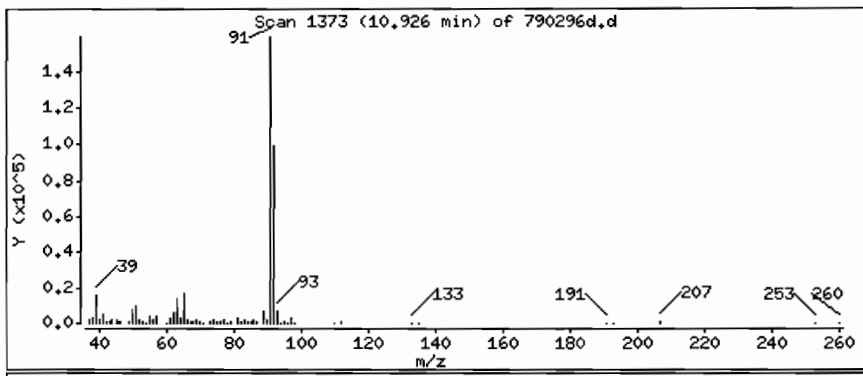
Client ID: 24VP-24V4 | Instrument: F.i

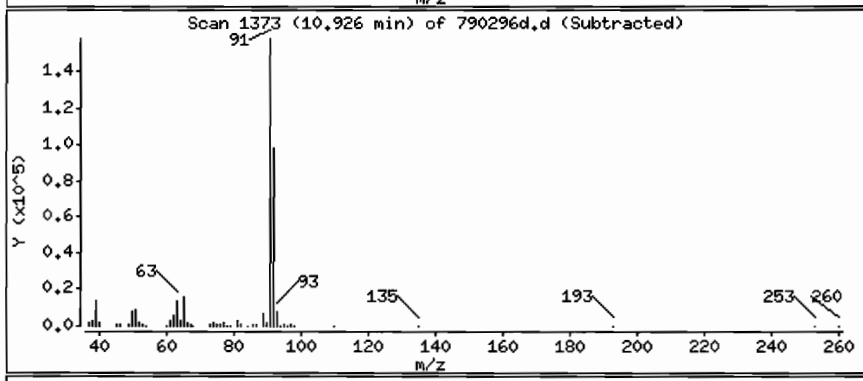
Sample Info: 20090324VP-24V4 :[ ]03/24/09 @1012(AIR)

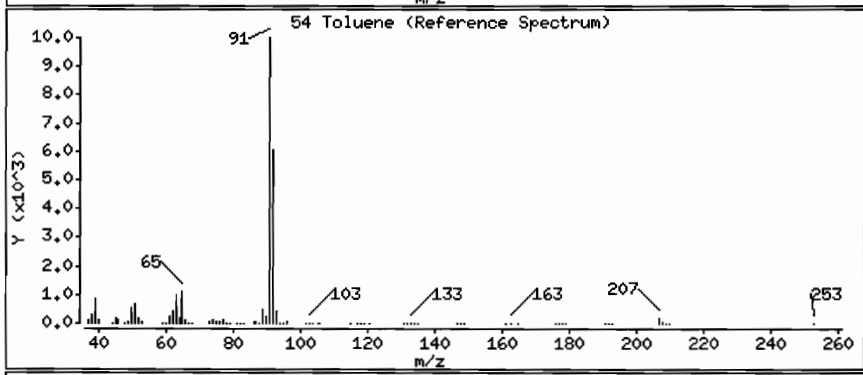
Purge Volume: 20.0 | Operator: pad

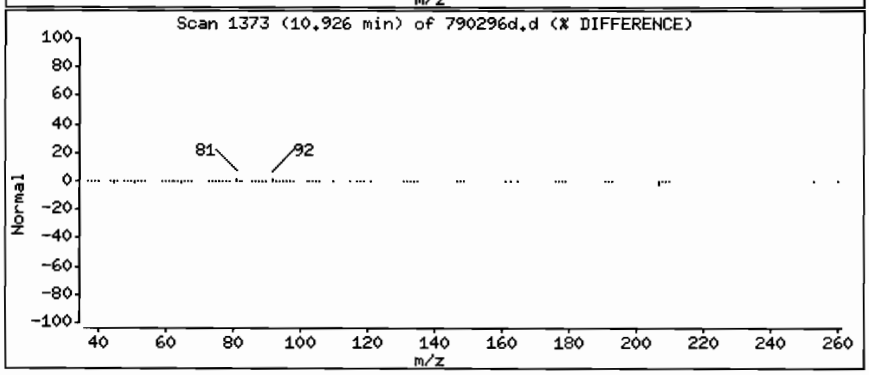
Column phase: RTX-624 | Column diameter: 0.32

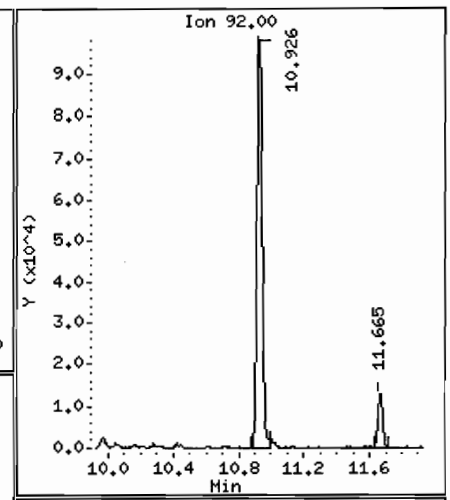
54 Toluene | Concentration: 27 ppbv

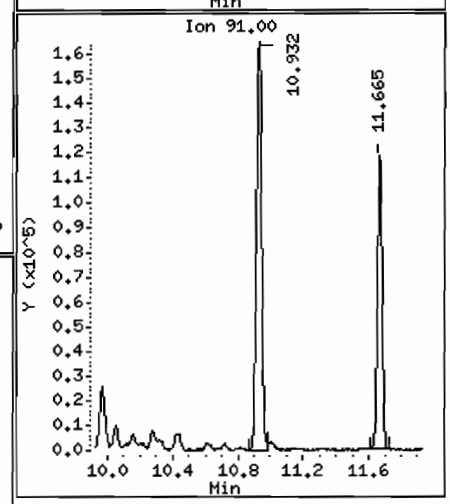












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790296d.d

Date : 02-APR-2009 13:40

Client ID: 24VP-24V4

Instrument: F.i

Sample Info: 20090324VP-24V4 :[ ]03/24/09 @1012(AIR)

Purge Volume: 20.0

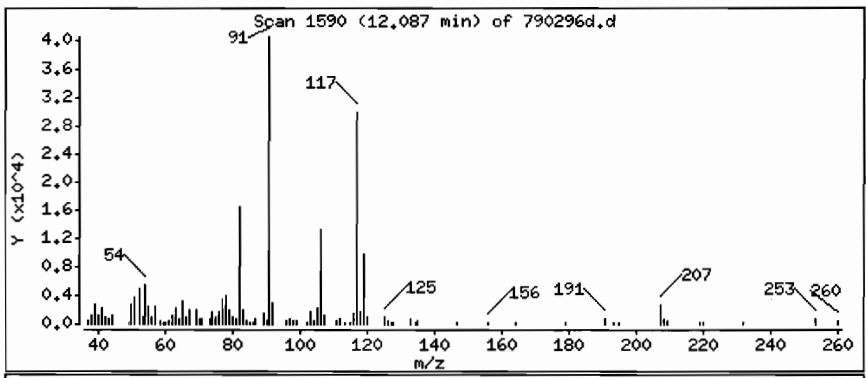
Operator: pad

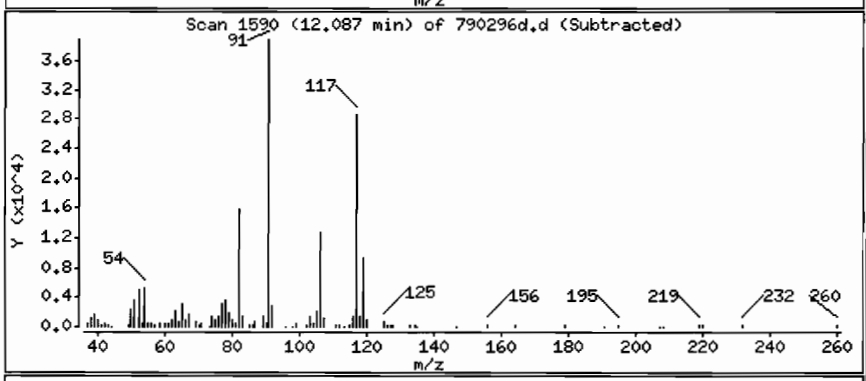
Column phase: RTX-624

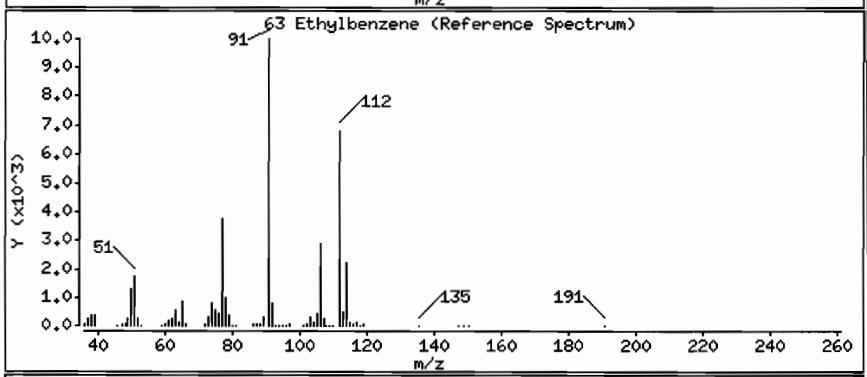
Column diameter: 0.32

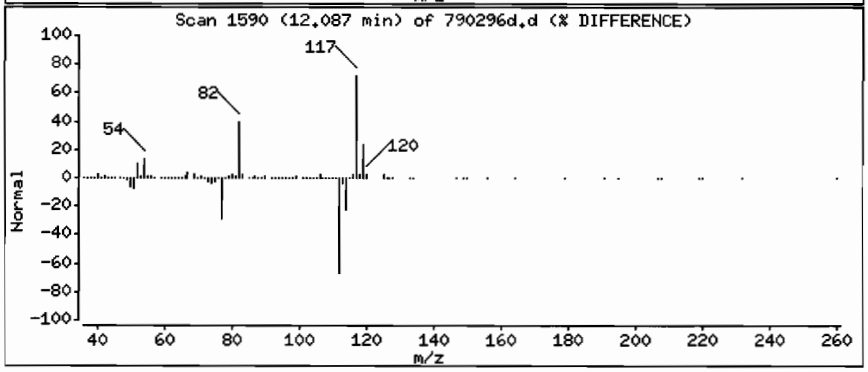
63 Ethylbenzene

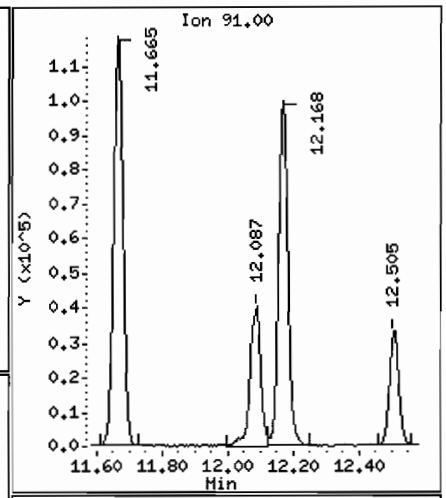
Concentration: 5.0 ppbv

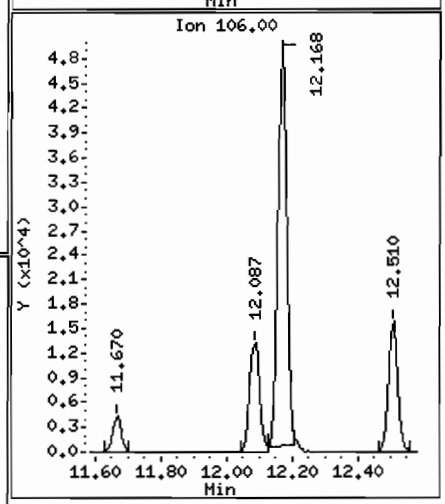












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790296d.d

Date : 02-APR-2009 13:40

Client ID: 24VP-24V4

Instrument: F.i

Sample Info: 20090324VP-24V4 :[103/24/09 @1012(AIR)

Purge Volume: 20.0

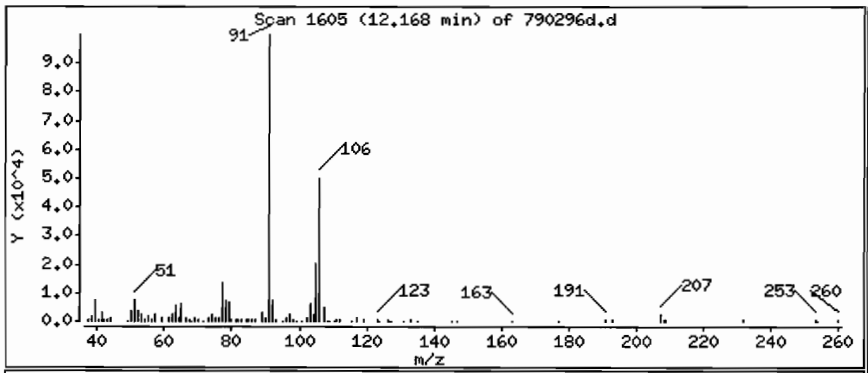
Operator: pad

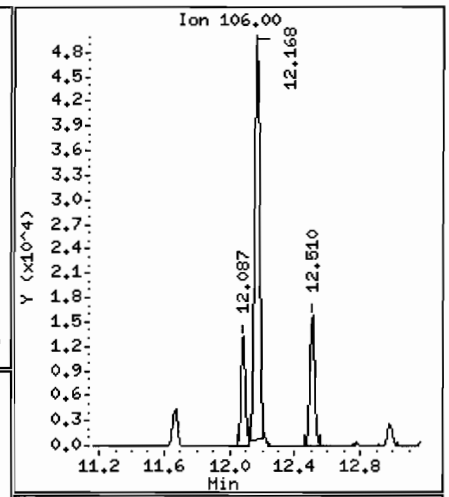
Column phase: RTX-624

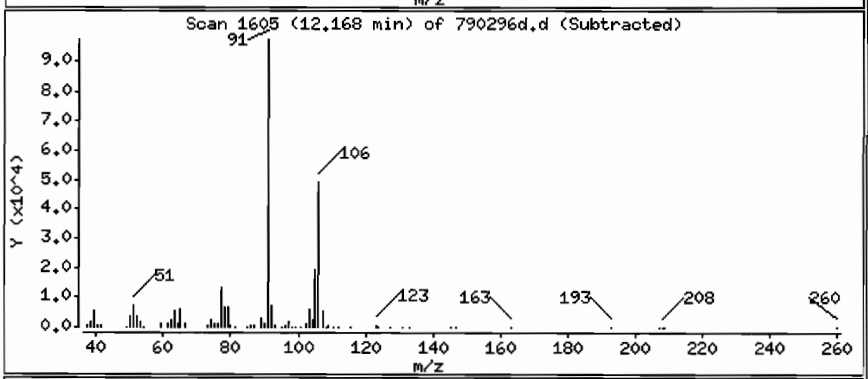
Column diameter: 0.32

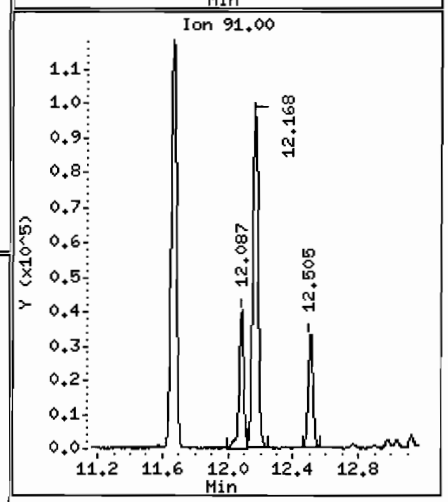
64 Xylene (m,p)

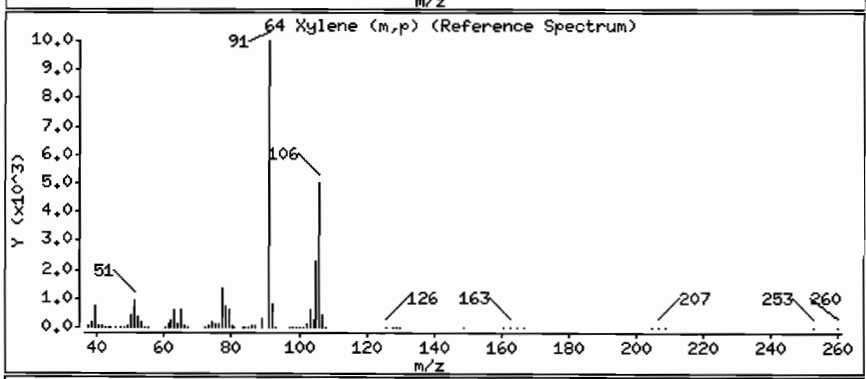
Concentration: 14 ppbv

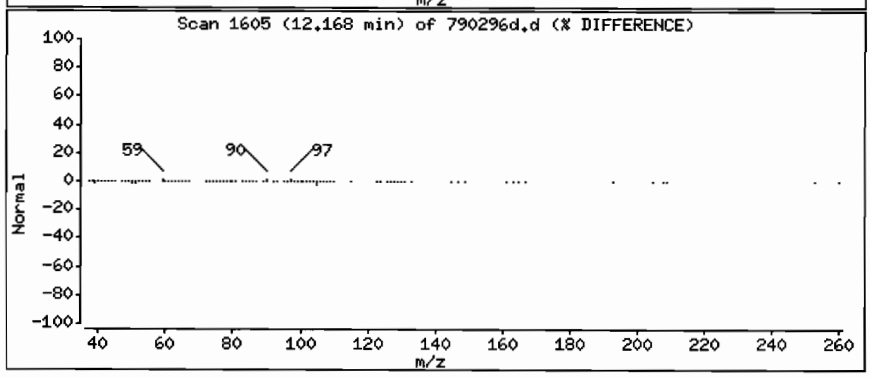












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790296d.d

Date : 02-APR-2009 13:40

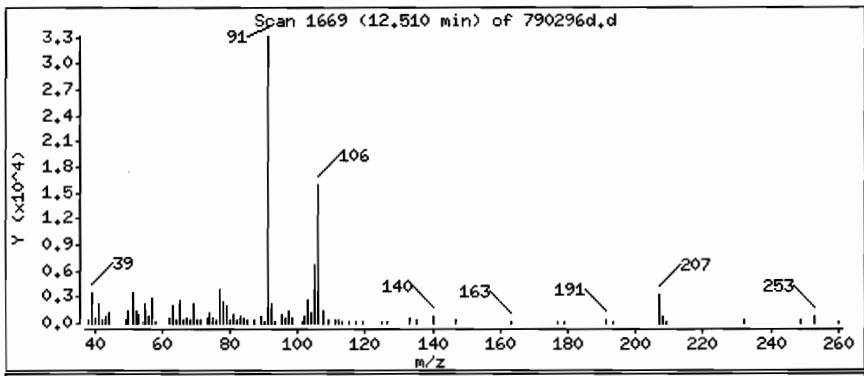
Client ID: 24VP-24V4 | Instrument: F.i

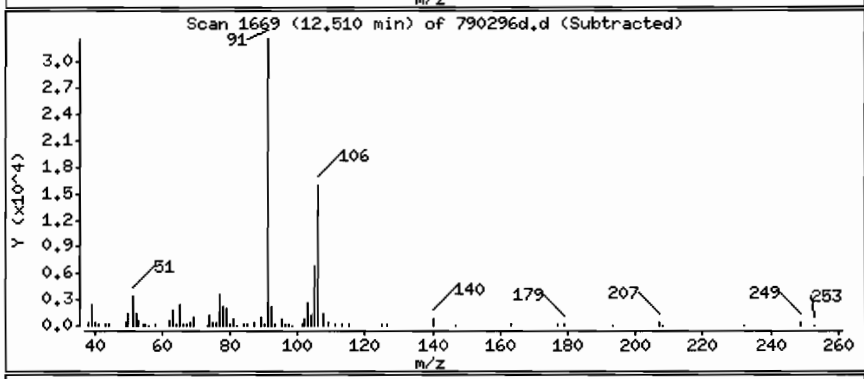
Sample Info: 20090324VP-24V4 :[ ]03/24/09 @1012(AIR)

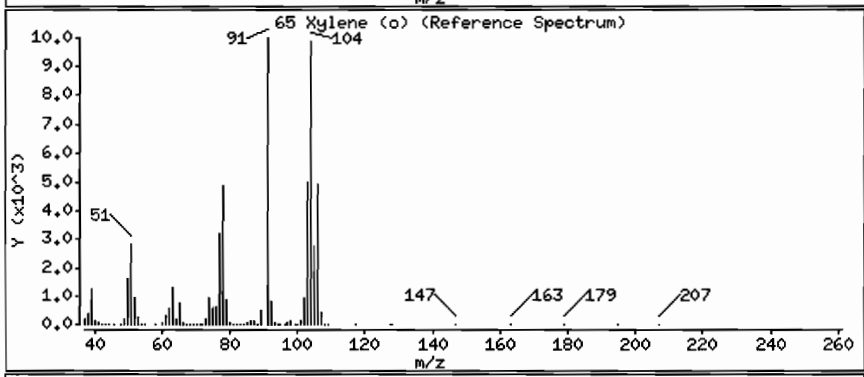
Purge Volume: 20.0 | Operator: pad

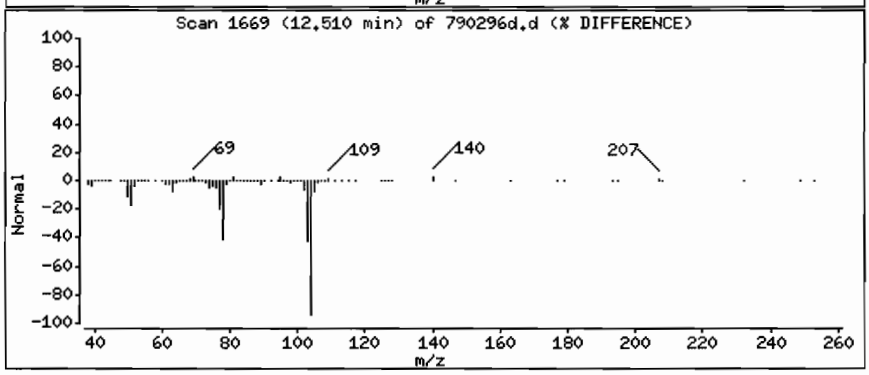
Column phase: RTX-624 | Column diameter: 0.32

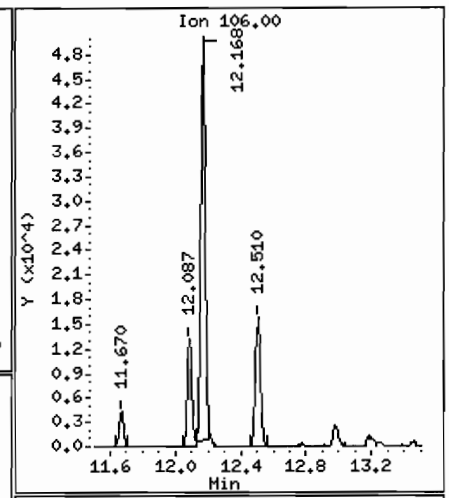
65 Xylene (o) | Concentration: 5.1 ppbv

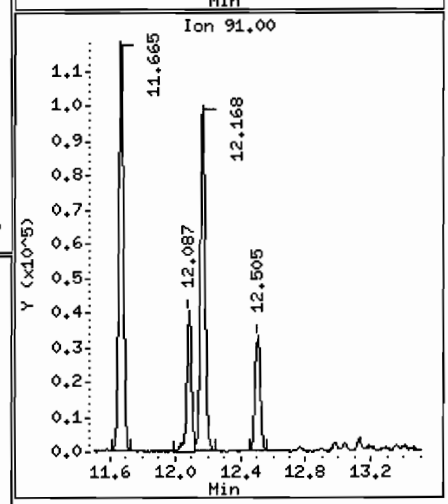










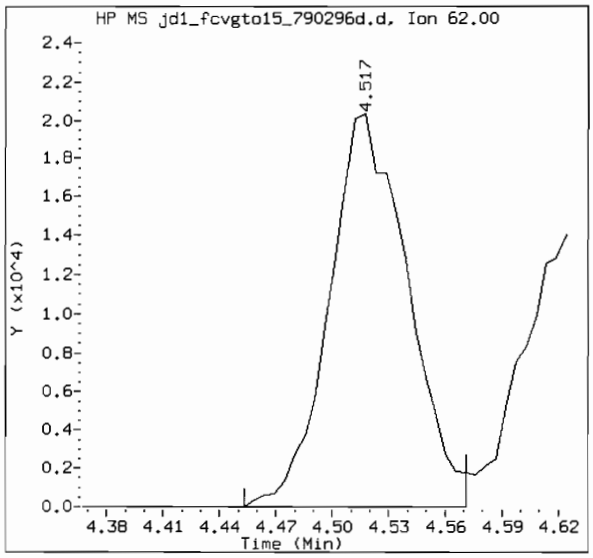


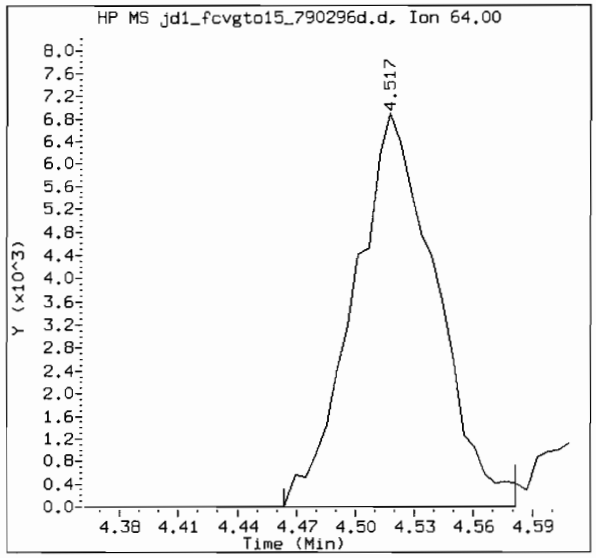
MANUAL INTEGRATION REPORT

Data File Name: 790296d.d
Client Sample ID: 24VP-24V4
Compound Name: Vinyl Chloride

Inj. Date and Time: 02-APR-2009 13:40
Instrument ID: F.i
CAS #: 75-01-4

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:30

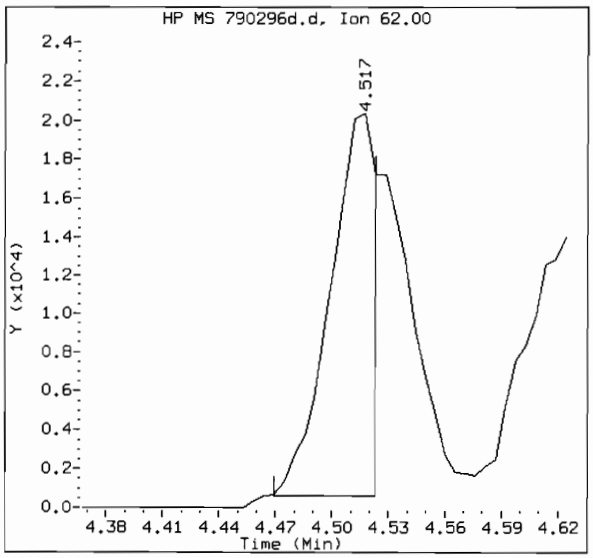


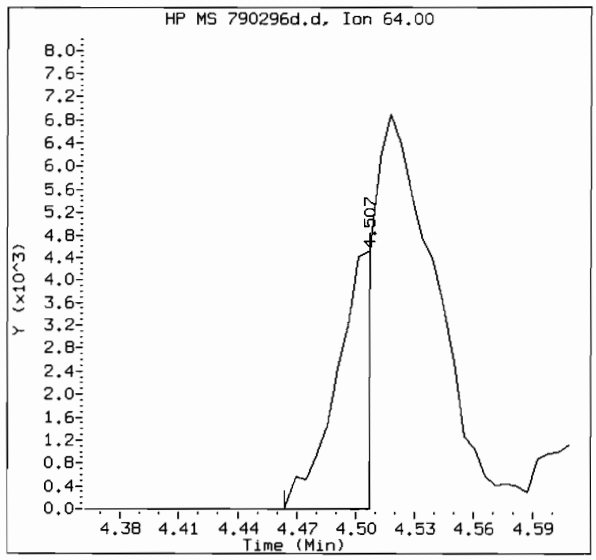


Original Integrations:

Area = 59170

Area = 20049





Final Integrations:

Area = 33516

Area = 5766

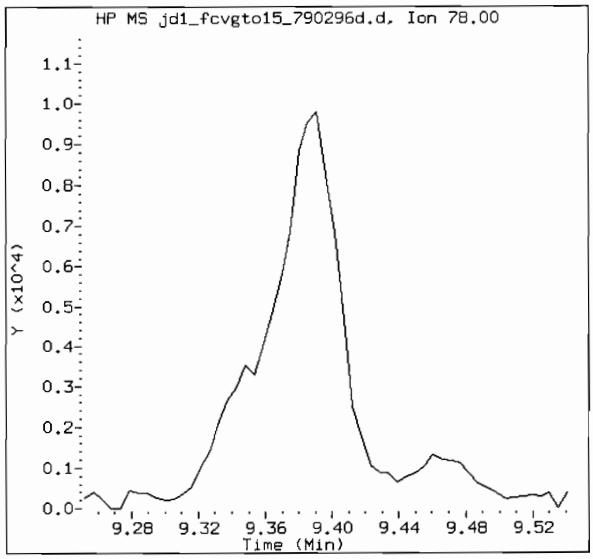
Manual Integration Reason: MI1 - Poor automated baseline

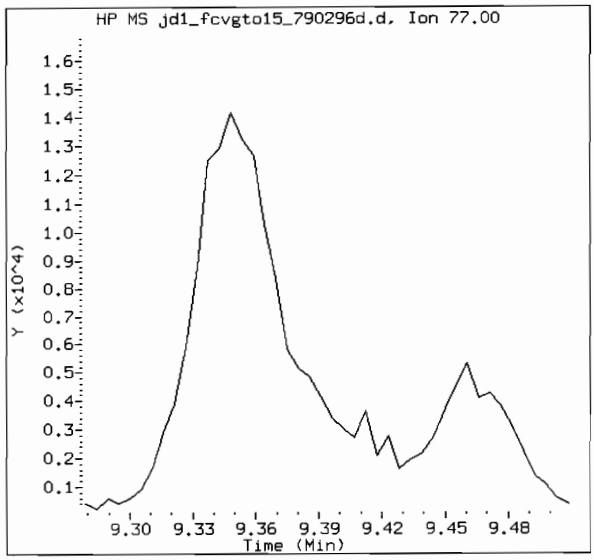
MANUAL INTEGRATION REPORT

Data File Name: 790296d.d
Client Sample ID: 24VP-24V4
Compound Name: Benzene

Inj. Date and Time: 02-APR-2009 13:40
Instrument ID: F.i
CAS #: 71-43-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:30

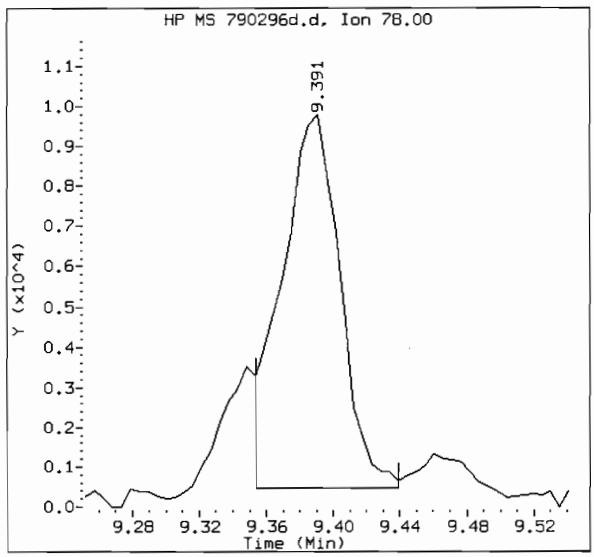


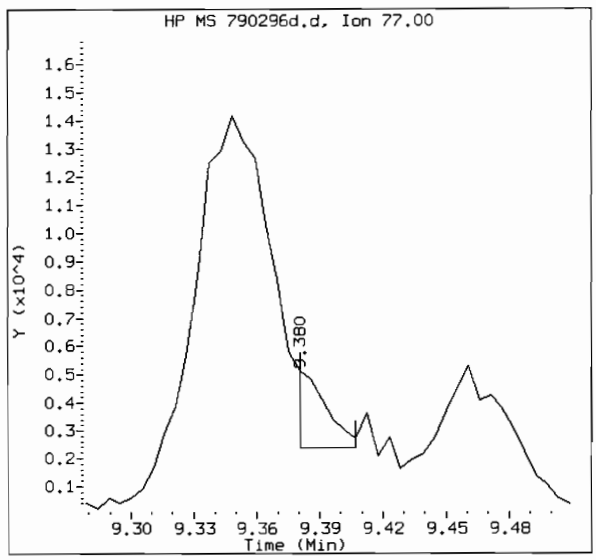


Original Integrations:

Area = 23028

Area = 93405





Final Integrations:

Area = 23282

Area = 2843

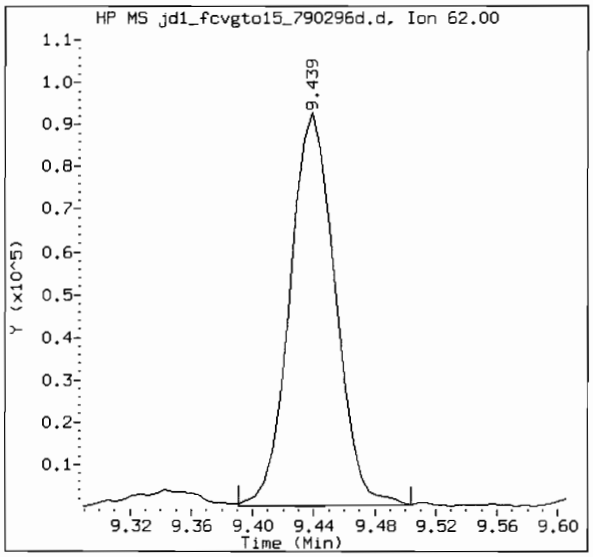
Manual Integration Reason: MI1 - Poor automated baseline

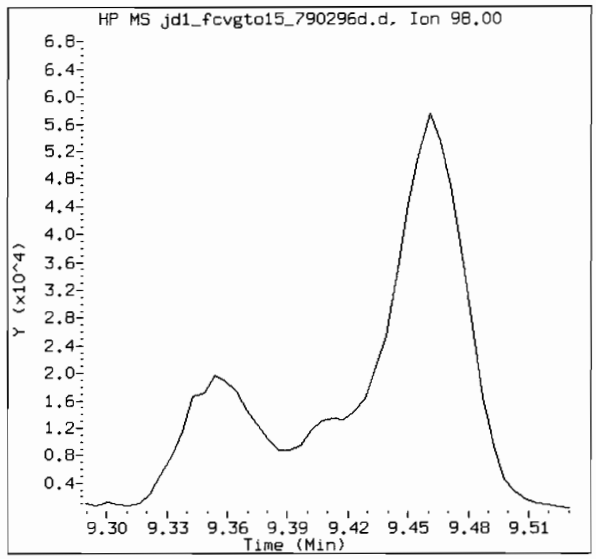
MANUAL INTEGRATION REPORT

Data File Name: 790296d.d
Client Sample ID: 24VP-24V4
Compound Name: 1,2-Dichloroethane

Inj. Date and Time: 02-APR-2009 13:40
Instrument ID: F.i
CAS #: 107-06-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:30

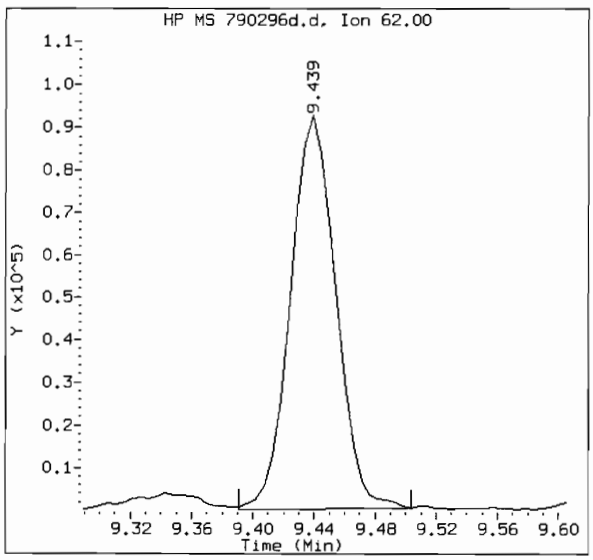


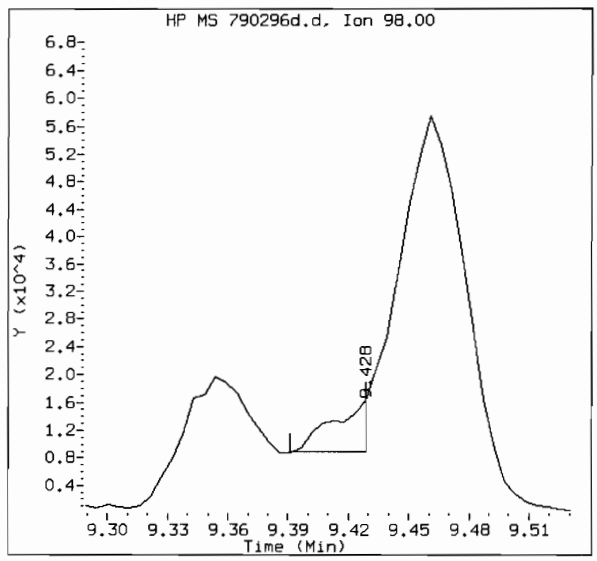


Original Integrations:

Area = 190664

Area = 931911





Final Integrations:

Area = 190664

Area = 9281

Manual Integration Reason: MI2 - Peak missed

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-25V6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790297

Sample wt/vol: 19.00 (g/mL) ML Lab File ID: 790297D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10200.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	5100	U
75-01-4	Vinyl Chloride	2000	U
74-83-9	Bromomethane	2000	U
75-00-3	Chloroethane	5100	U
75-35-4	1,1-Dichloroethene	2000	U
67-64-1	Acetone	51000	U
75-15-0	Carbon Disulfide	5100	U
75-09-2	Methylene Chloride	5100	U
156-60-5	trans-1,2-Dichloroethene	2000	U
75-34-3	1,1-Dichloroethane	2000	U
78-93-3	Methyl Ethyl Ketone	5100	U
156-59-2	cis-1,2-Dichloroethene	2000	U
67-66-3	Chloroform	2000	U
71-55-6	1,1,1-Trichloroethane	2000	U
56-23-5	Carbon Tetrachloride	2000	U
71-43-2	Benzene	2000	U
107-06-2	1,2-Dichloroethane	2000	U
79-01-6	Trichloroethene	2000	U
78-87-5	1,2-Dichloropropane	2000	U
75-27-4	Bromodichloromethane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
108-10-1	Methyl Isobutyl Ketone	5100	U
108-88-3	Toluene	290000	
10061-02-6	trans-1,3-Dichloropropene	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
127-18-4	Tetrachloroethene	2000	U
591-78-6	Methyl Butyl Ketone	5100	U
124-48-1	Dibromochloromethane	2000	U
108-90-7	Chlorobenzene	2000	U
100-41-4	Ethylbenzene	2000	U
1330-20-7	Xylene (m,p)	6300	
95-47-6	Xylene (o)	2000	U
100-42-5	Styrene	2000	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-25V6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790297

Sample wt/vol: 19.00 (g/mL) ML Lab File ID: 790297D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10200.0

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

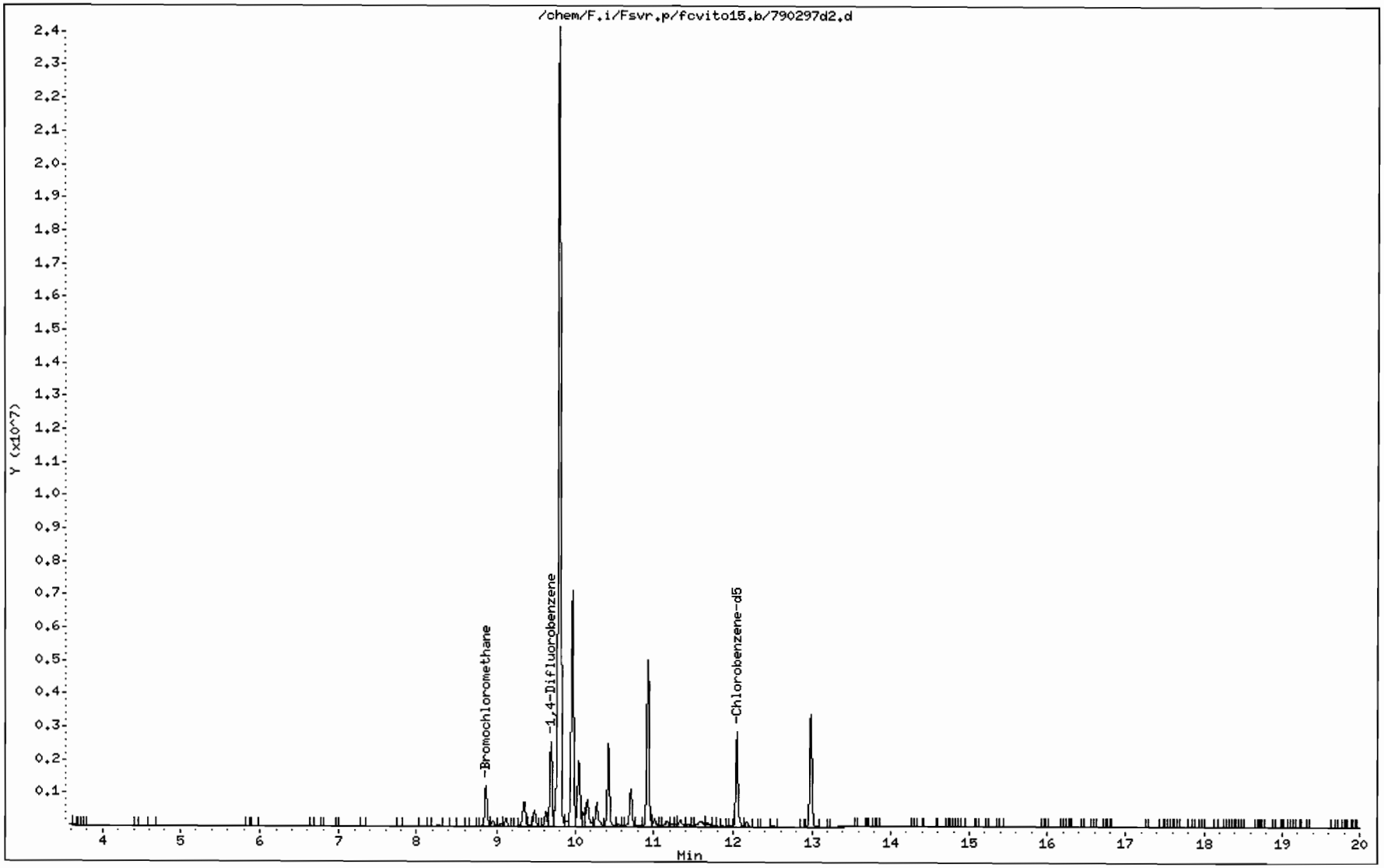
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	2000	U
79-34-5	1,1,2,2-Tetrachloroethane	2000	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvito15.b/790297d2.d
Date : 04-APR-2009 16:33
Client ID: 24VP-25V6
Sample Info: 20090324VP-25V6 :[ ]03/24/09 @1145(AIR)
Purge Volume: 19.0
Column phase: RTX-624

Page 3

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvito15.b/790297d2.d
Lab Smp Id: 790297 Client Smp ID: 24VP-25V6
Inj Date : 04-APR-2009 16:33
Operator : njr Inst ID: F.i
Smp Info : 20090324VP-25V6 :[ ]03/24/09 @1145(AIR)
Misc Info : 790297;040409FA;10200;19;cdf965
Comment :
Method : /chem/F.i/Fsvr.p/fcvito15.b/sto15.m
Meth Date : 14-Apr-2009 20:38 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 9
Dil Factor: 10200.00000
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	10200.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	19.00000	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	8.861	8.861	(1.000)	450761	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	9.685	9.685	(1.000)	2363026	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	10.926	10.926	(0.907)	2581457	28.5972	290000
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	12.045	12.039	(1.000)	2064754	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	12.168	12.168	(1.010)	50871	0.61478	6300
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/F.i/Fsvr.p/fcvito15.b/790297d2.d

Date : 04-APR-2009 16:33

Client ID: 24VP-25V6

Instrument: F.i

Sample Info: 20090324VP-25V6 :[ ]03/24/09 @1145(AIR)

Purge Volume: 19.0

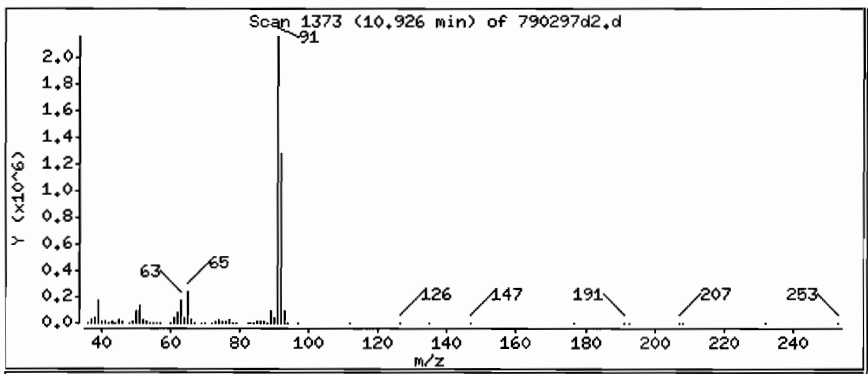
Operator: njr

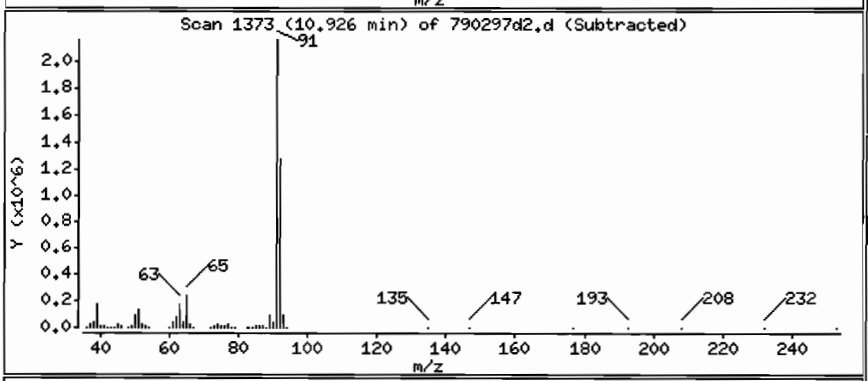
Column phase: RTX-624

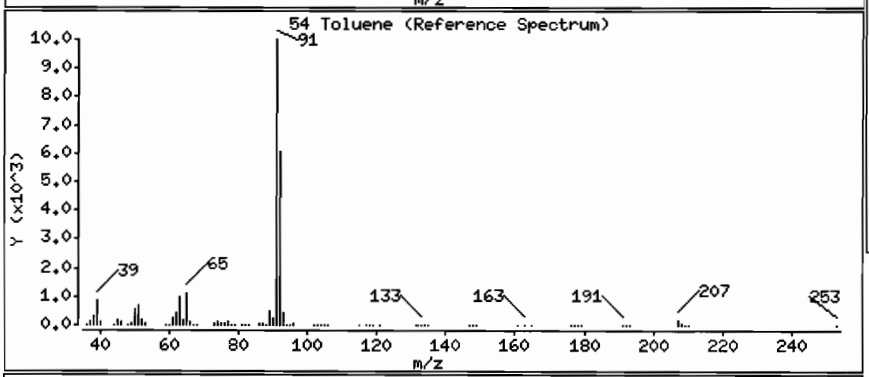
Column diameter: 0.32

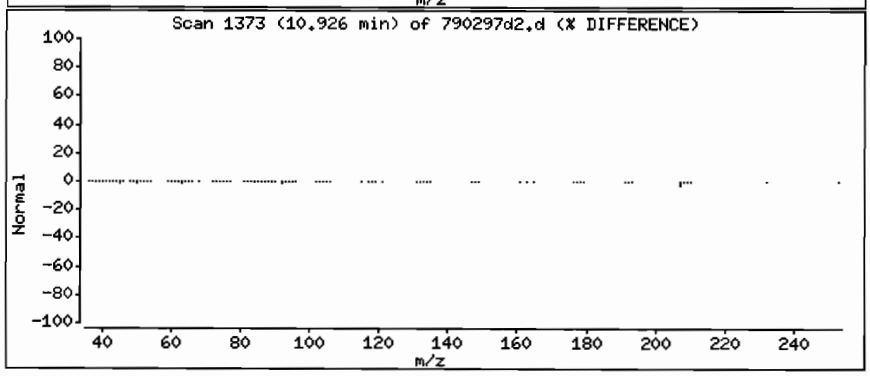
54 Toluene

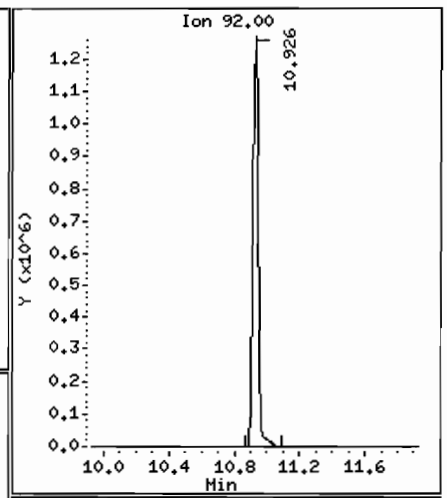
Concentration: 290000 ppbv

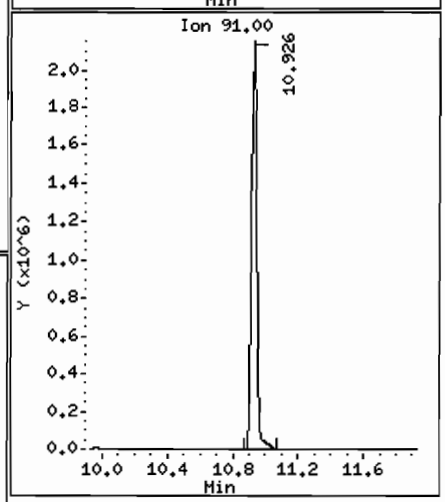












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790297d2.d

Date : 04-APR-2009 16:33

Client ID: 24VP-25V6

Instrument: F.i

Sample Info: 20090324VP-25V6 :[103/24/09 @1145(AIR)

Purge Volume: 19.0

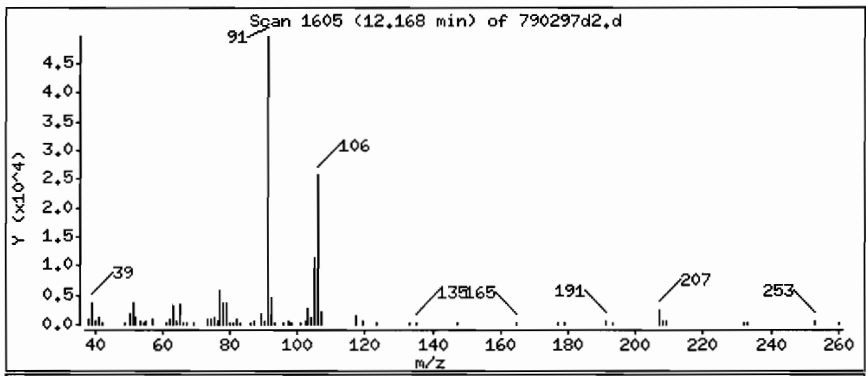
Operator: njr

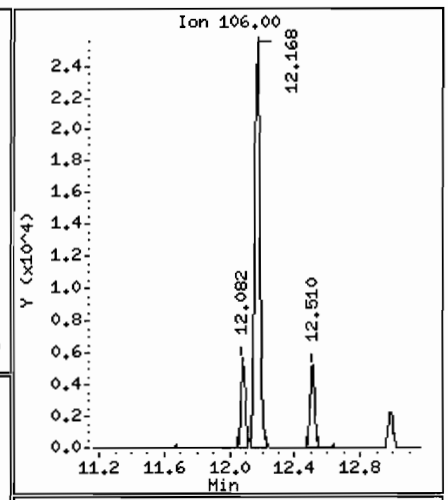
Column phase: RTX-624

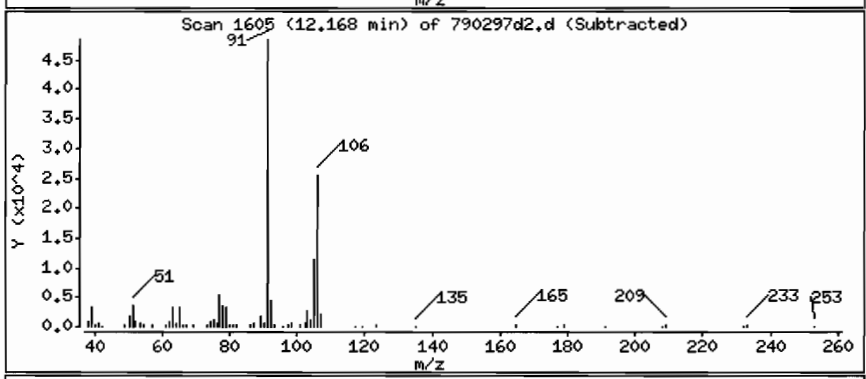
Column diameter: 0.32

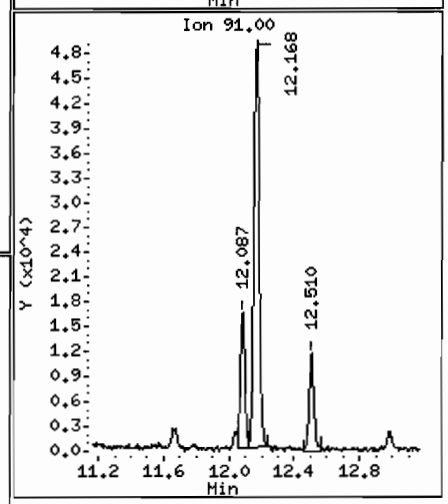
64 Xylene (m,p)

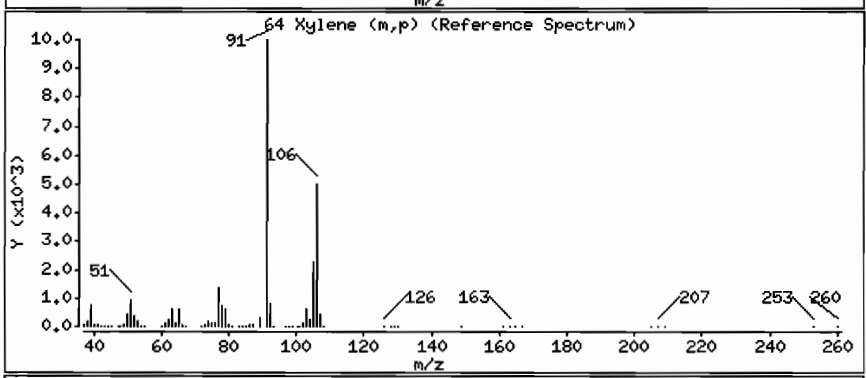
Concentration: 6300 ppbv

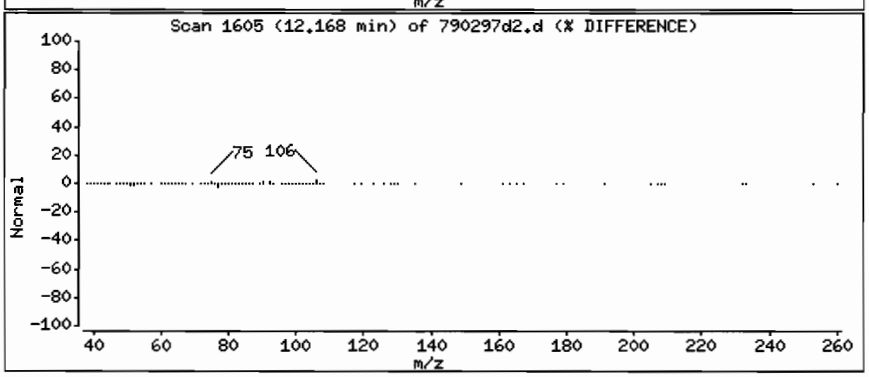












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-26V5.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790299

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 790299D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

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	1.0	U
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	
75-15-0	Carbon Disulfide	2.5	U
75-09-2	Methylene Chloride	2.5	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.6	
78-93-3	Methyl Ethyl Ketone	2.5	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	130	
71-55-6	1,1,1-Trichloroethane	9.0	
56-23-5	Carbon Tetrachloride	12	
71-43-2	Benzene	1.3	
107-06-2	1,2-Dichloroethane	11	
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	31	
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
127-18-4	Tetrachloroethene	3.5	
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	28	
1330-20-7	Xylene (m,p)	95	
95-47-6	Xylene (o)	38	
100-42-5	Styrene	1.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-26V5.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790299

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 790299D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

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

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

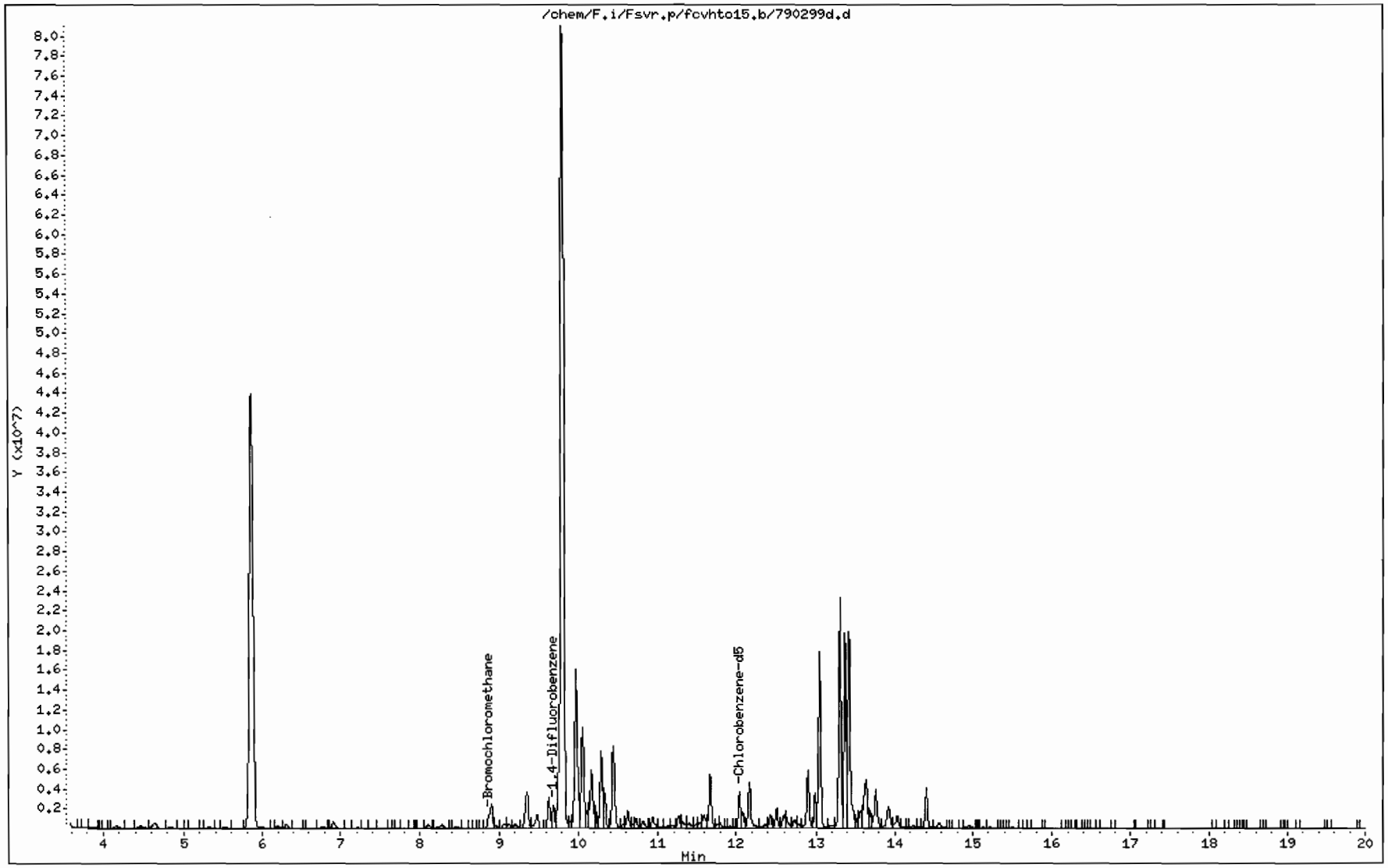
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d
Date : 02-APR-2009 22:45
Client ID: 24VP-26V5.5
Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)
Purge Volume: 40.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d
Lab Smp Id: 790299 Client Smp ID: 24VP-26V5.5
Inj Date : 02-APR-2009 22:45
Operator : wrd Inst ID: F.i
Smp Info : 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)
Misc Info : 790299;040209FA;5;40
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 4
Dil Factor: 5.00000
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	5.00000	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	6.775	6.748	(0.764)	229609	5.09338	25
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	8.070	8.059	(0.910)	17970	0.32659	1.6(Q)
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	8.872	8.861	(1.000)	407940	10.0000	
34 Chloroform	83	8.904	8.894	(1.004)	2077058	26.4589	130
35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	174869	1.80109	9.0(M)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	9.204	9.193	(0.950)	249552	2.35222	12
39 Benzene	78	9.391	9.386	(0.969)	25256	0.25193	1.3(M)
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	134801	2.28801	11(M)
* 43 1,4-Difluorobenzene	114	9.691	9.685	(1.000)	2138751	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	10.932	10.926	(0.908)	518869	6.14413	31
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	11.365	11.360	(0.944)	59079	0.69639	3.5
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	1931629	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.087	12.082	(1.004)	1076663	5.61145	28
64 Xylene (m,p)	106	12.173	12.168	(1.011)	1476901	19.0785	95
65 Xylene (o)	106	12.510	12.505	(1.039)	553989	7.51535	38
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/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)

Purge Volume: 40.0

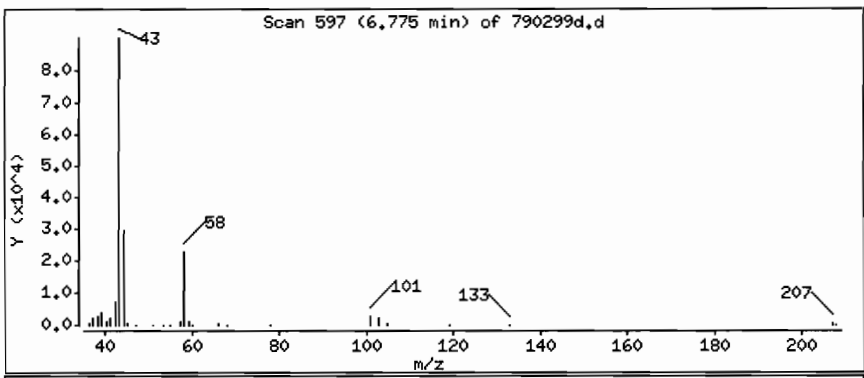
Operator: wrd

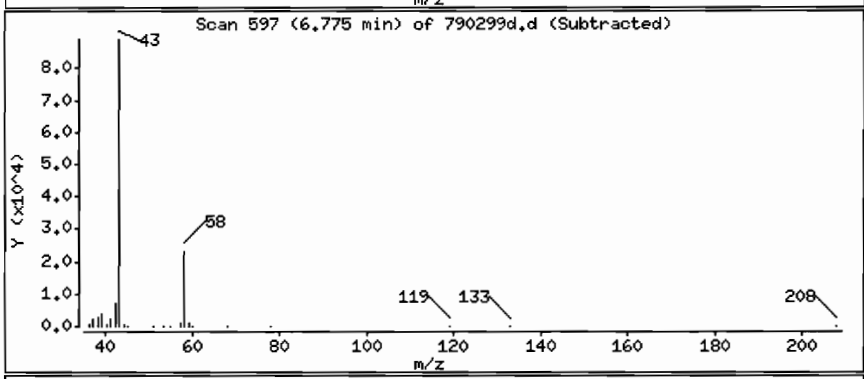
Column phase: RTX-624

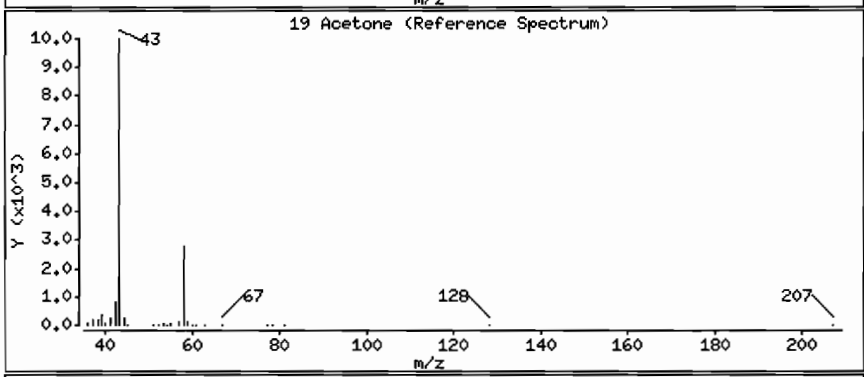
Column diameter: 0.32

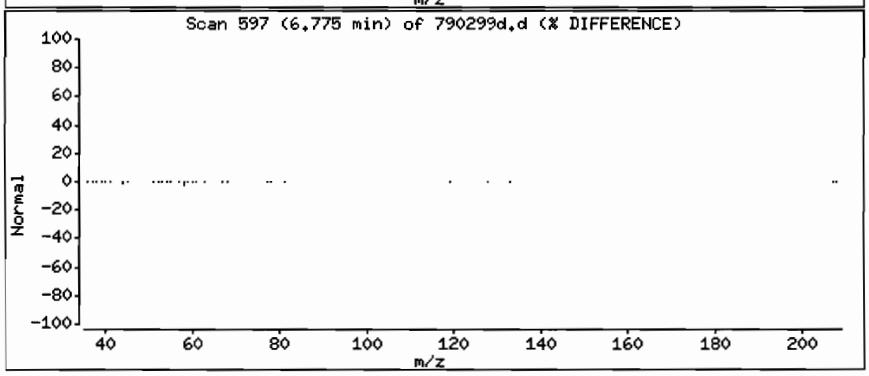
19 Acetone

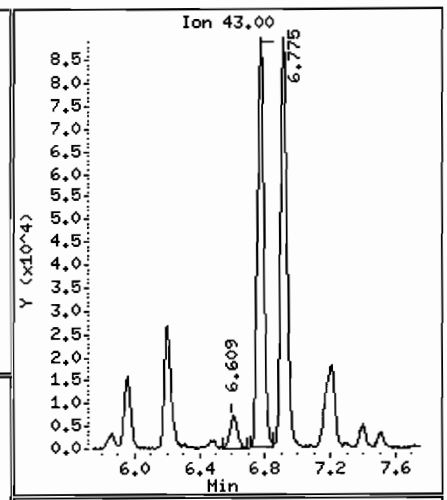
Concentration: 25 ppbv

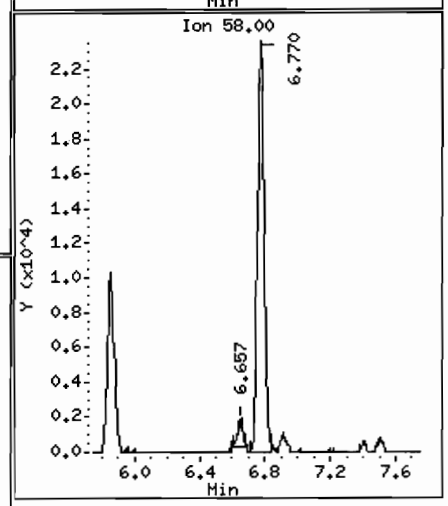












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[103/24/09 @1238(AIR)

Purge Volume: 40.0

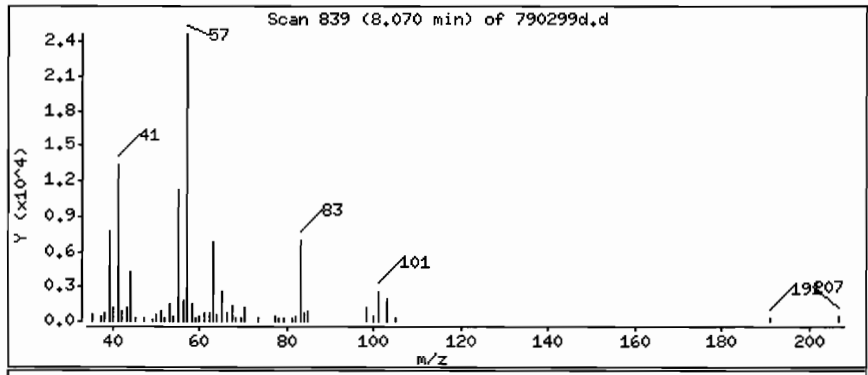
Operator: wrd

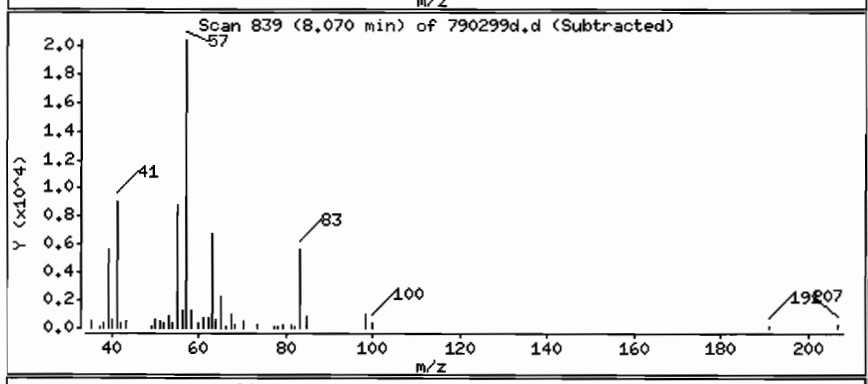
Column phase: RTX-624

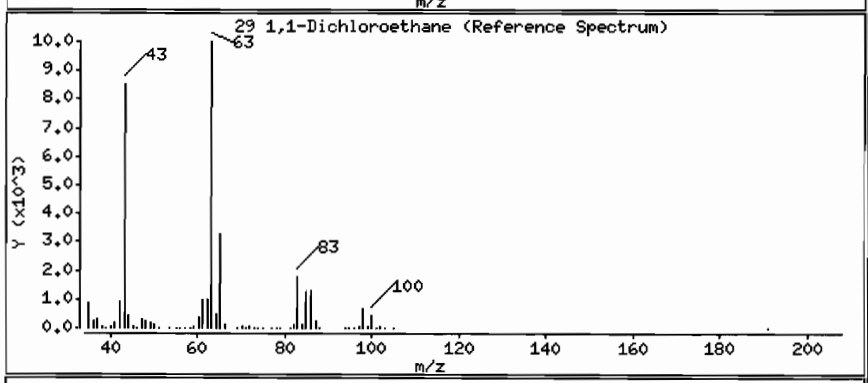
Column diameter: 0.32

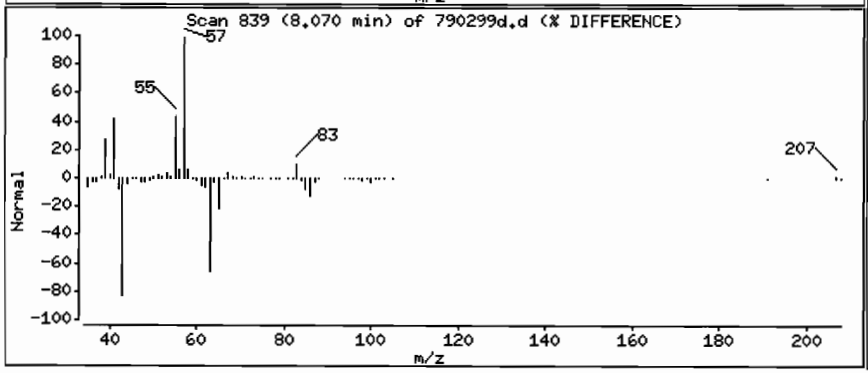
29 1,1-Dichloroethane

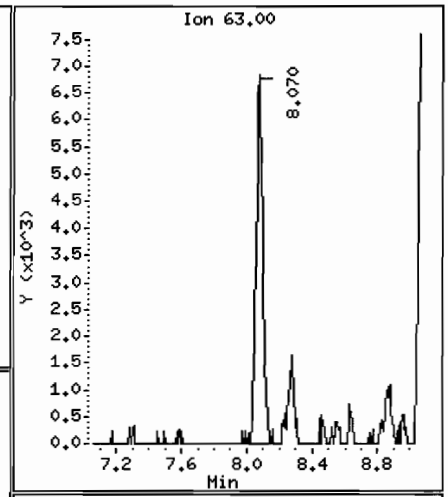
Concentration: 1.6 ppbv

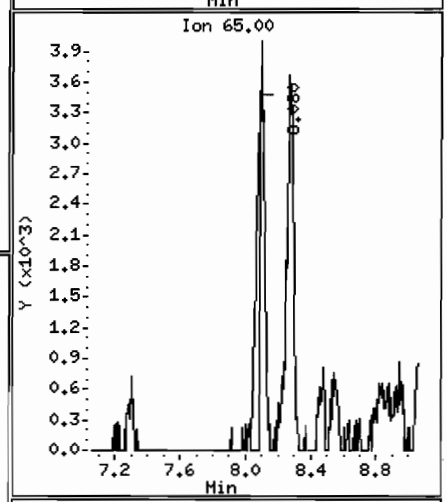


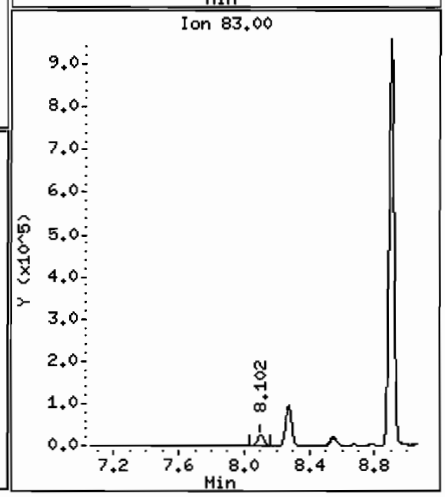












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)

Purge Volume: 40.0

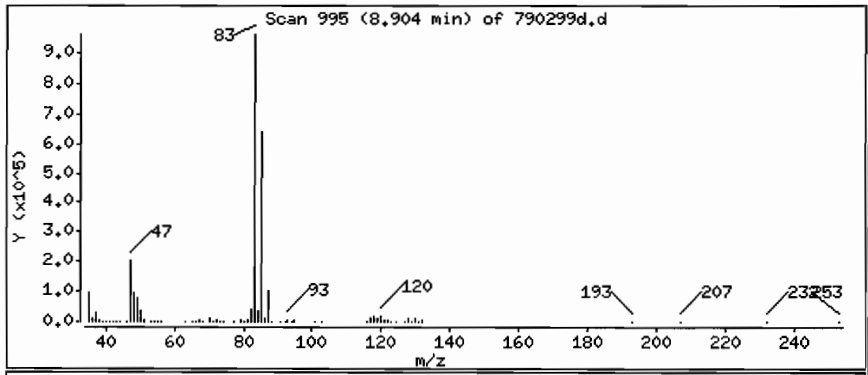
Operator: wrd

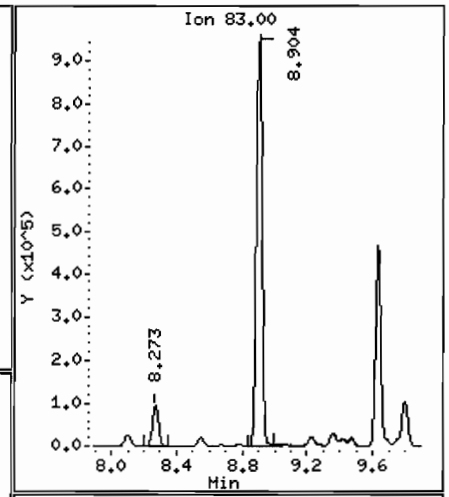
Column phase: RTX-624

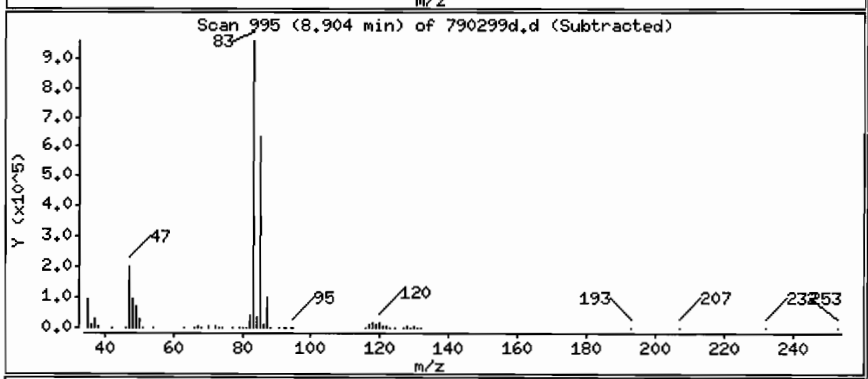
Column diameter: 0.32

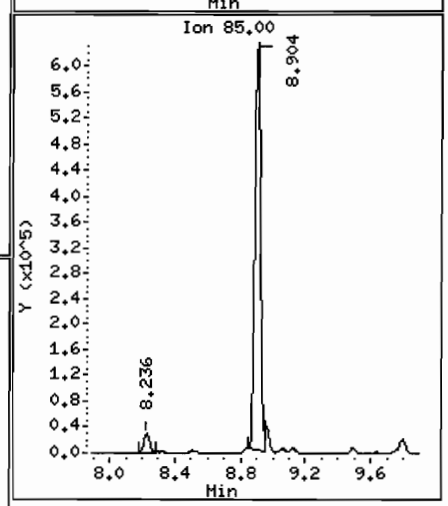
34 Chloroform

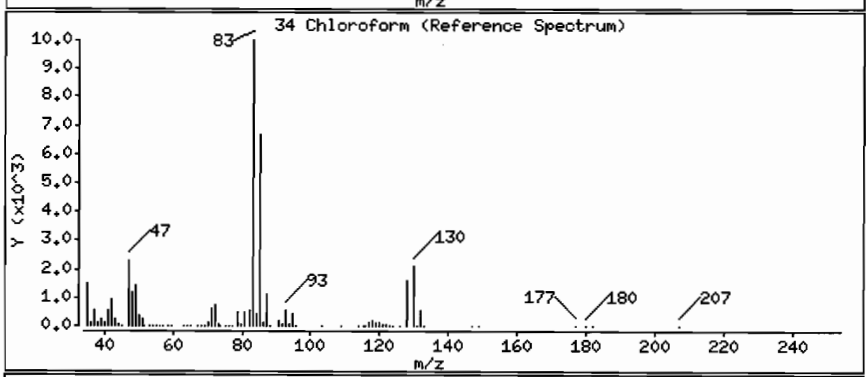
Concentration: 130 ppbv

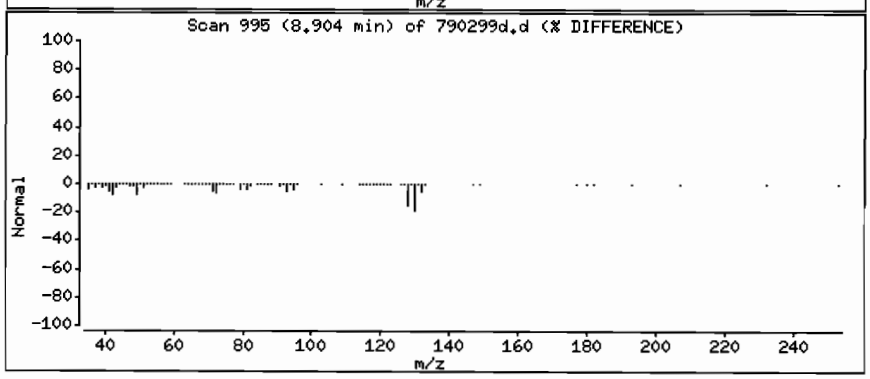












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)

Purge Volume: 40.0

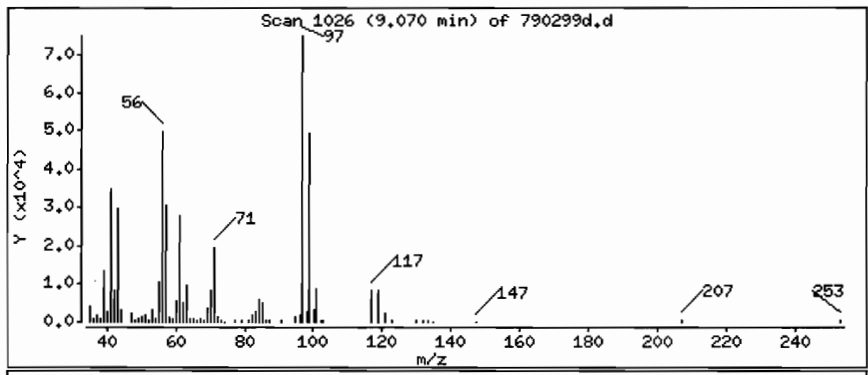
Operator: wrd

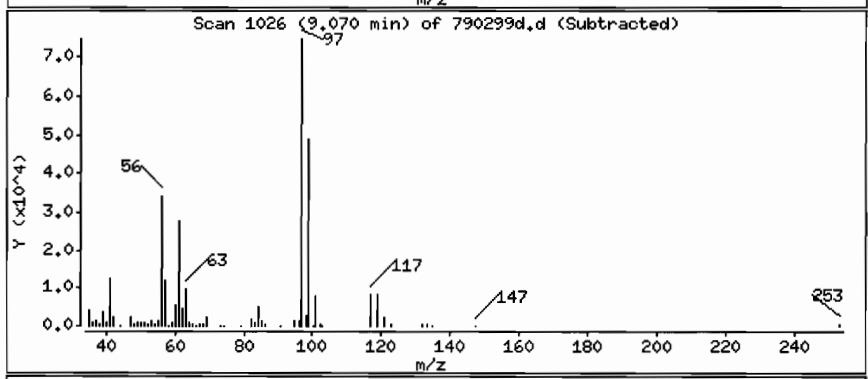
Column phase: RTX-624

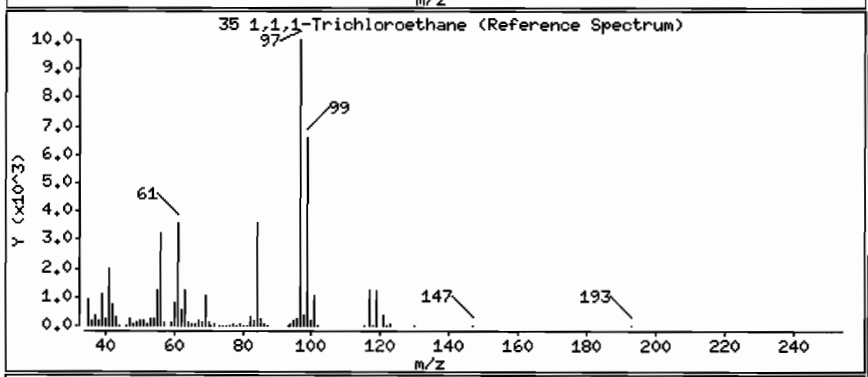
Column diameter: 0.32

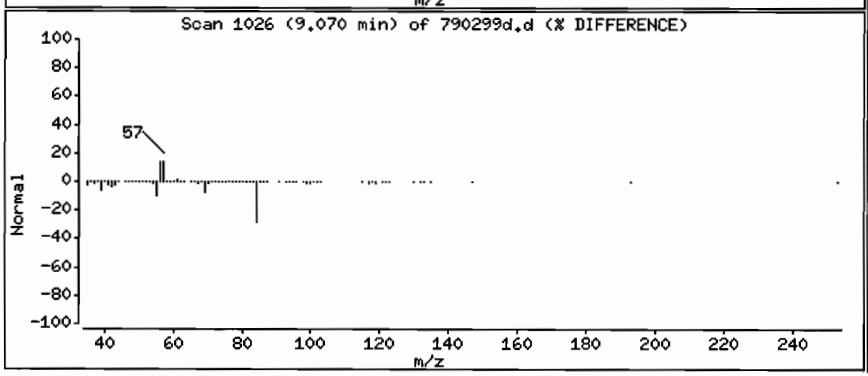
35 1,1,1-Trichloroethane

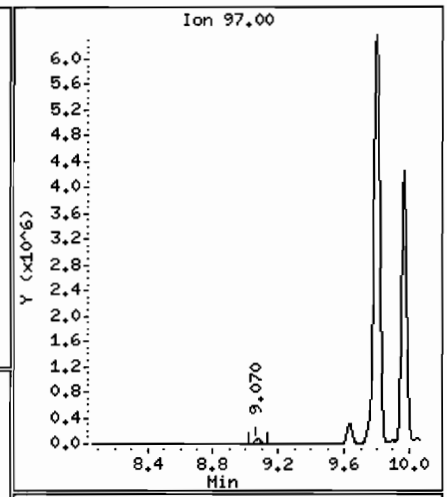
Concentration: 9.0 ppbv

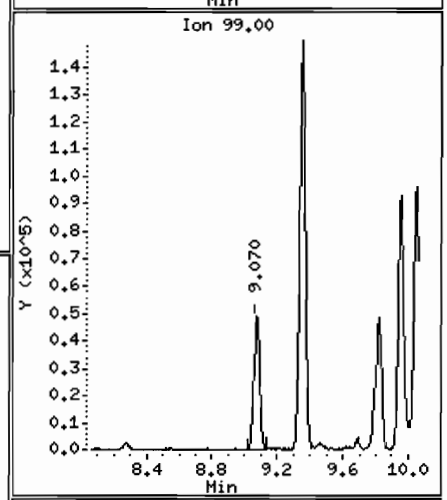


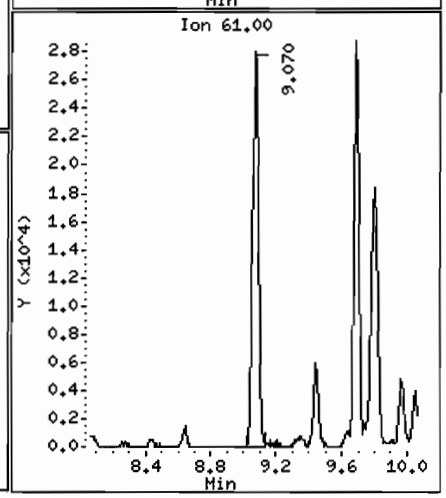












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)

Purge Volume: 40.0

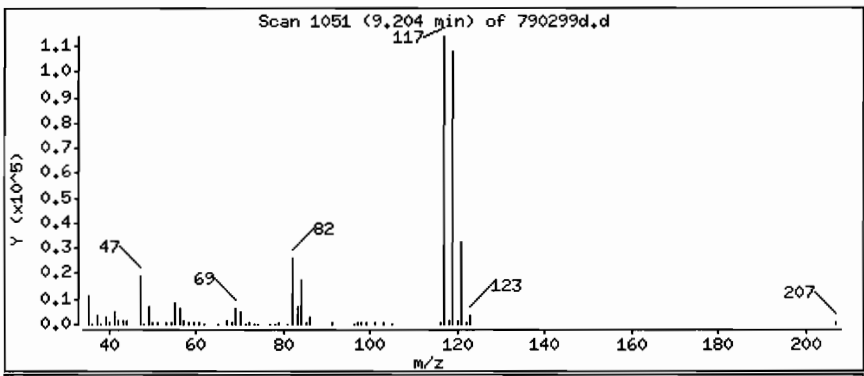
Operator: wrd

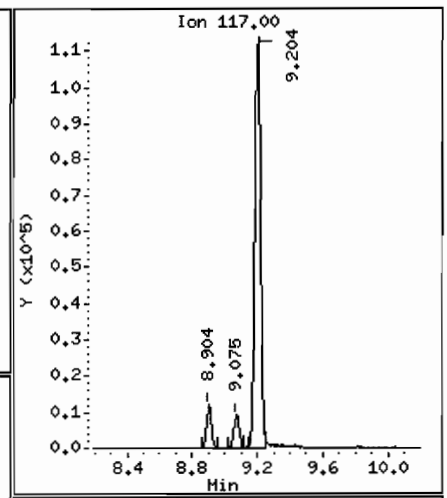
Column phase: RTX-624

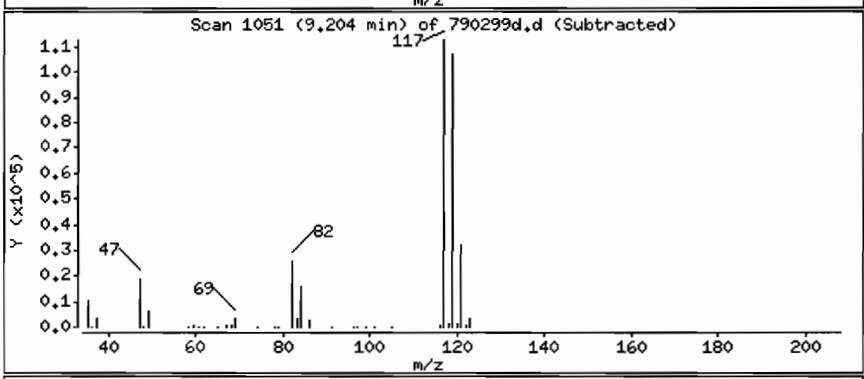
Column diameter: 0.32

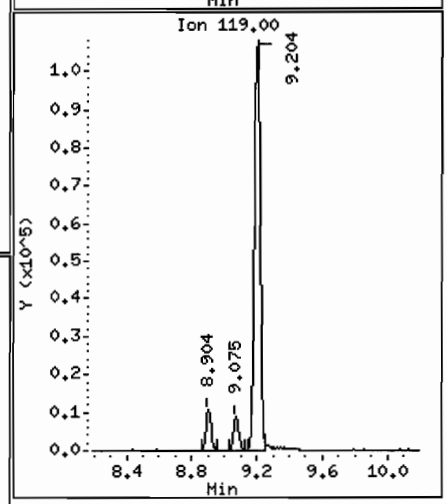
37 Carbon Tetrachloride

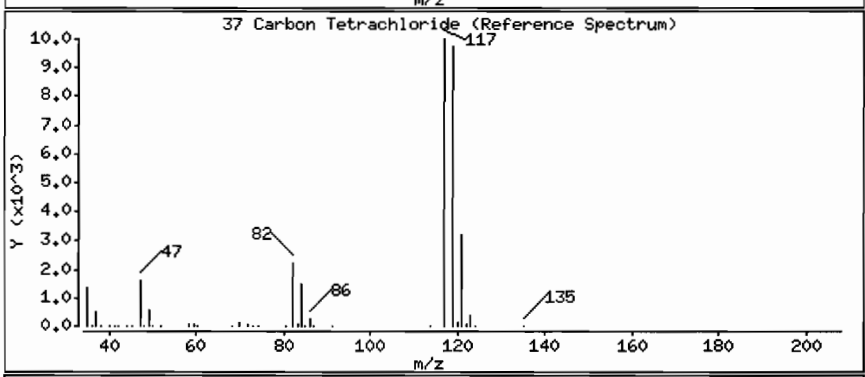
Concentration: 12 ppbv

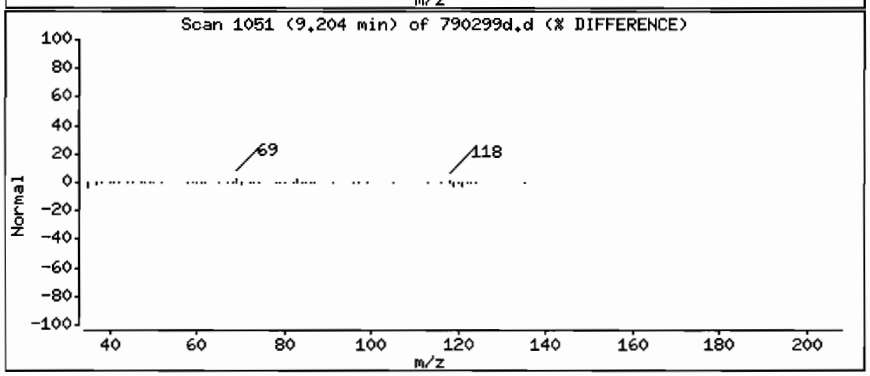












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[103/24/09 @1238(AIR)

Purge Volume: 40.0

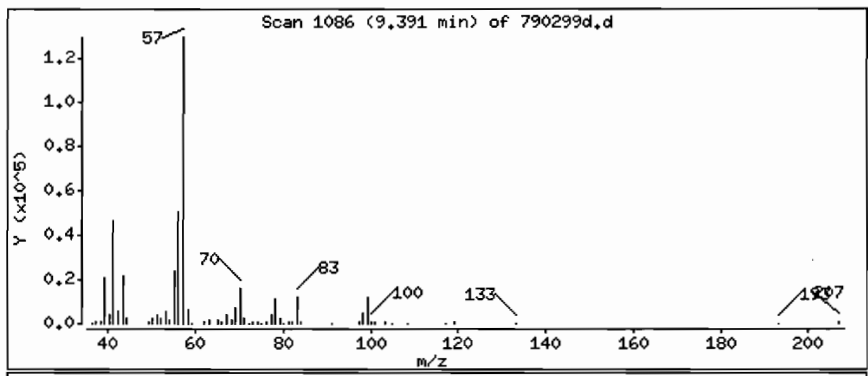
Operator: wrd

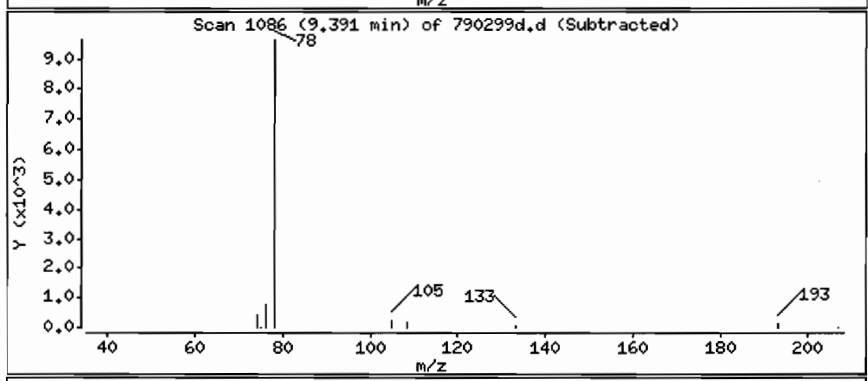
Column phase: RTX-624

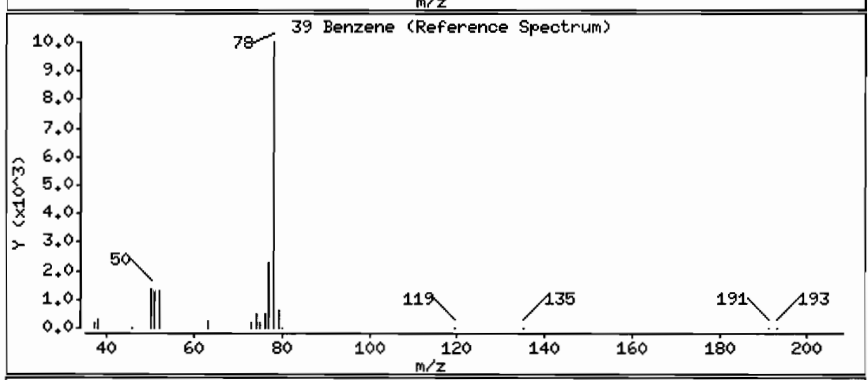
Column diameter: 0.32

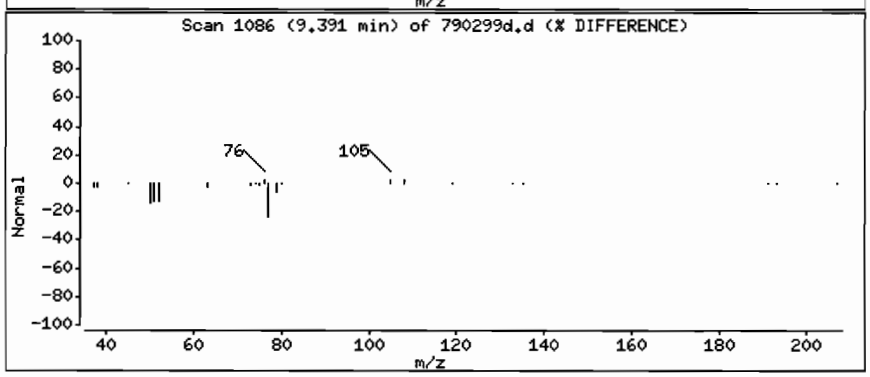
39 Benzene

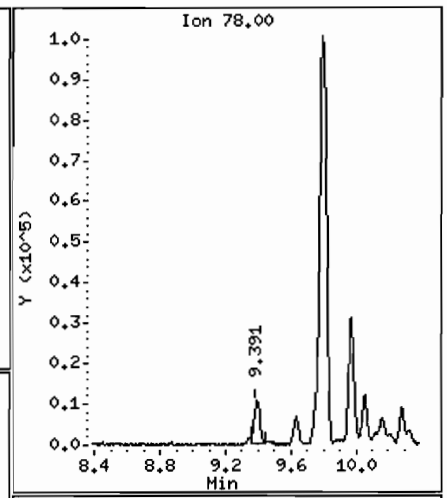
Concentration: 1.3 ppbv

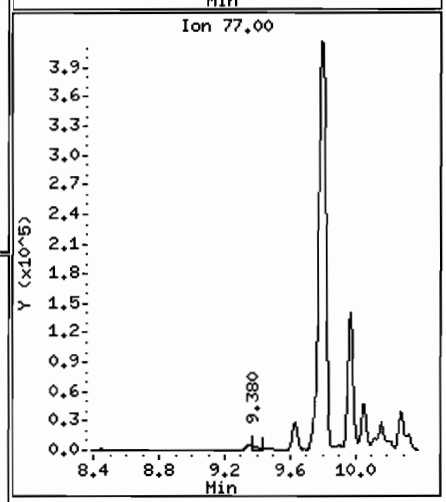












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Page 10

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)

Purge Volume: 40.0

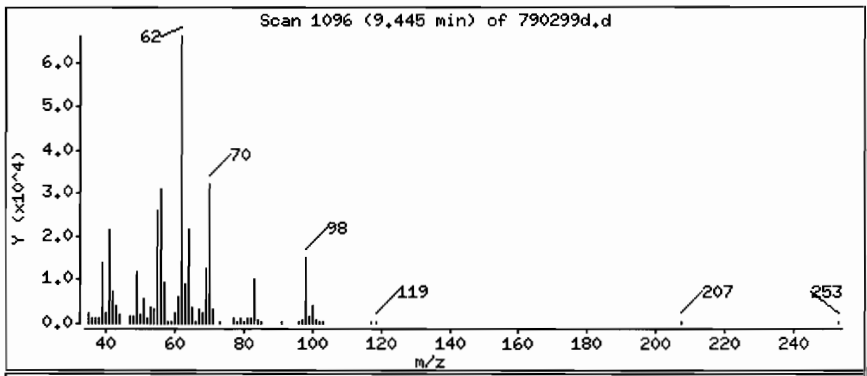
Operator: wrd

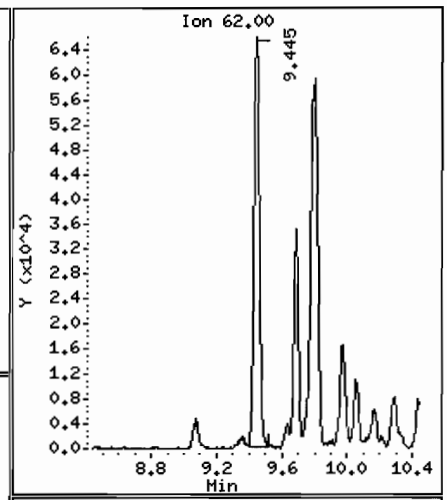
Column phase: RTX-624

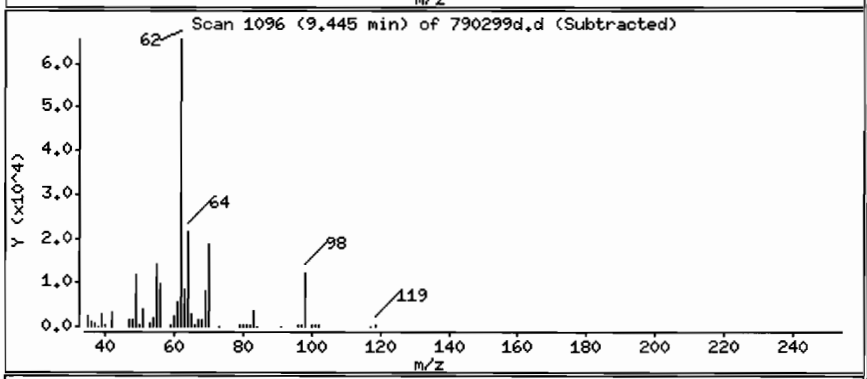
Column diameter: 0.32

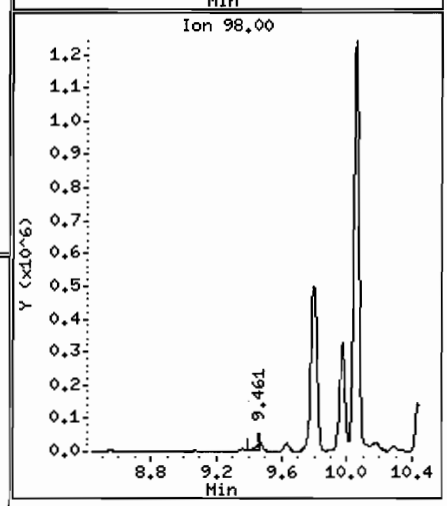
41 1,2-Dichloroethane

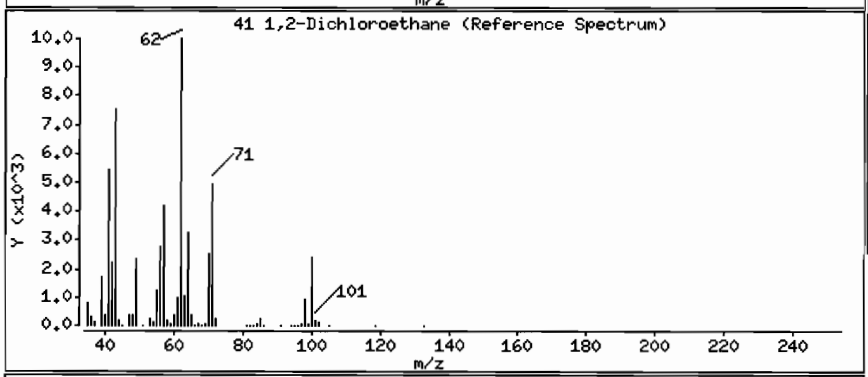
Concentration: 11 ppbv

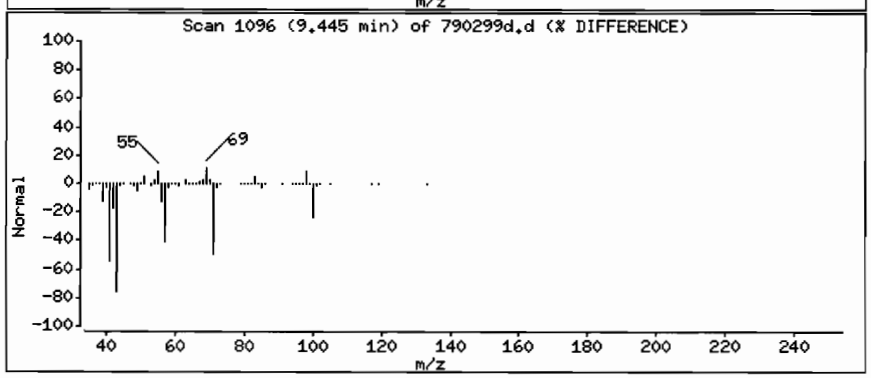












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)

Purge Volume: 40.0

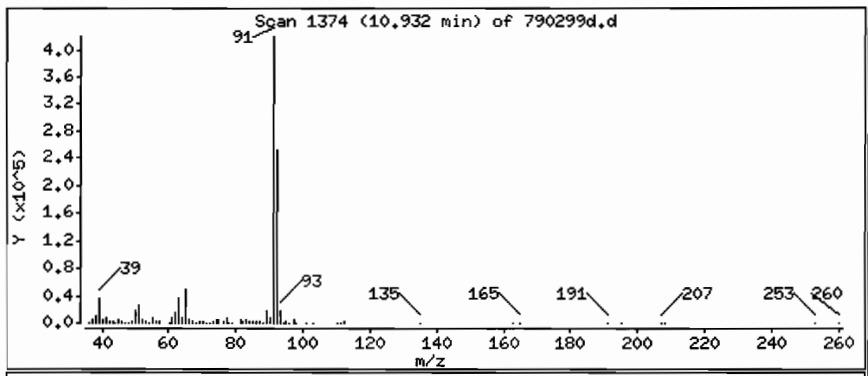
Operator: wrd

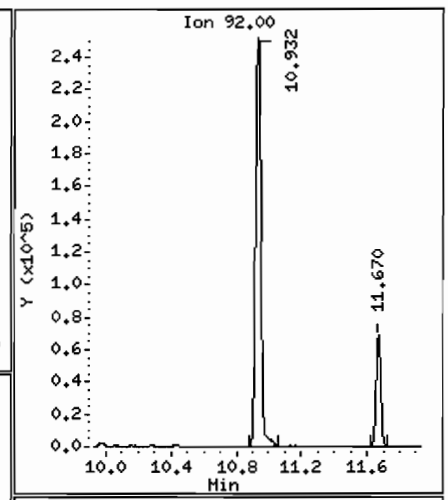
Column phase: RTX-624

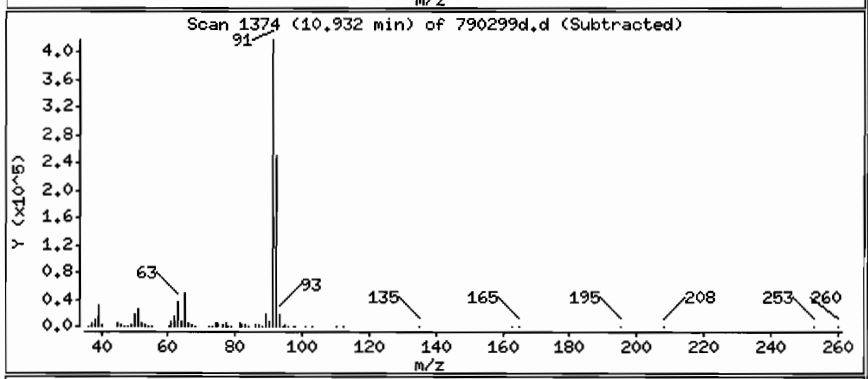
Column diameter: 0.32

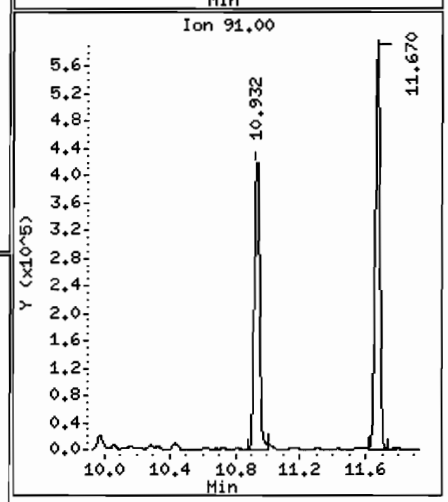
54 Toluene

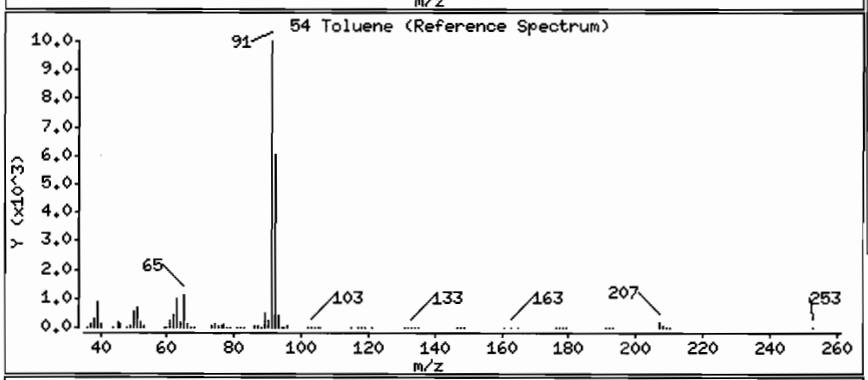
Concentration: 31 ppbv

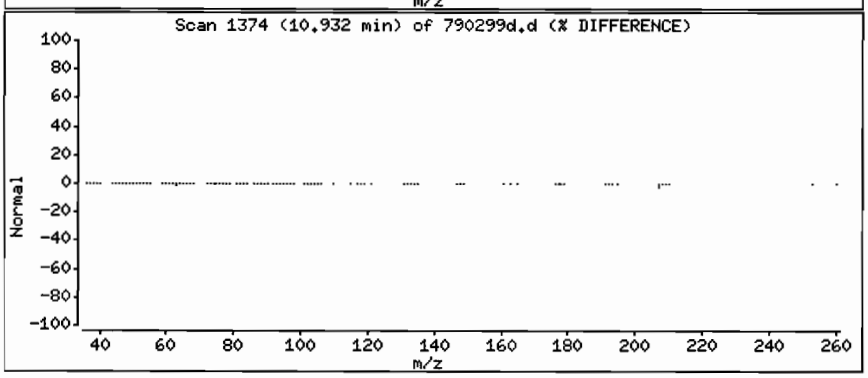












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)

Purge Volume: 40.0

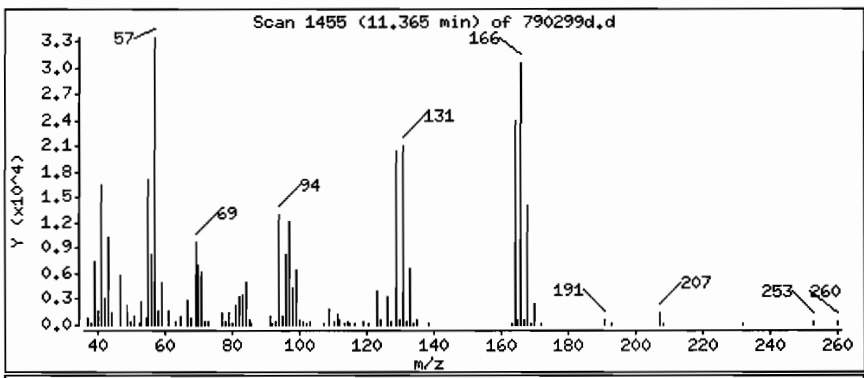
Operator: wrd

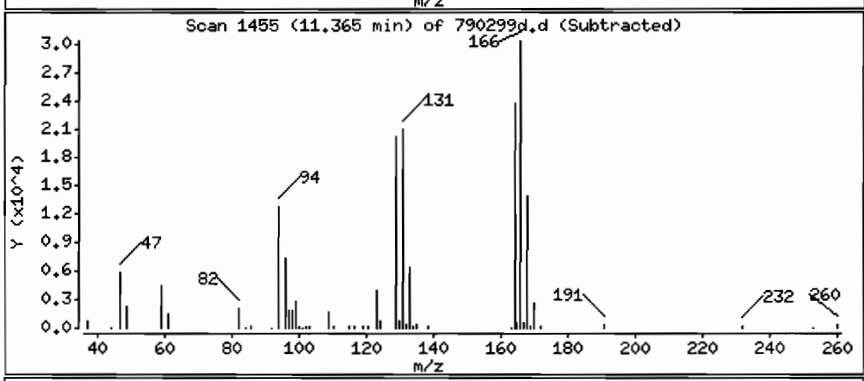
Column phase: RTX-624

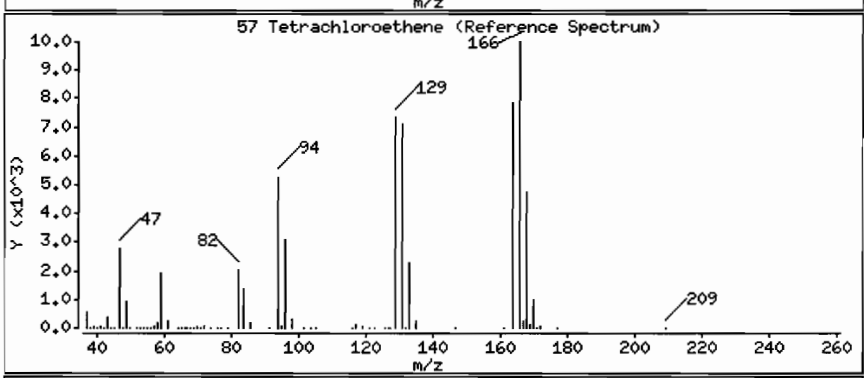
Column diameter: 0.32

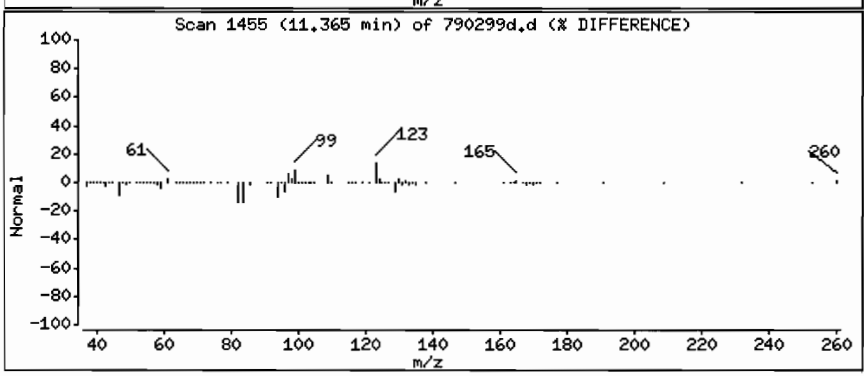
57 Tetrachloroethene

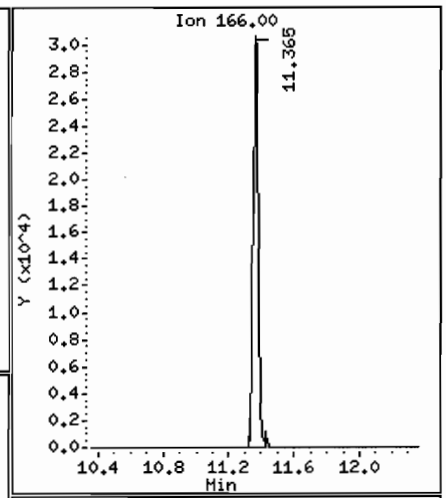
Concentration: 3.5 ppbv

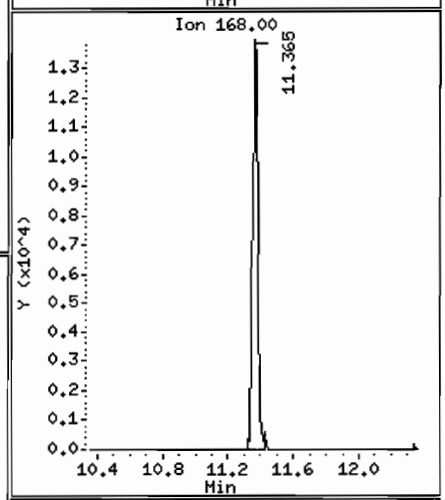


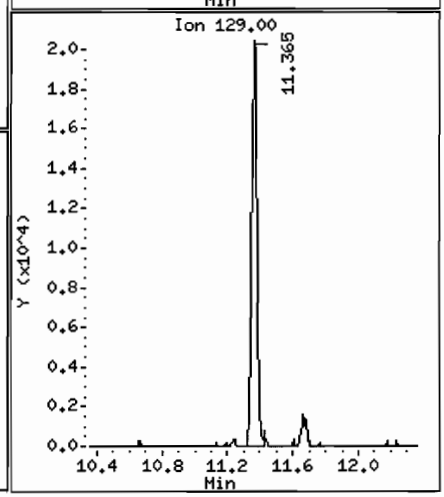












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)

Purge Volume: 40.0

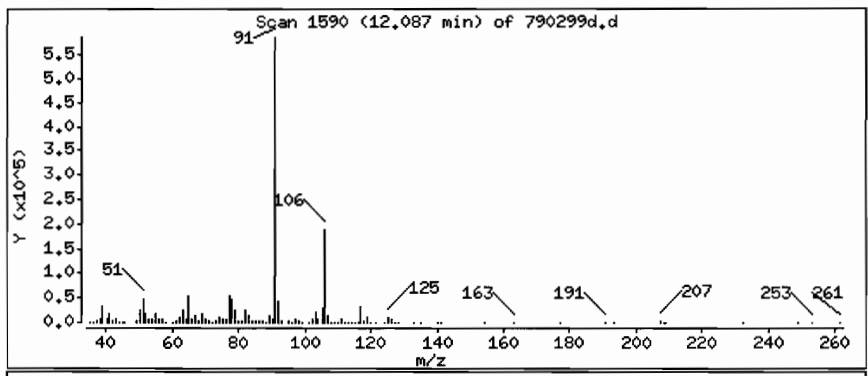
Operator: wrd

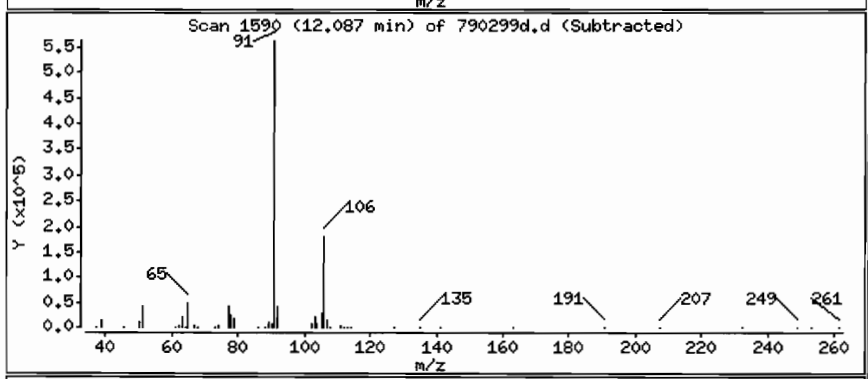
Column phase: RTX-624

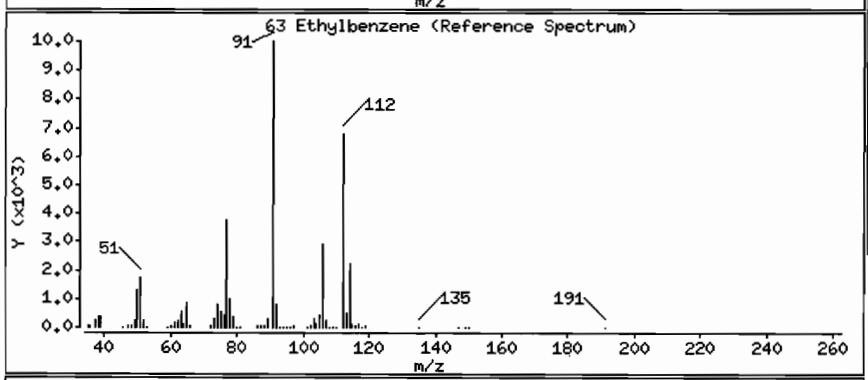
Column diameter: 0.32

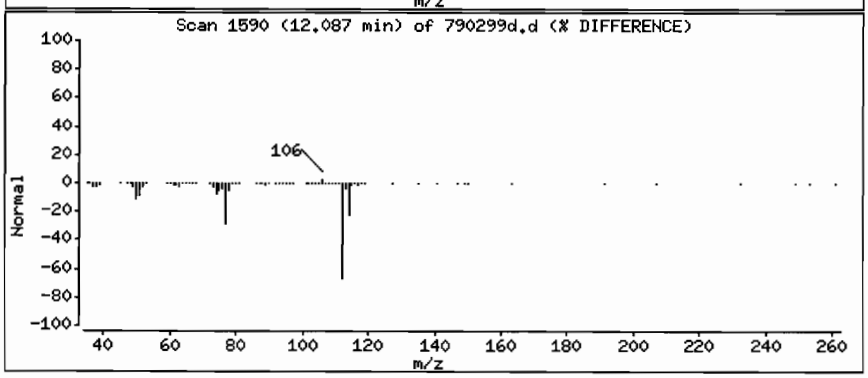
63 Ethylbenzene

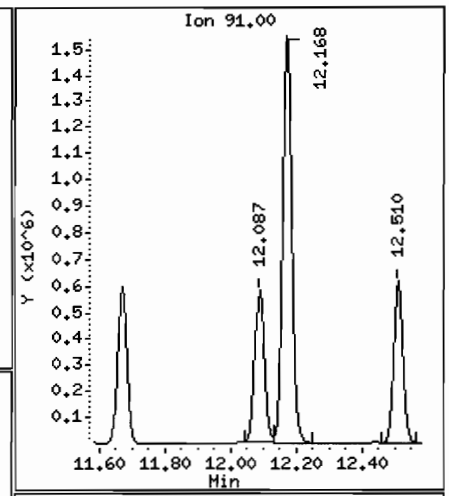
Concentration: 28 ppbv

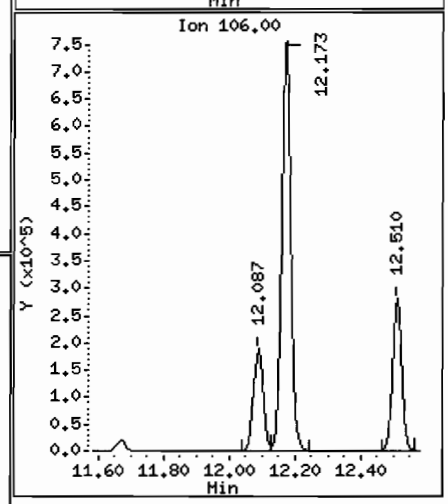












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)

Purge Volume: 40.0

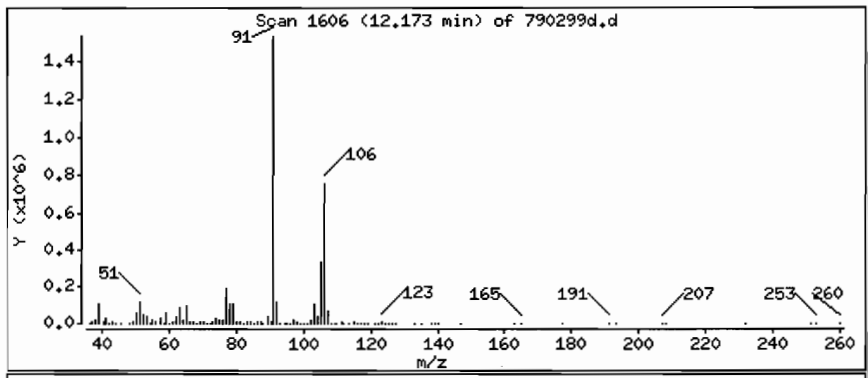
Operator: wrd

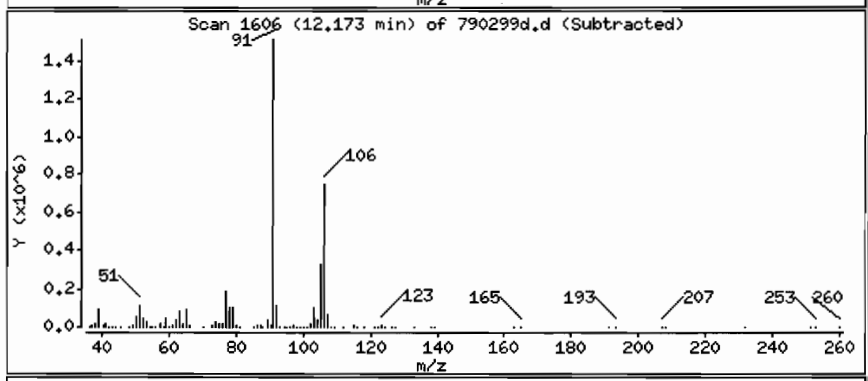
Column phase: RTX-624

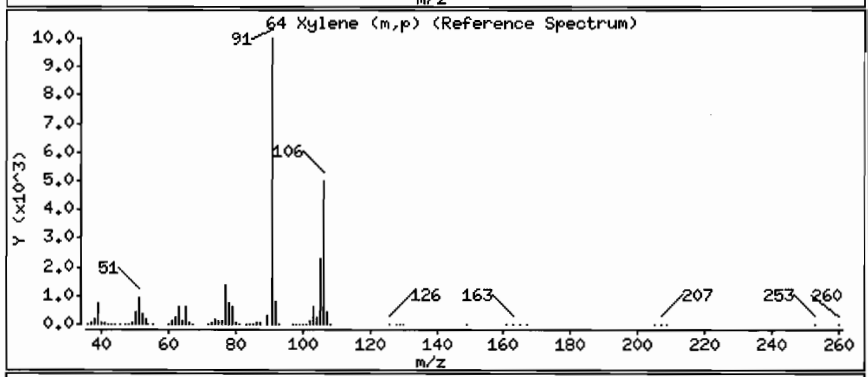
Column diameter: 0.32

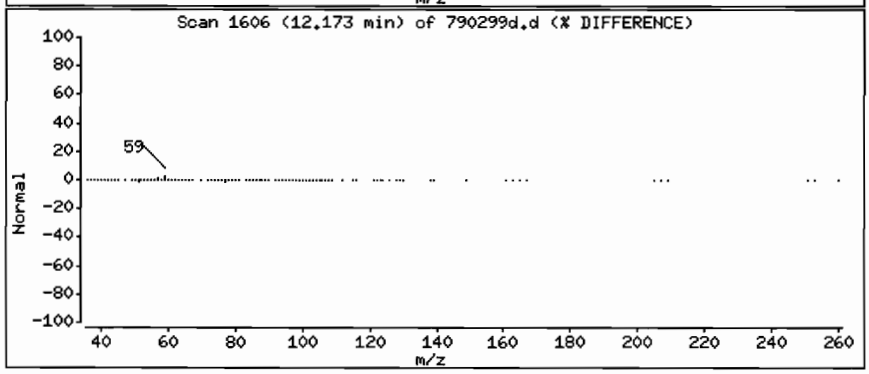
64 Xylene (m,p)

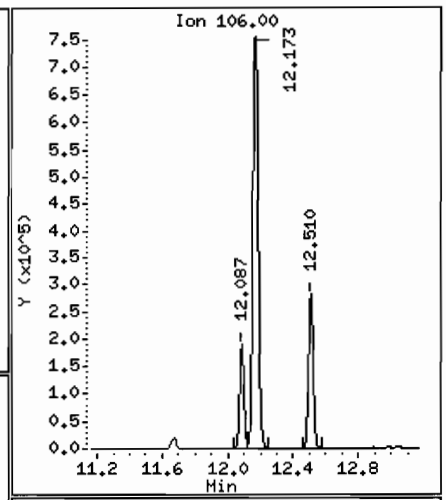
Concentration: 95 ppbv

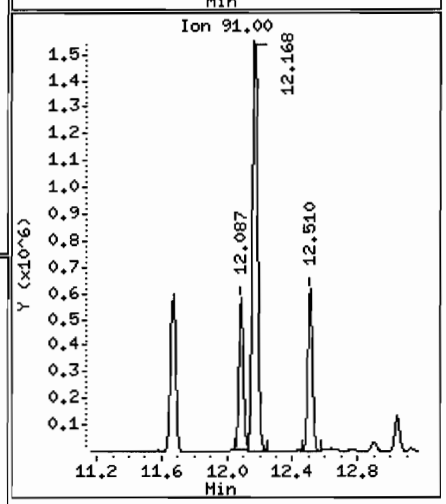












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790299d.d

Date : 02-APR-2009 22:45

Client ID: 24VP-26V5.5

Instrument: F.i

Sample Info: 20090324VP-26V5.5 :[ ]03/24/09 @1238(AIR)

Purge Volume: 40.0

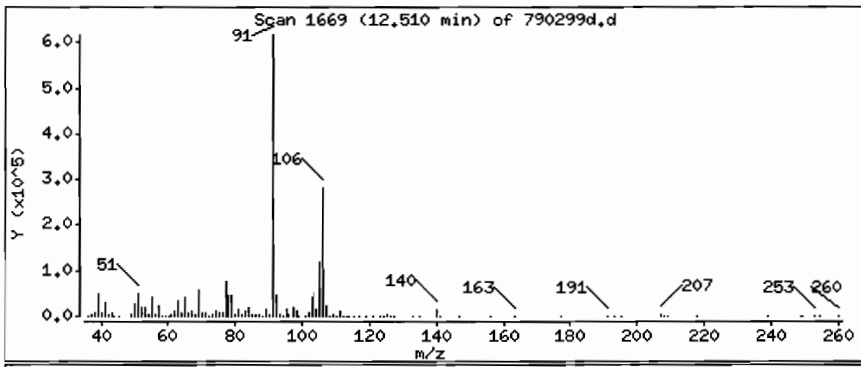
Operator: wrd

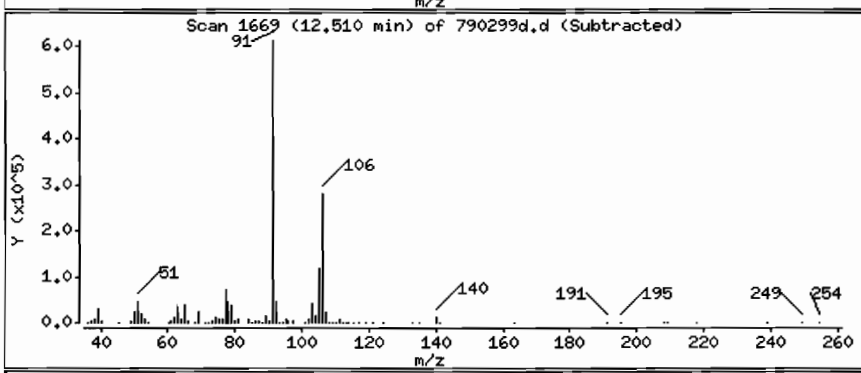
Column phase: RTX-624

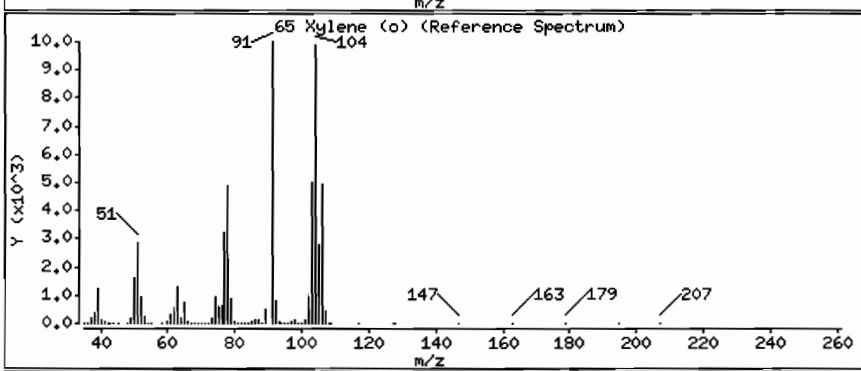
Column diameter: 0.32

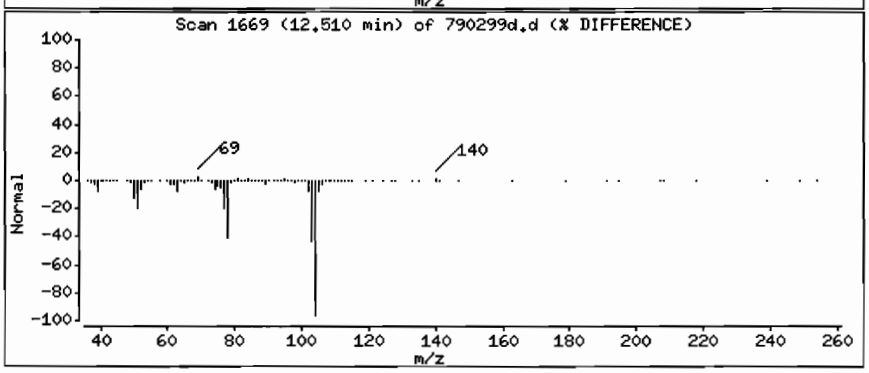
65 Xylene (o)

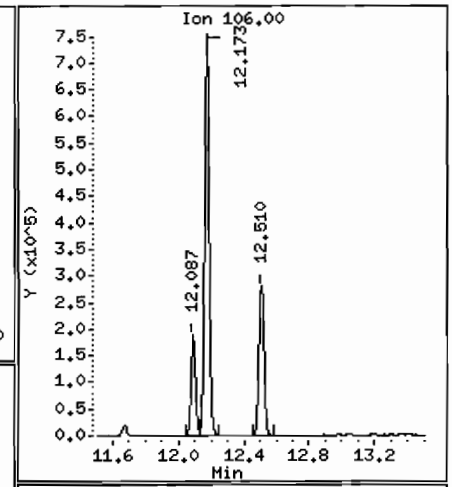
Concentration: 38 ppbv

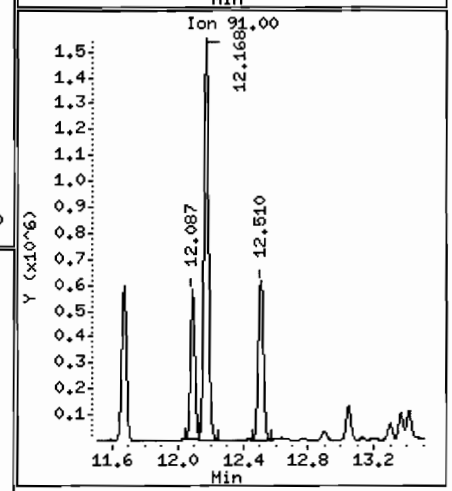










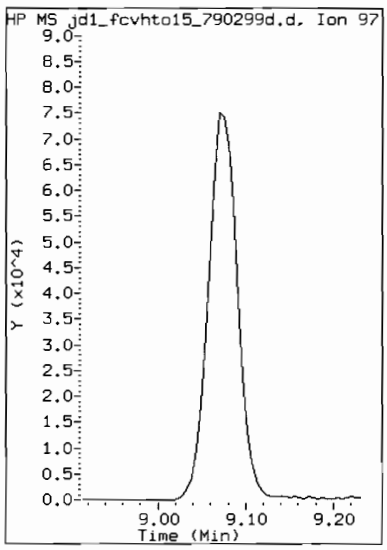


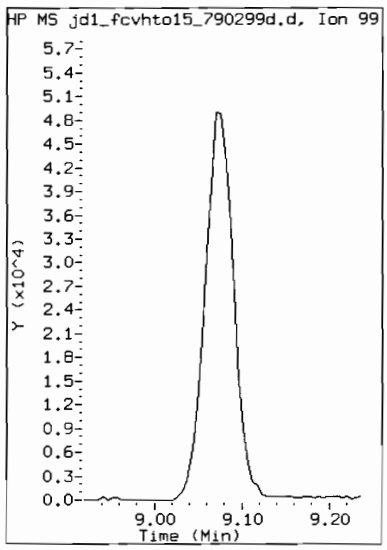
MANUAL INTEGRATION REPORT

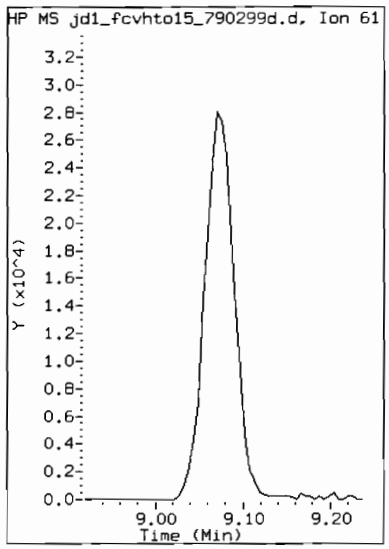
Data File Name: 790299d.d
Client Sample ID: 24VP-26V5.5
Compound Name: 1,1,1-Trichloroethane

Inj. Date and Time: 02-APR-2009 22:45
Instrument ID: F.i
CAS #: 71-55-6

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:34

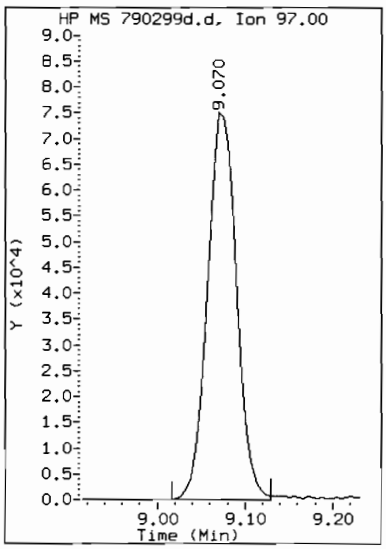


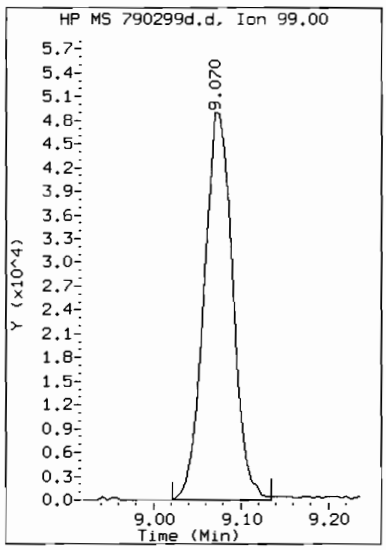


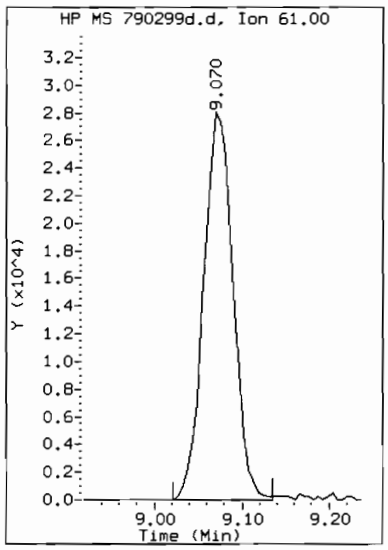


Original Integrations:

Area = 17157156 Area = 137195 Area = 52368







Final Integrations:

Area = 174869 Area = 113369 Area = 65607

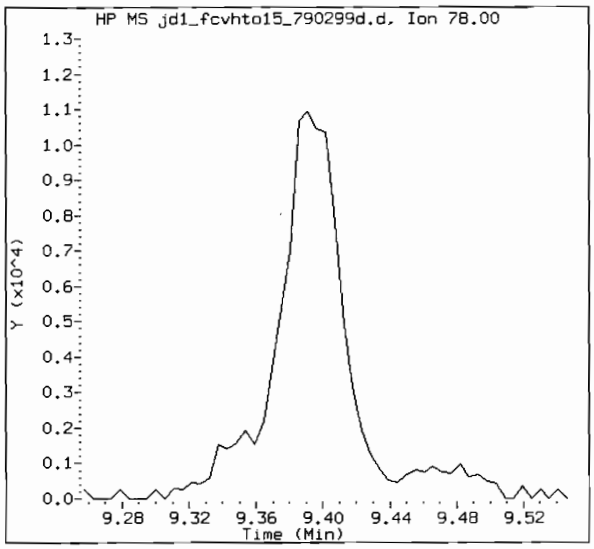
Manual Integration Reason: MI2 - Peak missed

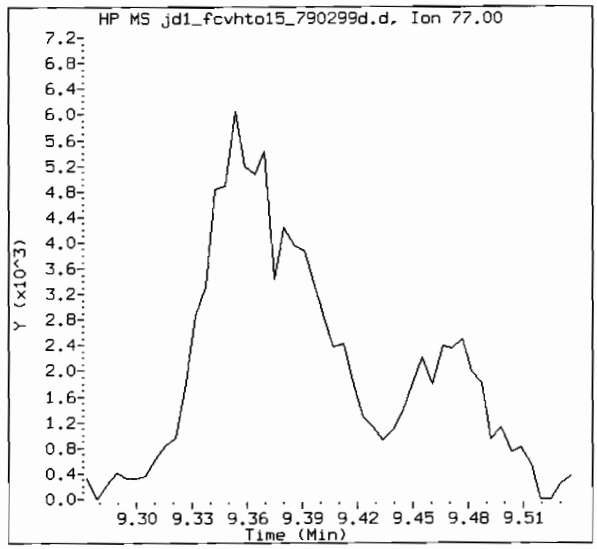
MANUAL INTEGRATION REPORT

Data File Name: 790299d.d
Client Sample ID: 24VP-26V5.5
Compound Name: Benzene

Inj. Date and Time: 02-APR-2009 22:45
Instrument ID: F.i
CAS #: 71-43-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:34

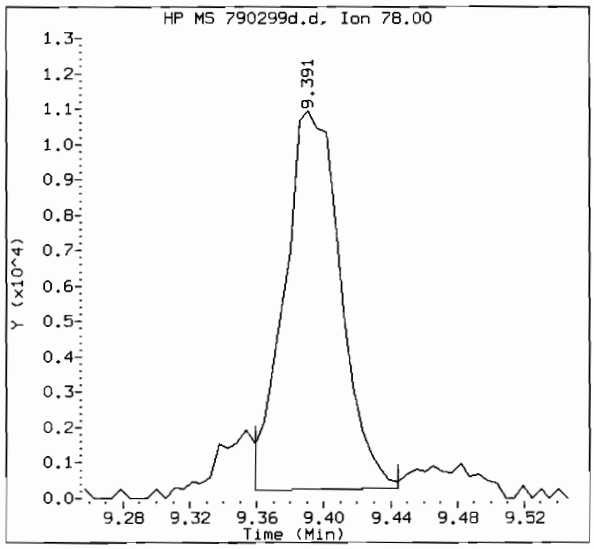


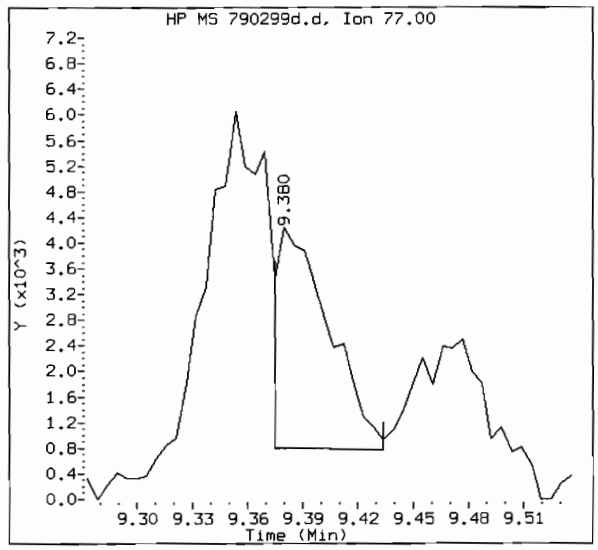


Original Integrations:

Area = 308077

Area = 1300901





Final Integrations:

Area = 25256

Area = 7147

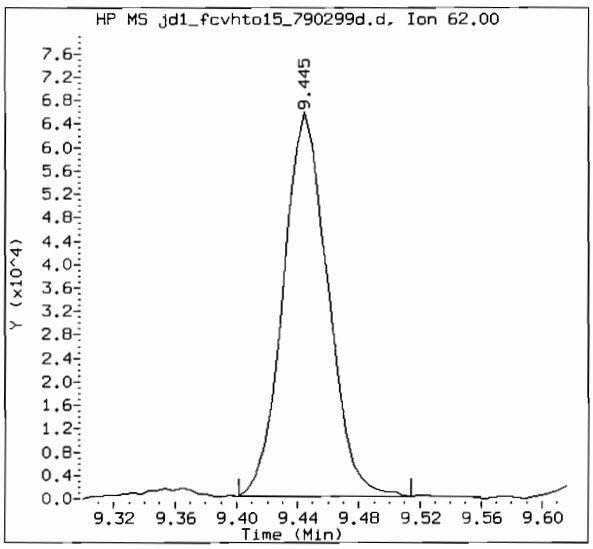
Manual Integration Reason: MI2 - Peak missed

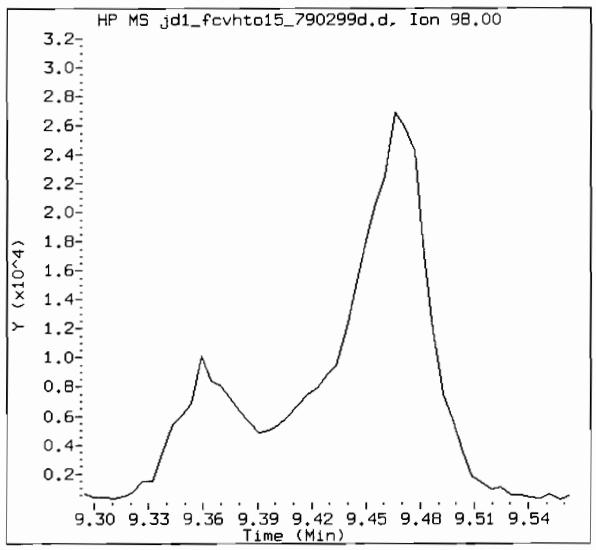
MANUAL INTEGRATION REPORT

Data File Name: 790299d.d
Client Sample ID: 24VP-26V5.5
Compound Name: 1,2-Dichloroethane

Inj. Date and Time: 02-APR-2009 22:45
Instrument ID: F.i
CAS #: 107-06-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:34

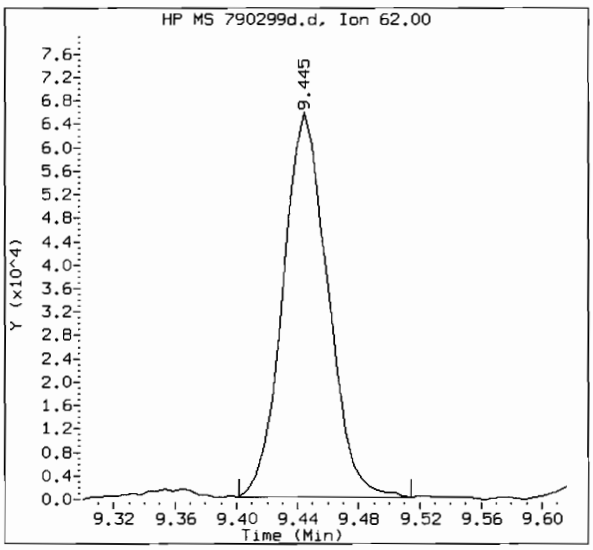


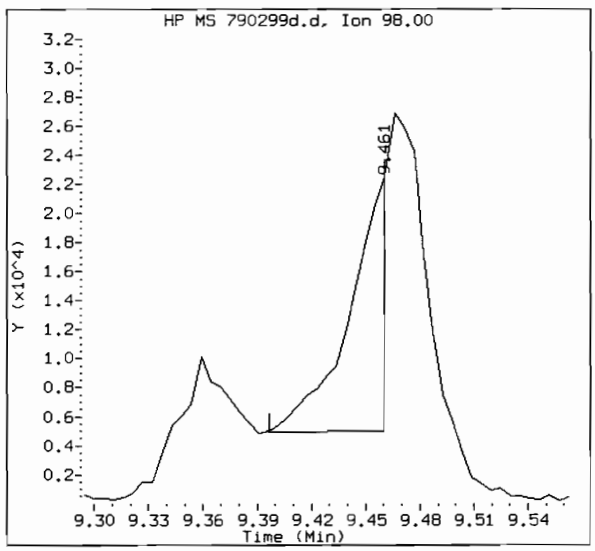


Original Integrations:

Area = 134801

Area = 1347046





Final Integrations:

Area = 134801

Area = 25675

Manual Integration Reason: MI2 - Peak missed

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-28V3.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790300

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 790300D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 92.8

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	46	U
75-01-4	Vinyl Chloride	3600	
74-83-9	Bromomethane	19	U
75-00-3	Chloroethane	46	U
75-35-4	1,1-Dichloroethene	19	U
67-64-1	Acetone	460	U
75-15-0	Carbon Disulfide	46	U
75-09-2	Methylene Chloride	46	U
156-60-5	trans-1,2-Dichloroethene	20	
75-34-3	1,1-Dichloroethane	100	
78-93-3	Methyl Ethyl Ketone	46	U
156-59-2	cis-1,2-Dichloroethene	69	
67-66-3	Chloroform	66	
71-55-6	1,1,1-Trichloroethane	19	U
56-23-5	Carbon Tetrachloride	19	U
71-43-2	Benzene	19	U
107-06-2	1,2-Dichloroethane	510	
79-01-6	Trichloroethene	72	
78-87-5	1,2-Dichloropropane	19	U
75-27-4	Bromodichloromethane	19	U
10061-01-5	cis-1,3-Dichloropropene	19	U
108-10-1	Methyl Isobutyl Ketone	46	U
108-88-3	Toluene	76	
10061-02-6	trans-1,3-Dichloropropene	19	U
79-00-5	1,1,2-Trichloroethane	19	U
127-18-4	Tetrachloroethene	22	
591-78-6	Methyl Butyl Ketone	46	U
124-48-1	Dibromochloromethane	19	U
108-90-7	Chlorobenzene	20	
100-41-4	Ethylbenzene	19	U
1330-20-7	Xylene (m,p)	46	U
95-47-6	Xylene (o)	19	U
100-42-5	Styrene	19	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-28V3.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790300

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 790300D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 92.8

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

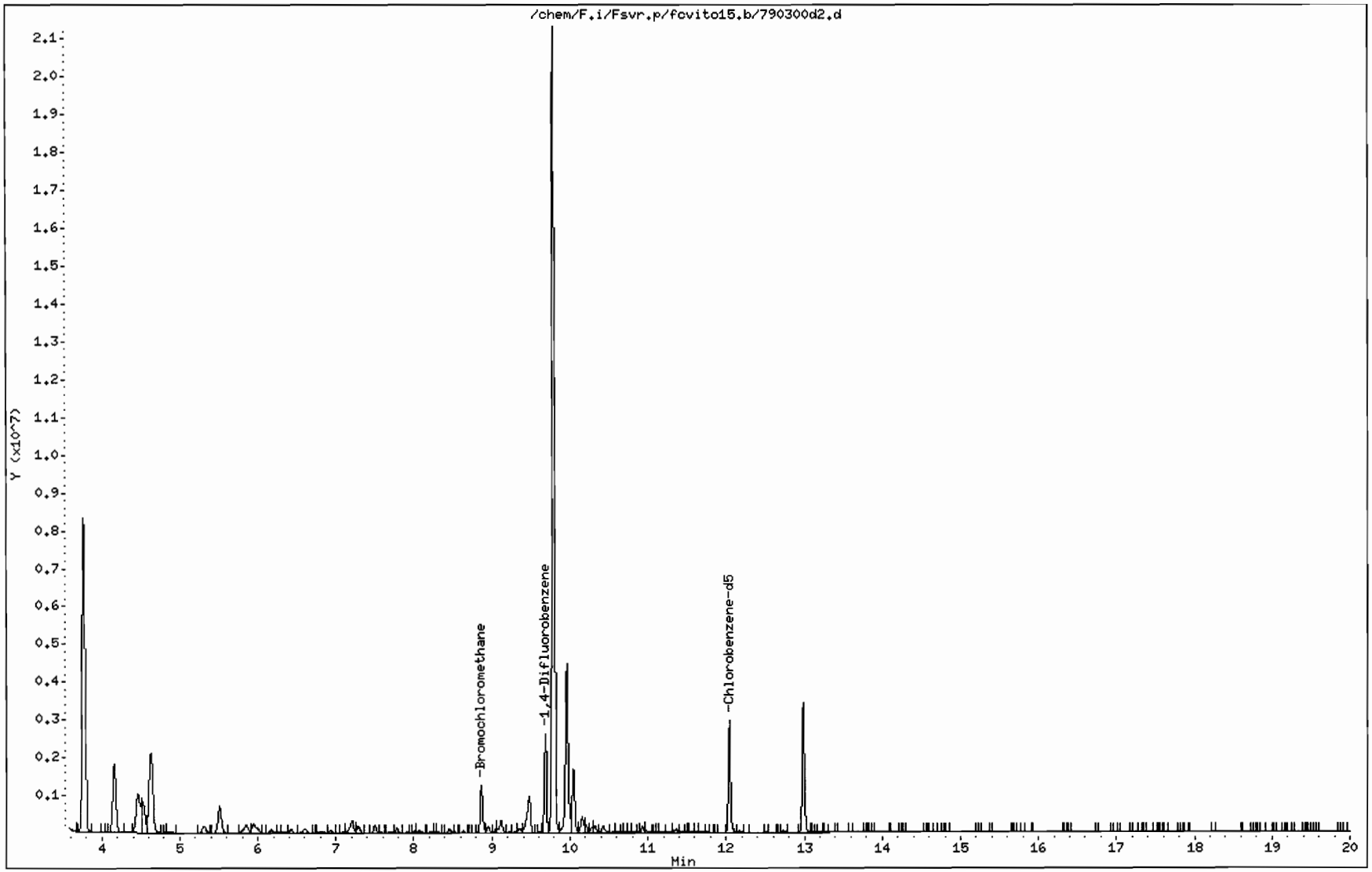
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	19	U
79-34-5	1,1,2,2-Tetrachloroethane	19	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvito15.b/790300d2.d
Date : 04-APR-2009 18:14
Client ID: 24VP-28V3.5
Sample Info: 20090324VP-28V3.5 :[ ]03/24/09 @1222(AIR)
Purge Volume: 10.0
Column phase: RTX-624

Page 3

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvito15.b/790300d2.d
Lab Smp Id: 790300 Client Smp ID: 24VP-28V3.5
Inj Date : 04-APR-2009 18:14
Operator : njr Inst ID: F.i
Smp Info : 20090324VP-28V3.5 :[ ]03/24/09 @1222(AIR)
Misc Info : 790300;040409FA;92.8;10;cdf4.64
Comment :
Method : /chem/F.i/Fsvr.p/fcvito15.b/sto15.m
Meth Date : 14-Apr-2009 20:38 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 11
Dil Factor: 92.80000
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	92.80000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	10.00000	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	4.539	4.518	(0.512)	1221688	38.9037	3600
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	7.588	7.572	(0.856)	10995	0.21561	20
29 1,1-Dichloroethane	63	8.065	8.059	(0.910)	66911	1.10009	100
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	29354	0.74034	69
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	450945	10.0000	(Q)
34 Chloroform	83	8.899	8.894	(1.004)	61790	0.71206	66
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	9.439	9.439	(0.975)	363648	5.53259	510
* 43 1,4-Difluorobenzene	114	9.686	9.685	(1.000)	2386038	10.0000	
45 Trichloroethene	95	9.916	9.915	(1.024)	45455	0.77368	72
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	10.932	10.926	(0.908)	75511	0.82382	76
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	11.360	11.360	(0.944)	22202	0.24112	22
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	12.039	12.039	(1.000)	2096552	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	28319	0.21734	20(Q)
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/F.i/Fsvr.p/fcvito15.b/790300d2.d

Date : 04-APR-2009 18:14

Client ID: 24VP-28V3.5

Instrument: F.i

Sample Info: 20090324VP-28V3.5 :[ ]03/24/09 @1222(AIR)

Purge Volume: 10.0

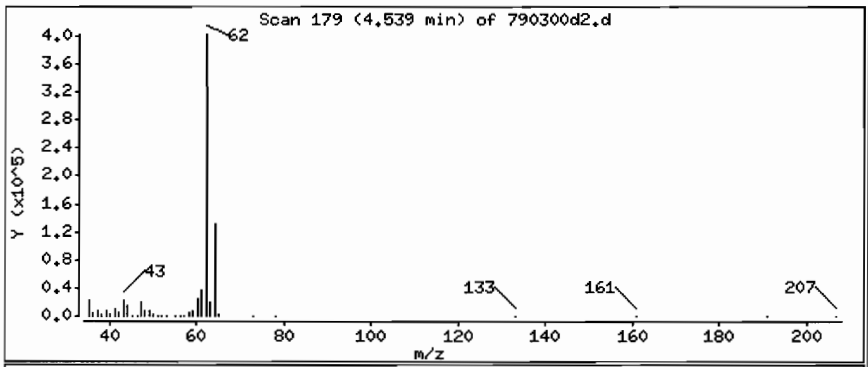
Operator: njr

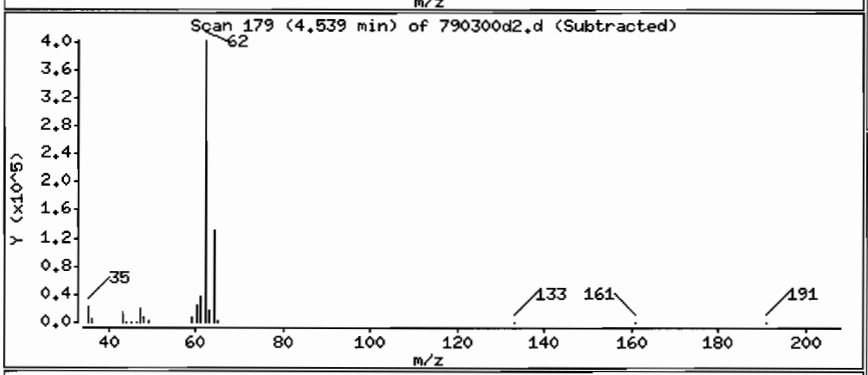
Column phase: RTX-624

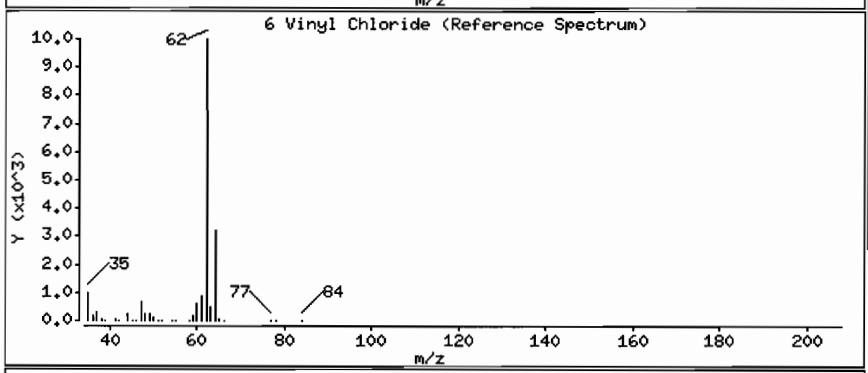
Column diameter: 0.32

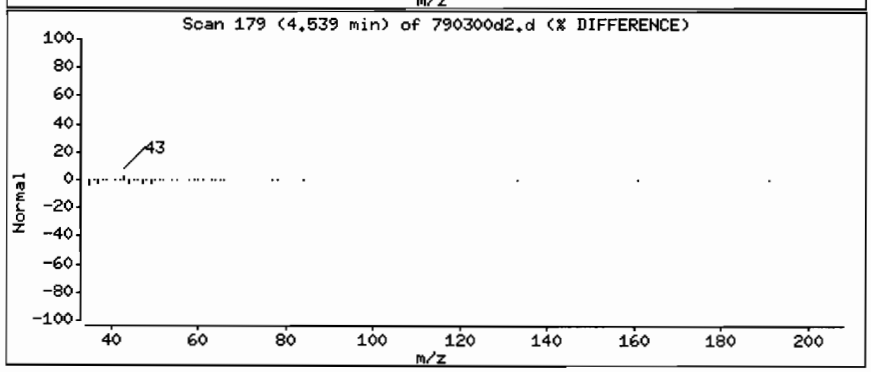
6 Vinyl Chloride

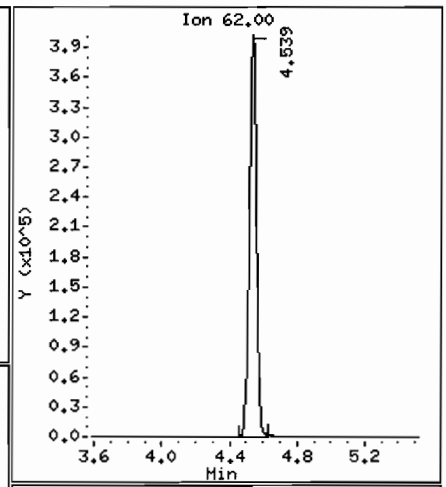
Concentration: 3600 ppbv

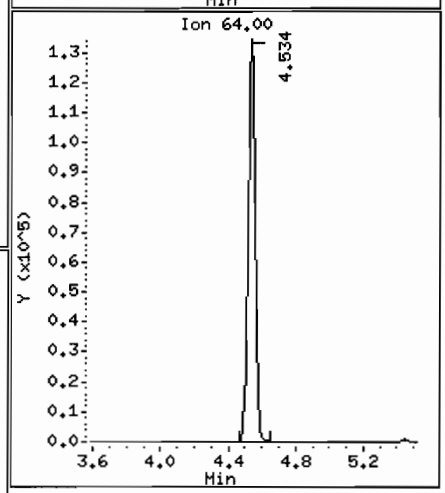












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790300d2.d

Date : 04-APR-2009 18:14

Client ID: 24VP-28V3.5

Instrument: F.i

Sample Info: 20090324VP-28V3.5 :[103/24/09 @1222(AIR)

Purge Volume: 10.0

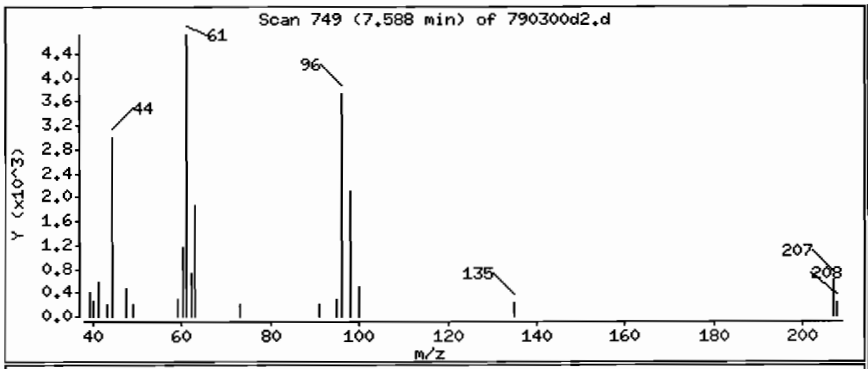
Operator: njr

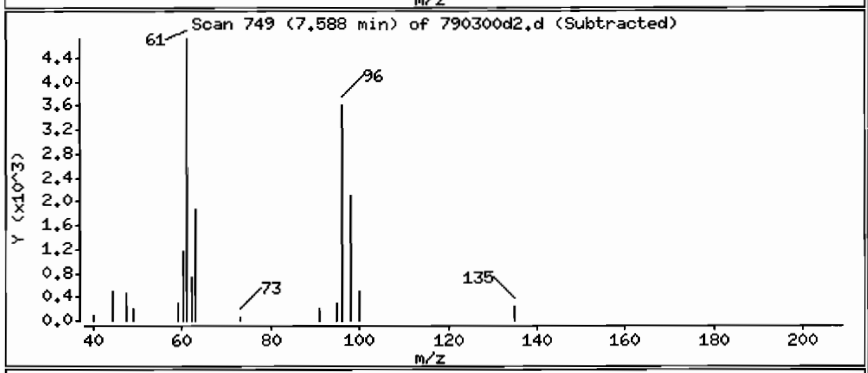
Column phase: RTX-624

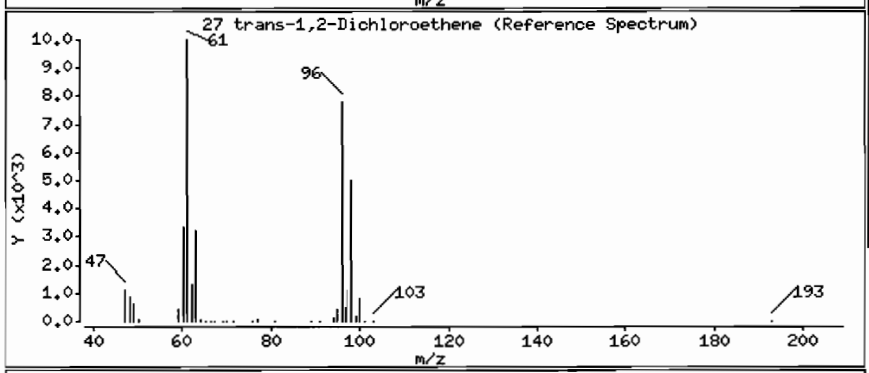
Column diameter: 0.32

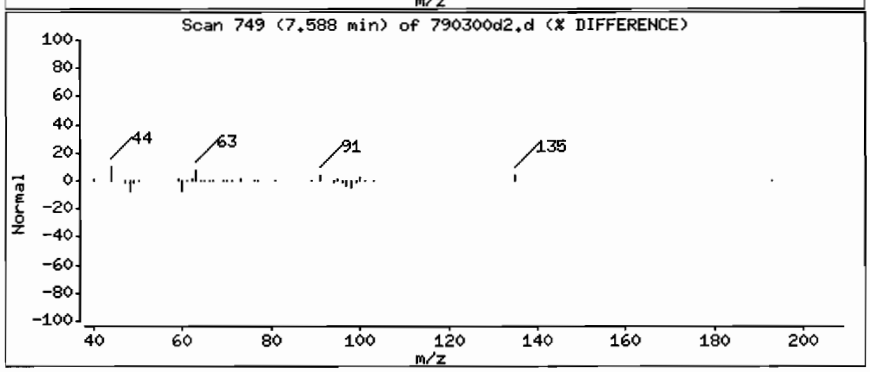
27 trans-1,2-Dichloroethene

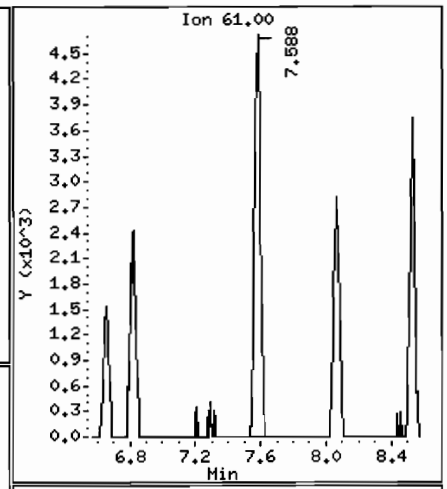
Concentration: 20 ppbv

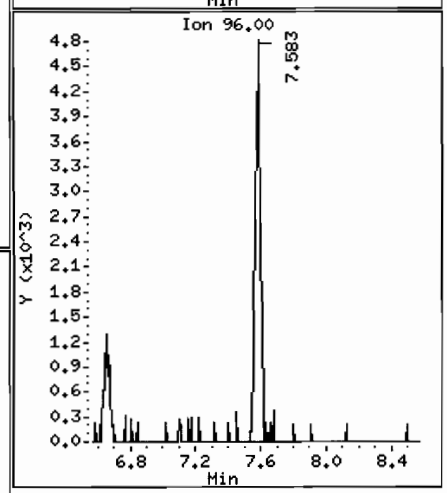












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790300d2.d

Date : 04-APR-2009 18:14

Client ID: 24VP-28V3.5

Instrument: F.i

Sample Info: 20090324VP-28V3.5 :[J03/24/09 @1222(AIR)

Purge Volume: 10.0

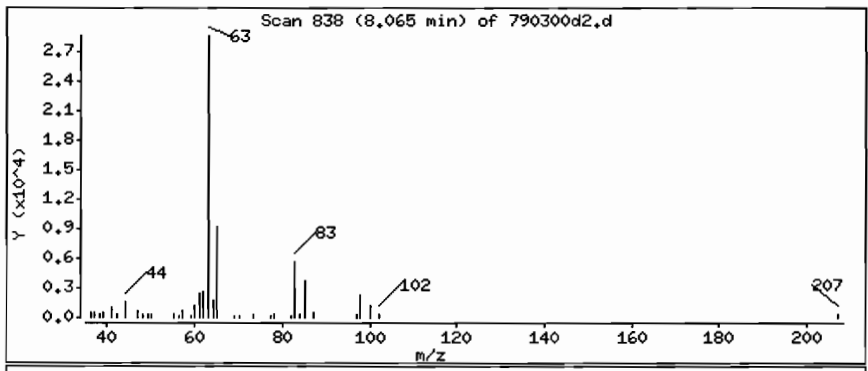
Operator: njr

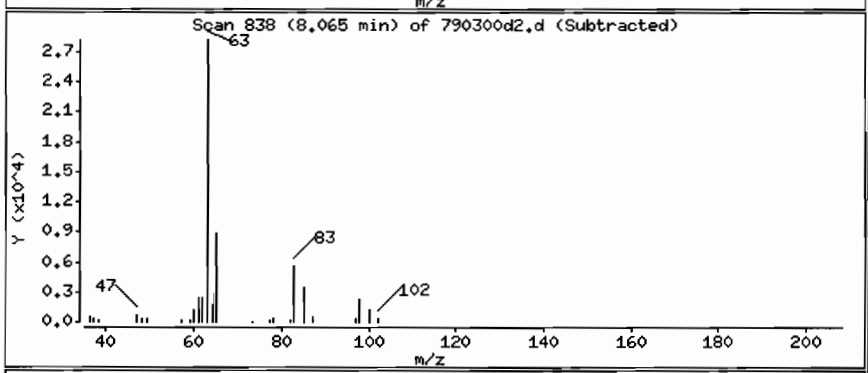
Column phase: RTX-624

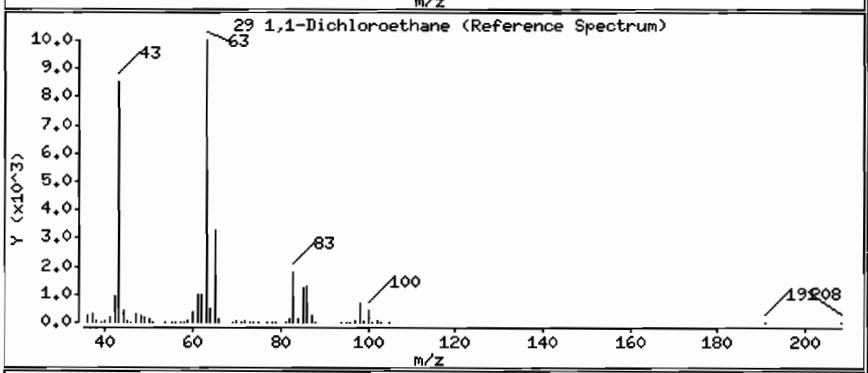
Column diameter: 0.32

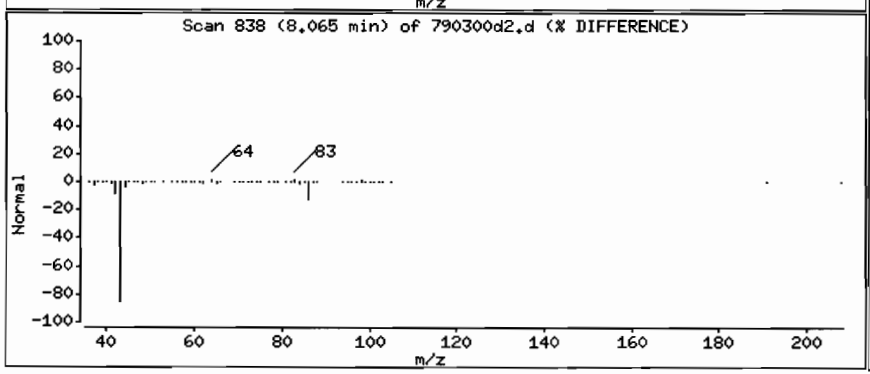
29 1,1-Dichloroethane

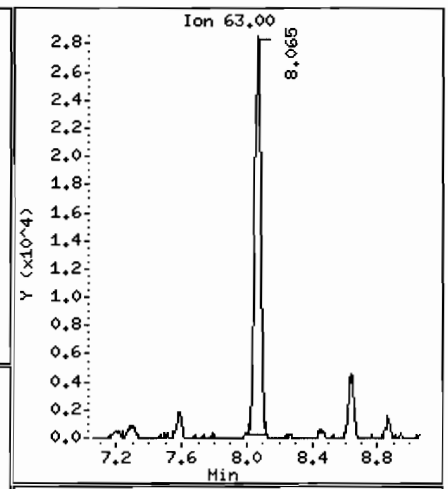
Concentration: 100 ppbv

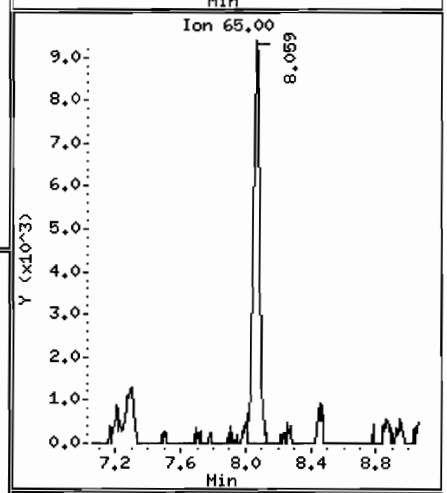


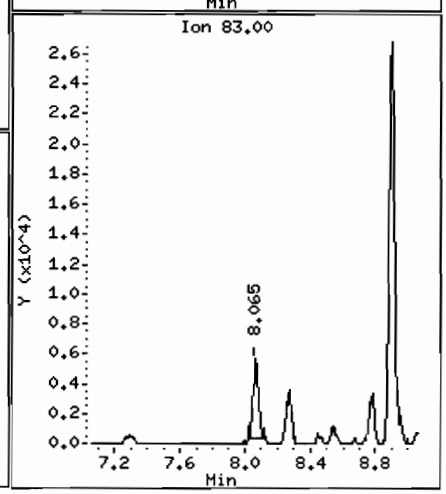












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Date : 04-APR-2009 18:14

Client ID: 24VP-28V3.5

Instrument: F.i

Sample Info: 20090324VP-28V3.5 :[ ]03/24/09 @1222(AIR)

Purge Volume: 10.0

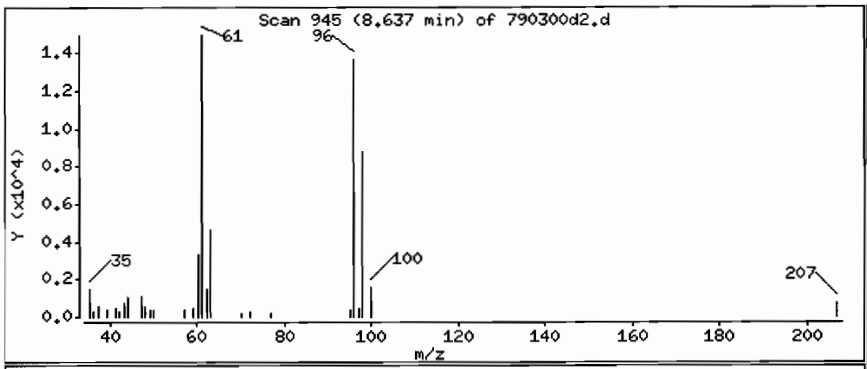
Operator: njr

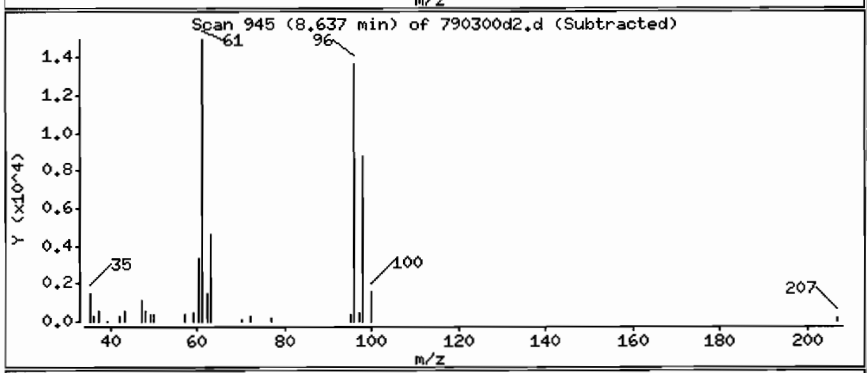
Column phase: RTX-624

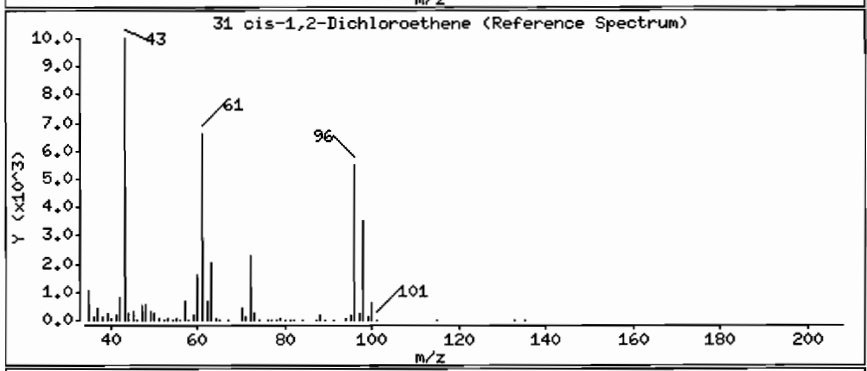
Column diameter: 0.32

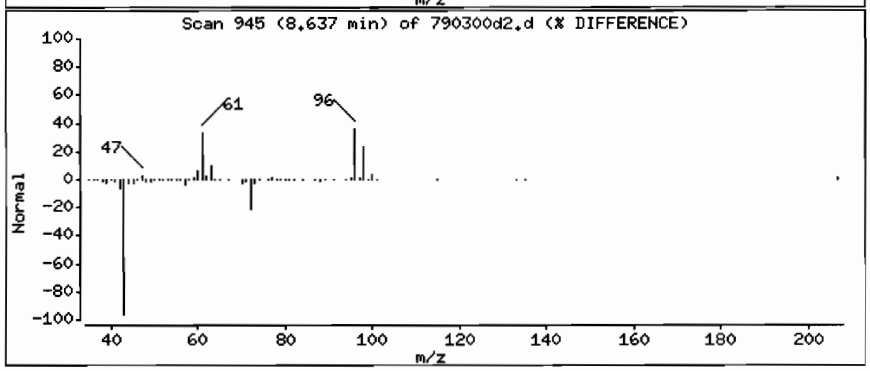
31 cis-1,2-Dichloroethene

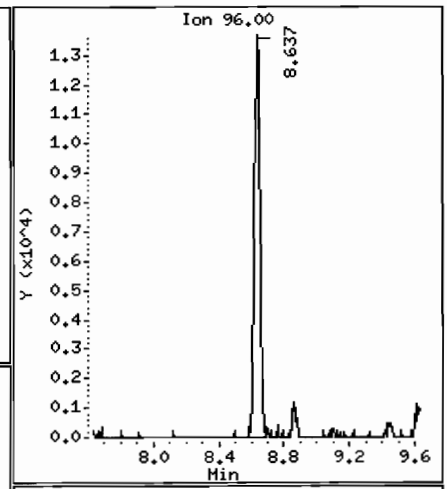
Concentration: 69 ppbv

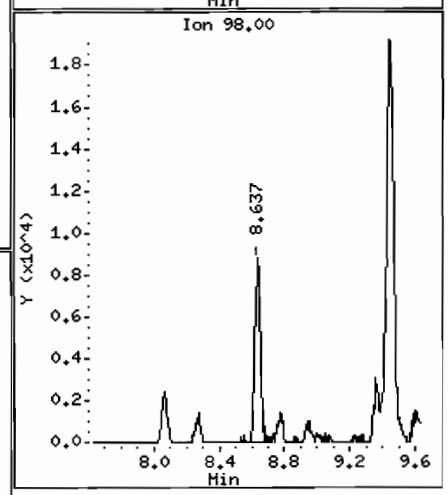












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Date : 04-APR-2009 18:14

Client ID: 24VP-28V3.5

Instrument: F.i

Sample Info: 20090324VP-28V3.5 :[ ]03/24/09 @1222(AIR)

Purge Volume: 10.0

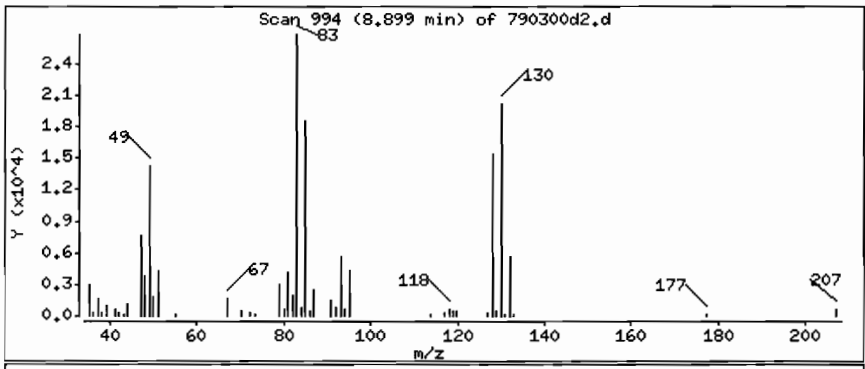
Operator: njr

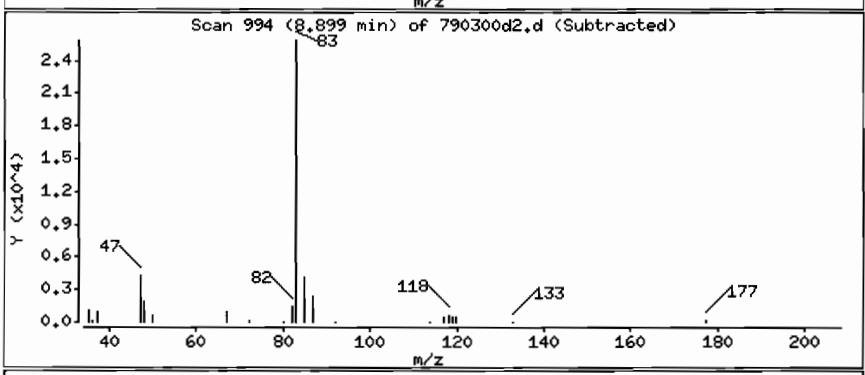
Column phase: RTX-624

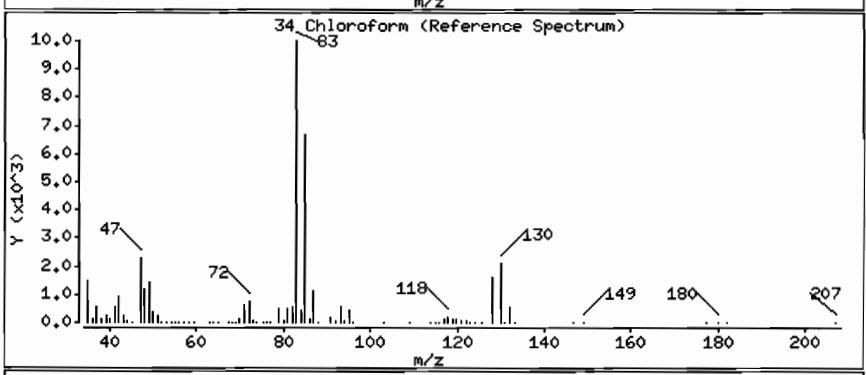
Column diameter: 0.32

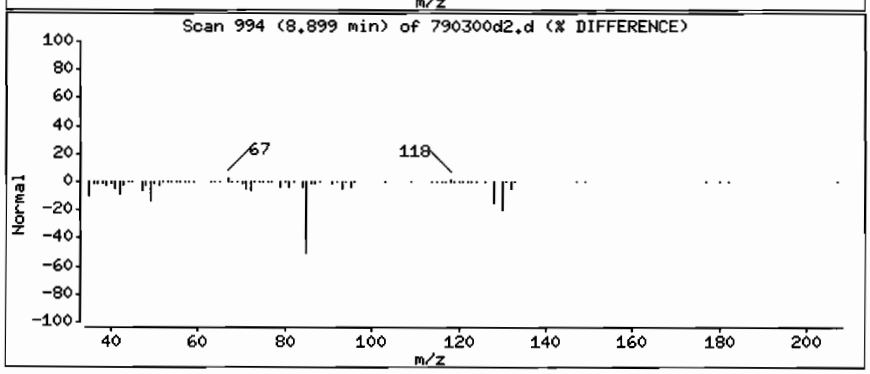
34 Chloroform

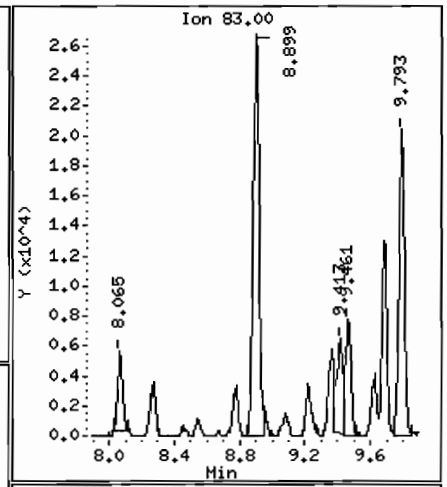
Concentration: 66 ppbv

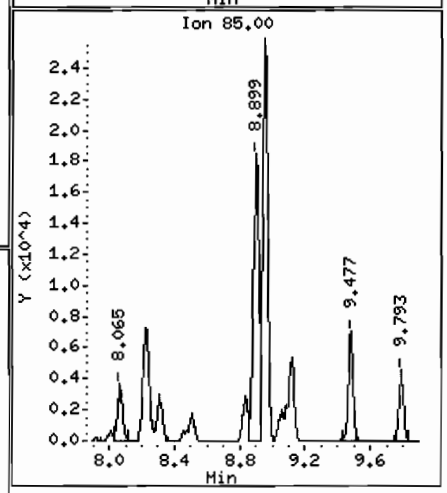












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790300d2.d

Date : 04-APR-2009 18:14

Client ID: 24VP-28V3.5

Instrument: F.i

Sample Info: 20090324VP-28V3.5 :[J03/24/09 @1222(AIR)

Purge Volume: 10.0

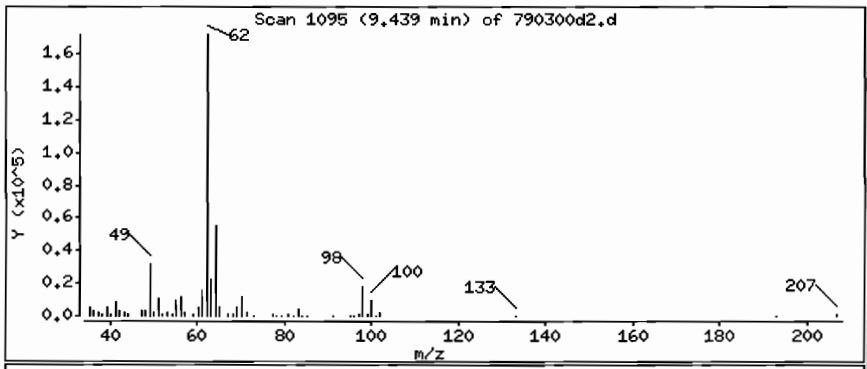
Operator: njr

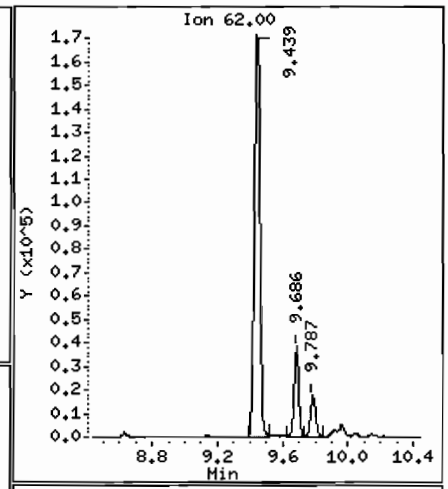
Column phase: RTX-624

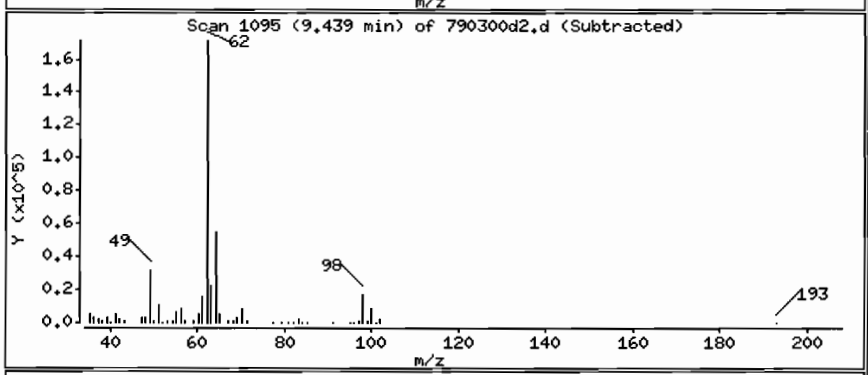
Column diameter: 0.32

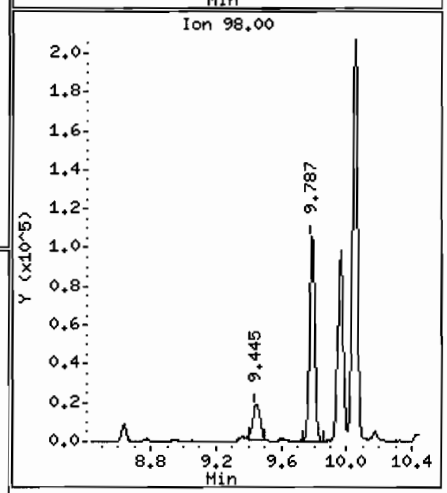
41 1,2-Dichloroethane

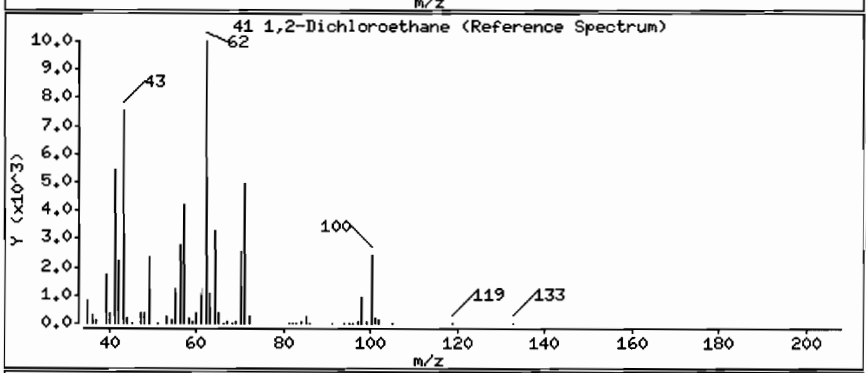
Concentration: 510 ppbv

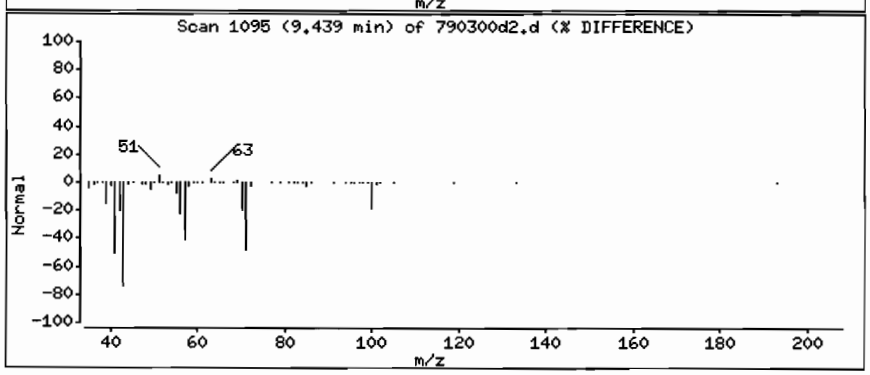












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790300d2.d

Date : 04-APR-2009 18:14

Client ID: 24VP-28V3.5

Instrument: F.i

Sample Info: 20090324VP-28V3.5 :[ ]03/24/09 @1222(AIR)

Purge Volume: 10.0

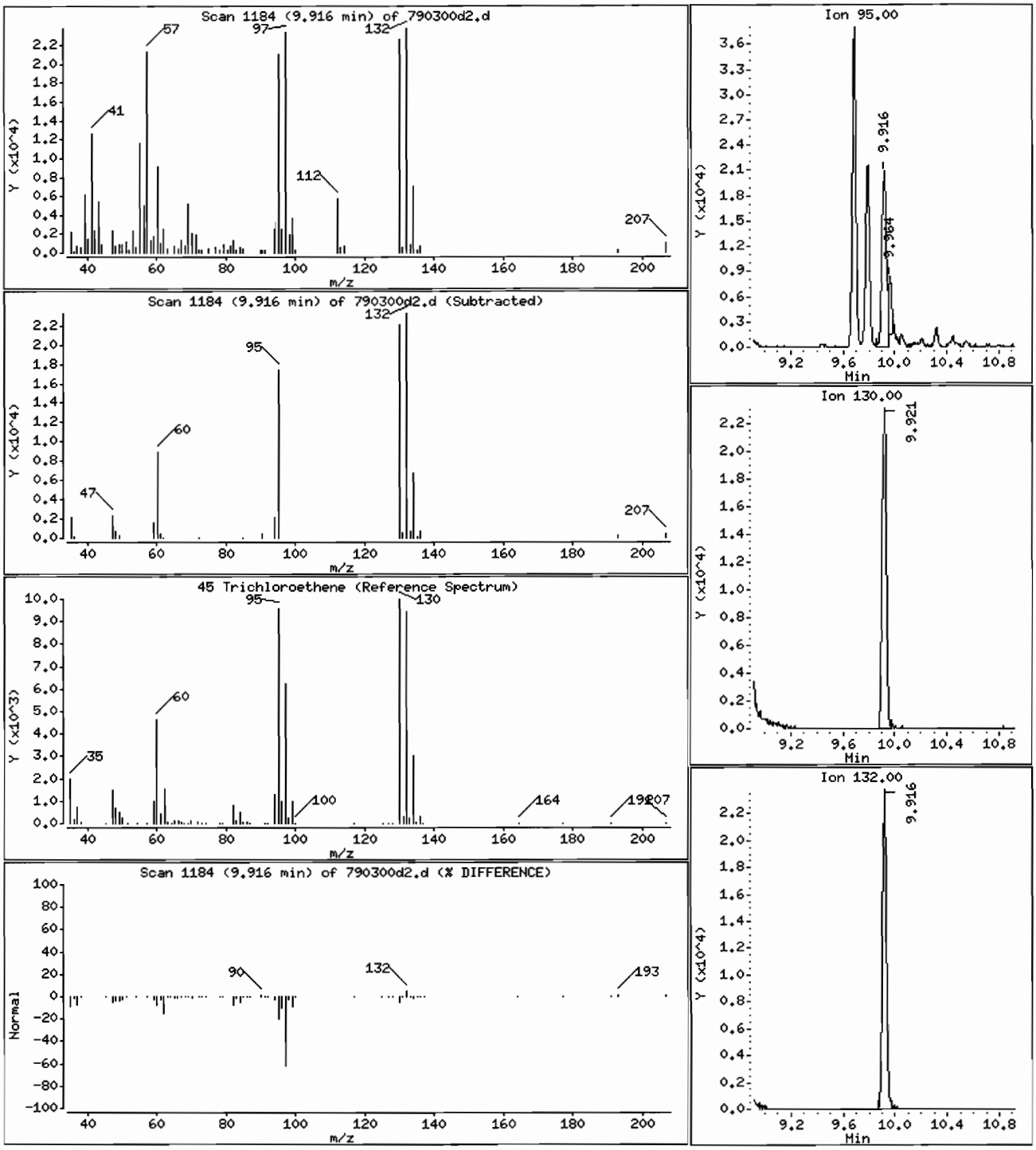
Operator: njr

Column phase: RTX-624

Column diameter: 0.32

45 Trichloroethene

Concentration: 72 ppbv



Data File: /chem/F.i/Fsvr.p/fcvito15.b/790300d2.d

Date : 04-APR-2009 18:14

Client ID: 24VP-28V3.5

Instrument: F.i

Sample Info: 20090324VP-28V3.5 :[ ]03/24/09 @1222(AIR)

Purge Volume: 10.0

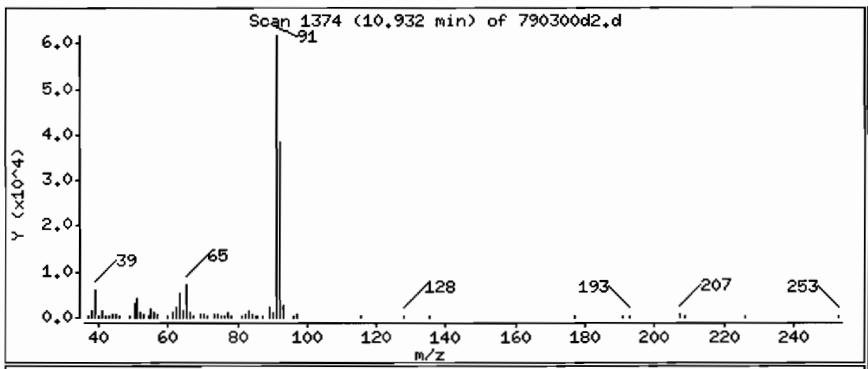
Operator: njr

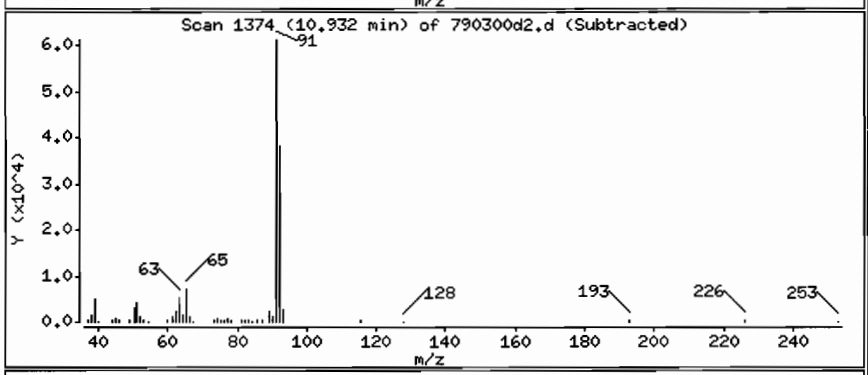
Column phase: RTX-624

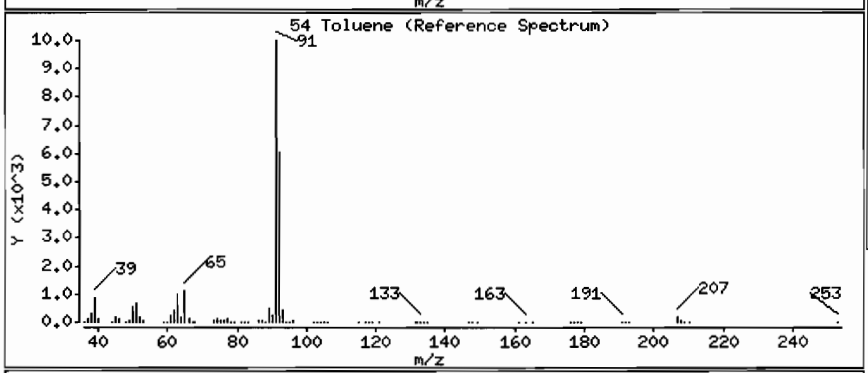
Column diameter: 0.32

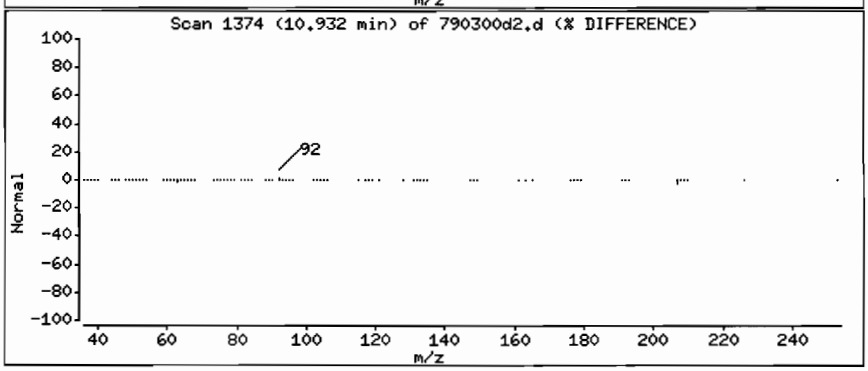
54 Toluene

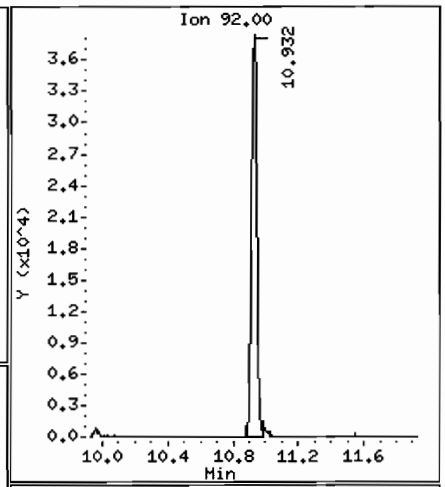
Concentration: 76 ppbv

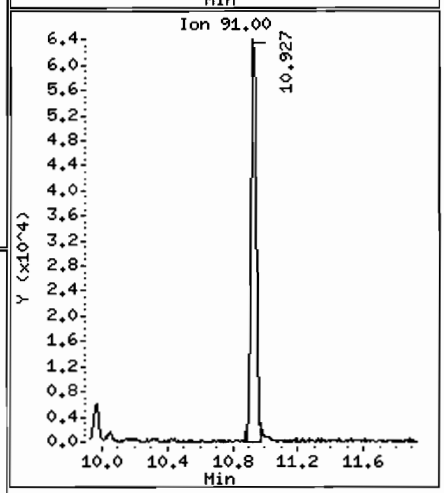












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790300d2.d

Date : 04-APR-2009 18:14

Client ID: 24VP-28V3.5

Instrument: F.i

Sample Info: 20090324VP-28V3.5 :[ ]03/24/09 @1222(AIR)

Purge Volume: 10.0

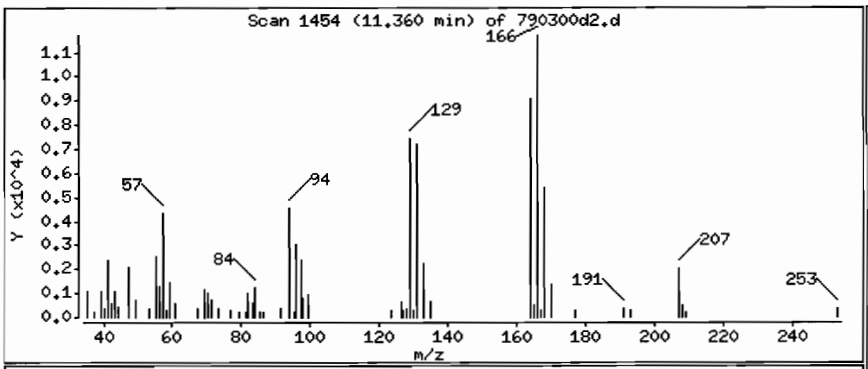
Operator: njr

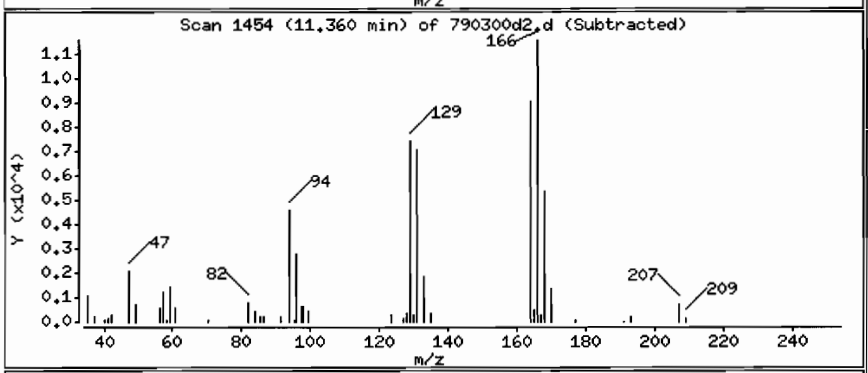
Column phase: RTX-624

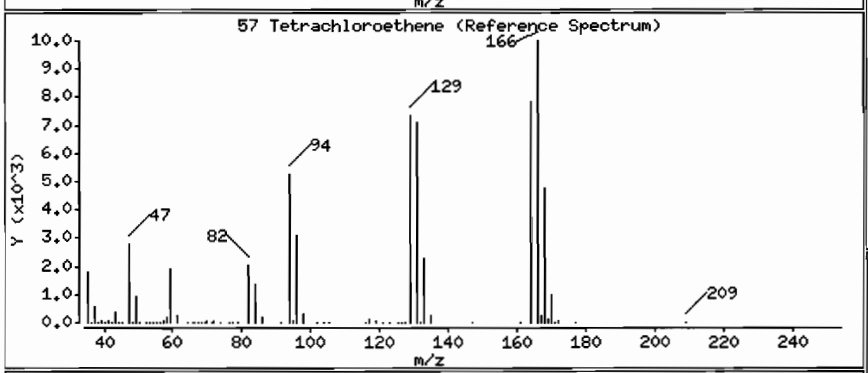
Column diameter: 0.32

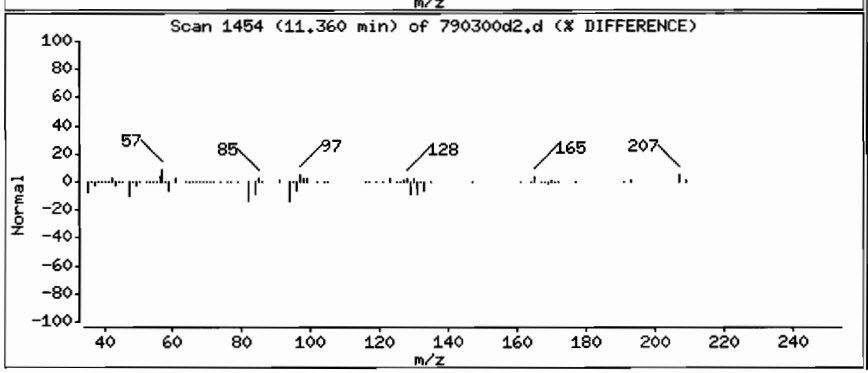
57 Tetrachloroethene

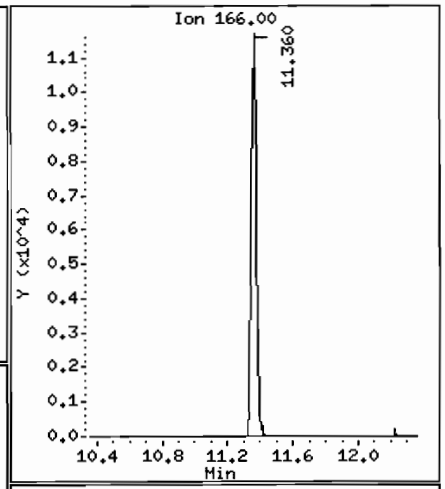
Concentration: 22 ppbv

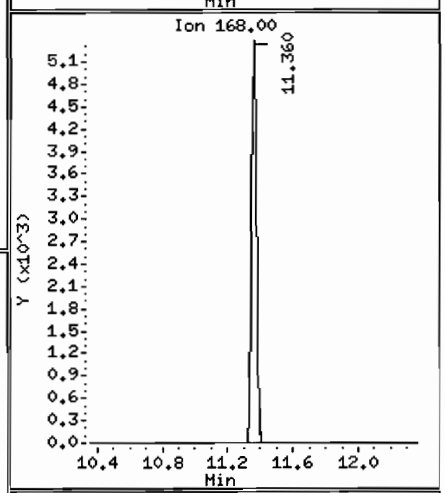


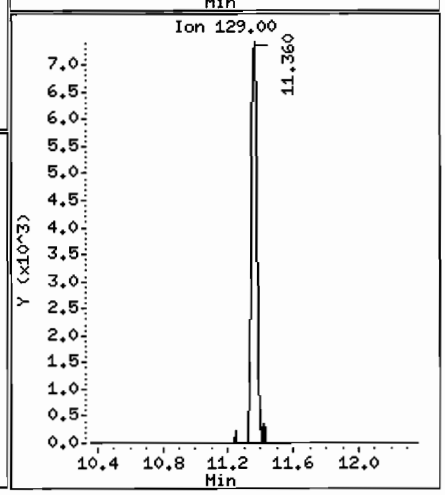












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Date : 04-APR-2009 18:14

Client ID: 24VP-28V3.5

Instrument: F.i

Sample Info: 20090324VP-28V3.5 :[ ]03/24/09 @1222(AIR)

Purge Volume: 10.0

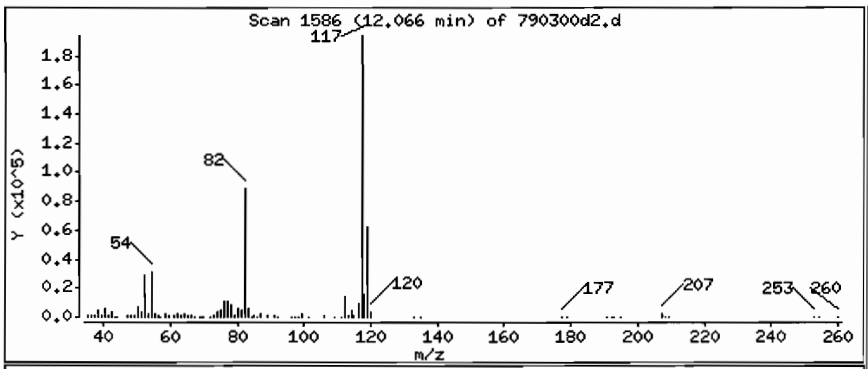
Operator: njr

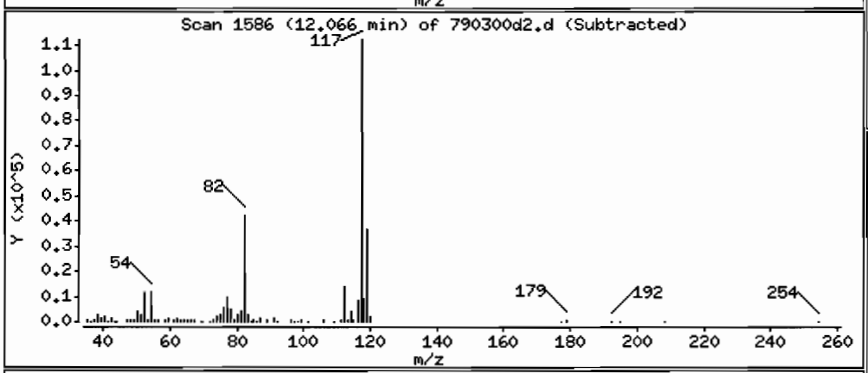
Column phase: RTX-624

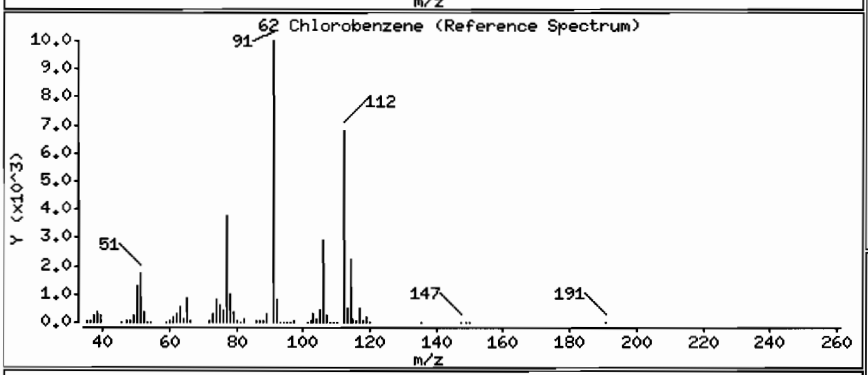
Column diameter: 0.32

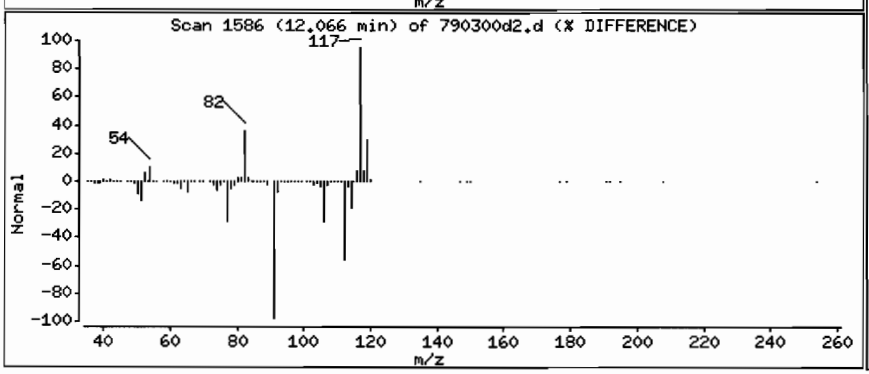
62 Chlorobenzene

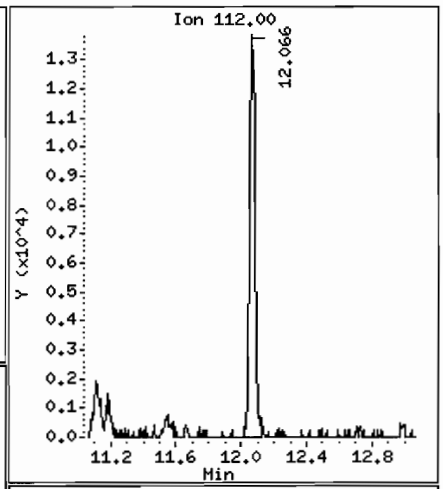
Concentration: 20 ppbv

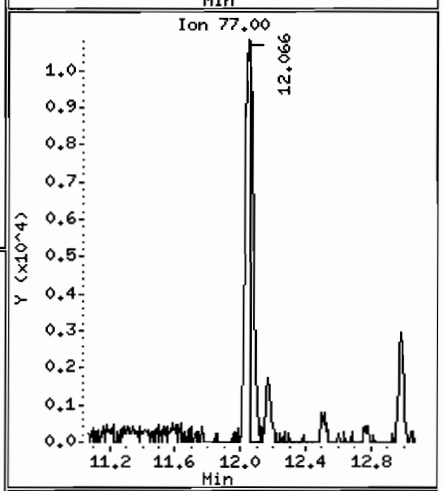


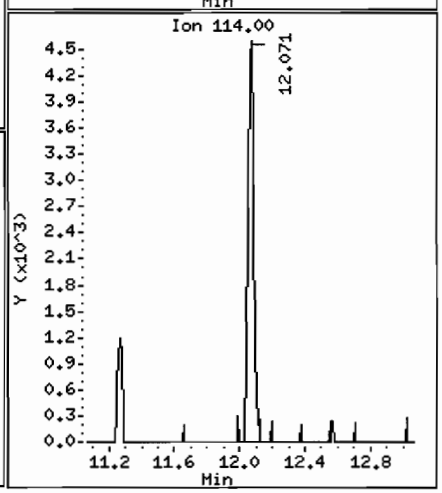












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-29V1.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790302

Sample wt/vol: 22.00 (g/mL) ML Lab File ID: 790302D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 39.9

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	20	U
75-01-4	Vinyl Chloride	8.0	U
74-83-9	Bromomethane	8.0	U
75-00-3	Chloroethane	20	U
75-35-4	1,1-Dichloroethene	8.0	U
67-64-1	Acetone	200	U
75-15-0	Carbon Disulfide	27	
75-09-2	Methylene Chloride	20	U
156-60-5	trans-1,2-Dichloroethene	8.0	U
75-34-3	1,1-Dichloroethane	8.0	U
78-93-3	Methyl Ethyl Ketone	20	U
156-59-2	cis-1,2-Dichloroethene	8.0	U
67-66-3	Chloroform	8.0	U
71-55-6	1,1,1-Trichloroethane	8.0	U
56-23-5	Carbon Tetrachloride	8.0	U
71-43-2	Benzene	8.0	U
107-06-2	1,2-Dichloroethane	8.0	U
79-01-6	Trichloroethene	8.0	U
78-87-5	1,2-Dichloropropane	8.0	U
75-27-4	Bromodichloromethane	8.0	U
10061-01-5	cis-1,3-Dichloropropene	8.0	U
108-10-1	Methyl Isobutyl Ketone	20	U
108-88-3	Toluene	1500	
10061-02-6	trans-1,3-Dichloropropene	8.0	U
79-00-5	1,1,2-Trichloroethane	8.0	U
127-18-4	Tetrachloroethene	8.0	U
591-78-6	Methyl Butyl Ketone	20	U
124-48-1	Dibromochloromethane	8.0	U
108-90-7	Chlorobenzene	8.0	U
100-41-4	Ethylbenzene	130	
1330-20-7	Xylene (m,p)	51	
95-47-6	Xylene (o)	8.0	U
100-42-5	Styrene	8.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-29V1.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790302

Sample wt/vol: 22.00 (g/mL) ML Lab File ID: 790302D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 39.9

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

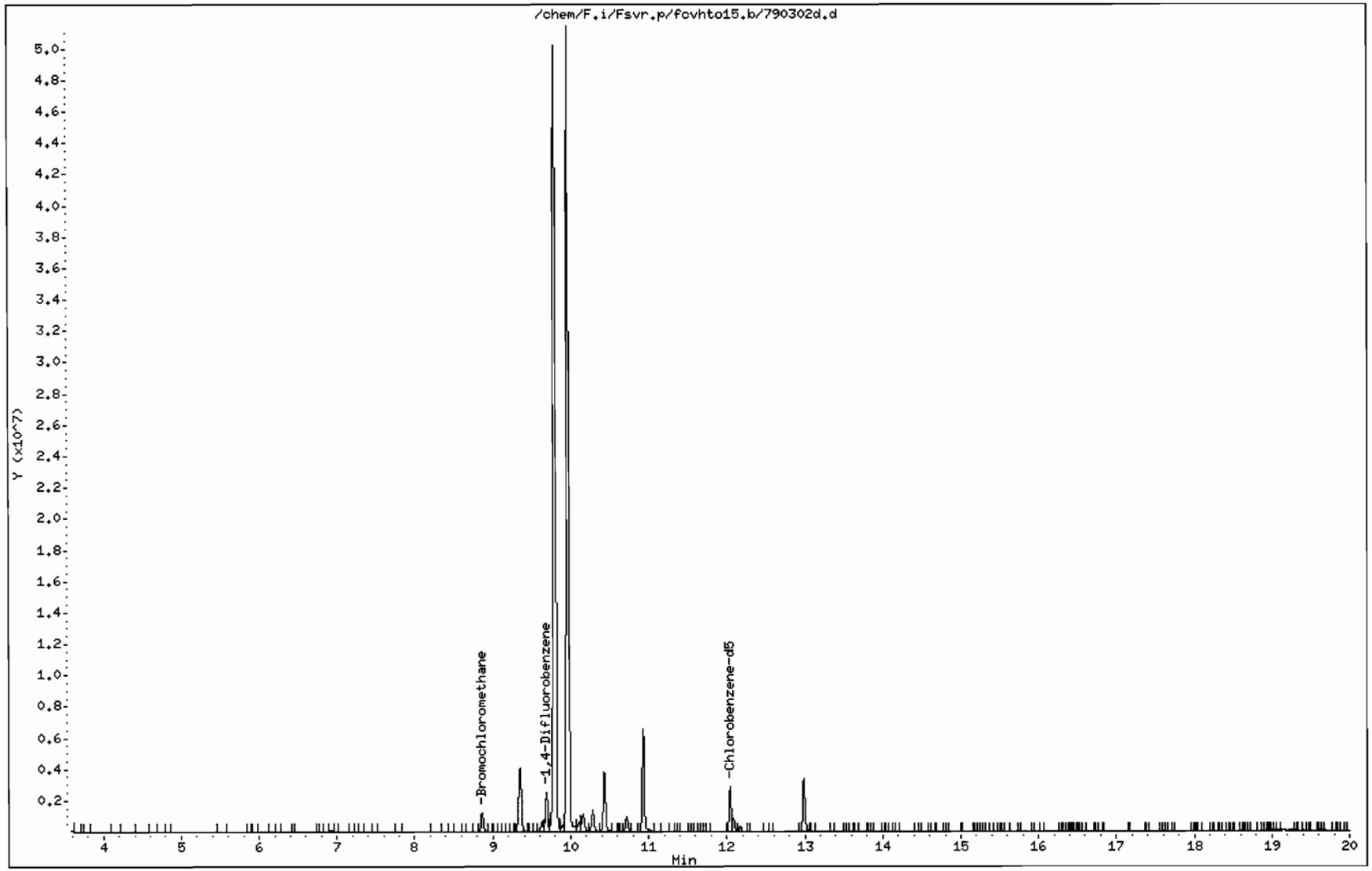
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	8.0	U
79-34-5	1,1,2,2-Tetrachloroethane	8.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790302d.d
Date : 03-APR-2009 03:17
Client ID: 24VP-29V1.5
Sample Info: 20090324VP-29V1.5 :[ ]03/24/09 @1502(AIR)
Purge Volume: 22.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/790302d.d
Lab Smp Id: 790302 Client Smp ID: 24VP-29V1.5
Inj Date : 03-APR-2009 03:17
Operator : pad Inst ID: F.i
Smp Info : 20090324VP-29V1.5 :[ ]03/24/09 @1502(AIR)
Misc Info : 790302;040209FA;39.9;22;cdf4.39
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 4
Dil Factor: 39.90000
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	39.90000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	22.00000	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	6.979	6.962	(0.787)	59791	0.66938	27
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	8.867	8.861	(1.000)	443904	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	9.686	9.685	(1.000)	2303492	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	10.932	10.926	(0.908)	3313527	37.2701	1500
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	12.045	12.039	(1.000)	2033558	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.088	12.082	(1.004)	656351	3.24937	130
64 Xylene (m,p)	106	12.168	12.168	(1.010)	103792	1.27357	51
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/F.i/Fsvr.p/fcvhto15.b/790302d.d

Date : 03-APR-2009 03:17

Client ID: 24VP-29V1.5

Instrument: F.i

Sample Info: 20090324VP-29V1.5 :[ ]03/24/09 @1502(AIR)

Purge Volume: 22.0

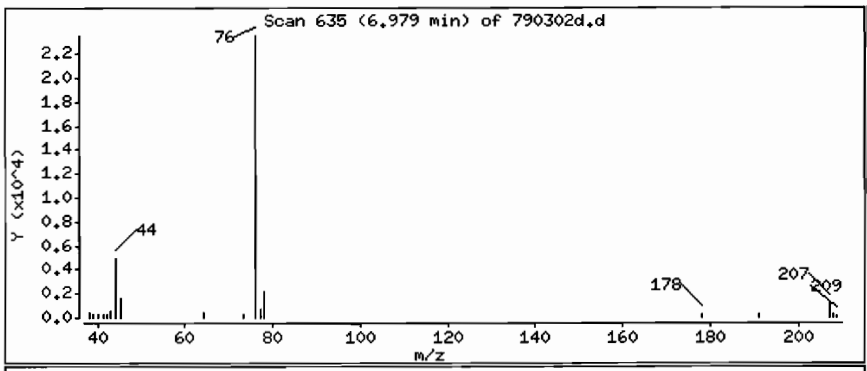
Operator: pad

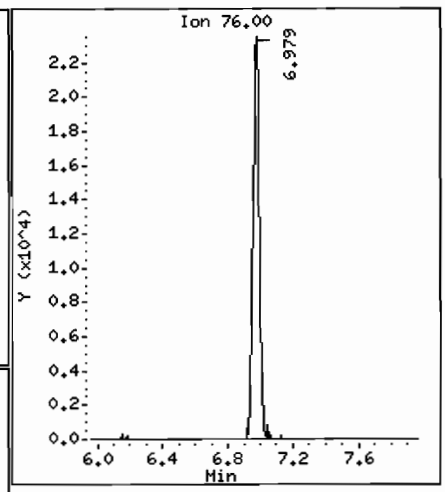
Column phase: RTX-624

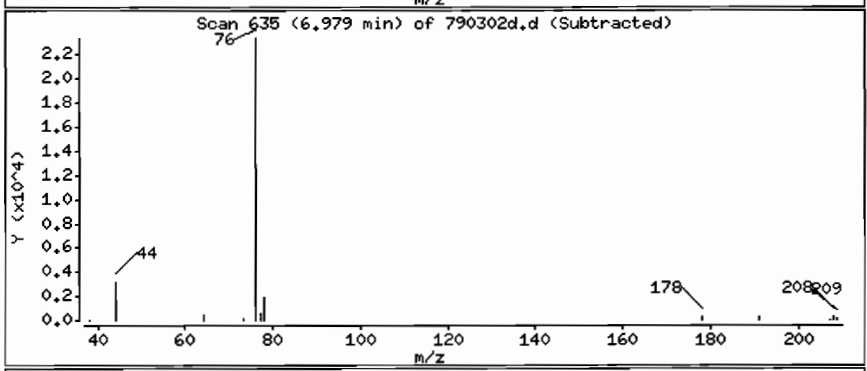
Column diameter: 0.32

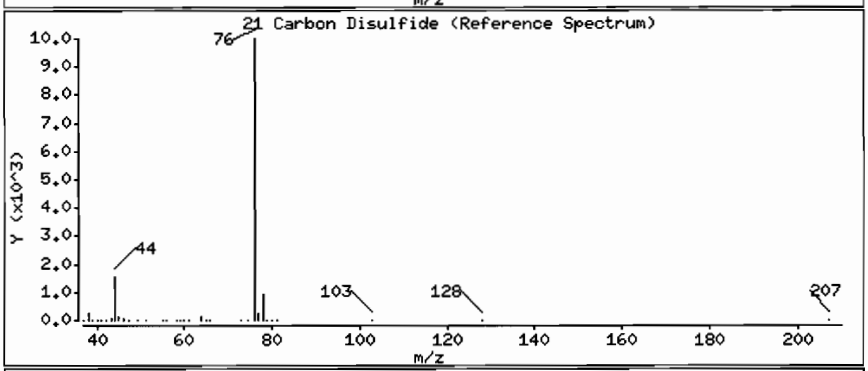
21 Carbon Disulfide

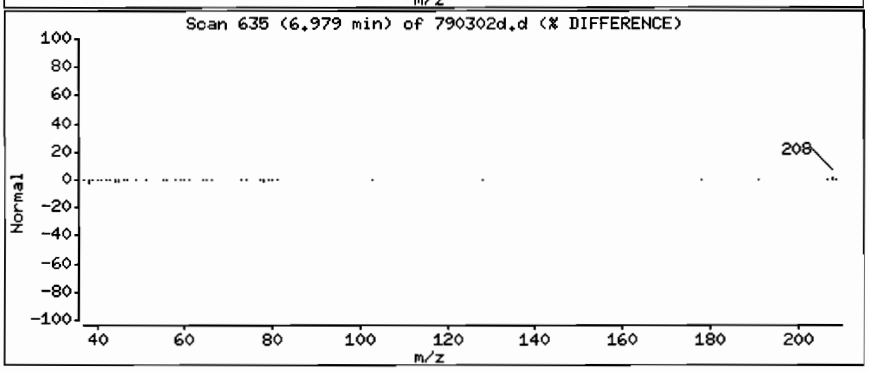
Concentration: 27 ppbv











Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790302d.d

Date : 03-APR-2009 03:17

Client ID: 24VP-29V1.5

Instrument: F.i

Sample Info: 20090324VP-29V1.5 :[ ]03/24/09 @1502(AIR)

Purge Volume: 22.0

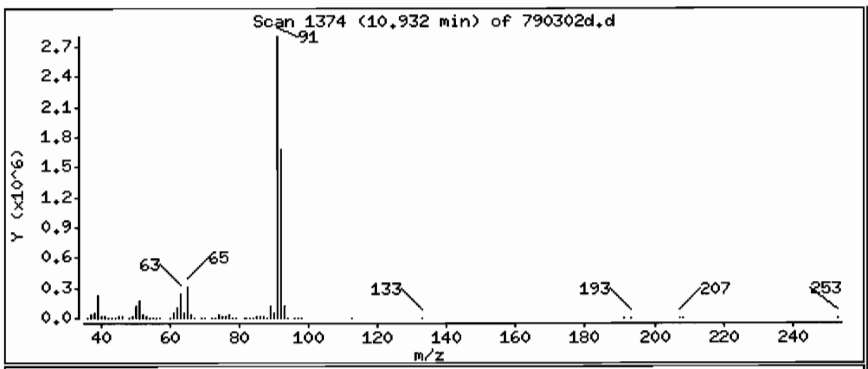
Operator: pad

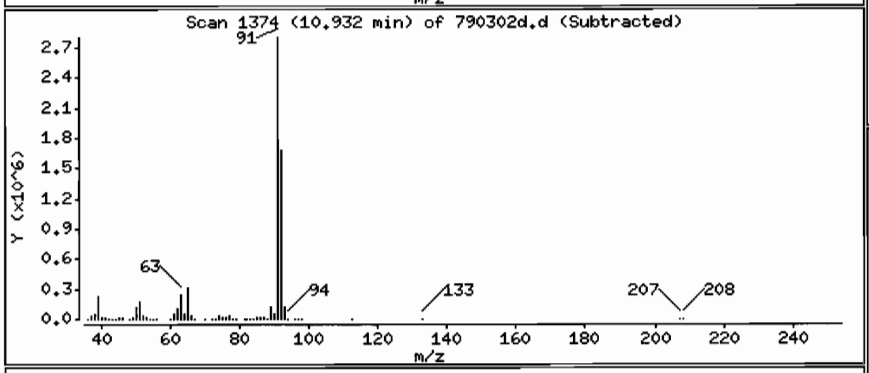
Column phase: RTX-624

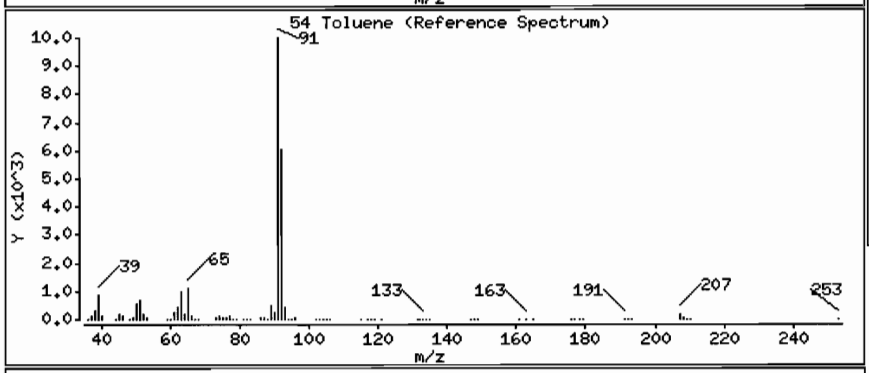
Column diameter: 0.32

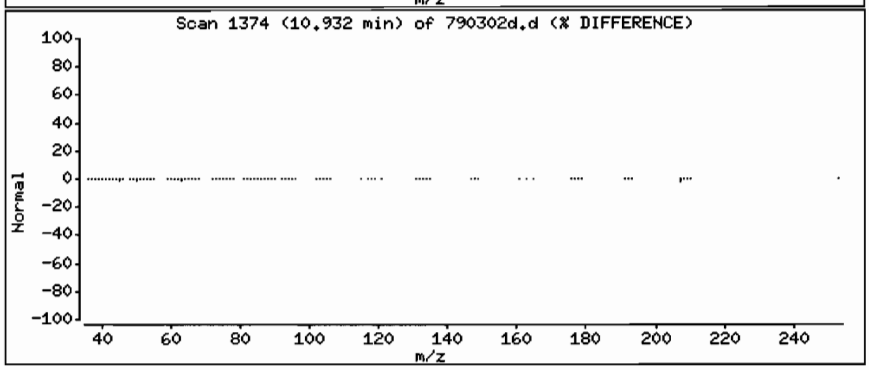
54 Toluene

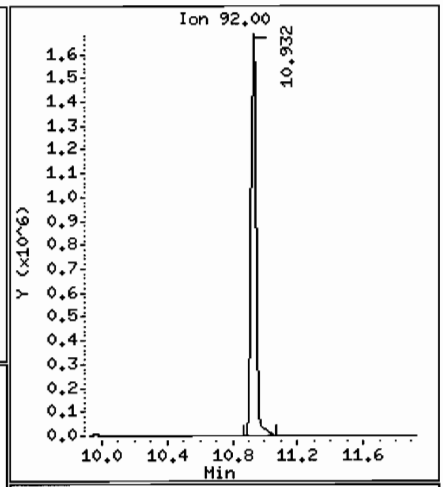
Concentration: 1500 ppbv

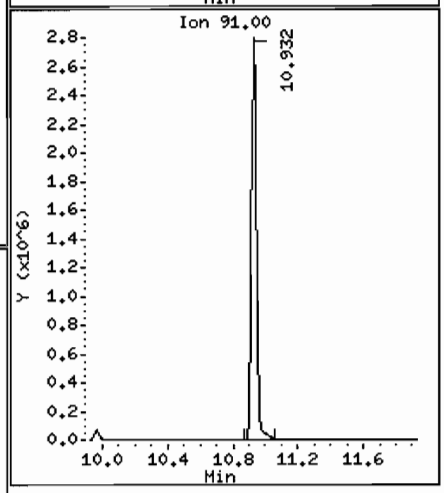












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790302d.d

Date : 03-APR-2009 03:17

Client ID: 24VP-29V1.5

Instrument: F.i

Sample Info: 20090324VP-29V1.5 :[ ]03/24/09 @1502(AIR)

Purge Volume: 22.0

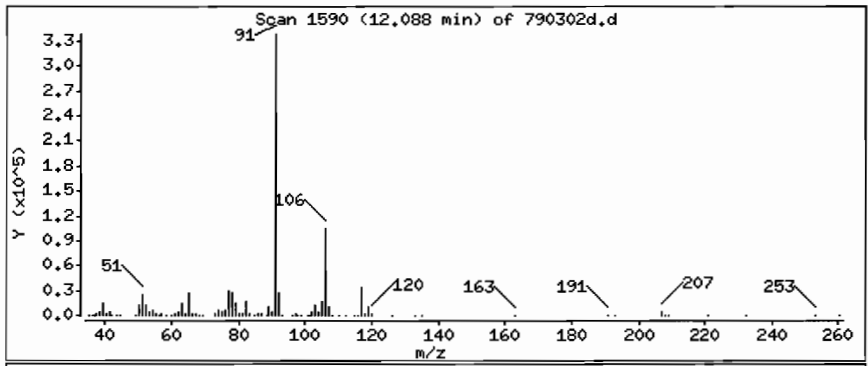
Operator: pad

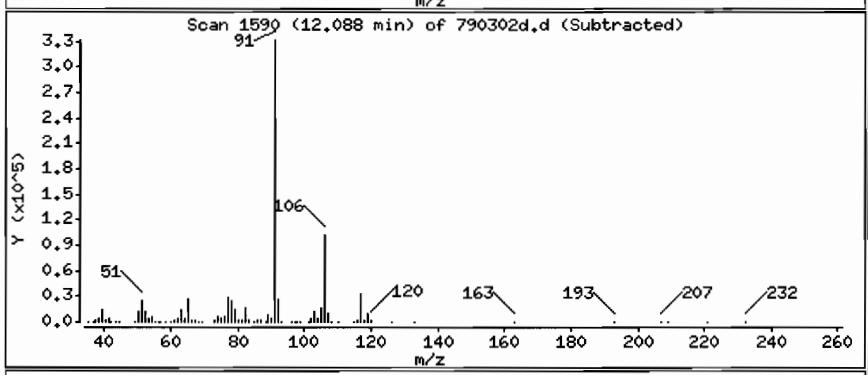
Column phase: RTX-624

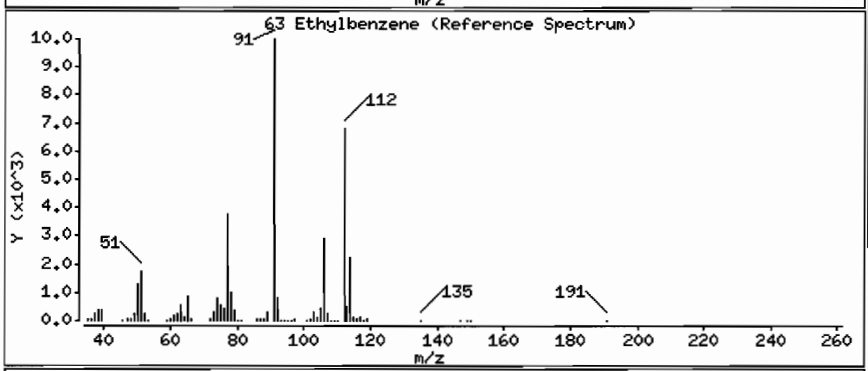
Column diameter: 0.32

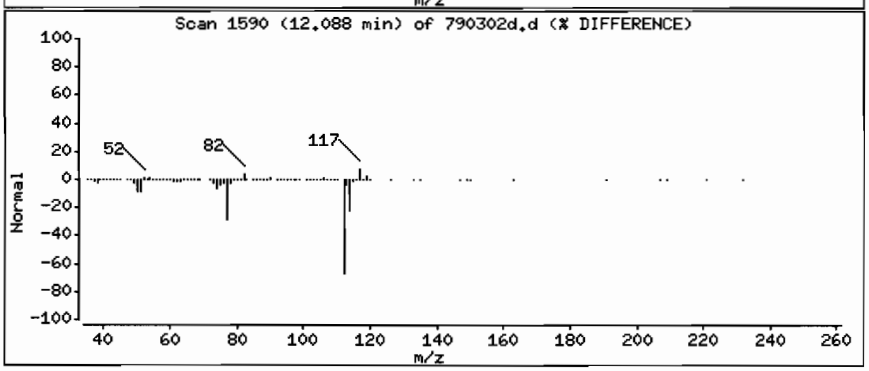
63 Ethylbenzene

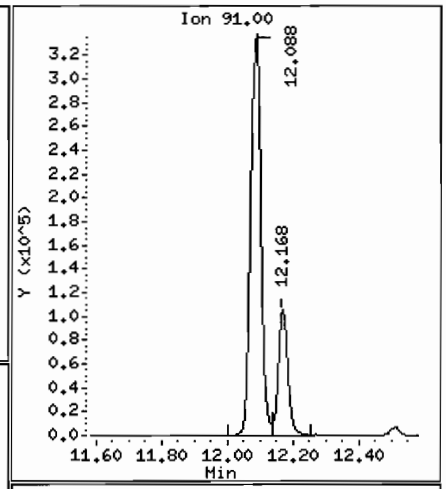
Concentration: 130 ppbv

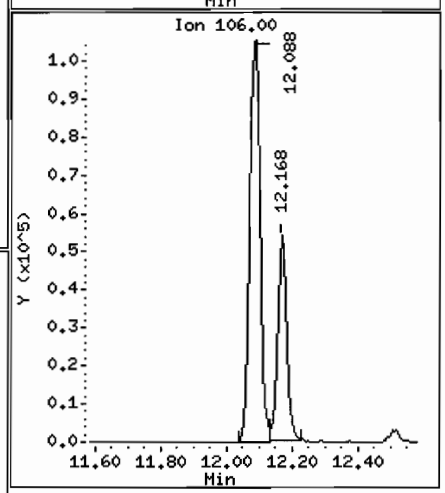












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790302d.d

Date : 03-APR-2009 03:17

Client ID: 24VP-29V1.5

Instrument: F.i

Sample Info: 20090324VP-29V1.5 :[ ]03/24/09 @1502(AIR)

Purge Volume: 22.0

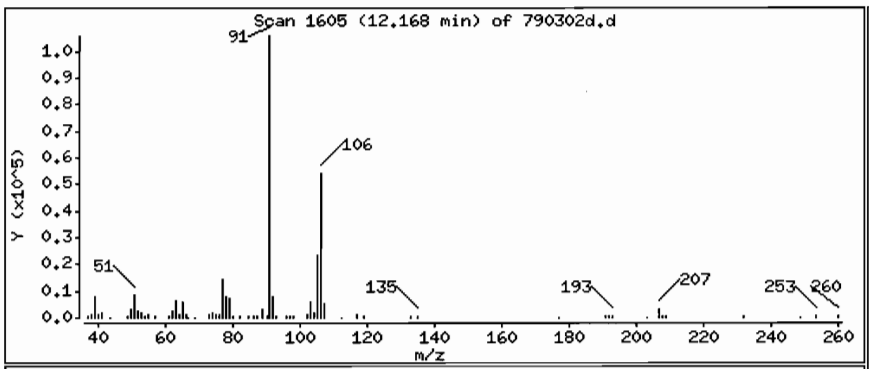
Operator: pad

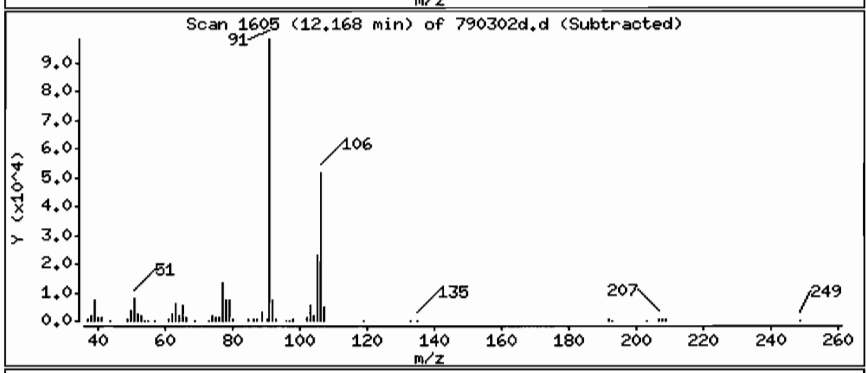
Column phase: RTX-624

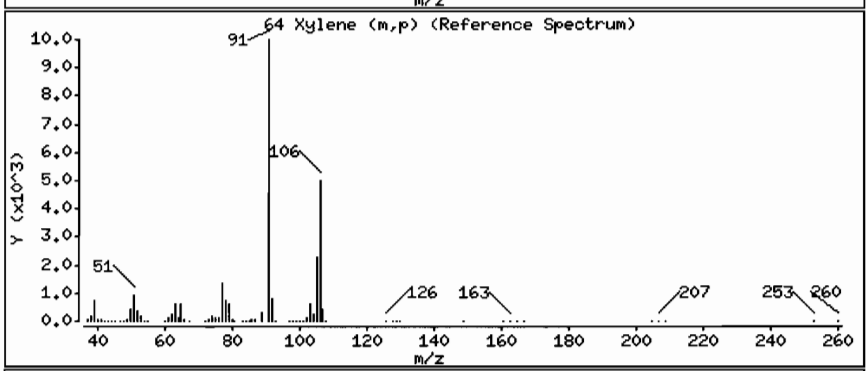
Column diameter: 0.32

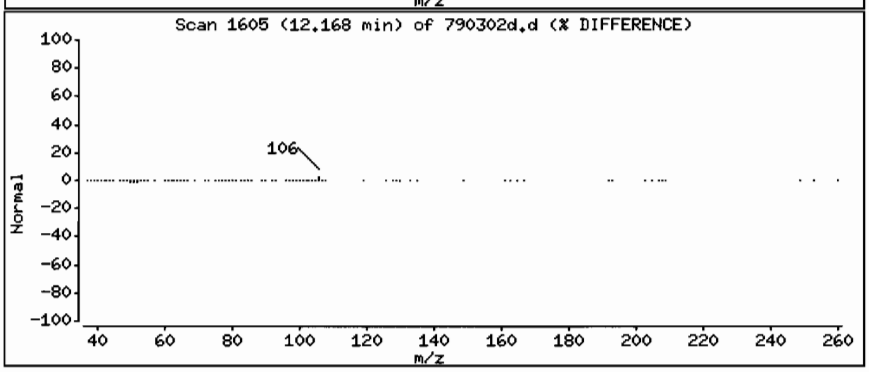
64 Xylene (m,p)

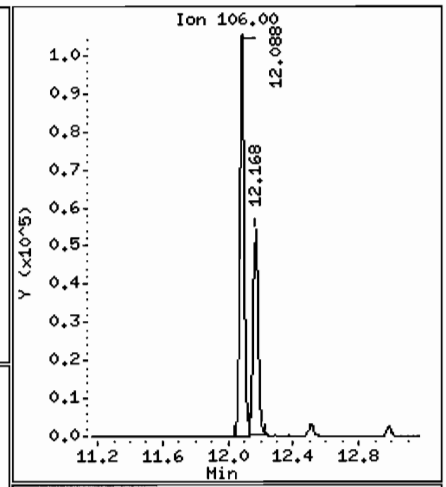
Concentration: 51 ppbv

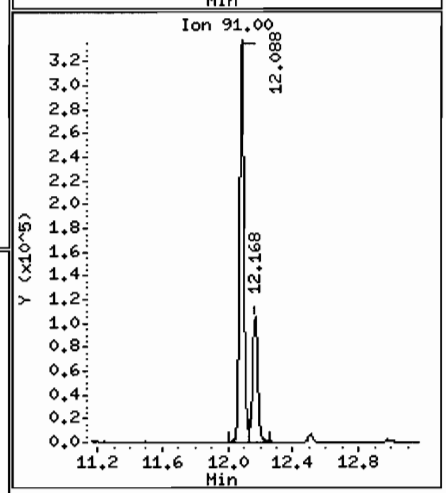












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-30V2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790301

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 790301D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

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	230	
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	5.0	U
75-09-2	Methylene Chloride	18	
156-60-5	trans-1,2-Dichloroethene	95	
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	6.6	
67-66-3	Chloroform	6.7	
71-55-6	1,1,1-Trichloroethane	2.0	U
56-23-5	Carbon Tetrachloride	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	5.0	
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	33	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	6.8	
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	3.1	
1330-20-7	Xylene (m,p)	12	
95-47-6	Xylene (o)	4.6	
100-42-5	Styrene	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-30V2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790301

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 790301D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

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

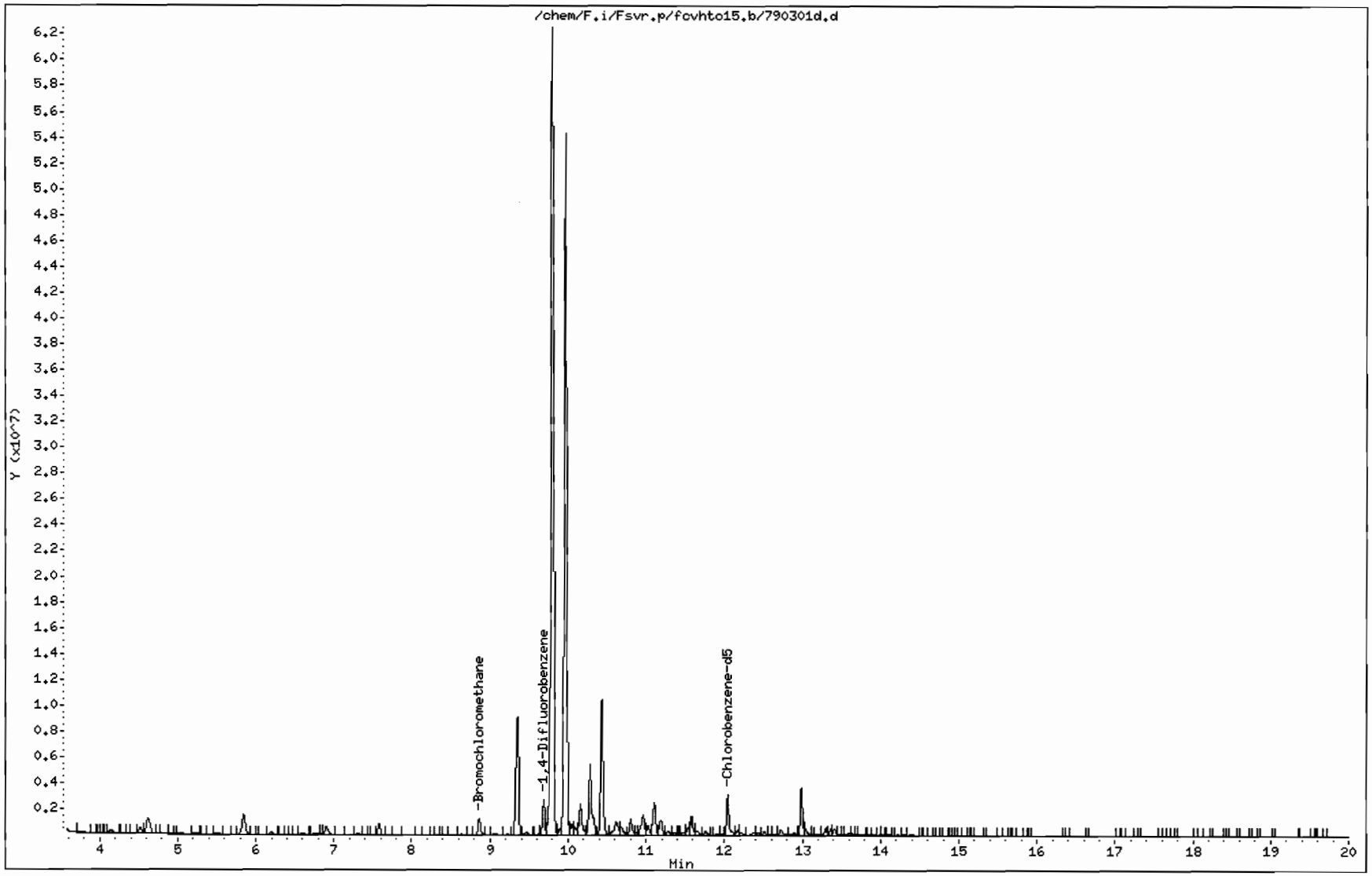
FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d
Date : 02-APR-2009 23:58
Client ID: 24VP-30V2
Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 3

Instrument: F.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d
Lab Smp Id: 790301 Client Smp ID: 24VP-30V2
Inj Date : 02-APR-2009 23:58
Operator : pad Inst ID: F.i
Smp Info : 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)
Misc Info : 790301;040209FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 4
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	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	4.523	4.518	(0.510)	759107	23.2176	230
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	7.310	7.299	(0.824)	55998	1.76497	18
27 trans-1,2-Dichloroethene	61	7.583	7.572	(0.855)	506742	9.54417	95
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	8.632	8.631	(0.973)	27252	0.66015	6.6
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	469505	10.0000	(Q)
34 Chloroform	83	8.899	8.894	(1.004)	60132	0.66556	6.7
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	9.439	9.439	(0.975)	33853	0.50055	5.0(M)
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2455145	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	10.932	10.926	(0.908)	313396	3.32661	33
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	11.365	11.360	(0.944)	64035	0.67661	6.8
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	2154853	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.082	12.082	(1.003)	65938	0.30806	3.1
64 Xylene (m,p)	106	12.168	12.168	(1.010)	103820	1.20221	12
65 Xylene (o)	106	12.510	12.505	(1.039)	37822	0.45994	4.6
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/F.i/Fsvr.p/fcvhto15.b/790301d.d

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)

Purge Volume: 20.0

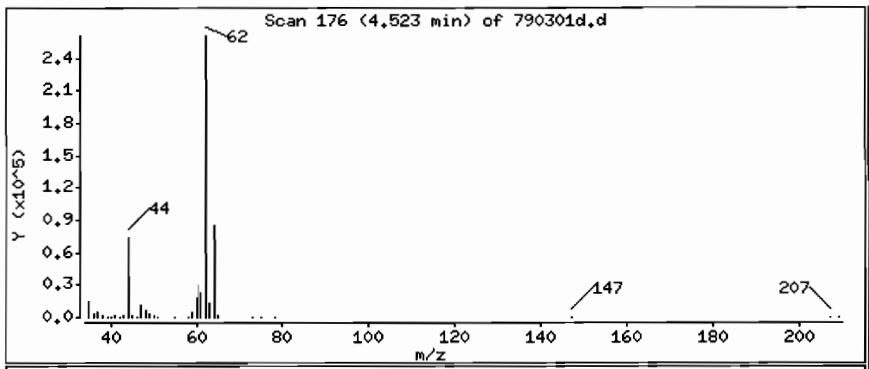
Operator: pad

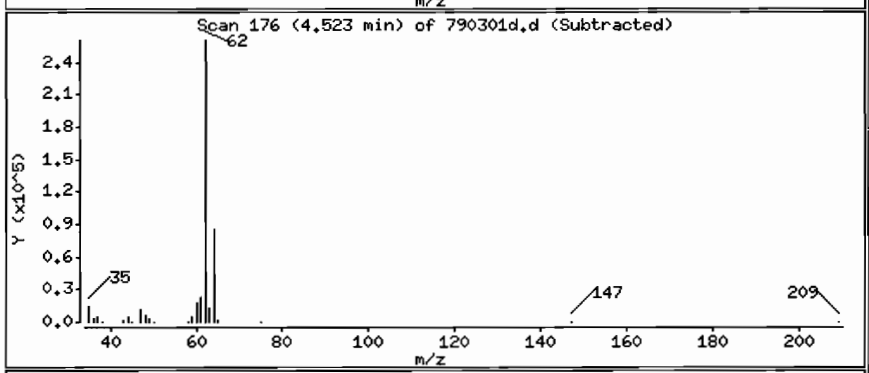
Column phase: RTX-624

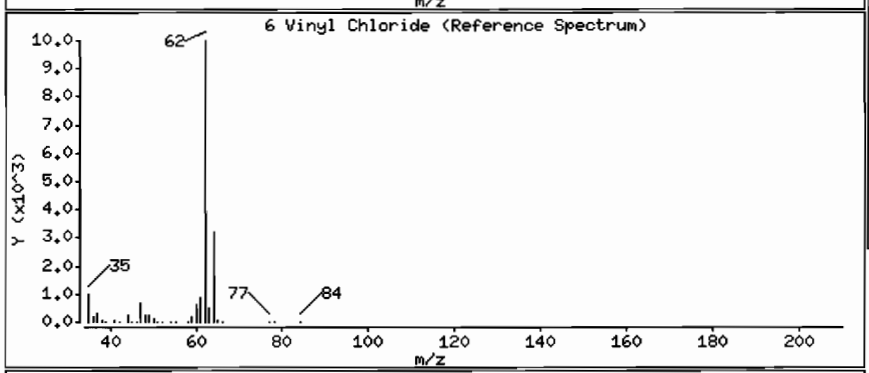
Column diameter: 0.32

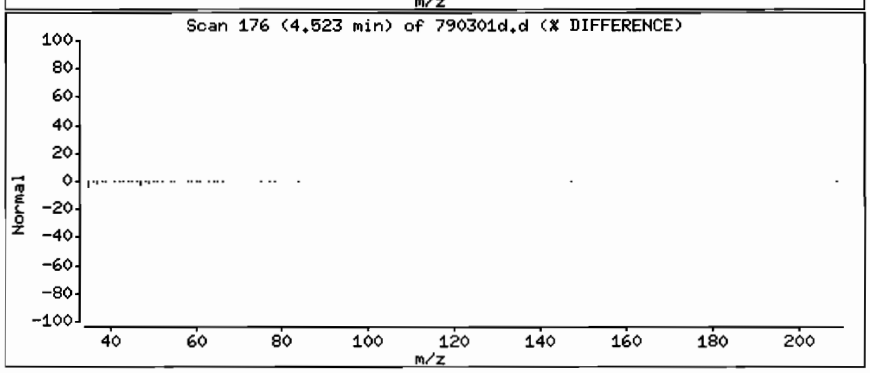
6 Vinyl Chloride

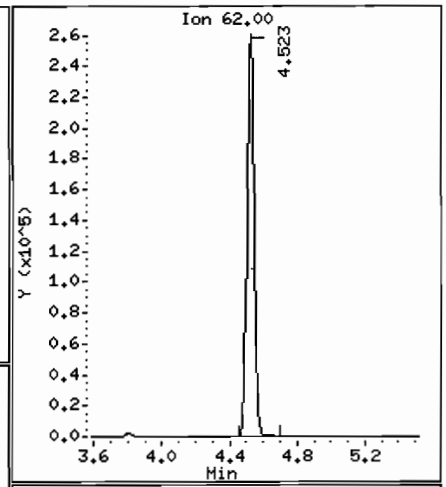
Concentration: 230 ppbv

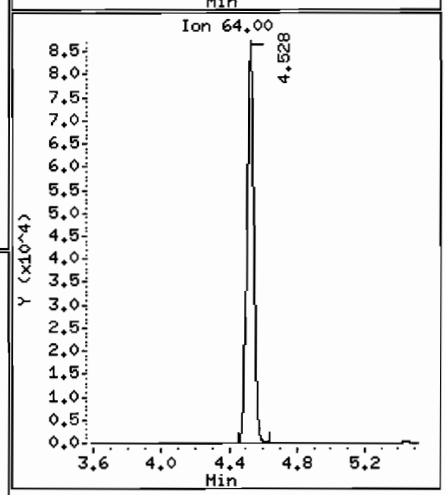












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)

Purge Volume: 20.0

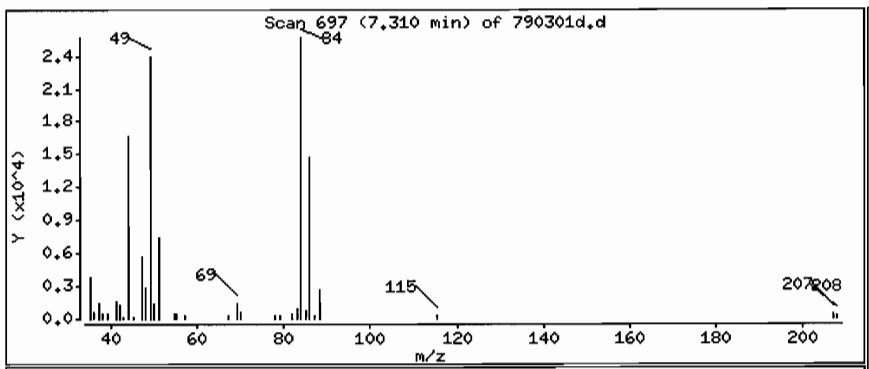
Operator: pad

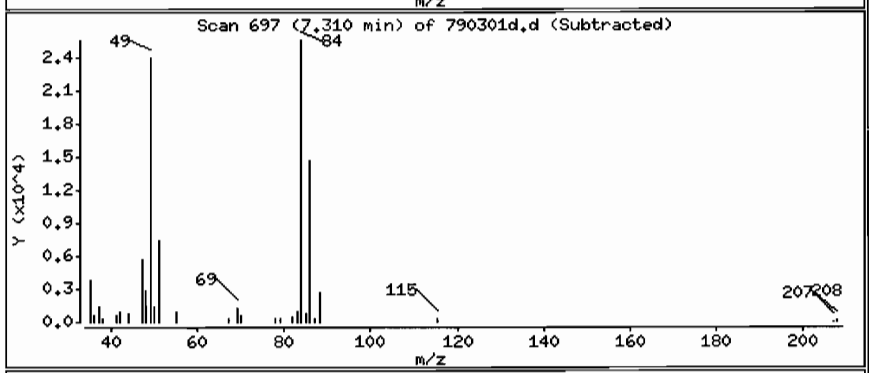
Column phase: RTX-624

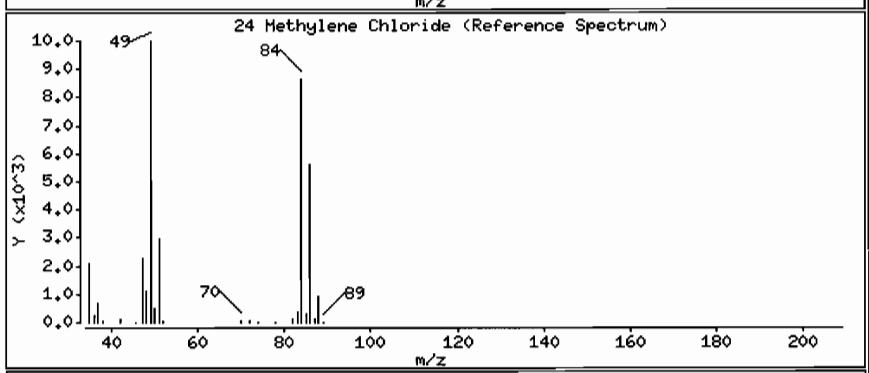
Column diameter: 0.32

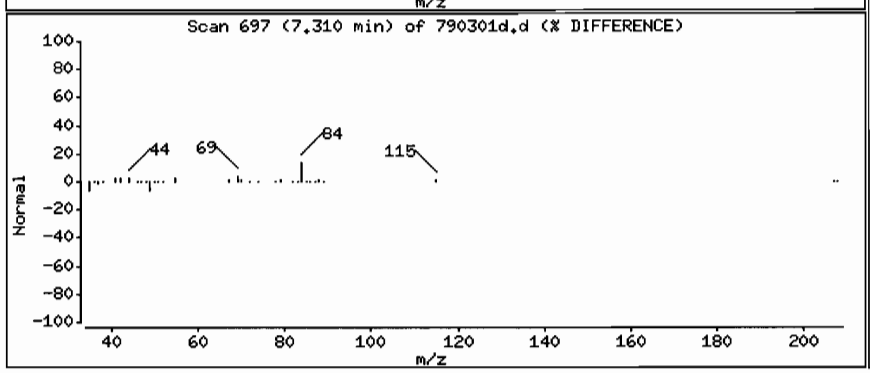
24 Methylene Chloride

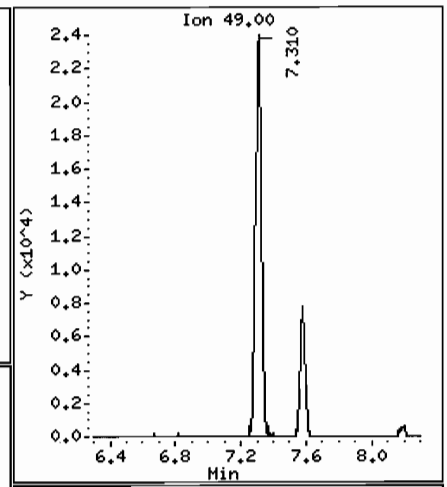
Concentration: 18 ppbv

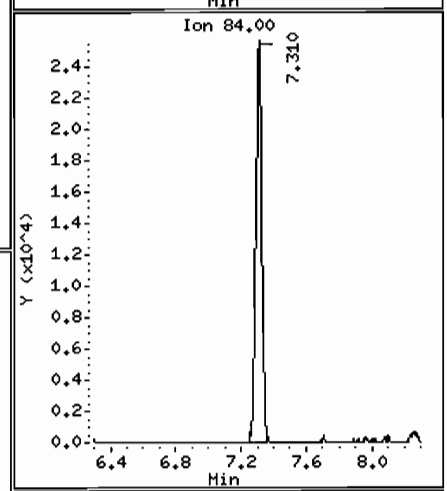


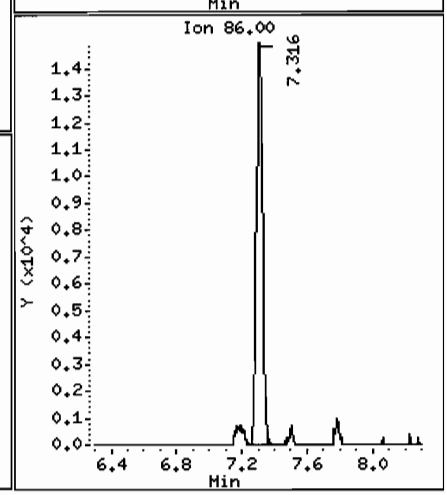












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)

Purge Volume: 20.0

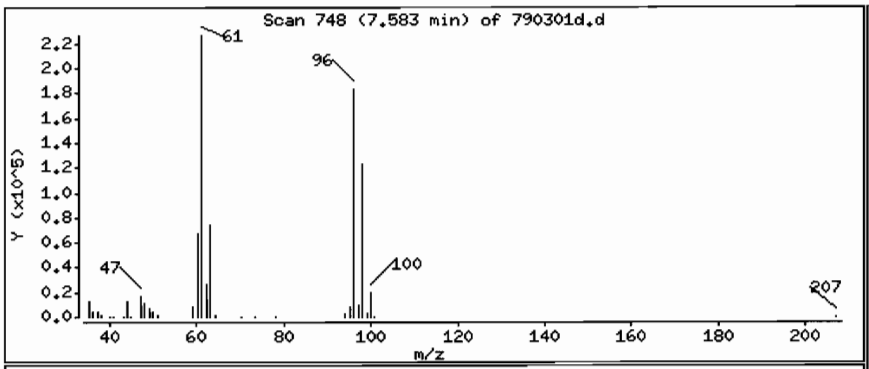
Operator: pad

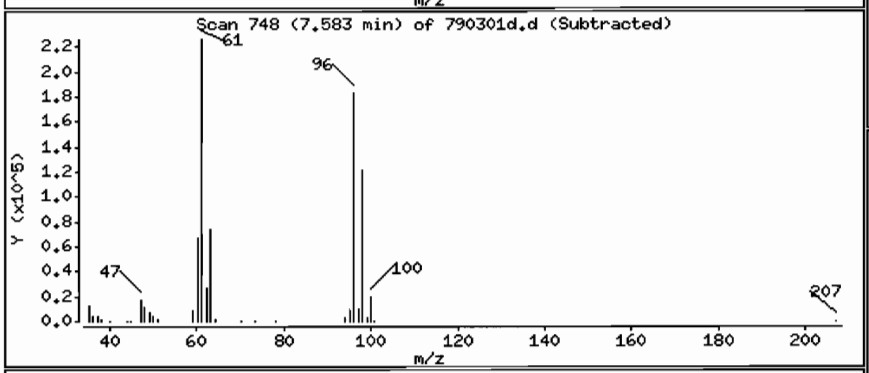
Column phase: RTX-624

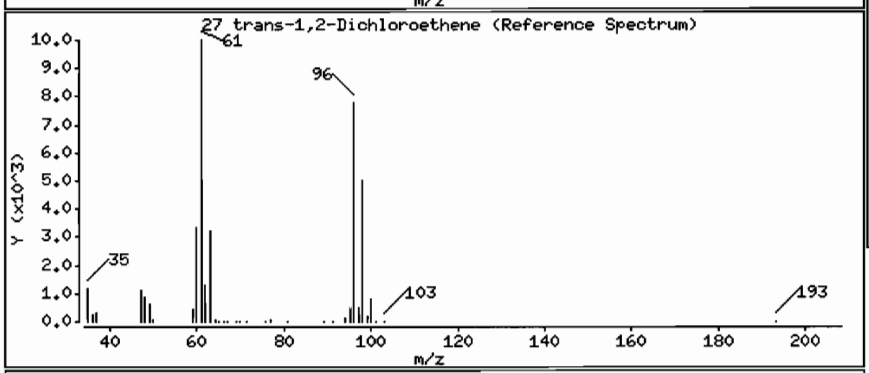
Column diameter: 0.32

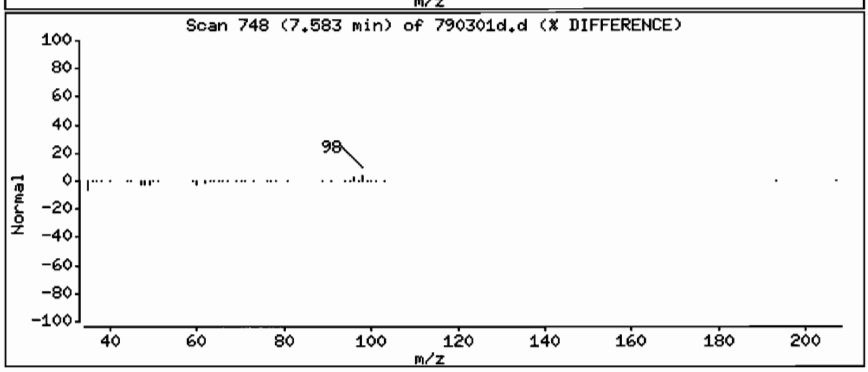
27 trans-1,2-Dichloroethene

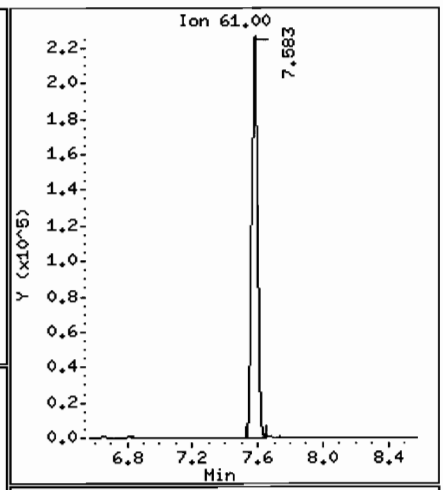
Concentration: 95 ppbv

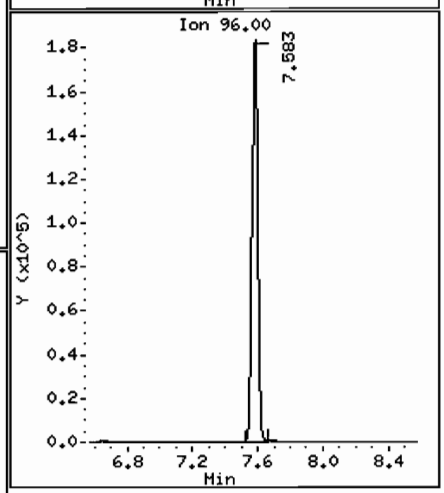












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)

Purge Volume: 20.0

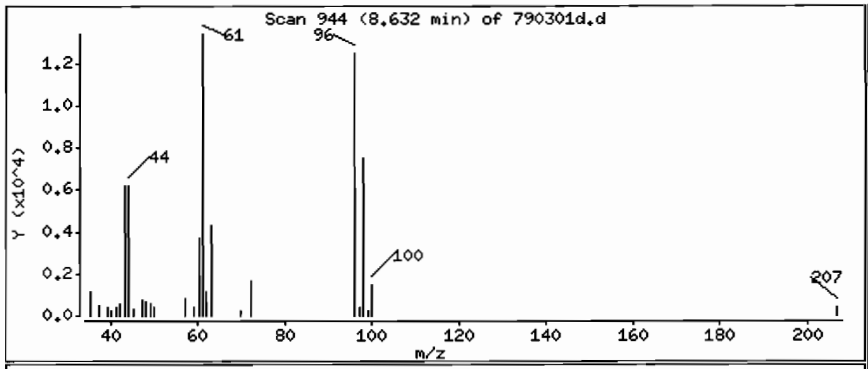
Operator: pad

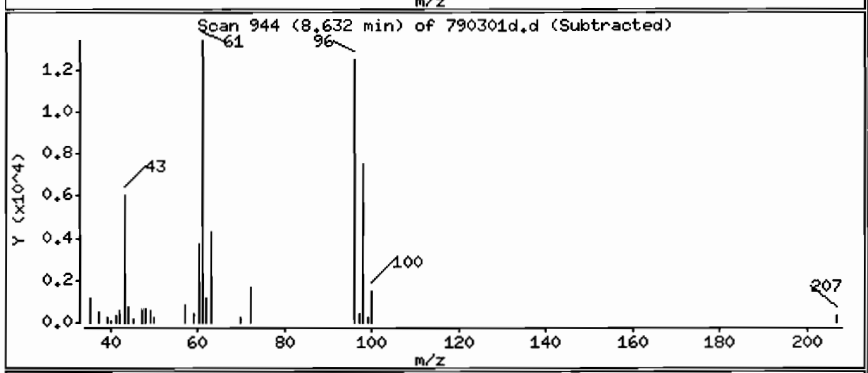
Column phase: RTX-624

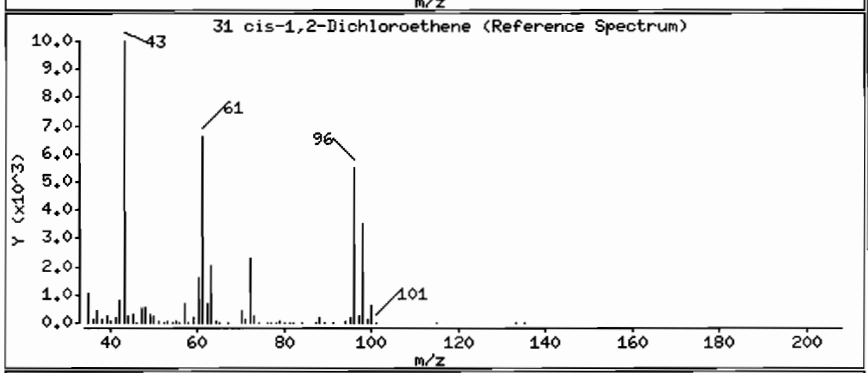
Column diameter: 0.32

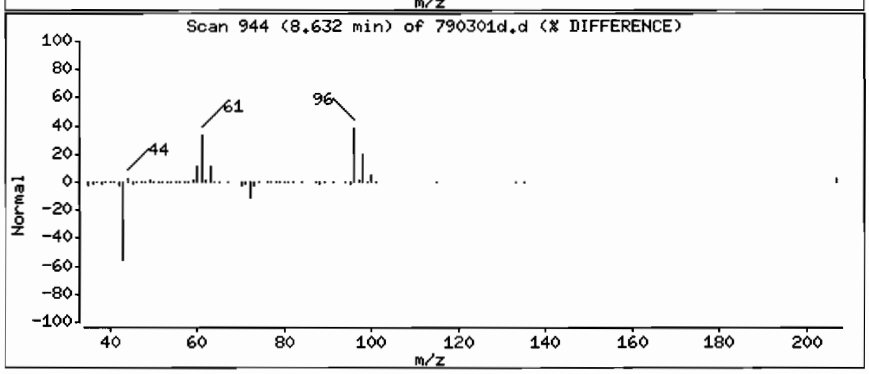
31 cis-1,2-Dichloroethene

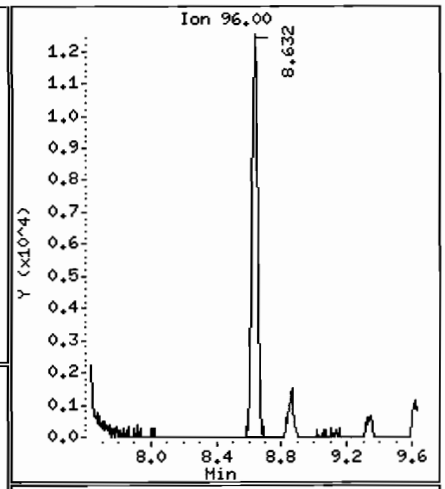
Concentration: 6.6 ppbv

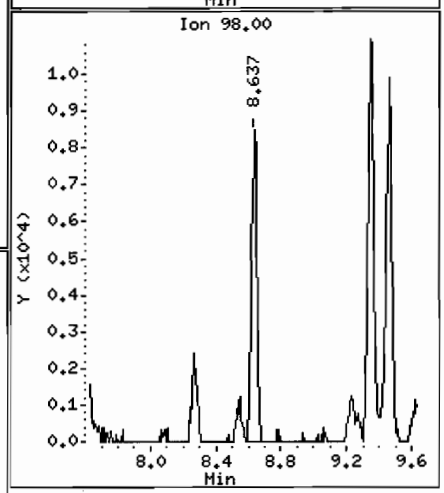












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)

Purge Volume: 20.0

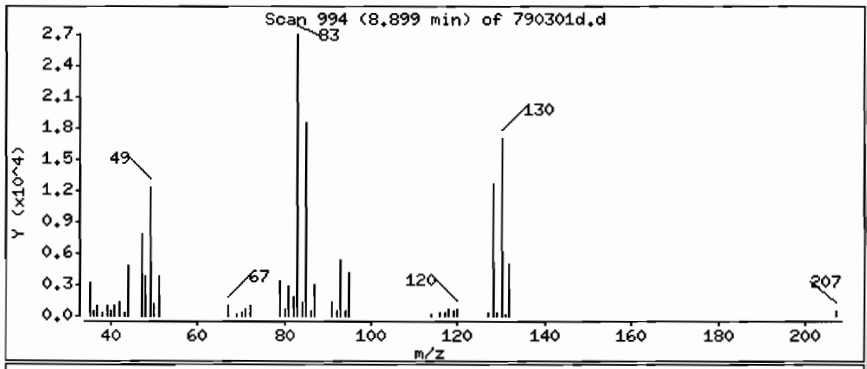
Operator: pad

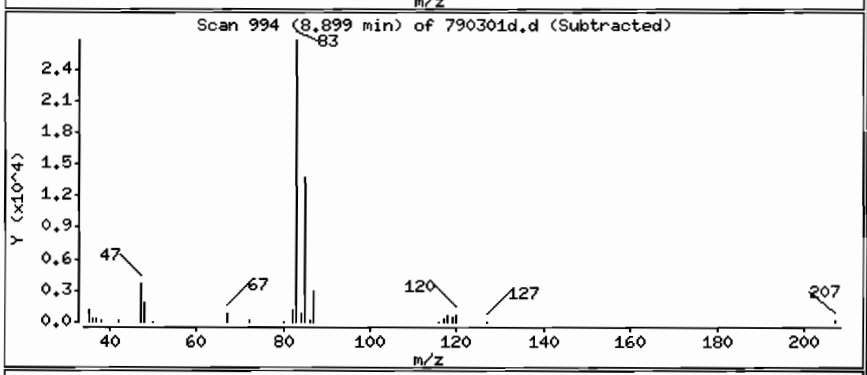
Column phase: RTX-624

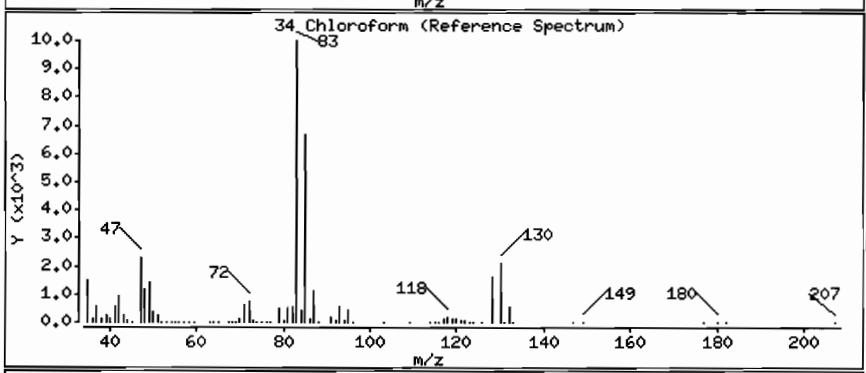
Column diameter: 0.32

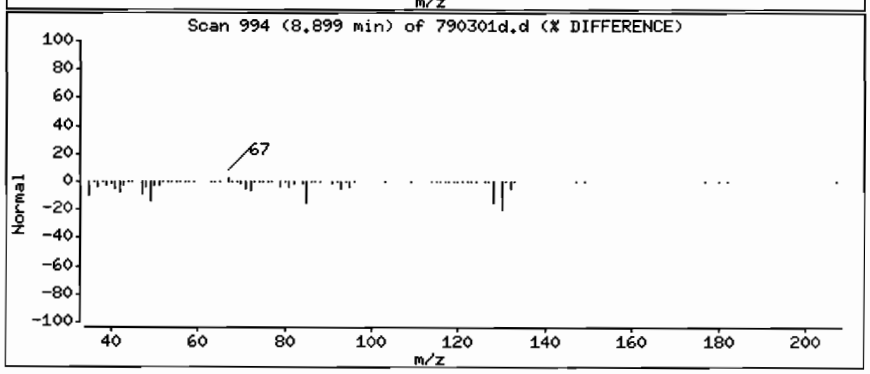
34 Chloroform

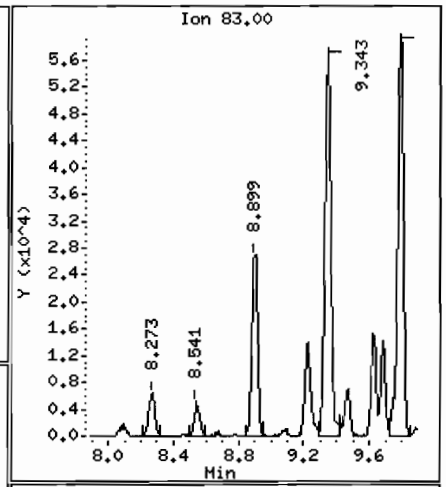
Concentration: 6.7 ppbv

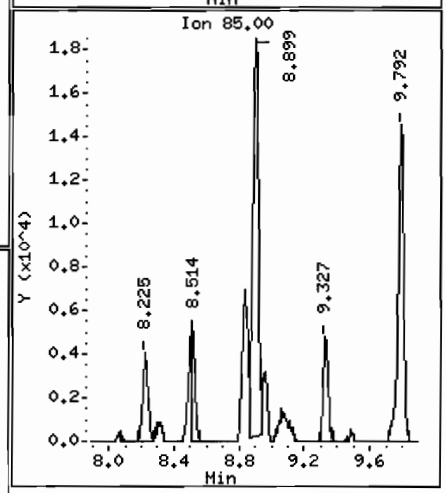












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)

Purge Volume: 20.0

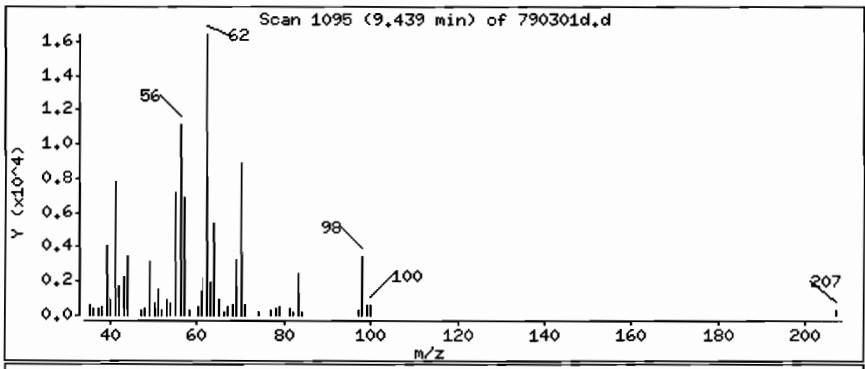
Operator: pad

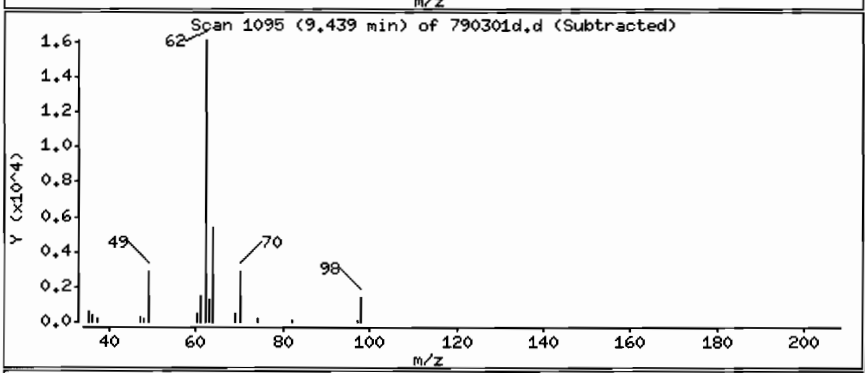
Column phase: RTX-624

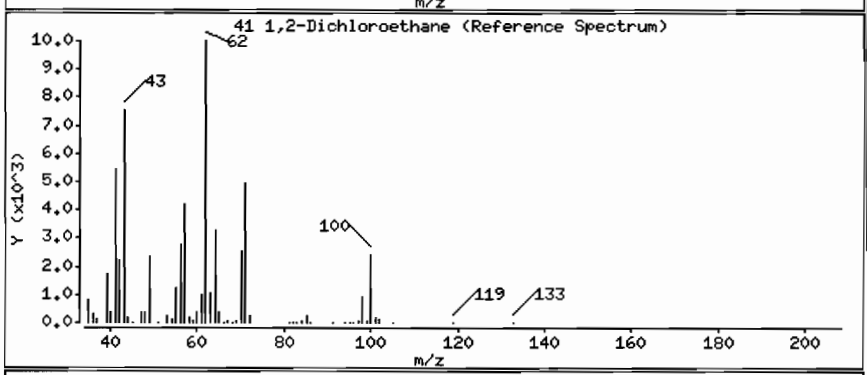
Column diameter: 0.32

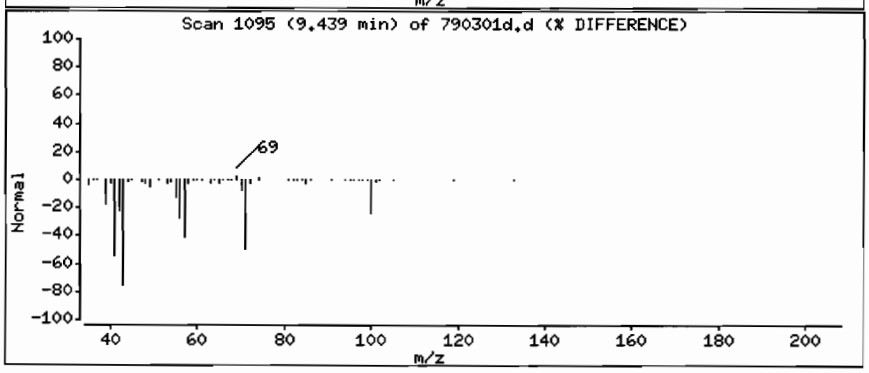
41 1,2-Dichloroethane

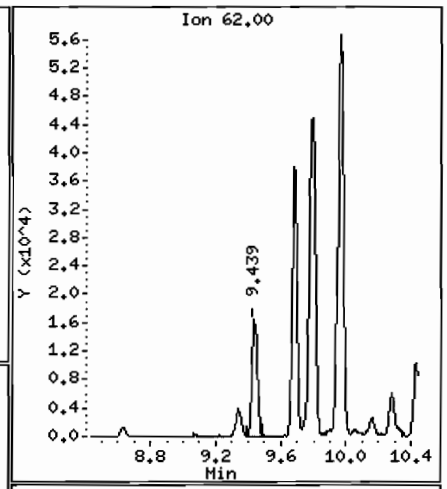
Concentration: 5.0 ppbv

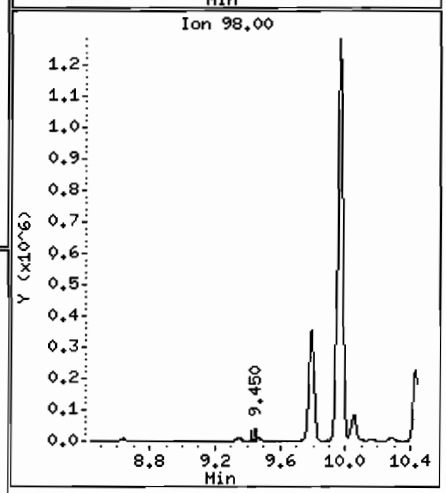












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d

Page 10

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)

Purge Volume: 20.0

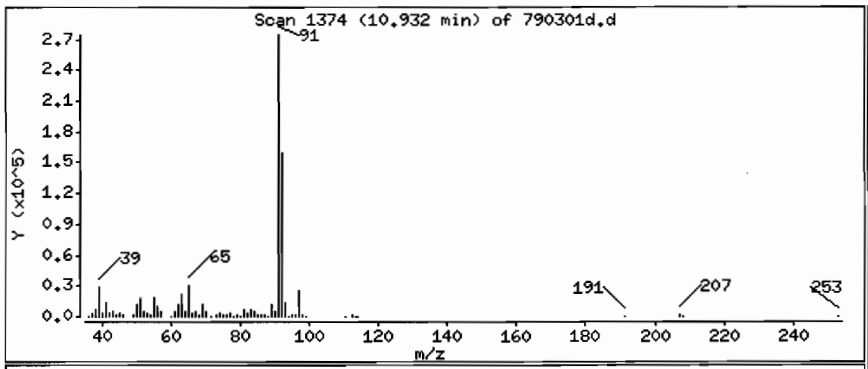
Operator: pad

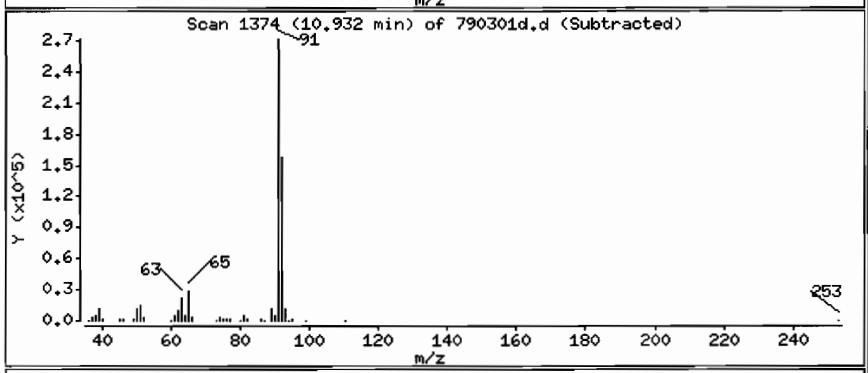
Column phase: RTX-624

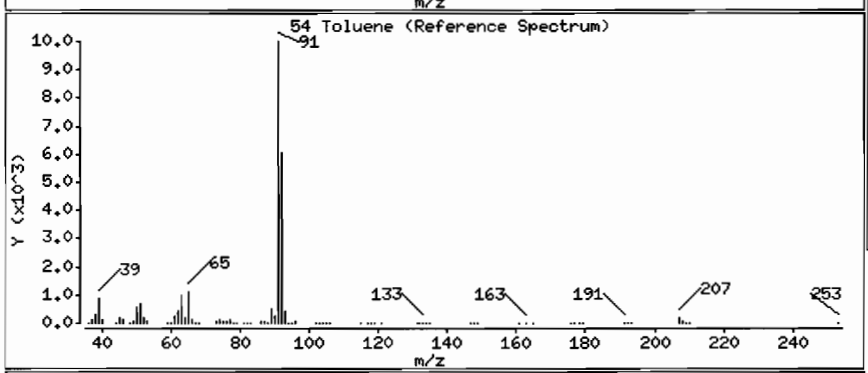
Column diameter: 0.32

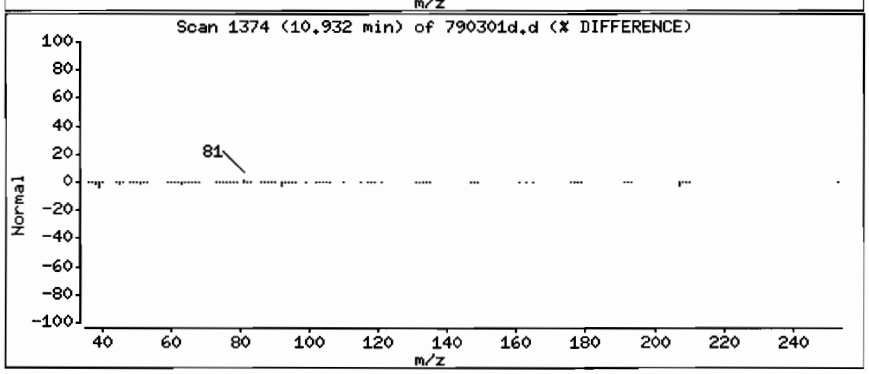
54 Toluene

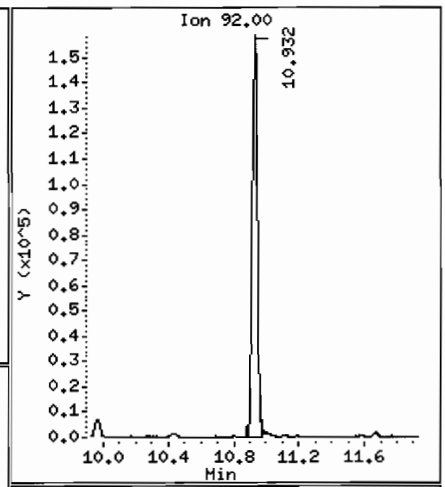
Concentration: 33 ppbv

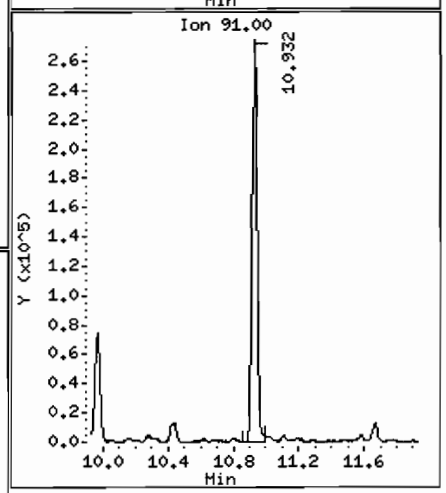












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[J03/24/09 @1458(AIR)

Purge Volume: 20.0

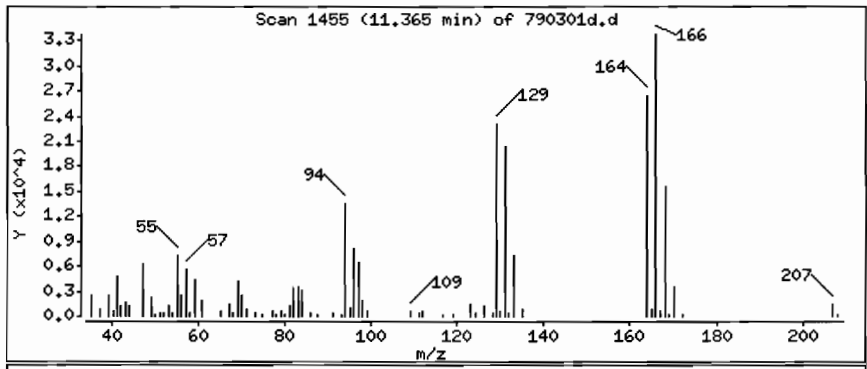
Operator: pad

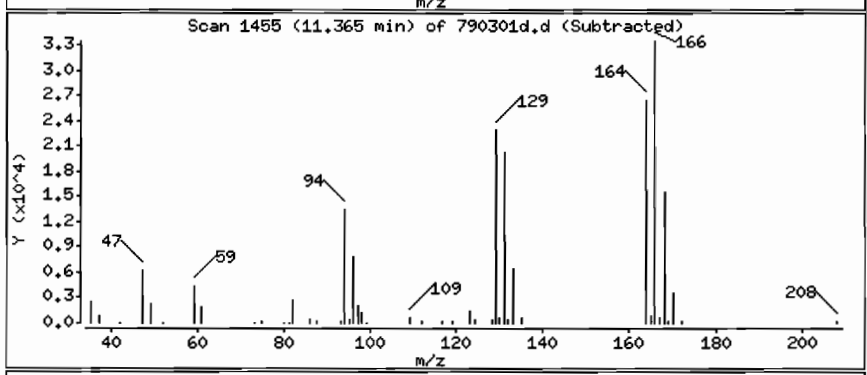
Column phase: RTX-624

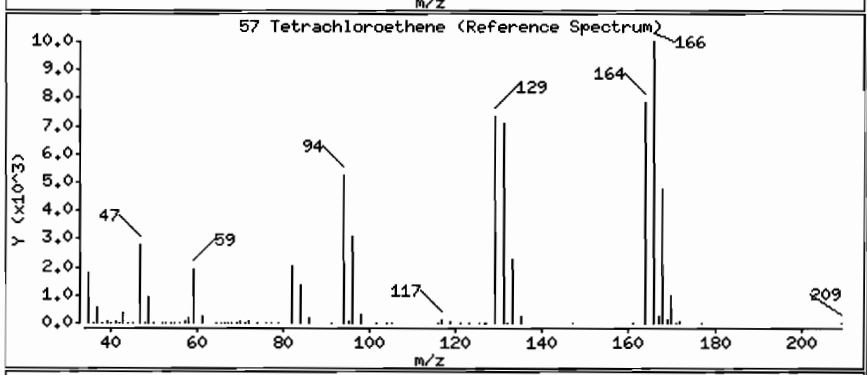
Column diameter: 0.32

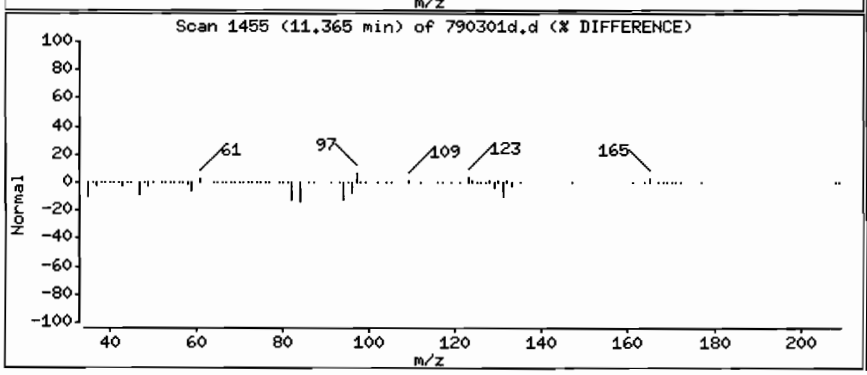
57 Tetrachloroethene

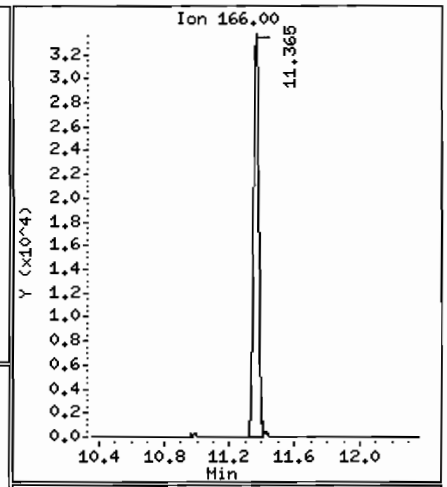
Concentration: 6.8 ppbv

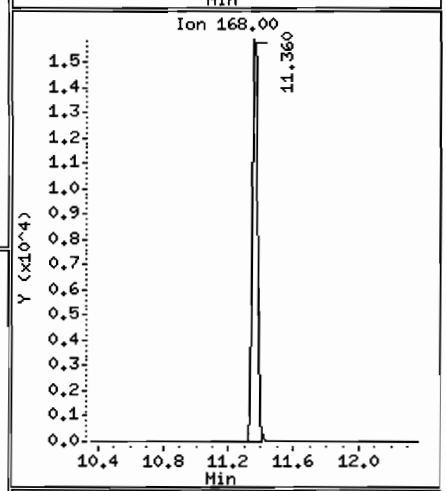


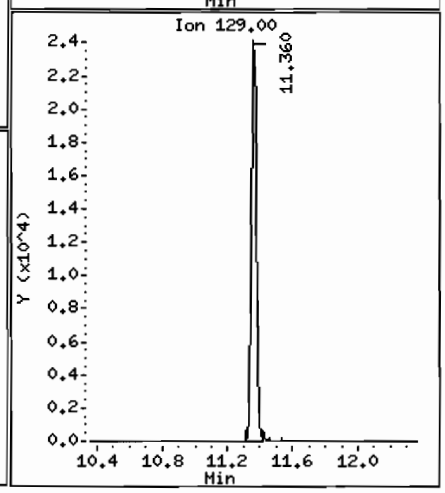












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)

Purge Volume: 20.0

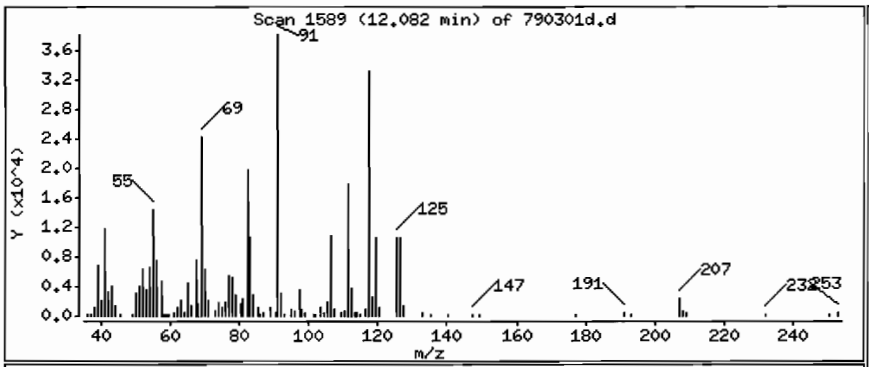
Operator: pad

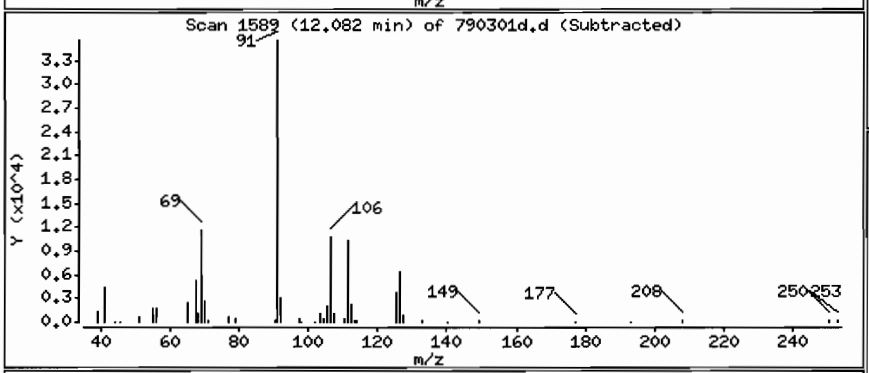
Column phase: RTX-624

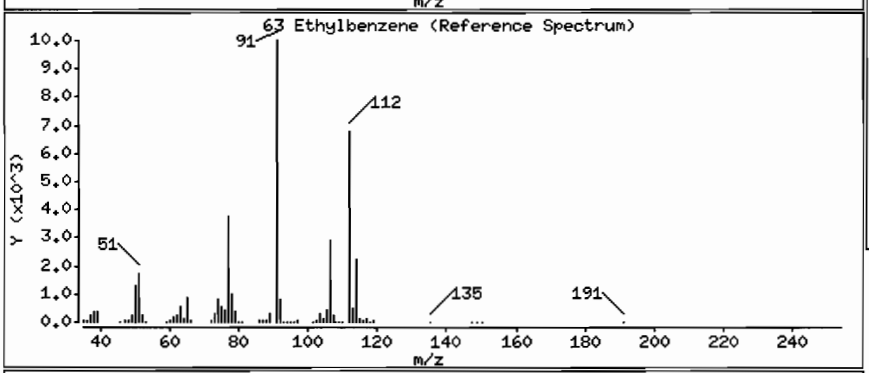
Column diameter: 0.32

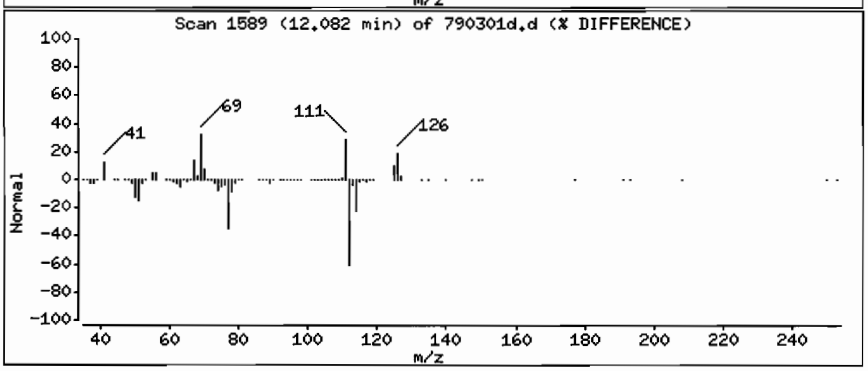
63 Ethylbenzene

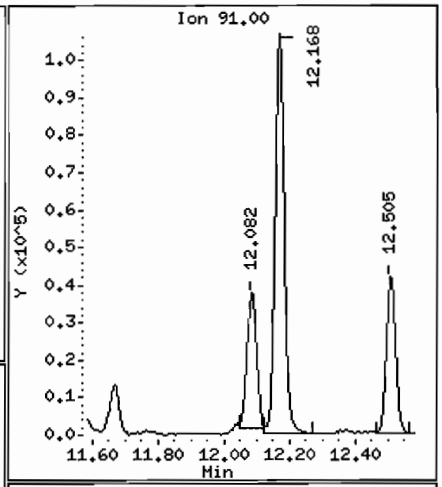
Concentration: 3.1 ppbv

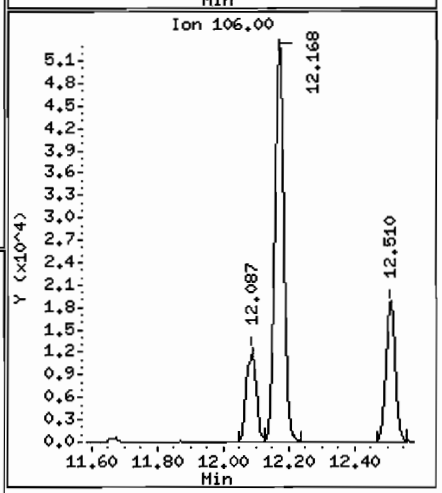












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)

Purge Volume: 20.0

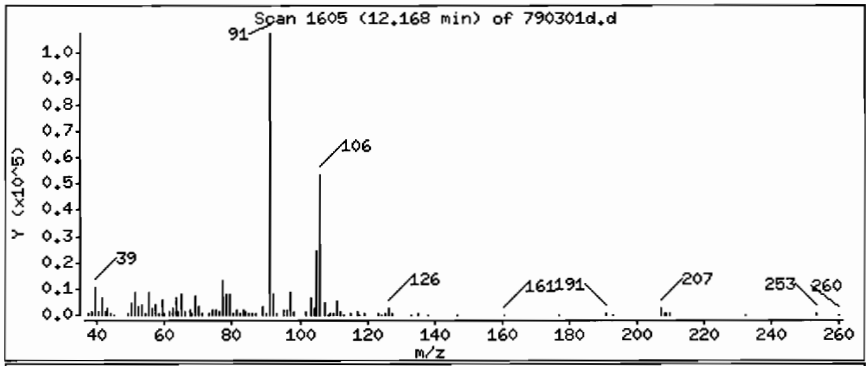
Operator: pad

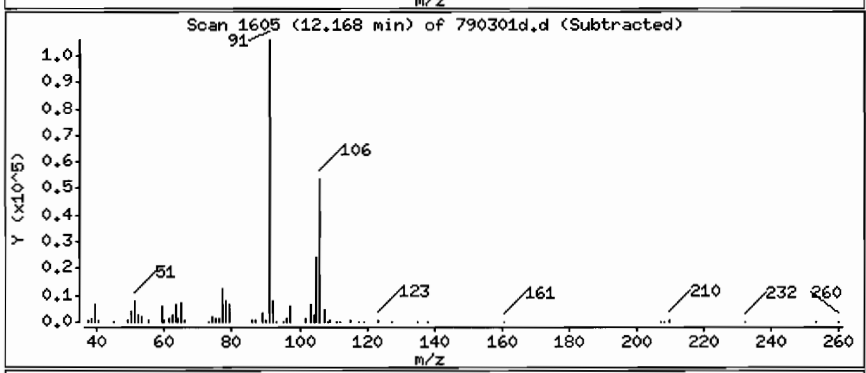
Column phase: RTX-624

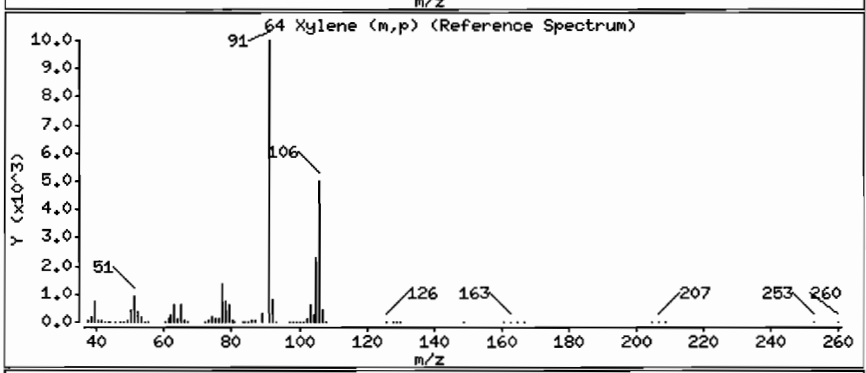
Column diameter: 0.32

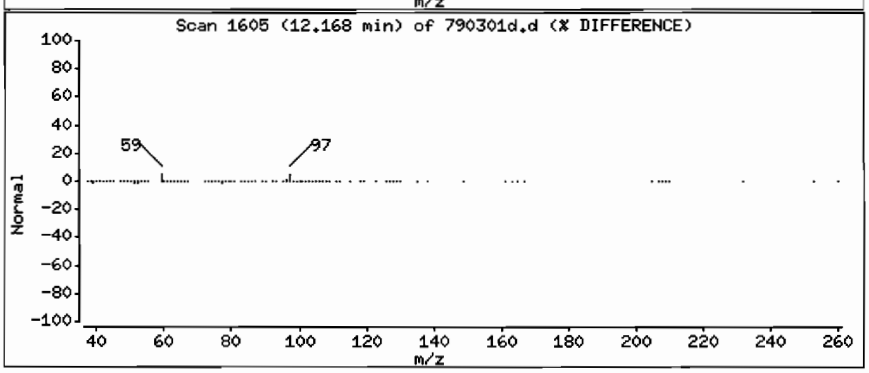
64 Xylene (m,p)

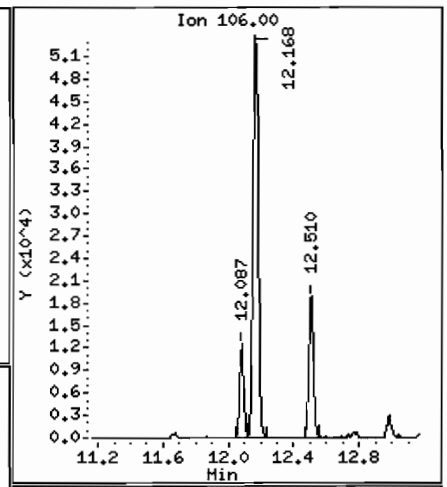
Concentration: 12 ppbv

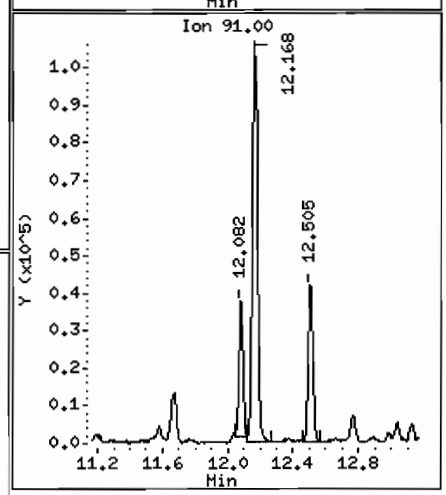












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790301d.d

Date : 02-APR-2009 23:58

Client ID: 24VP-30V2

Instrument: F.i

Sample Info: 20090324VP-30V2 :[ ]03/24/09 @1458(AIR)

Purge Volume: 20.0

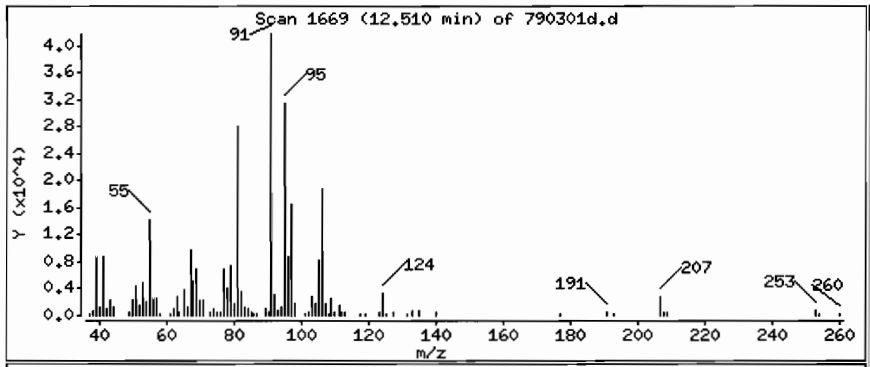
Operator: pad

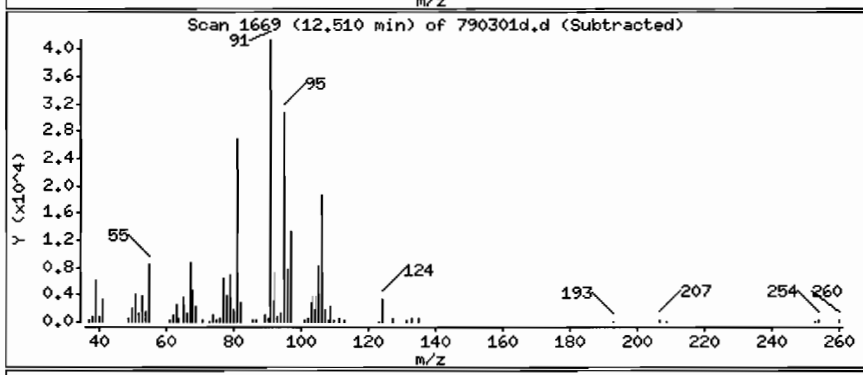
Column phase: RTX-624

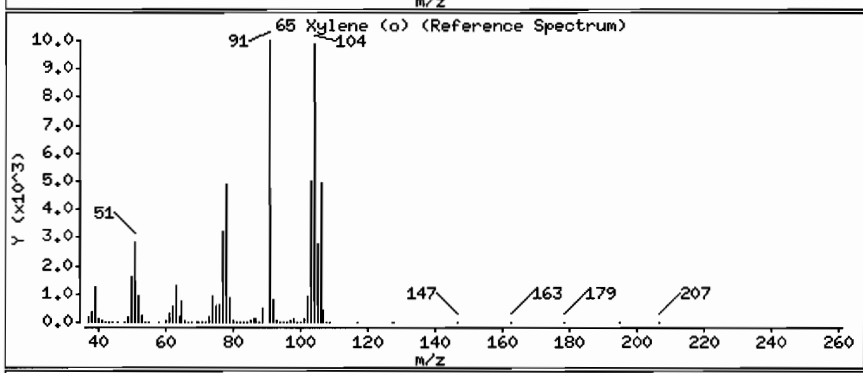
Column diameter: 0.32

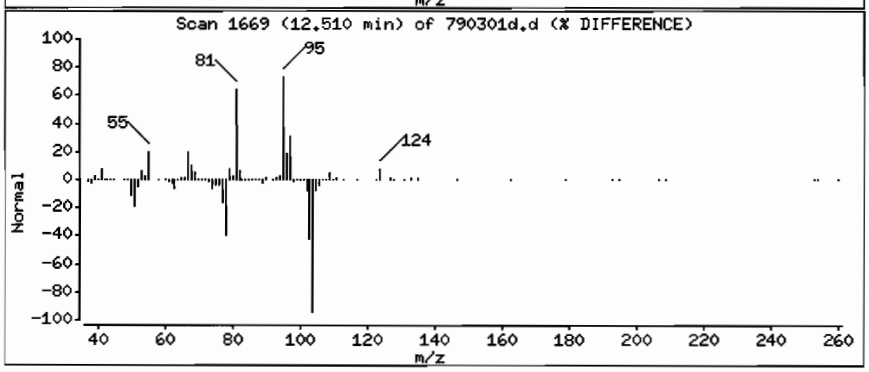
65 Xylene (o)

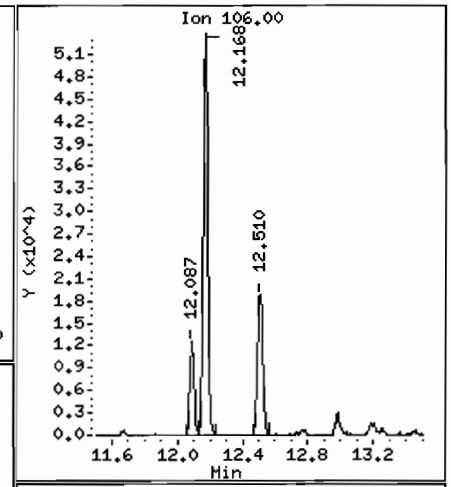
Concentration: 4.6 ppbv

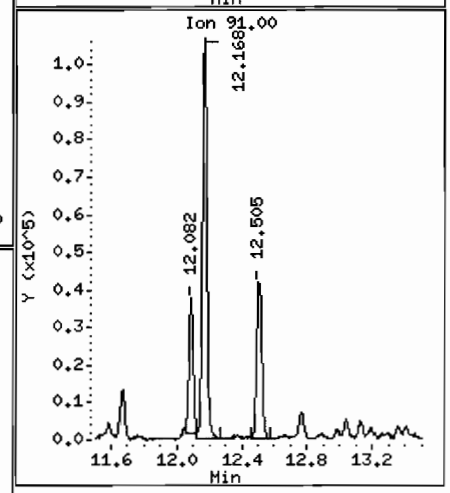










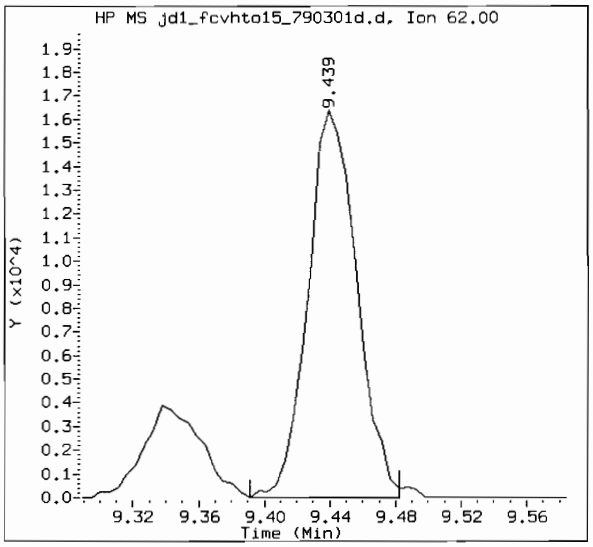


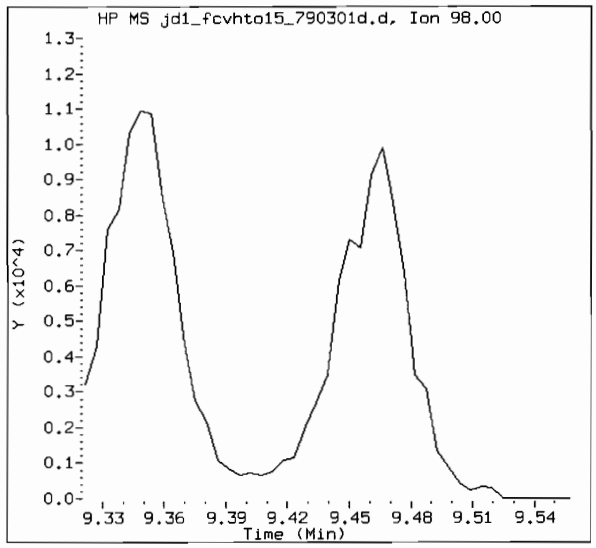
MANUAL INTEGRATION REPORT

Data File Name: 790301d.d
Client Sample ID: 24VP-30V2
Compound Name: 1,2-Dichloroethane

Inj. Date and Time: 02-APR-2009 23:58
Instrument ID: F.i
CAS #: 107-06-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:34

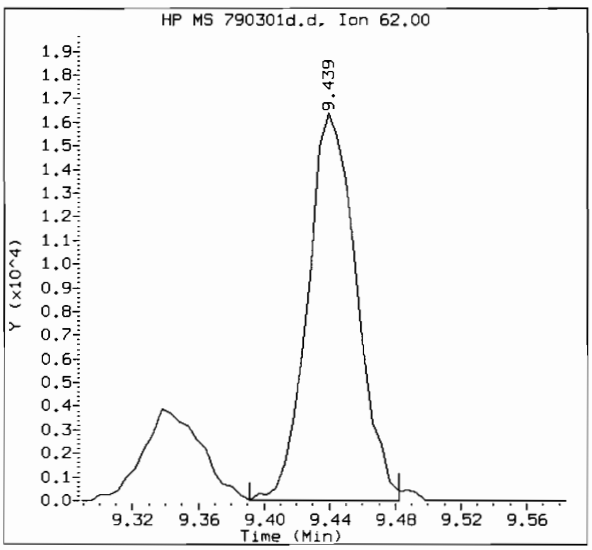


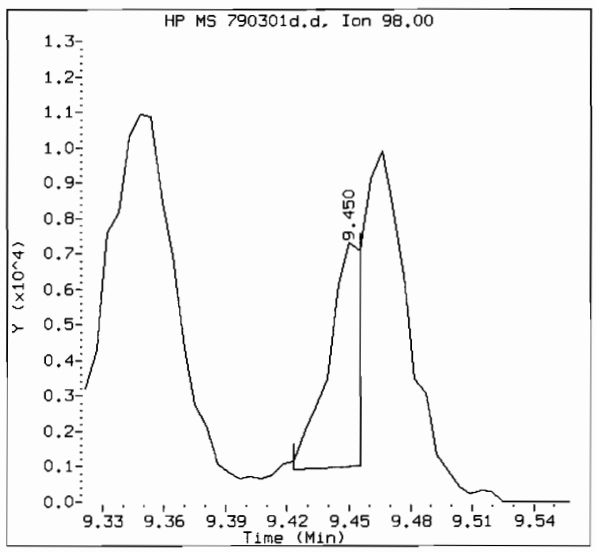


Original Integrations:

Area = 33853

Area = 813509





Final Integrations:

Area = 33853

Area = 7442

Manual Integration Reason: MI2 - Peak missed

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-36V7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790303

Sample wt/vol: 17.00 (g/mL) ML Lab File ID: 790303D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 7760.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	3900	U
75-01-4	Vinyl Chloride	1600	U
74-83-9	Bromomethane	1600	U
75-00-3	Chloroethane	3900	U
75-35-4	1,1-Dichloroethene	1600	U
67-64-1	Acetone	39000	U
75-15-0	Carbon Disulfide	3900	U
75-09-2	Methylene Chloride	3900	U
156-60-5	trans-1,2-Dichloroethene	1600	U
75-34-3	1,1-Dichloroethane	1600	U
78-93-3	Methyl Ethyl Ketone	3900	U
156-59-2	cis-1,2-Dichloroethene	1600	U
67-66-3	Chloroform	1600	U
71-55-6	1,1,1-Trichloroethane	1600	U
56-23-5	Carbon Tetrachloride	1600	U
71-43-2	Benzene	1600	U
107-06-2	1,2-Dichloroethane	1600	U
79-01-6	Trichloroethene	1600	U
78-87-5	1,2-Dichloropropane	1600	U
75-27-4	Bromodichloromethane	1600	U
10061-01-5	cis-1,3-Dichloropropene	1600	U
108-10-1	Methyl Isobutyl Ketone	3900	U
108-88-3	Toluene	230000	
10061-02-6	trans-1,3-Dichloropropene	1600	U
79-00-5	1,1,2-Trichloroethane	1600	U
127-18-4	Tetrachloroethene	1600	U
591-78-6	Methyl Butyl Ketone	3900	U
124-48-1	Dibromochloromethane	1600	U
108-90-7	Chlorobenzene	1600	U
100-41-4	Ethylbenzene	200000	
1330-20-7	Xylene (m,p)	380000	
95-47-6	Xylene (o)	57000	
100-42-5	Styrene	1600	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-36V7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790303

Sample wt/vol: 17.00 (g/mL) ML Lab File ID: 790303D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 7760.0

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

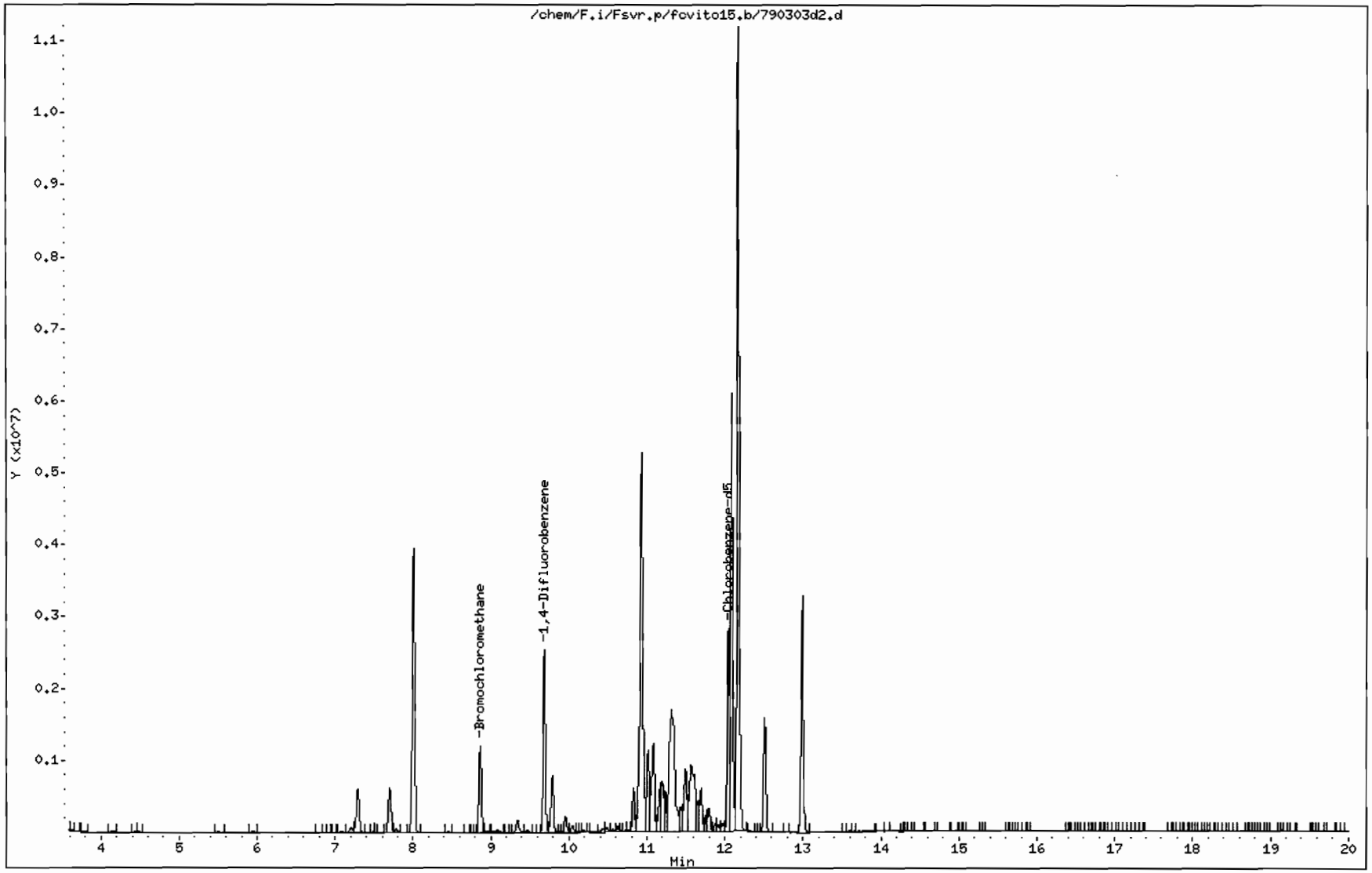
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	1600	U
79-34-5	1,1,2,2-Tetrachloroethane	1600	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvito15.b/790303d2.d
Date : 04-APR-2009 19:04
Client ID: 24VP-36V7
Sample Info: 20090324VP-36V7 :[103/24/09 @1545(AIR)
Purge Volume: 17.0
Column phase: RTX-624

Page 3

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvito15.b/790303d2.d
Lab Smp Id: 790303 Client Smp ID: 24VP-36V7
Inj Date : 04-APR-2009 19:04
Operator : njr Inst ID: F.i
Smp Info : 20090324VP-36V7 :[ ]03/24/09 @1545(AIR)
Misc Info : 790303;040409FA;7740;17;cdf658
Comment :
Method : /chem/F.i/Fsvr.p/fcvito15.b/sto15.m
Meth Date : 14-Apr-2009 20:38 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 12
Dil Factor: 7760.00000
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	7760.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	17.00000	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	8.867	8.861	(1.000)	443910	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	9.685	9.685	(1.000)	2337670	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	10.926	10.926	(0.907)	2594570	29.5119	230000
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	12.045	12.039	(1.000)	2010923	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.087	12.082	(1.004)	5198768	26.0270	200000
64 Xylene (m,p)	106	12.168	12.168	(1.010)	3932475	48.7963	380000
65 Xylene (o)	106	12.510	12.505	(1.039)	562712	7.33268	57000
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/F.i/Fsvr.p/fcvito15.b/790303d2.d

Date : 04-APR-2009 19:04

Client ID: 24VP-36V7

Instrument: F.i

Sample Info: 20090324VP-36V7 :[103/24/09 @1545(AIR)

Purge Volume: 17.0

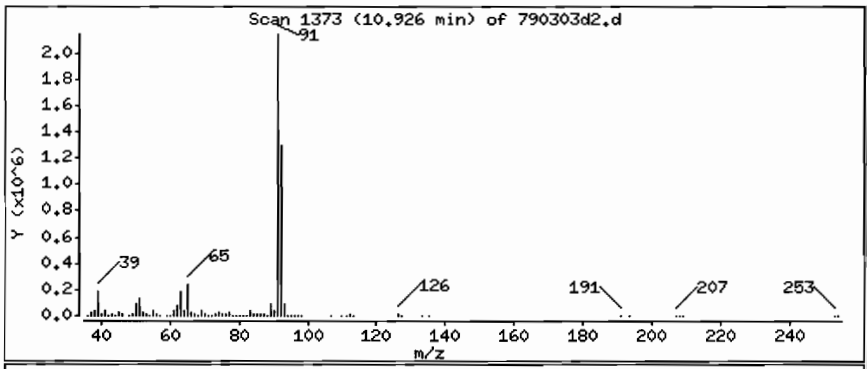
Operator: njr

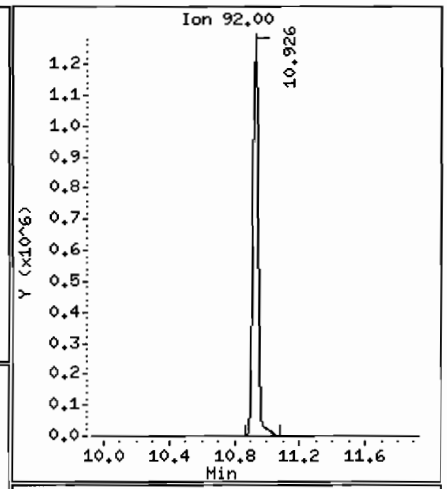
Column phase: RTX-624

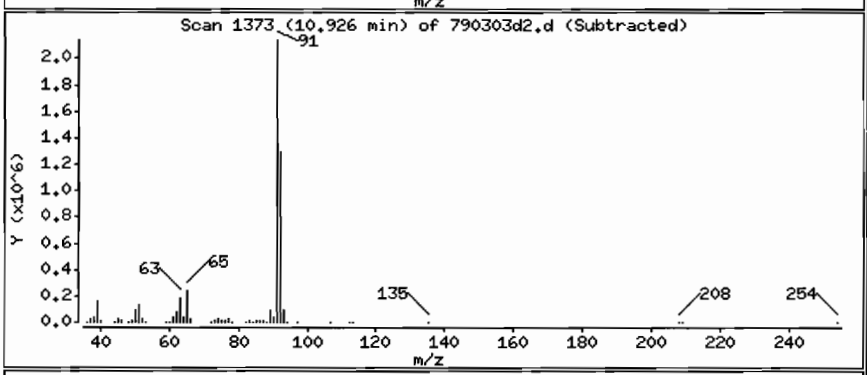
Column diameter: 0.32

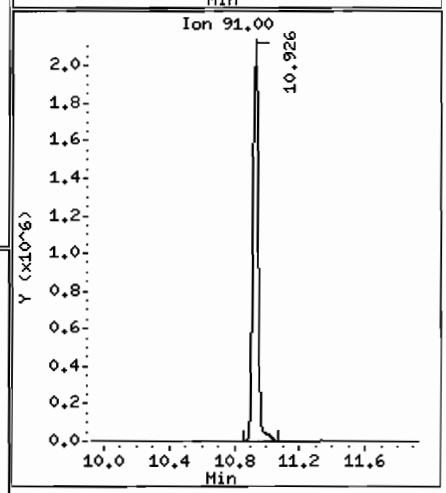
54 Toluene

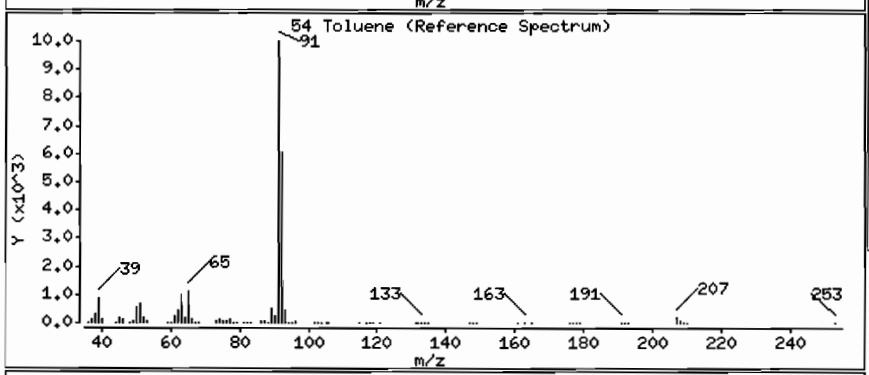
Concentration: 230000 ppbv

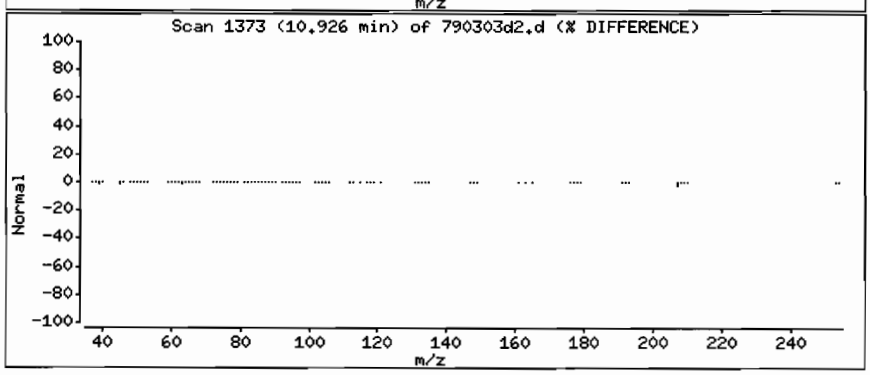












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790303d2.d

Date : 04-APR-2009 19:04

Client ID: 24VP-36V7

Instrument: F.i

Sample Info: 20090324VP-36V7 :[ ]03/24/09 @1545(AIR)

Purge Volume: 17.0

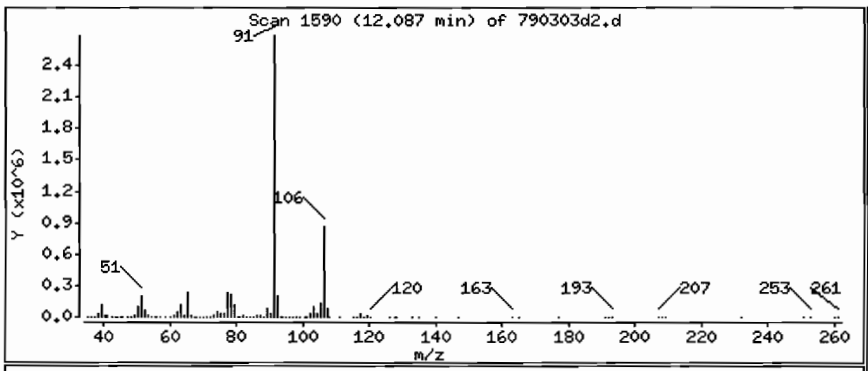
Operator: njr

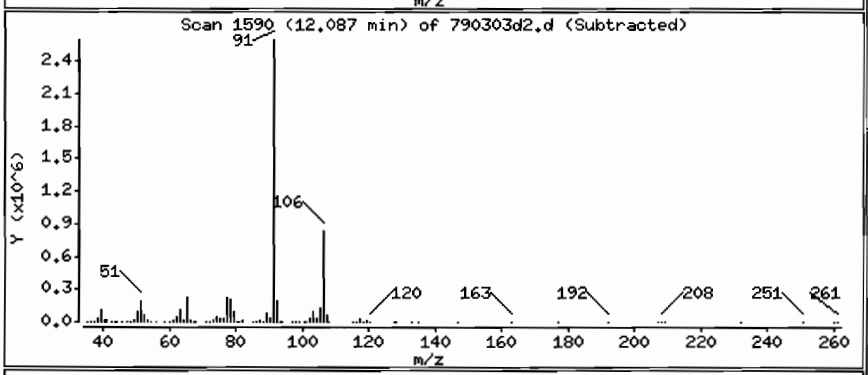
Column phase: RTX-624

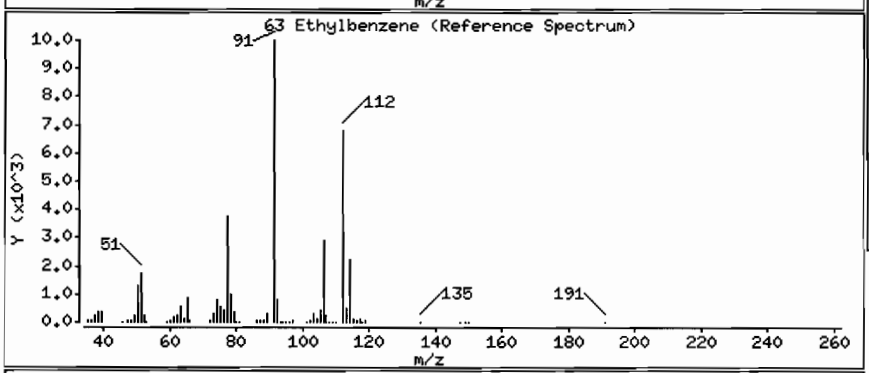
Column diameter: 0.32

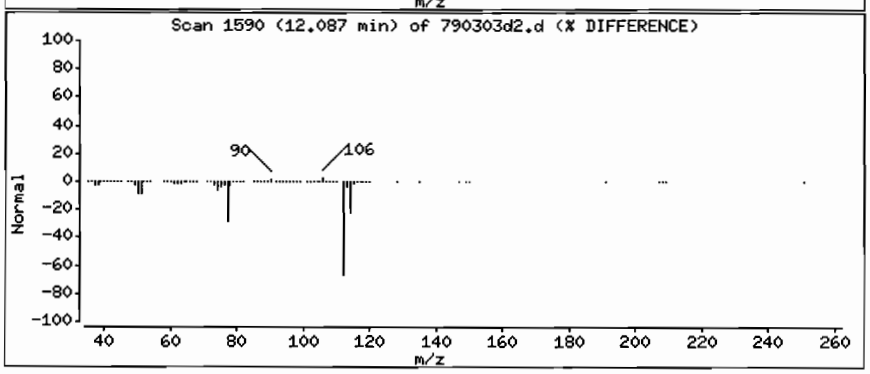
63 Ethylbenzene

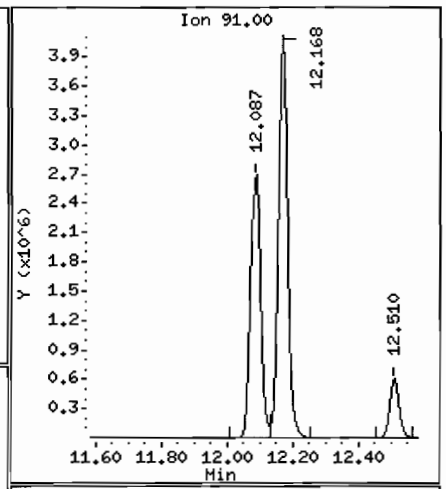
Concentration: 200000 ppbv

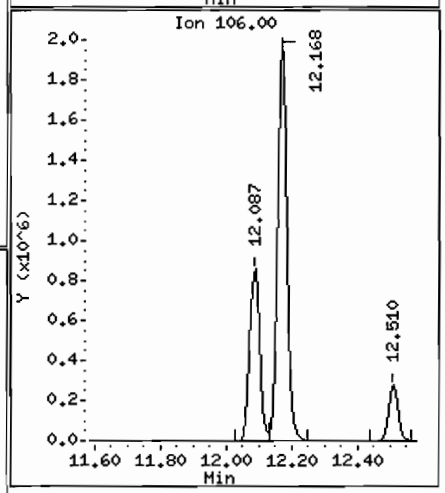












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790303d2.d

Date : 04-APR-2009 19:04

Client ID: 24VP-36V7

Instrument: F.i

Sample Info: 20090324VP-36V7 :[103/24/09 @1545(AIR)

Purge Volume: 17.0

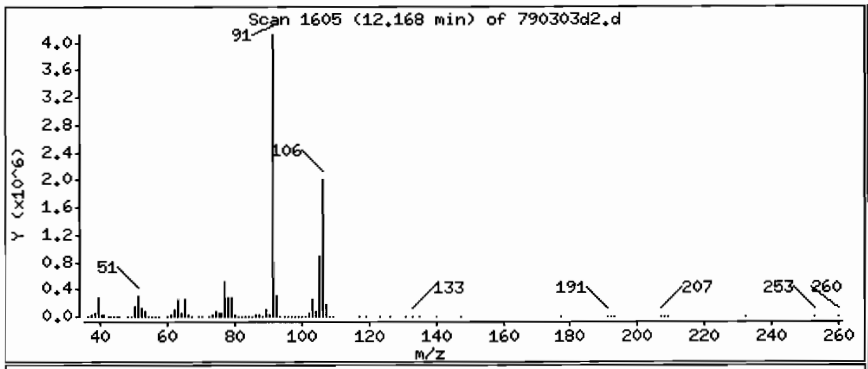
Operator: njr

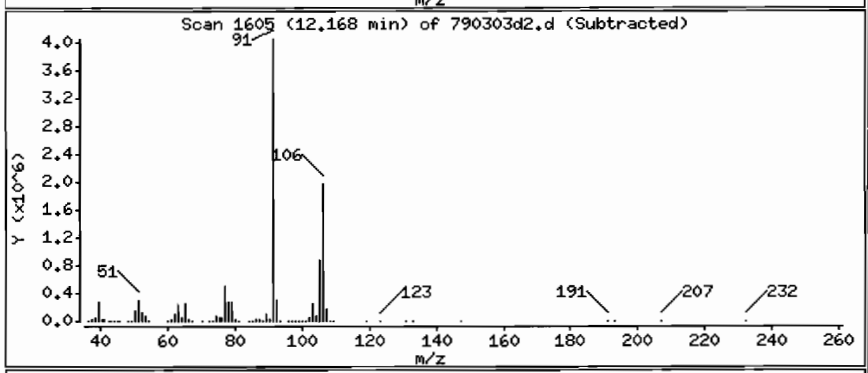
Column phase: RTX-624

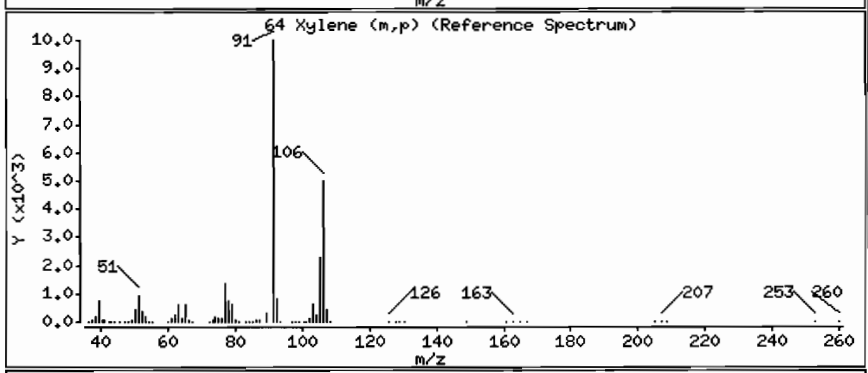
Column diameter: 0.32

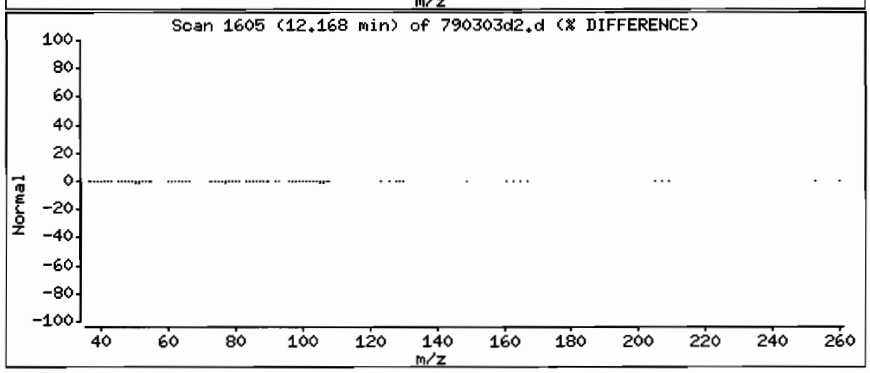
64 Xylene (m,p)

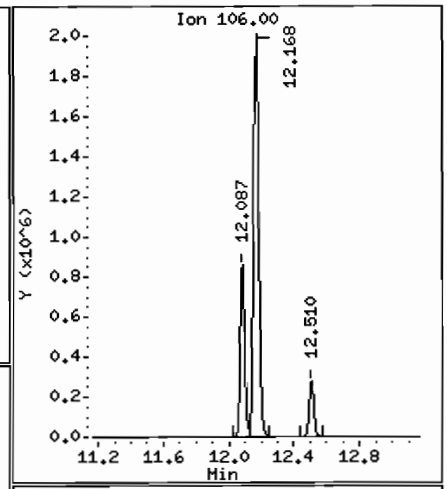
Concentration: 380000 ppbv

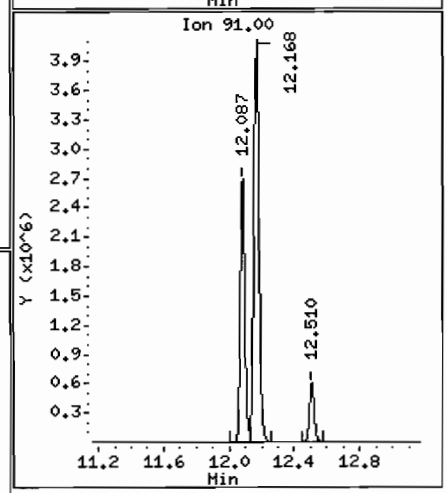












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790303d2.d

Date : 04-APR-2009 19:04

Client ID: 24VP-36V7

Instrument: F.i

Sample Info: 20090324VP-36V7 :[ ]03/24/09 @1545(AIR)

Purge Volume: 17.0

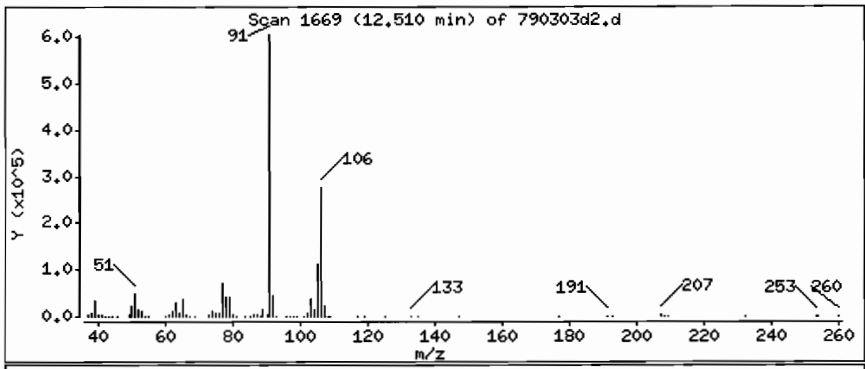
Operator: njr

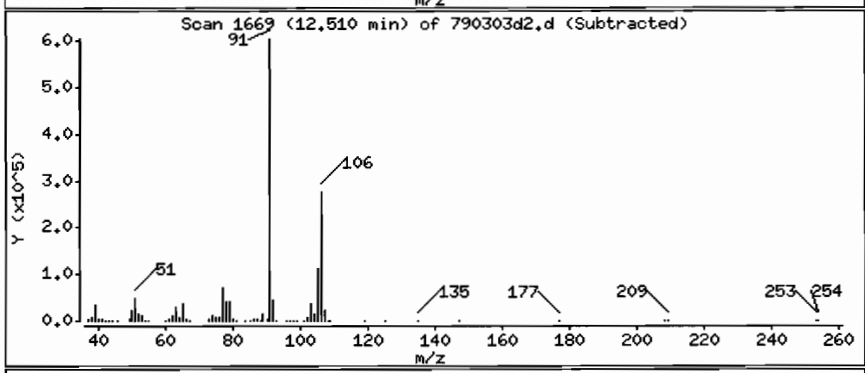
Column phase: RTX-624

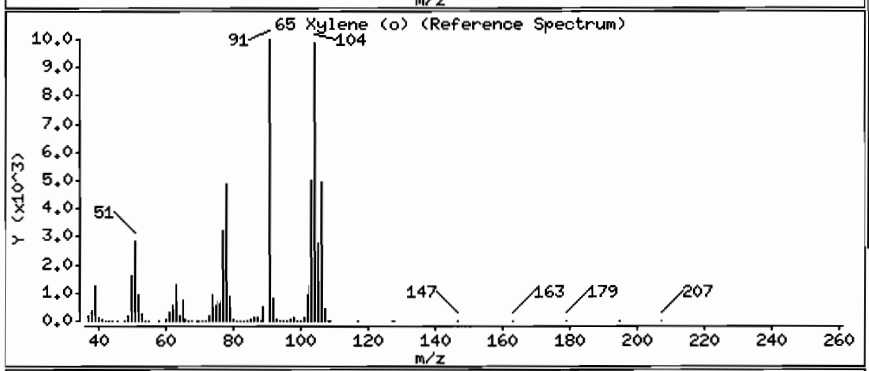
Column diameter: 0.32

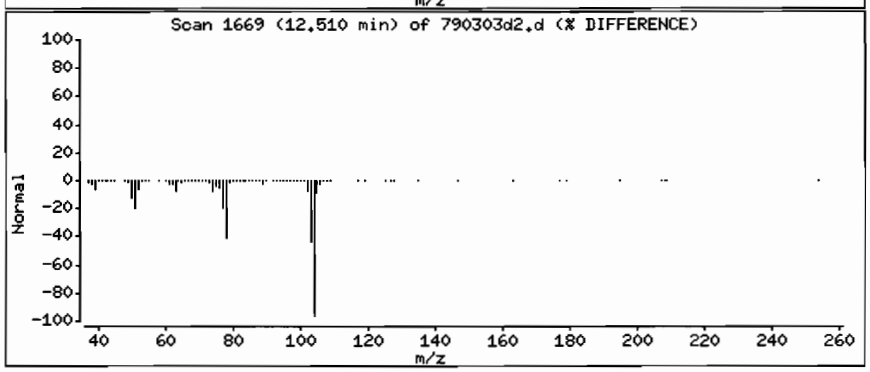
65 Xylene (o)

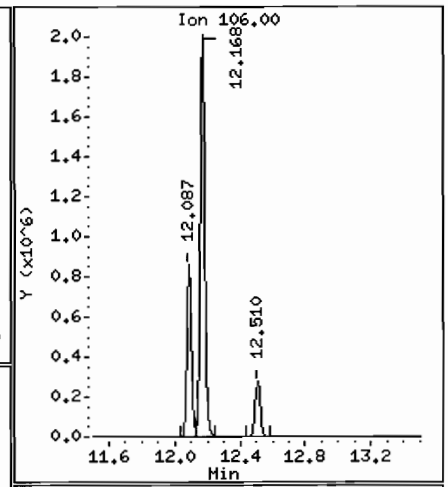
Concentration: 57000 ppbv

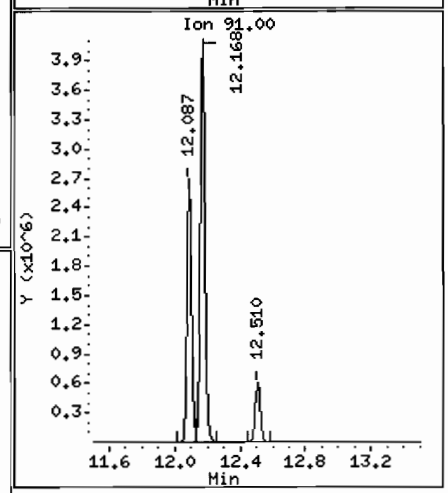












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25FD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790306

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 790306D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 341.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	170	U
75-01-4	Vinyl Chloride	71	
74-83-9	Bromomethane	68	U
75-00-3	Chloroethane	170	U
75-35-4	1,1-Dichloroethene	68	U
67-64-1	Acetone	1700	U
75-15-0	Carbon Disulfide	170	U
75-09-2	Methylene Chloride	170	U
156-60-5	trans-1,2-Dichloroethene	68	U
75-34-3	1,1-Dichloroethane	68	U
78-93-3	Methyl Ethyl Ketone	170	U
156-59-2	cis-1,2-Dichloroethene	68	U
67-66-3	Chloroform	68	U
71-55-6	1,1,1-Trichloroethane	68	U
56-23-5	Carbon Tetrachloride	68	U
71-43-2	Benzene	120	
107-06-2	1,2-Dichloroethane	68	U
79-01-6	Trichloroethene	68	U
78-87-5	1,2-Dichloropropane	68	U
75-27-4	Bromodichloromethane	68	U
10061-01-5	cis-1,3-Dichloropropene	68	U
108-10-1	Methyl Isobutyl Ketone	170	U
108-88-3	Toluene	68	U
10061-02-6	trans-1,3-Dichloropropene	68	U
79-00-5	1,1,2-Trichloroethane	68	U
127-18-4	Tetrachloroethene	68	U
591-78-6	Methyl Butyl Ketone	170	U
124-48-1	Dibromochloromethane	68	U
108-90-7	Chlorobenzene	68	U
100-41-4	Ethylbenzene	330	
1330-20-7	Xylene (m,p)	630	
95-47-6	Xylene (o)	68	U
100-42-5	Styrene	68	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25FD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790306

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 790306D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 341.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	68	U
79-34-5	1,1,2,2-Tetrachloroethane	68	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvito15.b/790306d.d

Page 3

Date : 04-APR-2009 13:13

Client ID: 25FD

Instrument: F.i

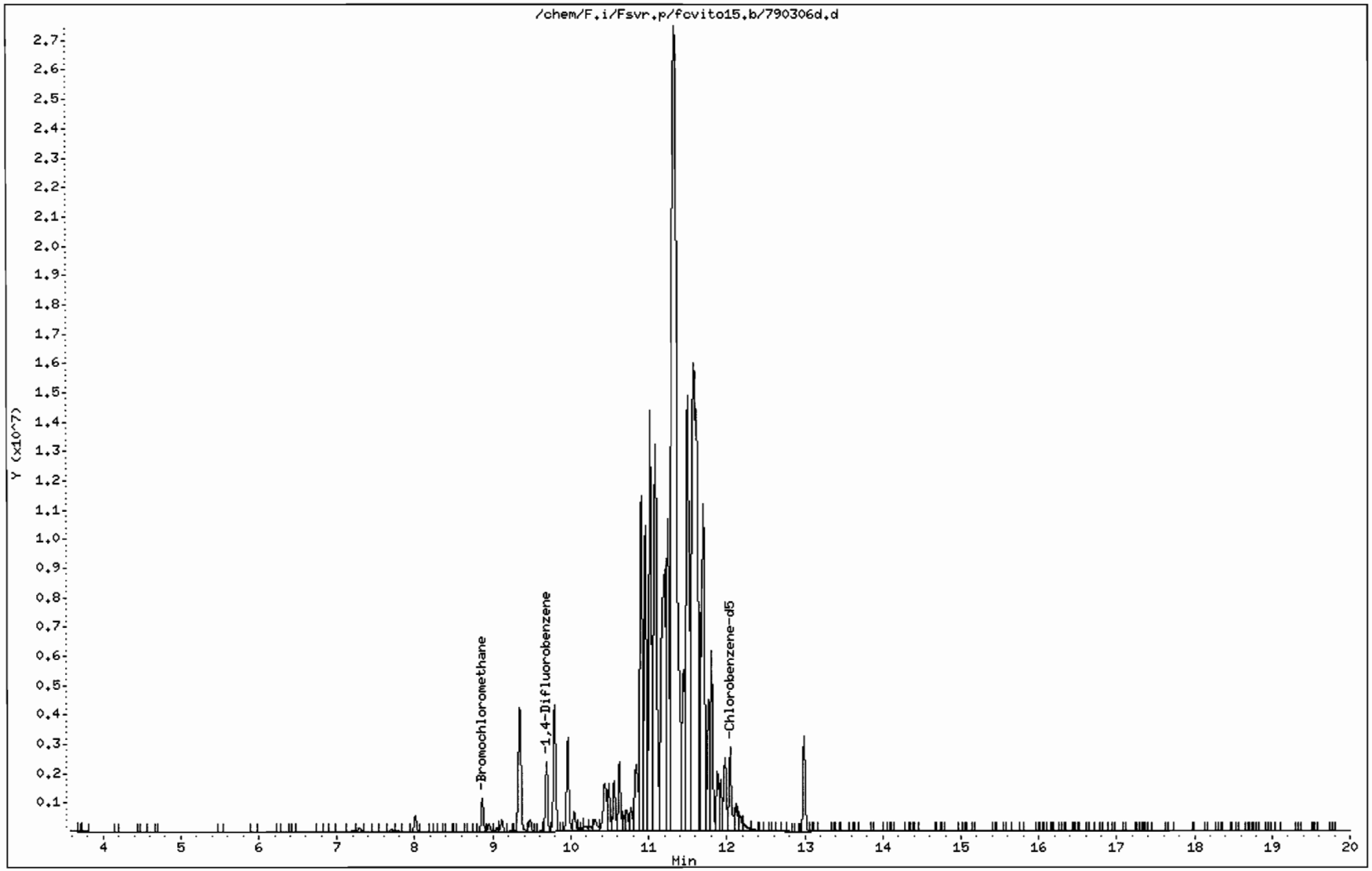
Sample Info: 20090325FD :[103/25/09 @ (AIR)

Purge Volume: 40.0

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvito15.b/790306d.d
Lab Smp Id: 790306 Client Smp ID: 25FD
Inj Date : 04-APR-2009 13:13
Operator : njr Inst ID: F.i
Smp Info : 20090325FD :[ ]03/25/09 @ (AIR)
Misc Info : 790306;040409FA;341;40;cdf68.2
Comment :
Method : /chem/F.i/Fsvr.p/fcvito15.b/sto15.m
Meth Date : 14-Apr-2009 20:38 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 5
Dil Factor: 341.00000
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	341.00000	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	4.539	4.518	(0.512)	6111	0.20948	71
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	8.867	8.861	(1.000)	418922	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	9.391	9.386	(0.970)	34961	0.34019	120
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2192512	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	12.045	12.039	(1.000)	1909583	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.087	12.082	(1.004)	184981	0.97523	330
64 Xylene (m,p)	106	12.173	12.168	(1.011)	140661	1.83803	630
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/F.i/Fsvr.p/fcvito15.b/790306d.d

Date : 04-APR-2009 13:13

Client ID: 25FD

Instrument: F.i

Sample Info: 20090325FD :[ ]03/25/09 @ (AIR)

Purge Volume: 40.0

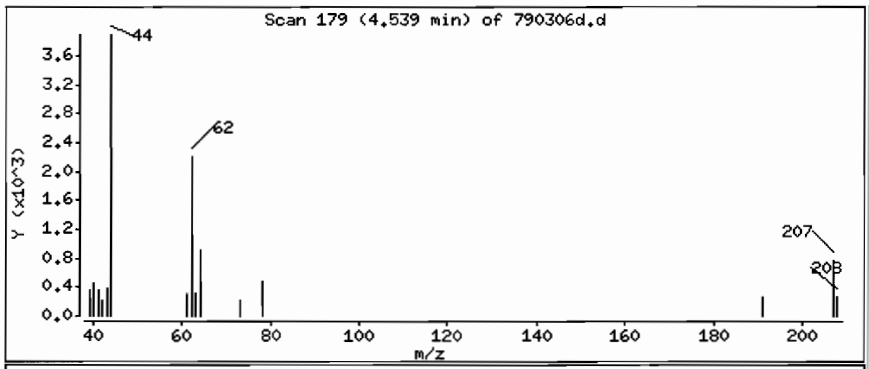
Operator: njr

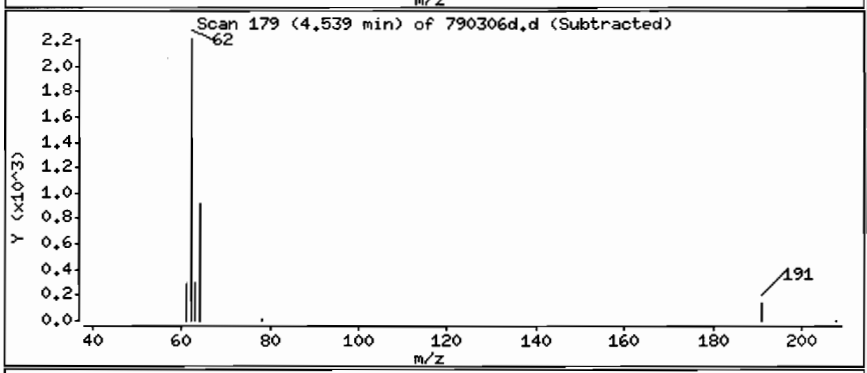
Column phase: RTX-624

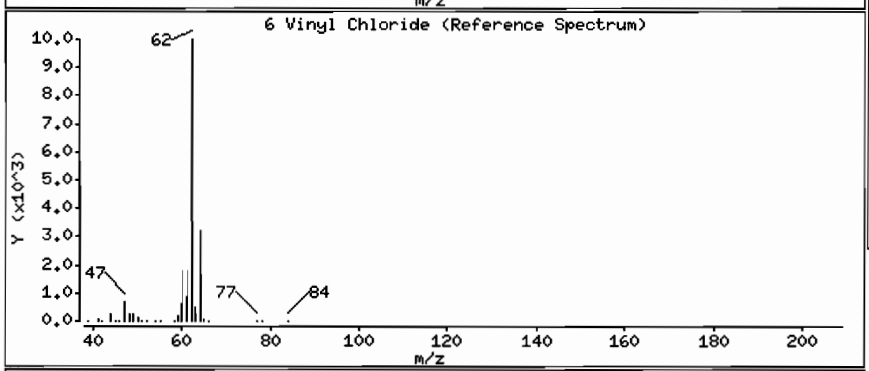
Column diameter: 0.32

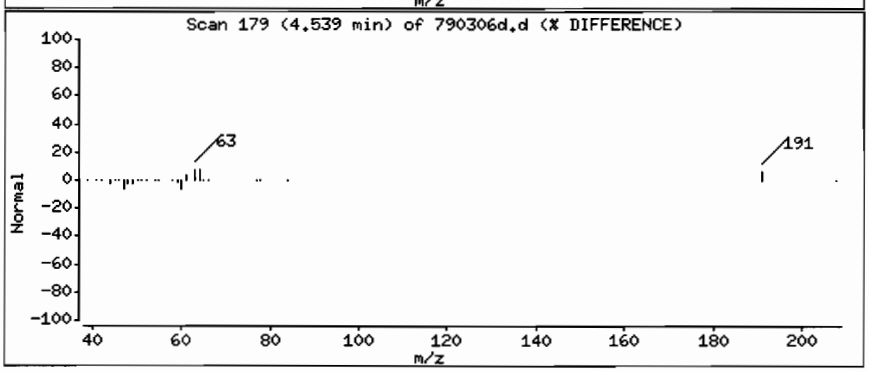
6 Vinyl Chloride

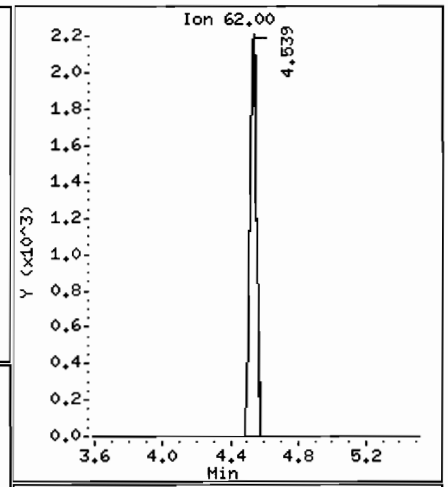
Concentration: 71 ppbv

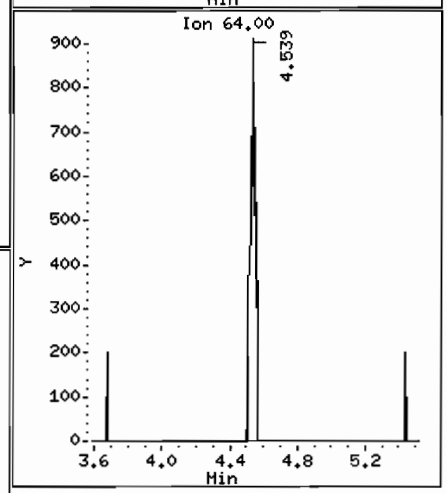












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790306d.d

Page 5

Date : 04-APR-2009 13:13

Client ID: 25FD

Instrument: F.i

Sample Info: 20090325FD :[103/25/09 @ (AIR)

Purge Volume: 40.0

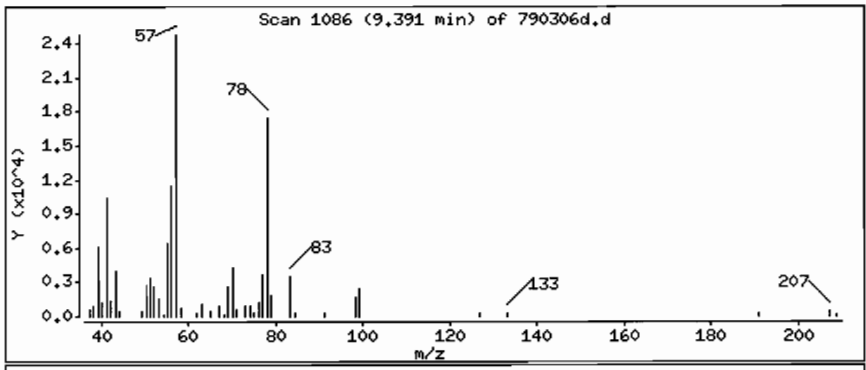
Operator: njr

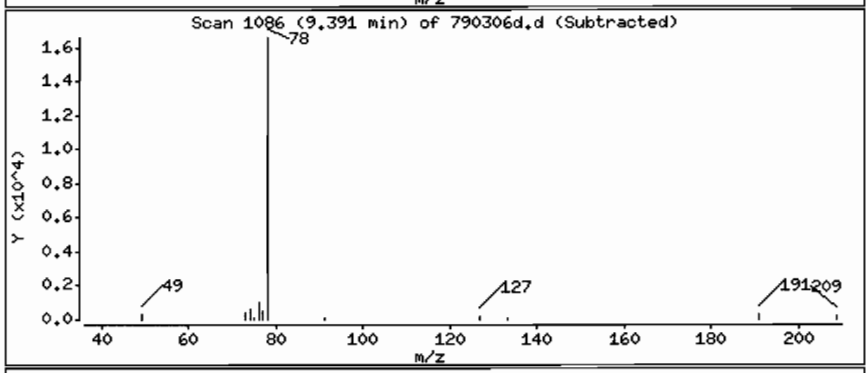
Column phase: RTX-624

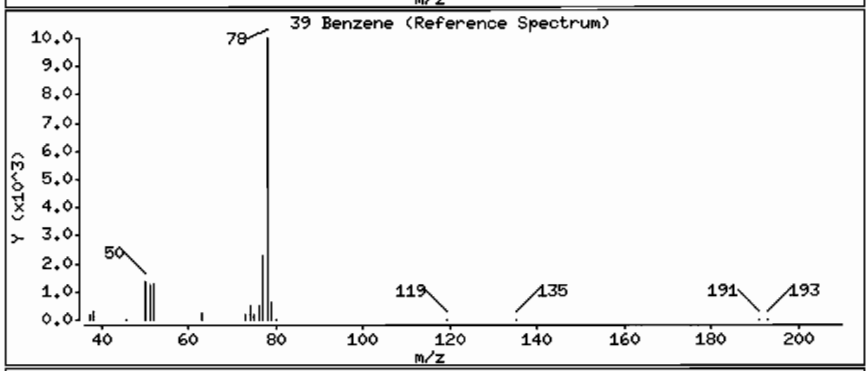
Column diameter: 0.32

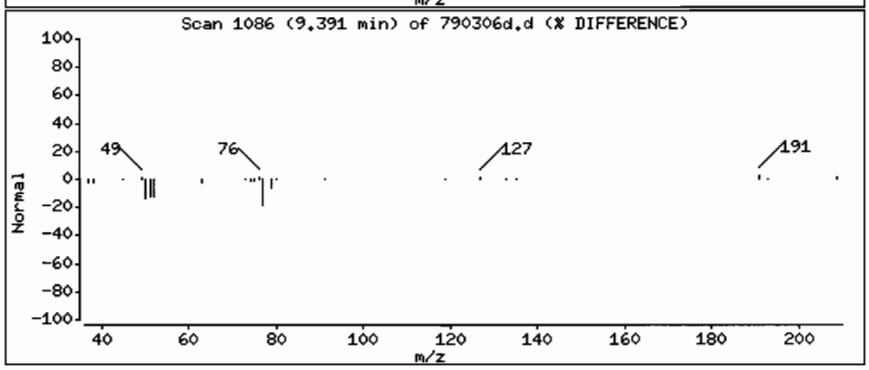
39 Benzene

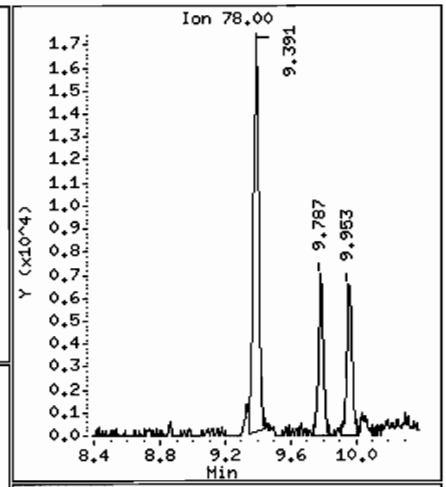
Concentration: 120 ppbv

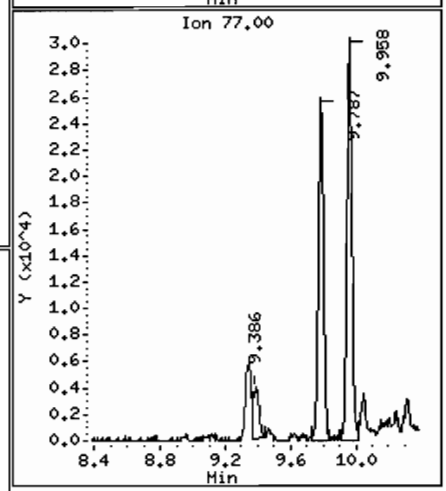












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790306d.d

Date : 04-APR-2009 13:13

Client ID: 25FD

Instrument: F.i

Sample Info: 20090325FD :[ ]03/25/09 @ (AIR)

Purge Volume: 40.0

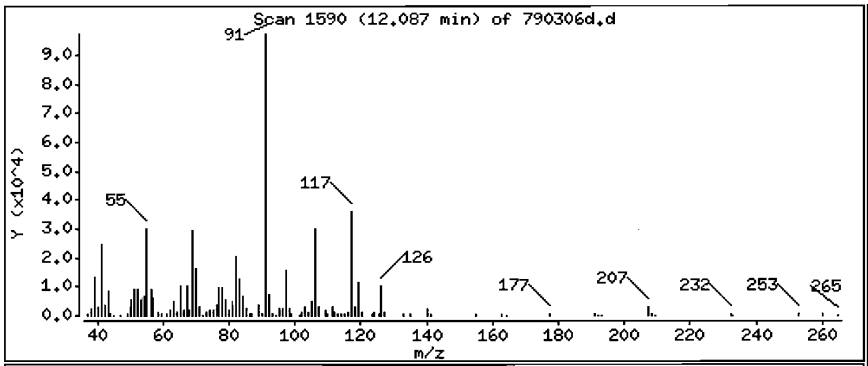
Operator: njr

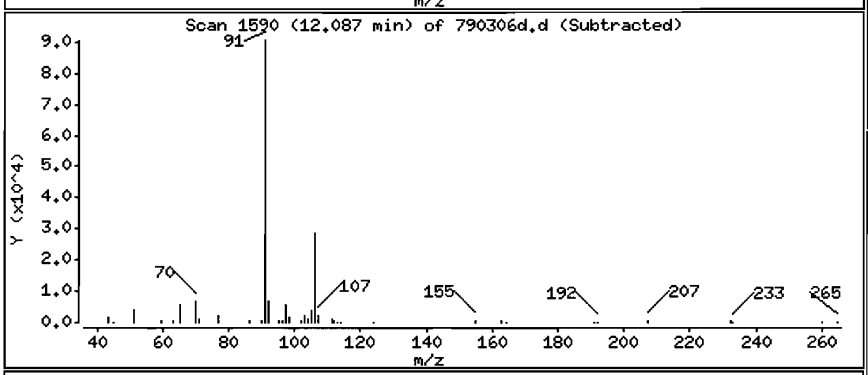
Column phase: RTX-624

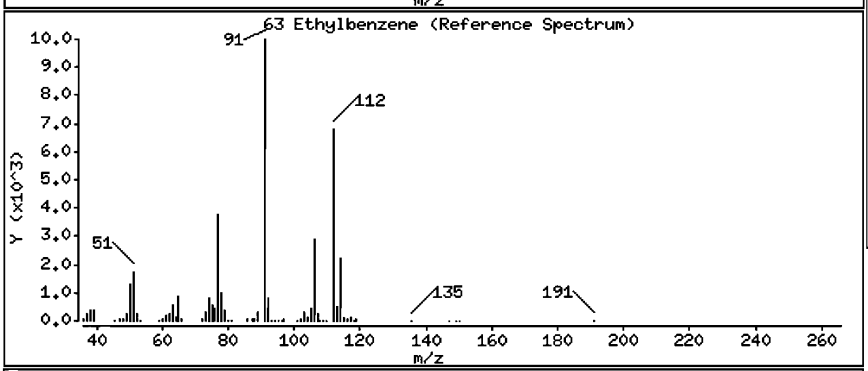
Column diameter: 0.32

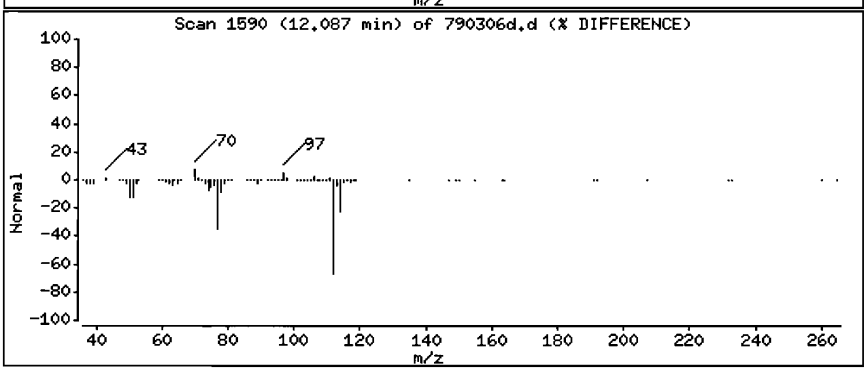
63 Ethylbenzene

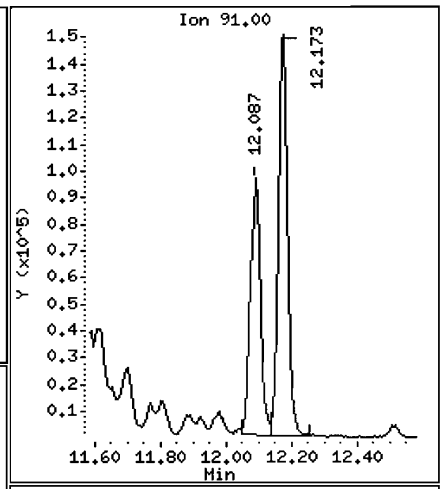
Concentration: 330 ppbv

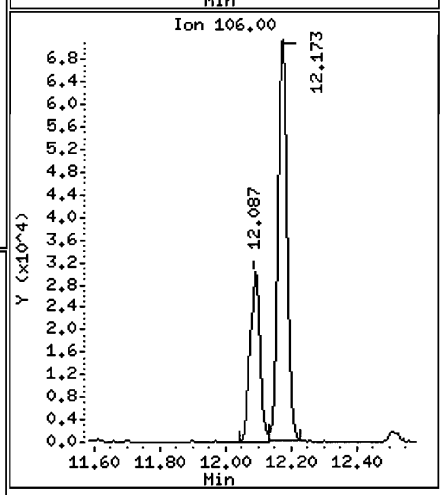












Data File: /chem/F.i/Fsvr.p/fcvito15.b/790306d.d

Date : 04-APR-2009 13:13

Client ID: 25FD

Instrument: F.i

Sample Info: 20090325FD :[103/25/09 @ (AIR)

Purge Volume: 40.0

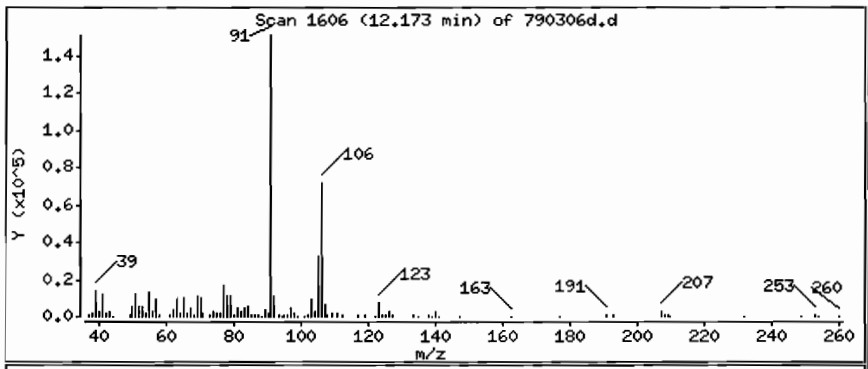
Operator: njr

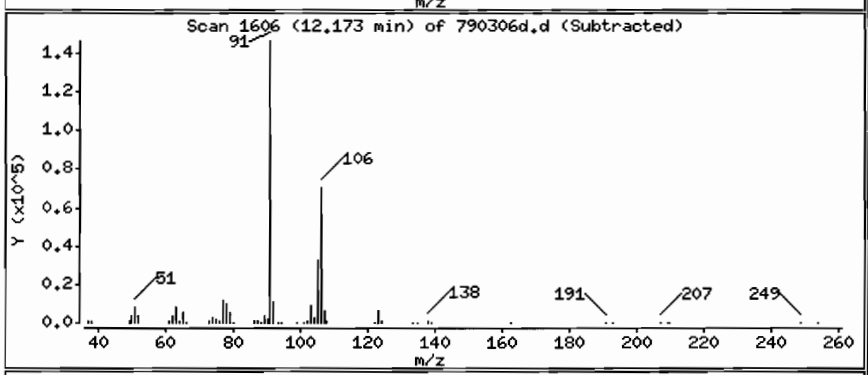
Column phase: RTX-624

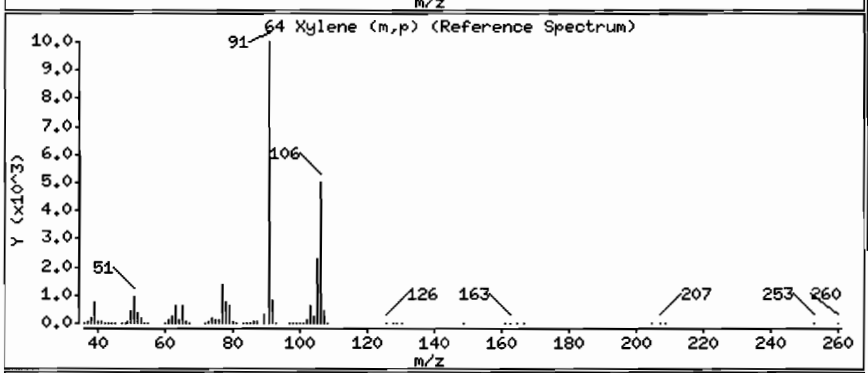
Column diameter: 0.32

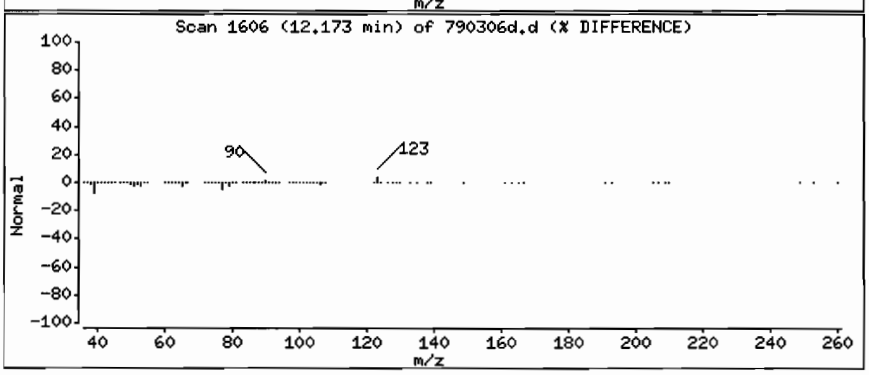
64 Xylene (m,p)

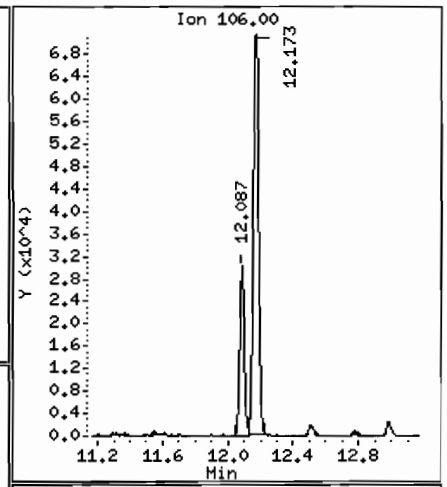
Concentration: 630 ppbv

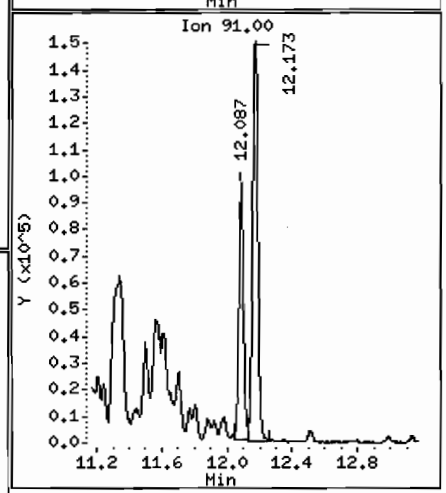












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-31V4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790310

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790310

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

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	1.9	
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	18	
75-15-0	Carbon Disulfide	1.6	
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
75-34-3	1,1-Dichloroethane	0.43	
78-93-3	Methyl Ethyl Ketone	2.5	
156-59-2	cis-1,2-Dichloroethene	2.8	
67-66-3	Chloroform	3.3	
71-55-6	1,1,1-Trichloroethane	0.22	
56-23-5	Carbon Tetrachloride	0.20	U
71-43-2	Benzene	0.29	
107-06-2	1,2-Dichloroethane	2.0	
79-01-6	Trichloroethene	1.5	
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	1.1	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	1.8	
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
108-90-7	Chlorobenzene	0.58	
100-41-4	Ethylbenzene	0.28	
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

ROHHAA SAMPLE NO.

25VP-31V4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790310

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790310

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

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

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

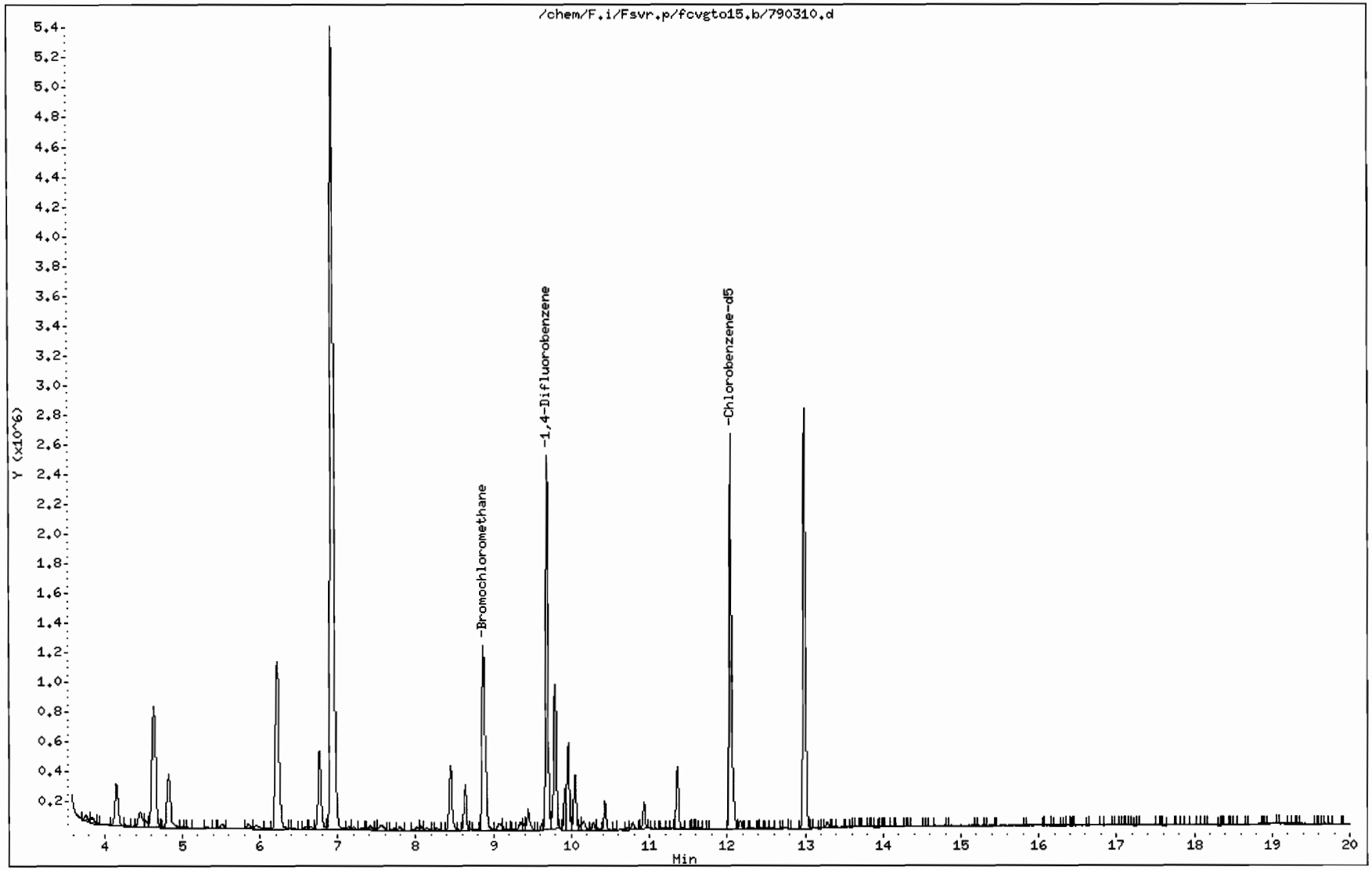
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d
Date : 02-APR-2009 11:11
Client ID: 25VP-31V4
Sample Info: 20090325VP-31V4 :[103/25/09 @1408(AIR)
Purge Volume: 200.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvgto15.b/790310.d
Lab Smp Id: 790310 Client Smp ID: 25VP-31V4
Inj Date : 02-APR-2009 11:11
Operator : pad Inst ID: F.i
Smp Info : 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)
Misc Info : 790310;040109FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvgto15.b/sto15.m
Meth Date : 14-Apr-2009 20:29 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 18
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	4.534	4.518	(0.511)	57681	1.86737	1.9
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	6.765	6.748	(0.762)	870609	17.7615	18
21 Carbon Disulfide	76	6.979	6.962	(0.787)	144414	1.61801	1.6
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
29 1,1-Dichloroethane	63	8.070	8.059	(0.910)	26007	0.43470	0.43
30 Methyl Ethyl Ketone	72	8.632	8.615	(0.973)	41683	2.49801	2.5(Q)
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.973)	111092	2.84848	2.8
* 32 Bromochloromethane	128	8.872	8.861	(1.000)	443564	10.0000	
34 Chloroform	83	8.904	8.894	(1.004)	284048	3.32779	3.3
35 1,1,1-Trichloroethane	97	9.076	9.065	(0.936)	23689	0.22447	0.22
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	9.397	9.386	(0.970)	31764	0.29150	0.29
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	126058	1.96843	2.0
* 43 1,4-Difluorobenzene	114	9.691	9.685	(1.000)	2324745	10.0000	
45 Trichloroethene	95	9.916	9.915	(1.023)	88200	1.54080	1.5
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	10.932	10.926	(0.908)	93059	1.11712	1.1
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	11.360	11.360	(0.943)	149104	1.78175	1.8
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	1905387	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	68130	0.57532	0.58
63 Ethylbenzene	91	12.088	12.082	(1.004)	52101	0.27528	0.28
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/F.i/Fsvr.p/fcvgto15.b/790310.d

Page 4

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

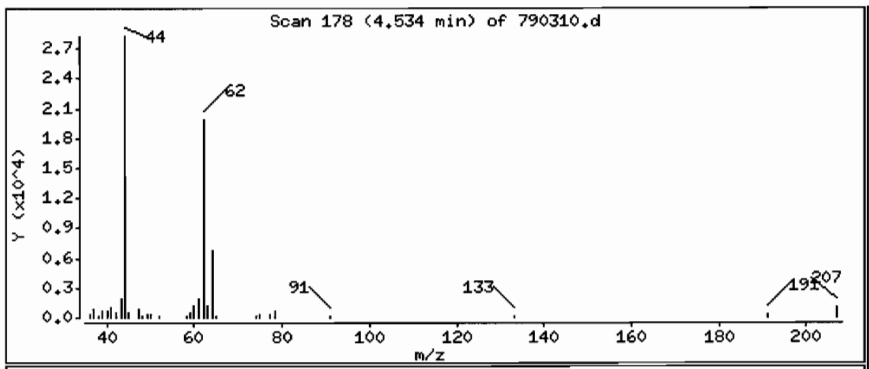
Operator: pad

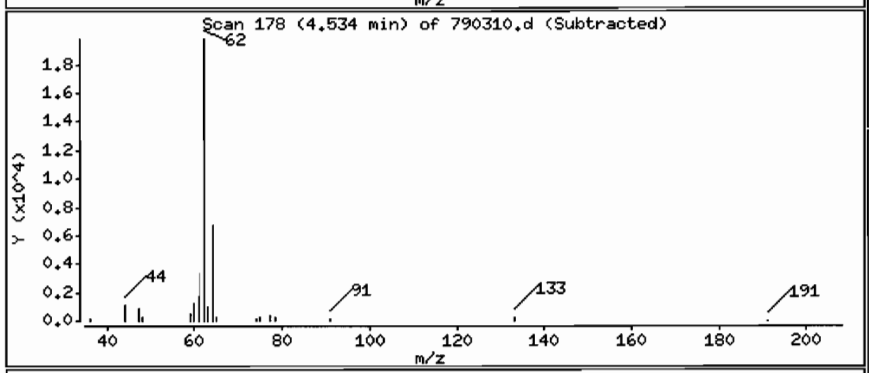
Column phase: RTX-624

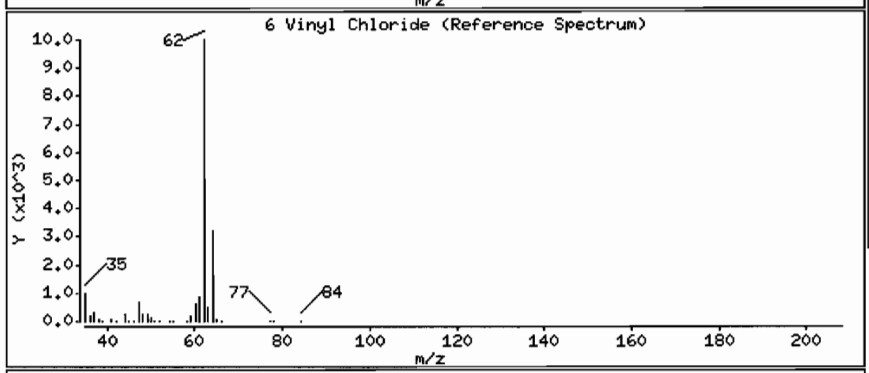
Column diameter: 0.32

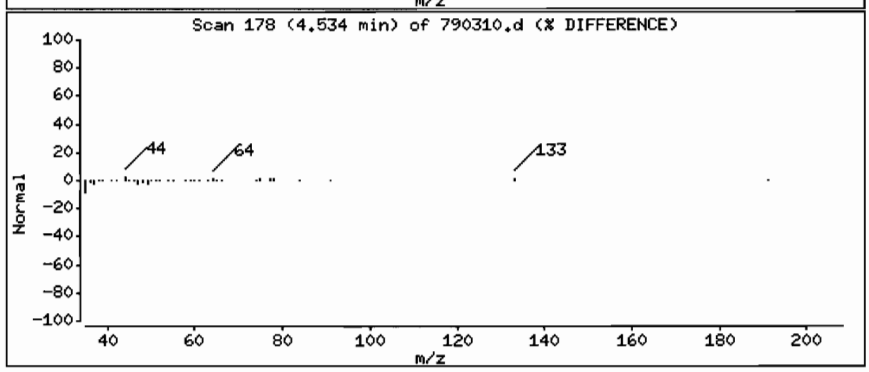
6 Vinyl Chloride

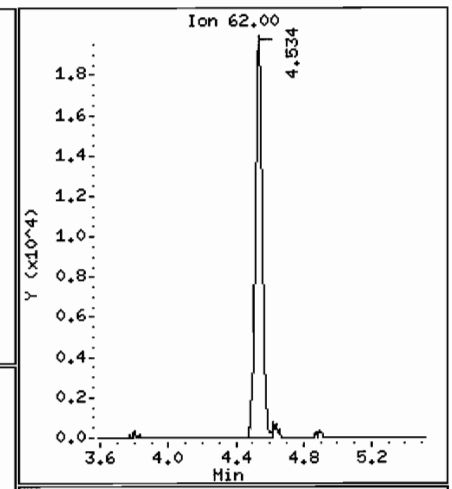
Concentration: 1.9 ppbv

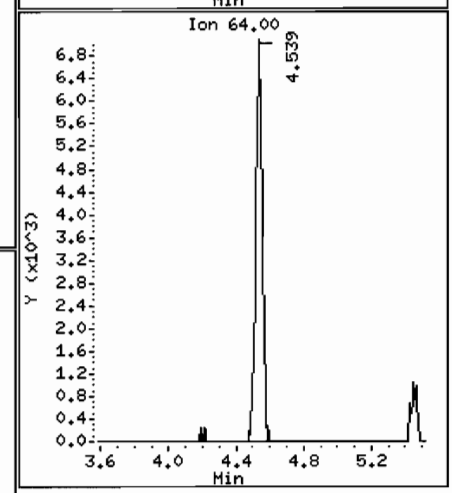












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

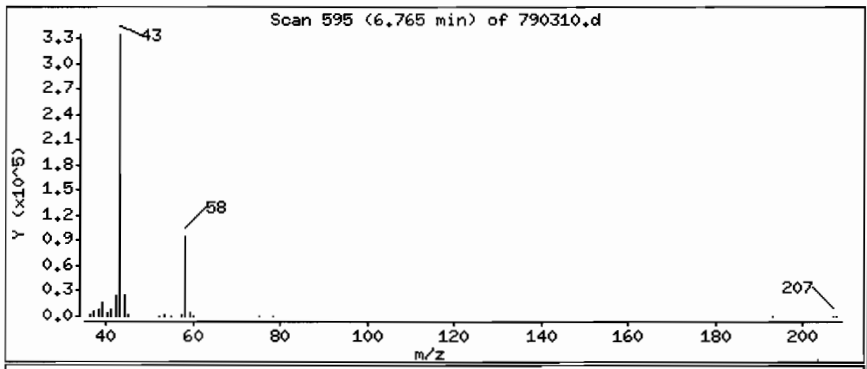
Operator: pad

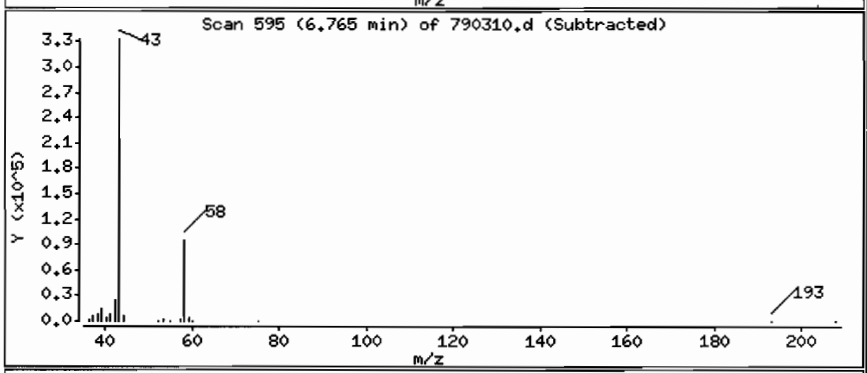
Column phase: RTX-624

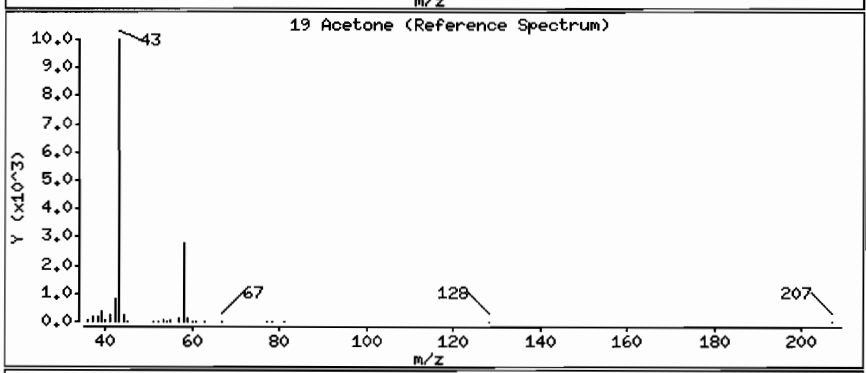
Column diameter: 0.32

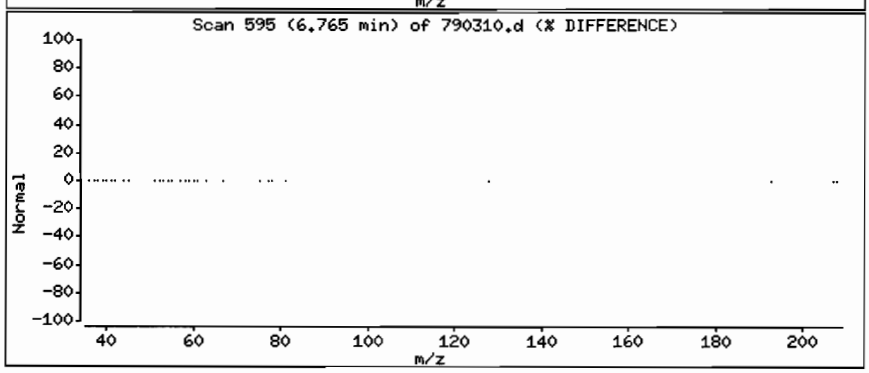
19 Acetone

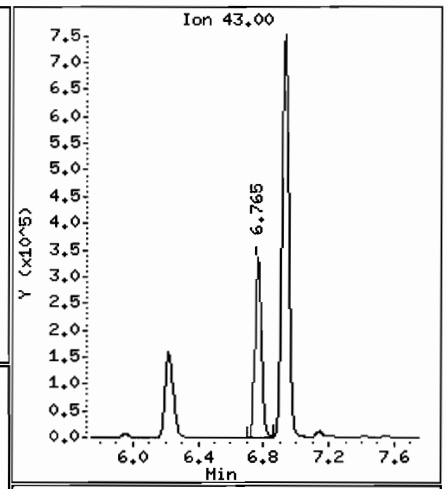
Concentration: 18 ppbv

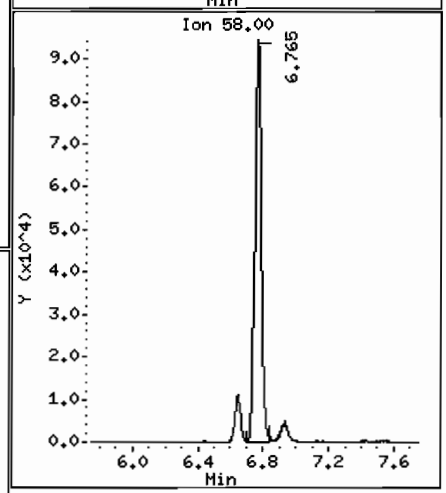












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

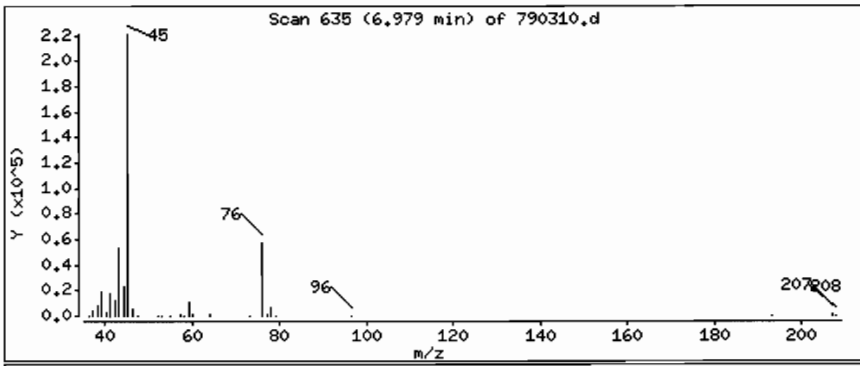
Operator: pad

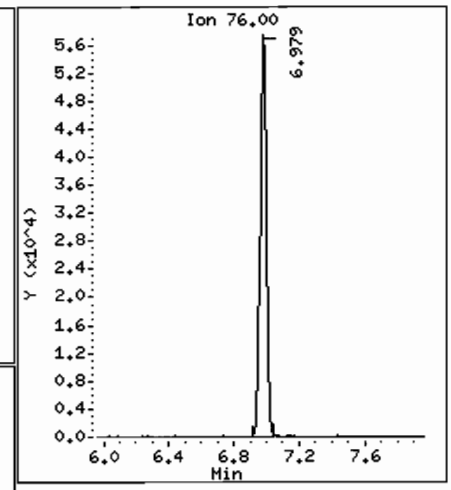
Column phase: RTX-624

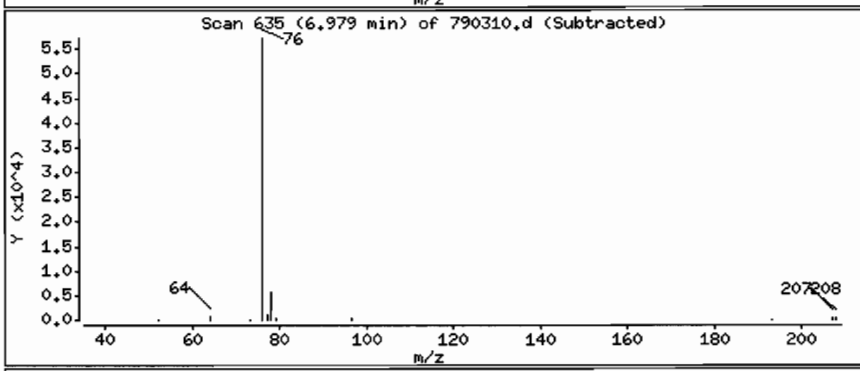
Column diameter: 0.32

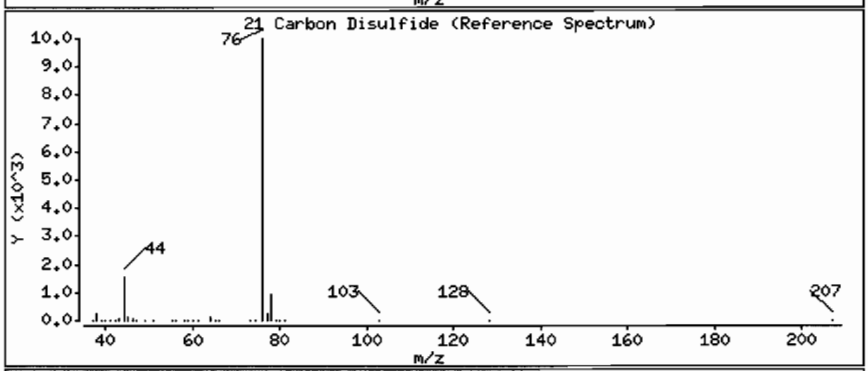
21 Carbon Disulfide

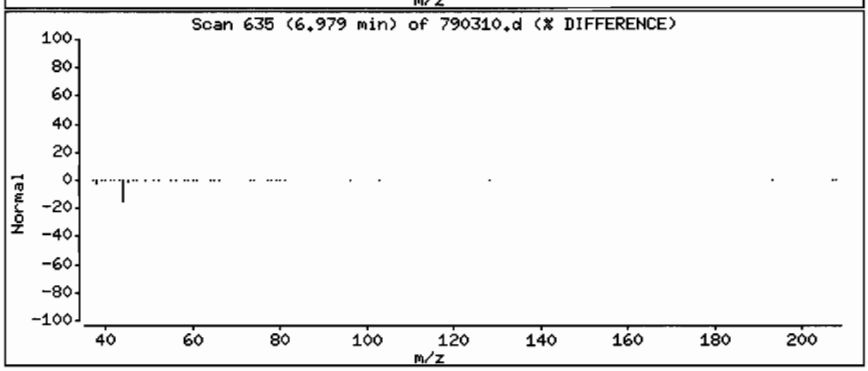
Concentration: 1.6 ppbv











Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

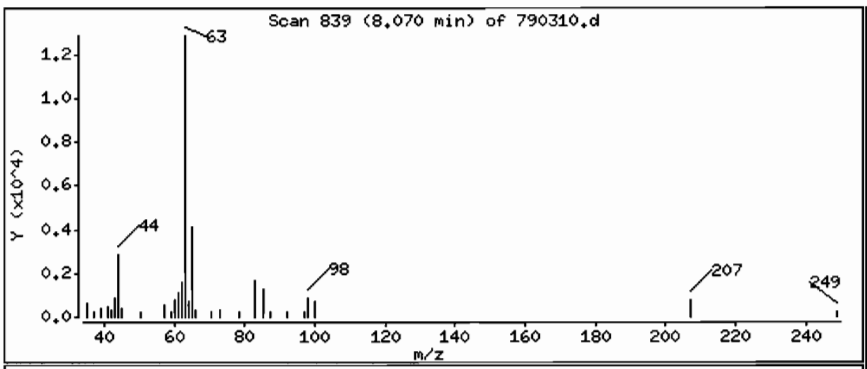
Operator: pad

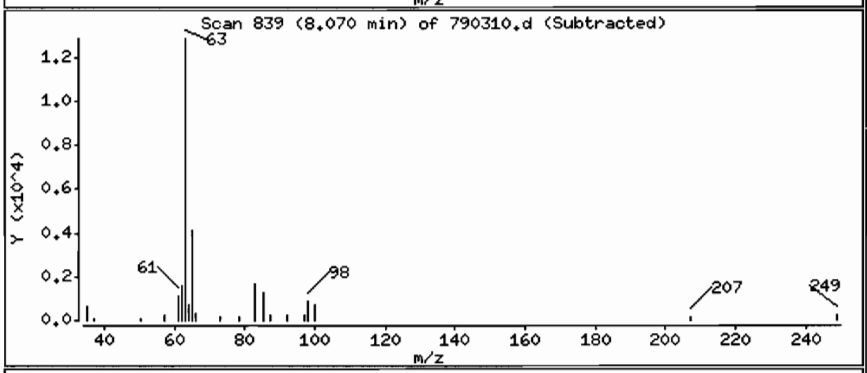
Column phase: RTX-624

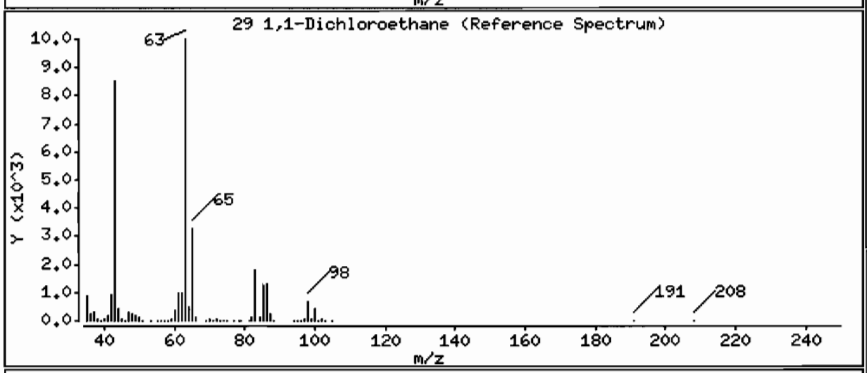
Column diameter: 0.32

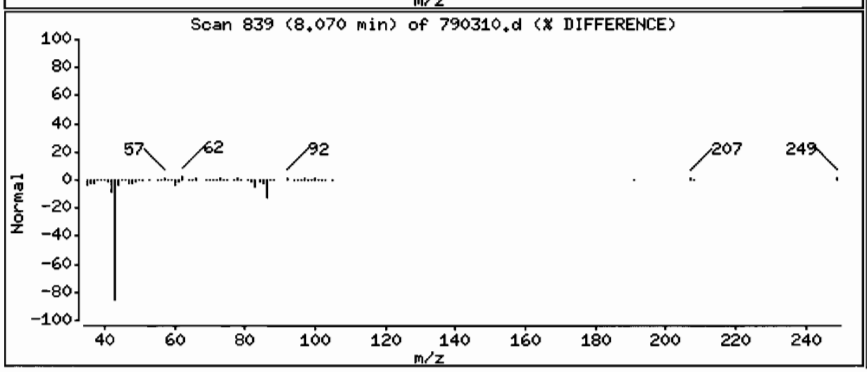
29 1,1-Dichloroethane

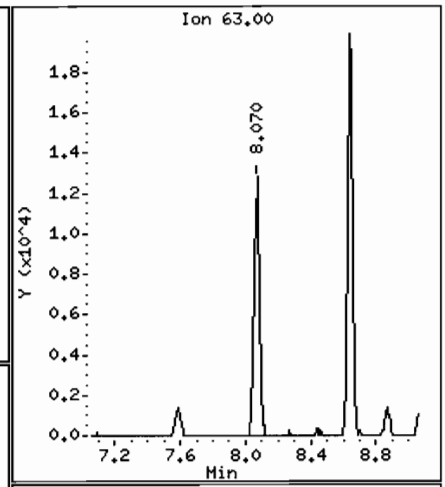
Concentration: 0.43 ppbv

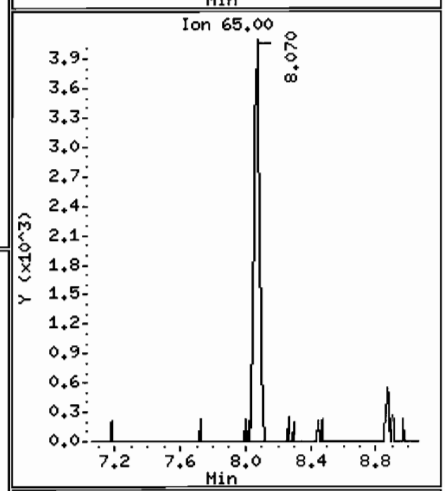


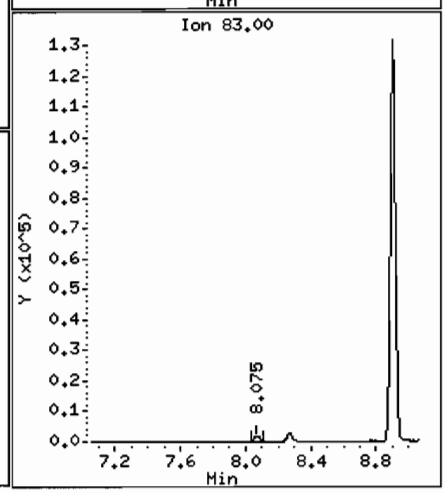












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[J03/25/09 @1408(AIR)

Purge Volume: 200.0

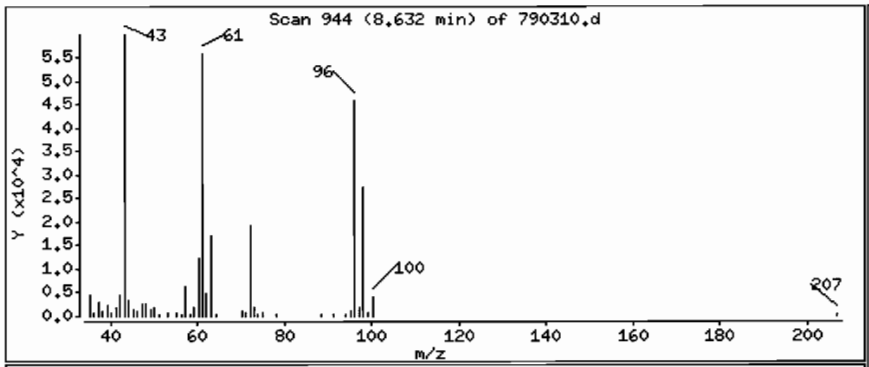
Operator: pad

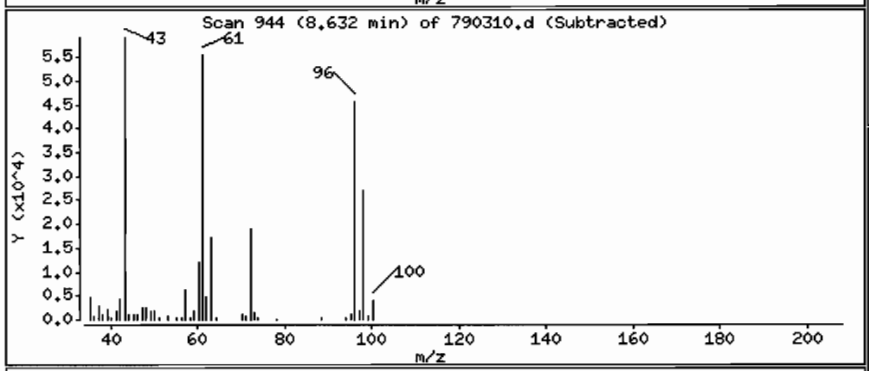
Column phase: RTX-624

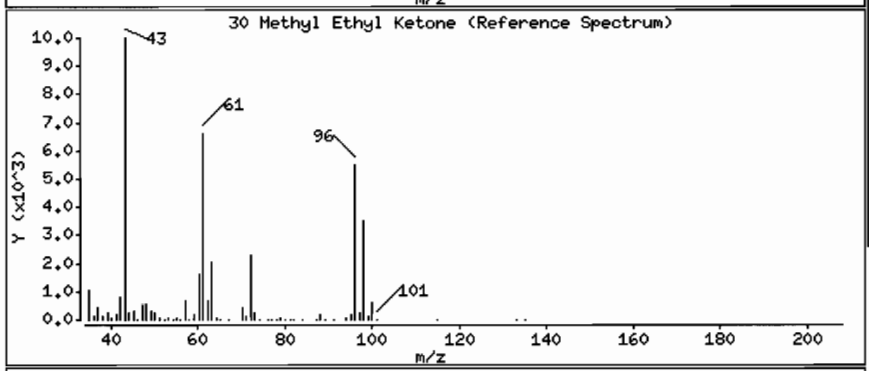
Column diameter: 0.32

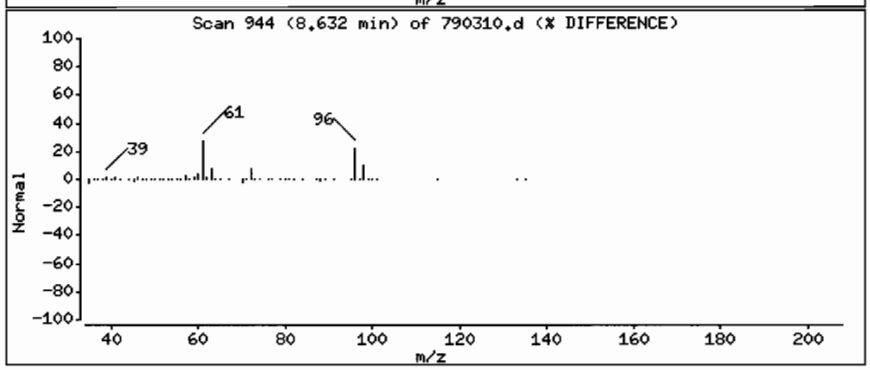
30 Methyl Ethyl Ketone

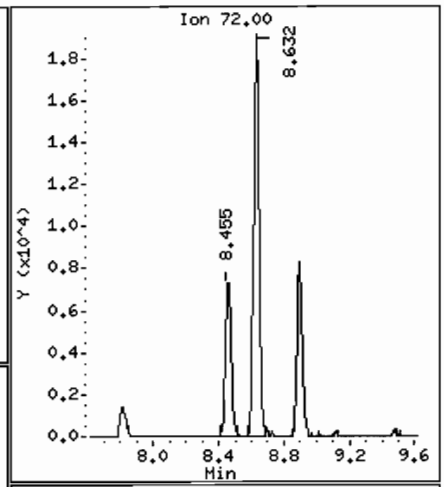
Concentration: 2.5 ppbv

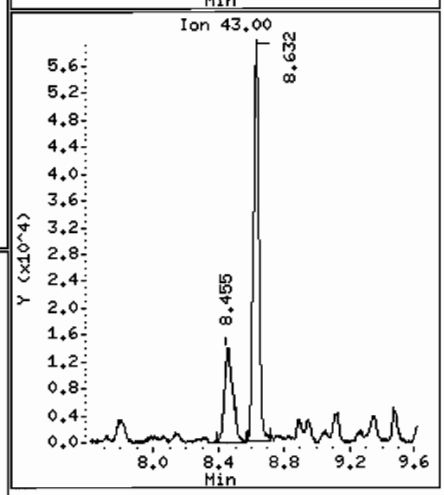












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

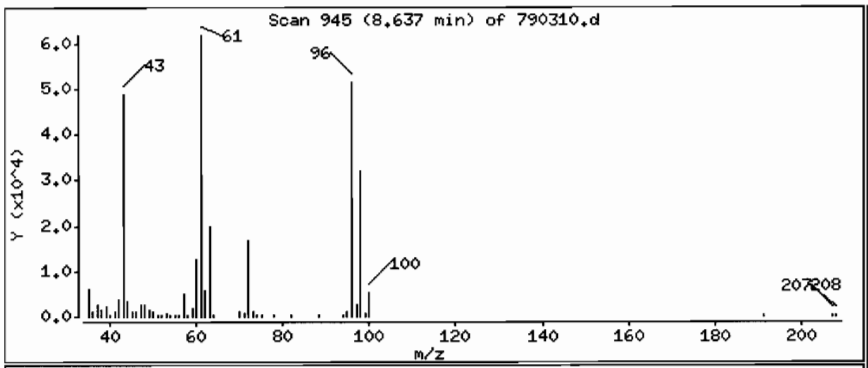
Operator: pad

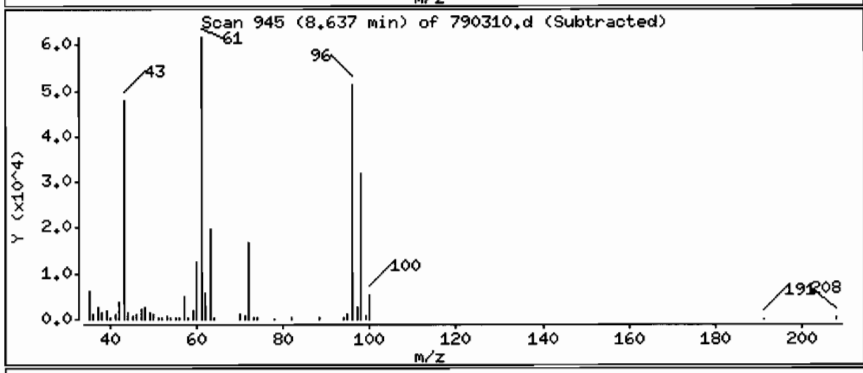
Column phase: RTX-624

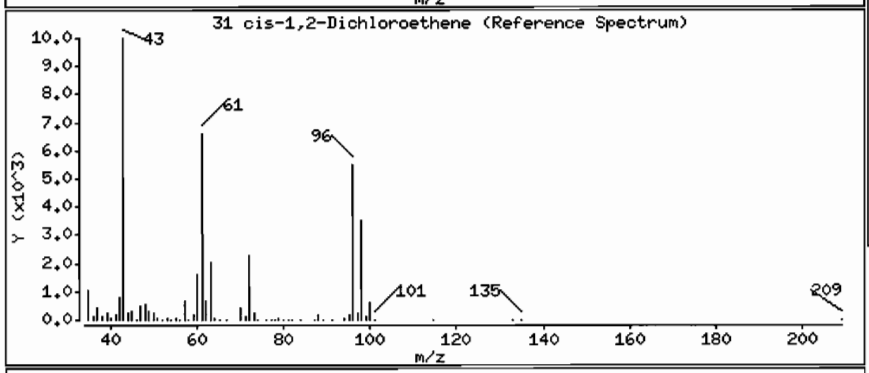
Column diameter: 0.32

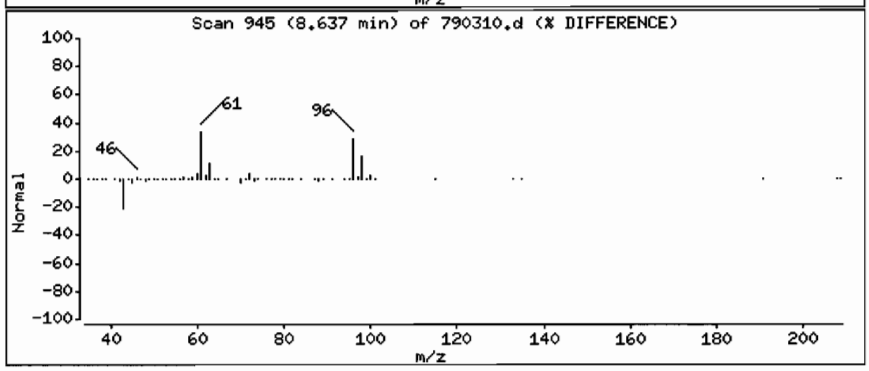
31 cis-1,2-Dichloroethene

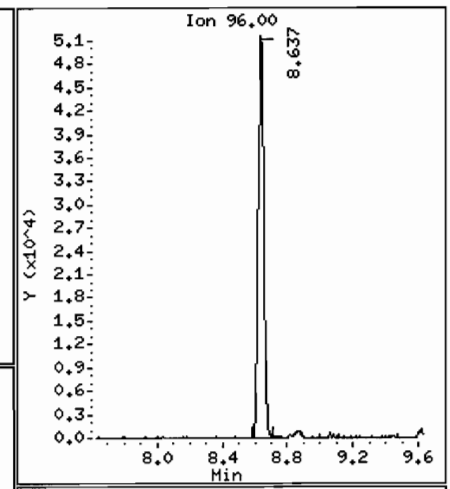
Concentration: 2.8 ppbv

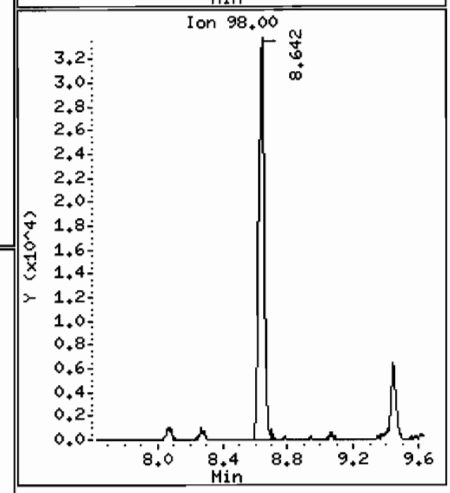












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

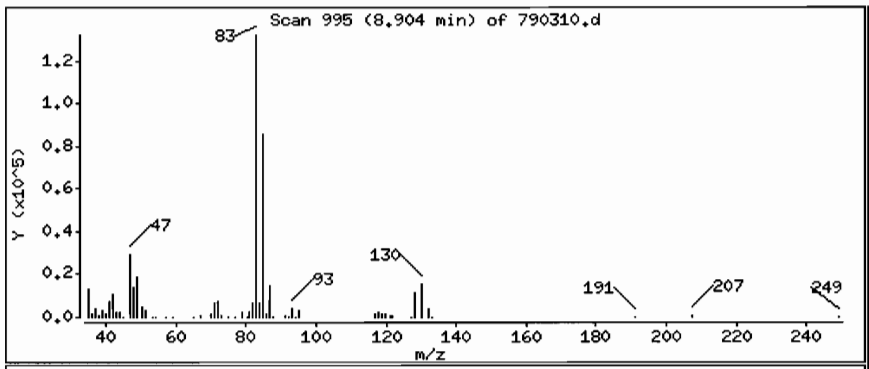
Operator: pad

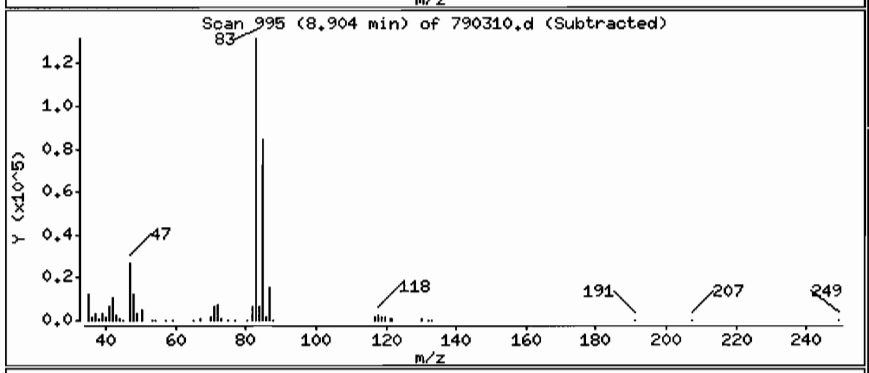
Column phase: RTX-624

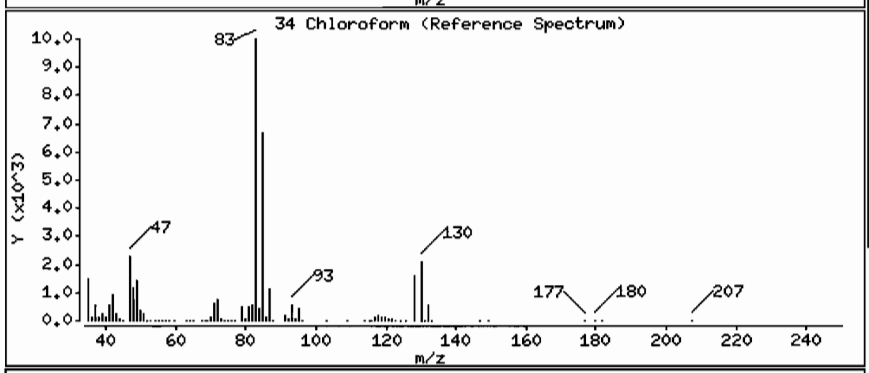
Column diameter: 0.32

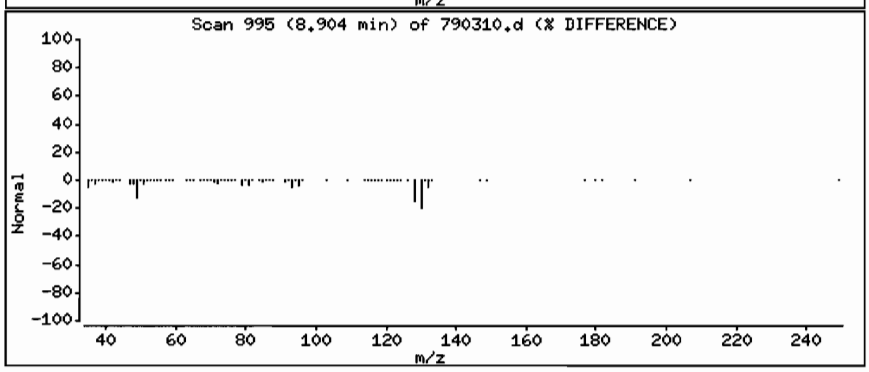
34 Chloroform

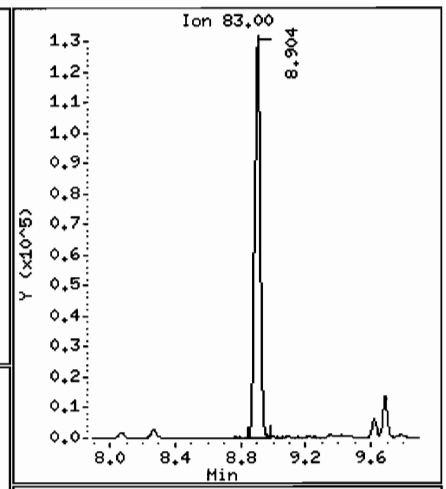
Concentration: 3.3 ppbv

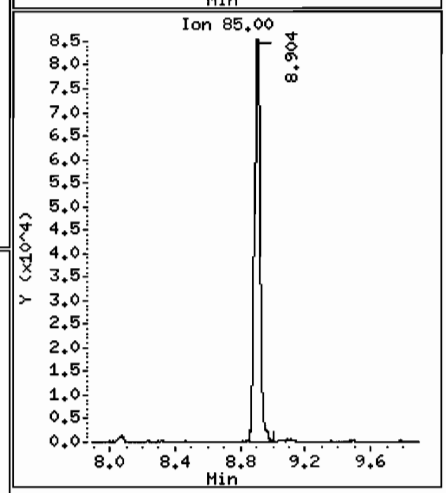












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

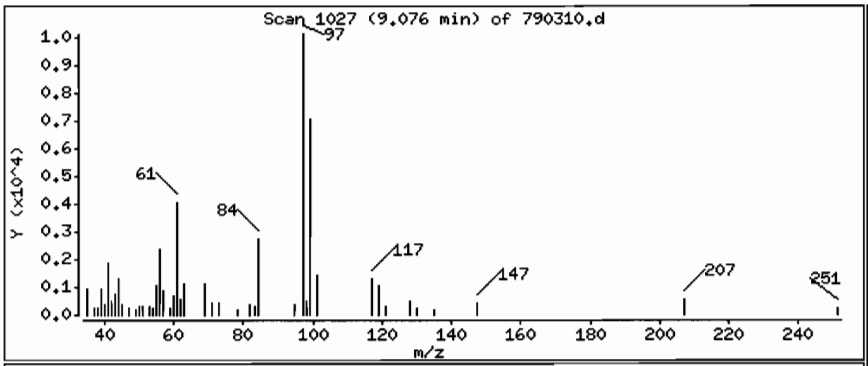
Operator: pad

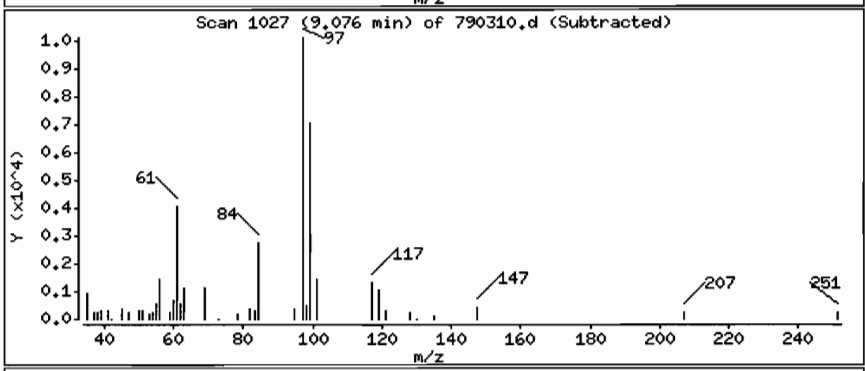
Column phase: RTX-624

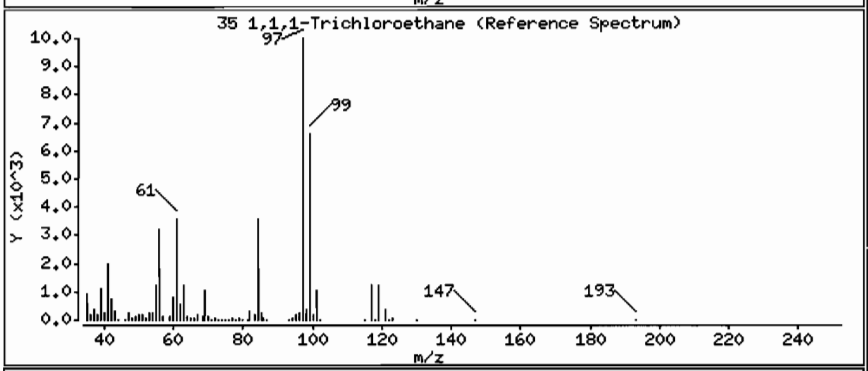
Column diameter: 0.32

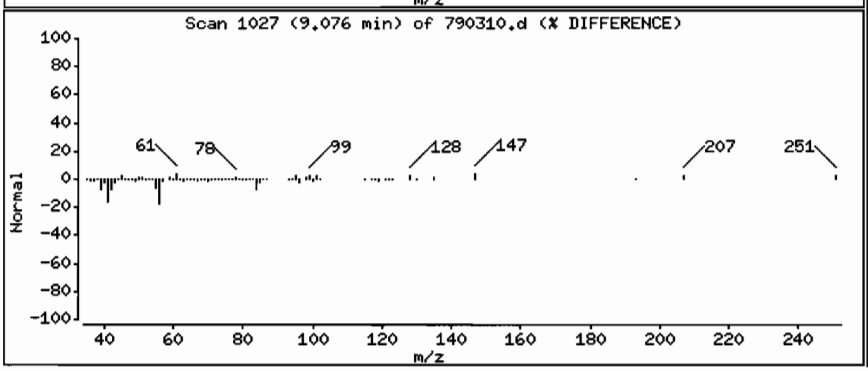
35 1,1,1-Trichloroethane

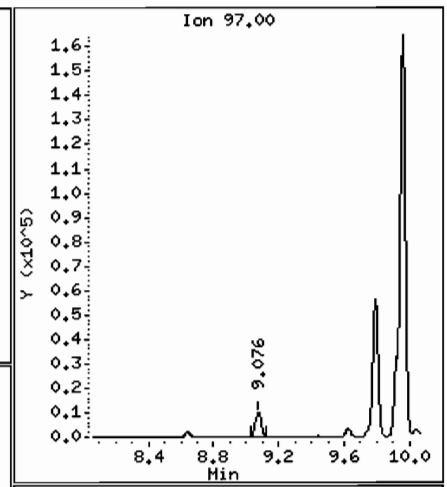
Concentration: 0.22 ppbv

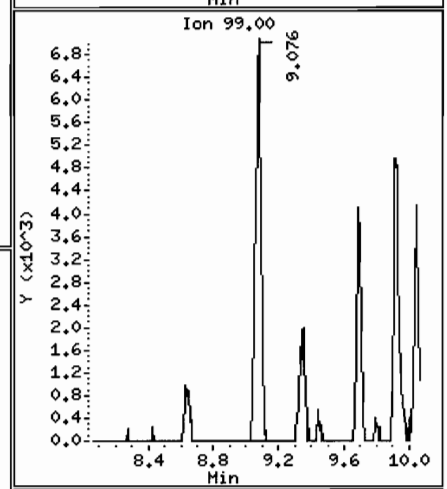


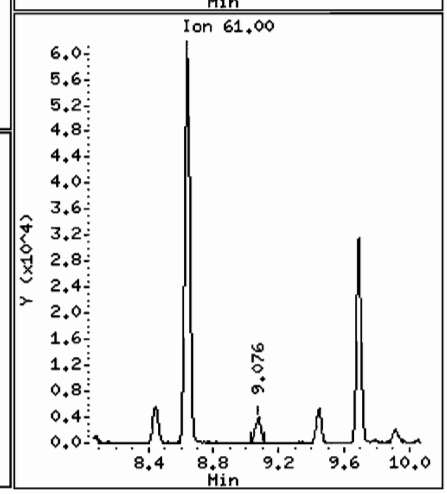












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

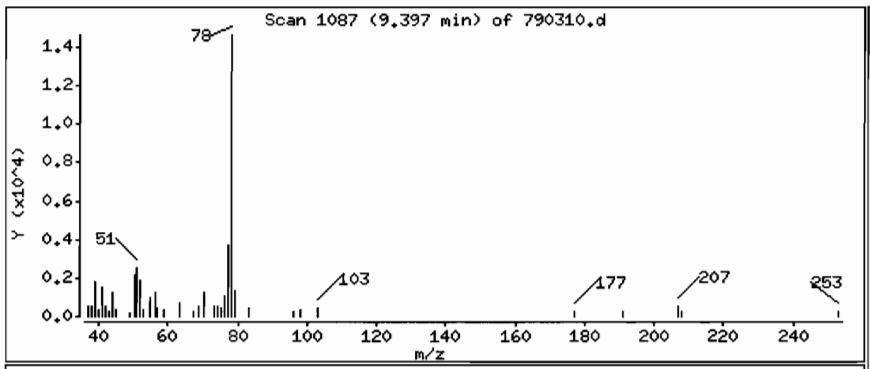
Operator: pad

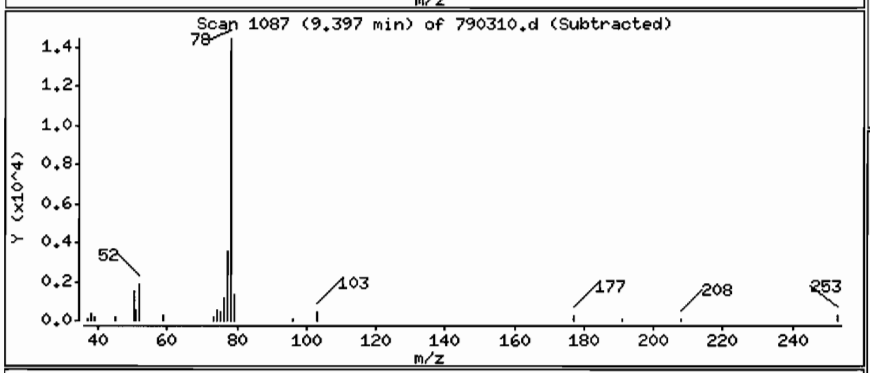
Column phase: RTX-624

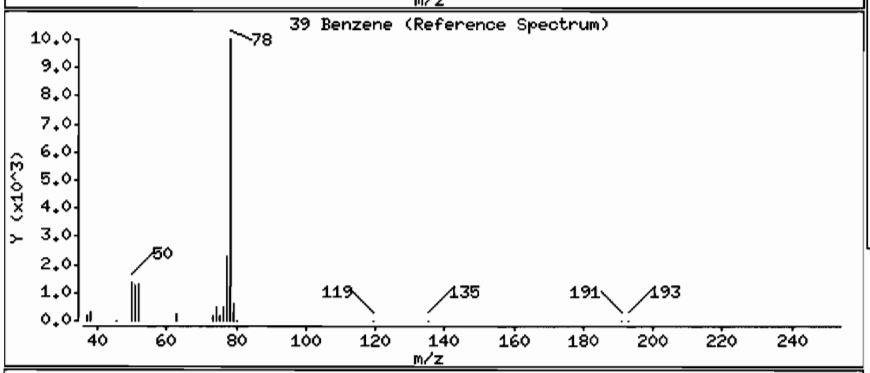
Column diameter: 0.32

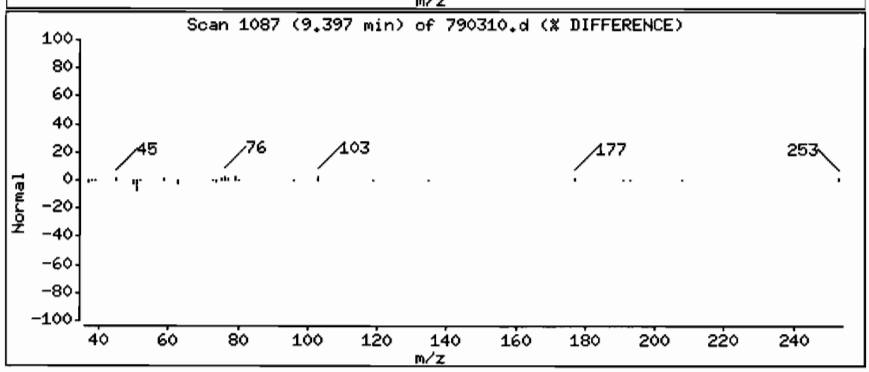
39 Benzene

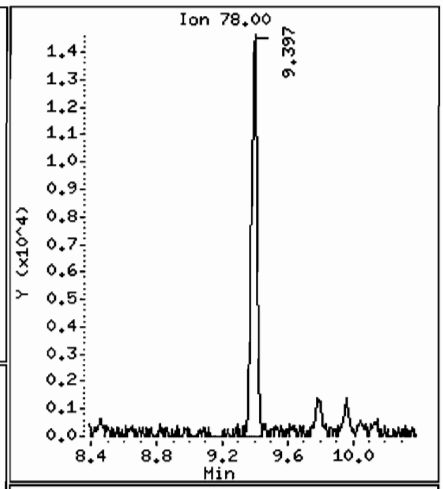
Concentration: 0.29 ppbv

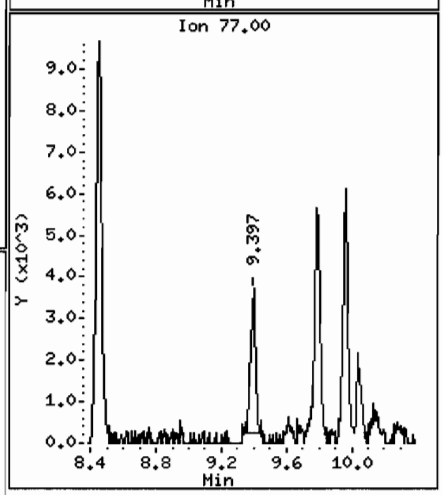












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[103/25/09 @1408(AIR)

Purge Volume: 200.0

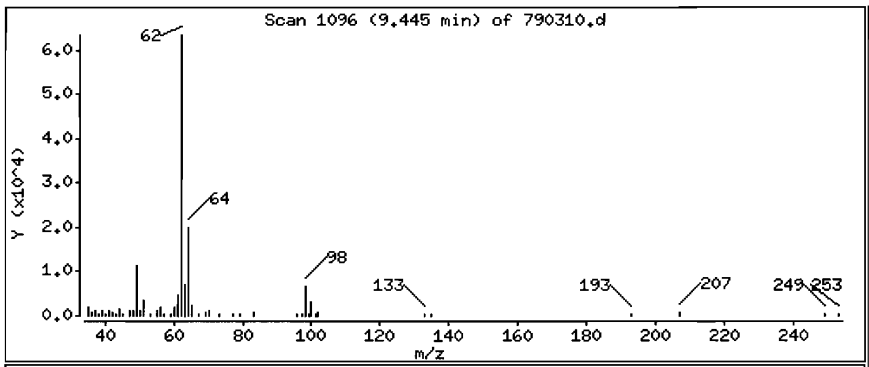
Operator: pad

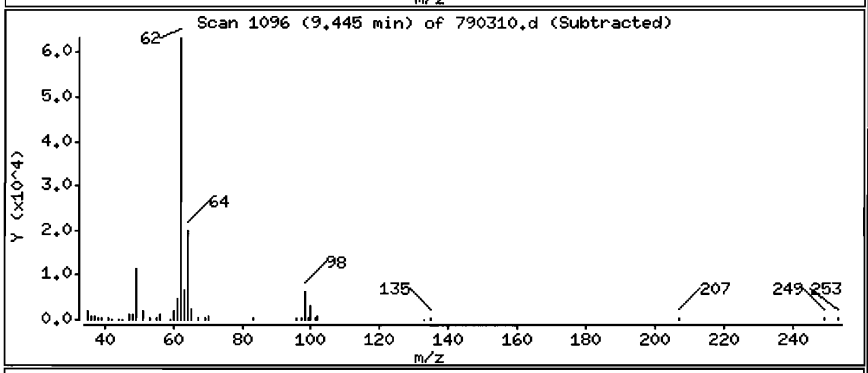
Column phase: RTX-624

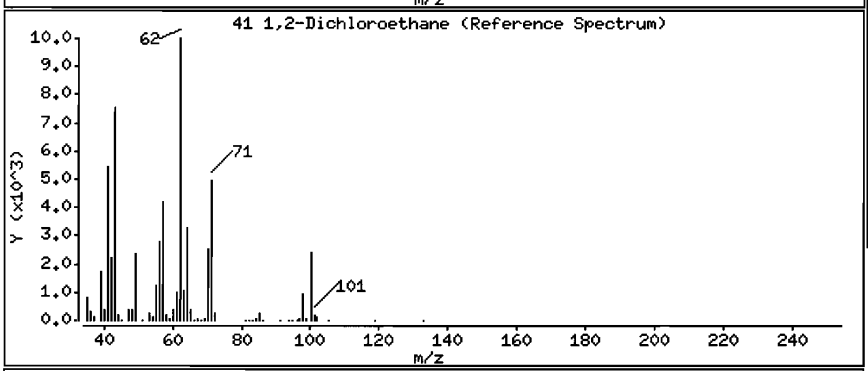
Column diameter: 0.32

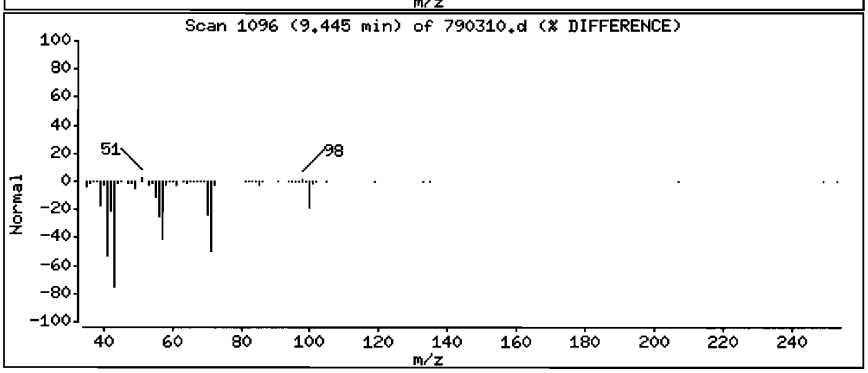
41 1,2-Dichloroethane

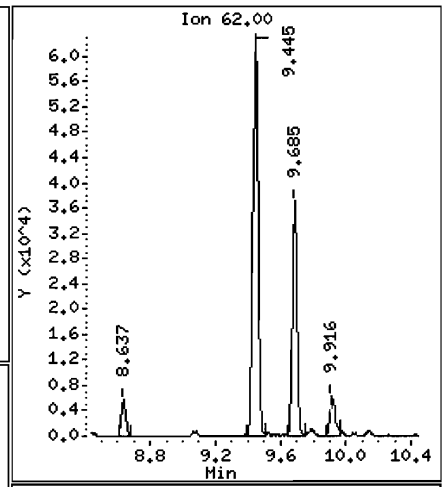
Concentration: 2.0 ppbv

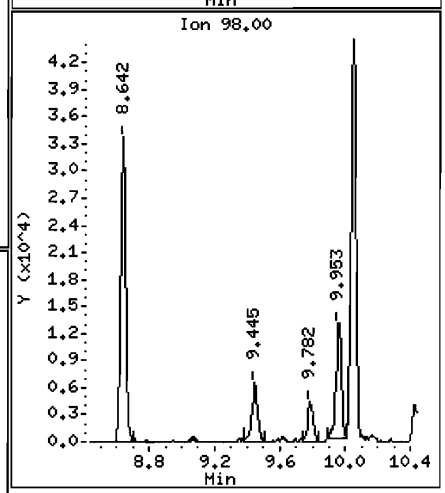












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

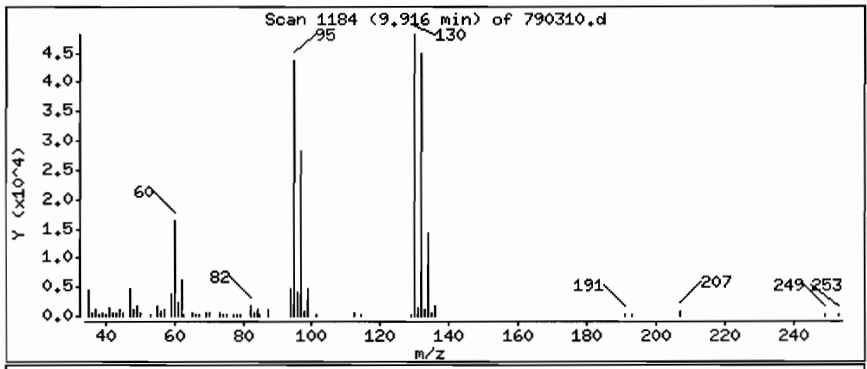
Operator: pad

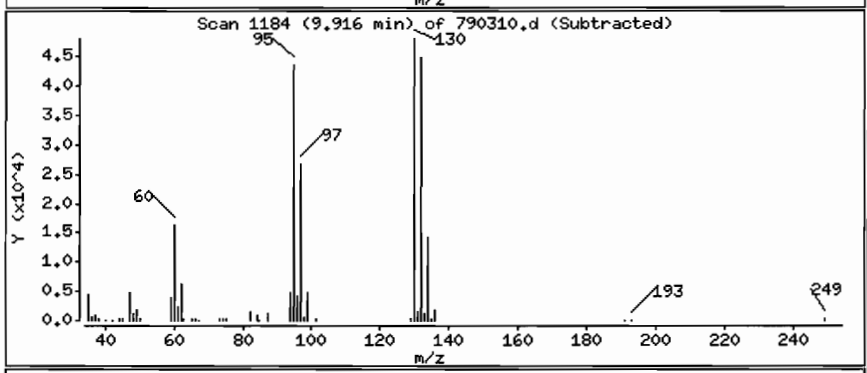
Column phase: RTX-624

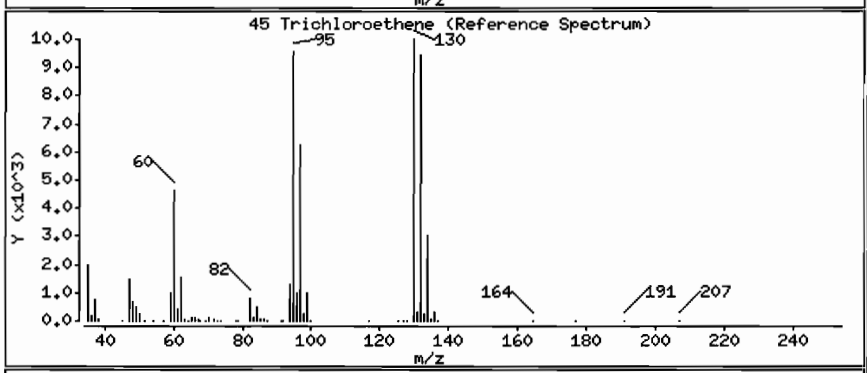
Column diameter: 0.32

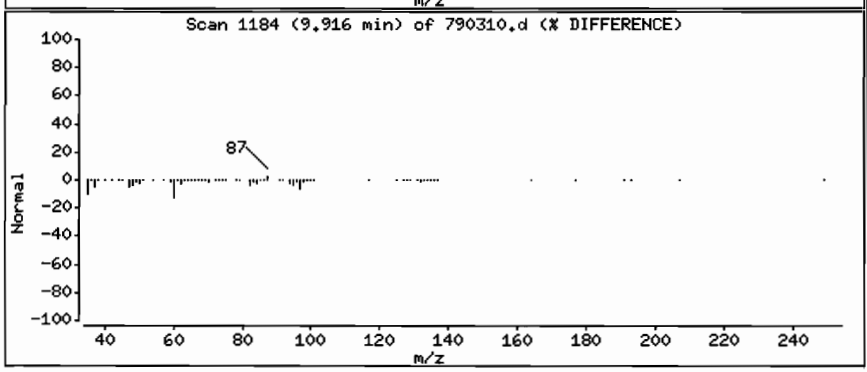
45 Trichloroethene

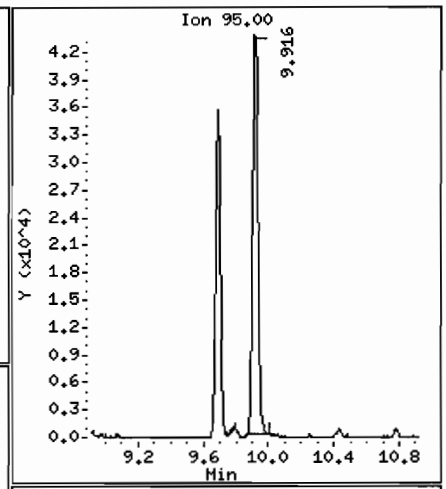
Concentration: 1.5 ppbv

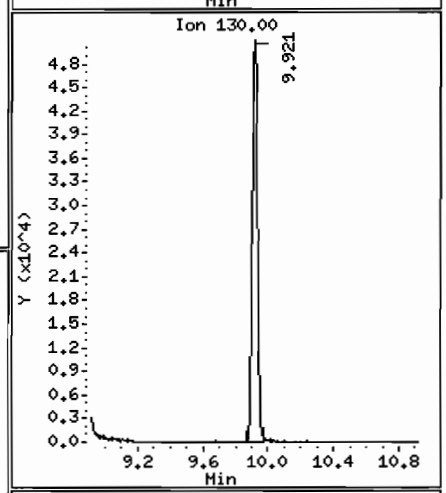


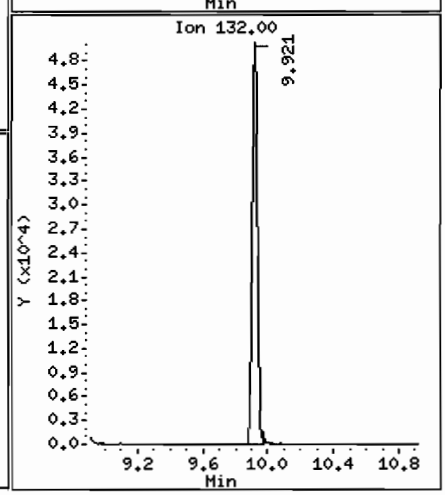












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

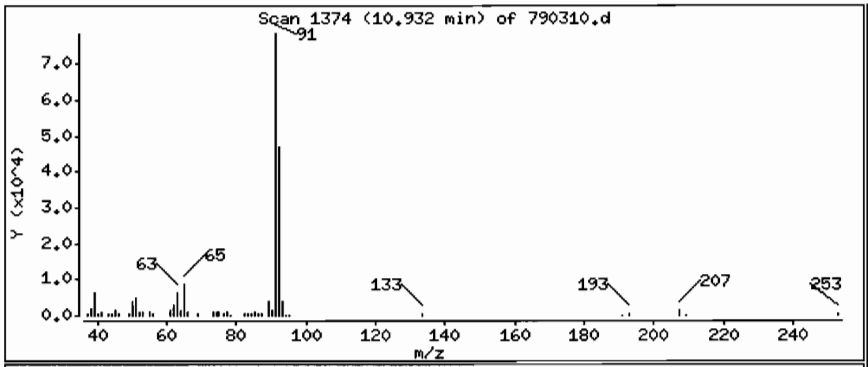
Operator: pad

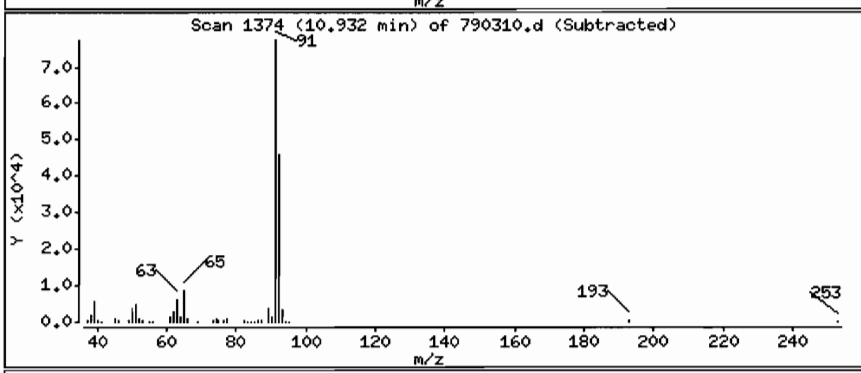
Column phase: RTX-624

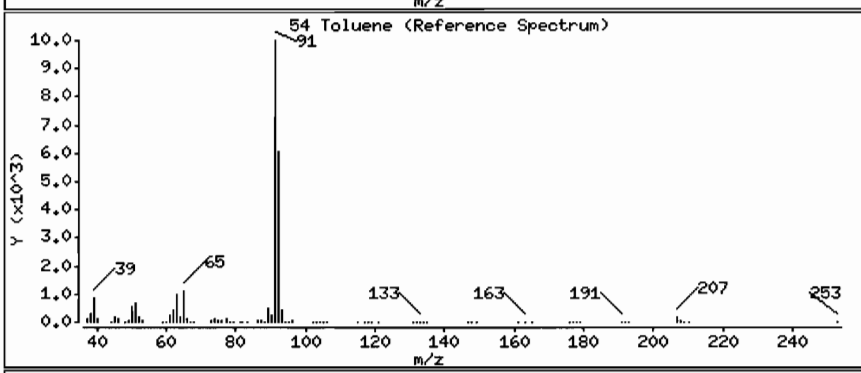
Column diameter: 0.32

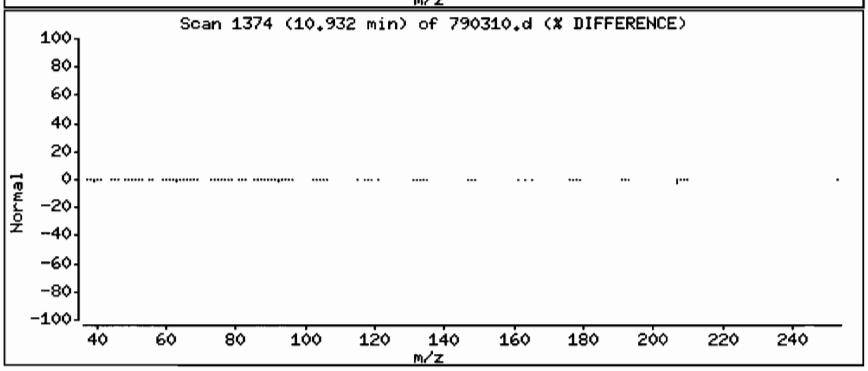
54 Toluene

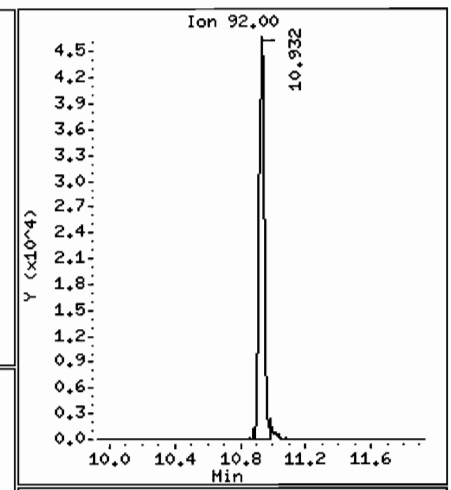
Concentration: 1.1 ppbv

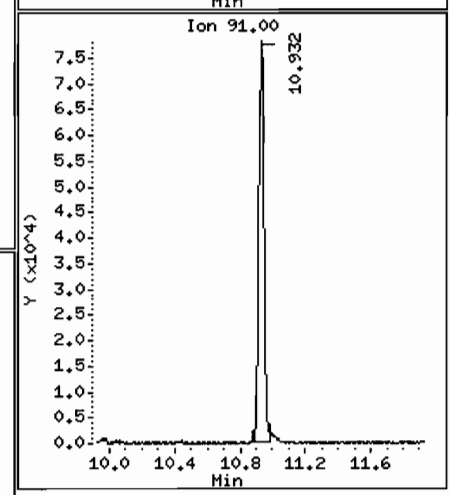












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[J03/25/09 @1408(AIR)

Purge Volume: 200.0

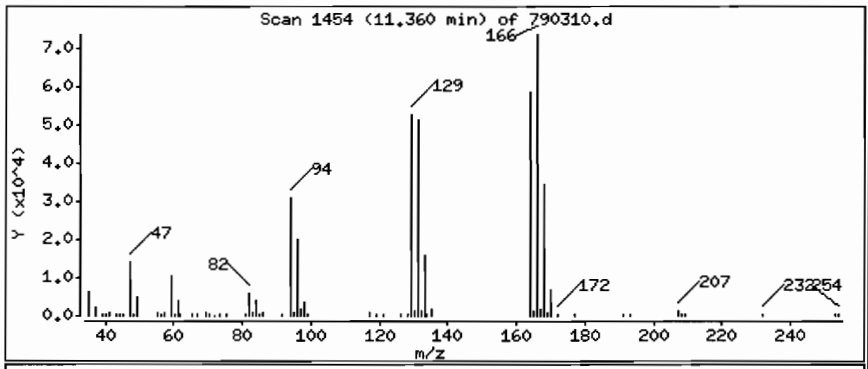
Operator: pad

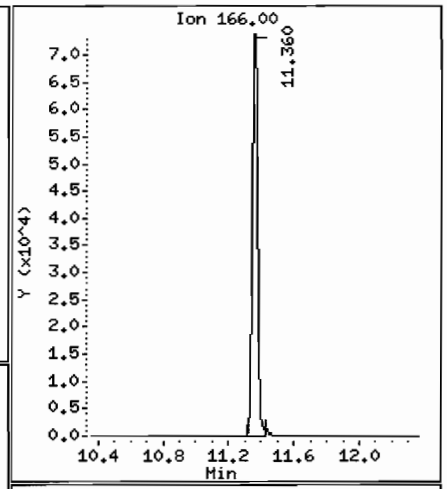
Column phase: RTX-624

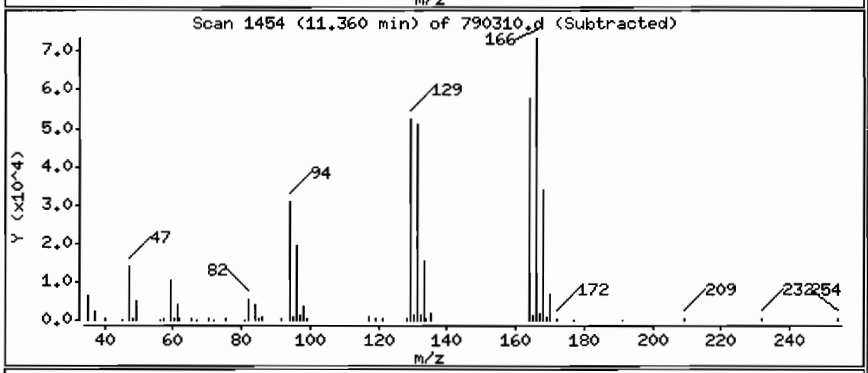
Column diameter: 0.32

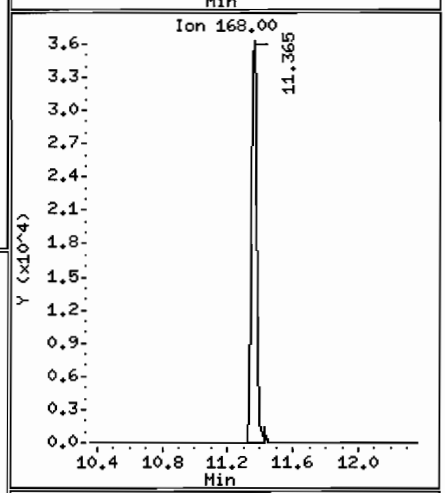
57 Tetrachloroethene

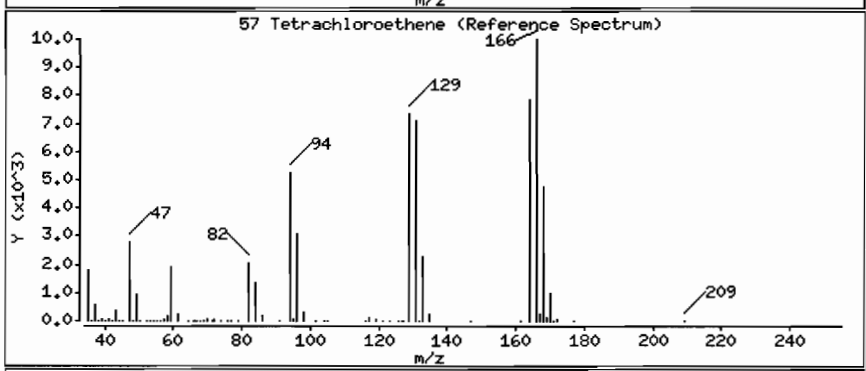
Concentration: 1.8 ppbv

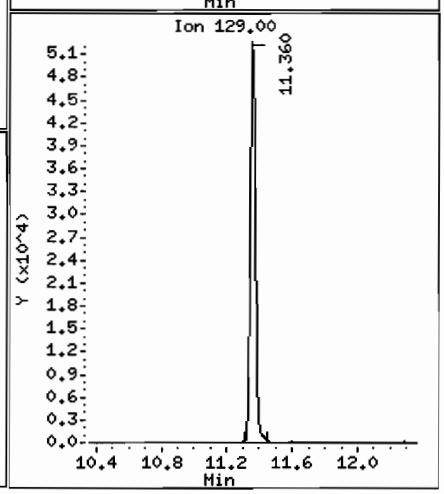


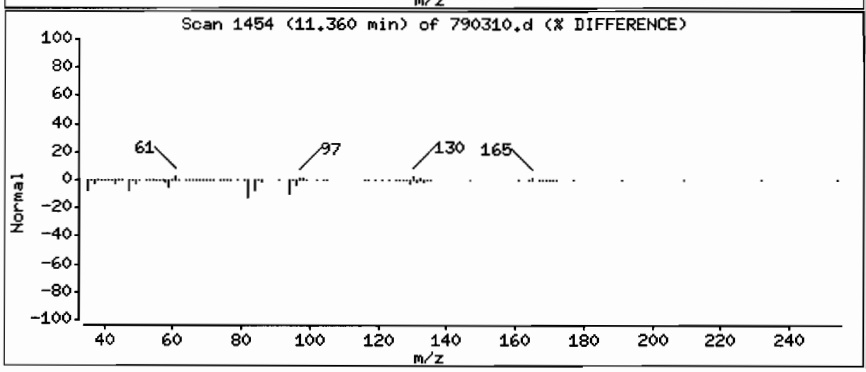












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

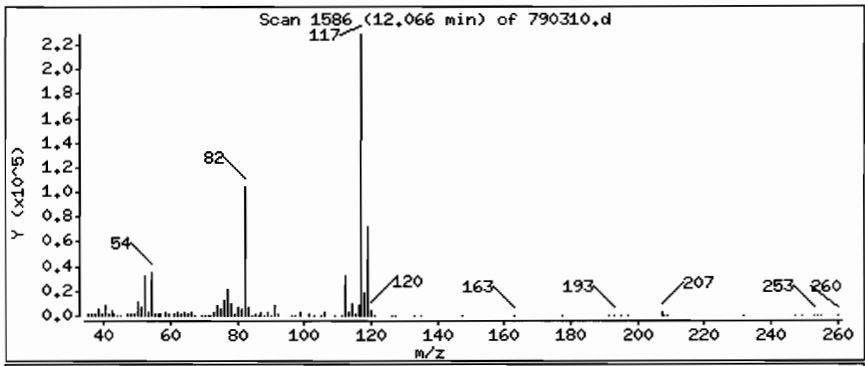
Operator: pad

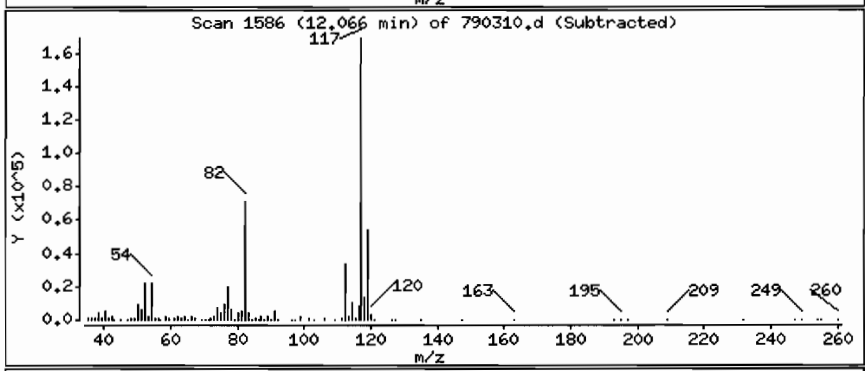
Column phase: RTX-624

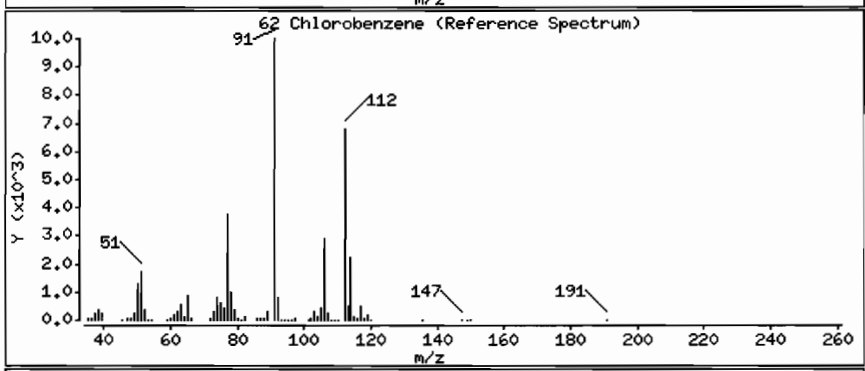
Column diameter: 0.32

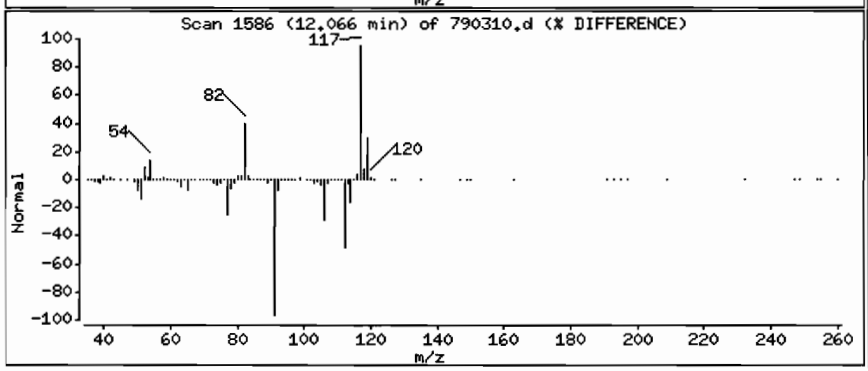
62 Chlorobenzene

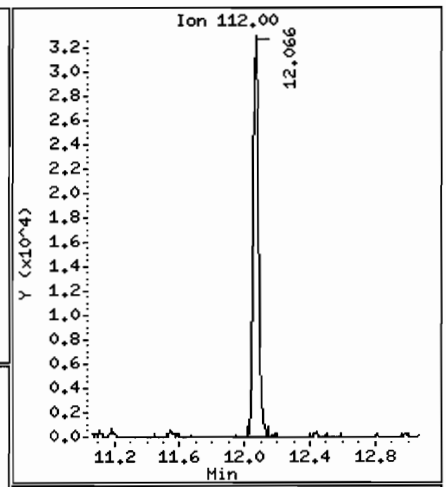
Concentration: 0.58 ppbv

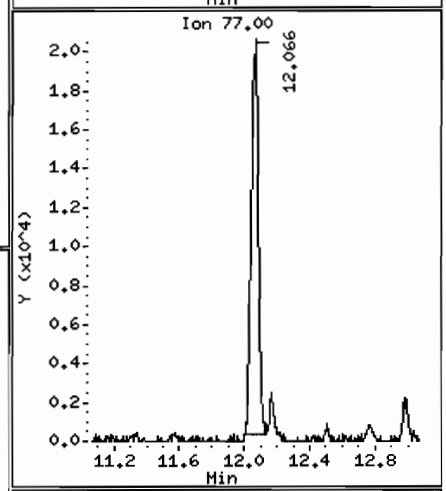


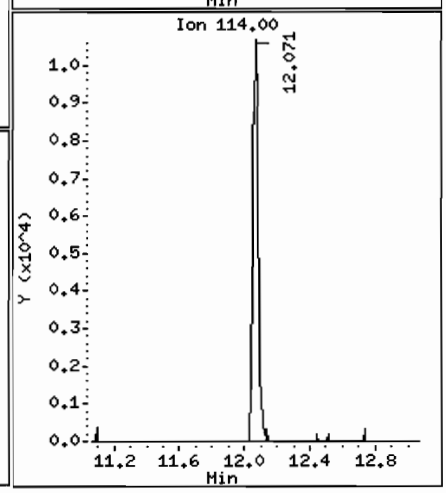












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790310.d

Date : 02-APR-2009 11:11

Client ID: 25VP-31V4

Instrument: F.i

Sample Info: 20090325VP-31V4 :[ ]03/25/09 @1408(AIR)

Purge Volume: 200.0

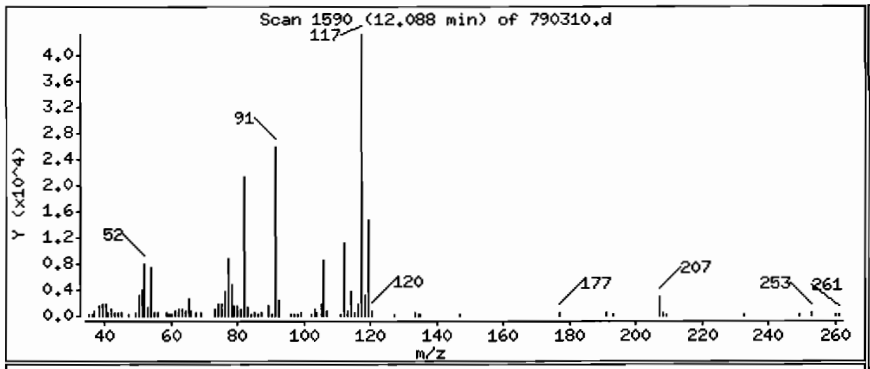
Operator: pad

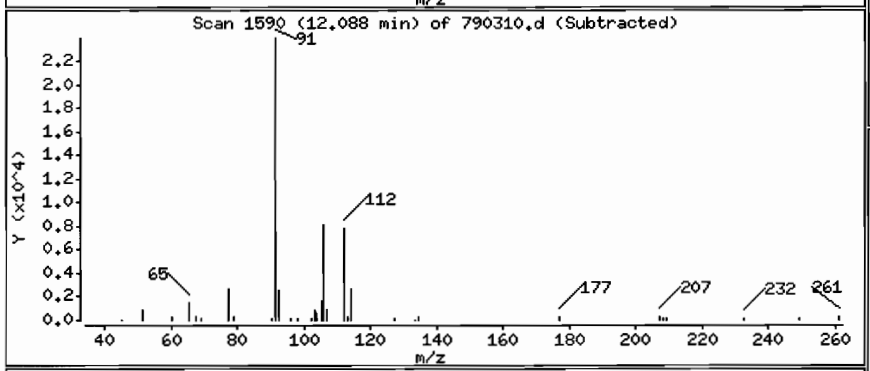
Column phase: RTX-624

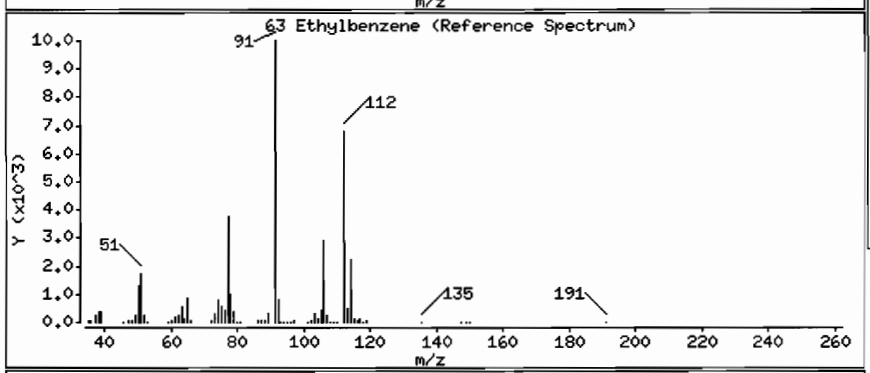
Column diameter: 0.32

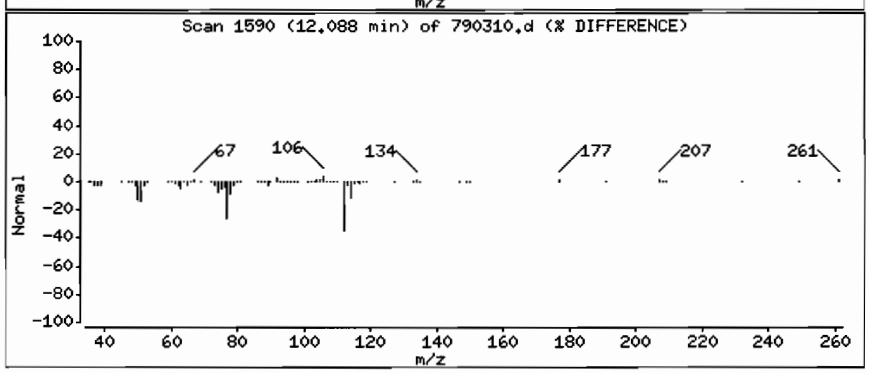
63 Ethylbenzene

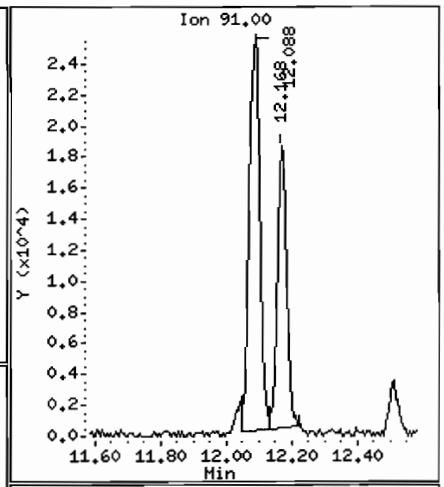
Concentration: 0.28 ppbv

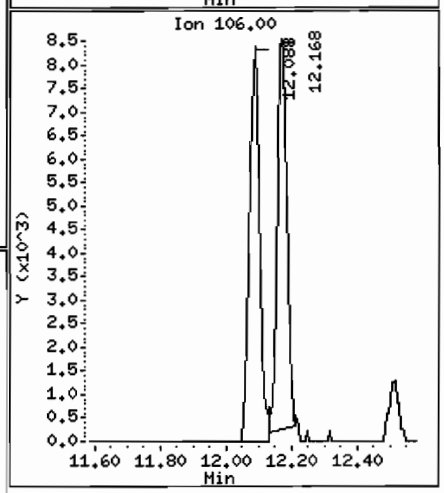












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-32V2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790311

Sample wt/vol: 24.00 (g/mL) ML Lab File ID: 790311D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 99.2

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	20	U
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	150	
75-09-2	Methylene Chloride	50	U
156-60-5	trans-1,2-Dichloroethene	20	U
75-34-3	1,1-Dichloroethane	20	U
78-93-3	Methyl Ethyl Ketone	50	U
156-59-2	cis-1,2-Dichloroethene	20	U
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	45	
107-06-2	1,2-Dichloroethane	20	U
79-01-6	Trichloroethene	20	U
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	180	
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	20	U
591-78-6	Methyl Butyl Ketone	50	U
124-48-1	Dibromochloromethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
1330-20-7	Xylene (m,p)	53	
95-47-6	Xylene (o)	23	
100-42-5	Styrene	20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-32V2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790311

Sample wt/vol: 24.00 (g/mL) ML Lab File ID: 790311D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 99.2

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

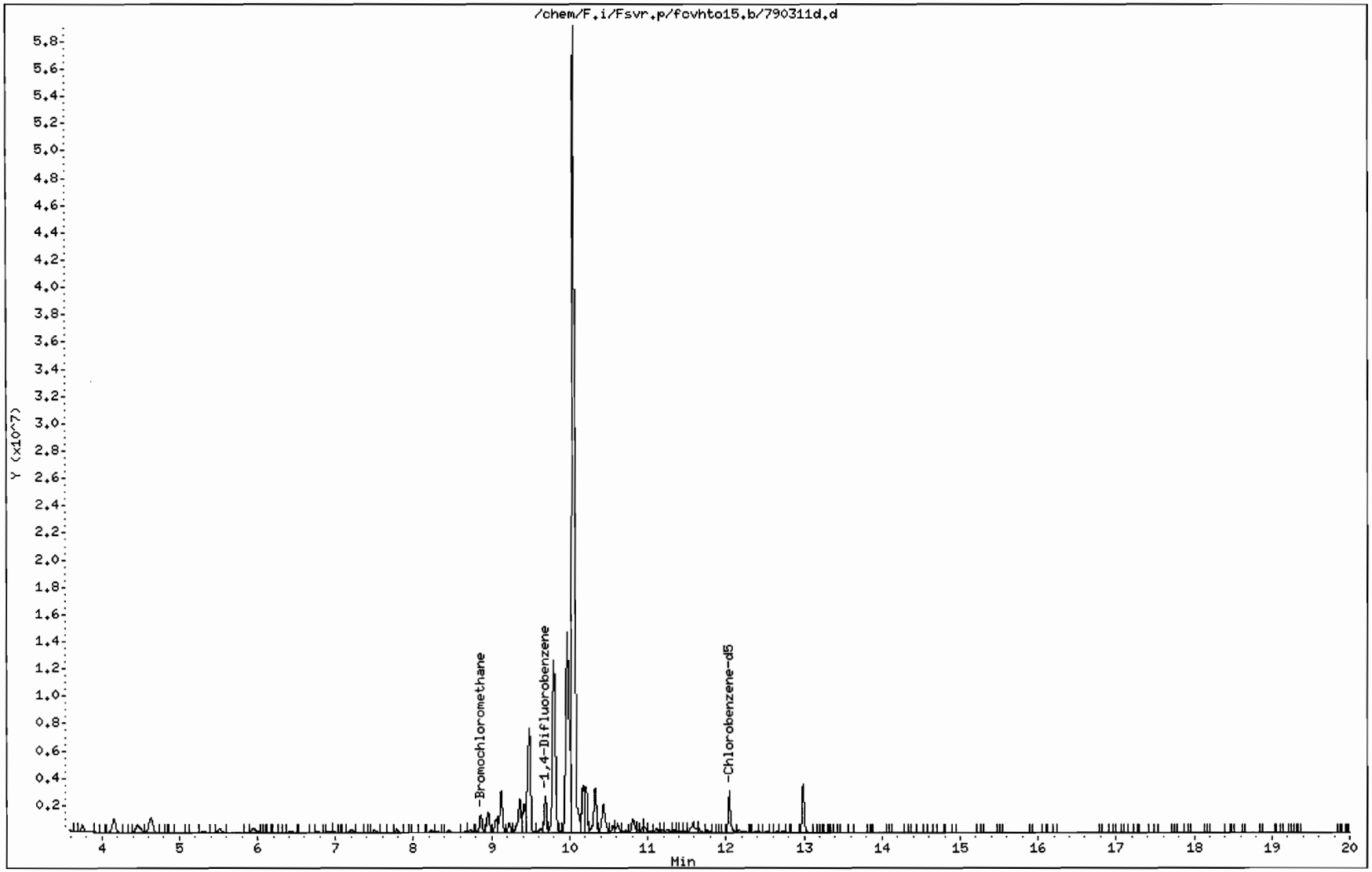
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790311d.d
Date : 03-APR-2009 04:57
Client ID: 25VP-32V2
Sample Info: 20090325VP-32V2 :[ ]03/25/09 @1416(AIR)
Purge Volume: 24.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/790311d.d
Lab Smp Id: 790311 Client Smp ID: 25VP-32V2
Inj Date : 03-APR-2009 04:57
Operator : pad Inst ID: F.i
Smp Info : 20090325VP-32V2 :[ ]03/25/09 @1416(AIR)
Misc Info : 790311;040209FA;99.2;24;cdf11.9
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 4
Dil Factor: 99.20000
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	99.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	24.00000	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	6.973	6.962	(0.786)	144594	1.55709	150
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	8.867	8.861	(1.000)	461494	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	9.391	9.386	(0.970)	50196	0.44958	45(M)
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2381994	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	10.932	10.926	(0.908)	167598	1.81057	180
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	12.045	12.039	(1.000)	2117290	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	Compound Not Detected.					
64 Xylene (m,p)	106	12.168	12.168	(1.010)	45626	0.53771	53
65 Xylene (o)	106	12.505	12.505	(1.038)	18987	0.23499	23
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/F.i/Fsvr.p/fcvhto15.b/790311d.d

Date : 03-APR-2009 04:57

Client ID: 25VP-32V2

Instrument: F.i

Sample Info: 20090325VP-32V2 :[ ]03/25/09 @1416(AIR)

Purge Volume: 24.0

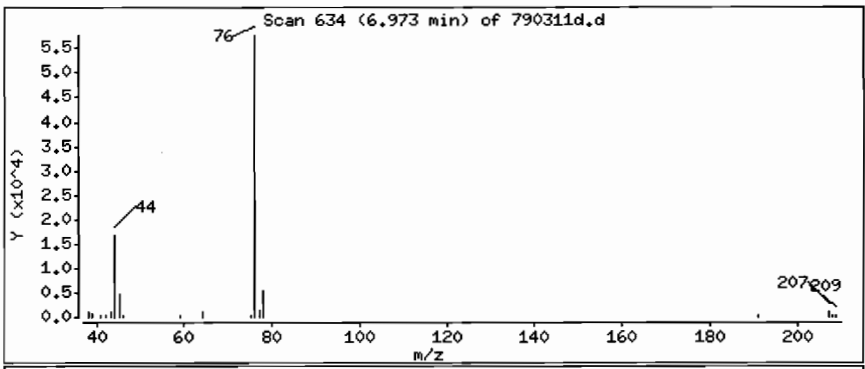
Operator: pad

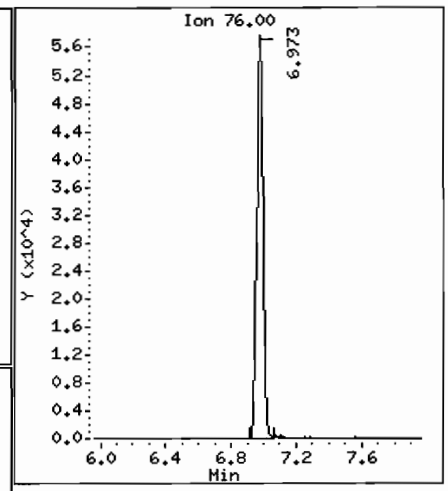
Column phase: RTX-624

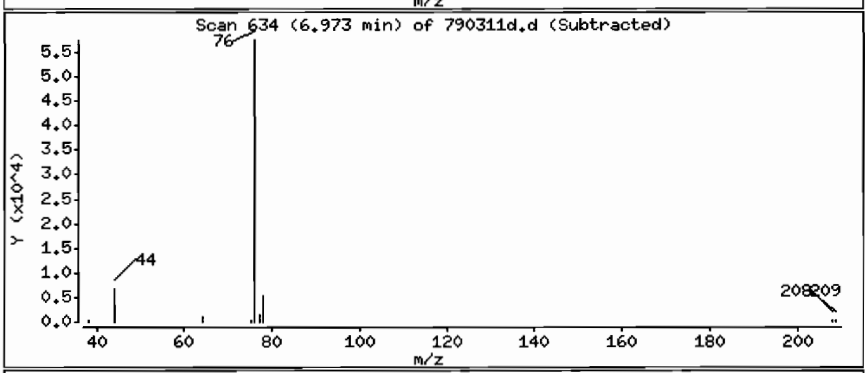
Column diameter: 0.32

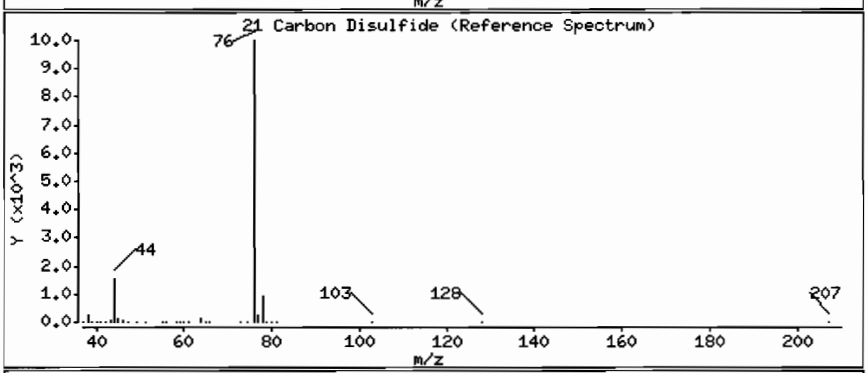
21 Carbon Disulfide

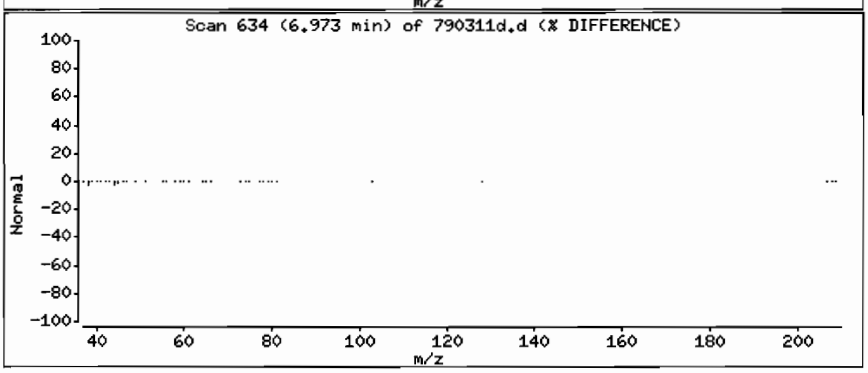
Concentration: 150 ppbv











Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790311d.d

Date : 03-APR-2009 04:57

Client ID: 25VP-32V2

Instrument: F.i

Sample Info: 20090325VP-32V2 :[ ]03/25/09 @1416(AIR)

Purge Volume: 24.0

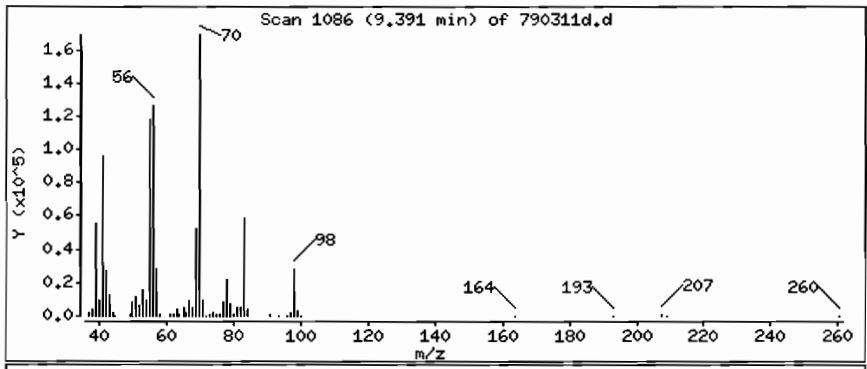
Operator: pad

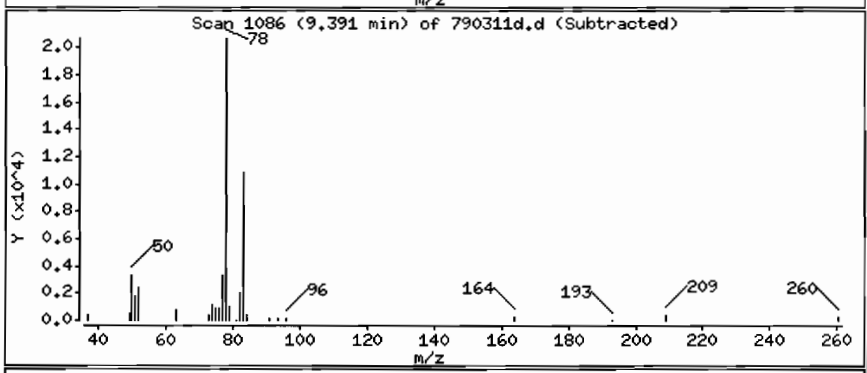
Column phase: RTX-624

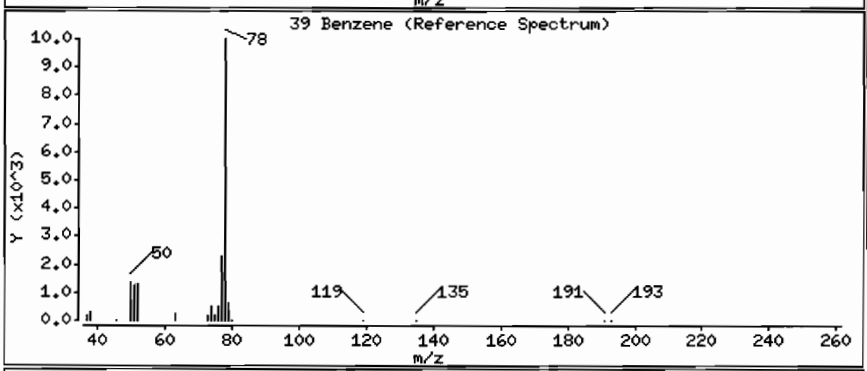
Column diameter: 0.32

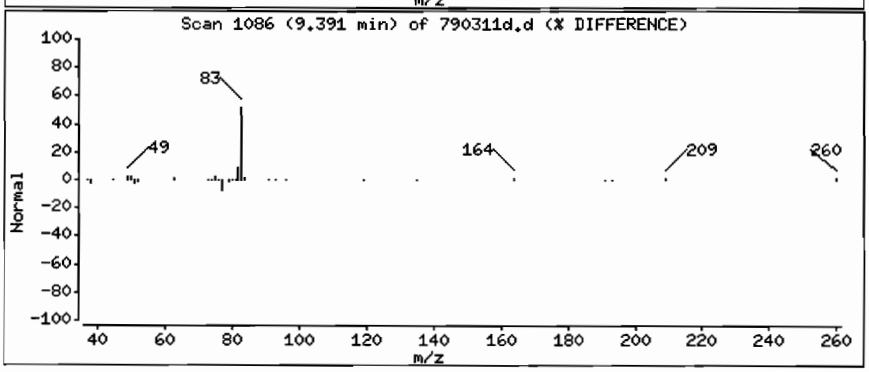
39 Benzene

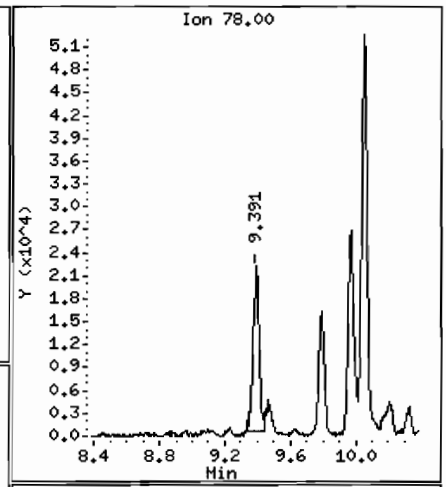
Concentration: 45 ppbv

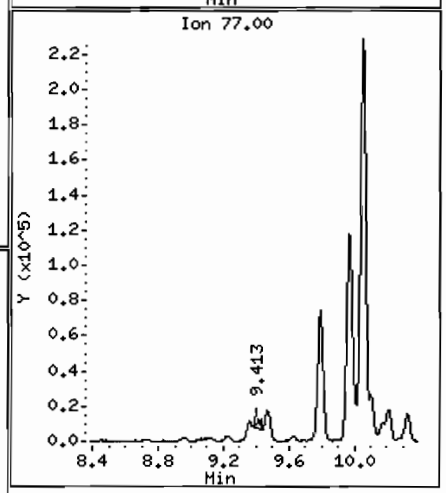












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790311d.d

Date : 03-APR-2009 04:57

Client ID: 25VP-32V2

Instrument: F.i

Sample Info: 20090325VP-32V2 :[ ]03/25/09 @1416(AIR)

Purge Volume: 24.0

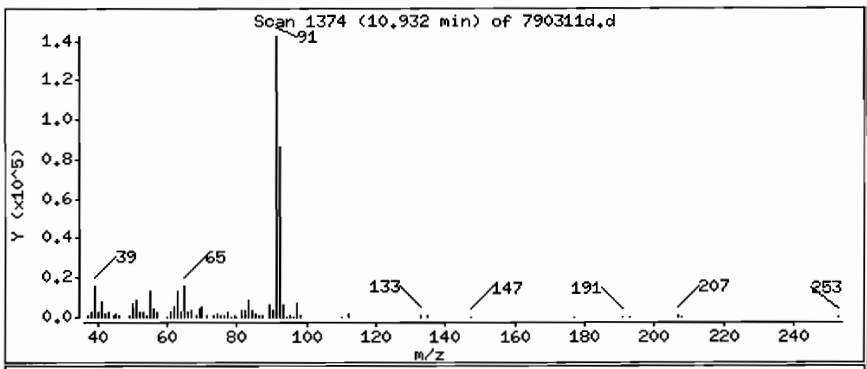
Operator: pad

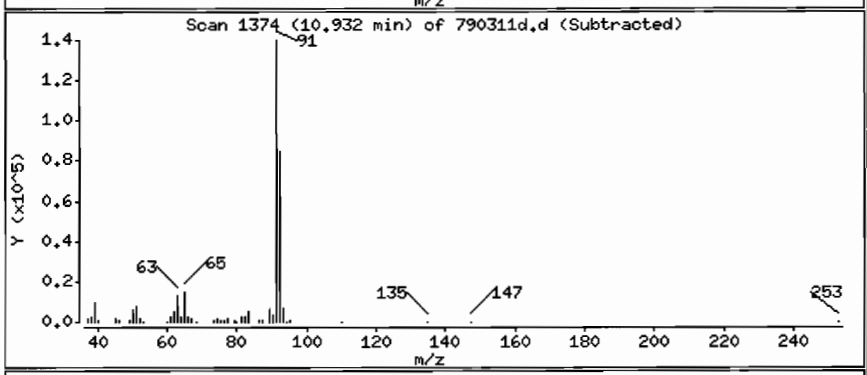
Column phase: RTX-624

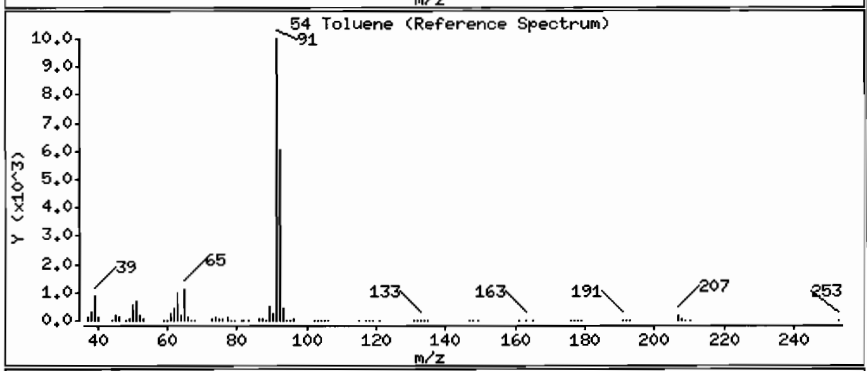
Column diameter: 0.32

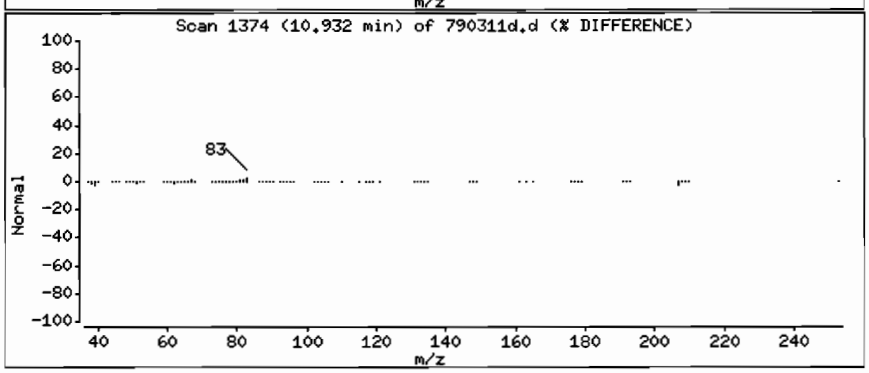
54 Toluene

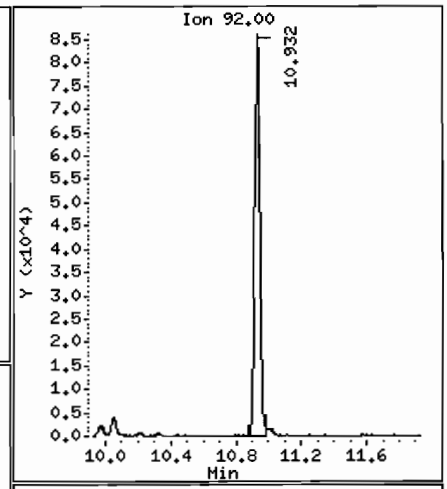
Concentration: 180 ppbv

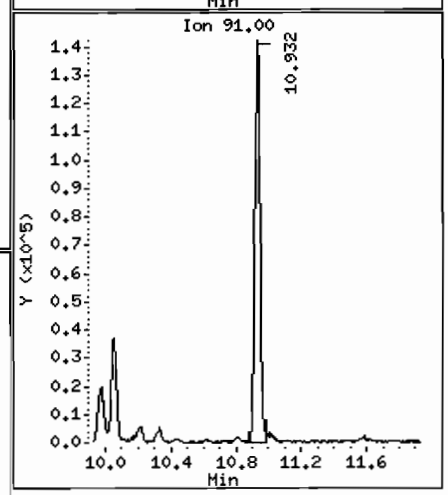












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790311d.d

Date : 03-APR-2009 04:57

Client ID: 25VP-32V2

Instrument: F.i

Sample Info: 20090325VP-32V2 :[ ]03/25/09 @1416(AIR)

Purge Volume: 24.0

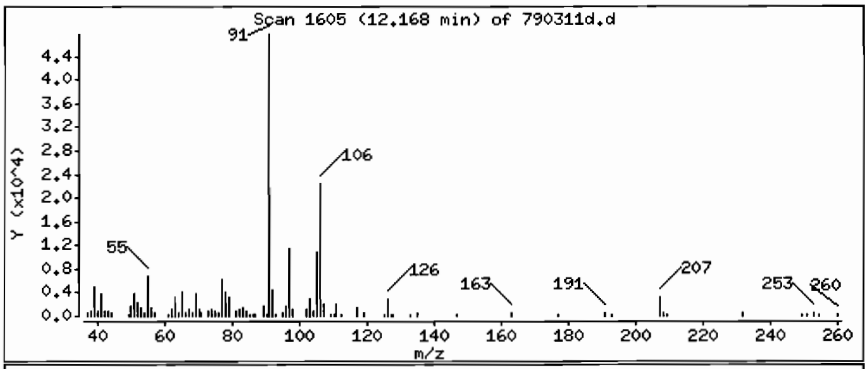
Operator: pad

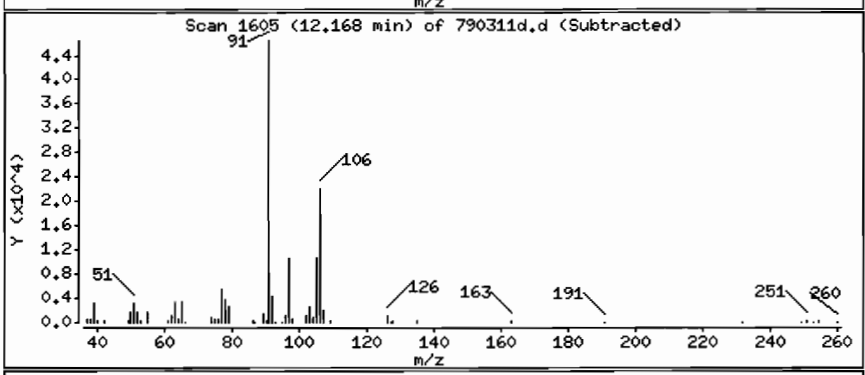
Column phase: RTX-624

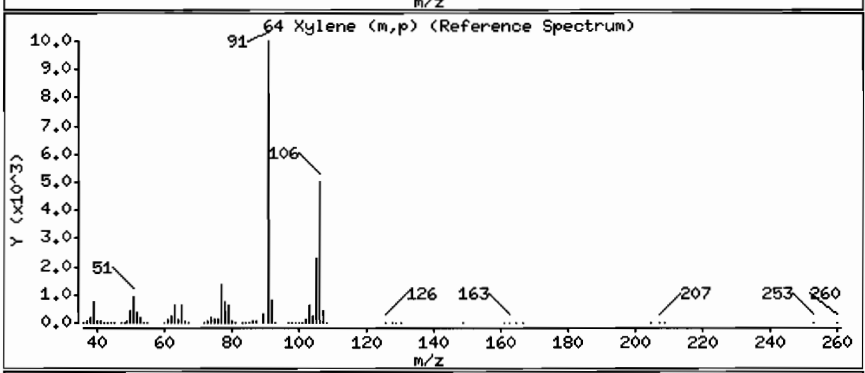
Column diameter: 0.32

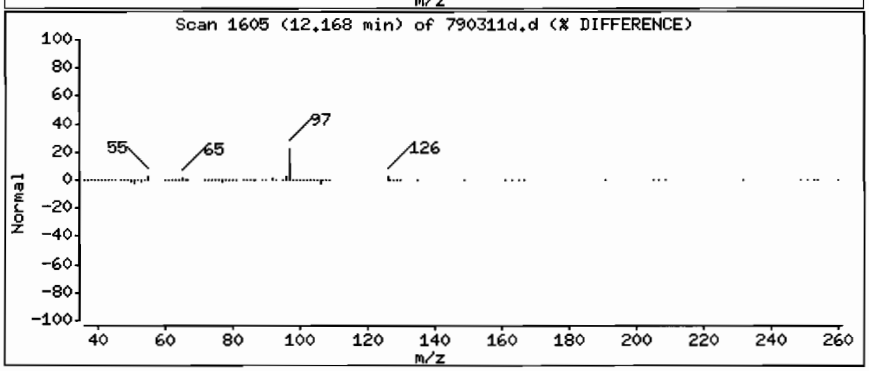
64 Xylene (m,p)

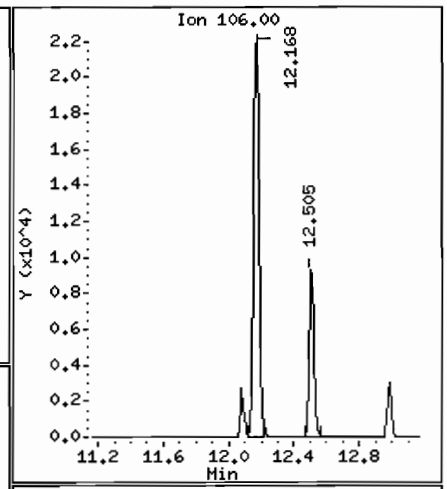
Concentration: 53 ppbv

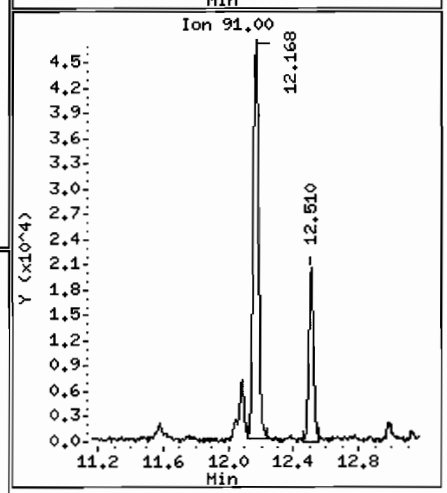












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790311d.d

Date : 03-APR-2009 04:57

Client ID: 25VP-32V2

Instrument: F.i

Sample Info: 20090325VP-32V2 :[ ]03/25/09 @1416(AIR)

Purge Volume: 24.0

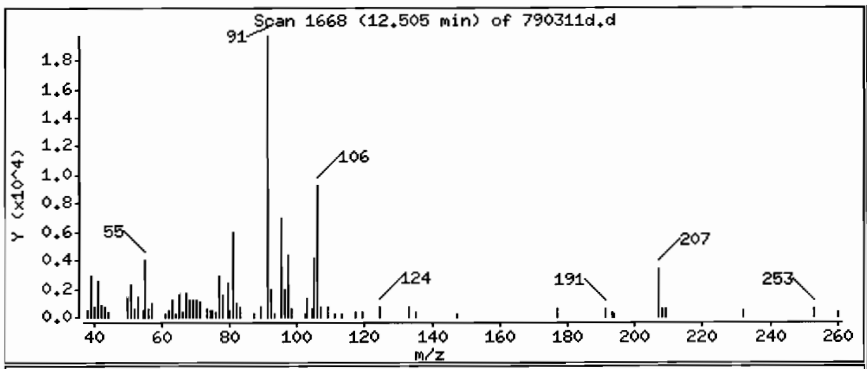
Operator: pad

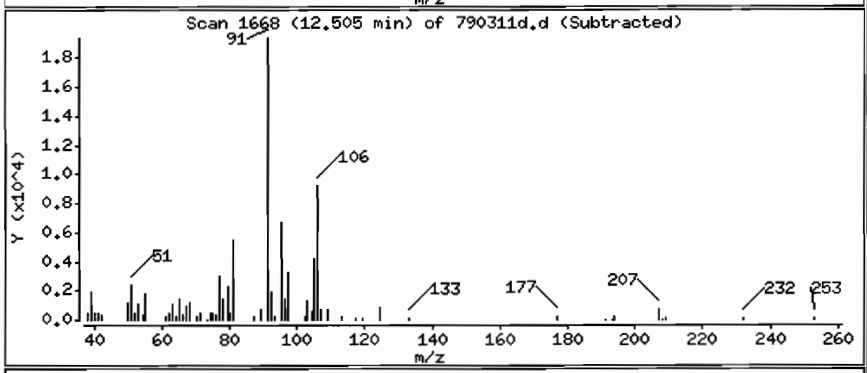
Column phase: RTX-624

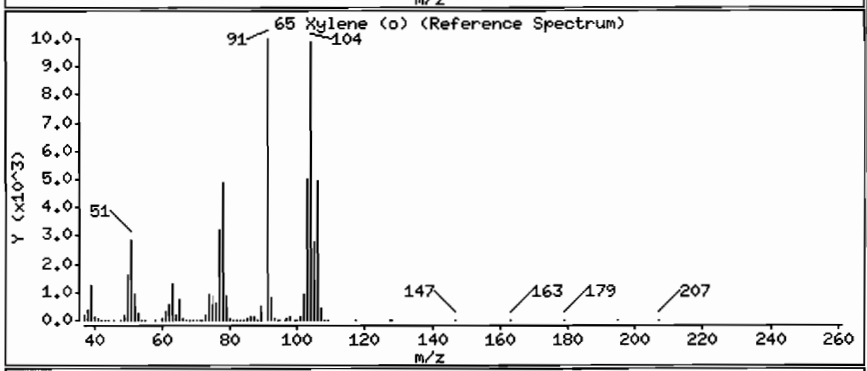
Column diameter: 0.32

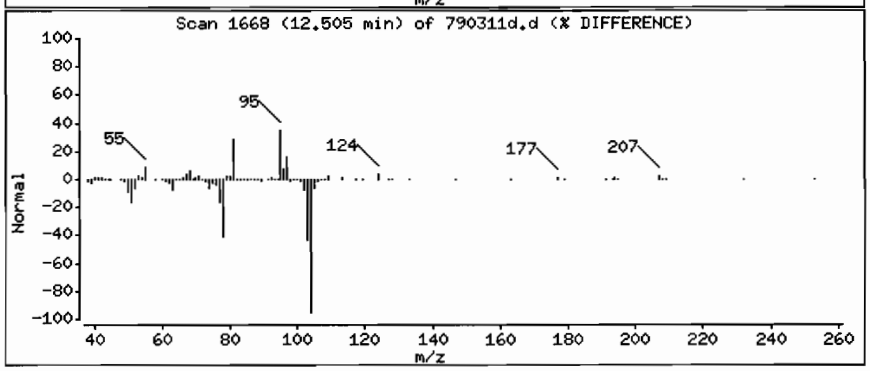
65 Xylene (o)

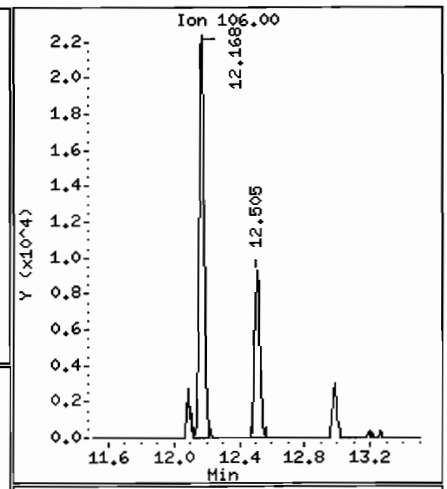
Concentration: 23 ppbv

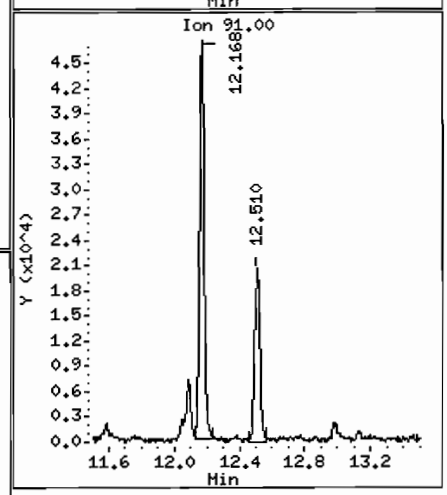










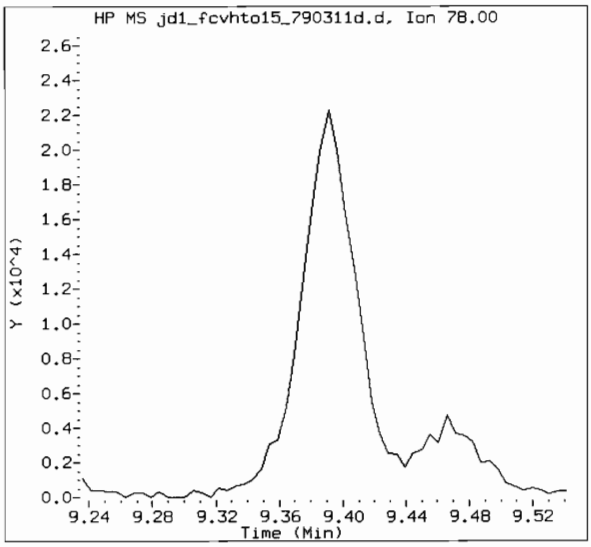


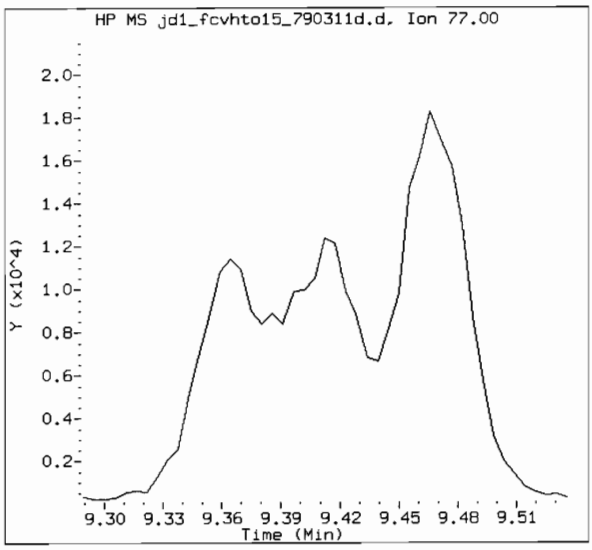
MANUAL INTEGRATION REPORT

Data File Name: 790311d.d
Client Sample ID: 25VP-32V2
Compound Name: Benzene

Inj. Date and Time: 03-APR-2009 04:57
Instrument ID: F.i
CAS #: 71-43-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:35





Original Integrations:

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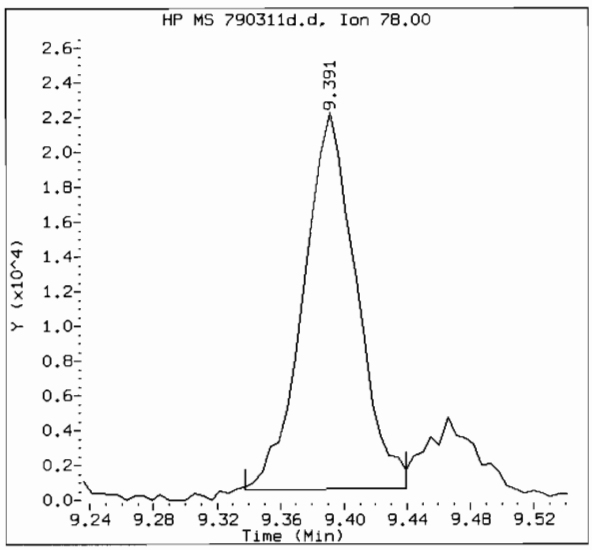
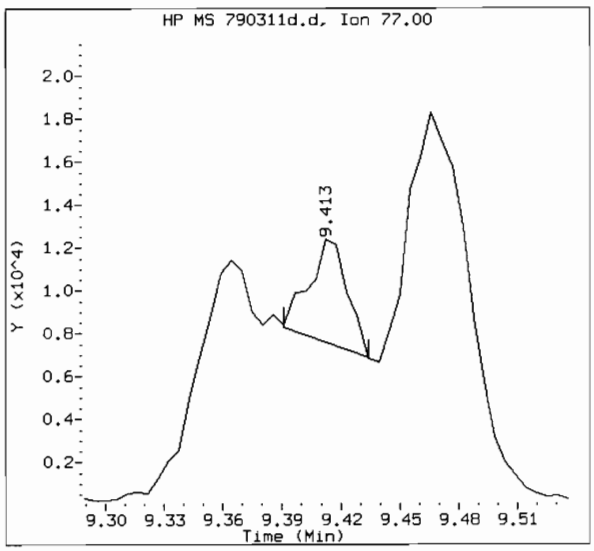
Area = 171305





Final Integrations:

Area = 50196

Area = 6543

Manual Integration Reason: MI2 - Peak missed

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-33V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790308

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 790308D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 611.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	120	U
74-83-9	Bromomethane	120	U
75-00-3	Chloroethane	310	U
75-35-4	1,1-Dichloroethene	120	U
67-64-1	Acetone	3100	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	310	U
156-60-5	trans-1,2-Dichloroethene	120	U
75-34-3	1,1-Dichloroethane	120	U
78-93-3	Methyl Ethyl Ketone	310	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	120	U
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	310	U
108-88-3	Toluene	120	U
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	310	U
124-48-1	Dibromochloromethane	120	U
108-90-7	Chlorobenzene	120	U
100-41-4	Ethylbenzene	120	U
1330-20-7	Xylene (m,p)	310	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.

25VP-33V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790308

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 790308D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/04/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 611.0

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

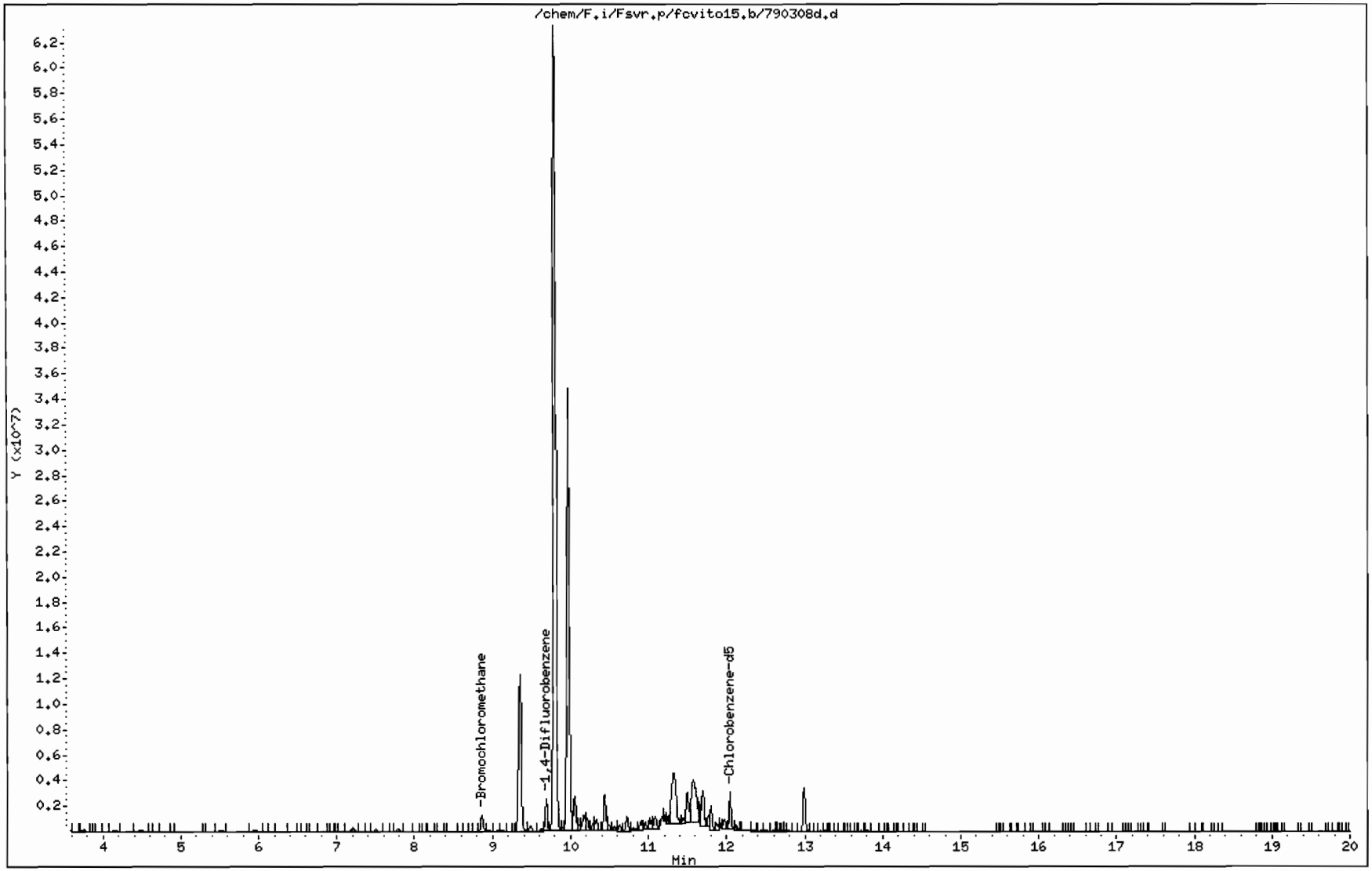
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	120	U
79-34-5	1,1,2,2-Tetrachloroethane	120	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvito15.b/790308d.d
Date : 04-APR-2009 14:03
Client ID: 25VP-33V3
Sample Info: 20090325VP-33V3 :[ ]03/25/09 @1140(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 3

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvito15.b/790308d.d
Lab Smp Id: 790308 Client Smp ID: 25VP-33V3
Inj Date : 04-APR-2009 14:03
Operator : njr Inst ID: F.i
Smp Info : 20090325VP-33V3 :[ ]03/25/09 @1140(AIR)
Misc Info : 790308;040409FA;611;20;cdf61.1
Comment :
Method : /chem/F.i/Fsvr.p/fcvito15.b/sto15.m
Meth Date : 14-Apr-2009 20:38 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 6
Dil Factor: 611.00000
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	611.00000	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	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	8.867	8.861	(1.000)	453519	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	9.685	9.685	(1.000)	2379241	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	12.045	12.039	(1.000)	2066569	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.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-34V2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790309

Sample wt/vol: 100.0 (g/mL) ML Lab File ID: 790309D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	1.2	
75-01-4	Vinyl Chloride	0.43	
74-83-9	Bromomethane	0.40	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethene	0.40	U
67-64-1	Acetone	53	
75-15-0	Carbon Disulfide	4.7	
75-09-2	Methylene Chloride	1.0	U
156-60-5	trans-1,2-Dichloroethene	0.49	
75-34-3	1,1-Dichloroethane	1.6	
78-93-3	Methyl Ethyl Ketone	3.2	
156-59-2	cis-1,2-Dichloroethene	20	
67-66-3	Chloroform	3.3	
71-55-6	1,1,1-Trichloroethane	0.40	U
56-23-5	Carbon Tetrachloride	0.43	
71-43-2	Benzene	0.73	
107-06-2	1,2-Dichloroethane	2.8	
79-01-6	Trichloroethene	3.6	
78-87-5	1,2-Dichloropropane	0.40	U
75-27-4	Bromodichloromethane	0.40	U
10061-01-5	cis-1,3-Dichloropropene	0.40	U
108-10-1	Methyl Isobutyl Ketone	1.0	U
108-88-3	Toluene	6.9	
10061-02-6	trans-1,3-Dichloropropene	0.40	U
79-00-5	1,1,2-Trichloroethane	0.40	U
127-18-4	Tetrachloroethene	28	
591-78-6	Methyl Butyl Ketone	1.0	U
124-48-1	Dibromochloromethane	0.40	U
108-90-7	Chlorobenzene	0.40	U
100-41-4	Ethylbenzene	5.0	
1330-20-7	Xylene (m,p)	10	
95-47-6	Xylene (o)	2.4	
100-42-5	Styrene	0.40	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-34V2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790309

Sample wt/vol: 100.0 (g/mL) ML Lab File ID: 790309D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.0

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

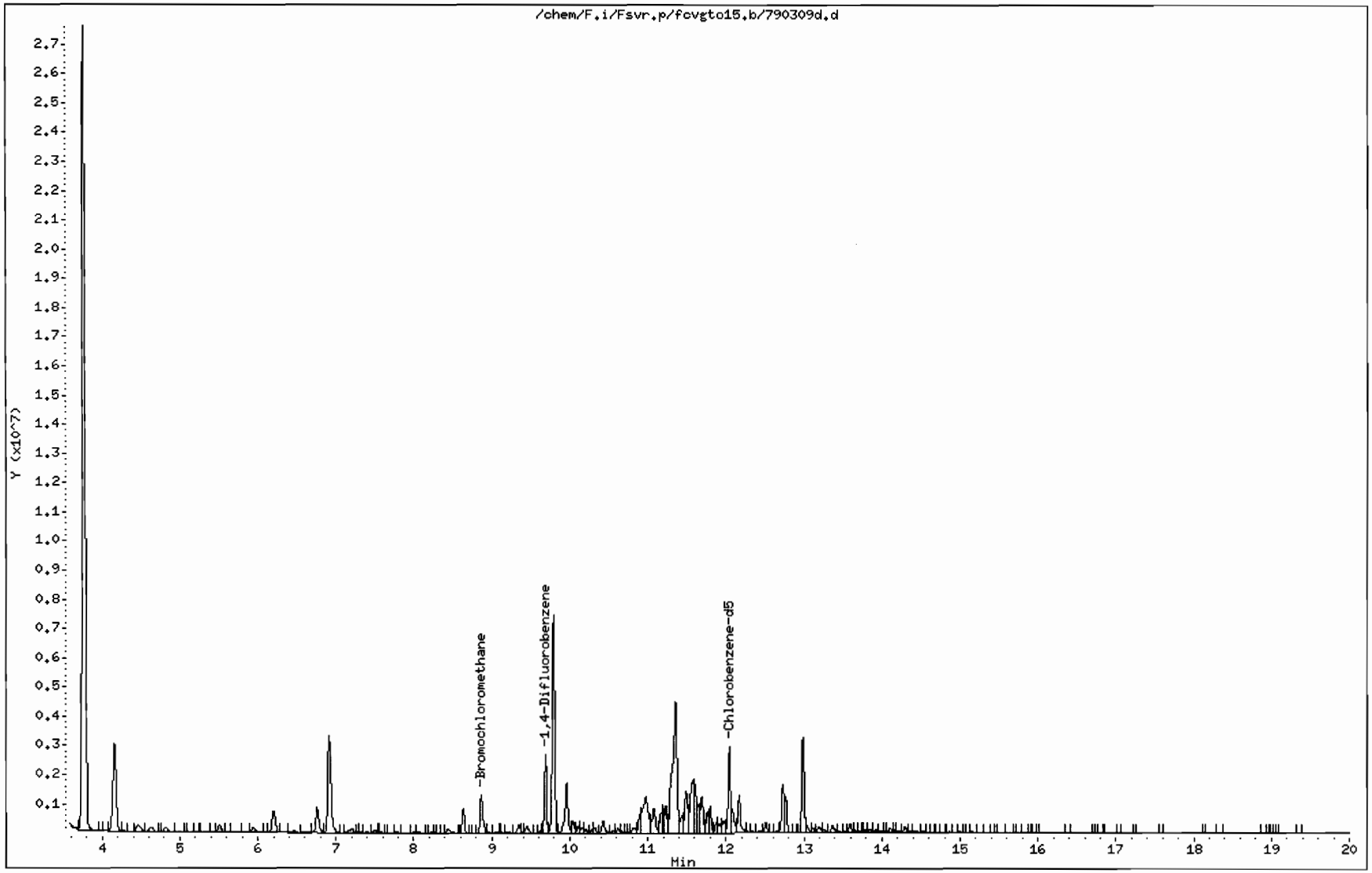
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.40	U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d
Date : 02-APR-2009 10:22
Client ID: 25VP-34V2
Sample Info: 20090325VP-34V2 :[103/25/09 @1256(AIR)
Purge Volume: 100.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d
Lab Smp Id: 790309 Client Smp ID: 25VP-34V2
Inj Date : 02-APR-2009 10:22
Operator : pad Inst ID: F.i
Smp Info : 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)
Misc Info : 790309;040109FA;2;100
Comment :
Method : /chem/F.i/Fsvr.p/fcvgto15.b/sto15.m
Meth Date : 14-Apr-2009 20:29 jdl Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 17
Dil Factor: 2.00000
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	2.00000	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	4.266	4.261	(0.481)	14151	0.61601	1.2
6 Vinyl Chloride	62	4.528	4.518	(0.511)	7040	0.21529	0.43(M)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	6.759	6.748	(0.762)	1381032	26.6137	53
21 Carbon Disulfide	76	6.973	6.962	(0.786)	219995	2.32825	4.7
24 Methylene Chloride	49	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	7.578	7.572	(0.855)	13009	0.24498	0.49(M)
29 1,1-Dichloroethane	63	8.064	8.059	(0.909)	50889	0.80347	1.6
30 Methyl Ethyl Ketone	72	8.626	8.615	(0.973)	28200	1.59636	3.2(Q)
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	422975	10.2445	20
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	469582	10.0000	(Q)
34 Chloroform	83	8.899	8.894	(1.004)	147559	1.63295	3.3
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	9.199	9.193	(0.950)	26357	0.21679	0.43
39 Benzene	78	9.391	9.386	(0.970)	41926	0.36495	0.73
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	95897	1.42036	2.8
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2450934	10.0000	
45 Trichloroethene	95	9.915	9.915	(1.024)	108336	1.79513	3.6
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	10.927	10.926	(0.908)	315003	3.46768	6.9
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	11.360	11.360	(0.944)	1256652	13.7706	28
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	12.039	12.039	(1.000)	2077795	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.082	12.082	(1.004)	517851	2.50912	5.0
64 Xylene (m,p)	106	12.168	12.168	(1.011)	432118	5.18939	10
65 Xylene (o)	106	12.505	12.505	(1.039)	94882	1.19661	2.4
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/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[103/25/09 @1256(AIR)

Purge Volume: 100.0

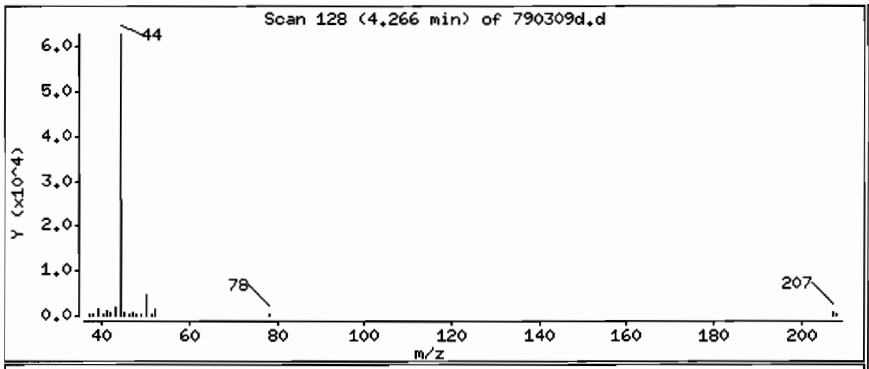
Operator: pad

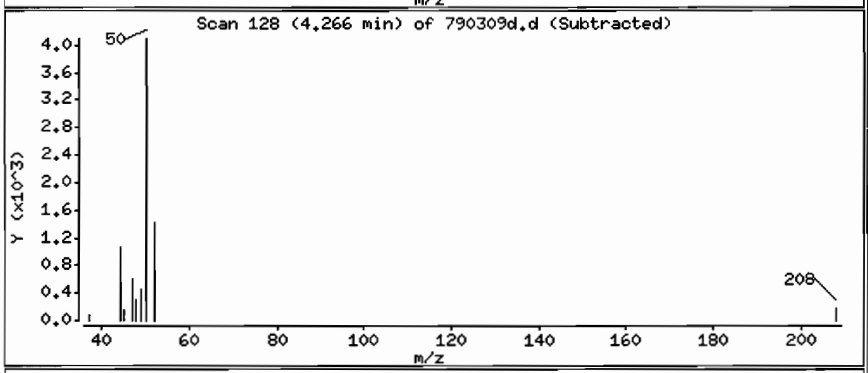
Column phase: RTX-624

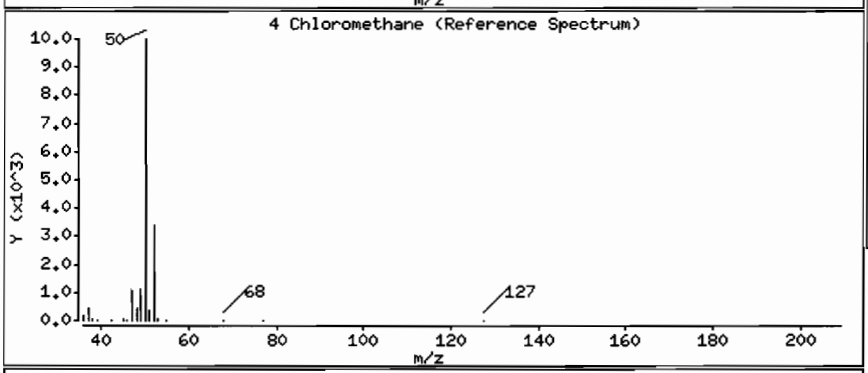
Column diameter: 0.32

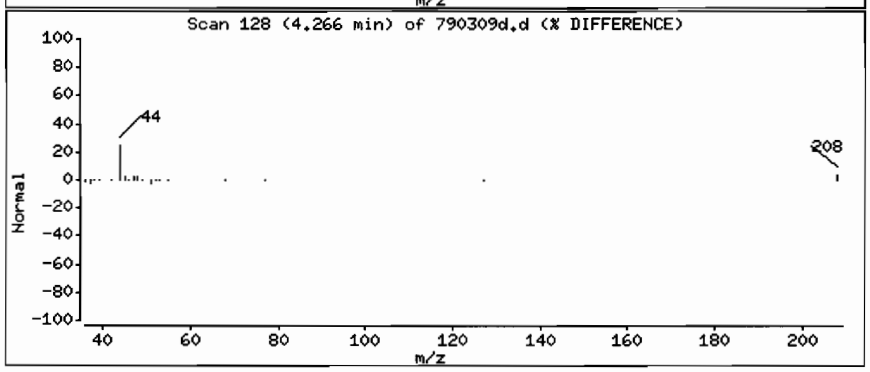
4 Chloromethane

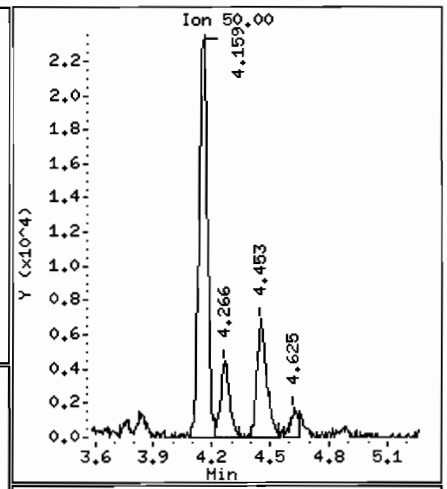
Concentration: 1.2 ppbv

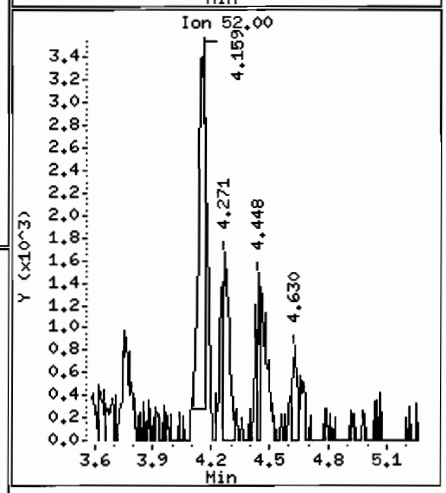












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[103/25/09 @1256(AIR)

Purge Volume: 100.0

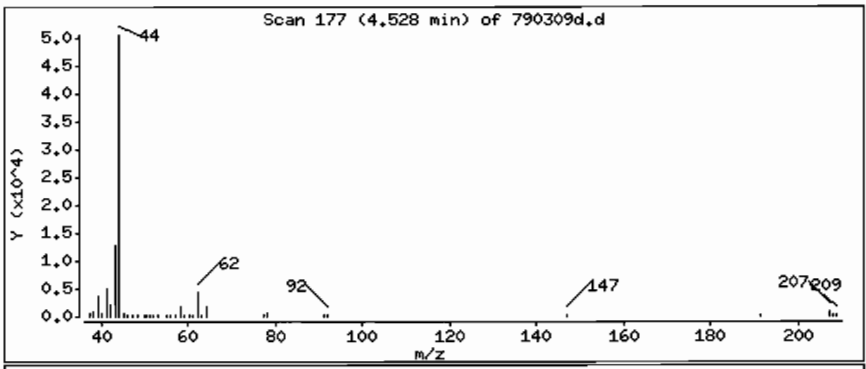
Operator: pad

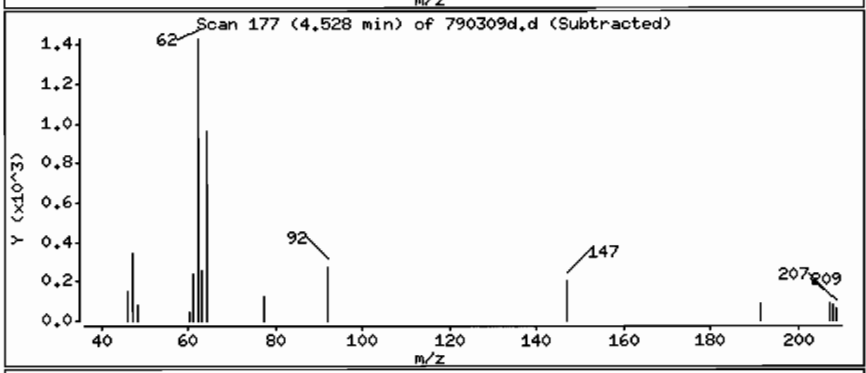
Column phase: RTX-624

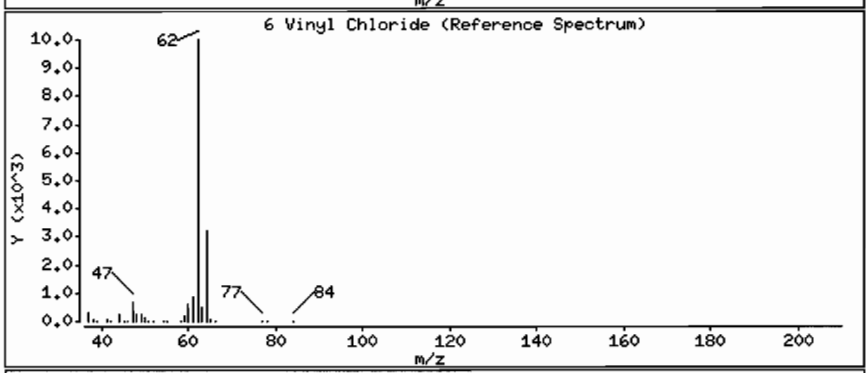
Column diameter: 0.32

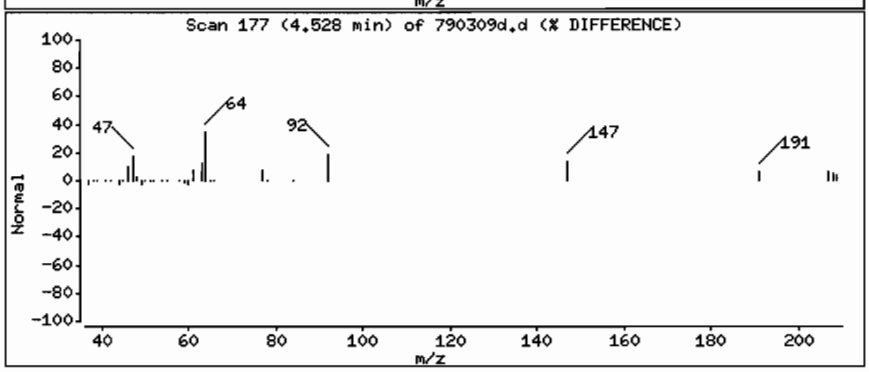
6 Vinyl Chloride

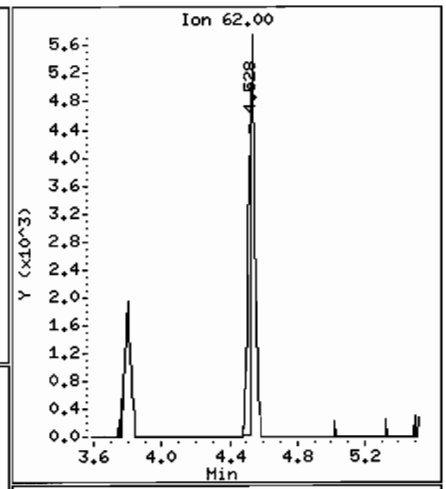
Concentration: 0.43 ppbv

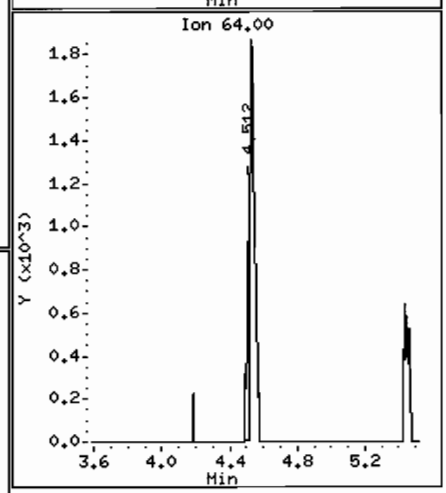












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

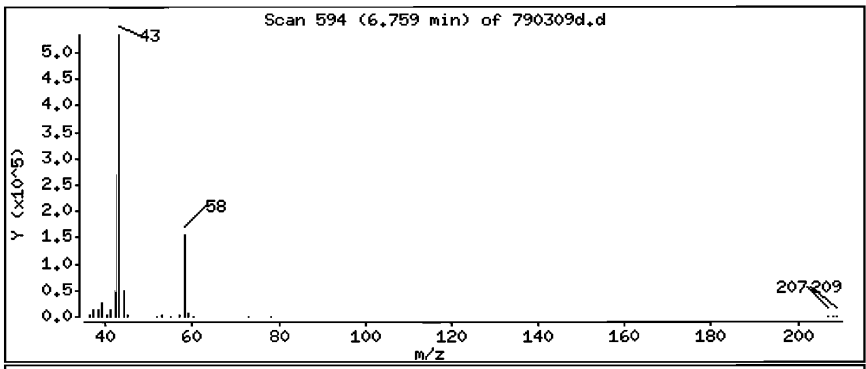
Client ID: 25VP-34V2 Instrument: F.i

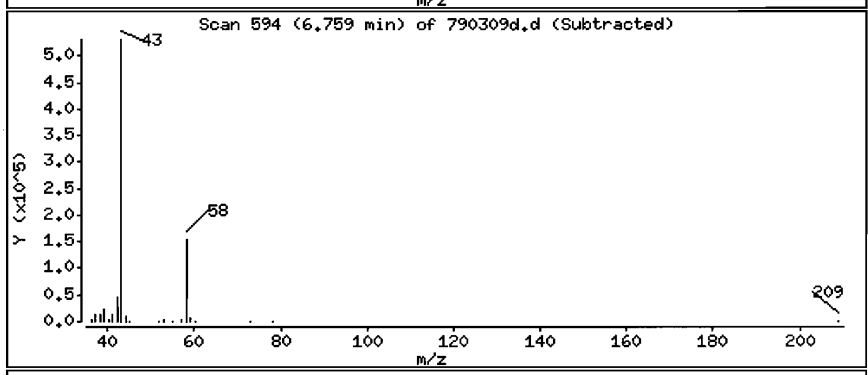
Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

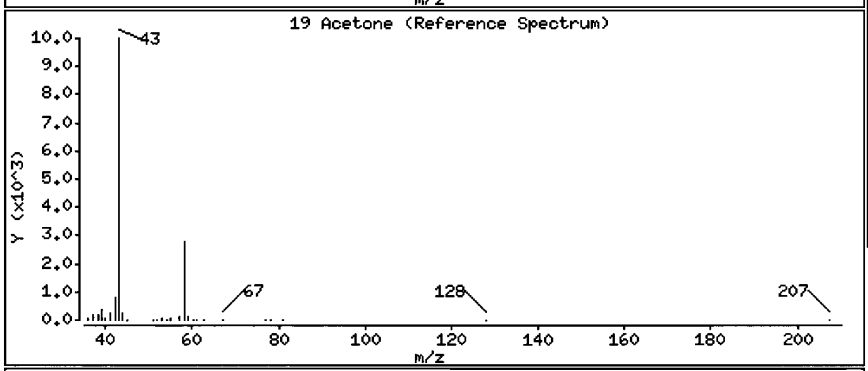
Purge Volume: 100.0 Operator: pad

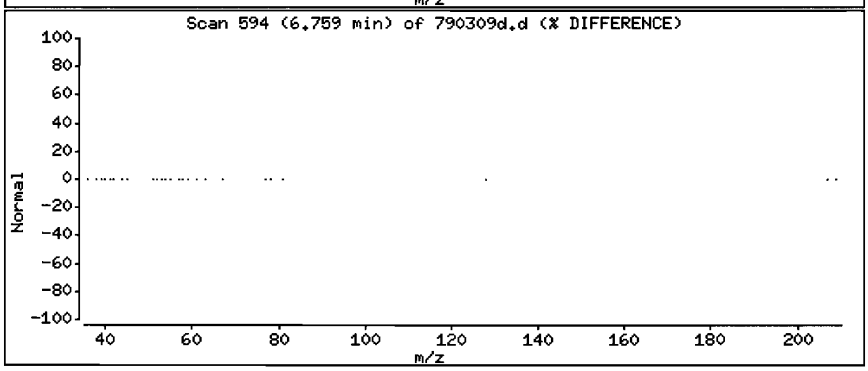
Column phase: RTX-624 Column diameter: 0.32

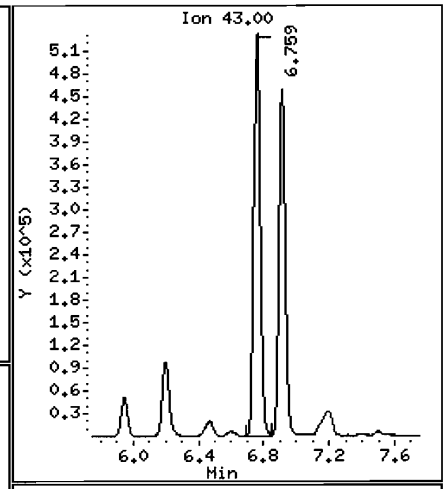
19 Acetone Concentration: 53 ppbv

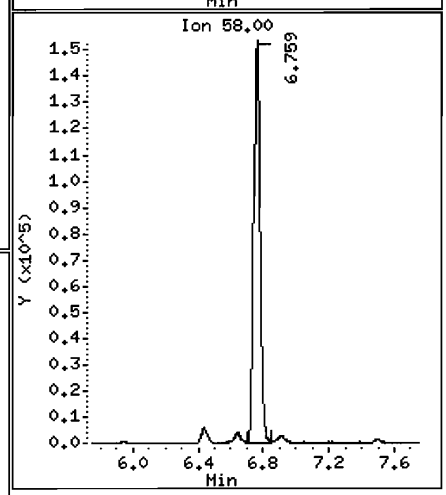












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

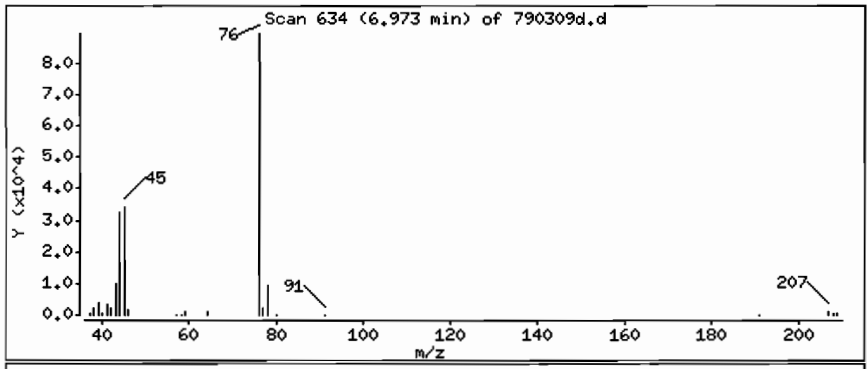
Operator: pad

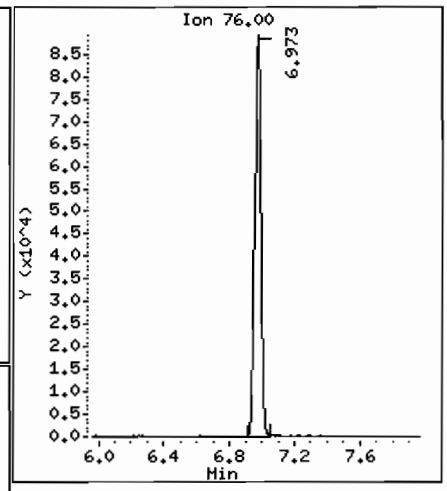
Column phase: RTX-624

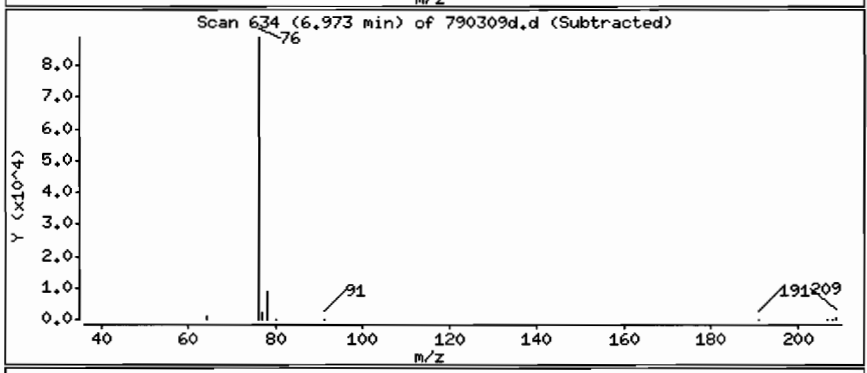
Column diameter: 0.32

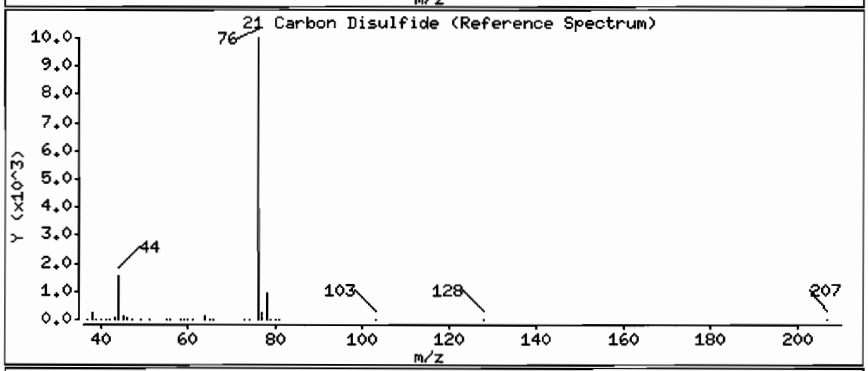
21 Carbon Disulfide

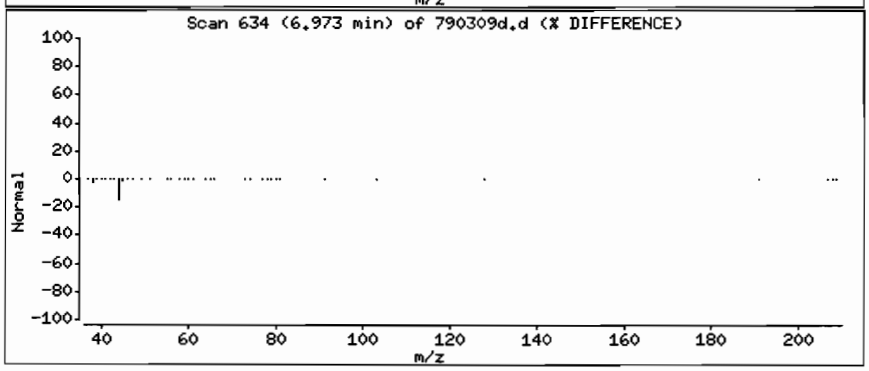
Concentration: 4.7 ppbv











Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

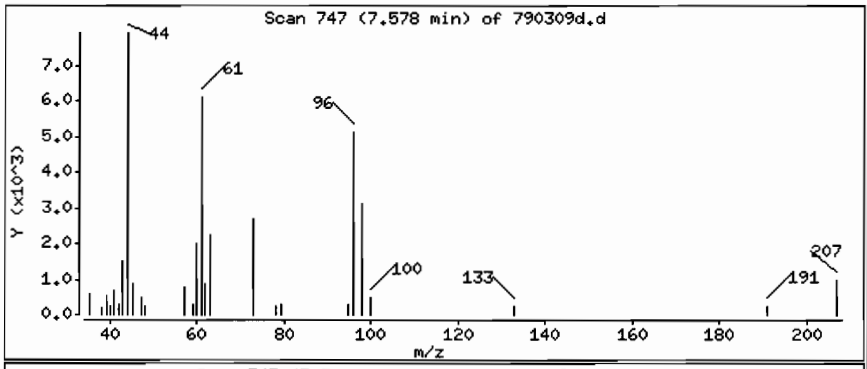
Operator: pad

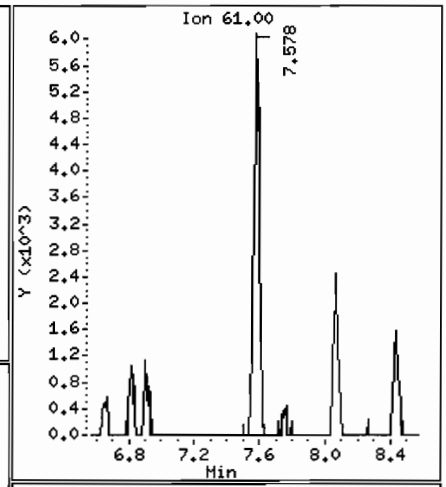
Column phase: RTX-624

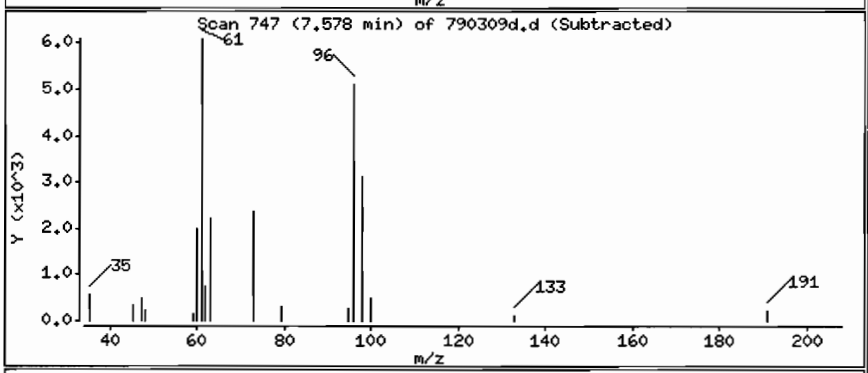
Column diameter: 0.32

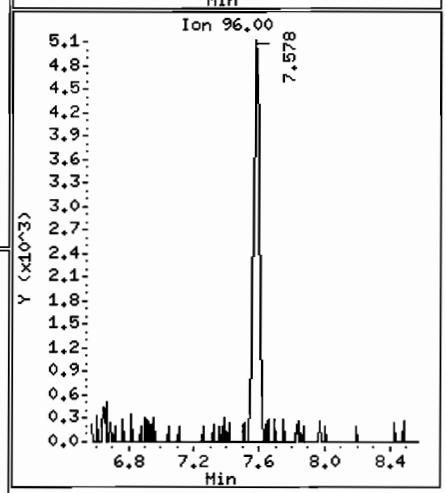
27 trans-1,2-Dichloroethene

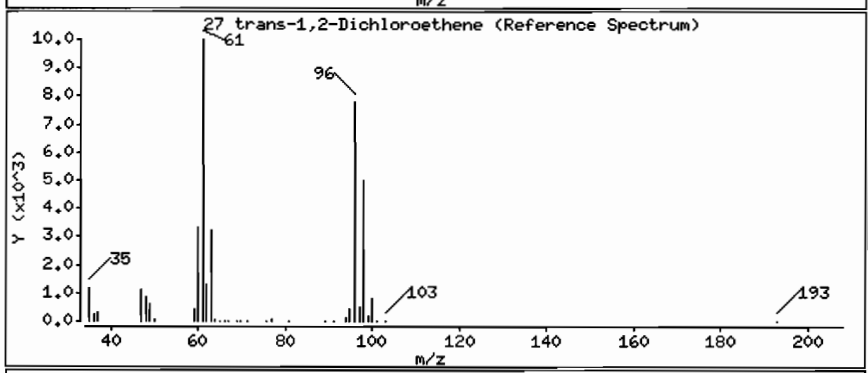
Concentration: 0.49 ppbv

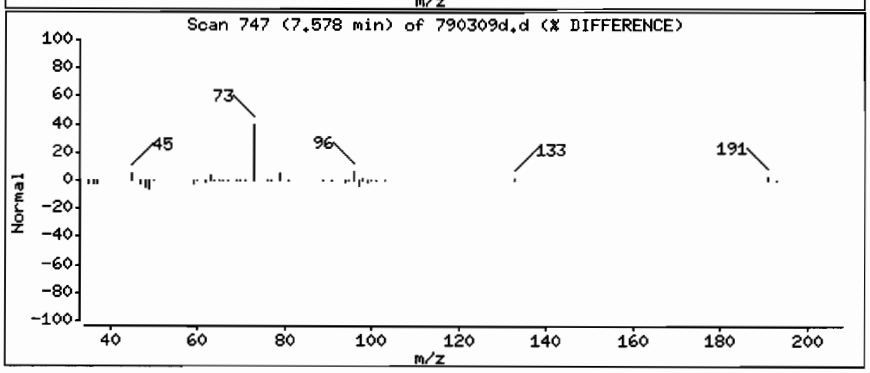












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

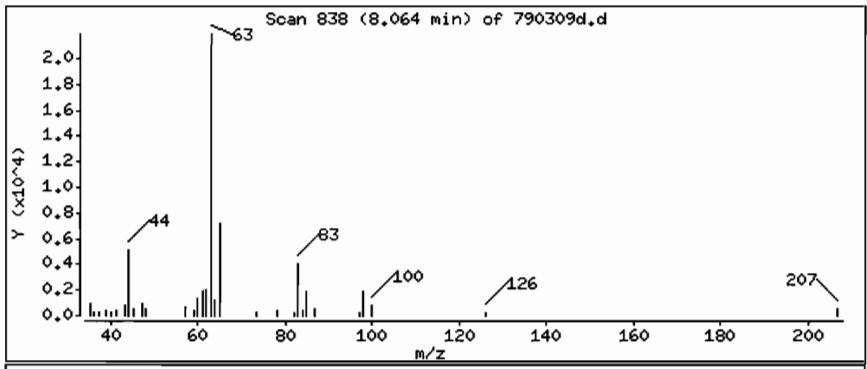
Operator: pad

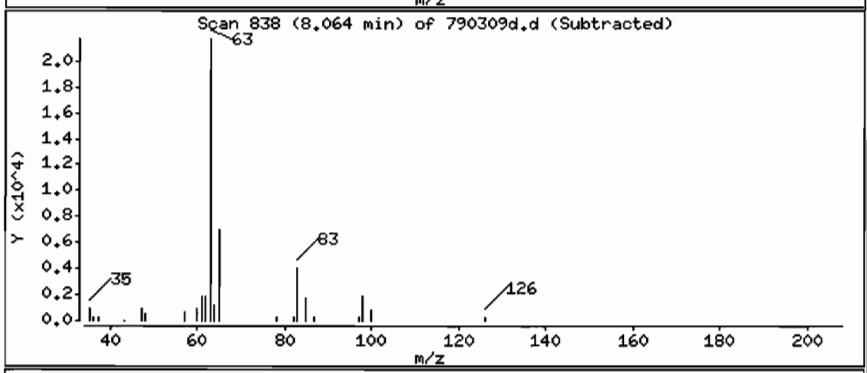
Column phase: RTX-624

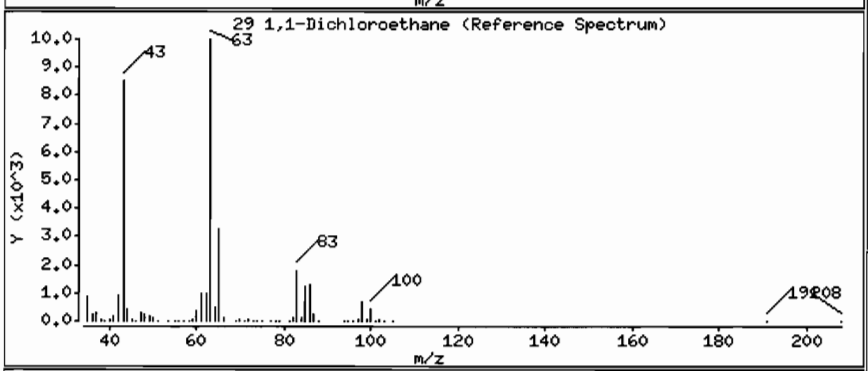
Column diameter: 0.32

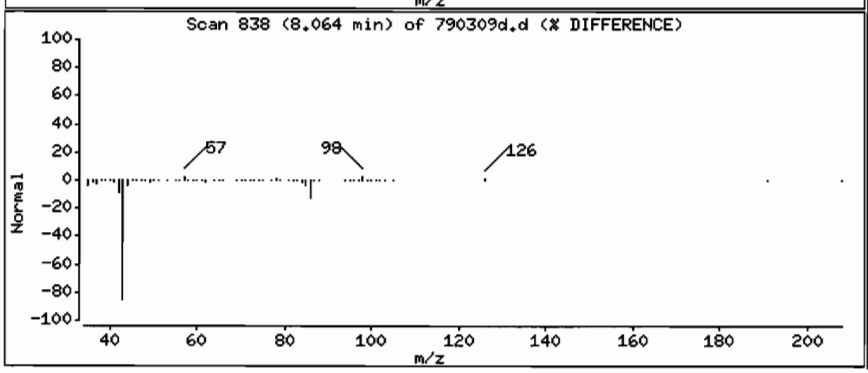
29 1,1-Dichloroethane

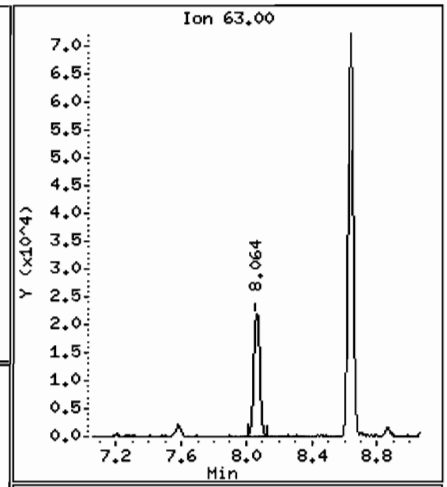
Concentration: 1.6 ppbv

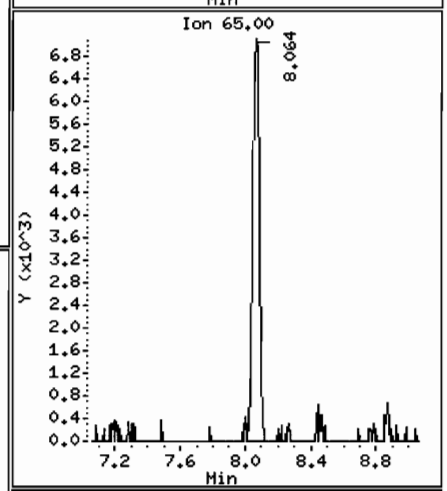


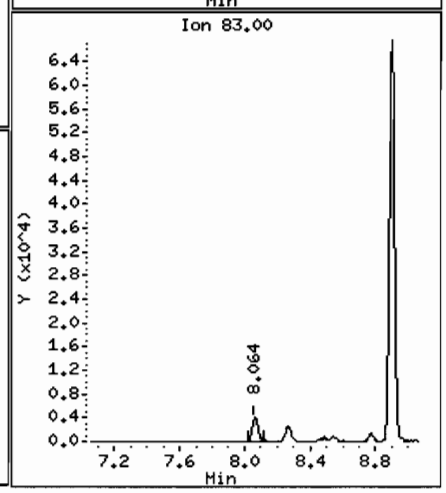












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

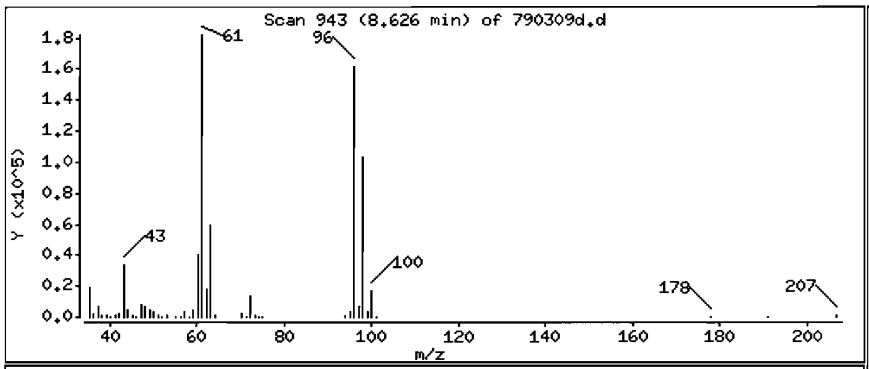
Operator: pad

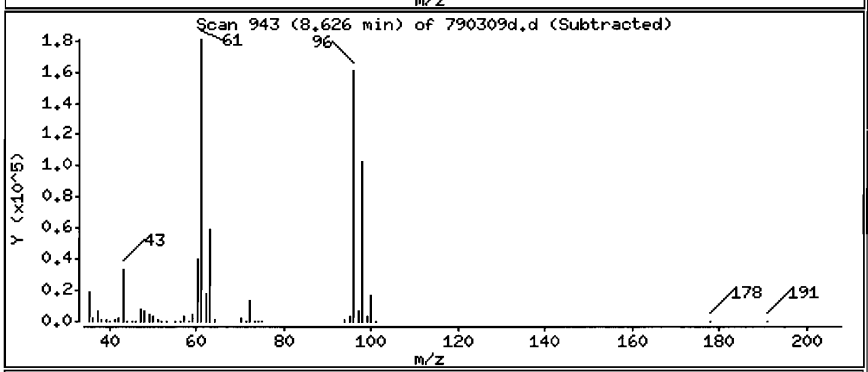
Column phase: RTX-624

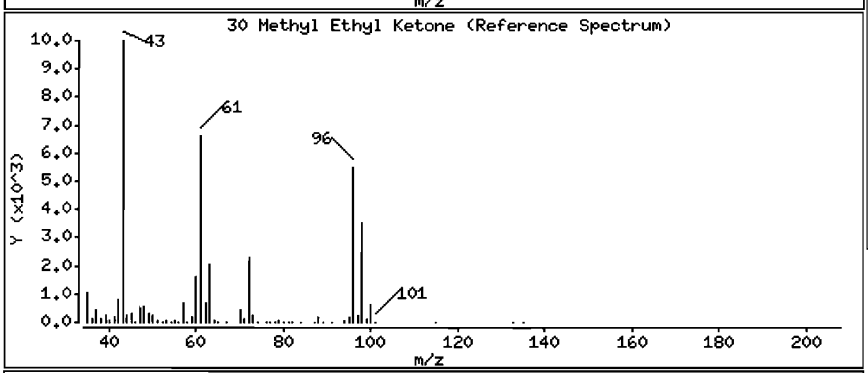
Column diameter: 0.32

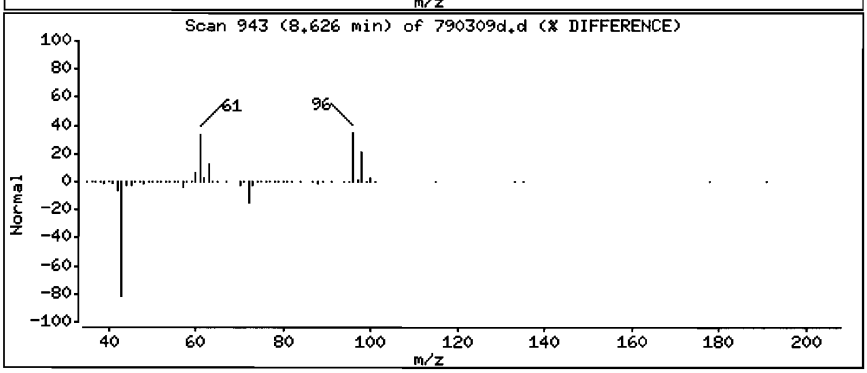
30 Methyl Ethyl Ketone

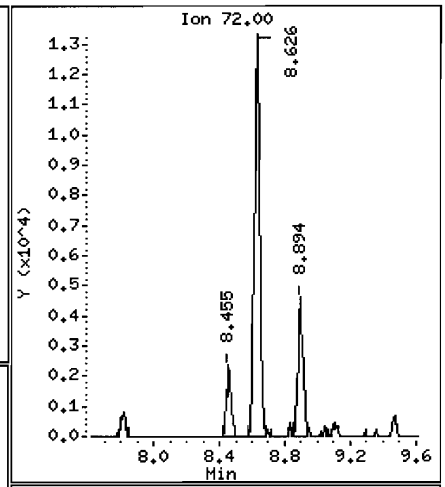
Concentration: 3.2 ppbv

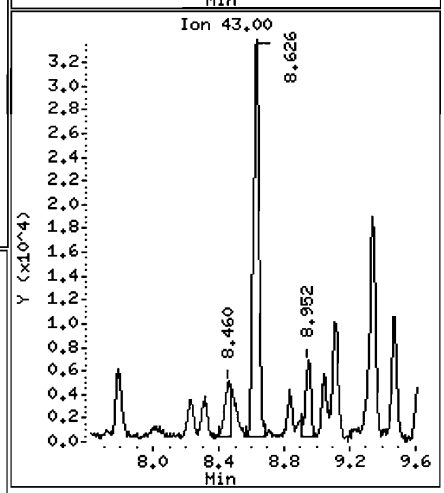












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

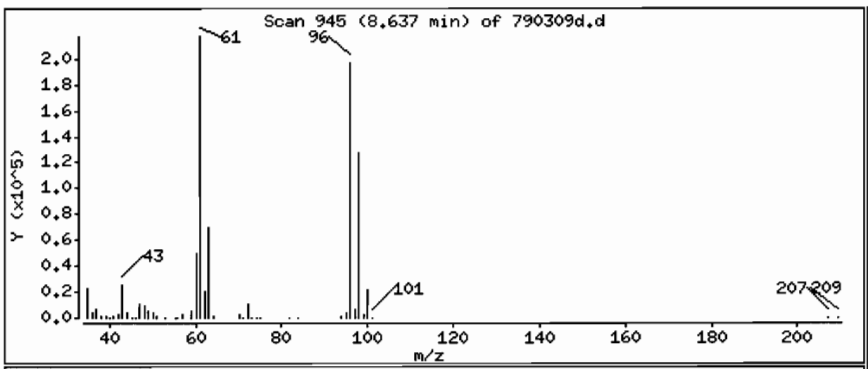
Operator: pad

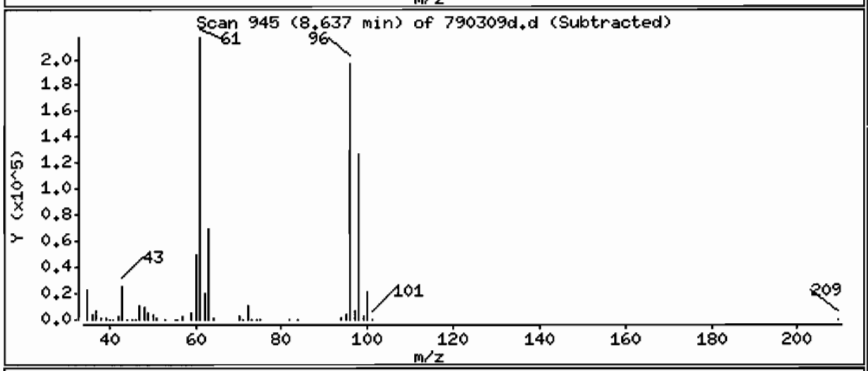
Column phase: RTX-624

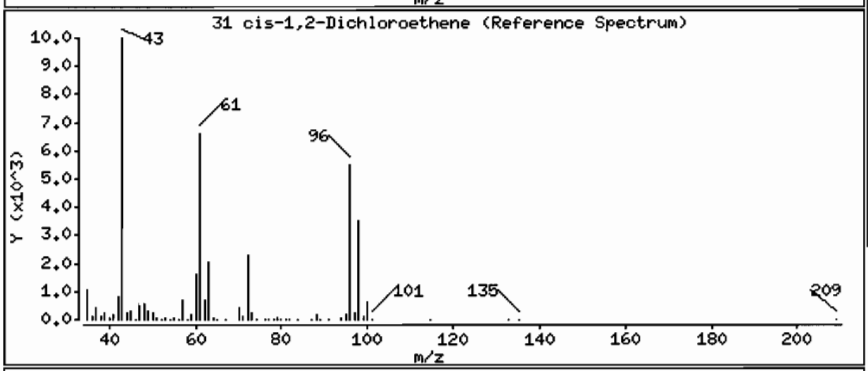
Column diameter: 0.32

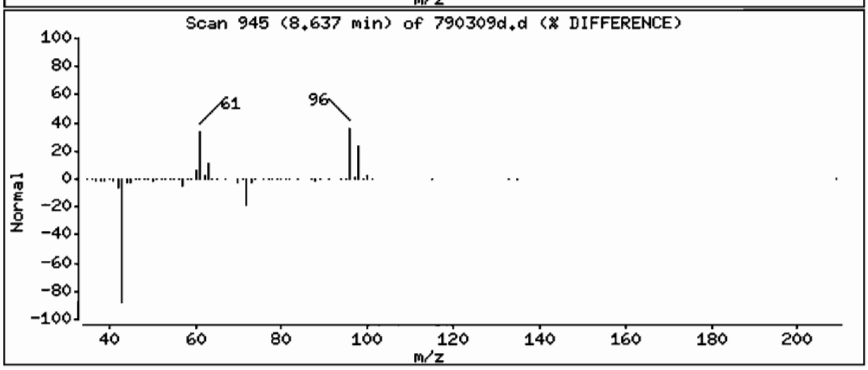
31 cis-1,2-Dichloroethene

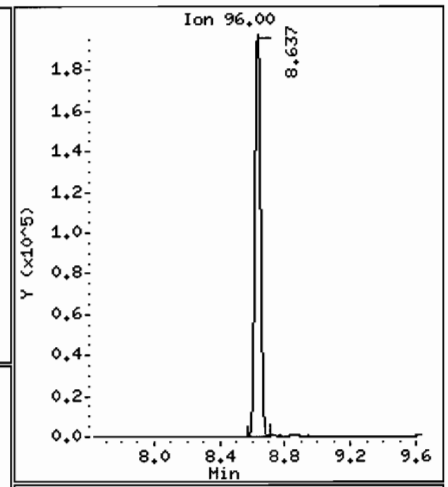
Concentration: 20 ppbv

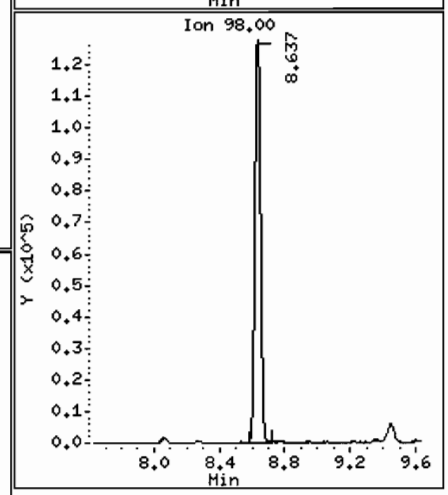












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

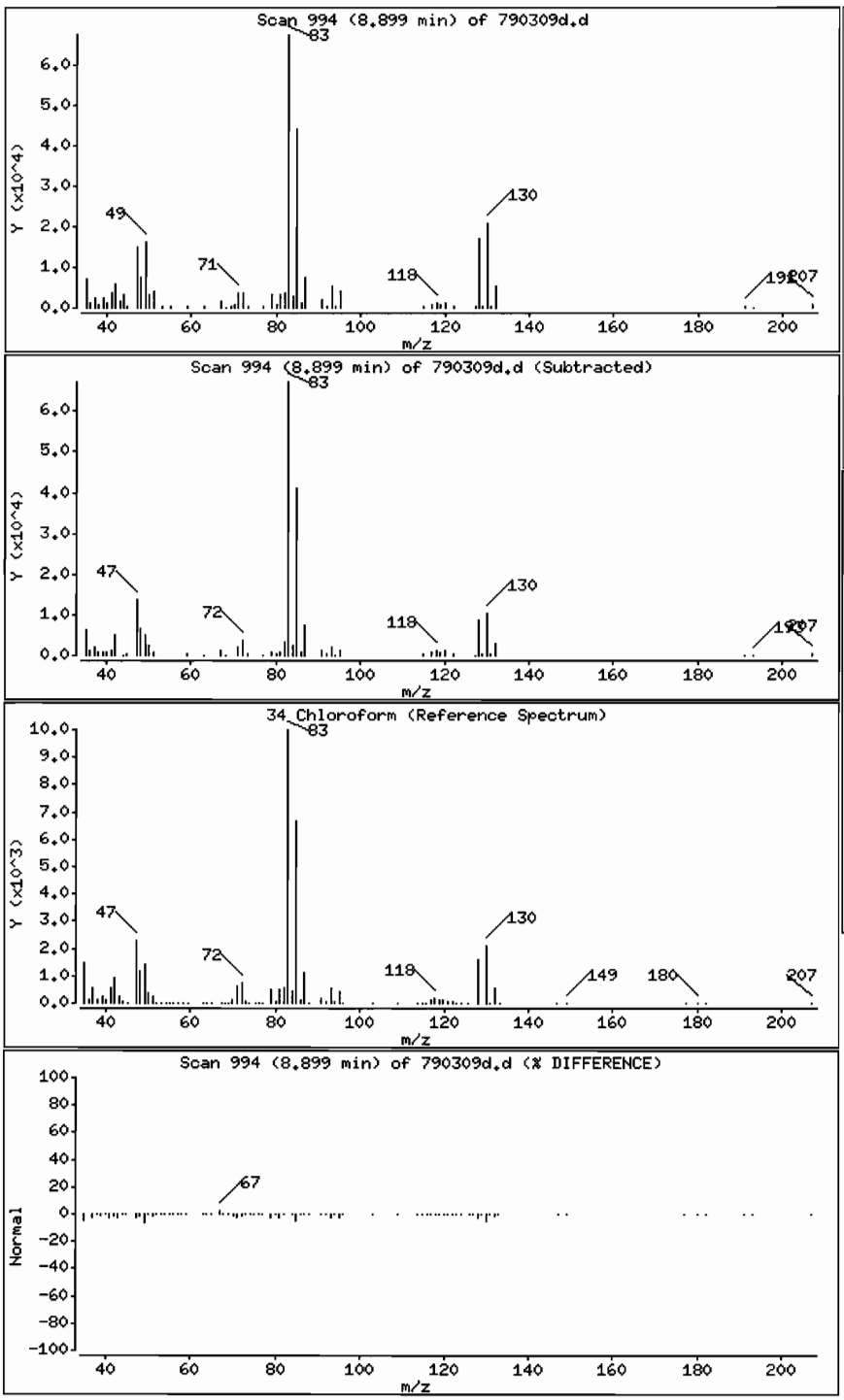
Operator: pad

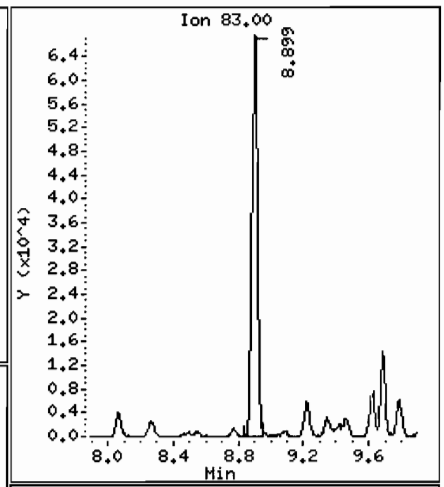
Column phase: RTX-624

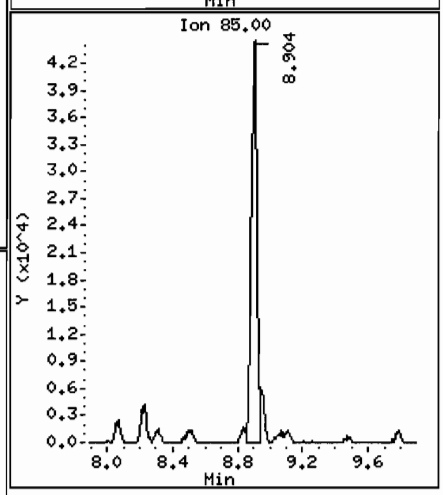
Column diameter: 0.32

34 Chloroform

Concentration: 3.3 ppbv







Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

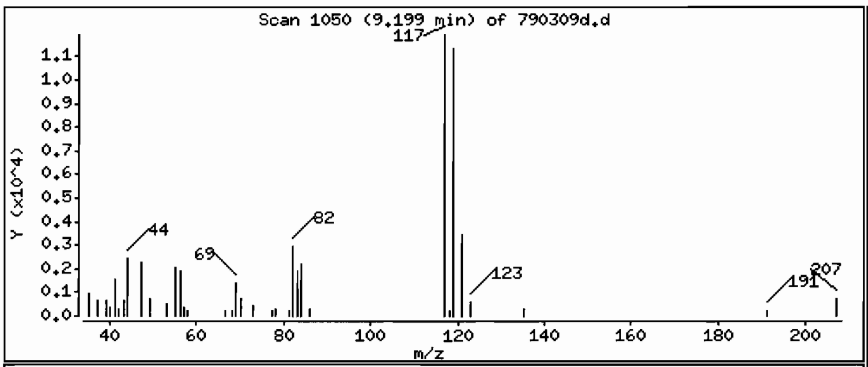
Operator: pad

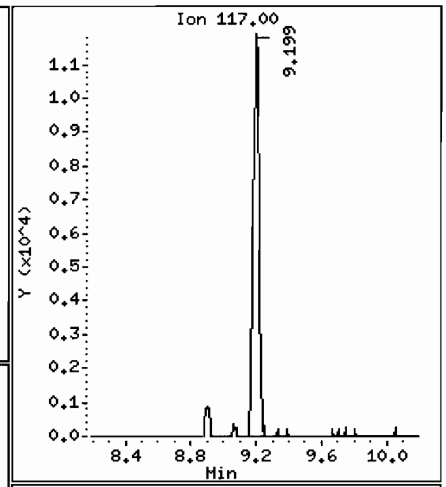
Column phase: RTX-624

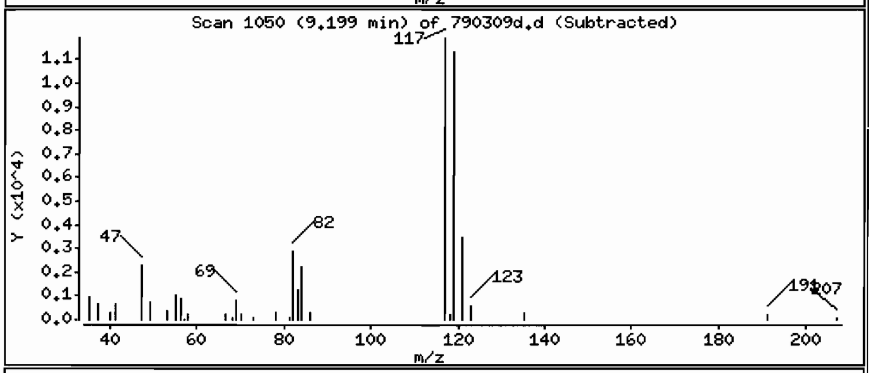
Column diameter: 0.32

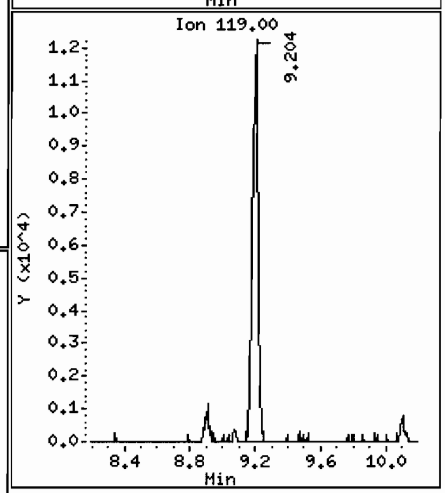
37 Carbon Tetrachloride

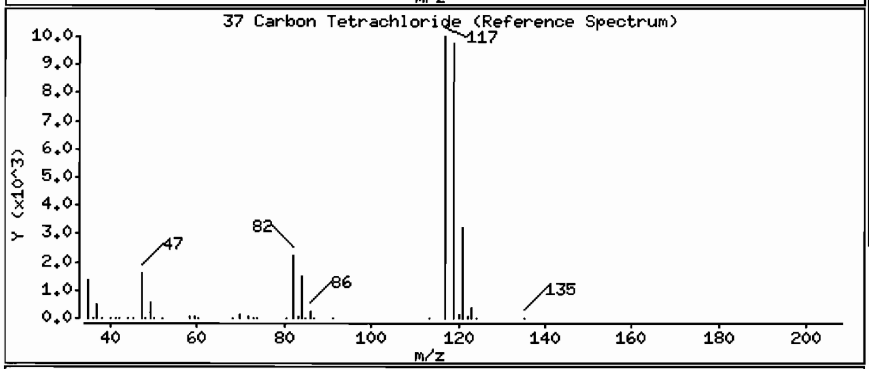
Concentration: 0.43 ppbv

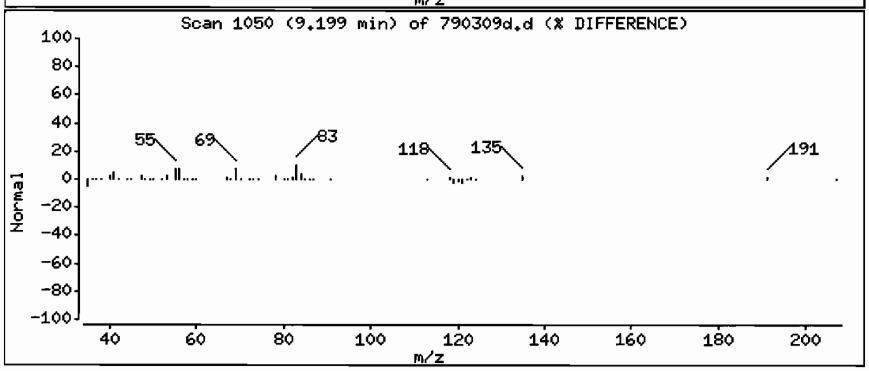












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

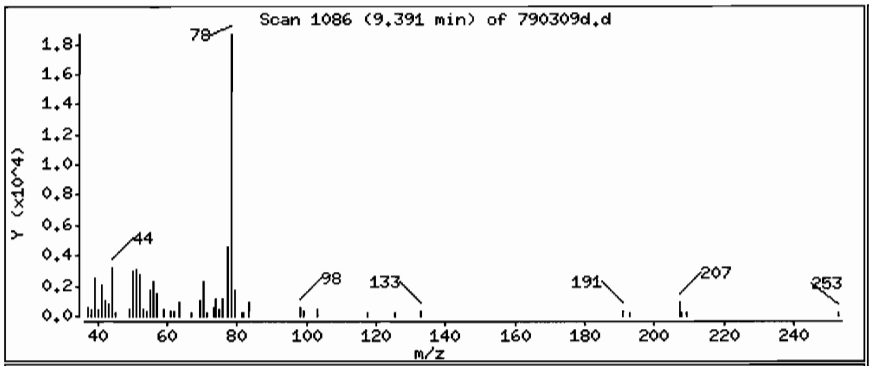
Operator: pad

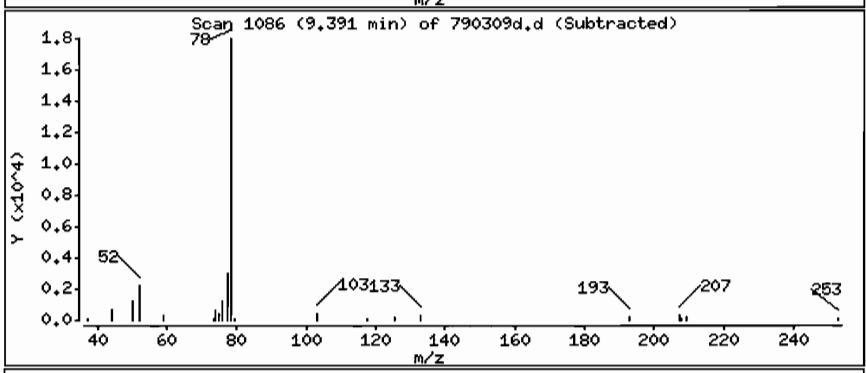
Column phase: RTX-624

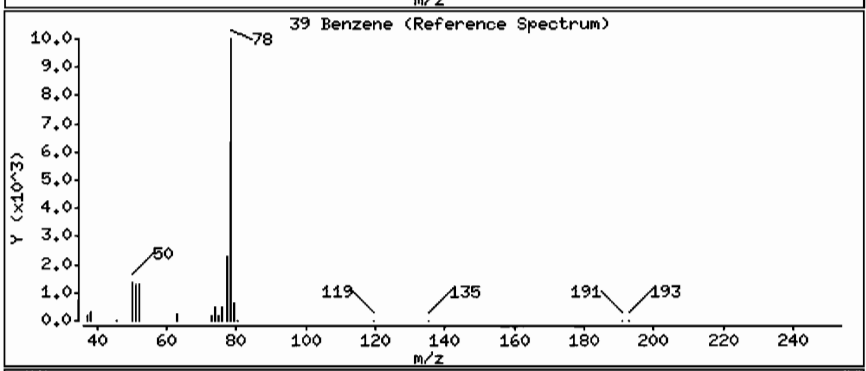
Column diameter: 0.32

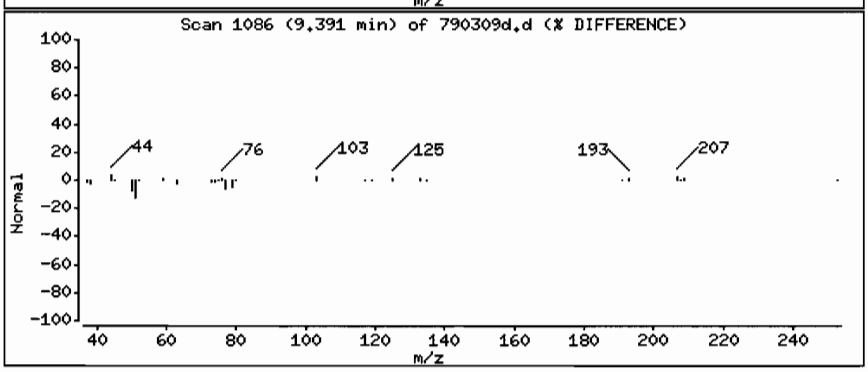
39 Benzene

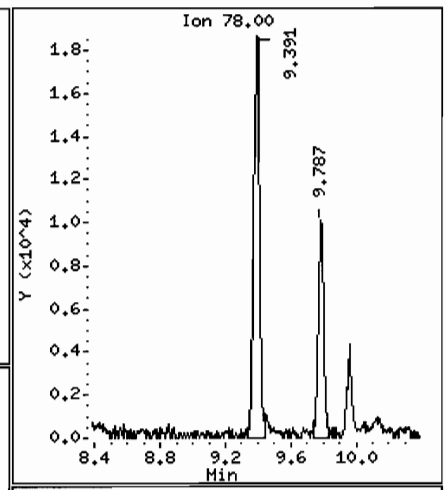
Concentration: 0.73 ppbv

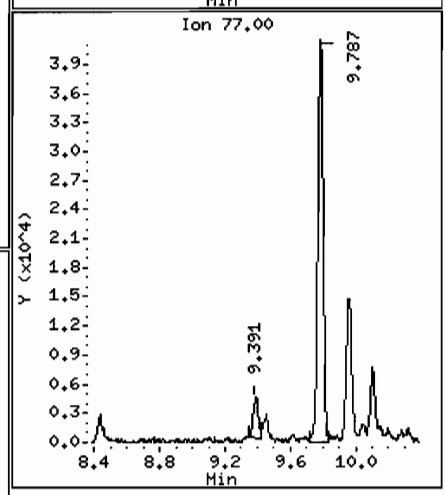












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

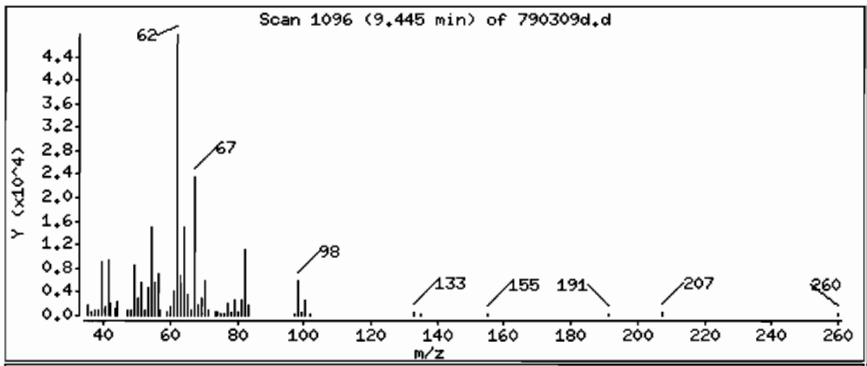
Operator: pad

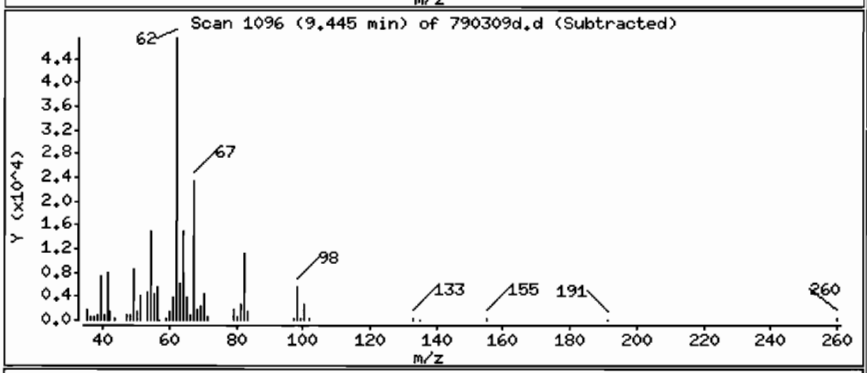
Column phase: RTX-624

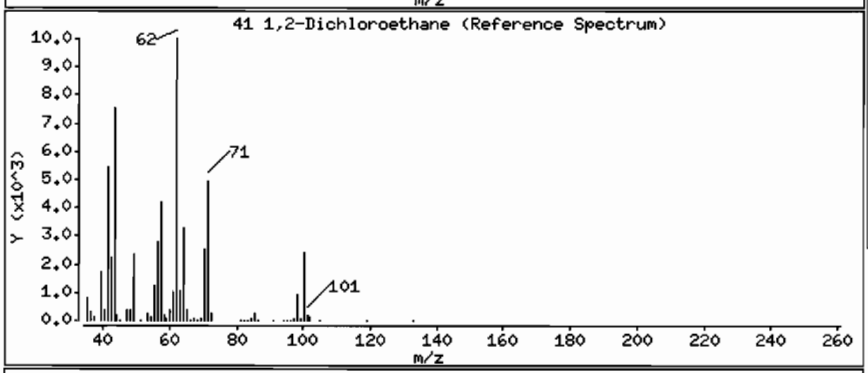
Column diameter: 0.32

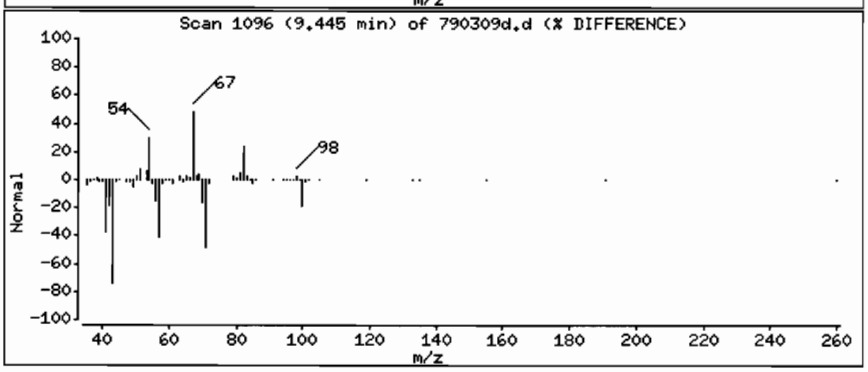
41 1,2-Dichloroethane

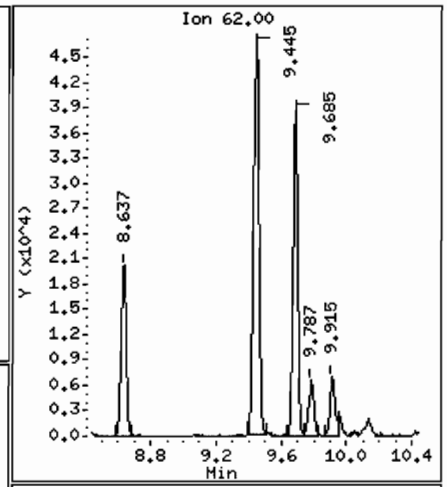
Concentration: 2.8 ppbv

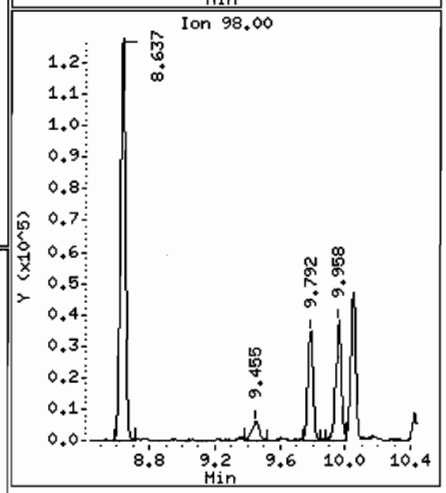












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

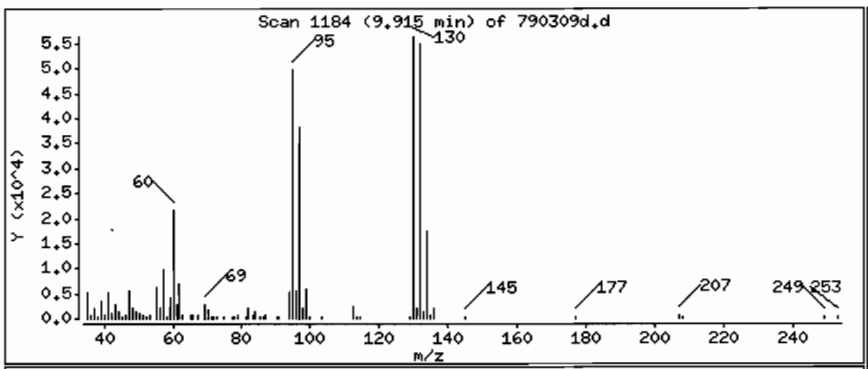
Operator: pad

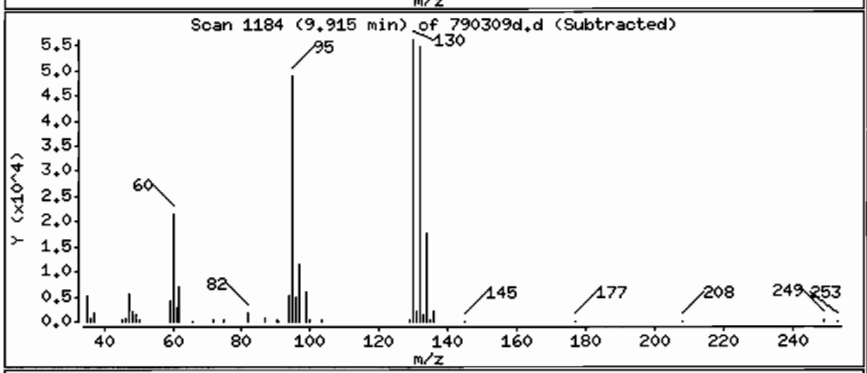
Column phase: RTX-624

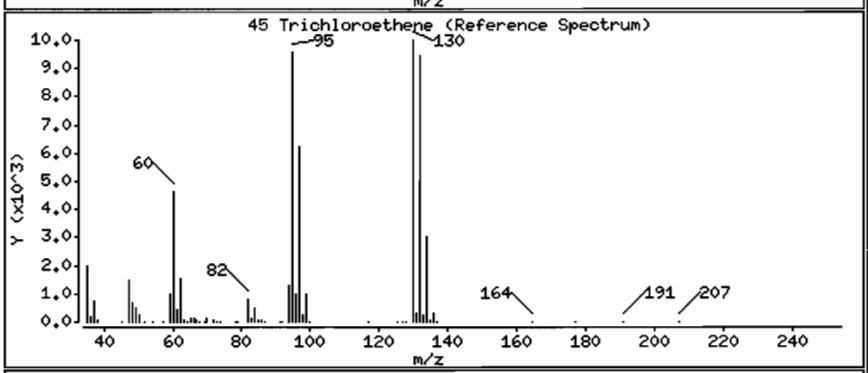
Column diameter: 0.32

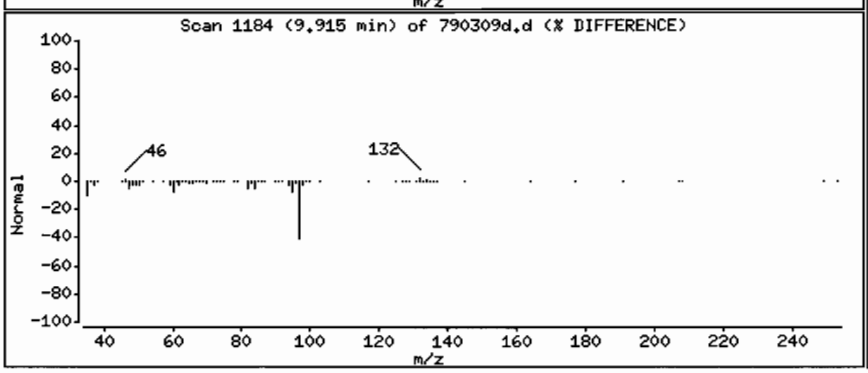
45 Trichloroethene

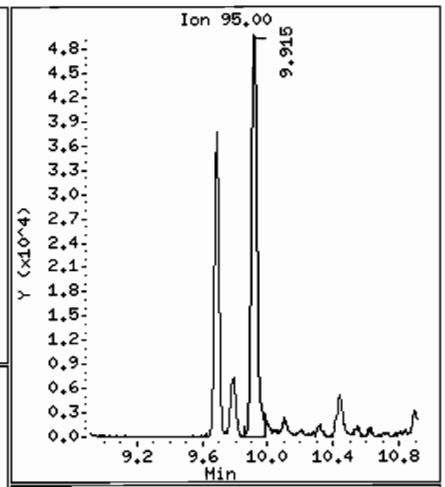
Concentration: 3.6 ppbv

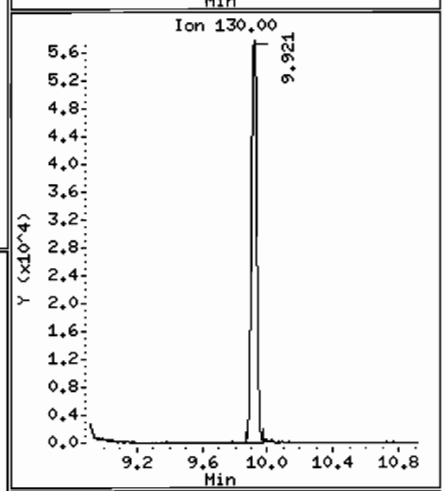


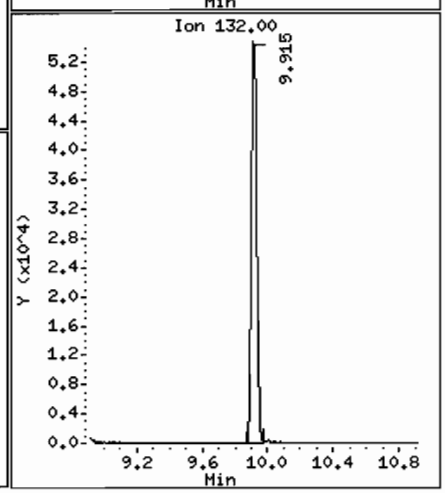












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[03/25/09 @1256(AIR)

Purge Volume: 100.0

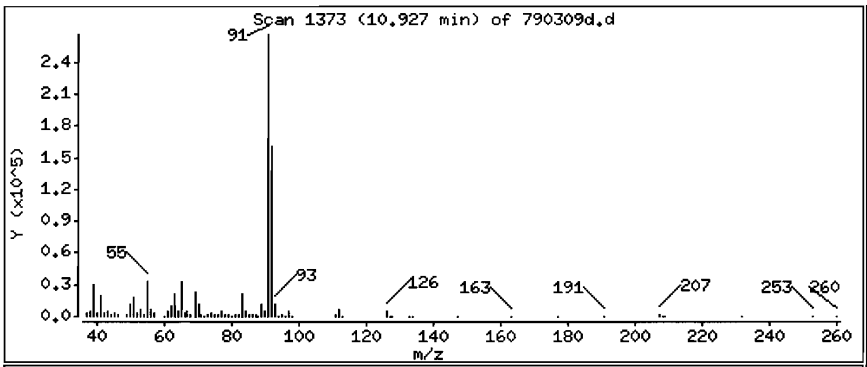
Operator: pad

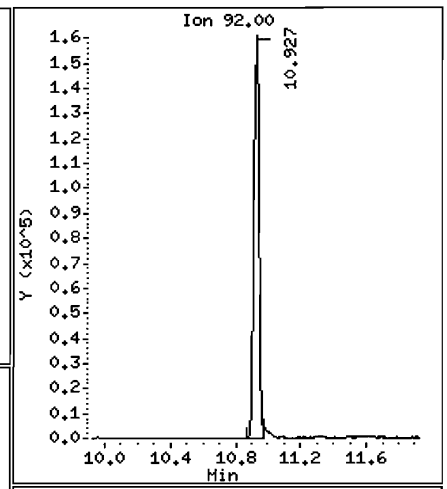
Column phase: RTX-624

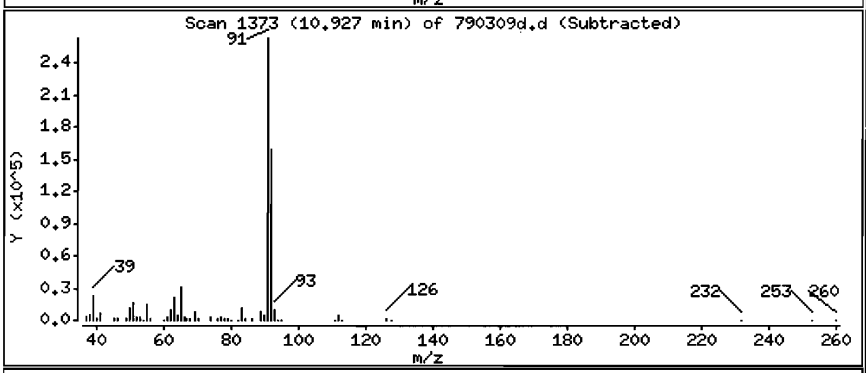
Column diameter: 0.32

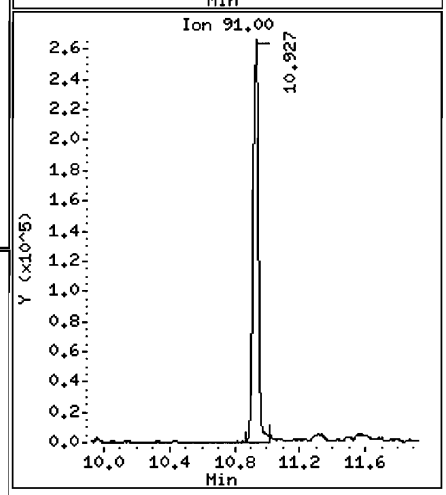
54 Toluene

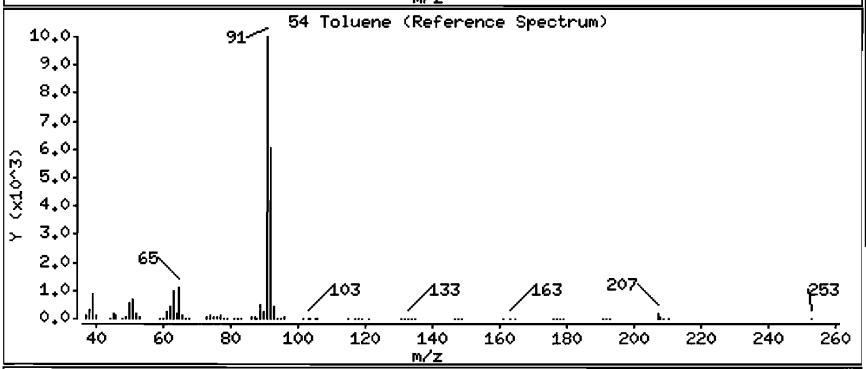
Concentration: 6.9 ppbv

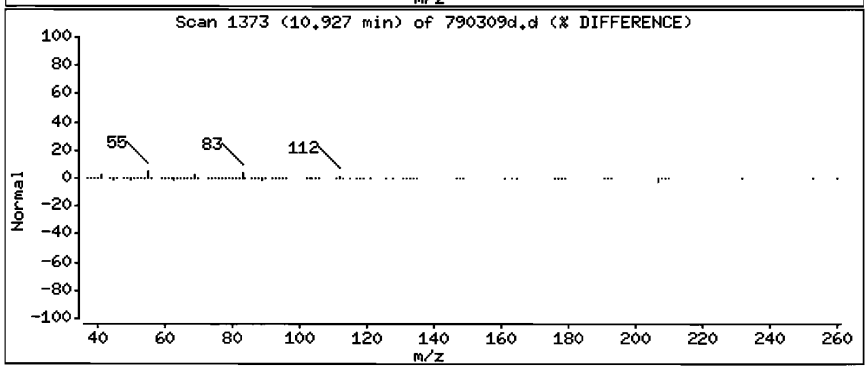












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

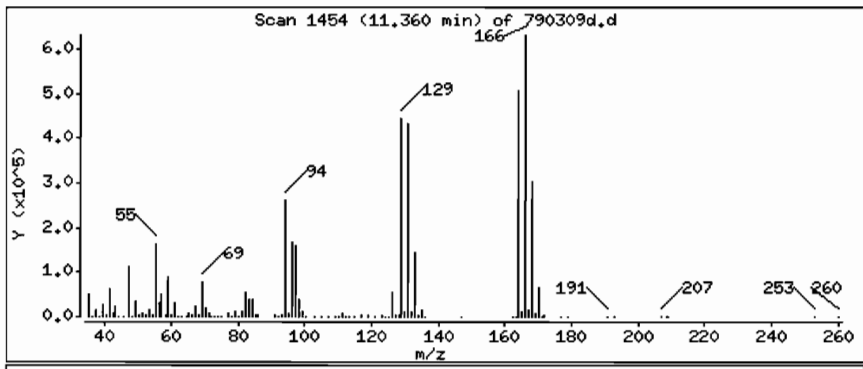
Operator: pad

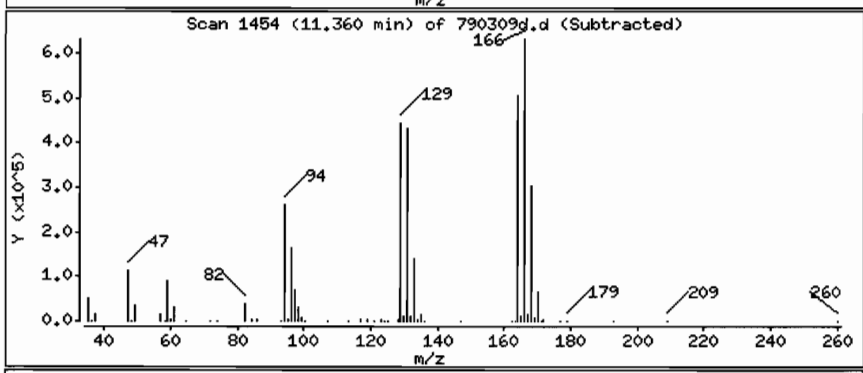
Column phase: RTX-624

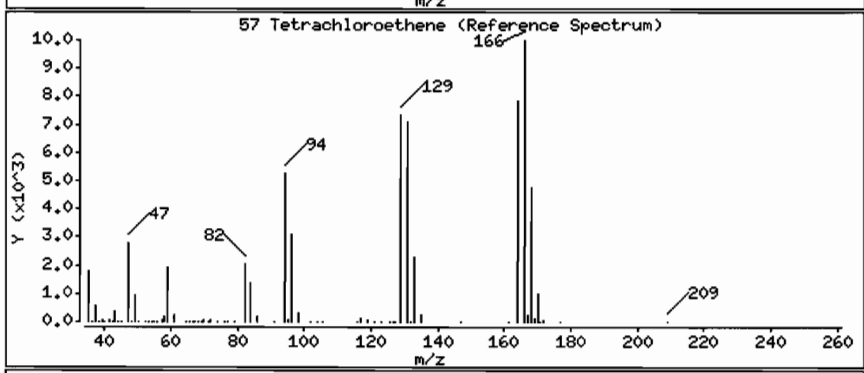
Column diameter: 0.32

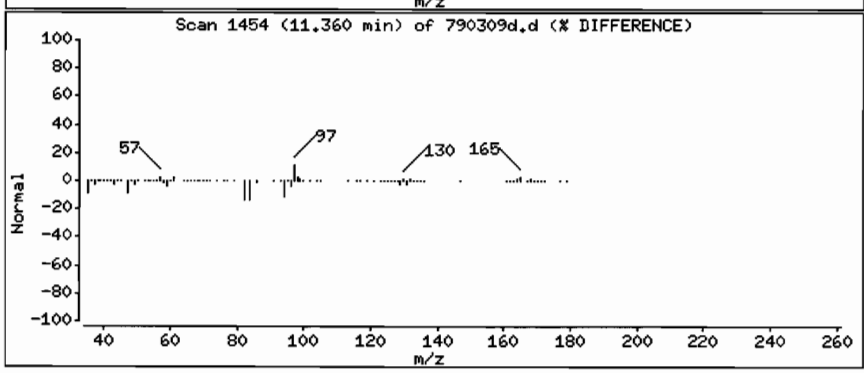
57 Tetrachloroethene

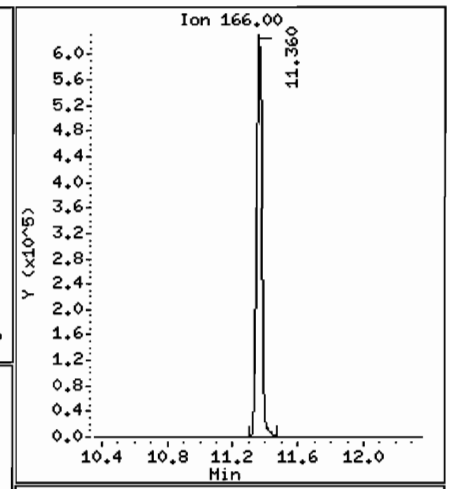
Concentration: 28 ppbv

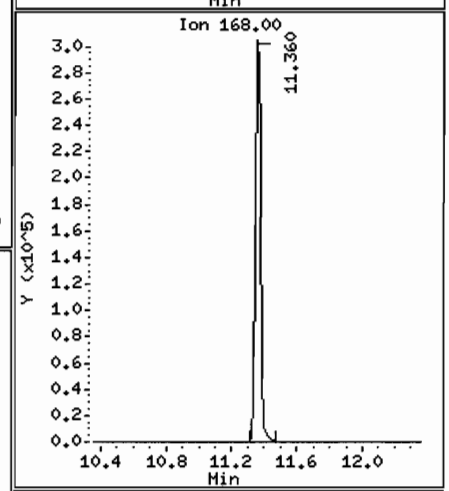


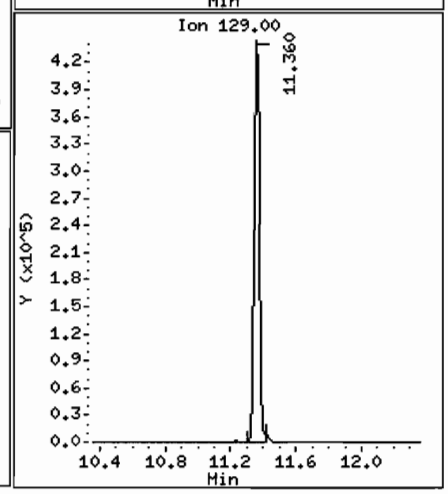












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

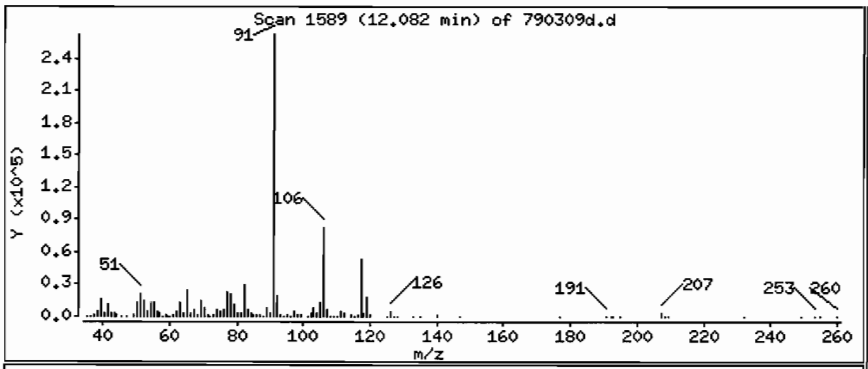
Operator: pad

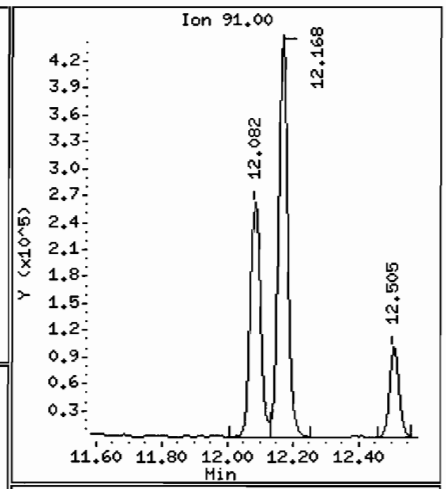
Column phase: RTX-624

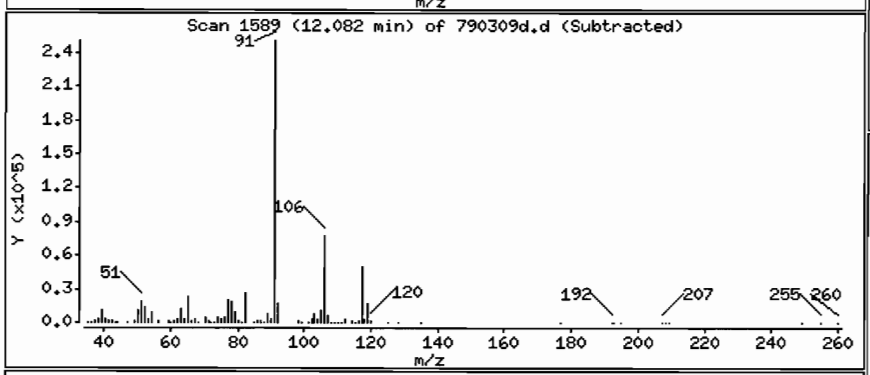
Column diameter: 0.32

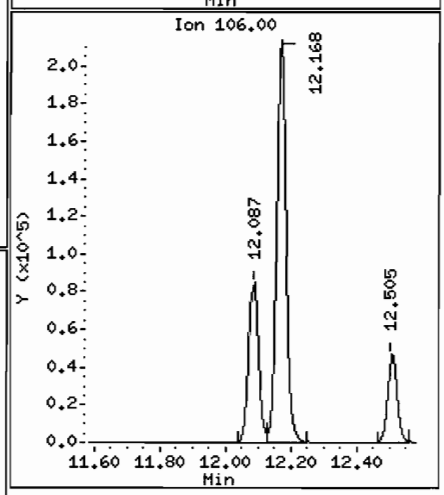
63 Ethylbenzene

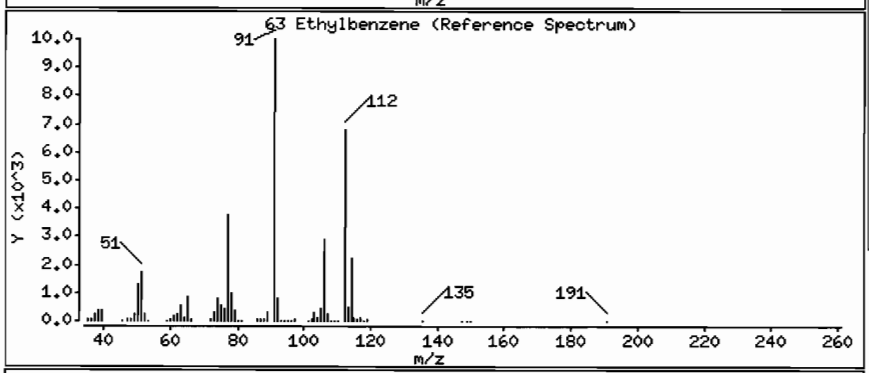
Concentration: 5.0 ppbv

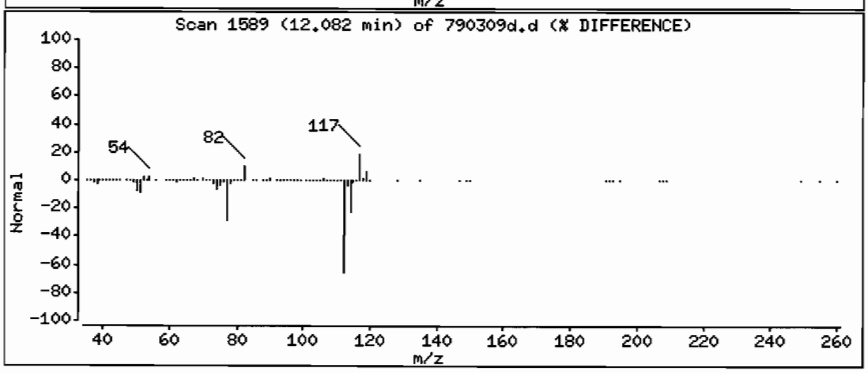












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

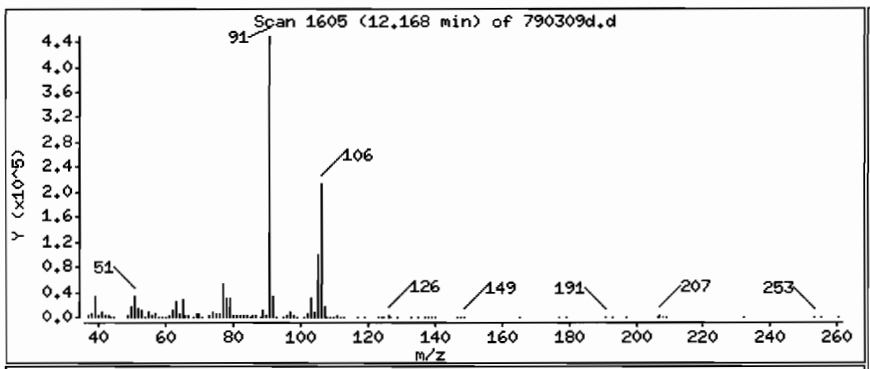
Operator: pad

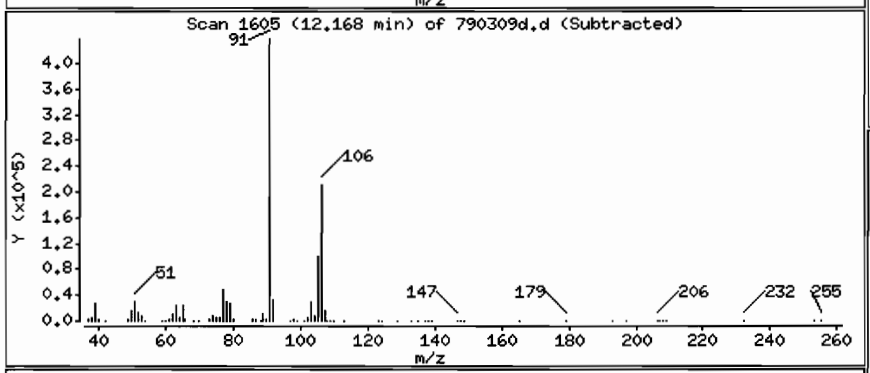
Column phase: RTX-624

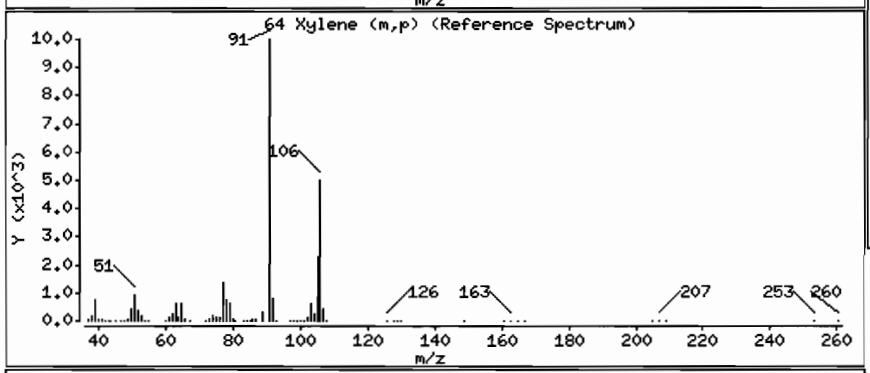
Column diameter: 0.32

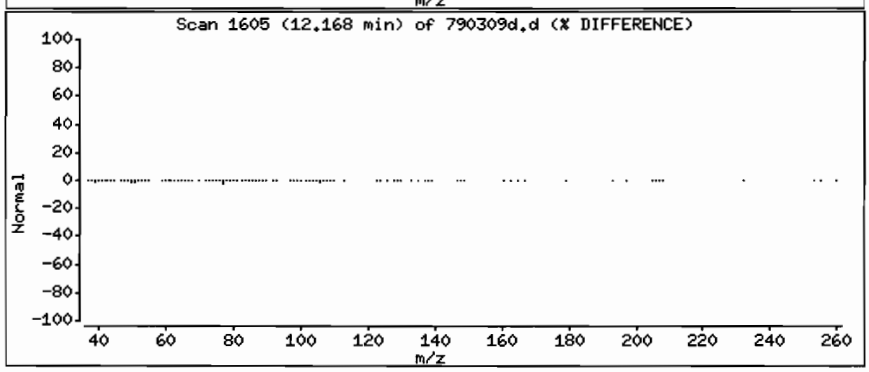
64 Xylene (m,p)

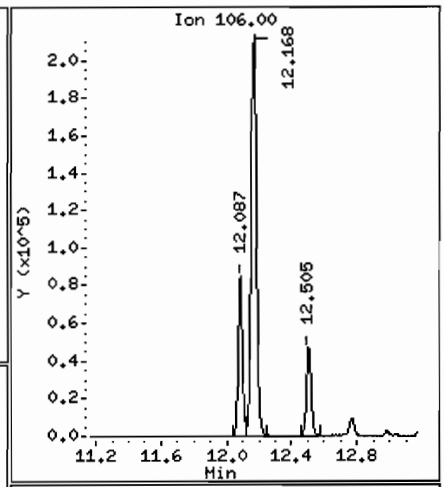
Concentration: 10 ppbv

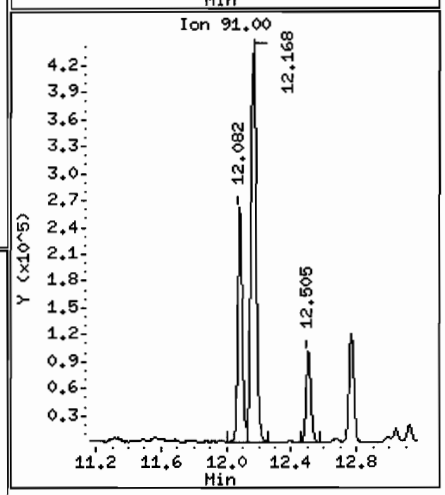












Data File: /chem/F.i/Fsvr.p/fcvgto15.b/790309d.d

Date : 02-APR-2009 10:22

Client ID: 25VP-34V2

Instrument: F.i

Sample Info: 20090325VP-34V2 :[ ]03/25/09 @1256(AIR)

Purge Volume: 100.0

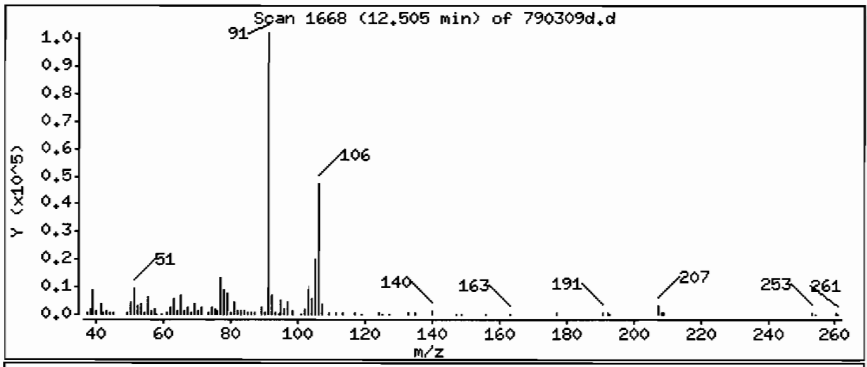
Operator: pad

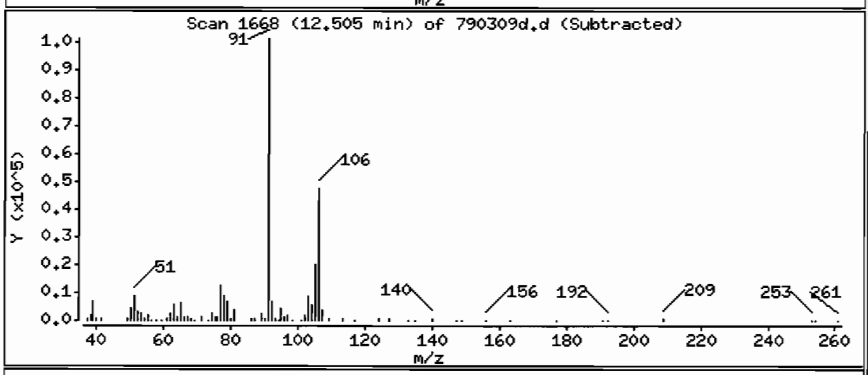
Column phase: RTX-624

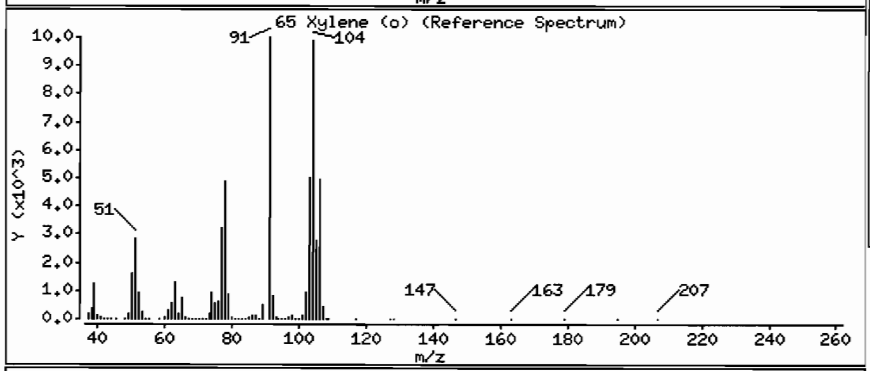
Column diameter: 0.32

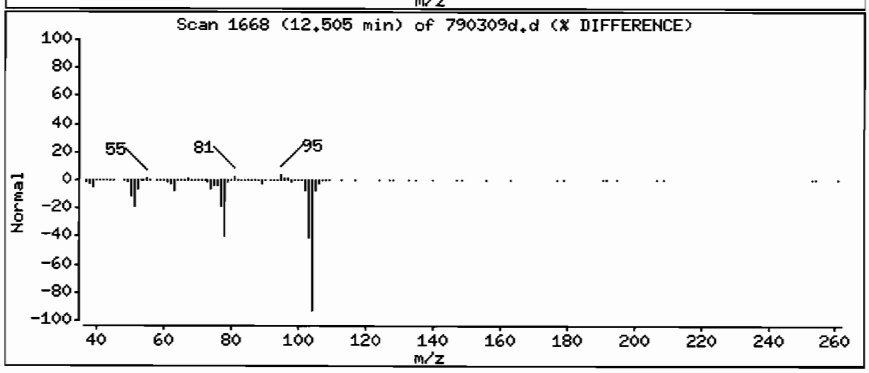
65 Xylene (o)

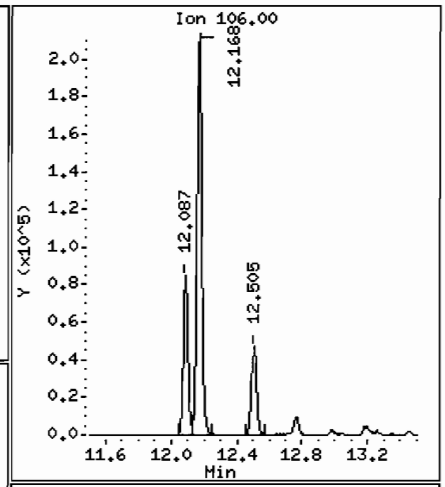
Concentration: 2.4 ppbv

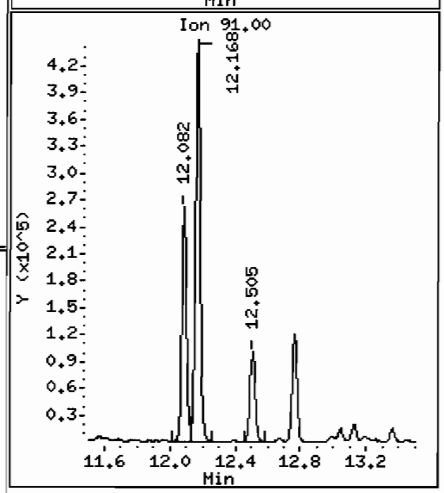










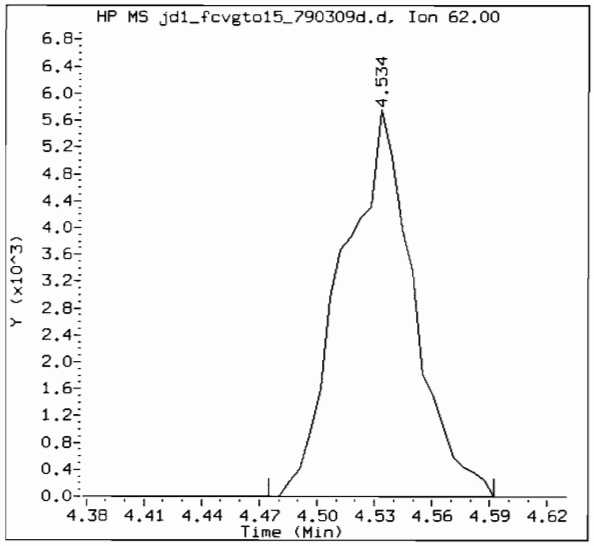


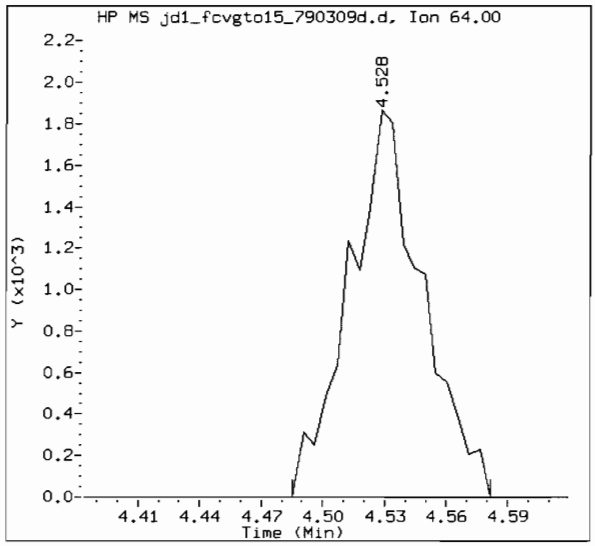
MANUAL INTEGRATION REPORT

Data File Name: 790309d.d
Client Sample ID: 25VP-34V2
Compound Name: Vinyl Chloride

Inj. Date and Time: 02-APR-2009 10:22
Instrument ID: F.i
CAS #: 75-01-4

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:29

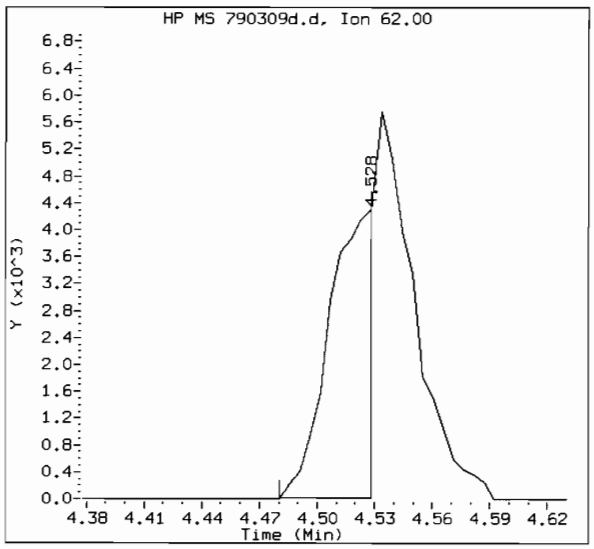


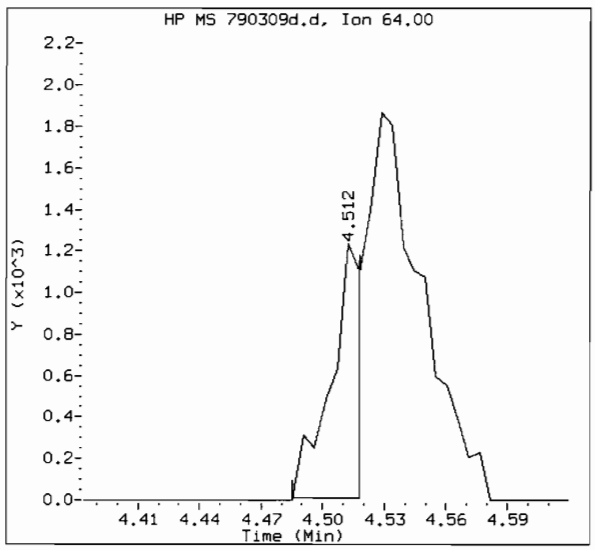


Original Integrations:

Area = 14856

Area = 4635





Final Integrations:

Area = 7040

Area = 1261

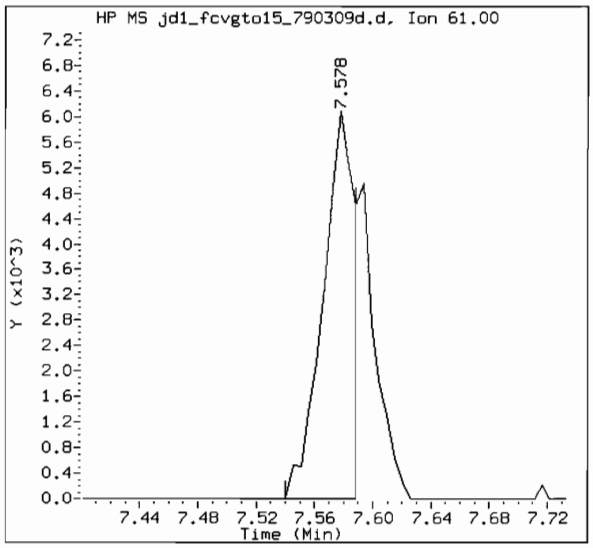
Manual Integration Reason: MI1 - Poor automated baseline

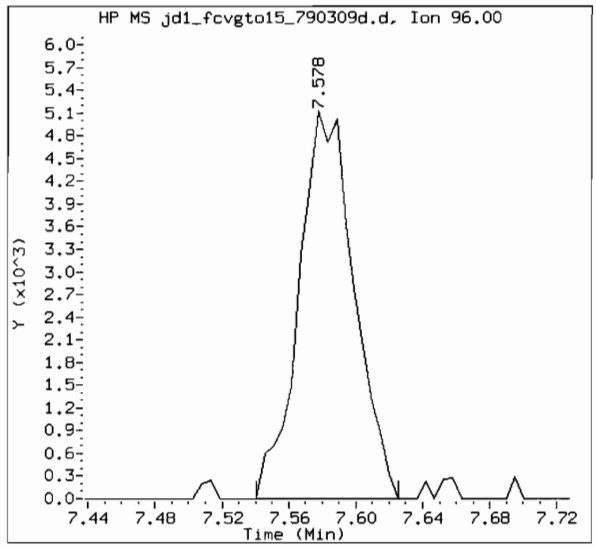
MANUAL INTEGRATION REPORT

Data File Name: 790309d.d
Client Sample ID: 25VP-34V2
Compound Name: trans-1,2-DichloroetheneCAS #: 156-60-5

Inj. Date and Time: 02-APR-2009 10:22
Instrument ID: F.i

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:29

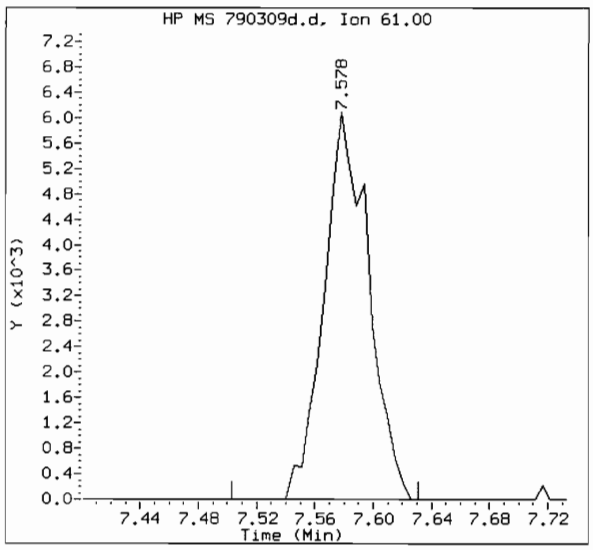


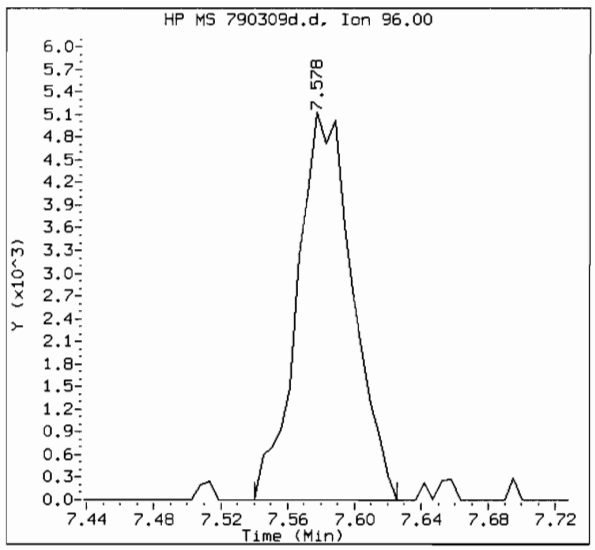


Original Integrations:

Area = 9229

Area = 11766





Final Integrations:

Area = 13009

Area = 11766

Manual Integration Reason: MI1 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-35V6.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790307

Sample wt/vol: 19.00 (g/mL) ML Lab File ID: 790307D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 50.6

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	25	U
75-01-4	Vinyl Chloride	2000	
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	25	U
75-35-4	1,1-Dichloroethene	10	U
67-64-1	Acetone	250	U
75-15-0	Carbon Disulfide	25	U
75-09-2	Methylene Chloride	25	U
156-60-5	trans-1,2-Dichloroethene	63	
75-34-3	1,1-Dichloroethane	10	U
78-93-3	Methyl Ethyl Ketone	25	U
156-59-2	cis-1,2-Dichloroethene	1500	
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	27	
107-06-2	1,2-Dichloroethane	170	
79-01-6	Trichloroethene	52	
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	Methyl Isobutyl Ketone	25	U
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	58	
591-78-6	Methyl Butyl Ketone	25	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	27	
100-41-4	Ethylbenzene	110	
1330-20-7	Xylene (m,p)	170	
95-47-6	Xylene (o)	78	
100-42-5	Styrene	10	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-35V6.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790307

Sample wt/vol: 19.00 (g/mL) ML Lab File ID: 790307D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 50.6

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

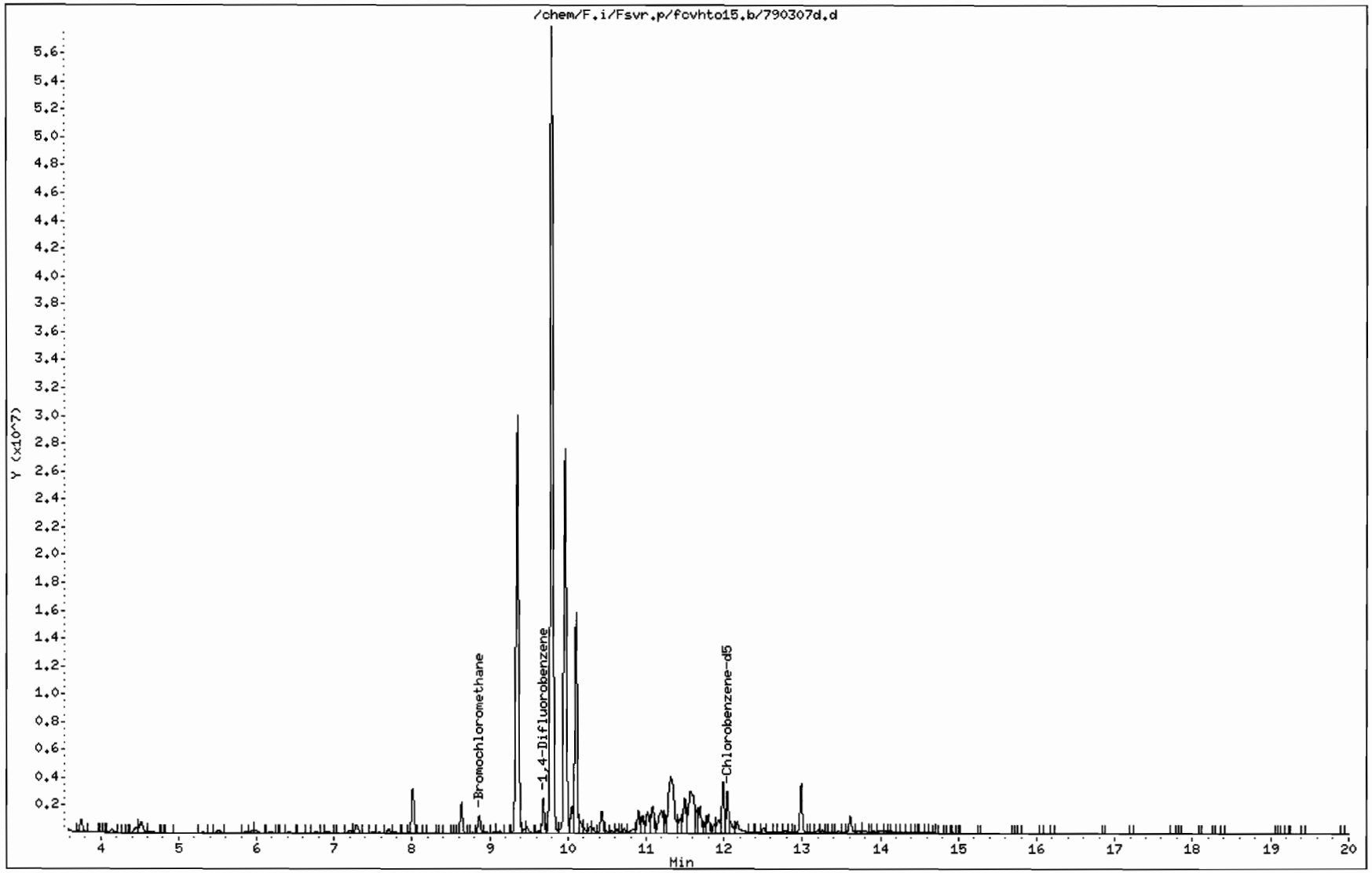
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d
Date : 03-APR-2009 04:07
Client ID: 25VP-35V6.5
Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)
Purge Volume: 19.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d
Lab Smp Id: 790307 Client Smp ID: 25VP-35V6.5
Inj Date : 03-APR-2009 04:07
Operator : pad Inst ID: F.i
Smp Info : 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)
Misc Info : 790307;040209FA;50.6;19;cdf4.81
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 4
Dil Factor: 50.60000
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	50.60000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	19.00000	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	4.528	4.518	(0.511)	1228939	39.6815	2000
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	7.583	7.572	(0.855)	62558	1.24388	63
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	Compound Not Detected.					
31 cis-1,2-Dichloroethene	96	8.631	8.631	(0.973)	1171095	29.9490	1500
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	444730	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	9.386	9.386	(0.969)	58154	0.53679	27(M)
41 1,2-Dichloroethane	62	9.439	9.439	(0.975)	213841	3.35859	170(M)
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2311311	10.0000	
45 Trichloroethene	95	9.915	9.915	(1.024)	59036	1.03732	52
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	10.932	10.926	(0.908)	80717	0.90692	46
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	11.365	11.360	(0.944)	102152	1.14253	58
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	2035733	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	67875	0.53647	27(Q)
63 Ethylbenzene	91	12.087	12.082	(1.004)	459279	2.27130	110
64 Xylene (m,p)	106	12.168	12.168	(1.010)	266481	3.26635	170
65 Xylene (o)	106	12.510	12.505	(1.039)	120158	1.54669	78
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/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

Client ID: 25VP-35V6.5

Instrument: F.i

Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)

Purge Volume: 19.0

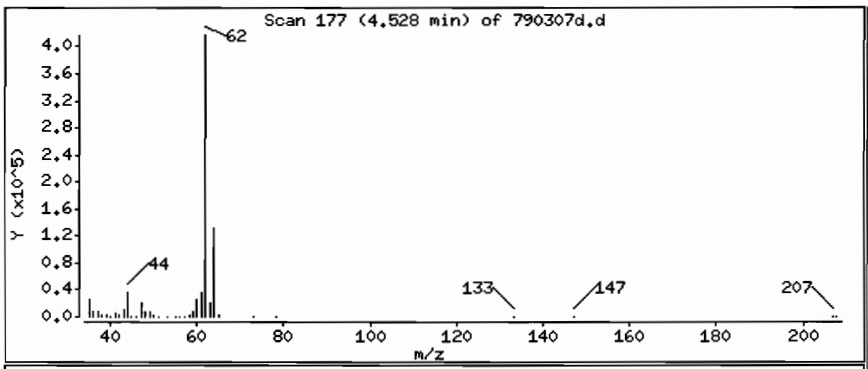
Operator: pad

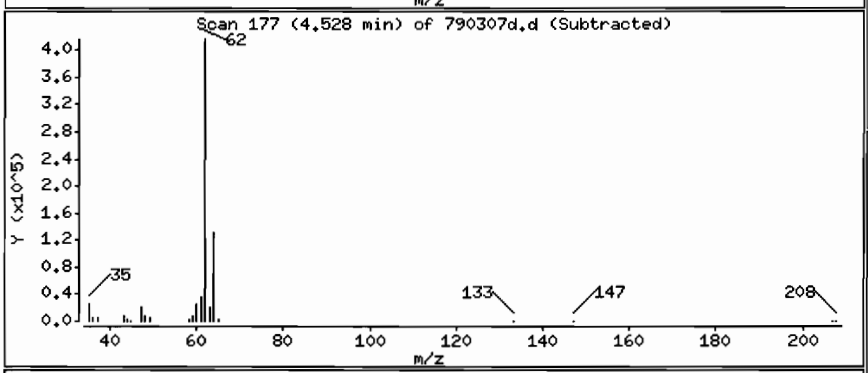
Column phase: RTX-624

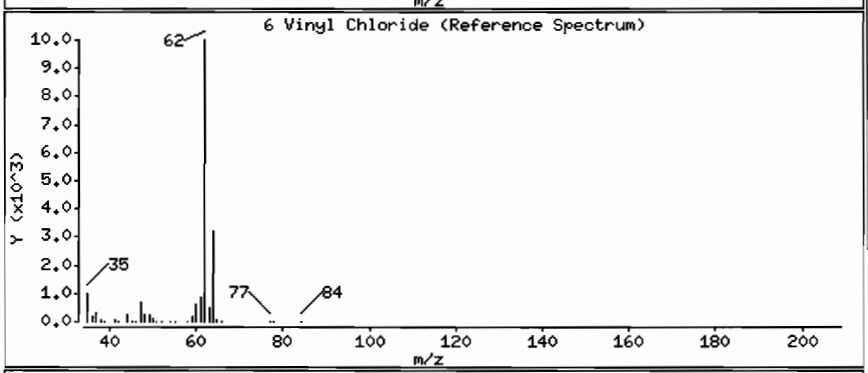
Column diameter: 0.32

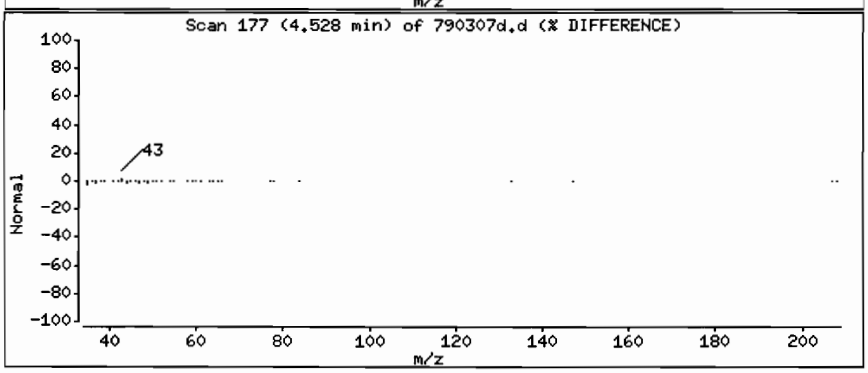
6 Vinyl Chloride

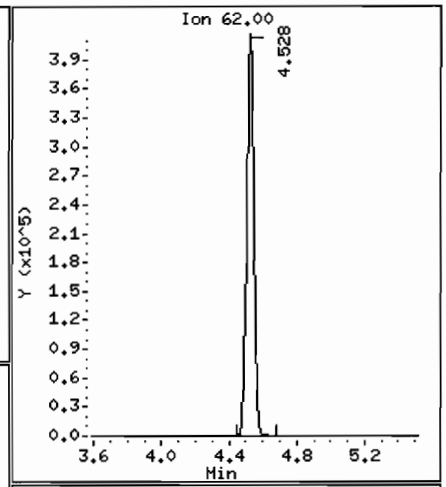
Concentration: 2000 ppbv

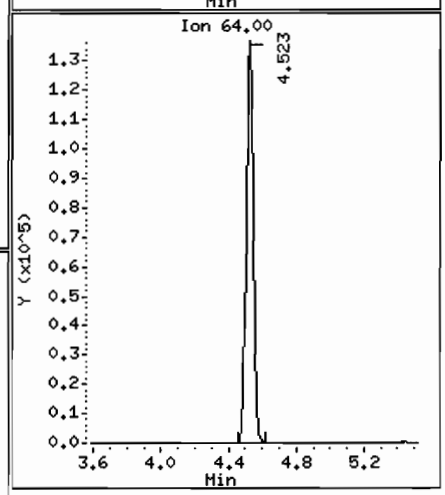












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

Client ID: 25VP-35V6.5

Instrument: F.i

Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)

Purge Volume: 19.0

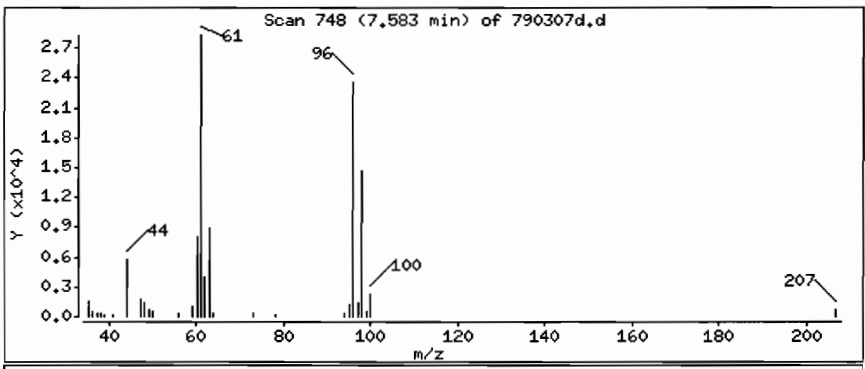
Operator: pad

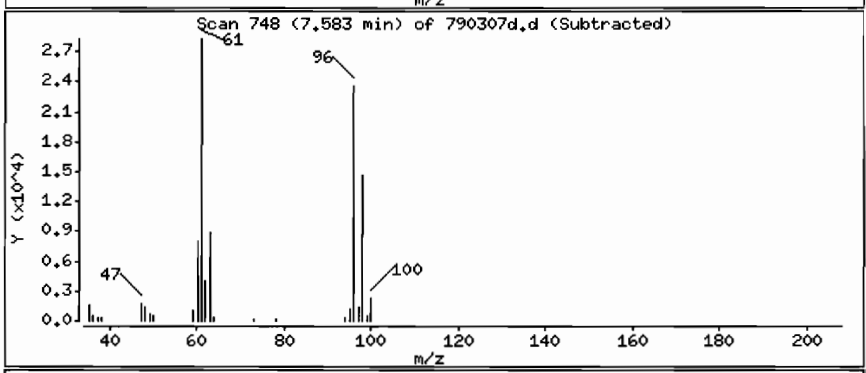
Column phase: RTX-624

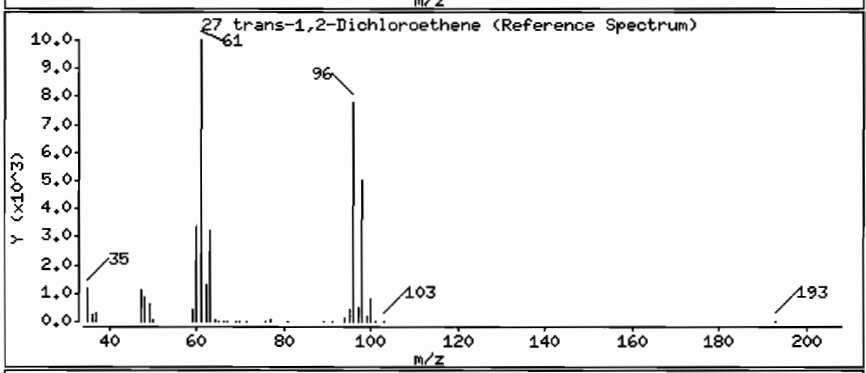
Column diameter: 0.32

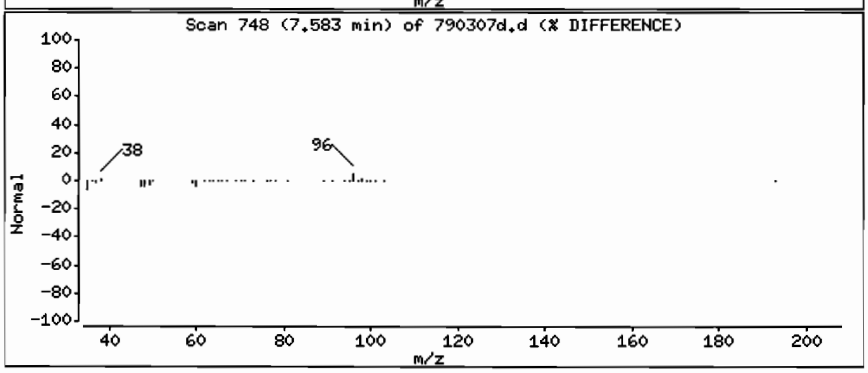
27 trans-1,2-Dichloroethene

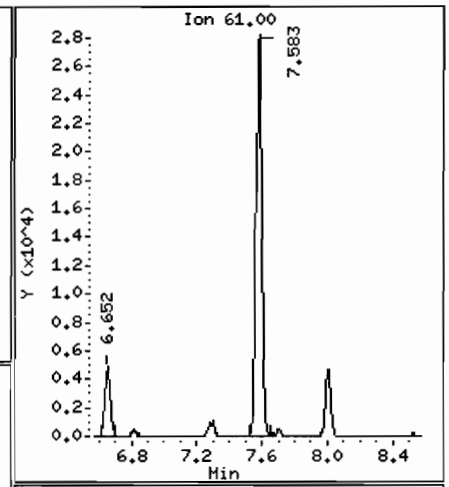
Concentration: 63 ppbv

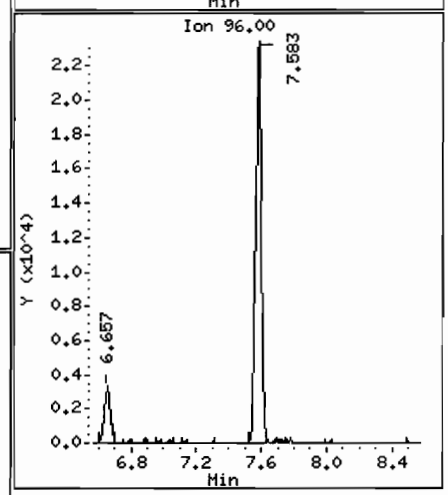












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

Client ID: 25VP-35V6.5

Instrument: F.i

Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)

Purge Volume: 19.0

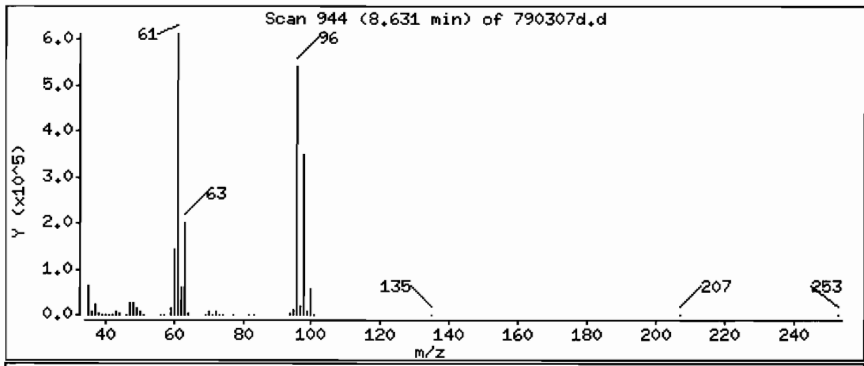
Operator: pad

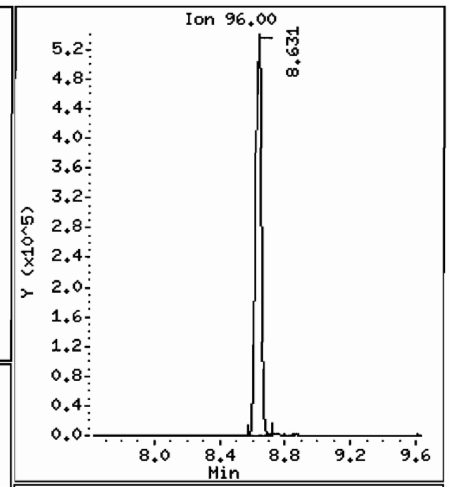
Column phase: RTX-624

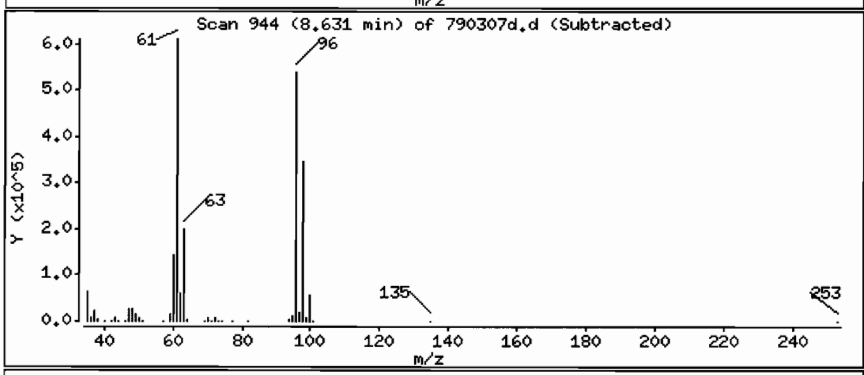
Column diameter: 0.32

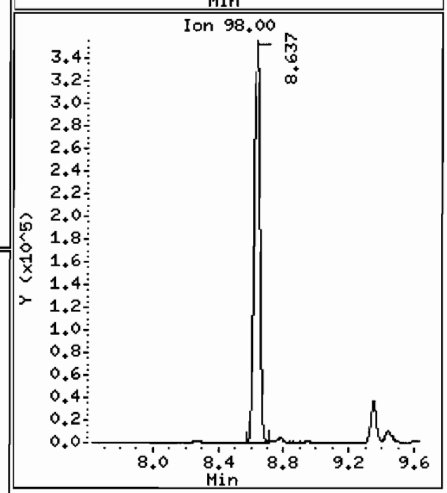
31 cis-1,2-Dichloroethene

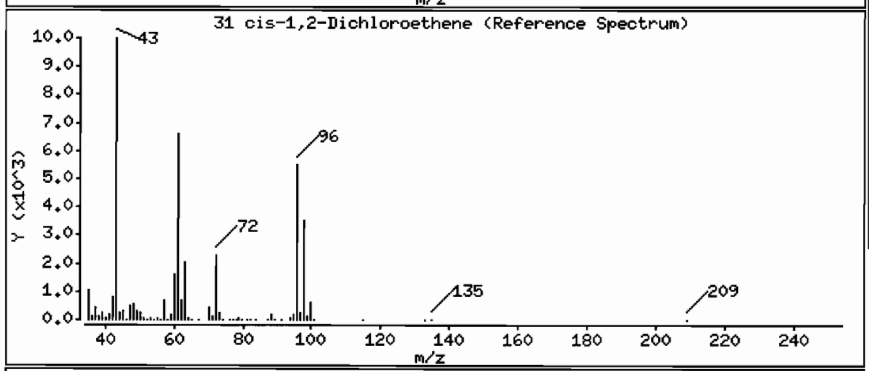
Concentration: 1500 ppbv

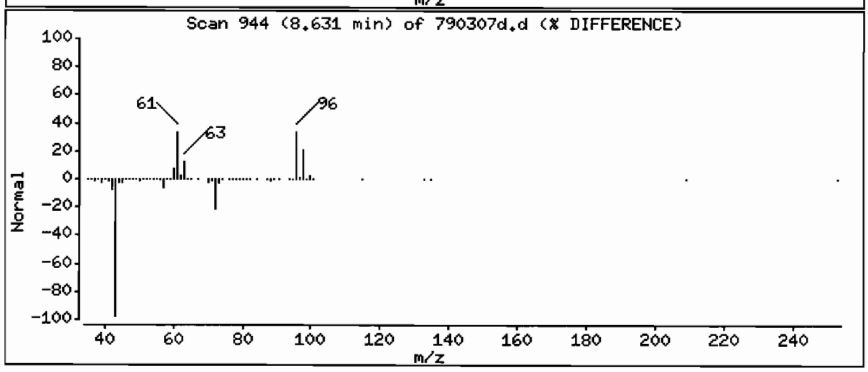












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

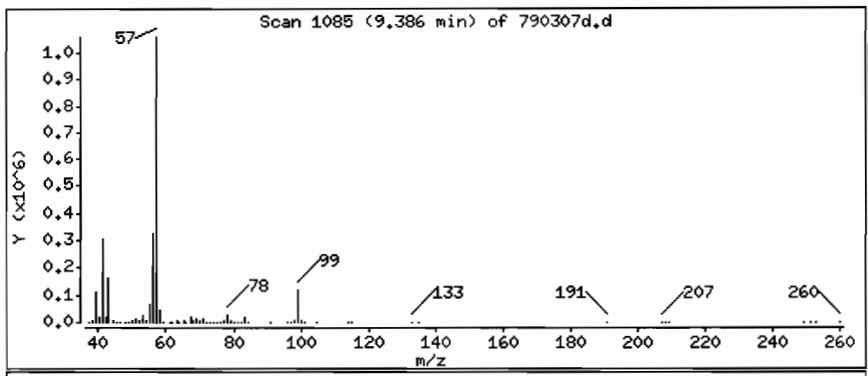
Client ID: 25VP-35V6.5 Instrument: F.i

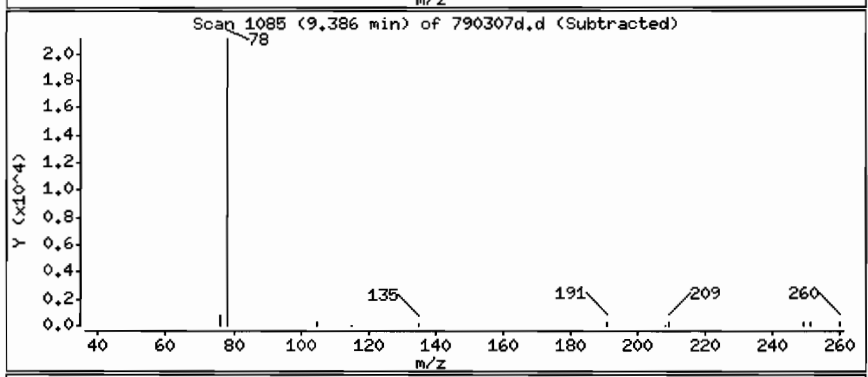
Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)

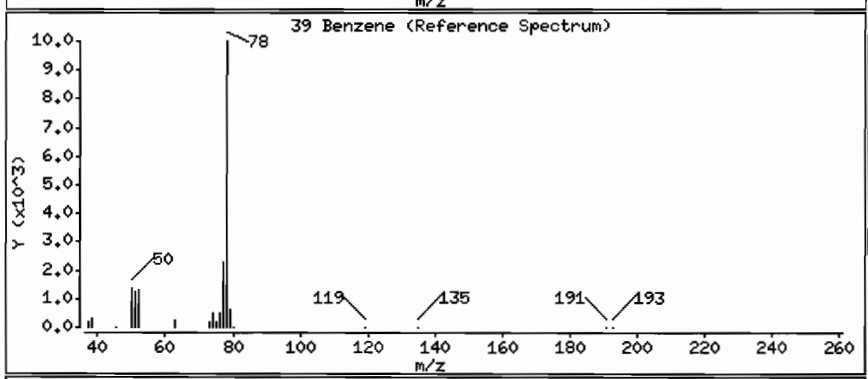
Purge Volume: 19.0 Operator: pad

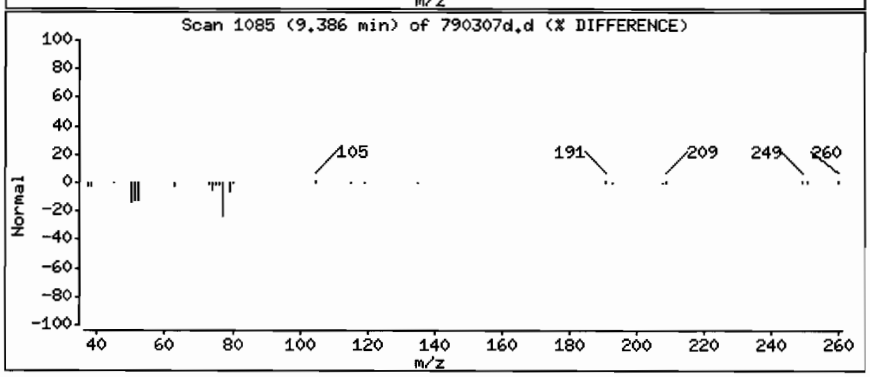
Column phase: RTX-624 Column diameter: 0.32

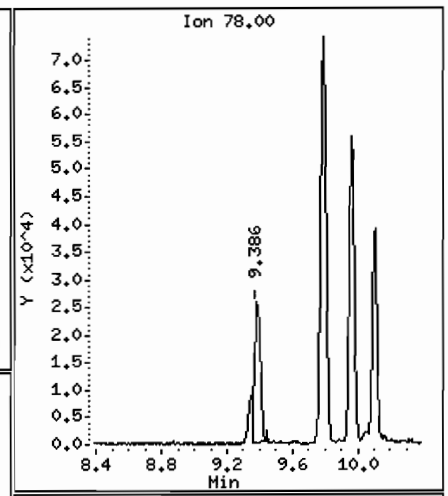
39 Benzene Concentration: 27 ppbv

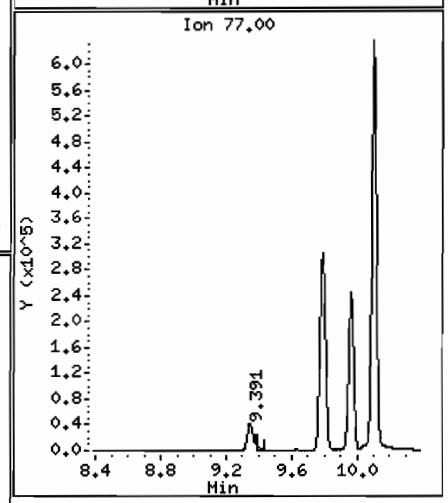












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

Client ID: 25VP-35V6.5

Instrument: F.i

Sample Info: 20090325VP-35V6.5 :[103/25/09 @1132(AIR)

Purge Volume: 19.0

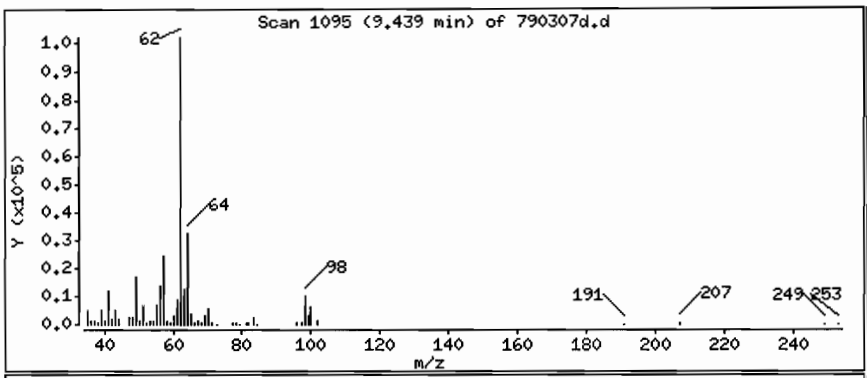
Operator: pad

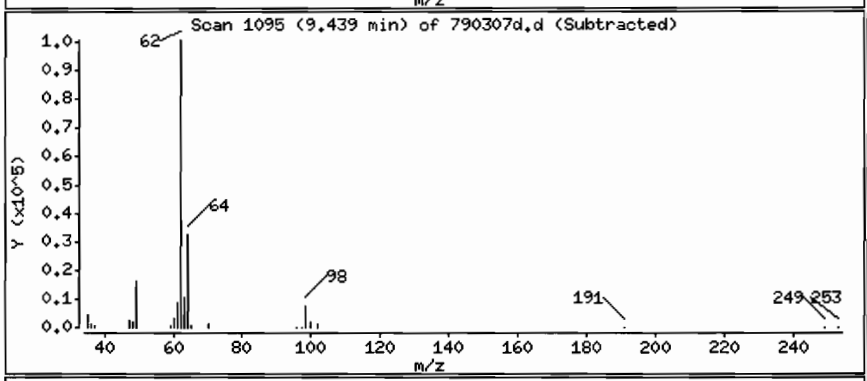
Column phase: RTX-624

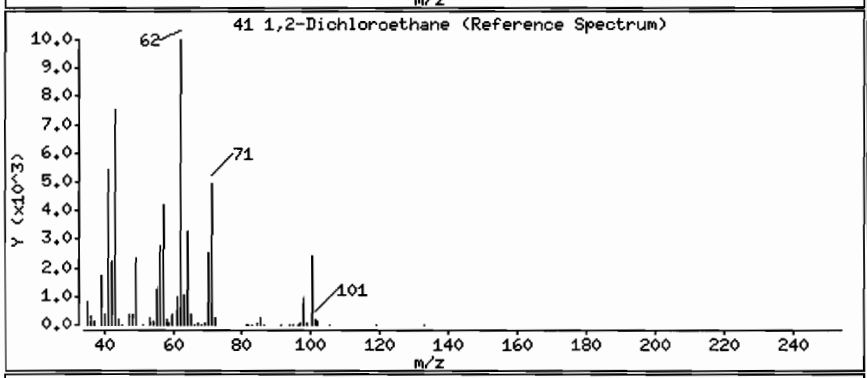
Column diameter: 0.32

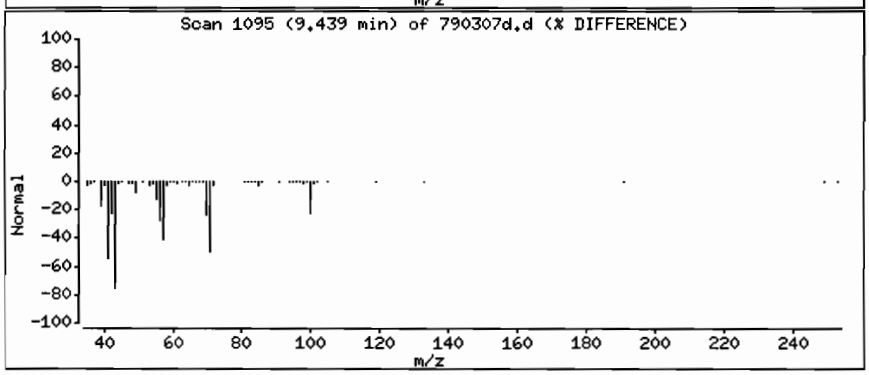
41 1,2-Dichloroethane

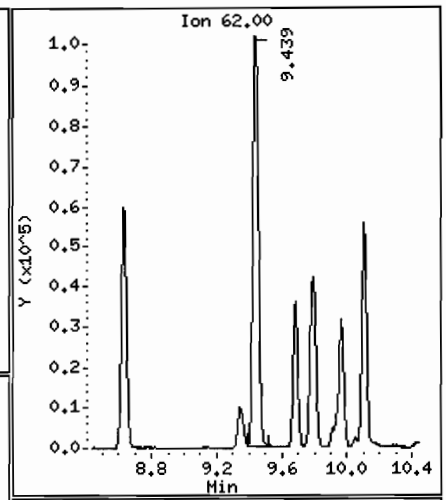
Concentration: 170 ppbv

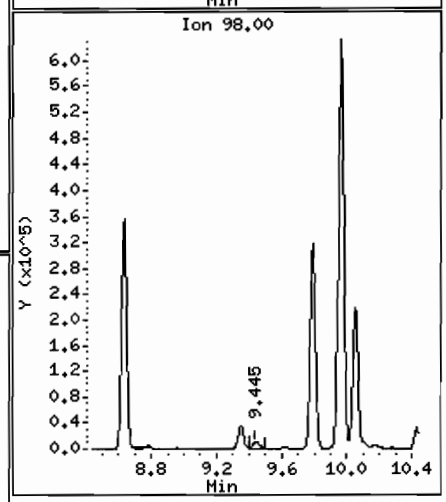












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

Client ID: 25VP-35V6.5

Instrument: F.i

Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)

Purge Volume: 19.0

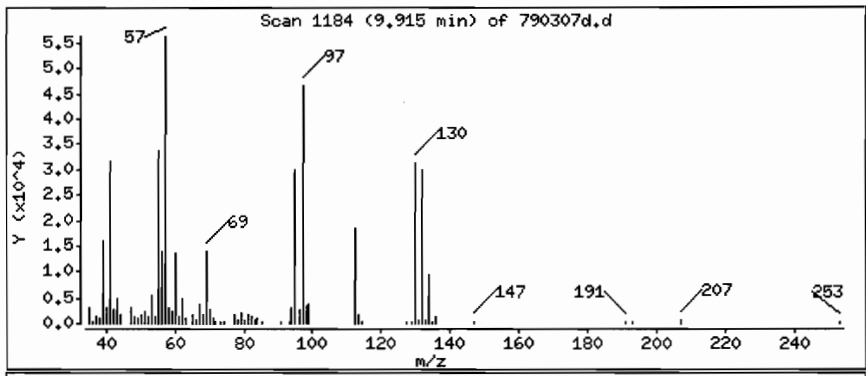
Operator: pad

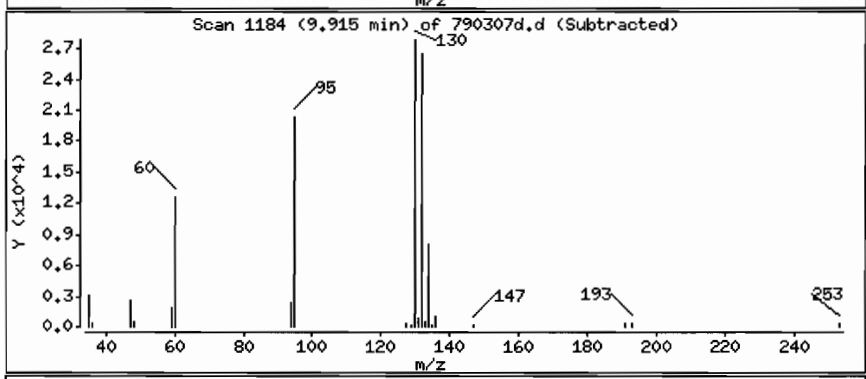
Column phase: RTX-624

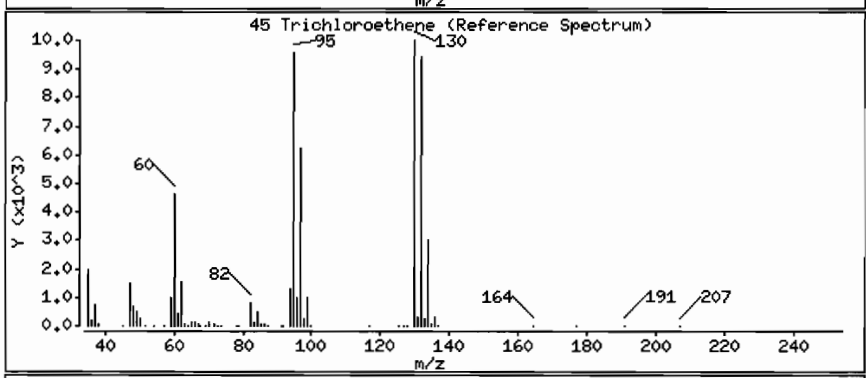
Column diameter: 0.32

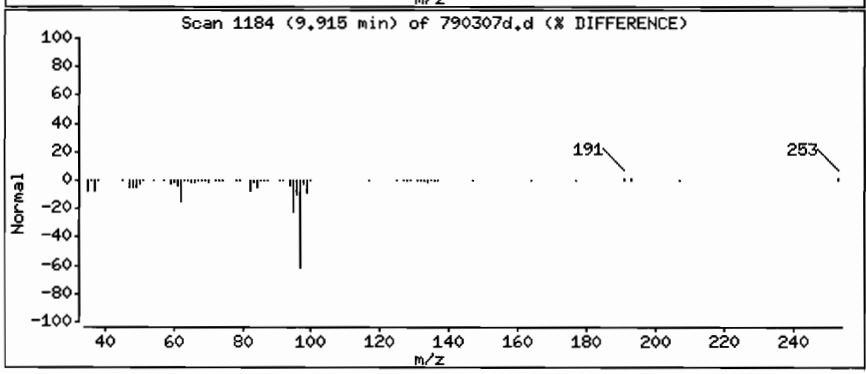
45 Trichloroethene

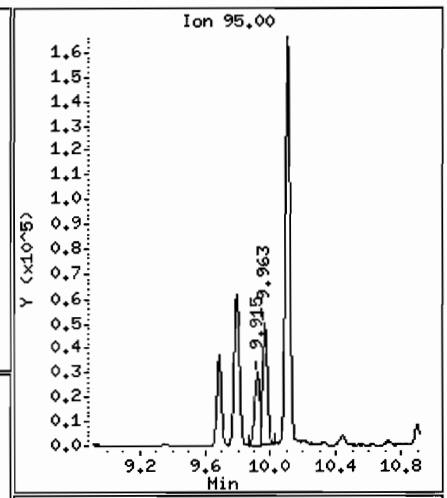
Concentration: 52 ppbv

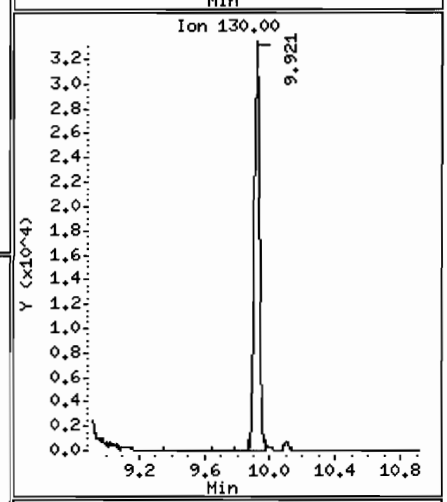


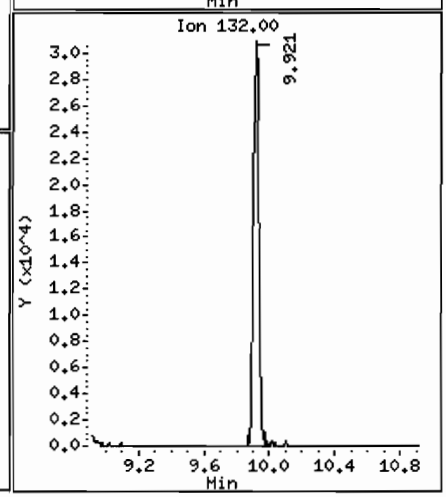












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Page 10

Date : 03-APR-2009 04:07

Client ID: 25VP-35V6.5

Instrument: F.i

Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)

Purge Volume: 19.0

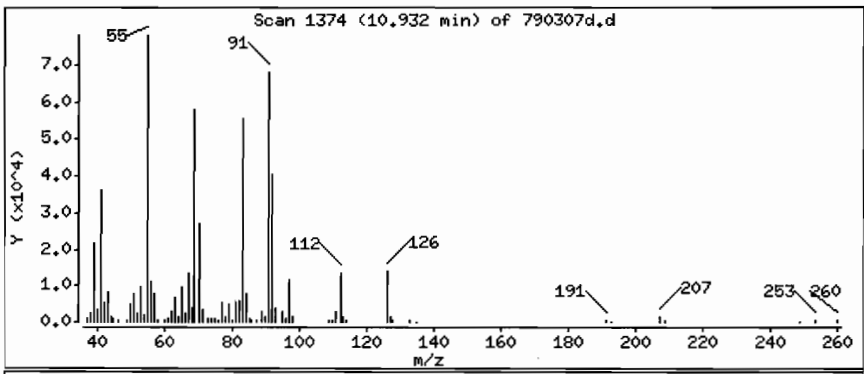
Operator: pad

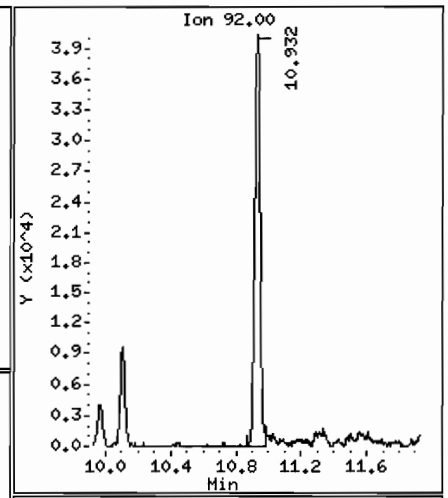
Column phase: RTX-624

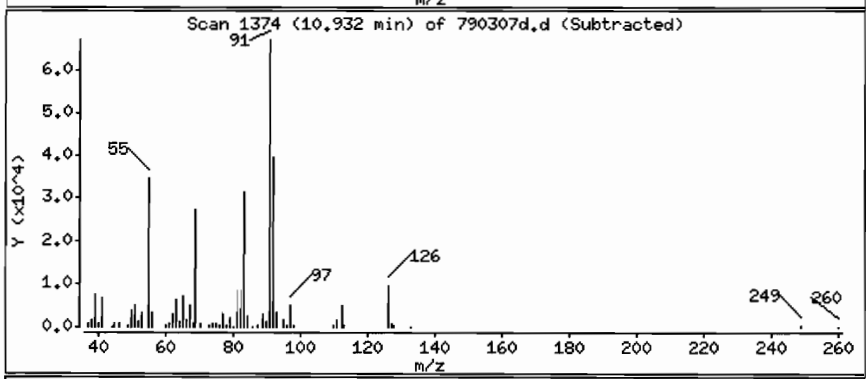
Column diameter: 0.32

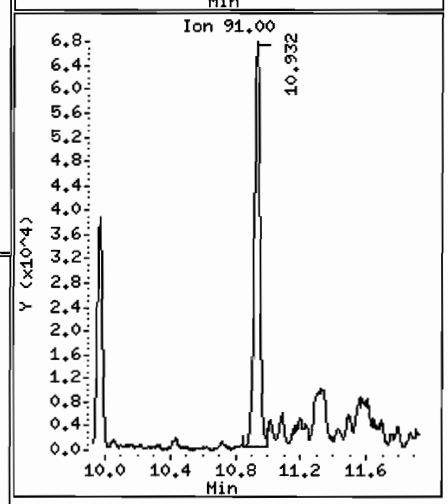
54 Toluene

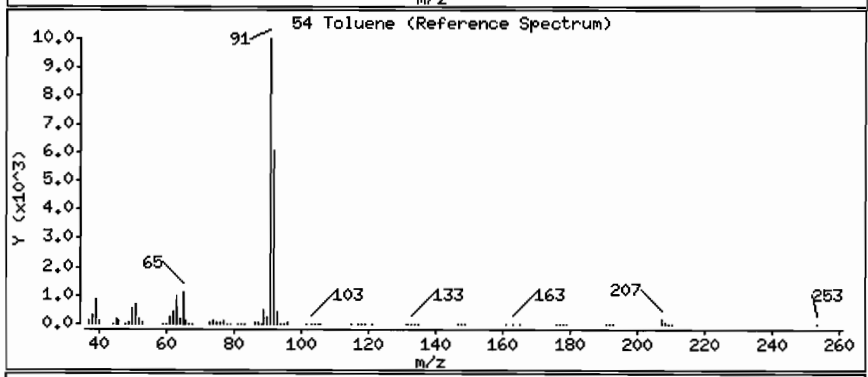
Concentration: 46 ppbv

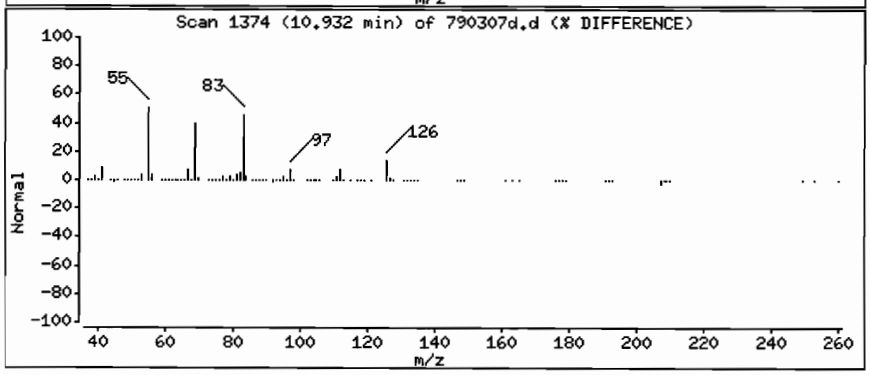












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

Client ID: 25VP-35V6.5

Instrument: F.i

Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)

Purge Volume: 19.0

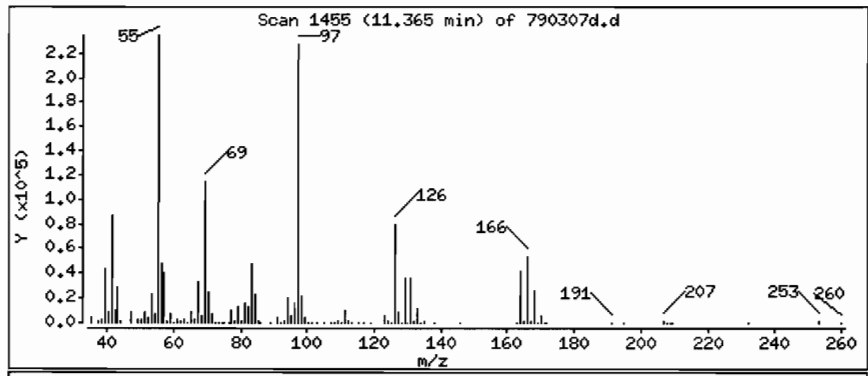
Operator: pad

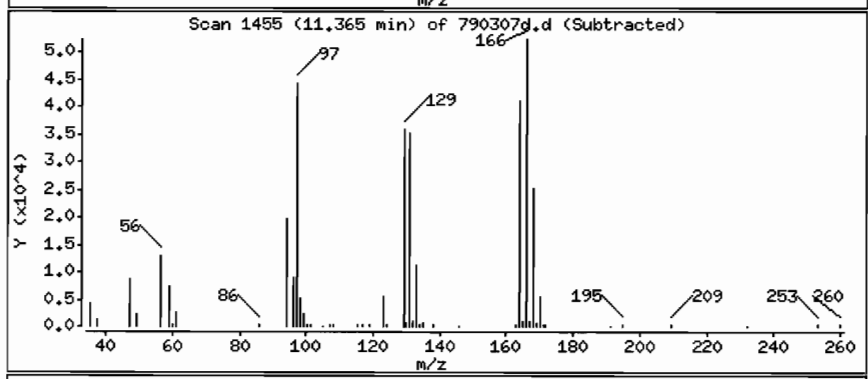
Column phase: RTX-624

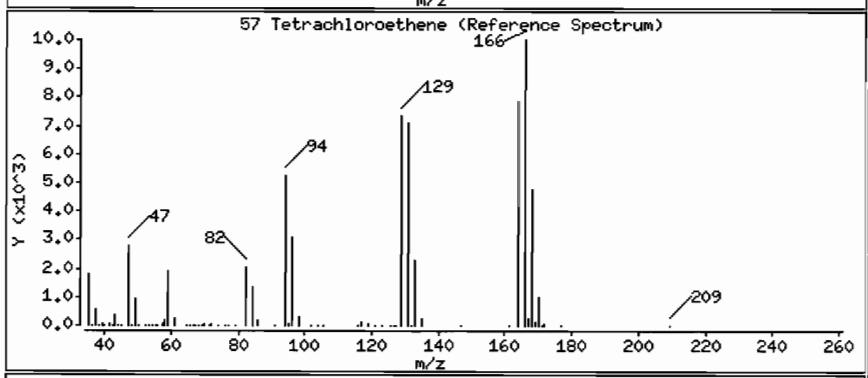
Column diameter: 0.32

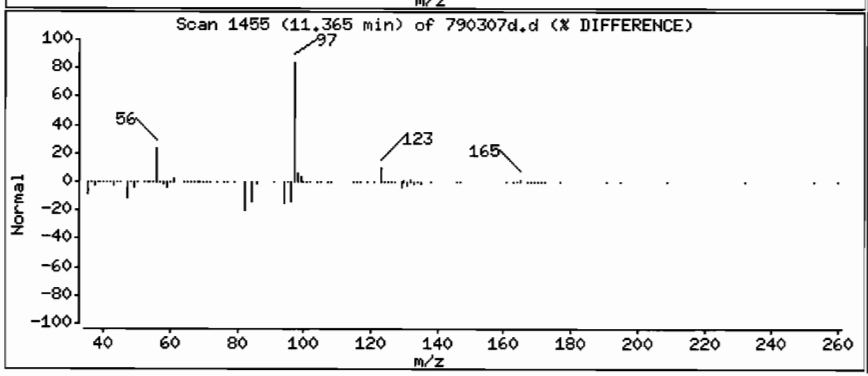
57 Tetrachloroethene

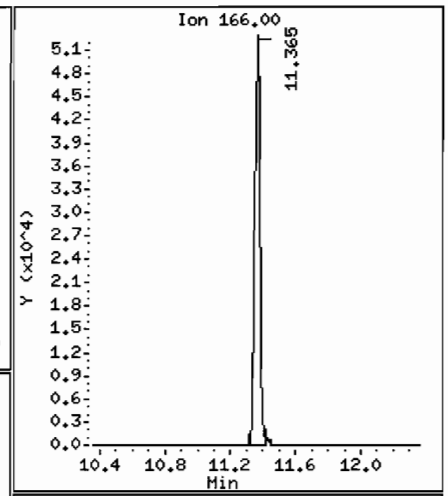
Concentration: 58 ppbv

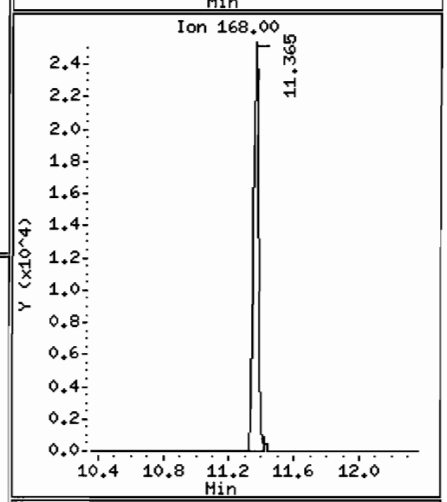


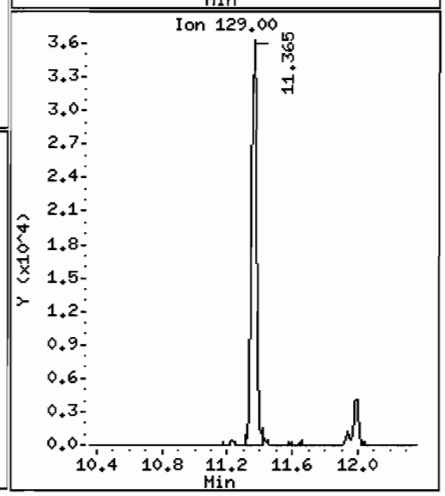












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

Client ID: 25VP-35V6.5

Instrument: F.i

Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)

Purge Volume: 19.0

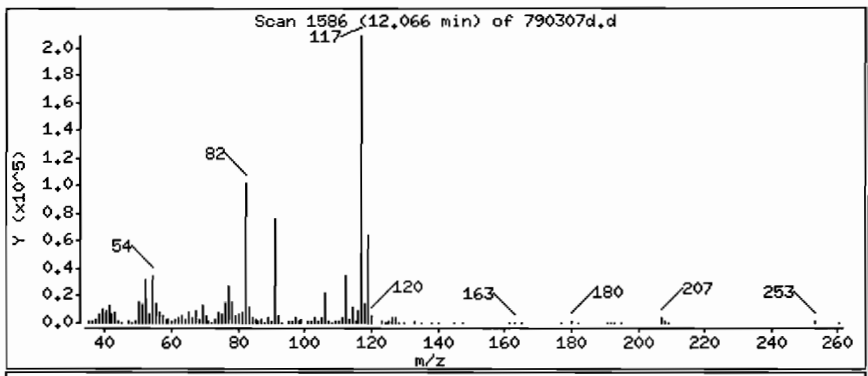
Operator: pad

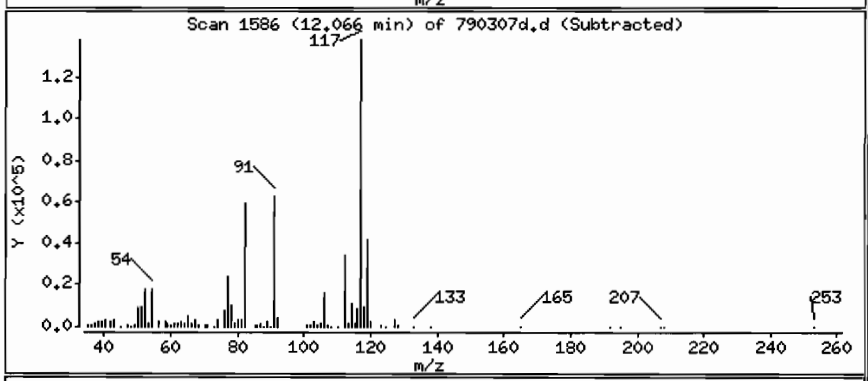
Column phase: RTX-624

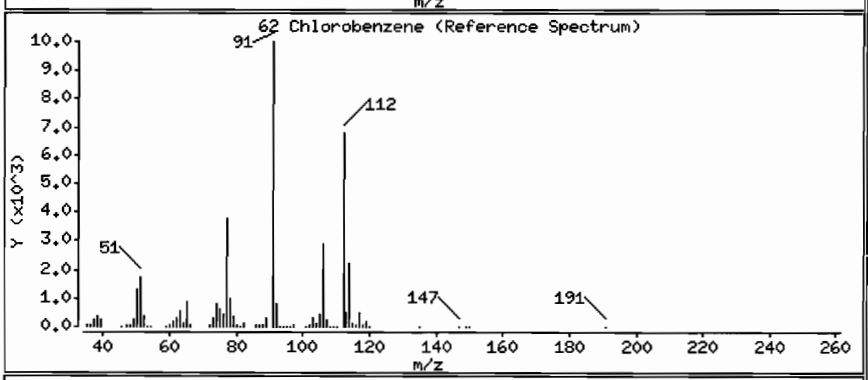
Column diameter: 0.32

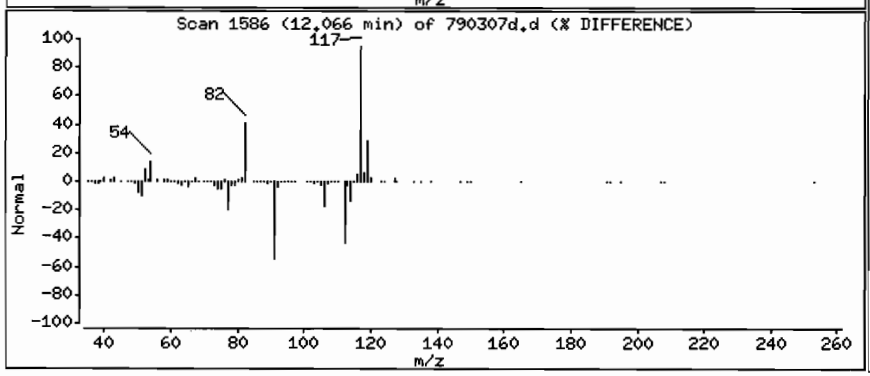
62 Chlorobenzene

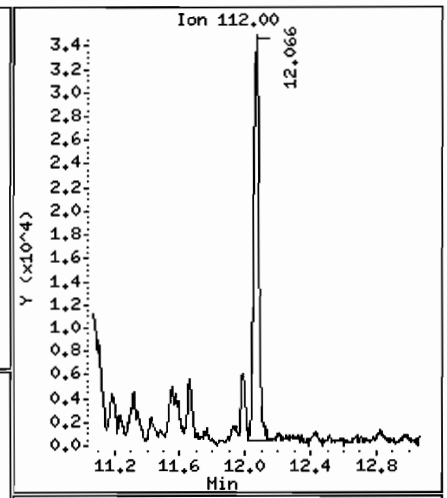
Concentration: 27 ppbv

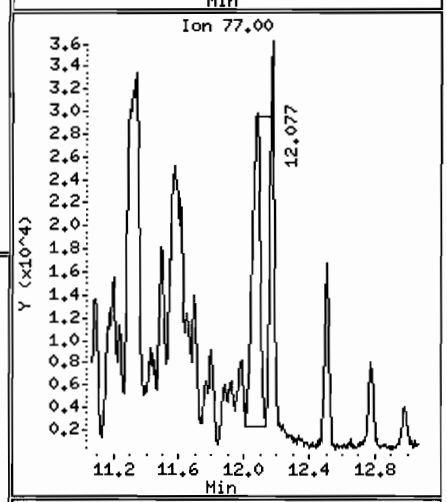


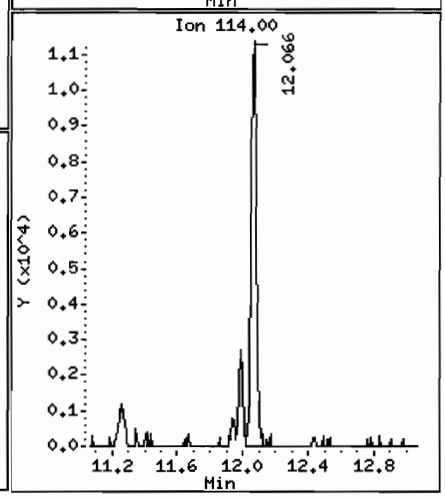












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

Client ID: 25VP-35V6.5

Instrument: F.i

Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)

Purge Volume: 19.0

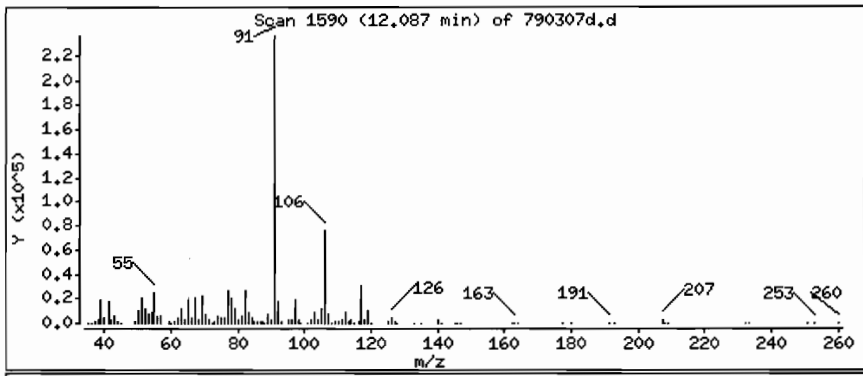
Operator: pad

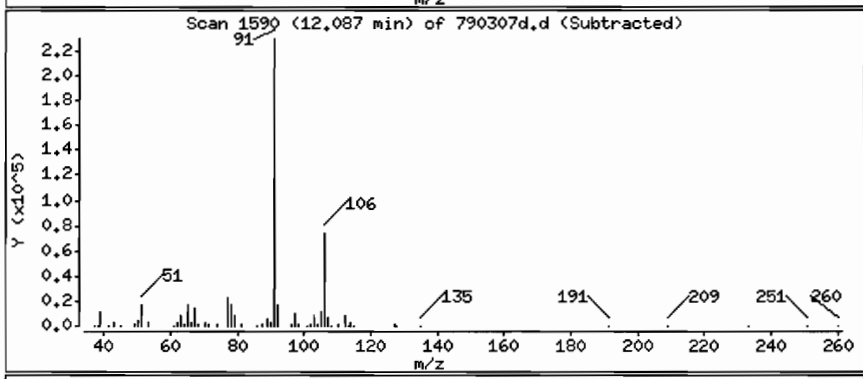
Column phase: RTX-624

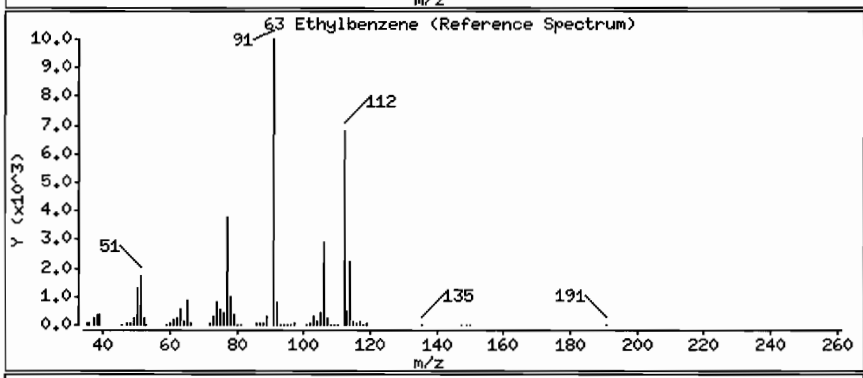
Column diameter: 0.32

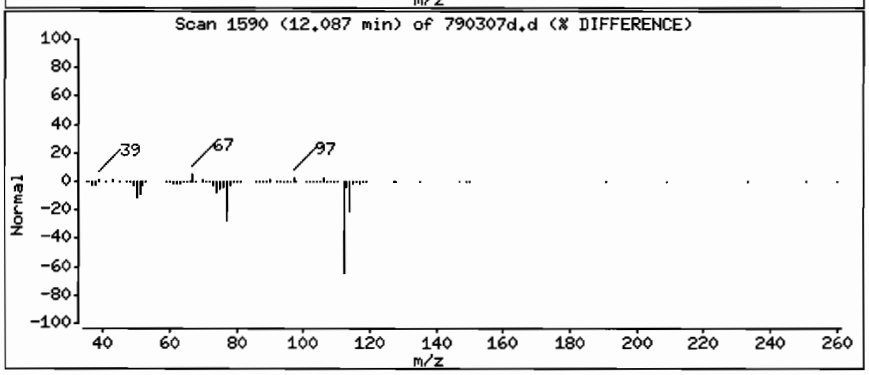
63 Ethylbenzene

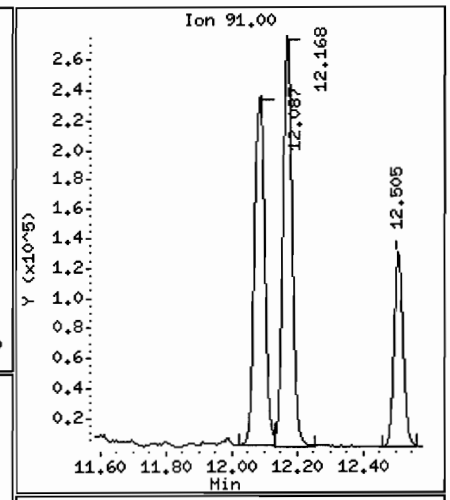
Concentration: 110 ppbv

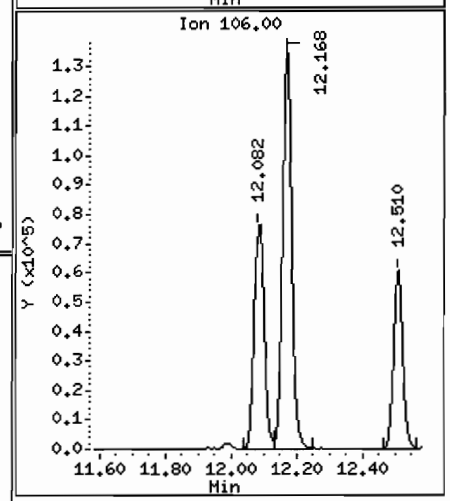












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

Client ID: 25VP-35V6.5

Instrument: F.i

Sample Info: 20090325VP-35V6.5 :[ ]03/25/09 @1132(AIR)

Purge Volume: 19.0

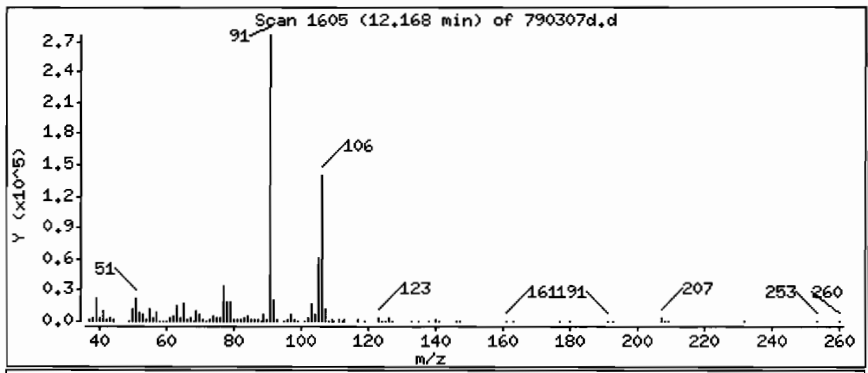
Operator: pad

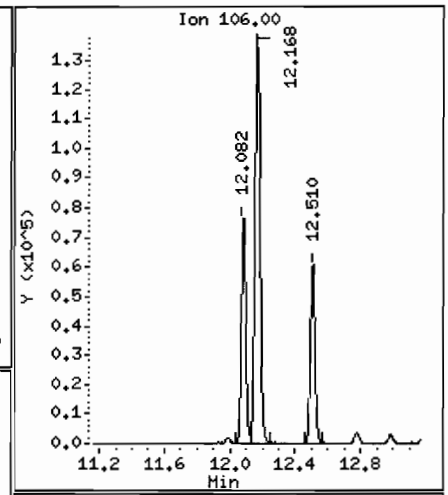
Column phase: RTX-624

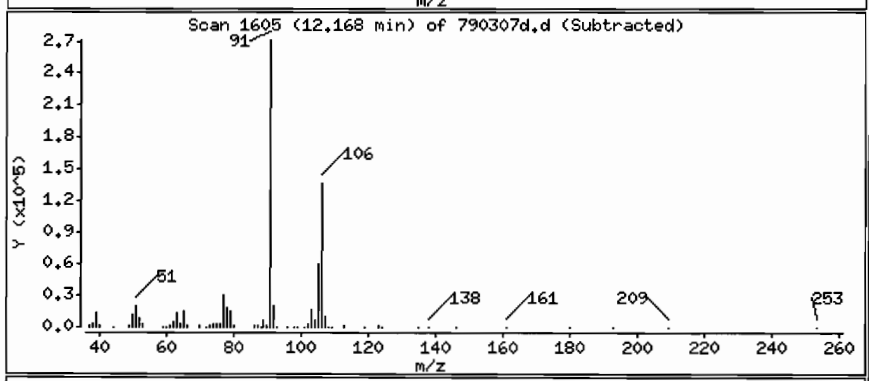
Column diameter: 0.32

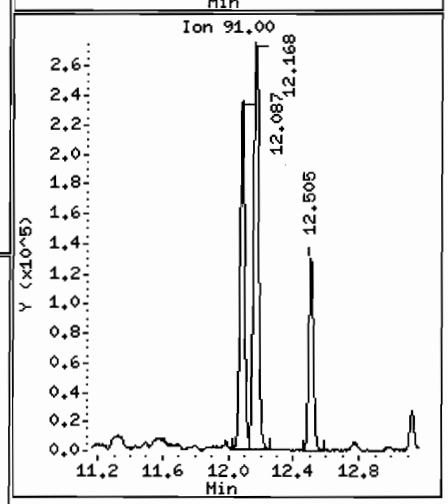
64 Xylene (m,p)

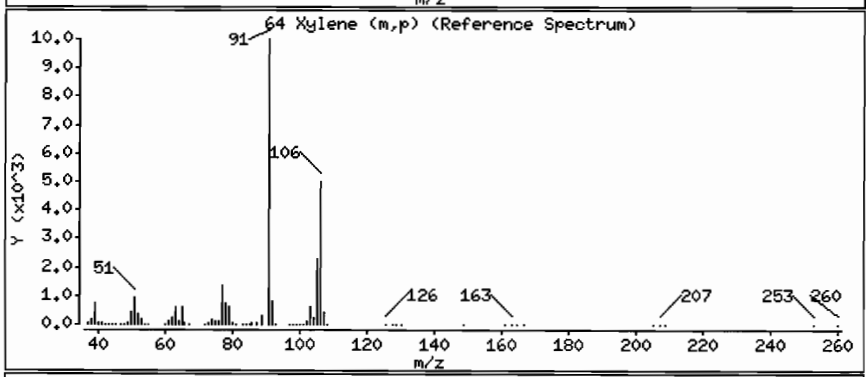
Concentration: 170 ppbv

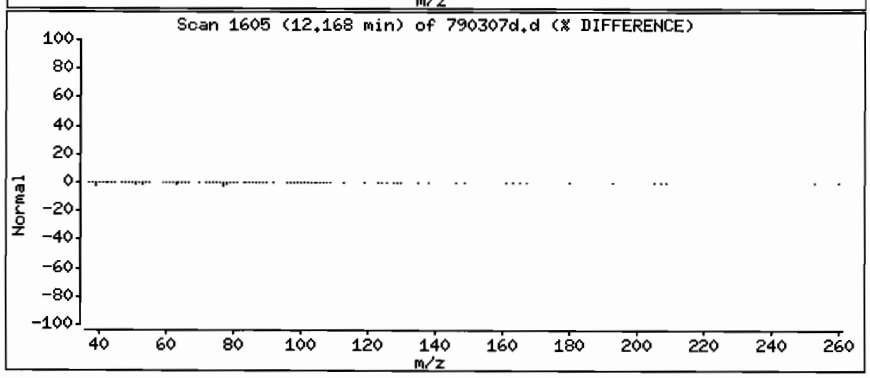












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790307d.d

Date : 03-APR-2009 04:07

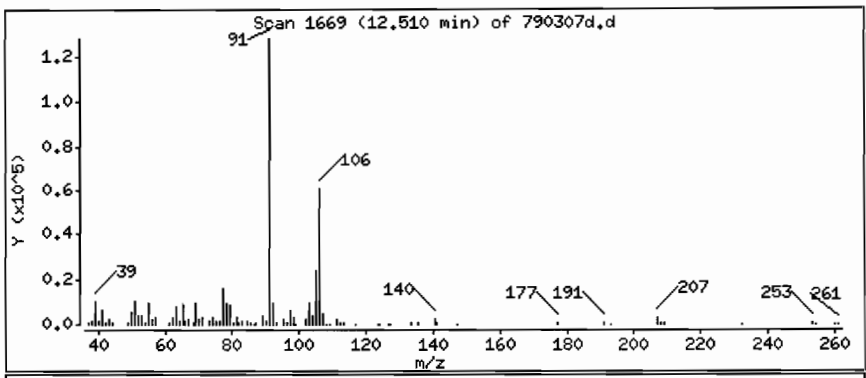
Client ID: 25VP-35V6.5 Instrument: F.i

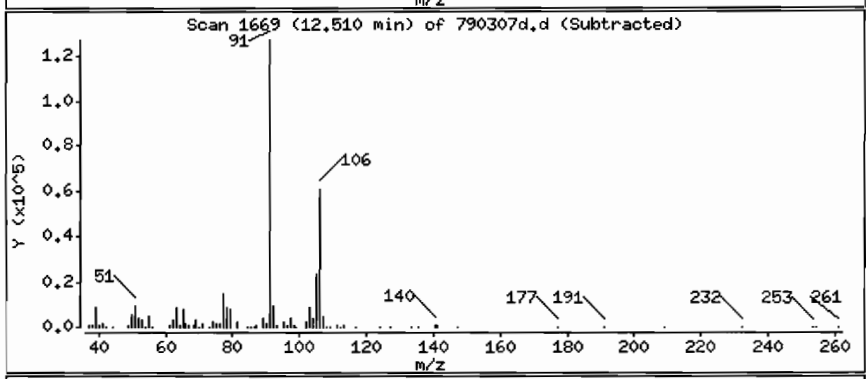
Sample Info: 20090325VP-35V6.5 :[J03/25/09 @1132(AIR)

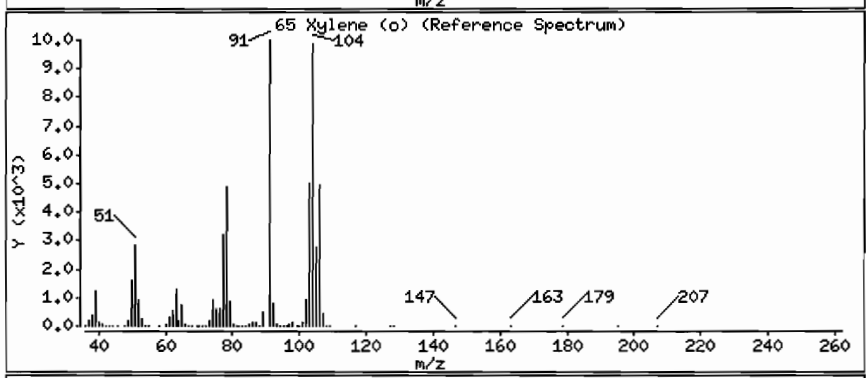
Purge Volume: 19.0 Operator: pad

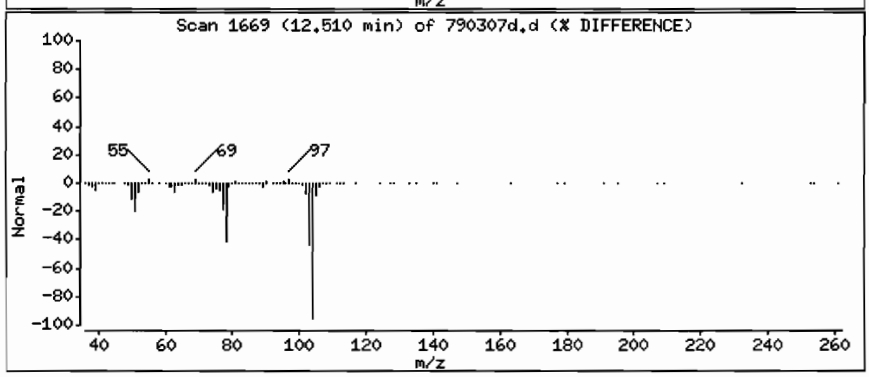
Column phase: RTX-624 Column diameter: 0.32

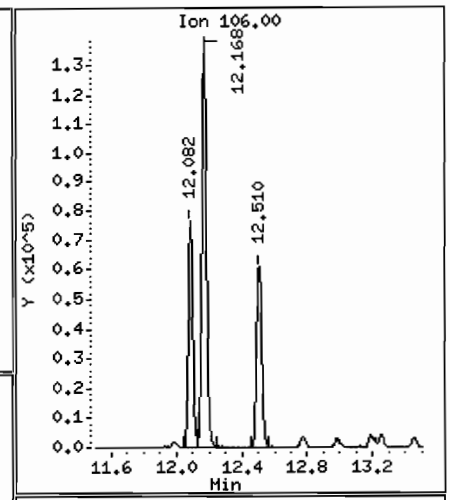
65 Xylene (o) Concentration: 78 ppbv

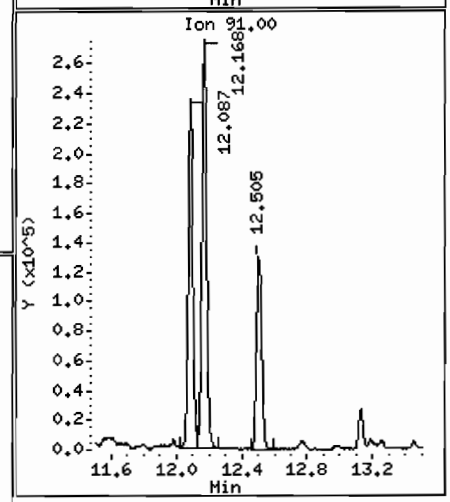










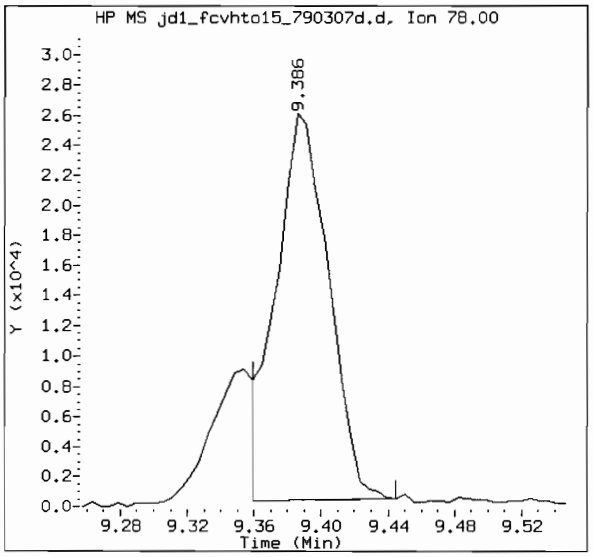


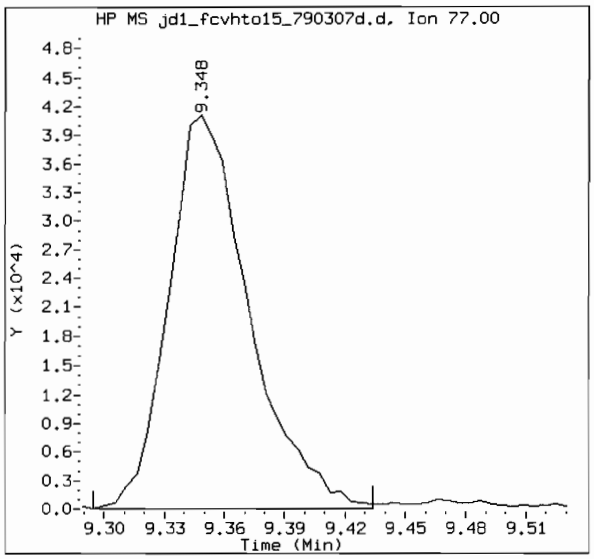
MANUAL INTEGRATION REPORT

Data File Name: 790307d.d
Client Sample ID: 25VP-35V6.5
Compound Name: Benzene

Inj. Date and Time: 03-APR-2009 04:07
Instrument ID: F.i
CAS #: 71-43-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:34

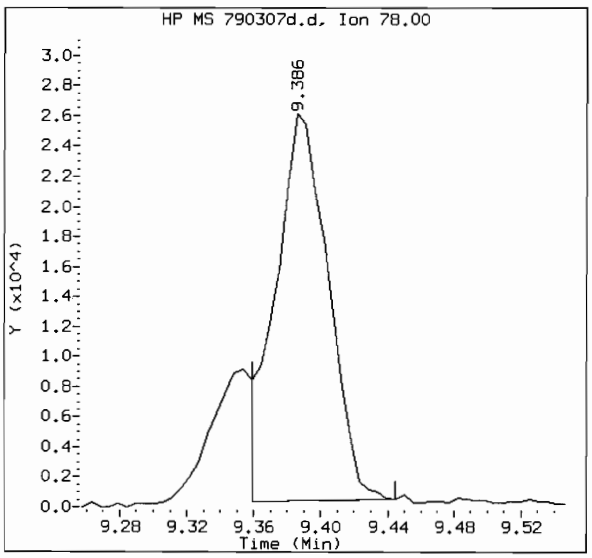


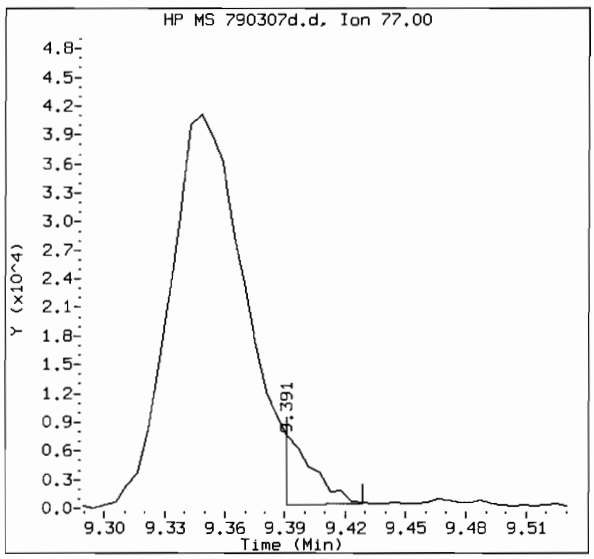


Original Integrations:

Area = 58154

Area = 115008





Final Integrations:

Area = 58154

Area = 7516

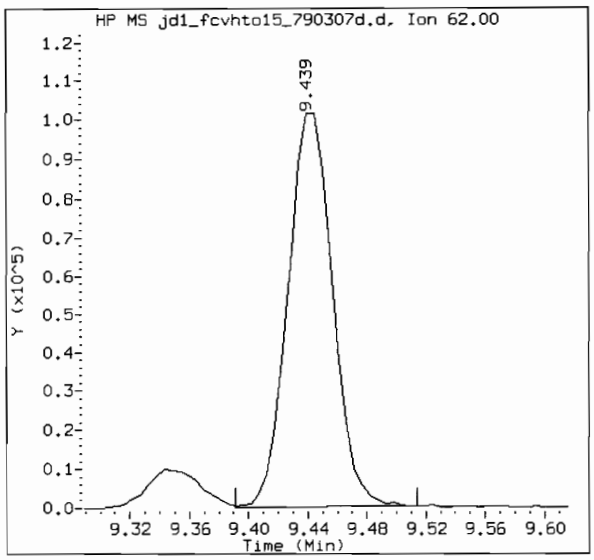
Manual Integration Reason: MI1 - Poor automated baseline

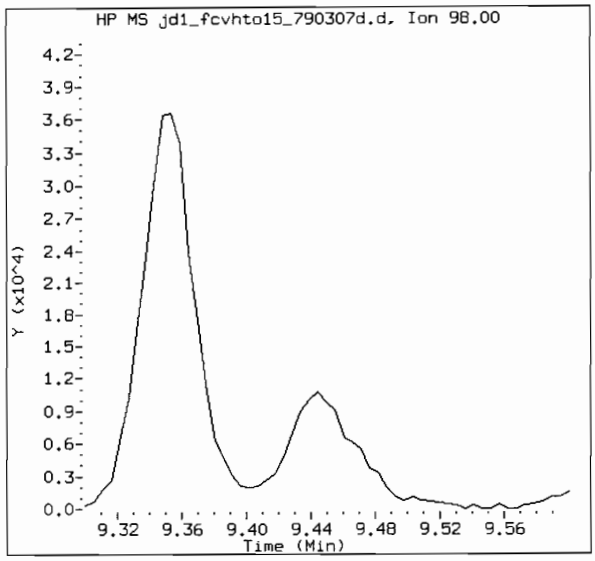
MANUAL INTEGRATION REPORT

Data File Name: 790307d.d
Client Sample ID: 25VP-35V6.5
Compound Name: 1,2-Dichloroethane

Inj. Date and Time: 03-APR-2009 04:07
Instrument ID: F.i
CAS #: 107-06-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:34





Original Integrations:

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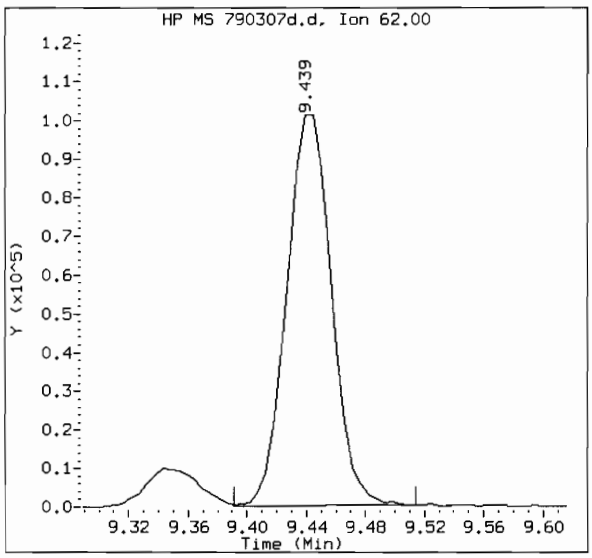
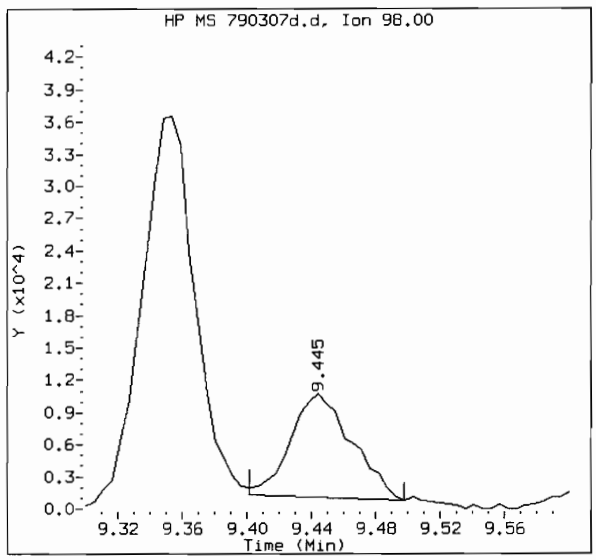
Area = 85058





Final Integrations:

Area = 213841

Area = 25725

Manual Integration Reason: MI1 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-37V11.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790312

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: 790312D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/07/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2020.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	1000	U
75-01-4	Vinyl Chloride	510	
74-83-9	Bromomethane	400	U
75-00-3	Chloroethane	1000	U
75-35-4	1,1-Dichloroethene	400	U
67-64-1	Acetone	10000	U
75-15-0	Carbon Disulfide	1000	U
75-09-2	Methylene Chloride	1000	U
156-60-5	trans-1,2-Dichloroethene	400	U
75-34-3	1,1-Dichloroethane	400	U
78-93-3	Methyl Ethyl Ketone	1000	U
156-59-2	cis-1,2-Dichloroethene	510	
67-66-3	Chloroform	400	U
71-55-6	1,1,1-Trichloroethane	400	U
56-23-5	Carbon Tetrachloride	400	U
71-43-2	Benzene	400	U
107-06-2	1,2-Dichloroethane	400	U
79-01-6	Trichloroethene	400	U
78-87-5	1,2-Dichloropropane	400	U
75-27-4	Bromodichloromethane	400	U
10061-01-5	cis-1,3-Dichloropropene	400	U
108-10-1	Methyl Isobutyl Ketone	1000	U
108-88-3	Toluene	16000	
10061-02-6	trans-1,3-Dichloropropene	400	U
79-00-5	1,1,2-Trichloroethane	400	U
127-18-4	Tetrachloroethene	400	U
591-78-6	Methyl Butyl Ketone	1000	U
124-48-1	Dibromochloromethane	400	U
108-90-7	Chlorobenzene	400	U
100-41-4	Ethylbenzene	50000	
1330-20-7	Xylene (m,p)	89000	
95-47-6	Xylene (o)	2900	
100-42-5	Styrene	400	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-37V11.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790312

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: 790312D2

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/07/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2020.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	400	U
79-34-5	1,1,2,2-Tetrachloroethane	400	U

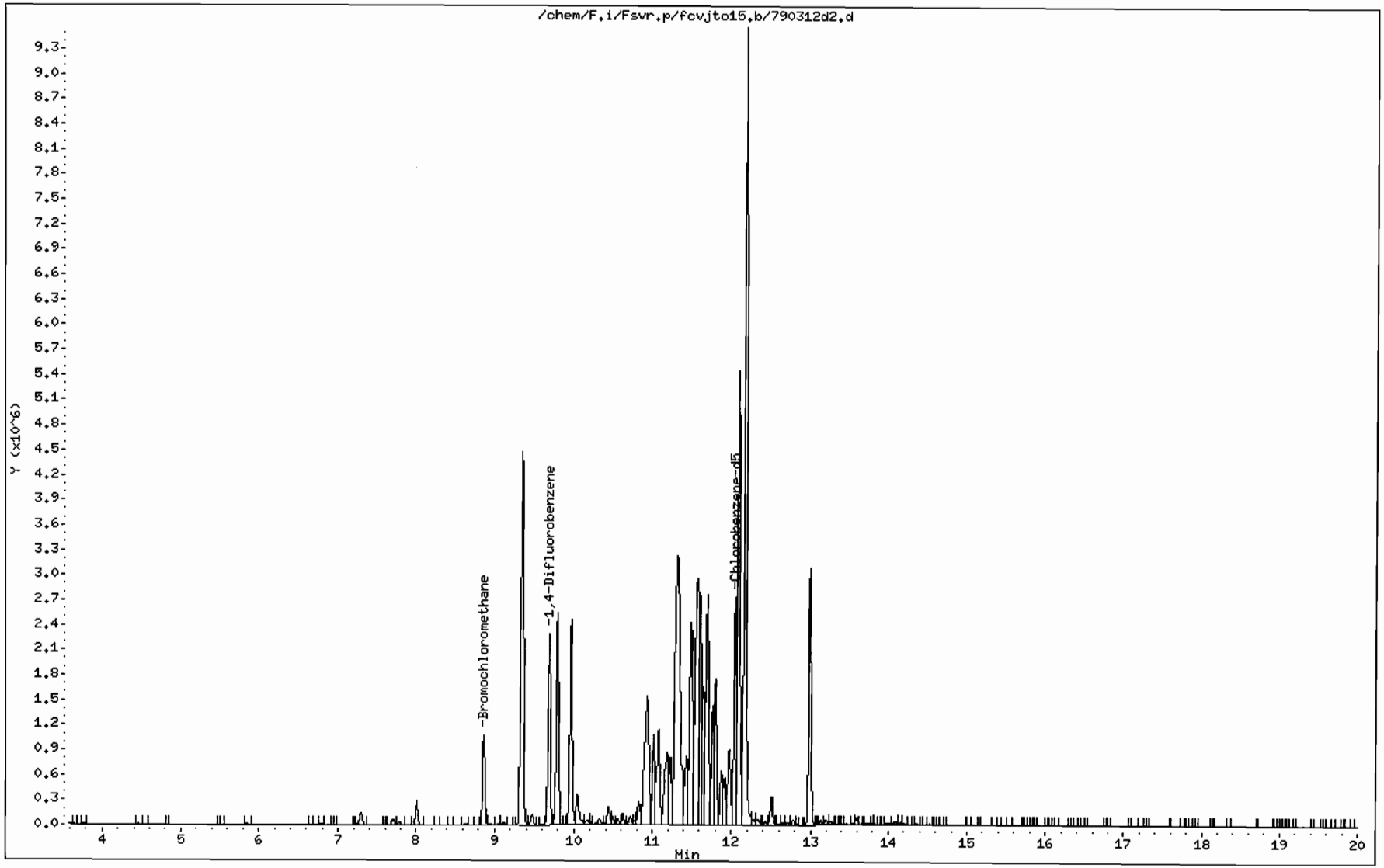
FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvjto15.b/790312d2.d
Date : 07-APR-2009 22:03
Client ID: 25VP-37V11.5
Sample Info: 20090325VP-37V11.5 :[ ]03/25/09 @1505(AIR)
Purge Volume: 25.0
Column phase: RTX-624

Page 3

Instrument: F.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvjto15.b/790312d2.d
Lab Smp Id: 790312 Client Smp ID: 25VP-37V11.5
Inj Date : 07-APR-2009 22:03
Operator : pad Inst ID: F.i
Smp Info : 20090325VP-37V11.5 :[ ]03/25/09 @1505(AIR)
Misc Info : 790312;040709FA;2020;25;cdf253
Comment :
Method : /chem/F.i/Fsvr.p/fcvjto15.b/sto15.m
Meth Date : 14-Apr-2009 20:40 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 4
Dil Factor: 2020.00000
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	2020.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	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	4.539	4.518	(0.512)	6951	0.25485	510
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	8.637	8.631	(0.974)	8709	0.25289	510
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	391668	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	9.685	9.685	(1.000)	2082467	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	10.927	10.926	(0.907)	639482	7.97234	16000
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	12.045	12.039	(1.000)	1834717	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.087	12.082	(1.004)	4483792	24.6034	50000
64 Xylene (m,p)	106	12.168	12.168	(1.010)	3246860	44.1582	89000
65 Xylene (o)	106	12.510	12.505	(1.039)	101778	1.45364	2900(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/F.i/Fsvr.p/fcvjto15.b/790312d2.d

Date : 07-APR-2009 22:03

Client ID: 25VP-37V11.5

Instrument: F.i

Sample Info: 20090325VP-37V11.5 :[103/25/09 @1505(AIR)

Purge Volume: 25.0

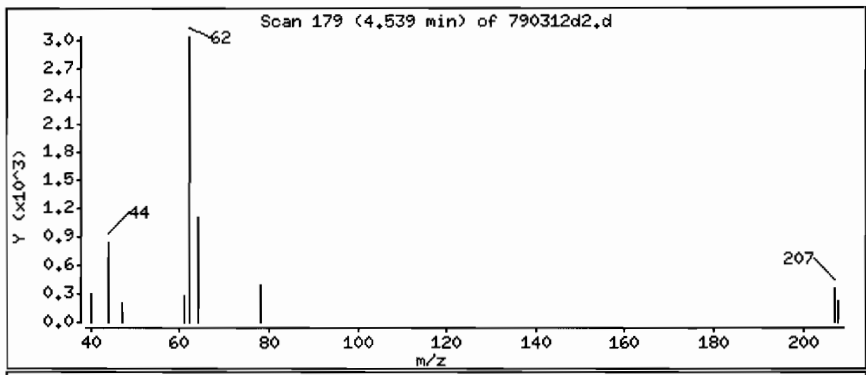
Operator: pad

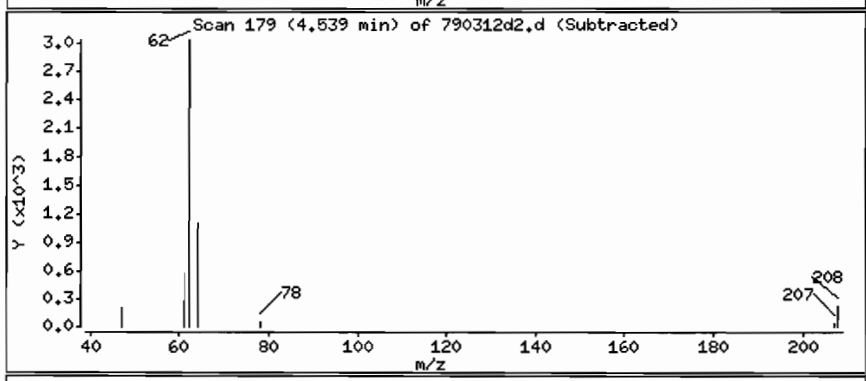
Column phase: RTX-624

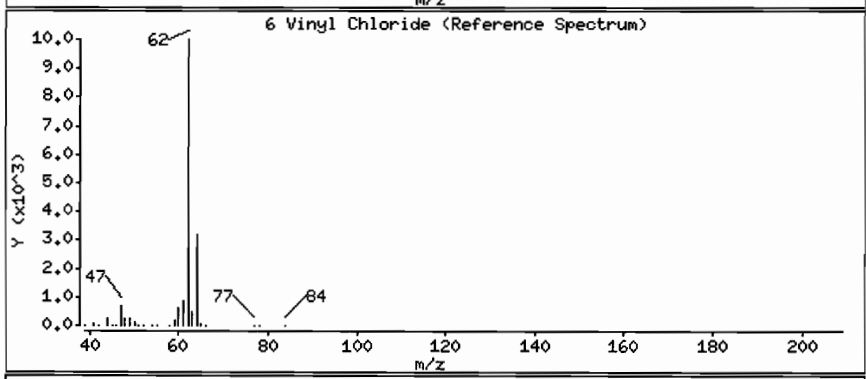
Column diameter: 0.32

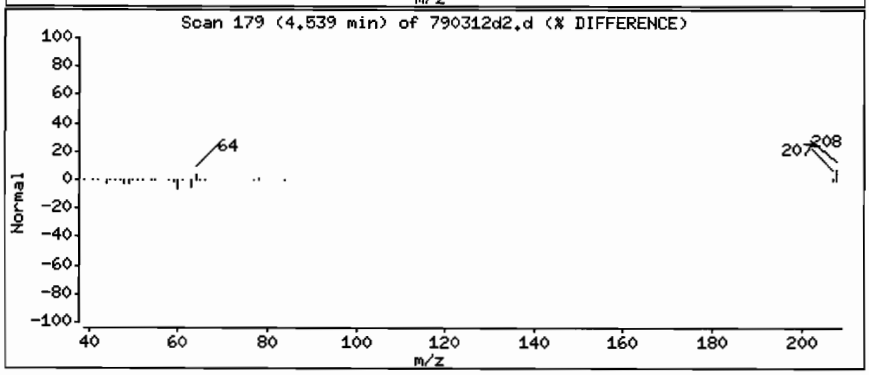
6 Vinyl Chloride

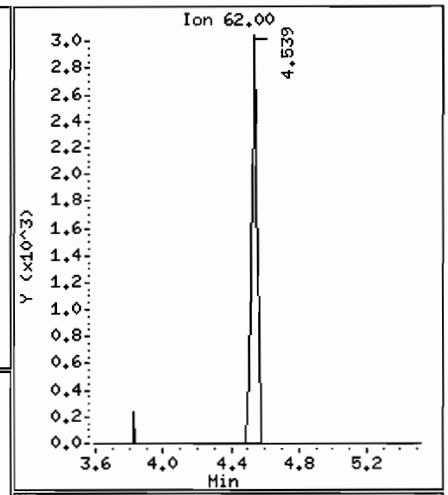
Concentration: 510 ppbv

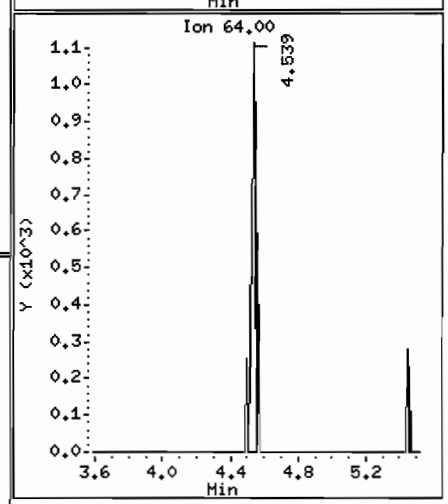












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Date : 07-APR-2009 22:03

Client ID: 25VP-37V11.5

Instrument: F.i

Sample Info: 20090325VP-37V11.5 :[ ]03/25/09 @1505(AIR)

Purge Volume: 25.0

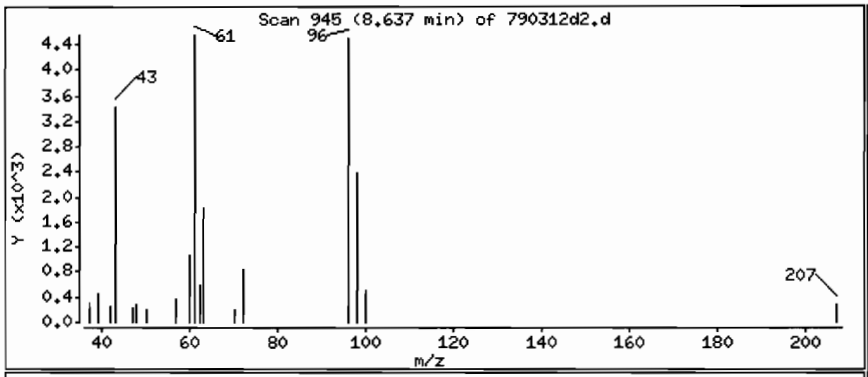
Operator: pad

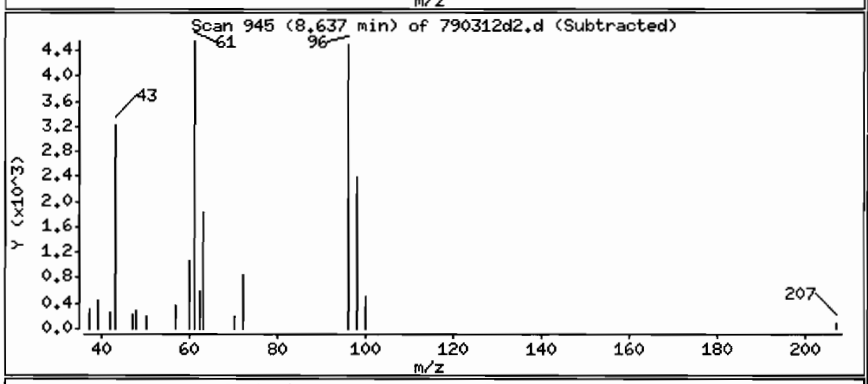
Column phase: RTX-624

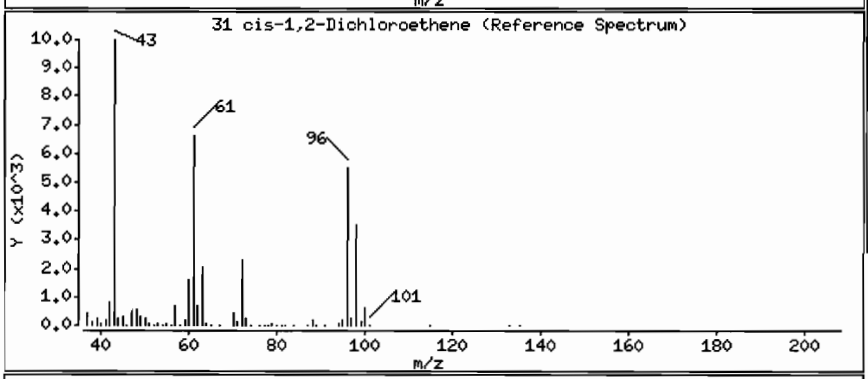
Column diameter: 0.32

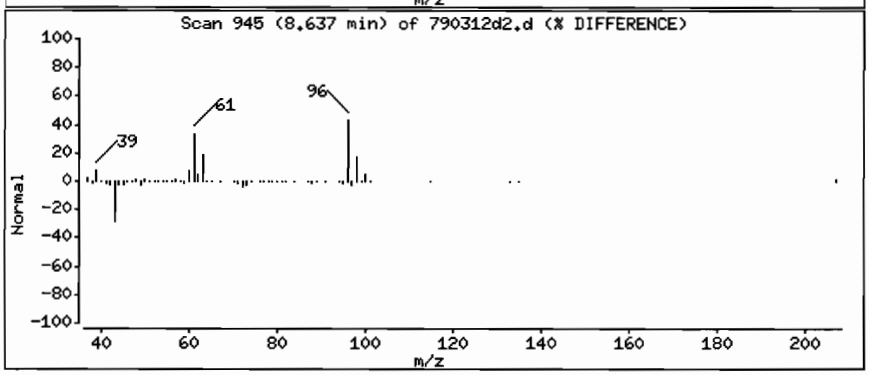
31 cis-1,2-Dichloroethene

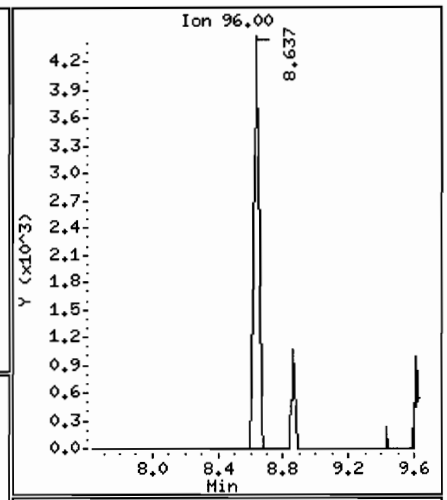
Concentration: 510 ppbv

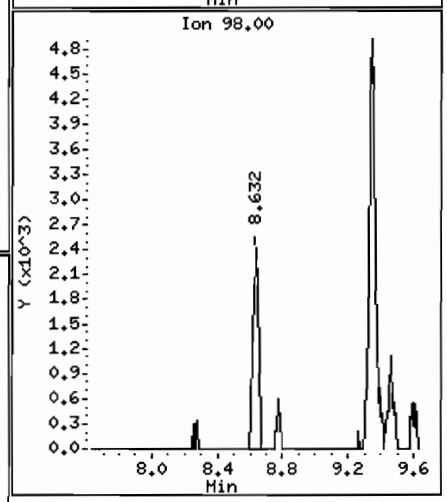












Data File: /chem/F.i/Fsvr.p/fcvjto15.b/790312d2.d

Date : 07-APR-2009 22:03

Client ID: 25VP-37V11.5

Instrument: F.i

Sample Info: 20090325VP-37V11.5 :[ ]03/25/09 @1505(AIR)

Purge Volume: 25.0

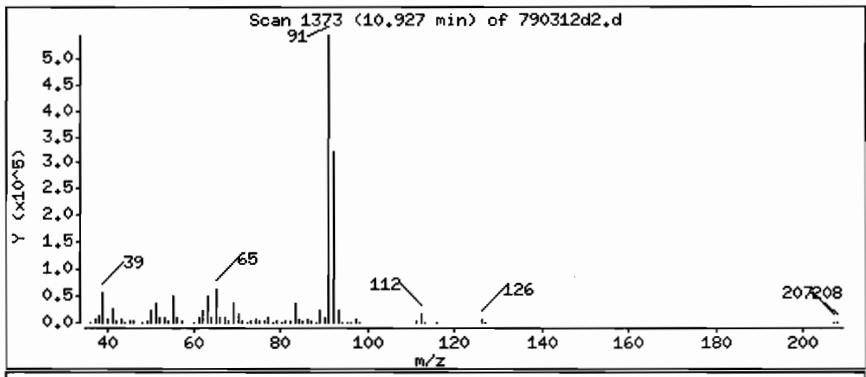
Operator: pad

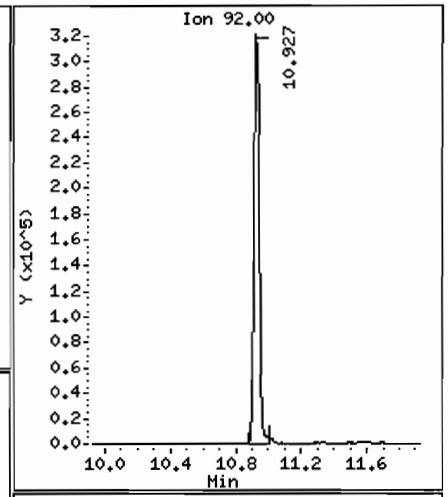
Column phase: RTX-624

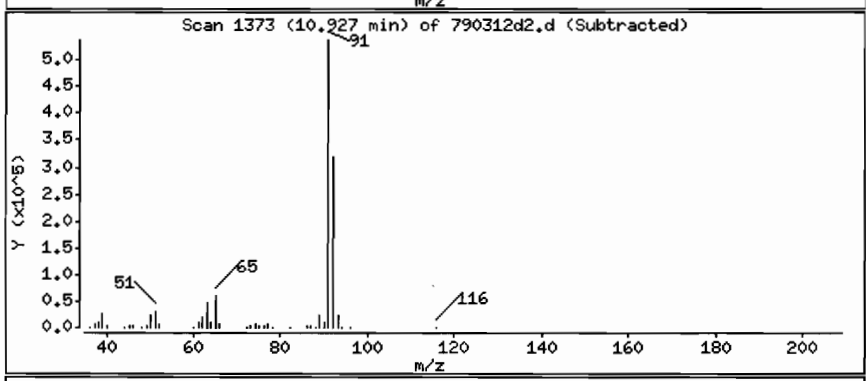
Column diameter: 0.32

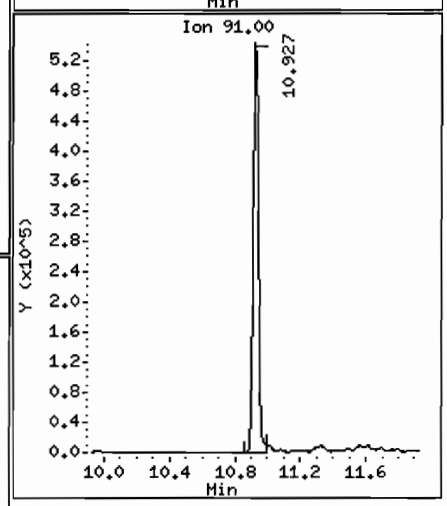
54 Toluene

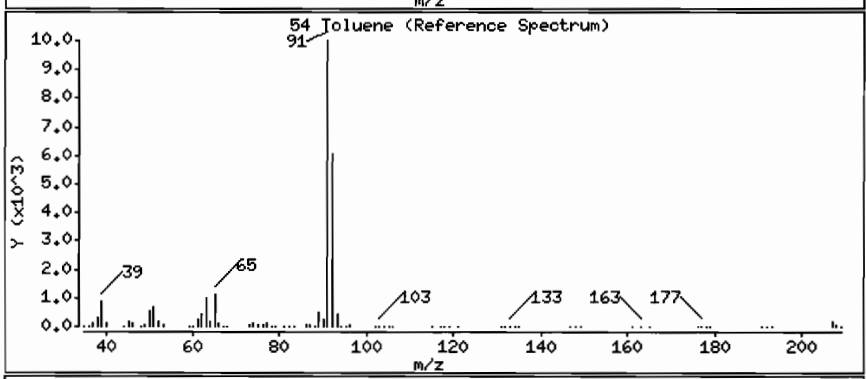
Concentration: 16000 ppbv

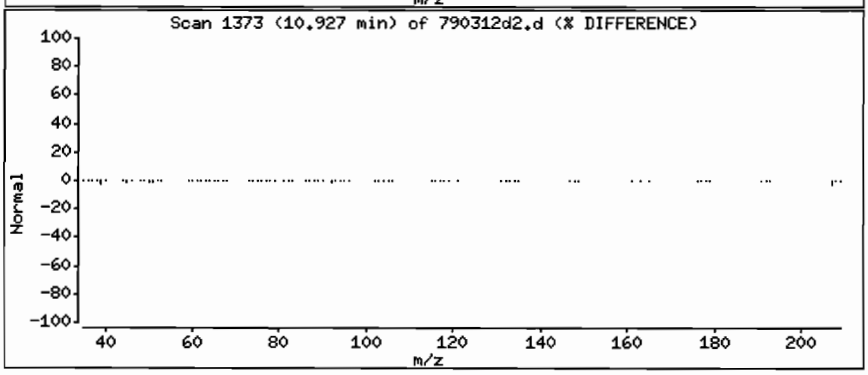












Data File: /chem/F.i/Fsvr.p/fcvjto15.b/790312d2.d

Date : 07-APR-2009 22:03

Client ID: 25VP-37V11.5

Instrument: F.i

Sample Info: 20090325VP-37V11.5 :[ ]03/25/09 @1505(AIR)

Purge Volume: 25.0

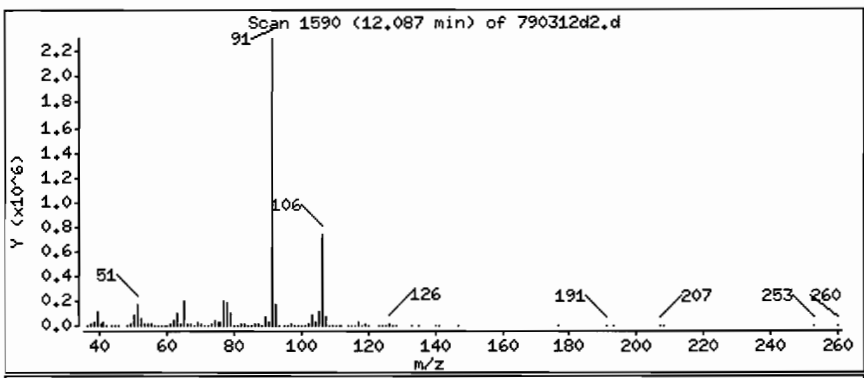
Operator: pad

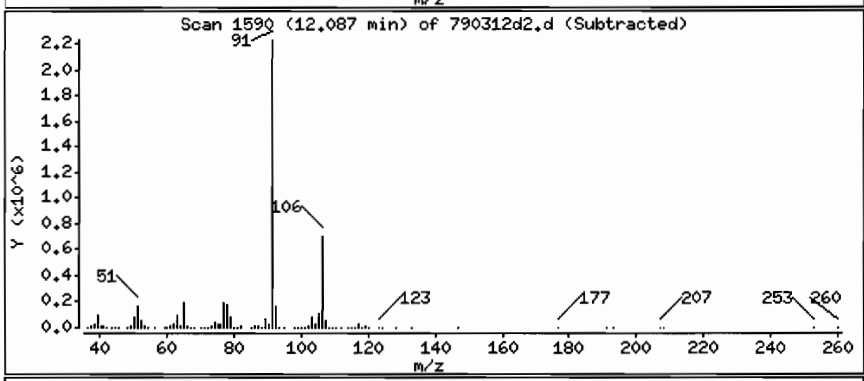
Column phase: RTX-624

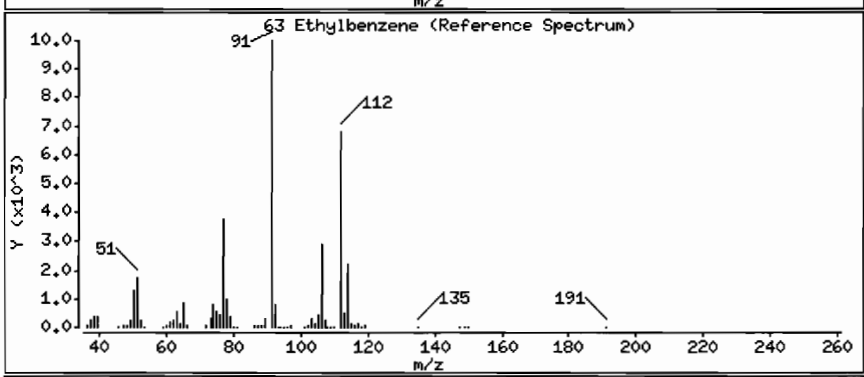
Column diameter: 0.32

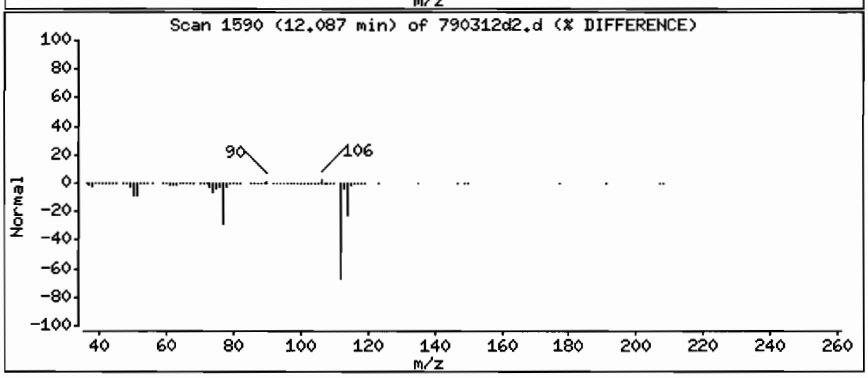
63 Ethylbenzene

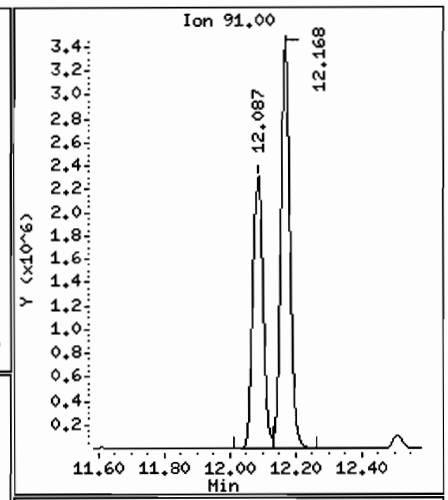
Concentration: 50000 ppbv

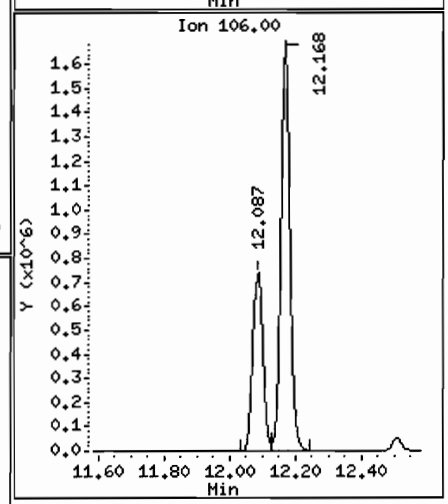












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Date : 07-APR-2009 22:03

Client ID: 25VP-37V11.5

Instrument: F.i

Sample Info: 20090325VP-37V11.5 :[ ]03/25/09 @1505(AIR)

Purge Volume: 25.0

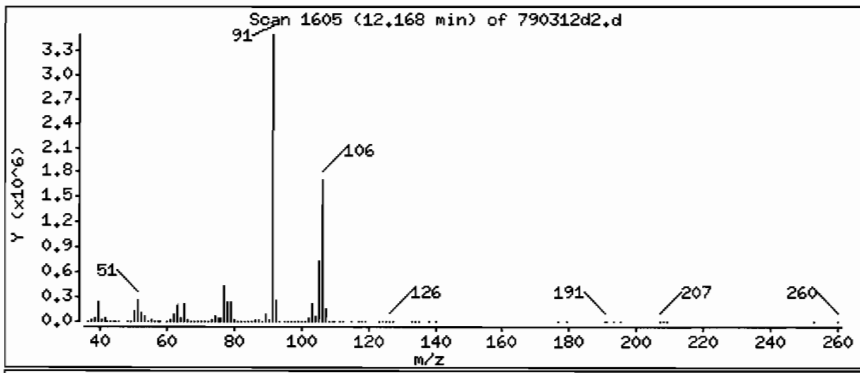
Operator: pad

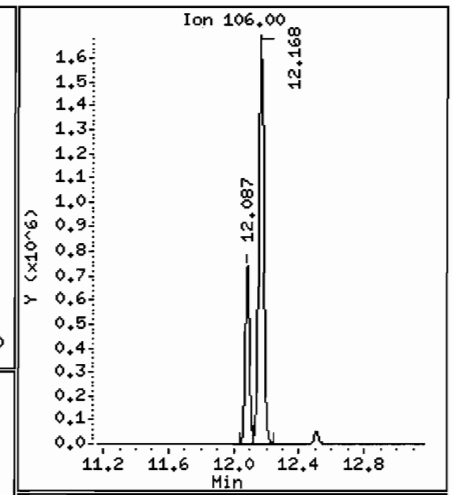
Column phase: RTX-624

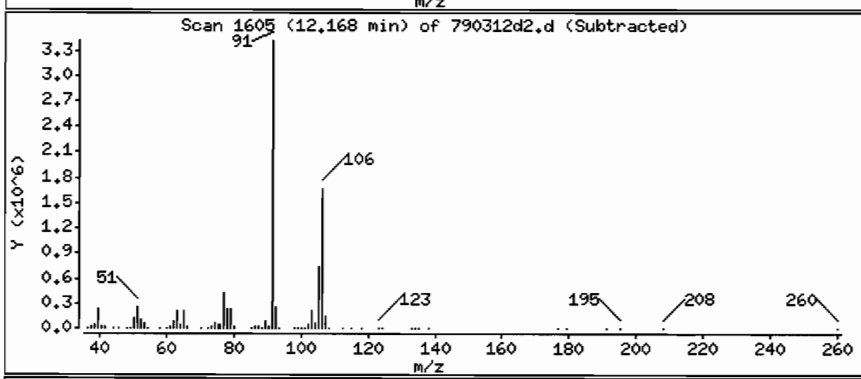
Column diameter: 0.32

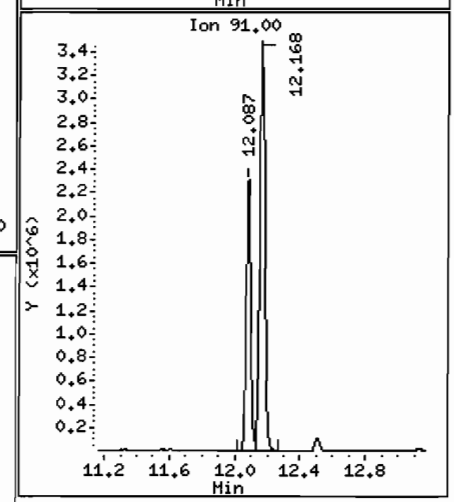
64 Xylene (m,p)

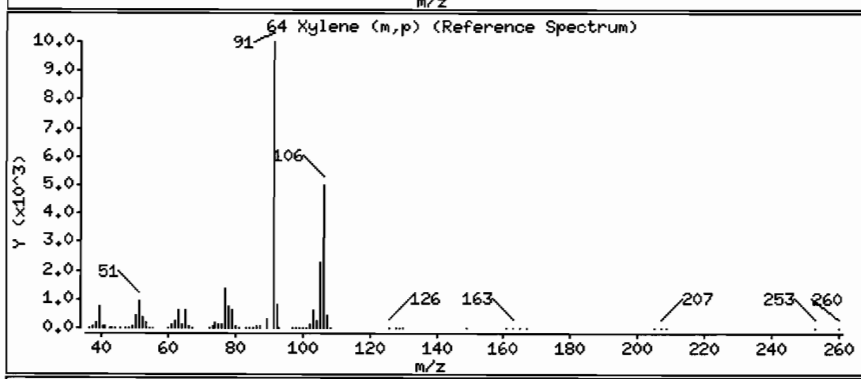
Concentration: 89000 ppbv

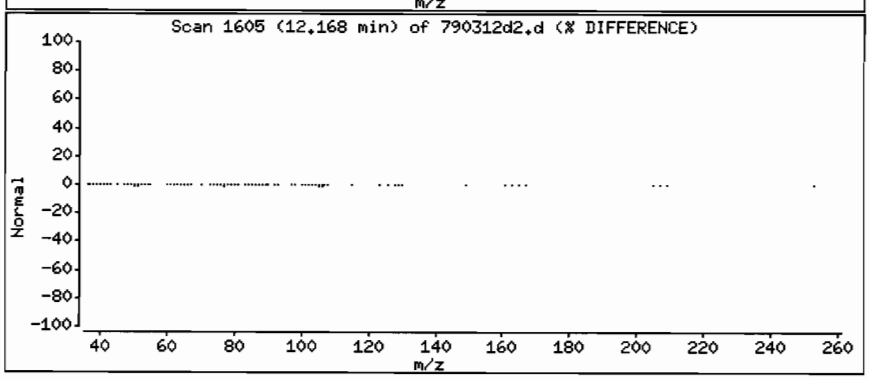












Data File: /chem/F.i/Fsvr.p/fcvjto15.b/790312d2.d

Date : 07-APR-2009 22:03

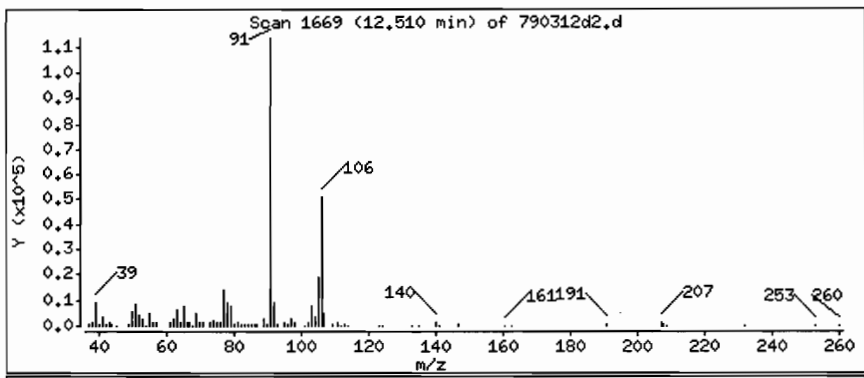
Client ID: 25VP-37V11.5 Instrument: F.i

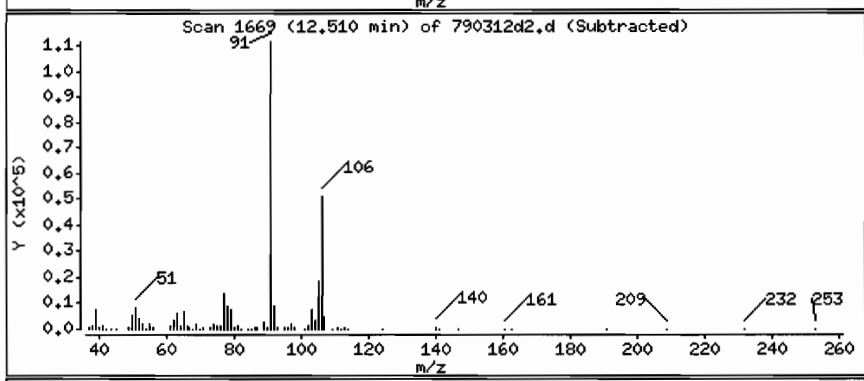
Sample Info: 20090325VP-37V11.5 :[ ]03/25/09 @1505(AIR)

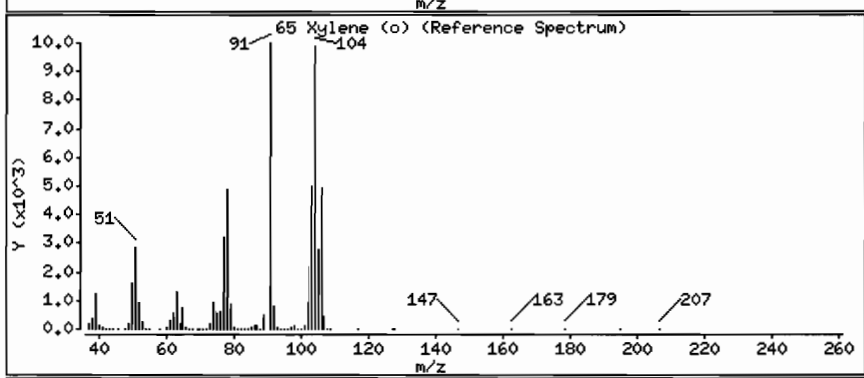
Purge Volume: 25.0 Operator: pad

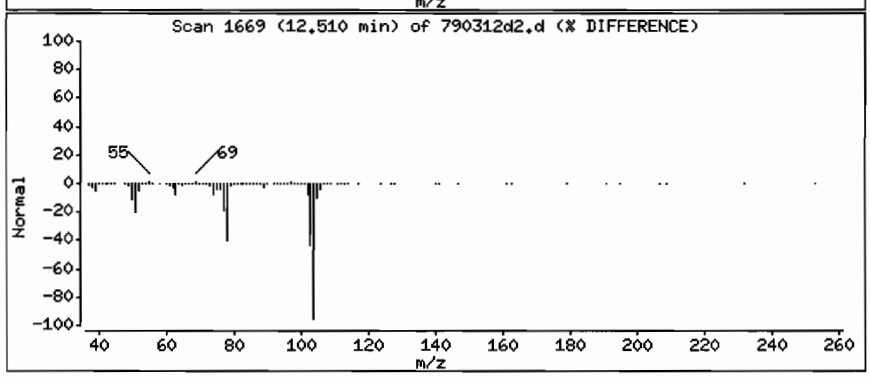
Column phase: RTX-624 Column diameter: 0.32

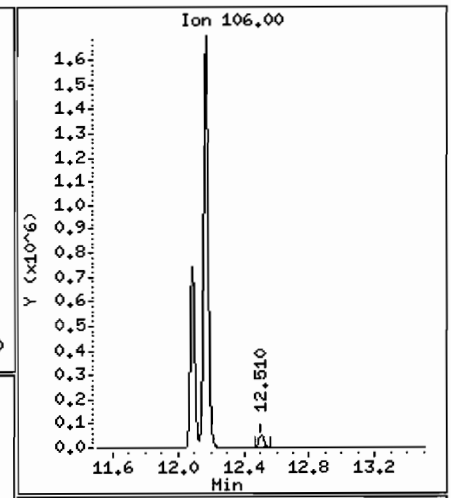
65 Xylene (o) Concentration: 2900 ppbv

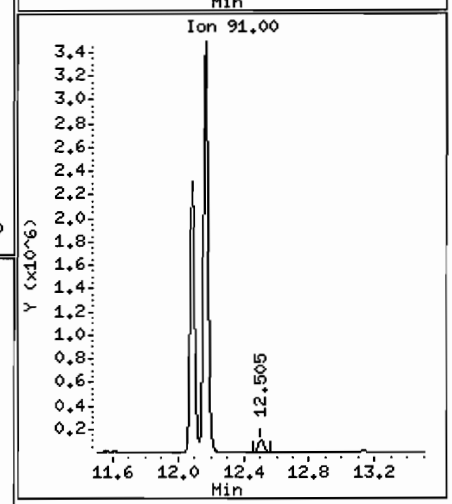










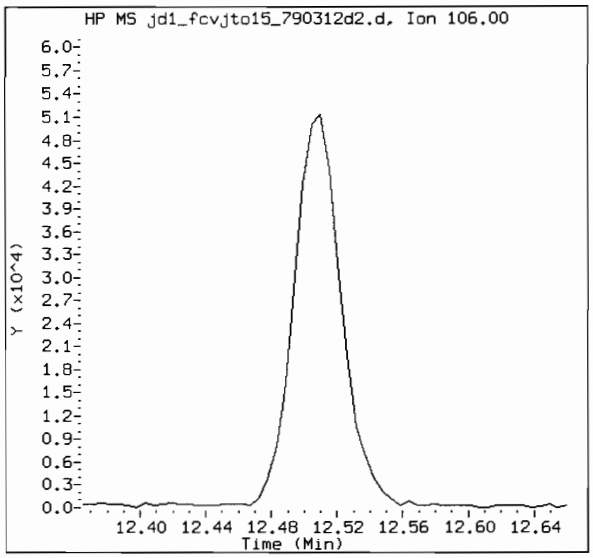


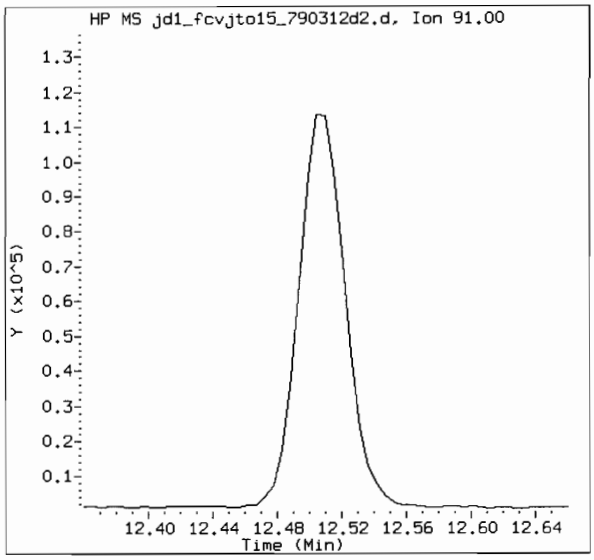
MANUAL INTEGRATION REPORT

Data File Name: 790312d2.d
Client Sample ID: 25VP-37V11.5
Compound Name: Xylene (o)

Inj. Date and Time: 07-APR-2009 22:03
Instrument ID: F.i
CAS #: 95-47-6

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2009 20:40





Original Integrations:

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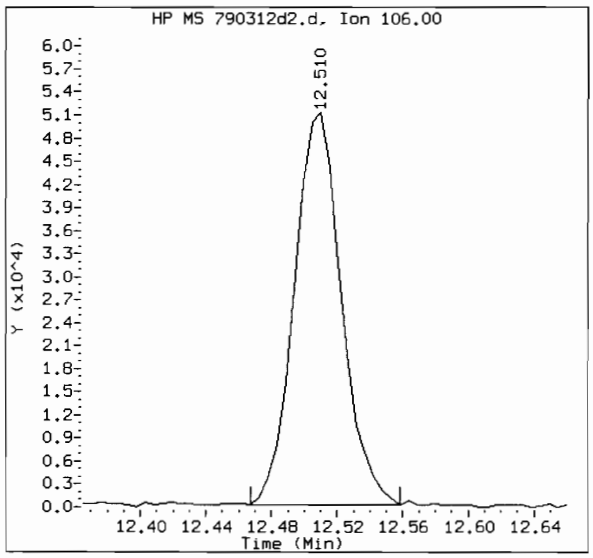
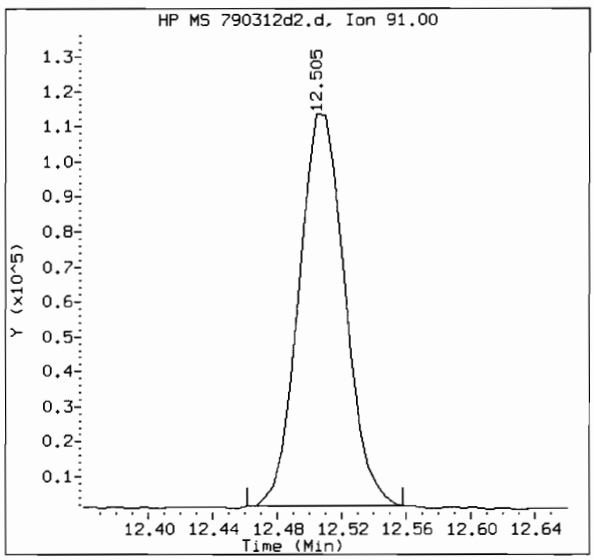




Final Integrations:

Area = 101778

Area = 222657

Manual Integration Reason: MI2 - Peak missed

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-38V11.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790305

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 790305D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2340.0

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	470	U
74-83-9	Bromomethane	470	U
75-00-3	Chloroethane	1200	U
75-35-4	1,1-Dichloroethene	470	U
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	470	U
75-34-3	1,1-Dichloroethane	470	U
78-93-3	Methyl Ethyl Ketone	1200	U
156-59-2	cis-1,2-Dichloroethene	470	U
67-66-3	Chloroform	470	U
71-55-6	1,1,1-Trichloroethane	470	U
56-23-5	Carbon Tetrachloride	470	U
71-43-2	Benzene	500	
107-06-2	1,2-Dichloroethane	470	U
79-01-6	Trichloroethene	470	U
78-87-5	1,2-Dichloropropane	470	U
75-27-4	Bromodichloromethane	470	U
10061-01-5	cis-1,3-Dichloropropene	470	U
108-10-1	Methyl Isobutyl Ketone	1200	U
108-88-3	Toluene	470	U
10061-02-6	trans-1,3-Dichloropropene	470	U
79-00-5	1,1,2-Trichloroethane	470	U
127-18-4	Tetrachloroethene	470	U
591-78-6	Methyl Butyl Ketone	1200	U
124-48-1	Dibromochloromethane	470	U
108-90-7	Chlorobenzene	470	U
100-41-4	Ethylbenzene	910	
1330-20-7	Xylene (m,p)	1800	
95-47-6	Xylene (o)	470	U
100-42-5	Styrene	470	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-38V11.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790305

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 790305D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2340.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	470	U
79-34-5	1,1,2,2-Tetrachloroethane	470	U

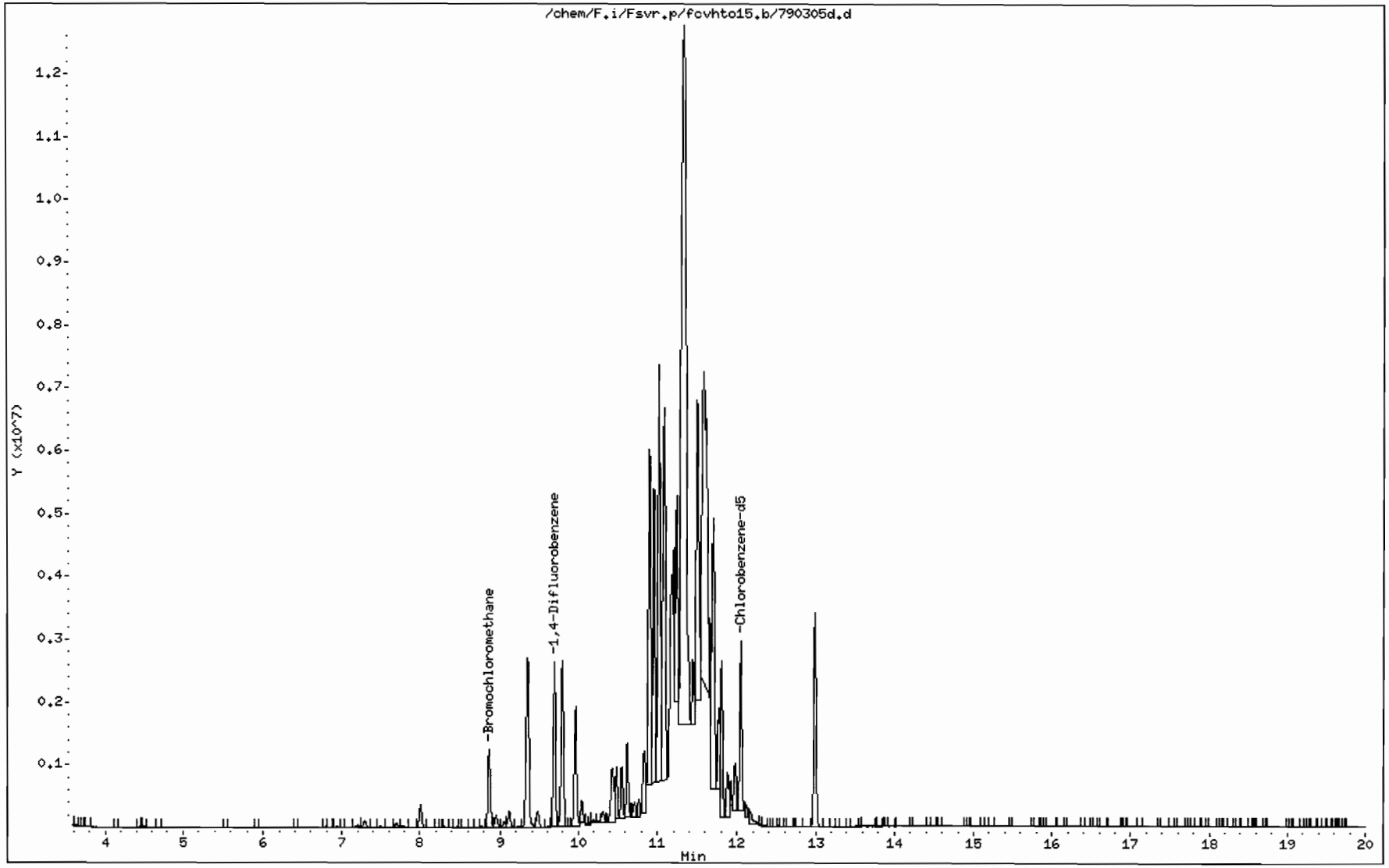
FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790305d.d
Date : 03-APR-2009 12:57
Client ID: 25VP-38V11.5
Sample Info: 20090325VP-38V11.5 :[ ]03/25/09 @1033(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 3

Instrument: F.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/790305d.d
Lab Smp Id: 790305 Client Smp ID: 25VP-38V11.5
Inj Date : 03-APR-2009 12:57
Operator : pad Inst ID: F.i
Smp Info : 20090325VP-38V11.5 :[ ]03/25/09 @1033(AIR)
Misc Info : 790305;040209FA;2340;20;cdf234
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 17
Dil Factor: 2340.00000
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	2340.00000	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	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	8.867	8.861	(1.000)	457797	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	9.391	9.386	(0.970)	23971	0.21374	500
41 1,2-Dichloroethane	62	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2392664	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	12.045	12.039	(1.000)	2065606	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.087	12.082	(1.004)	79718	0.38853	910
64 Xylene (m,p)	106	12.173	12.168	(1.011)	64199	0.77553	1800
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/F.i/Fsvr.p/fcvhto15.b/790305d.d

Date : 03-APR-2009 12:57

Client ID: 25VP-38V11.5

Instrument: F.i

Sample Info: 20090325VP-38V11.5 :[ ]03/25/09 @1033(AIR)

Purge Volume: 20.0

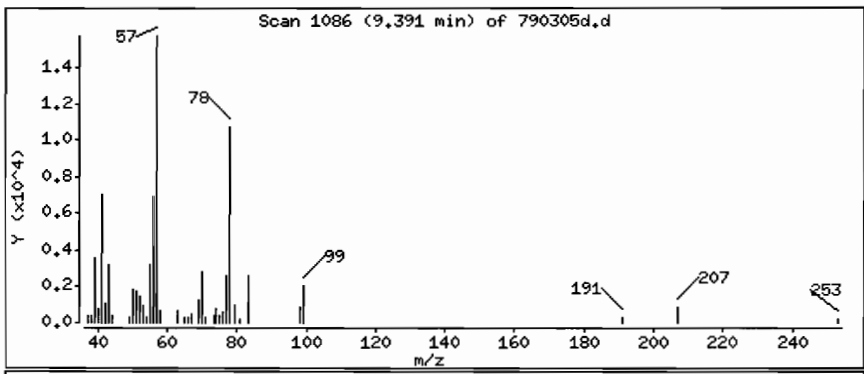
Operator: pad

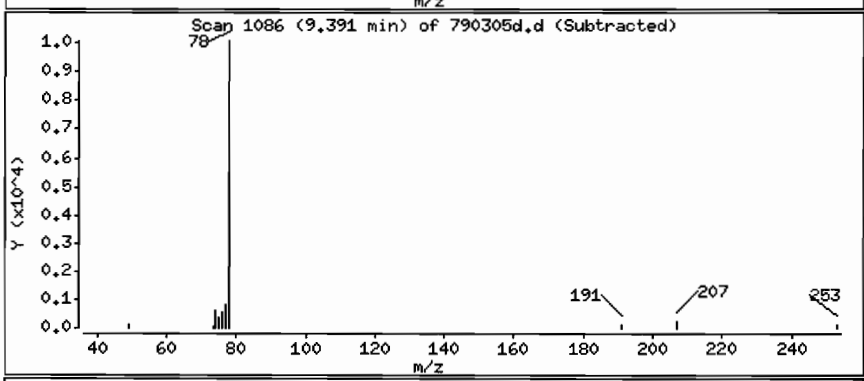
Column phase: RTX-624

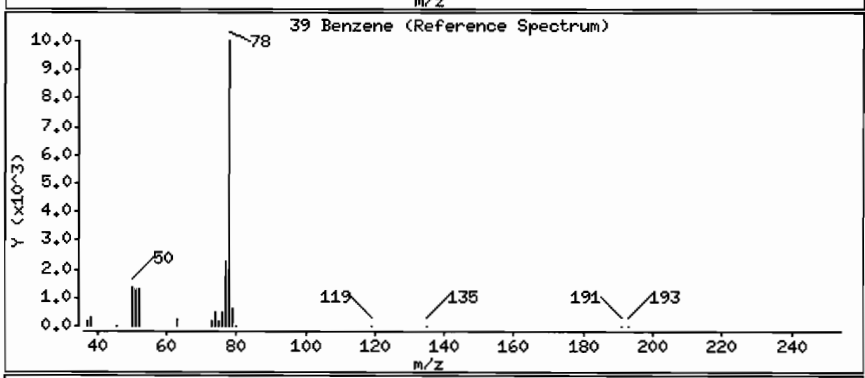
Column diameter: 0.32

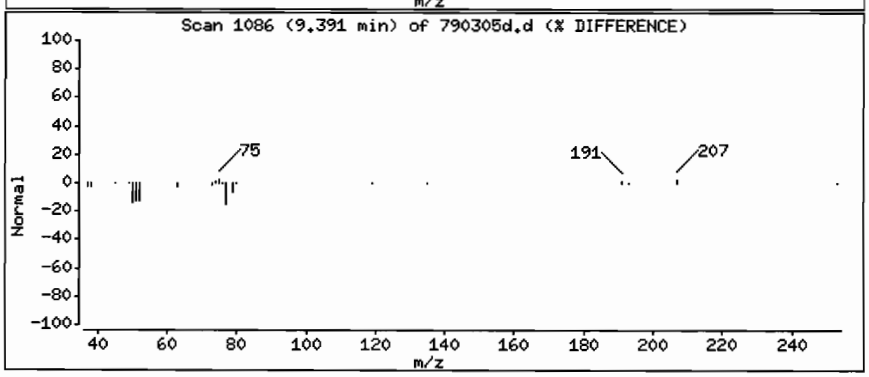
39 Benzene

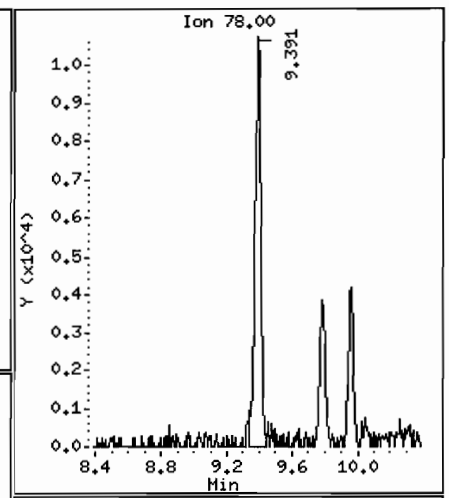
Concentration: 500 ppbv

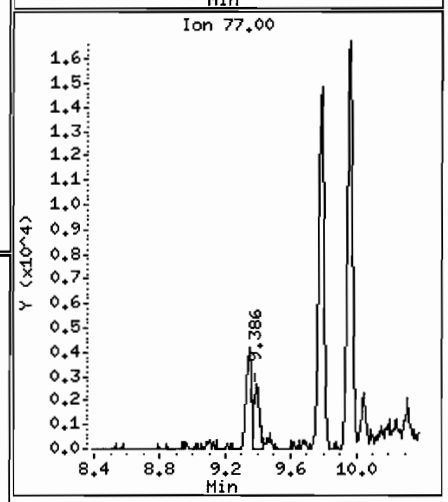












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790305d.d

Date : 03-APR-2009 12:57

Client ID: 25VP-38V11.5

Instrument: F.i

Sample Info: 20090325VP-38V11.5 :[ ]03/25/09 @1033(AIR)

Purge Volume: 20.0

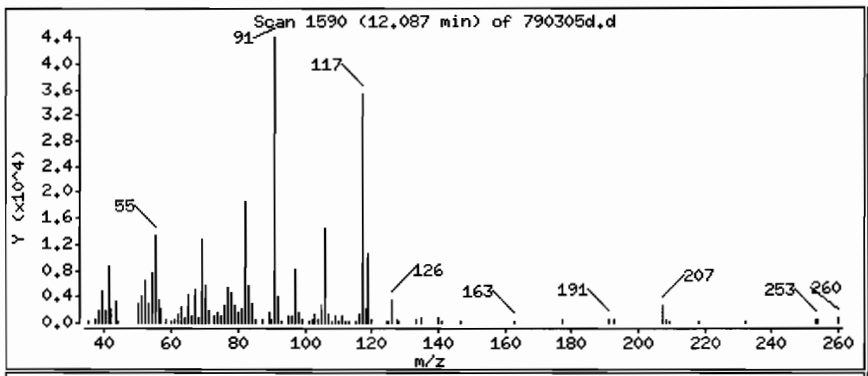
Operator: pad

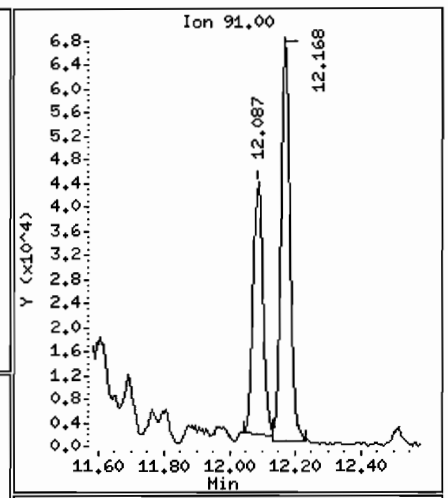
Column phase: RTX-624

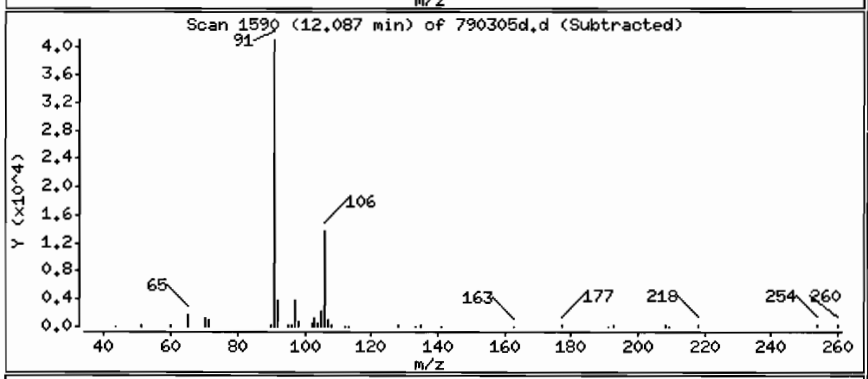
Column diameter: 0.32

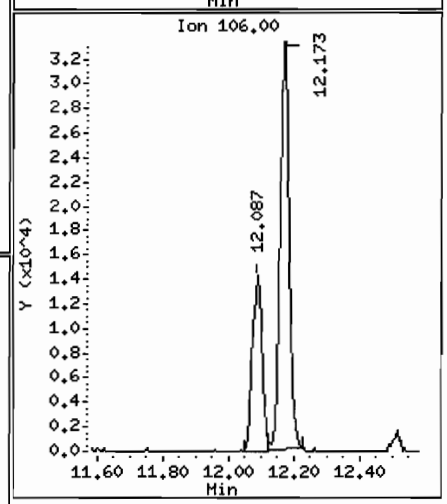
63 Ethylbenzene

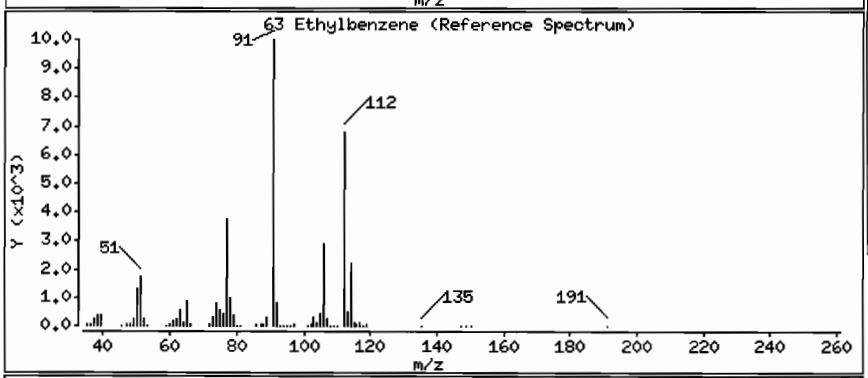
Concentration: 910 ppbv

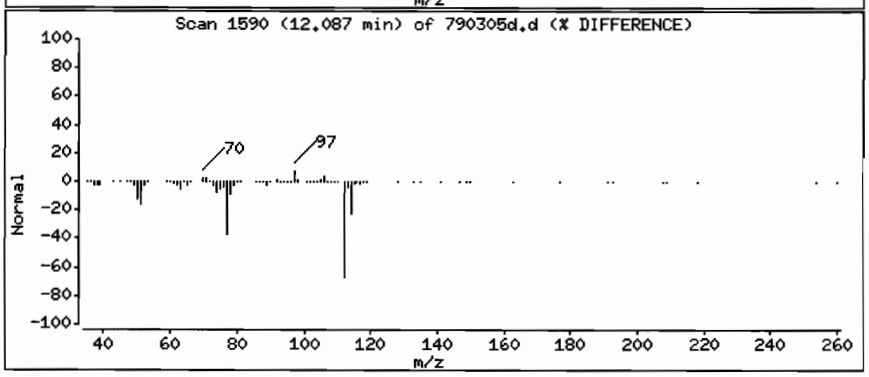












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790305d.d

Date : 03-APR-2009 12:57

Client ID: 25VP-38V11.5

Instrument: F.i

Sample Info: 20090325VP-38V11.5 :[ ]03/25/09 @1033(AIR)

Purge Volume: 20.0

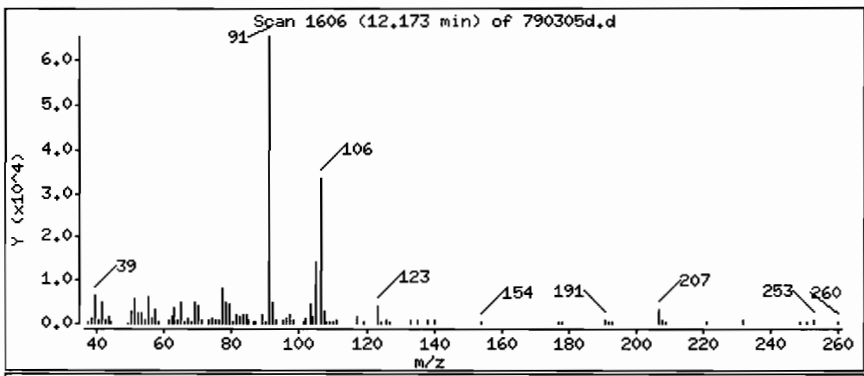
Operator: pad

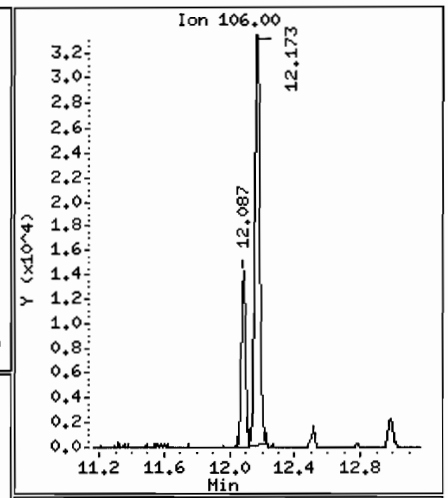
Column phase: RTX-624

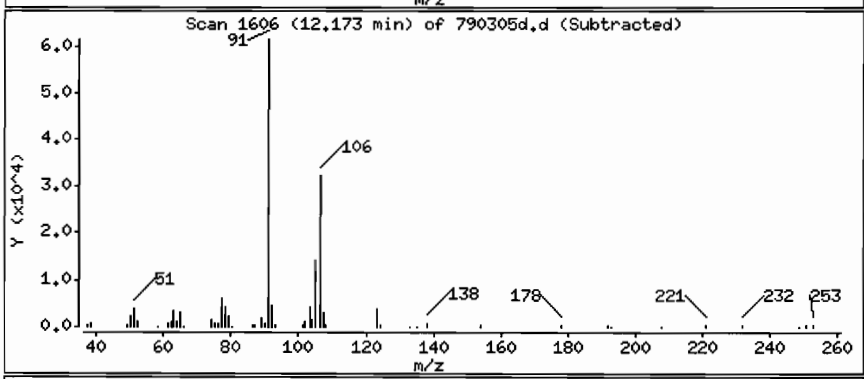
Column diameter: 0.32

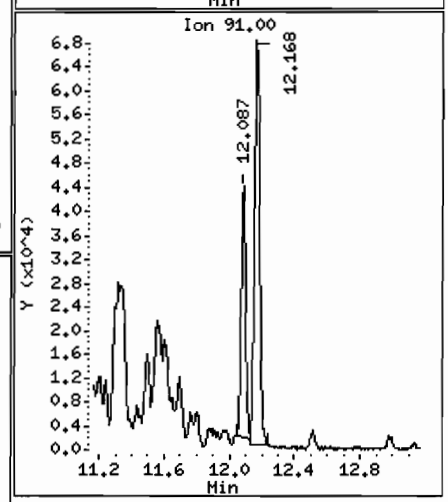
64 Xylene (m,p)

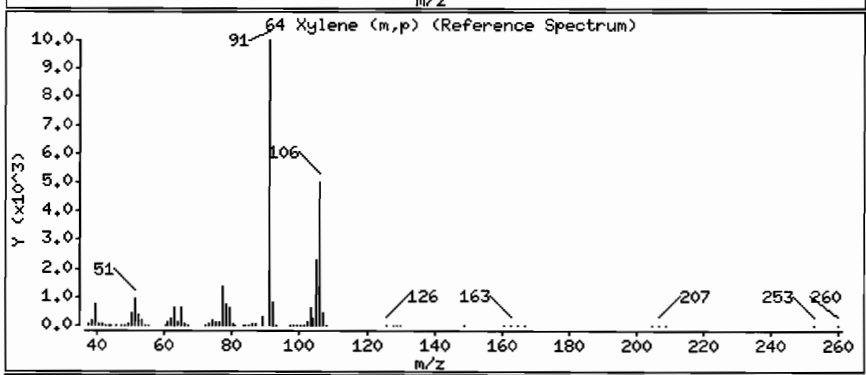
Concentration: 1800 ppbv

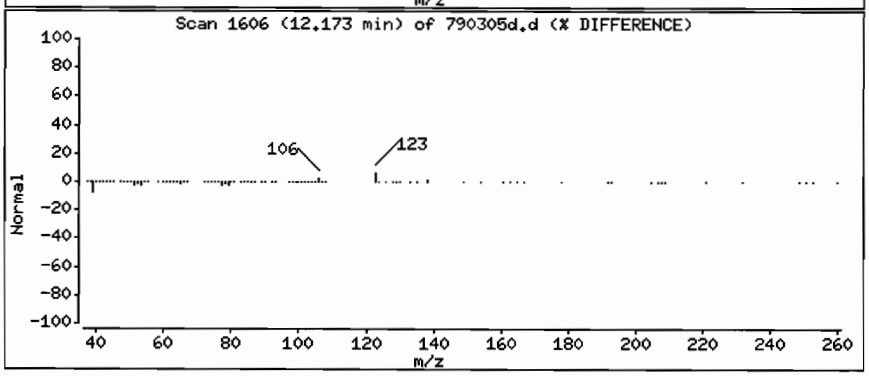












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-39V9.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790304

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 790304D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 20.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	28	
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	10	U
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	4.0	U
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	36	
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	23	
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	24	
1330-20-7	Xylene (m,p)	59	
95-47-6	Xylene (o)	8.6	
100-42-5	Styrene	4.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-39V9.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790304

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 790304D

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/03/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 20.0

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

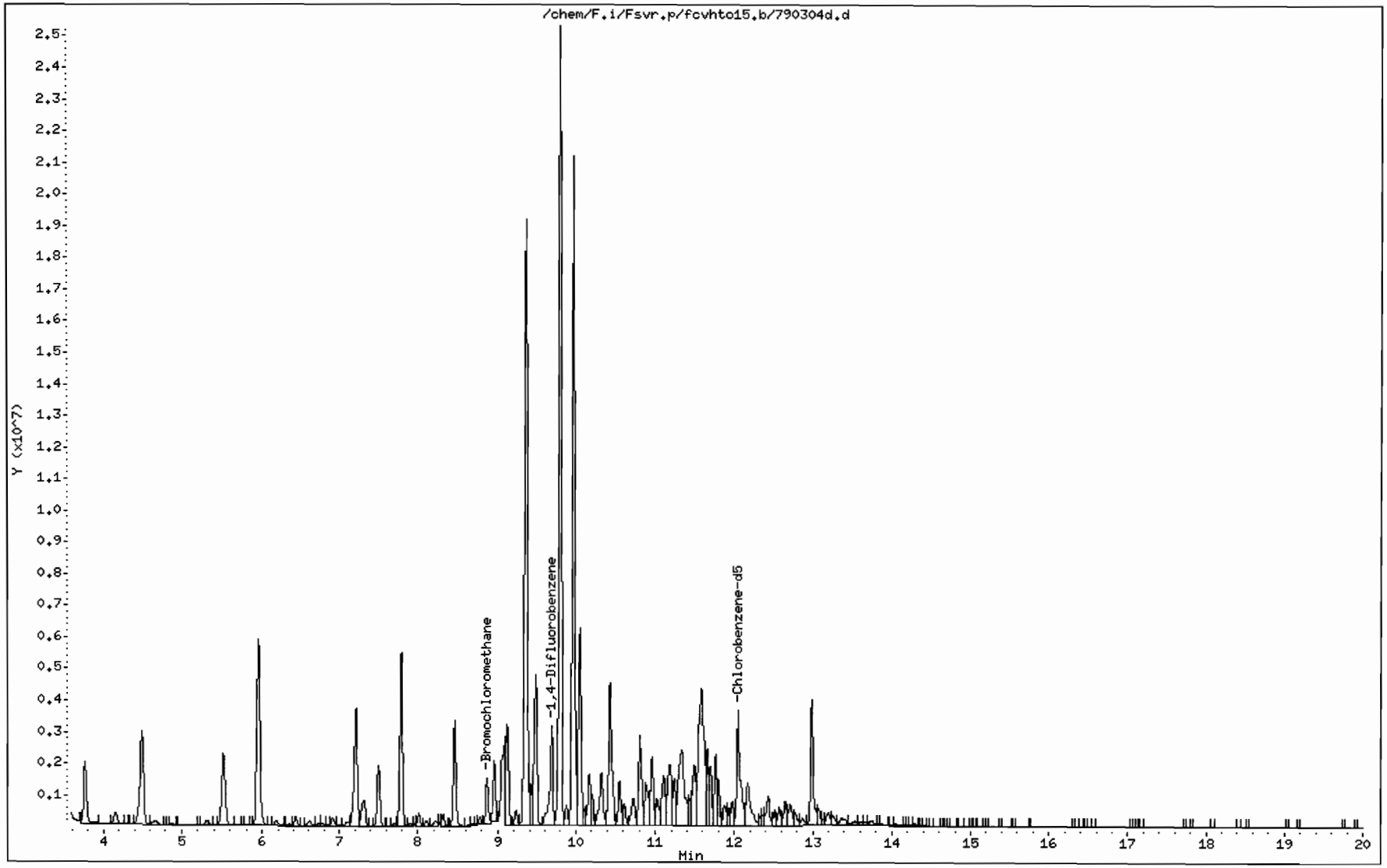
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	4.0	U
79-34-5	1,1,2,2-Tetrachloroethane	4.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790304d.d
Date : 03-APR-2009 00:48
Client ID: 25VP-39V9.5
Sample Info: 20090325VP-39V9.5 :[ ]03/25/09 @1002(AIR)
Purge Volume: 10.0
Column phase: RTX-624

Page 3

Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/790304d.d
Lab Smp Id: 790304 Client Smp ID: 25VP-39V9.5
Inj Date : 03-APR-2009 00:48
Operator : pad Inst ID: F.i
Smp Info : 20090325VP-39V9.5 :[ ]03/25/09 @1002(AIR)
Misc Info : 790304;040209FA;20;10
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 4
Dil Factor: 20.00000
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	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	10.00000	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	4.523	4.518	(0.510)	49916	1.41905	28	
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	8.867	8.861	(1.000)	505123	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	9.391	9.386	(0.970)	223079	1.81755	36
	41 1,2-Dichloroethane	62	Compound Not Detected.					
*	43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2618491	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	10.932	10.926	(0.908)	115364	1.15707	23
	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	12.045	12.039	(1.000)	2280546	10.0000	
	62 Chlorobenzene	112	Compound Not Detected.					
	63 Ethylbenzene	91	12.087	12.082	(1.004)	270291	1.19320	24
	64 Xylene (m,p)	106	12.173	12.168	(1.011)	270660	2.96143	59
	65 Xylene (o)	106	12.510	12.505	(1.039)	37223	0.42771	8.6
	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/F.i/Fsvr.p/fcvhto15.b/790304d.d

Date : 03-APR-2009 00:48

Client ID: 25VP-39V9.5

Instrument: F.i

Sample Info: 20090325VP-39V9.5 :[ ]03/25/09 @1002(AIR)

Purge Volume: 10.0

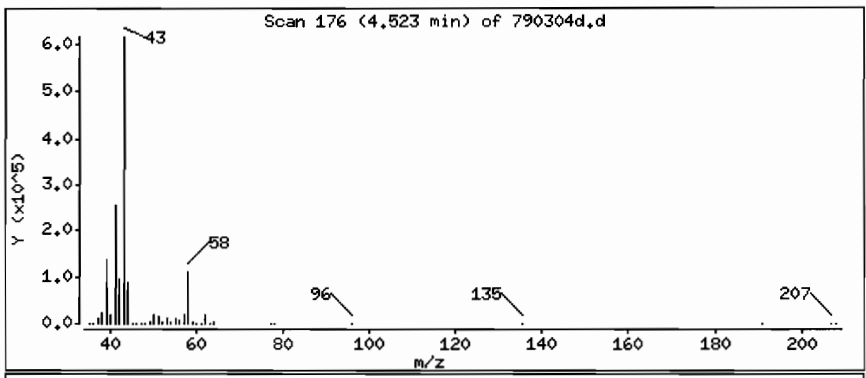
Operator: pad

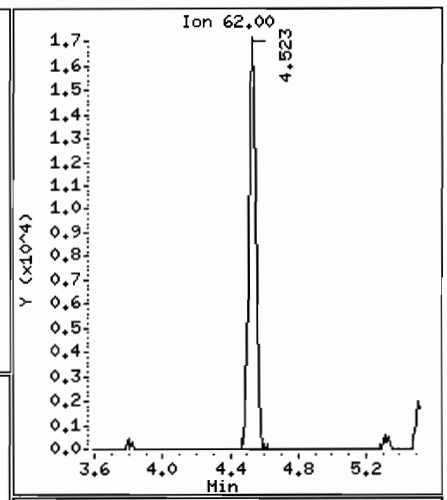
Column phase: RTX-624

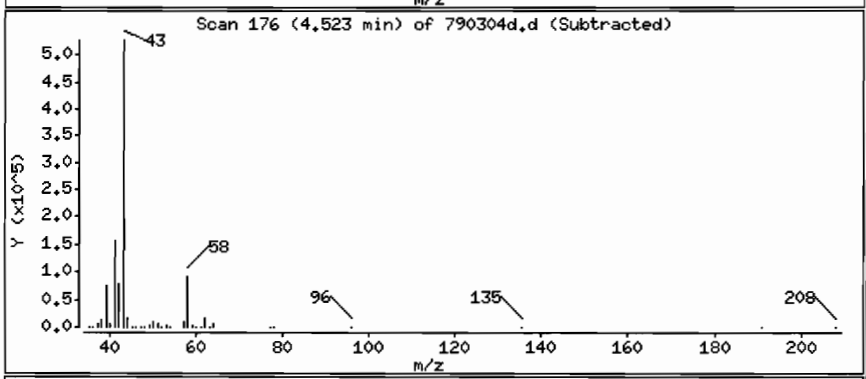
Column diameter: 0.32

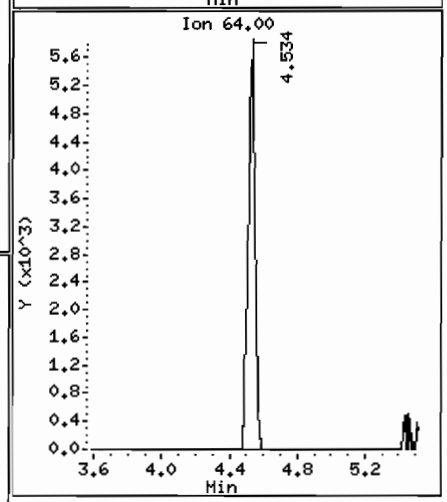
6 Vinyl Chloride

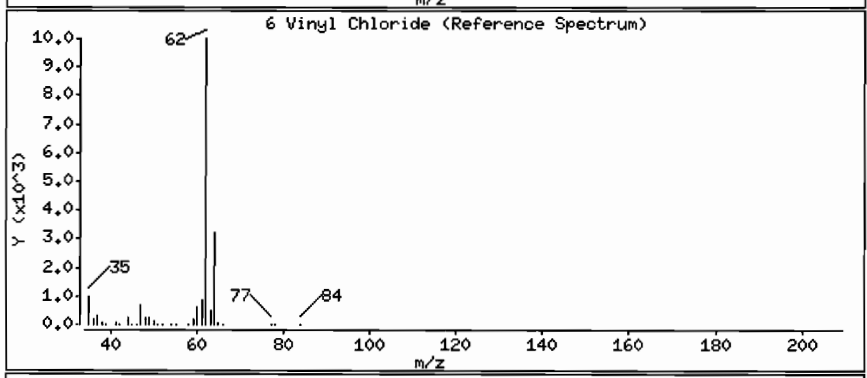
Concentration: 28 ppbv

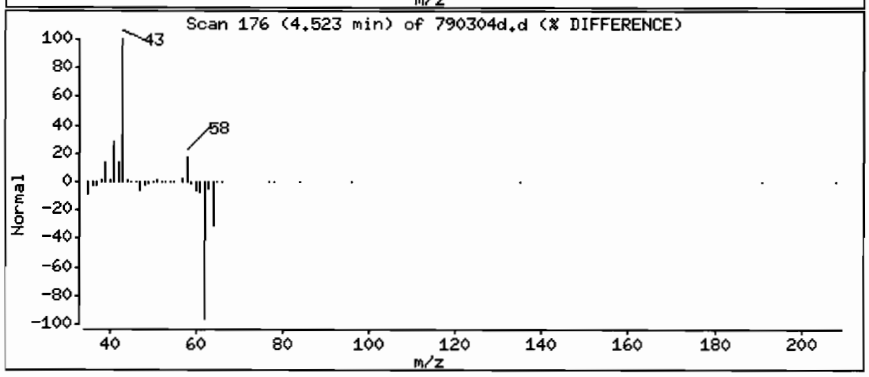












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790304d.d

Date : 03-APR-2009 00:48

Client ID: 25VP-39V9.5

Instrument: F.i

Sample Info: 20090325VP-39V9.5 :[J03/25/09 @1002(AIR)

Purge Volume: 10.0

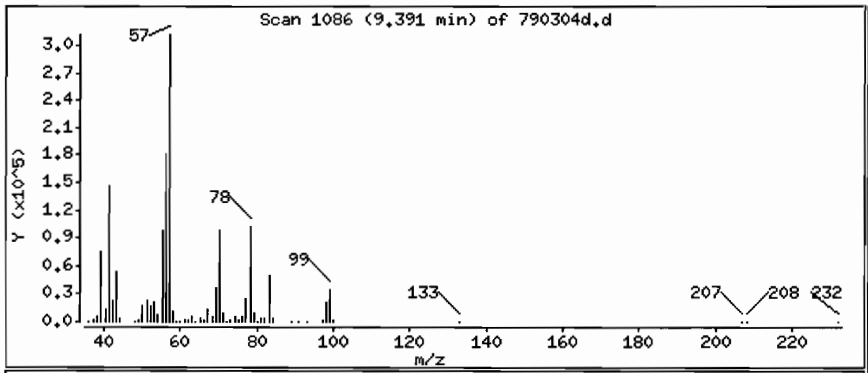
Operator: pad

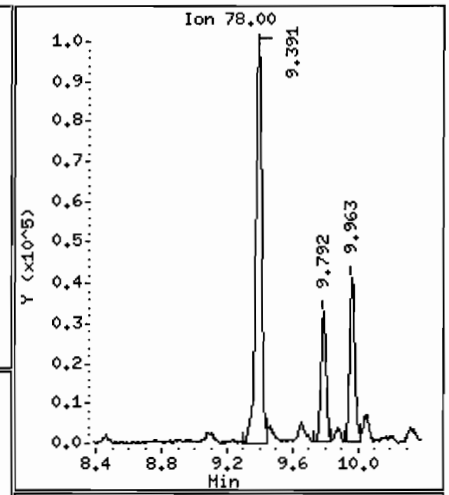
Column phase: RTX-624

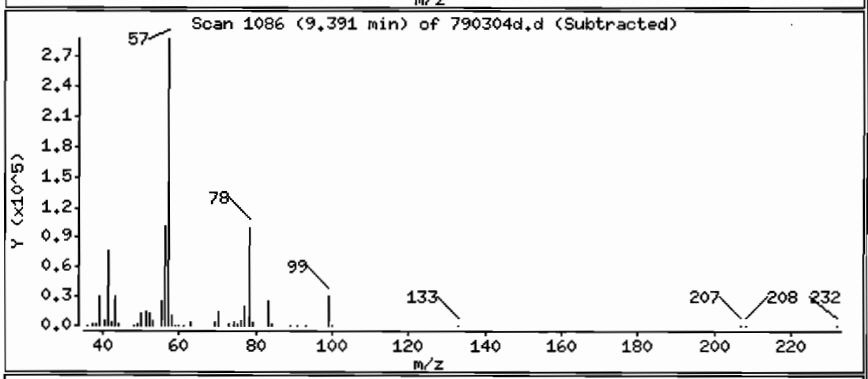
Column diameter: 0.32

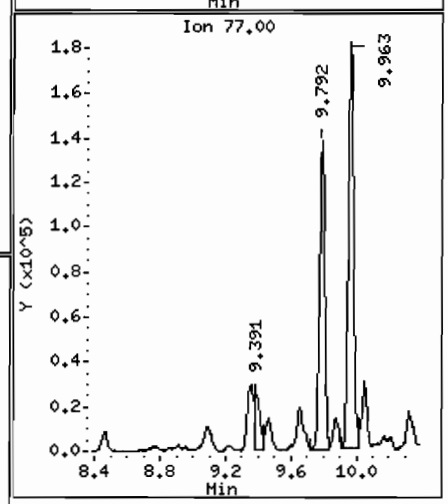
39 Benzene

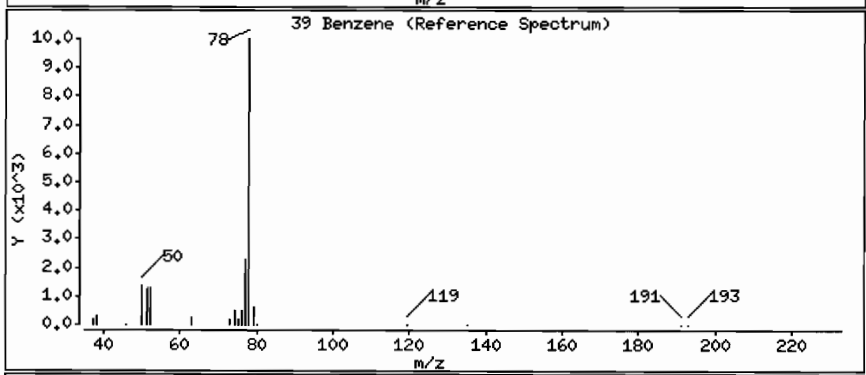
Concentration: 36 ppbv

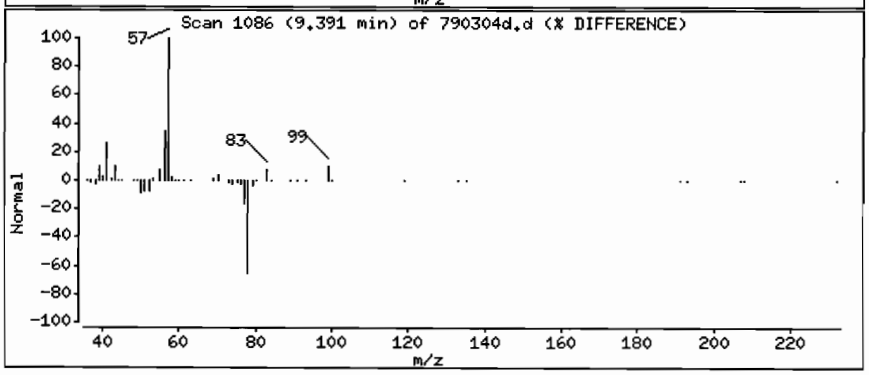












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790304d.d

Date : 03-APR-2009 00:48

Client ID: 25VP-39V9.5

Instrument: F.i

Sample Info: 20090325VP-39V9.5 :[ ]03/25/09 @1002(AIR)

Purge Volume: 10.0

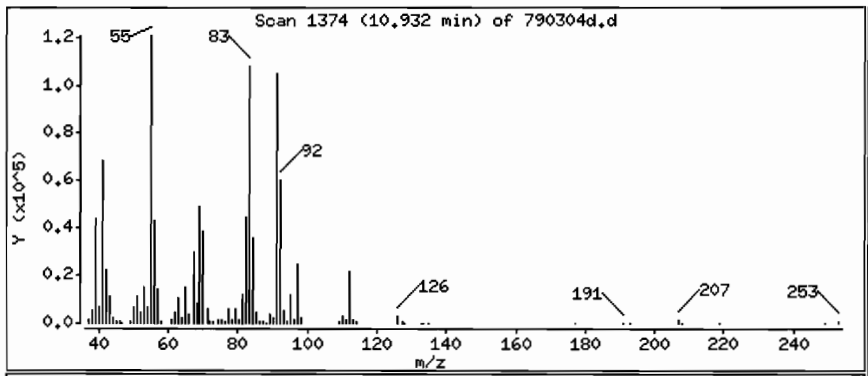
Operator: pad

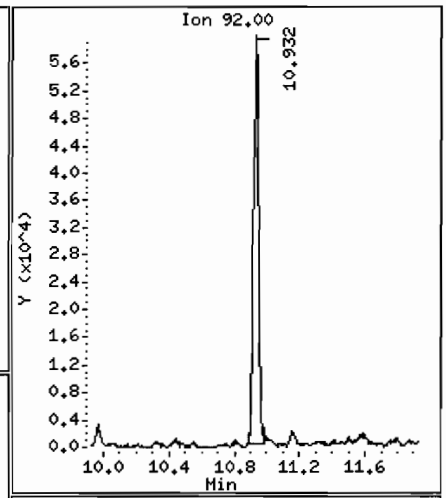
Column phase: RTX-624

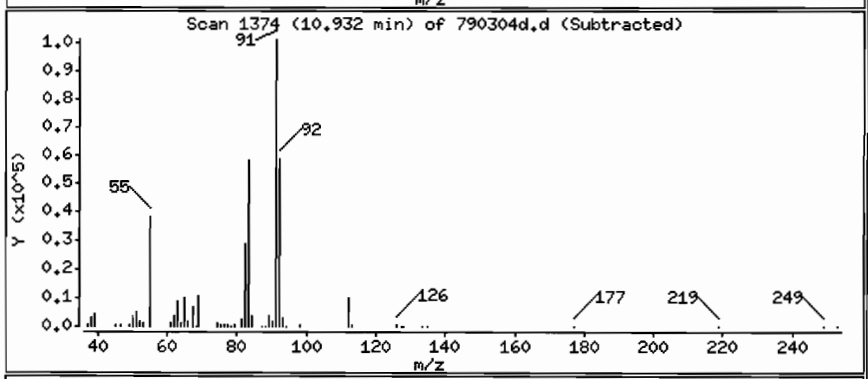
Column diameter: 0.32

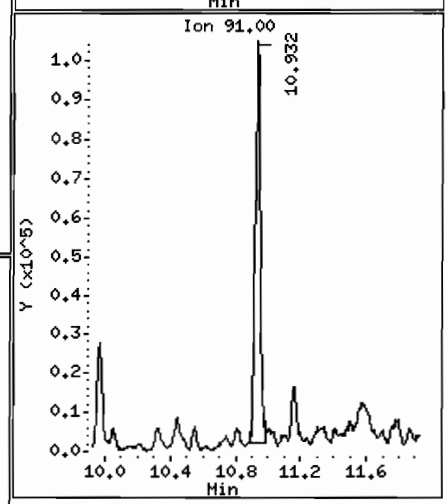
54 Toluene

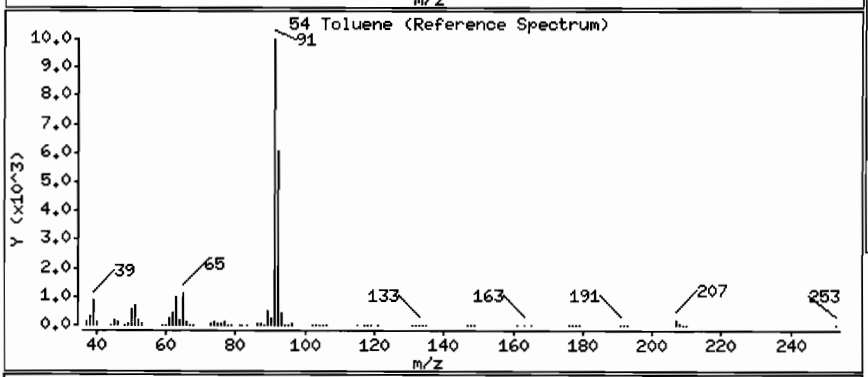
Concentration: 23 ppbv

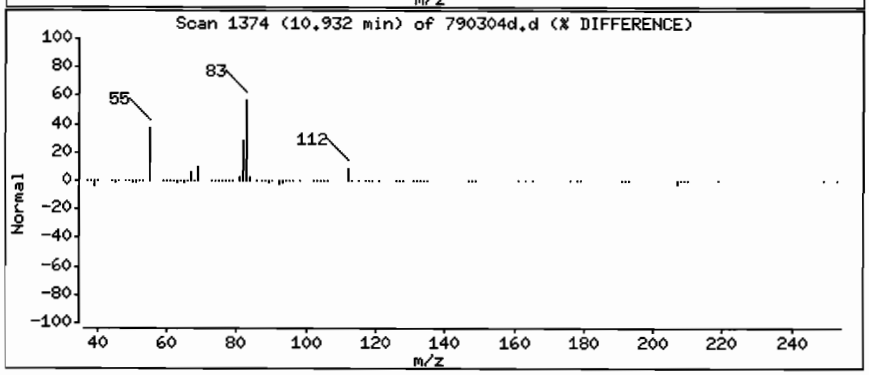












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790304d.d

Date : 03-APR-2009 00:48

Client ID: 25VP-39V9.5

Instrument: F.i

Sample Info: 20090325VP-39V9.5 :[ ]03/25/09 @1002(AIR)

Purge Volume: 10.0

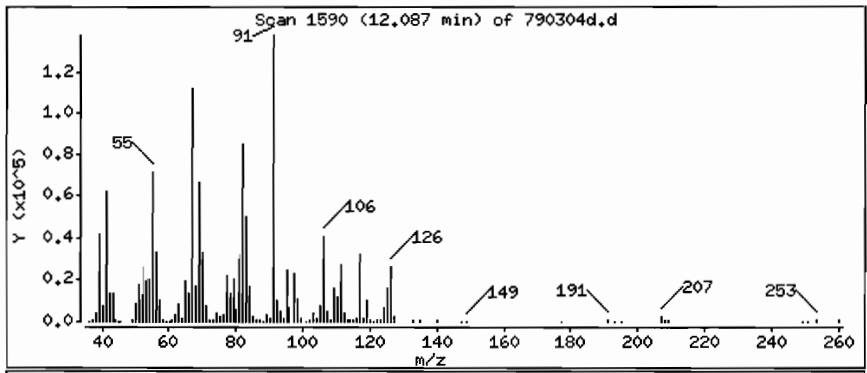
Operator: pad

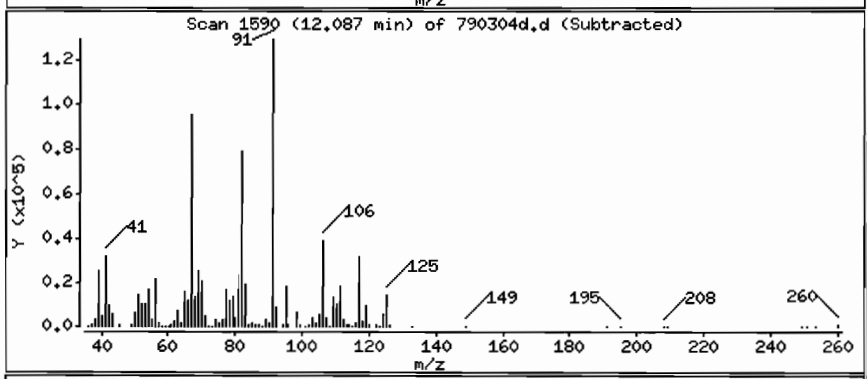
Column phase: RTX-624

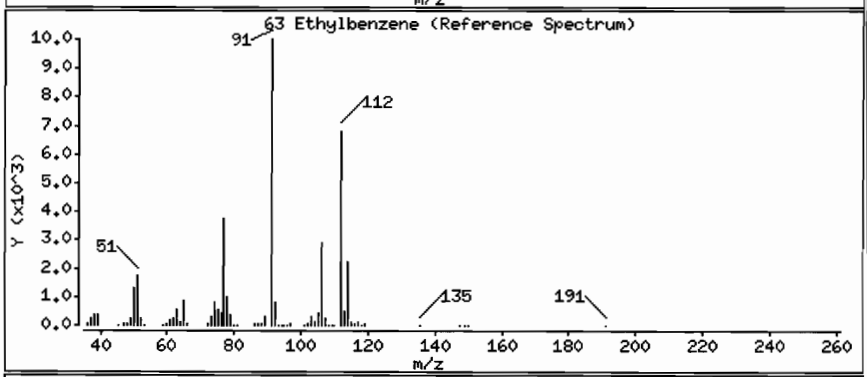
Column diameter: 0.32

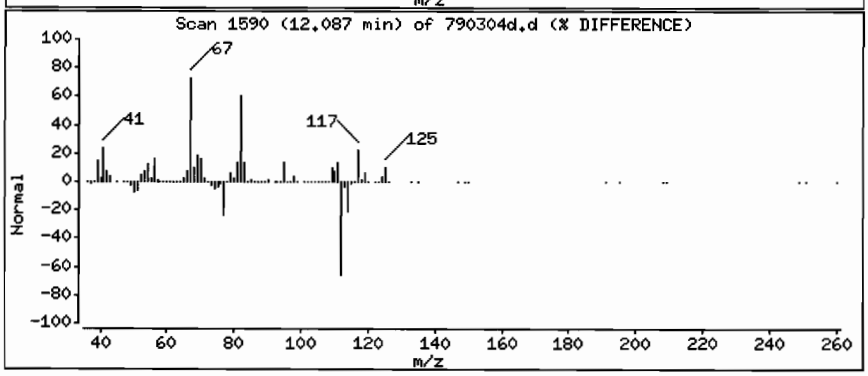
63 Ethylbenzene

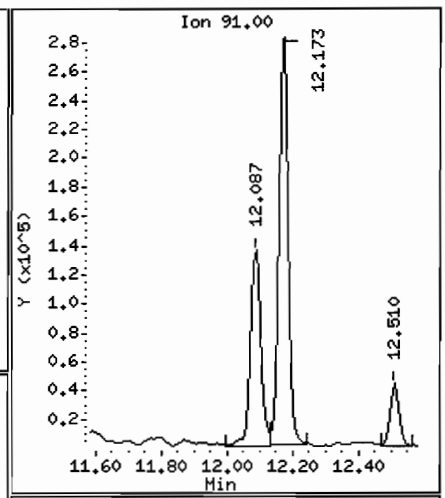
Concentration: 24 ppbv

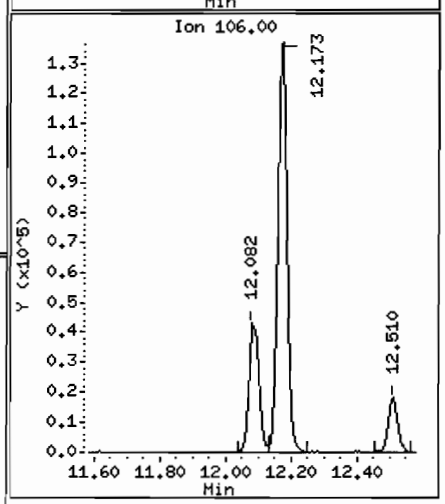












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790304d.d

Date : 03-APR-2009 00:48

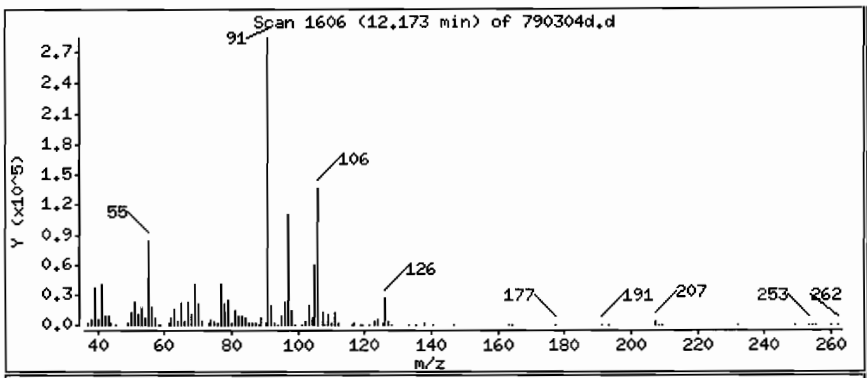
Client ID: 25VP-39V9.5 Instrument: F.i

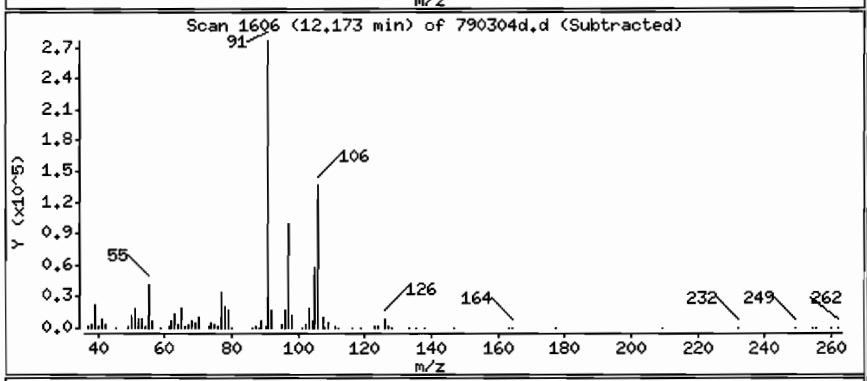
Sample Info: 20090325VP-39V9.5 :[ ]03/25/09 @1002(AIR)

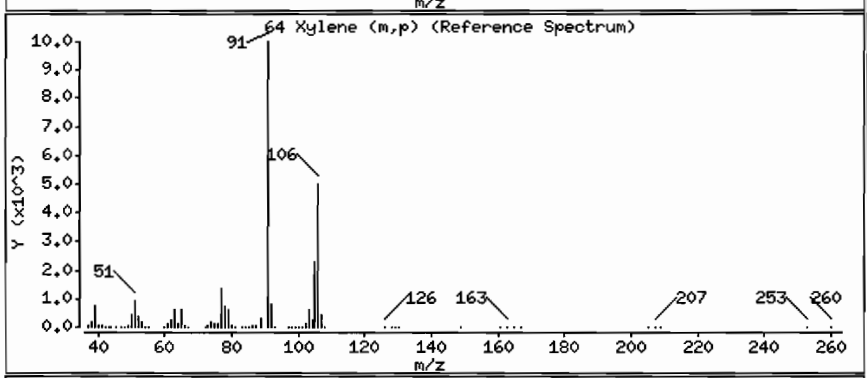
Purge Volume: 10.0 Operator: pad

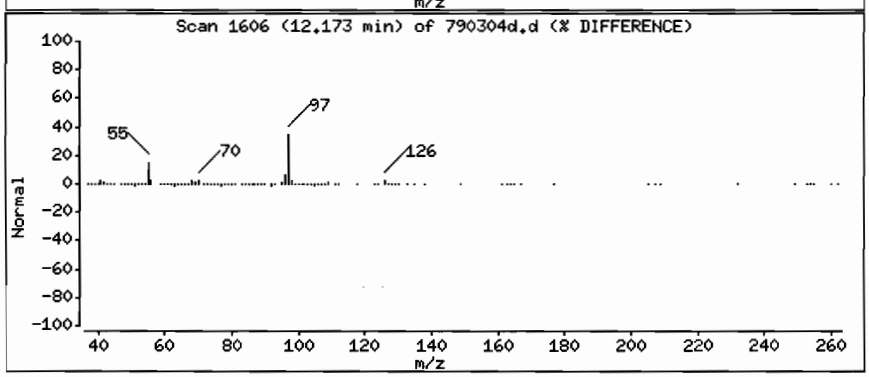
Column phase: RTX-624 Column diameter: 0.32

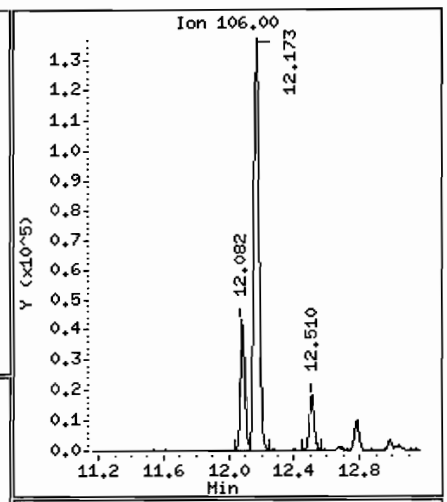
64 Xylene (m,p) Concentration: 59 ppbv

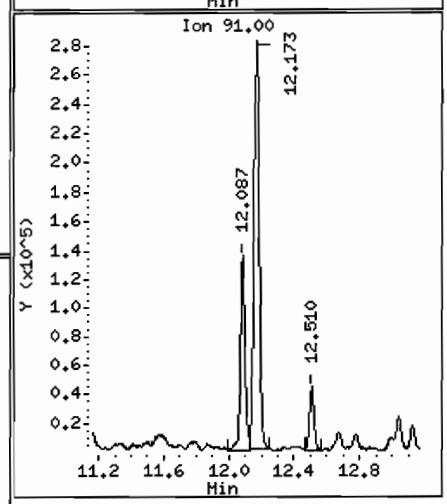












Data File: /chem/F.i/Fsvr.p/fcvhto15.b/790304d.d

Date : 03-APR-2009 00:48

Client ID: 25VP-39V9.5

Instrument: F.i

Sample Info: 20090325VP-39V9.5 :[ ]03/25/09 @1002(AIR)

Purge Volume: 10.0

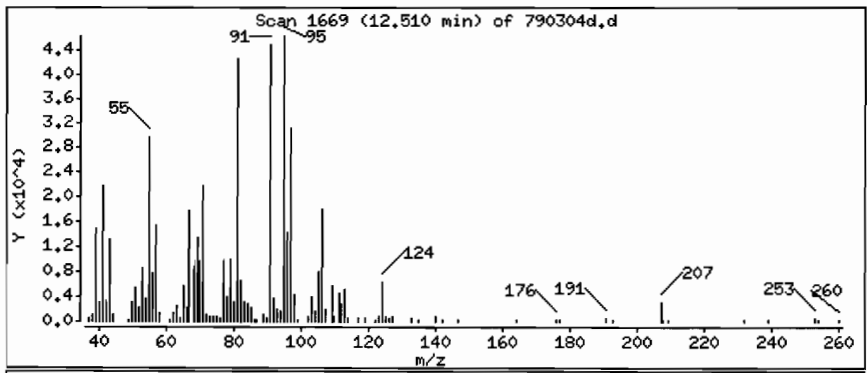
Operator: pad

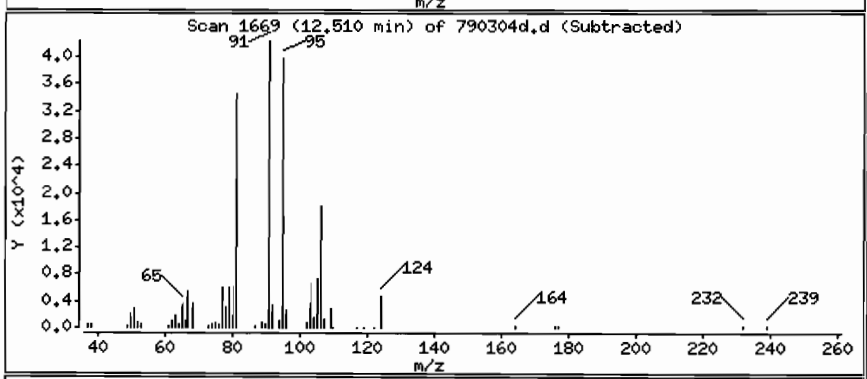
Column phase: RTX-624

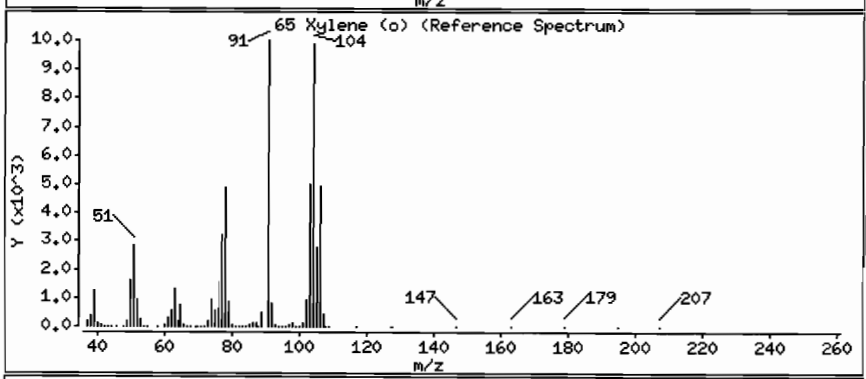
Column diameter: 0.32

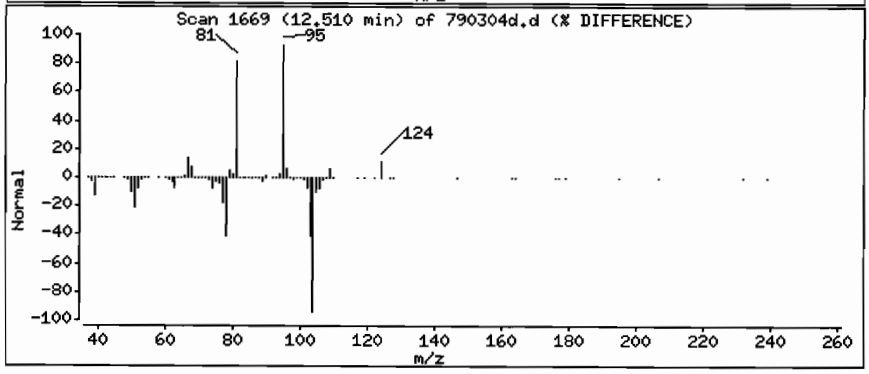
65 Xylene (o)

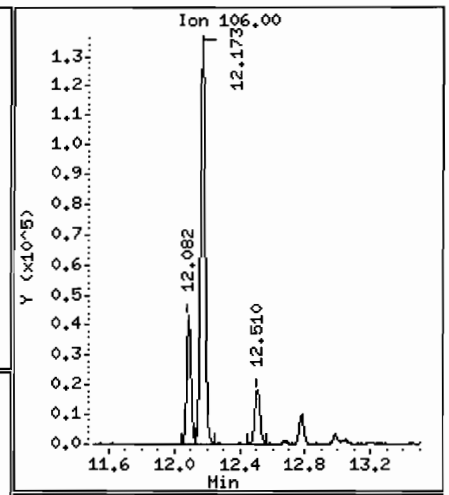
Concentration: 8.6 ppbv

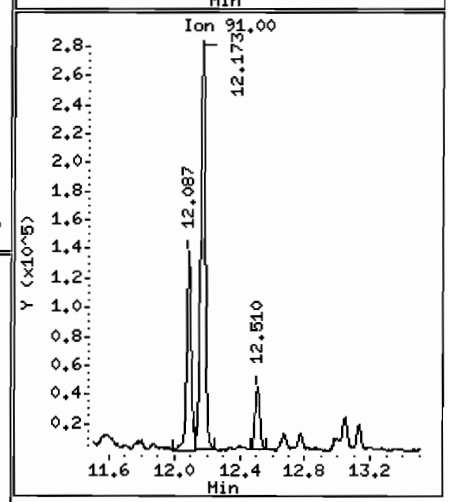












Standards – TO-15 Volatile

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Instrument ID: F Calibration Date(s): 03/25/09 03/25/09

Heated Purge: (Y/N) N Calibration Time(s): 1302 1800

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=FCV002V RRF0.5=FCV005V
RRF2 = RRF5 =FCV05V RRF10 =FCV10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD
Chloromethane		0.513		0.500	0.461		
Vinyl Chloride	0.704	0.713		0.714	0.662		
Bromomethane	0.749	0.760		0.799	0.737		
Chloroethane		0.372		0.398	0.372		
1,1-Dichloroethene	0.777	0.742		0.749	0.696		
Acetone				1.126	1.258		
Carbon Disulfide		1.923		2.038	1.930		
Methylene Chloride		0.750		0.664	0.633		
trans-1,2-Dichloroethene	1.108	1.087		1.152	1.096		
1,1-Dichloroethane *	1.280	1.319		1.404	1.302		*
Methyl Ethyl Ketone		0.362		0.375	0.361		
cis-1,2-Dichloroethene	0.927	0.832		0.892	0.835		
Chloroform	1.947	1.880		1.984	1.842		
1,1,1-Trichloroethane	0.441	0.445		0.473	0.435		
Carbon Tetrachloride	0.444	0.493		0.514	0.485		
Benzene	0.487	0.444		0.468	0.447		
1,2-Dichloroethane	0.263	0.268		0.286	0.266		
Trichloroethene	0.257	0.238		0.248	0.232		
1,2-Dichloropropane	0.127	0.137		0.147	0.137		
Bromodichloromethane	0.362	0.380		0.422	0.396		
cis-1,3-Dichloropropene	0.252	0.262		0.290	0.275		
Methyl Isobutyl Ketone		0.256		0.274	0.264		
Toluene	0.420	0.437		0.438	0.438		
trans-1,3-Dichloropropene	0.299	0.295		0.328	0.316		
1,1,2-Trichloroethane	0.180	0.164		0.184	0.183		
Tetrachloroethene	0.454	0.430		0.439	0.433		
Methyl Butyl Ketone		0.284		0.312	0.307		
Dibromochloromethane	0.370	0.382		0.488	0.484		
Chlorobenzene *	0.588	0.621		0.625	0.614		*
Ethylbenzene	1.028	0.899		1.004	0.983		
Xylene (m,p)	0.390	0.390		0.403	0.392		
Xylene (o)	0.376	0.368		0.380	0.374		
Styrene	0.481	0.476		0.579	0.576		
Bromoform	0.351	0.368		0.467	0.459		
1,1,2,2-Tetrachloroethane	0.438	0.452		0.464	0.442		

* 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.: 130896

Instrument ID: F Calibration Date(s): 03/25/09 03/25/09

Heated Purge: (Y/N) N Calibration Time(s): 1302 1800

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =FCV15V RRF20 =FCV20V
RRF40 =FCV40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Chloromethane		0.490	0.482			0.489	4.0
Vinyl Chloride		0.695	0.690			0.696	2.8
Bromomethane		0.776	0.759			0.763	2.9
Chloroethane		0.388	0.382			0.382	2.9
1,1-Dichloroethene		0.751	0.756			0.745	3.6
Acetone	1.070	1.046	1.025			1.105	8.4
Carbon Disulfide		2.076	2.094			2.012	4.0
Methylene Chloride		0.665	0.666			0.676	6.5
trans-1,2-Dichloroethene		1.173	1.169			1.131	3.4
1,1-Dichloroethane	*	1.395	1.392			1.349	4.0*
Methyl Ethyl Ketone		0.392	0.391			0.376	4.0
cis-1,2-Dichloroethene		0.895	0.893			0.879	4.3
Chloroform		1.964	1.929			1.924	2.8
1,1,1-Trichloroethane		0.464	0.467			0.454	3.5
Carbon Tetrachloride		0.522	0.517			0.496	5.9
Benzene		0.481	0.486			0.469	4.1
1,2-Dichloroethane		0.286	0.284			0.276	4.0
Trichloroethene		0.251	0.251			0.246	3.7
1,2-Dichloropropane		0.149	0.151			0.141	6.5
Bromodichloromethane		0.427	0.429			0.403	6.9
cis-1,3-Dichloropropene		0.303	0.308			0.282	8.0
Methyl Isobutyl Ketone		0.295	0.298			0.277	6.8
Toluene		0.449	0.442			0.437	2.2
trans-1,3-Dichloropropene		0.346	0.348			0.322	7.1
1,1,2-Trichloroethane		0.188	0.183			0.180	4.7
Tetrachloroethene		0.442	0.438			0.439	1.9
Methyl Butyl Ketone		0.330	0.322			0.311	5.6
Dibromochloromethane		0.512	0.502			0.456	13.8
Chlorobenzene	*	0.644	0.637			0.622	3.1*
Ethylbenzene		1.035	1.010			0.993	5.0
Xylene (m,p)		0.417	0.412			0.401	2.9
Xylene (o)		0.399	0.393			0.382	3.1
Styrene		0.640	0.632			0.564	12.7
Bromoform		0.516	0.510			0.445	15.8
1,1,2,2-Tetrachloroethane		0.502	0.483			0.464	5.4

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

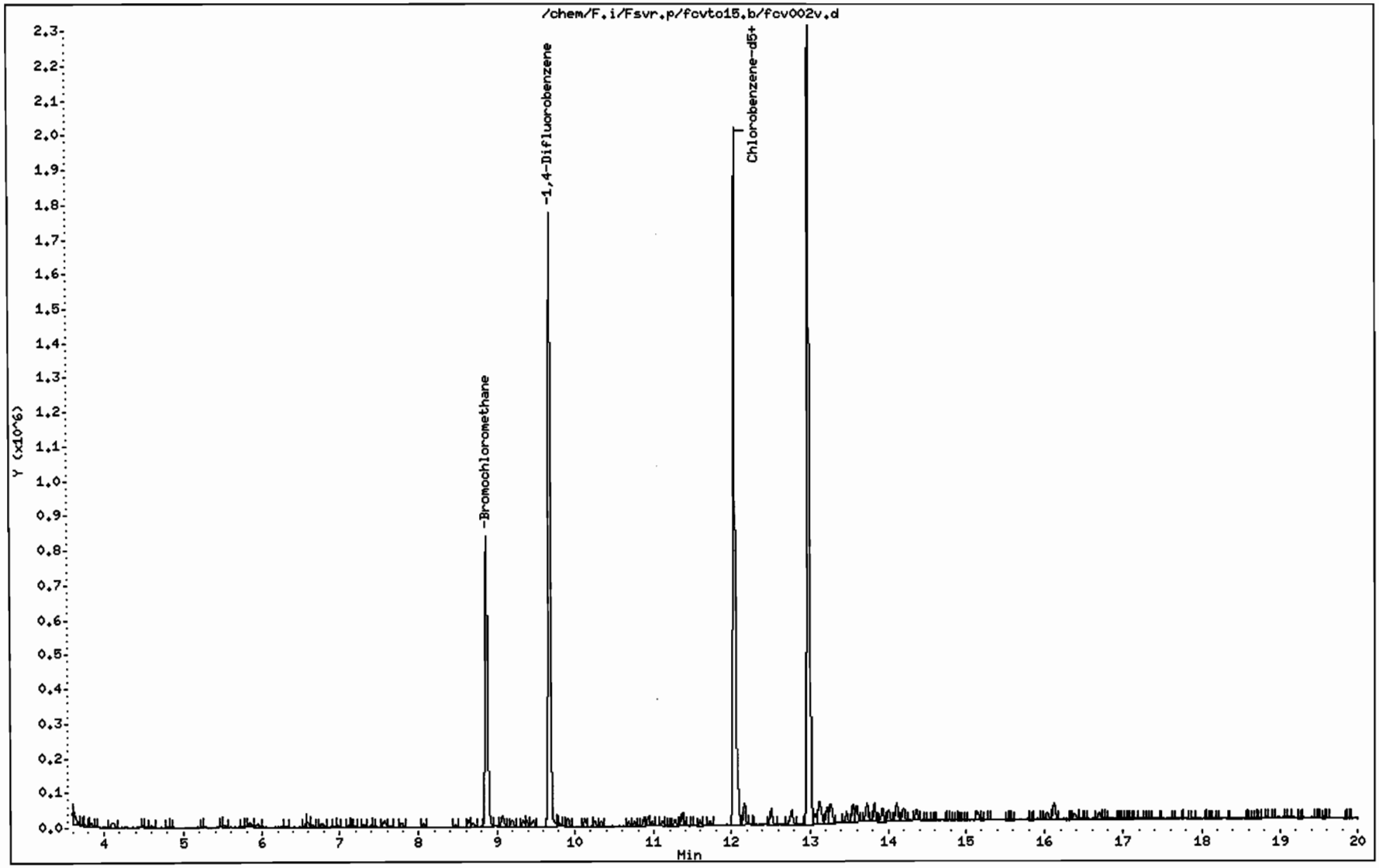
page 2 of 2

FORM VI VOA

Data File: /chem/F.i/Fsvr.p/fcvto15.b/fcv002v.d
Date : 25-MAR-2009 13:02
Client ID: ASTD0002
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Page 4

Instrument: F.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvto15.b/fcv002v.d
Lab Smp Id: ASTD0002 Client Smp ID: ASTD0002
Inj Date : 25-MAR-2009 13:02
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ASTD0002;032509FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvto15.b/sto15.m
Meth Date : 01-Apr-2009 10:37 klp Quant Type: ISTD
Cal Date : 25-MAR-2009 13:02 Cal File: fcv002v.d
Als bottle: 2 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)	ON-COL (ppbv)
3 1,2-Dichlorotetrafluoroethane	85	4.127	4.106	(0.465)	14401	0.20000	0.19(a)
6 Vinyl Chloride	62	4.528	4.518	(0.511)	4166	0.20000	0.20
9 Bromomethane	94	5.245	5.240	(0.592)	4431	0.20000	0.20
11 Isopentane	43	5.502	5.491	(0.620)	4483	0.20000	0.19(a)
12 Bromoethene	106	5.769	5.753	(0.651)	4893	0.20000	0.19(a)
13 Trichlorofluoromethane	101	5.844	5.828	(0.659)	17262	0.20000	0.19(a)
15 Ethyl Ether	59	6.310	6.278	(0.712)	2749	0.20000	0.18(aQ)
17 Freon TF	101	6.588	6.582	(0.743)	9331	0.20000	0.19(a)
18 1,1-Dichloroethene	96	6.652	6.636	(0.750)	4599	0.20000	0.21(Q)
27 trans-1,2-Dichloroethene	61	7.578	7.572	(0.855)	6552	0.20000	0.20
29 1,1-Dichloroethane	63	8.059	8.059	(0.909)	7571	0.20000	0.19(a)
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	5486	0.20000	0.21
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	295761	10.0000	
34 Chloroform	83	8.894	8.894	(1.003)	11515	0.20000	0.20
35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	13940	0.20000	0.19(aQ)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	36 Cyclohexane	84	9.086	9.081	(0.938)	6839	0.20000	0.19(a)
	37 Carbon Tetrachloride	117	9.199	9.193	(0.950)	14059	0.20000	0.18(a)
	38 2,2,4-Trimethylpentane	57	9.343	9.338	(0.965)	19001	0.20000	0.19(a)
	39 Benzene	78	9.391	9.386	(0.970)	15393	0.20000	0.21
M	40 1,2-Dichloroethene (total)	61				12038	0.40000	0.41
	41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	8329	0.20000	0.19(a)
	42 n-Heptane	43	9.471	9.471	(0.978)	6826	0.20000	0.20
*	43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	1581395	10.0000	
	45 Trichloroethene	95	9.910	9.915	(1.023)	8134	0.20000	0.21
	47 1,2-Dichloropropane	63	10.124	10.129	(1.045)	4020	0.20000	0.18(a)
	49 Dibromomethane	174	10.247	10.247	(1.058)	6970	0.20000	0.19(a)
	50 Bromodichloromethane	83	10.333	10.333	(1.067)	11448	0.20000	0.18(a)
	51 cis-1,3-Dichloropropene	75	10.686	10.680	(1.103)	7967	0.20000	0.18(a)
	53 n-Octane	43	10.873	10.868	(1.123)	8646	0.20000	0.19(a)
	54 Toluene	92	10.927	10.926	(0.908)	11379	0.20000	0.19(a)
	55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.147)	9455	0.20000	0.19(a)
	56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	4888	0.20000	0.20
	57 Tetrachloroethene	166	11.360	11.360	(0.944)	12304	0.20000	0.21
	59 Dibromochloromethane	129	11.595	11.595	(0.963)	10020	0.20000	0.16(a)
	60 1,2-Dibromoethane	107	11.724	11.718	(0.974)	9276	0.20000	0.18(a)
*	61 Chlorobenzene-d5	117	12.039	12.039	(1.000)	1354955	10.0000	
	84 Nonane	57	12.039	12.039	(1.000)	10239	0.20000	0.20
	62 Chlorobenzene	112	12.066	12.066	(1.002)	15941	0.20000	0.19(a)
	63 Ethylbenzene	91	12.087	12.082	(1.004)	27863	0.20000	0.21
	64 Xylene (m,p)	106	12.173	12.168	(1.011)	21165	0.40000	0.39(a)
	65 Xylene (o)	106	12.505	12.505	(1.039)	10181	0.20000	0.20
	66 Styrene	104	12.515	12.521	(1.040)	13042	0.20000	0.17(a)
	67 Bromoform	173	12.751	12.751	(1.059)	9513	0.20000	0.16(a)
	68 Cumene	105	12.783	12.777	(1.062)	30160	0.20000	0.19(a)
	69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.086)	11859	0.20000	0.19(a)
	72 n-Propylbenzene	91	13.131	13.131	(1.091)	34654	0.20000	0.20
	74 4-Ethyltoluene	105	13.216	13.216	(1.098)	33470	0.20000	0.20
M	70 Xylene (total)	106				31346	0.20000	0.61
	75 1,3,5-Trimethylbenzene	105	13.259	13.259	(1.101)	29557	0.20000	0.20
	76 2-Chlorotoluene	91	13.280	13.280	(1.103)	26277	0.20000	0.20
	77 a-Methylstyrene	118	13.462	13.462	(1.118)	10290	0.20000	0.16(a)
	78 Tert-Butylbenzene	119	13.548	13.542	(1.125)	29272	0.20000	0.20
	79 1,2,4-Trimethylbenzene	105	13.591	13.591	(1.129)	28618	0.20000	0.20
	80 Sec-Butylbenzene	105	13.724	13.724	(1.140)	40165	0.20000	0.21
	81 4-Isopropyltoluene	119	13.826	13.826	(1.148)	34274	0.20000	0.19(a)
	82 1,3-Dichlorobenzene	146	13.928	13.922	(1.157)	18577	0.20000	0.20
	83 1,4-Dichlorobenzene	146	14.003	14.003	(1.163)	18947	0.20000	0.20
	86 Benzyl Chloride	91	14.104	14.099	(1.172)	20795	0.20000	0.19(a)
	87 n-Butylbenzene	91	14.195	14.195	(1.179)	25619	0.20000	0.19(a)
	88 1,2-Dichlorobenzene	146	14.361	14.361	(1.193)	18015	0.20000	0.20
	90 1,2,4-Trichlorobenzene	180	16.025	16.030	(1.331)	10577	0.20000	0.15(a)
	91 Hexachlorobutadiene	225	16.121	16.121	(1.339)	13268	0.20000	0.19(aQ)

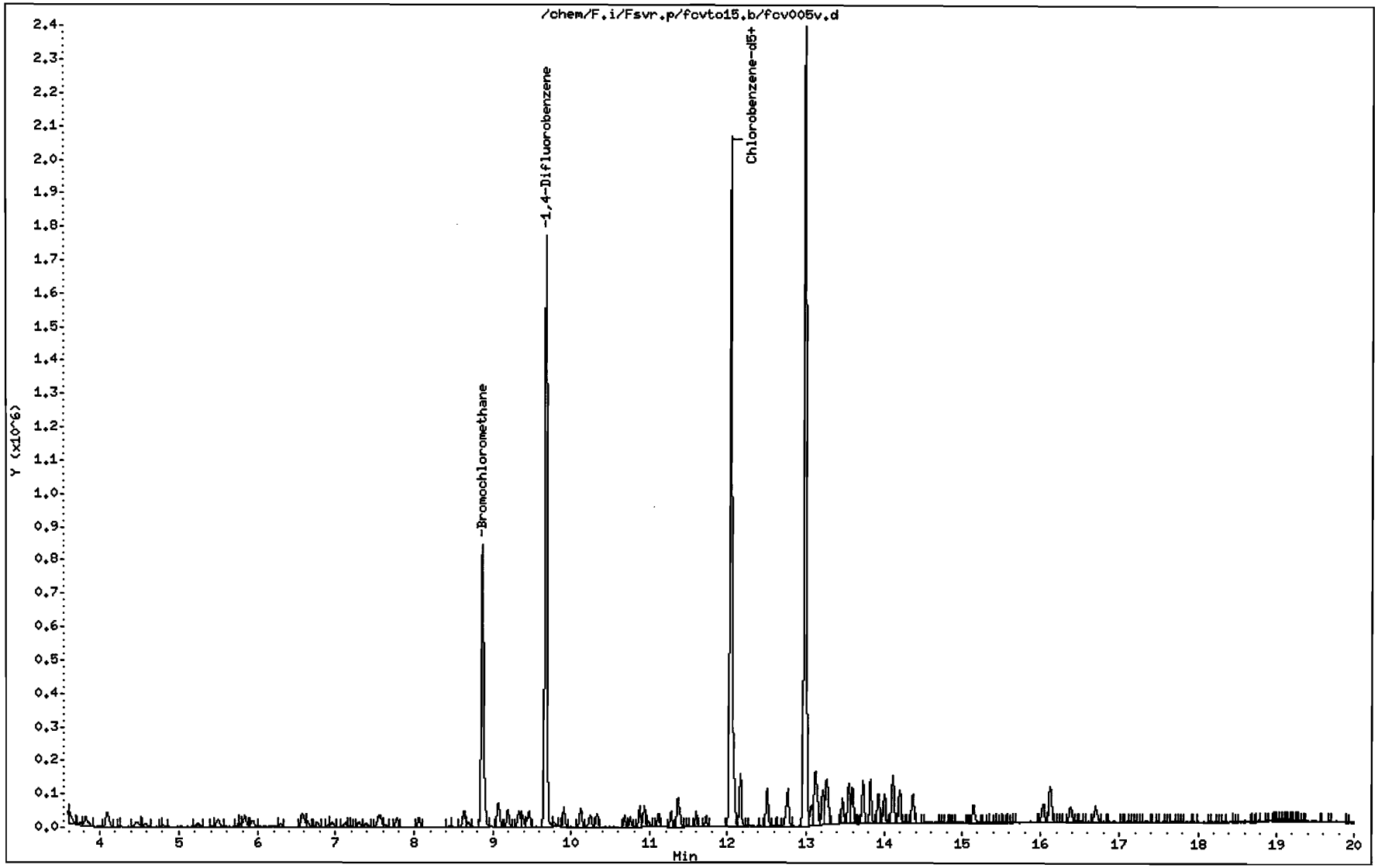
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
93 1,2,3-Trichlorobenzene	180	16.694	16.699	(1.387)	10601	0.20000	0.17(a)

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/F.i/Fsvr.p/fcvto15.b/fcv005v.d
Date : 25-MAR-2009 13:52
Client ID: ASTD0005
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: F.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvto15.b/fcv005v.d
Lab Smp Id: ASTD0005 Client Smp ID: ASTD0005
Inj Date : 25-MAR-2009 13:52
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ASTD0005;032509FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvto15.b/sto15.m
Meth Date : 01-Apr-2009 10:37 klp Quant Type: ISTD
Cal Date : 25-MAR-2009 13:52 Cal File: fcv005v.d
Als bottle: 3 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	3.822	3.822	(0.431)	41023	0.50000	0.55
2 Freon-22	51	3.865	3.865	(0.436)	18634	0.50000	0.52
3 1,2-Dichlorotetrafluoroethane	85	4.106	4.106	(0.463)	38167	0.50000	0.52
4 Chloromethane	50	4.266	4.261	(0.481)	7501	0.50000	0.52(M)
5 n-Butane	43	4.475	4.475	(0.505)	19576	0.50000	0.59
6 Vinyl Chloride	62	4.518	4.518	(0.510)	10419	0.50000	0.51
7 1,3-Butadiene	54	4.593	4.592	(0.518)	6647	0.50000	0.48(a)
9 Bromomethane	94	5.240	5.240	(0.591)	11103	0.50000	0.50
10 Chloroethane	64	5.427	5.427	(0.612)	5439	0.50000	0.49(a)
11 Isopentane	43	5.497	5.491	(0.620)	13607	0.50000	0.58
12 Bromoethene	106	5.753	5.753	(0.649)	12392	0.50000	0.49
13 Trichlorofluoromethane	101	5.828	5.828	(0.658)	44494	0.50000	0.51
14 Pentane	43	5.925	5.930	(0.669)	18203	0.50000	0.55(M)
15 Ethyl Ether	59	6.294	6.278	(0.710)	7887	0.50000	0.52
17 Freon TF	101	6.577	6.582	(0.742)	24560	0.50000	0.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	18 1,1-Dichloroethene	96	6.642	6.636	(0.749)	10854	0.50000	0.50(Q)
	21 Carbon Disulfide	76	6.963	6.962	(0.786)	28114	0.50000	0.48(a)
	22 3-Chloropropene	41	7.128	7.123	(0.804)	9744	0.50000	0.46(a)
	24 Methylene Chloride	49	7.300	7.299	(0.824)	10968	0.50000	0.56
	26 Methyl tert-Butyl Ether	73	7.546	7.529	(0.851)	38468	0.50000	0.49(a)
	27 trans-1,2-Dichloroethene	61	7.572	7.572	(0.854)	15893	0.50000	0.48
	28 n-Hexane	57	7.776	7.775	(0.877)	15925	0.50000	0.51
	29 1,1-Dichloroethane	63	8.059	8.059	(0.909)	19283	0.50000	0.49
	30 Methyl Ethyl Ketone	72	8.632	8.615	(0.974)	5291	0.50000	0.48(a)
	31 cis-1,2-Dichloroethene	96	8.632	8.631	(0.974)	12166	0.50000	0.47
*	32 Bromochloromethane	128	8.862	8.861	(1.000)	292335	10.0000	
	34 Chloroform	83	8.899	8.894	(1.004)	27485	0.50000	0.49
	35 1,1,1-Trichloroethane	97	9.065	9.065	(0.936)	34769	0.50000	0.49
	36 Cyclohexane	84	9.086	9.081	(0.938)	17082	0.50000	0.48
	37 Carbon Tetrachloride	117	9.193	9.193	(0.949)	38573	0.50000	0.50
	38 2,2,4-Trimethylpentane	57	9.343	9.338	(0.965)	48059	0.50000	0.48
	39 Benzene	78	9.386	9.386	(0.969)	34682	0.50000	0.47
M	40 1,2-Dichloroethene (total)	61				28059	1.00000	0.95
	41 1,2-Dichloroethane	62	9.439	9.439	(0.975)	20919	0.50000	0.49
	42 n-Heptane	43	9.472	9.471	(0.978)	15972	0.50000	0.48
*	43 1,4-Difluorobenzene	114	9.686	9.685	(1.000)	1563321	10.0000	
	45 Trichloroethene	95	9.916	9.915	(1.024)	18645	0.50000	0.48
	46 Methyl Methacrylate	69	10.114	10.113	(1.044)	11220	0.50000	0.44(a)
	47 1,2-Dichloropropane	63	10.135	10.129	(1.046)	10732	0.50000	0.49
	49 Dibromomethane	174	10.253	10.247	(1.059)	17098	0.50000	0.46
	50 Bromodichloromethane	83	10.333	10.333	(1.067)	29709	0.50000	0.47
	51 cis-1,3-Dichloropropene	75	10.681	10.680	(1.103)	20454	0.50000	0.46
	52 Methyl Isobutyl Ketone	43	10.755	10.745	(1.110)	20002	0.50000	0.46(a)
	53 n-Octane	43	10.873	10.868	(1.123)	21715	0.50000	0.48
	54 Toluene	92	10.932	10.926	(0.908)	29735	0.50000	0.50
	55 trans-1,3-Dichloropropene	75	11.114	11.108	(1.147)	23048	0.50000	0.46
	56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	11181	0.50000	0.45
	57 Tetrachloroethene	166	11.360	11.360	(0.943)	29282	0.50000	0.49
	58 Methyl Butyl Ketone	43	11.387	11.381	(0.945)	19375	0.50000	0.46(a)
	59 Dibromochloromethane	129	11.595	11.595	(0.963)	26033	0.50000	0.42
	60 1,2-Dibromoethane	107	11.729	11.718	(0.974)	24039	0.50000	0.47
*	61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	1361958	10.0000	
	84 Nonane	57	12.039	12.039	(1.000)	25163	0.50000	0.49
	62 Chlorobenzene	112	12.061	12.066	(1.001)	42306	0.50000	0.50(Q)
	63 Ethylbenzene	91	12.088	12.082	(1.004)	61215	0.50000	0.45
	64 Xylene (m,p)	106	12.173	12.168	(1.011)	53091	1.00000	0.97
	65 Xylene (o)	106	12.510	12.505	(1.039)	25087	0.50000	0.48
	66 Styrene	104	12.521	12.521	(1.040)	32391	0.50000	0.42
	67 Bromoform	173	12.756	12.751	(1.059)	25082	0.50000	0.41
	68 Cumene	105	12.778	12.777	(1.061)	77675	0.50000	0.49
	69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.085)	30750	0.50000	0.49
	71 n-Decane	57	13.115	13.114	(1.089)	29579	0.50000	0.47(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	72 n-Propylbenzene	91	13.131	13.131	(1.090)	87982	0.50000	0.49
	73 1,2,3-Trichloropropane	75	13.152	13.147	(1.092)	27442	0.50000	0.49(a)
	74 4-Ethyltoluene	105	13.222	13.216	(1.098)	81679	0.50000	0.48
M	70 Xylene (total)	106				78178	0.50000	1.5
	75 1,3,5-Trimethylbenzene	105	13.259	13.259	(1.101)	75132	0.50000	0.50
	76 2-Chlorotoluene	91	13.286	13.280	(1.103)	64408	0.50000	0.49
	77 a-Methylstyrene	118	13.462	13.462	(1.118)	27983	0.50000	0.44
	78 Tert-Butylbenzene	119	13.543	13.542	(1.124)	74207	0.50000	0.52
	79 1,2,4-Trimethylbenzene	105	13.591	13.591	(1.128)	68848	0.50000	0.48
	80 Sec-Butylbenzene	105	13.730	13.724	(1.140)	98322	0.50000	0.51
	81 4-Isopropyltoluene	119	13.826	13.826	(1.148)	88733	0.50000	0.50
	82 1,3-Dichlorobenzene	146	13.928	13.922	(1.156)	45618	0.50000	0.48
	83 1,4-Dichlorobenzene	146	14.008	14.003	(1.163)	44446	0.50000	0.47
	86 Benzyl Chloride	91	14.104	14.099	(1.171)	49030	0.50000	0.44
	87 n-Butylbenzene	91	14.201	14.195	(1.179)	65445	0.50000	0.47
	88 1,2-Dichlorobenzene	146	14.367	14.361	(1.193)	44143	0.50000	0.49
	90 1,2,4-Trichlorobenzene	180	16.036	16.030	(1.331)	27397	0.50000	0.38(a)
	91 Hexachlorobutadiene	225	16.127	16.121	(1.339)	32615	0.50000	0.46
	92 Naphthalene	128	16.389	16.378	(1.361)	57979	0.50000	0.40(a)
	93 1,2,3-Trichlorobenzene	180	16.694	16.699	(1.386)	25707	0.50000	0.41

QC Flag Legend

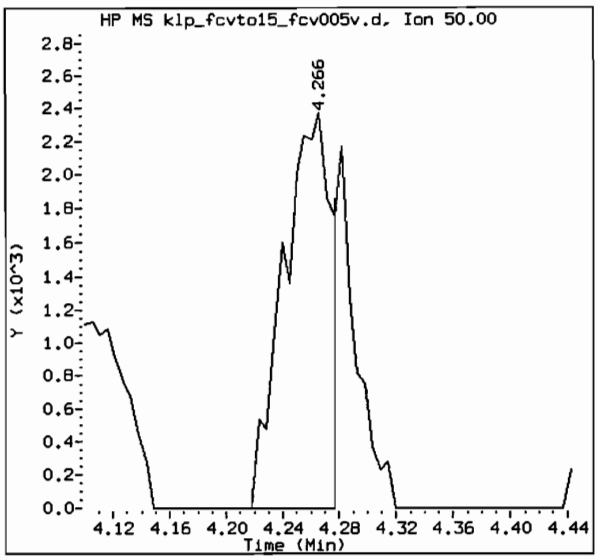
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

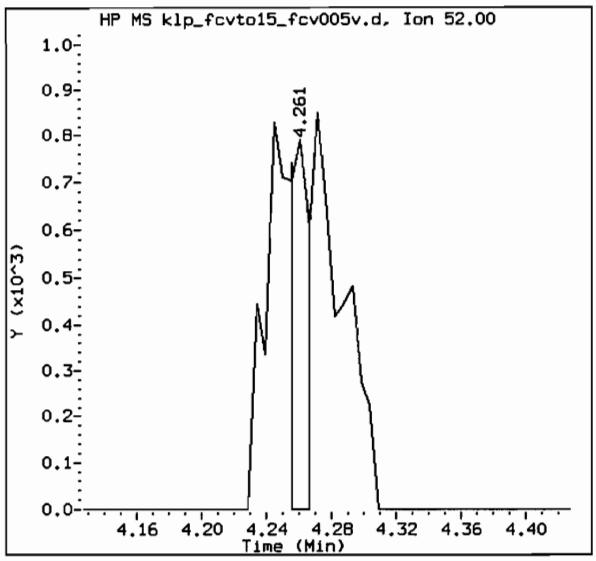
MANUAL INTEGRATION REPORT

Data File Name: fcv005v.d
Client Sample ID: ASTD0005
Compound Name: Chloromethane

Inj. Date and Time: 25-MAR-2009 13:52
Instrument ID: F.i
CAS #: 74-87-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/01/2009 10:37

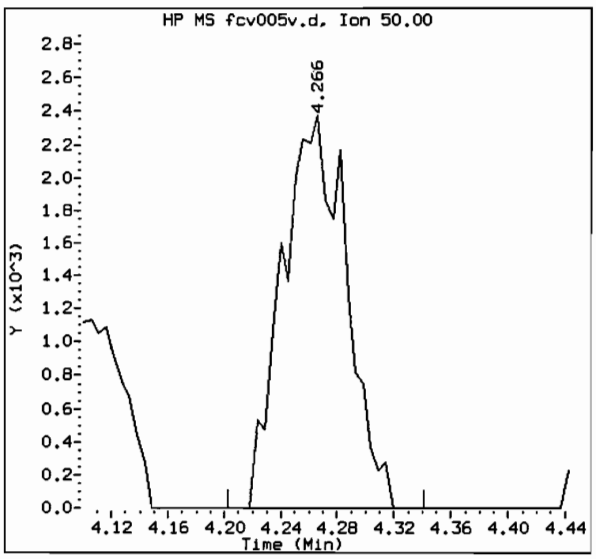


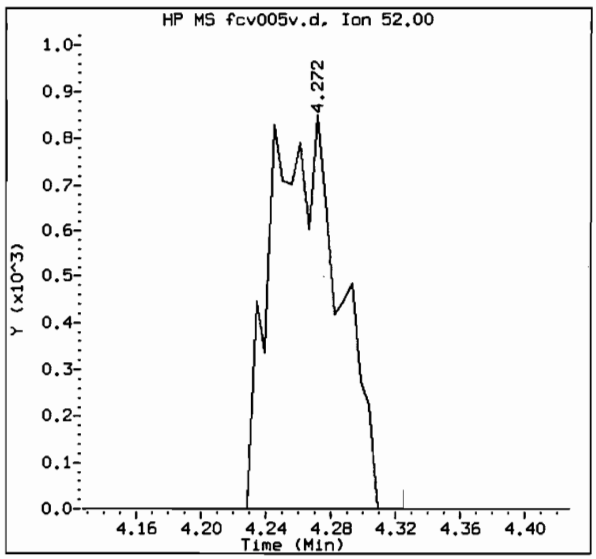


Original Integrations:

Area = 5609

Area = 672





Final Integrations:

Area = 7501

Area = 2487

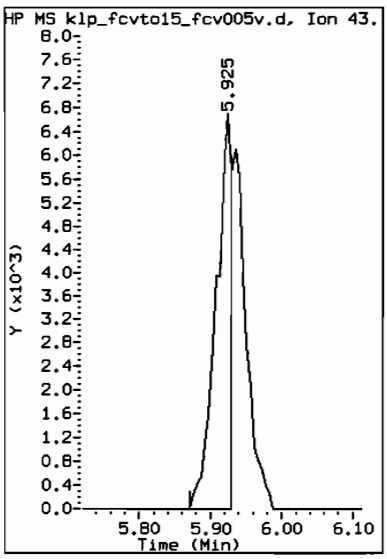
Manual Integration Reason: MI1 - Poor automated baseline

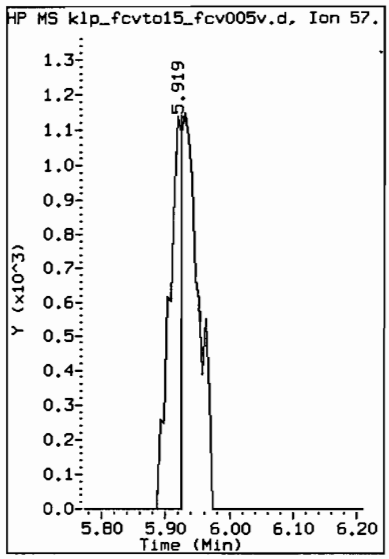
MANUAL INTEGRATION REPORT

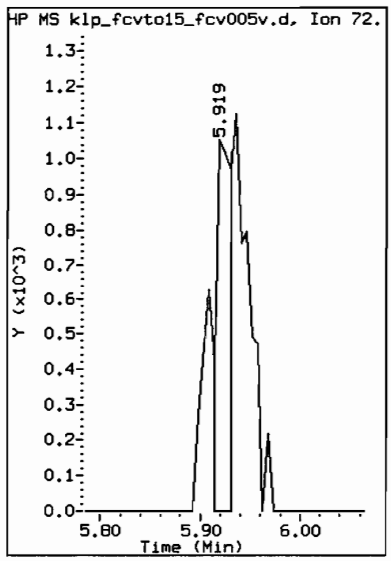
Data File Name: fcv005v.d
Client Sample ID: ASTD0005
Compound Name: Pentane

Inj. Date and Time: 25-MAR-2009 13:52
Instrument ID: F.i
CAS #: 109-66-0

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/01/2009 10:37

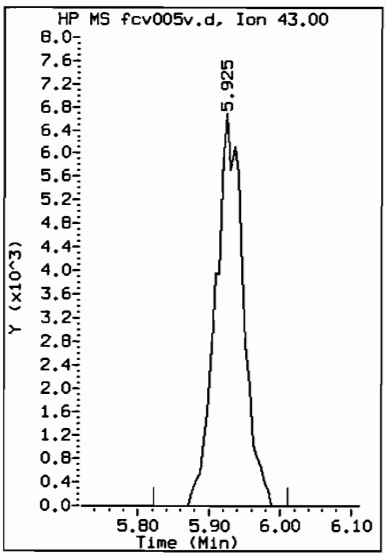


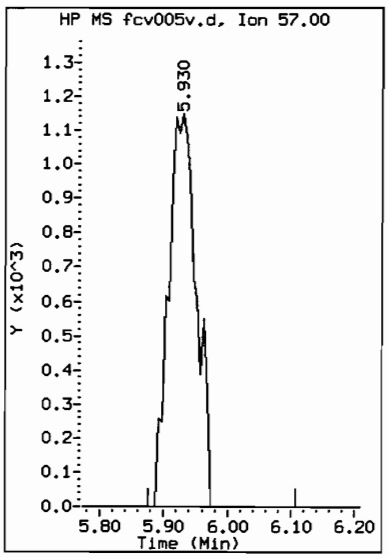


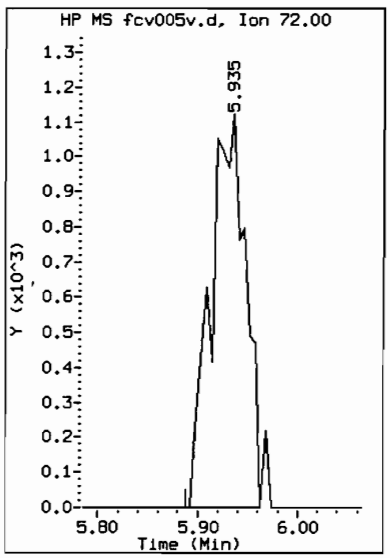


Original Integrations:

Area = 10578 Area = 1569 Area = 1108







Final Integrations:

Area = 18203 Area = 3409 Area = 2713

Manual Integration Reason: MI1 - Poor automated baseline

Data File: /chem/F.i/Fsvr.p/fcvto15.b/fcv05v.d
Date : 25-MAR-2009 14:42
Client ID: ASTD005
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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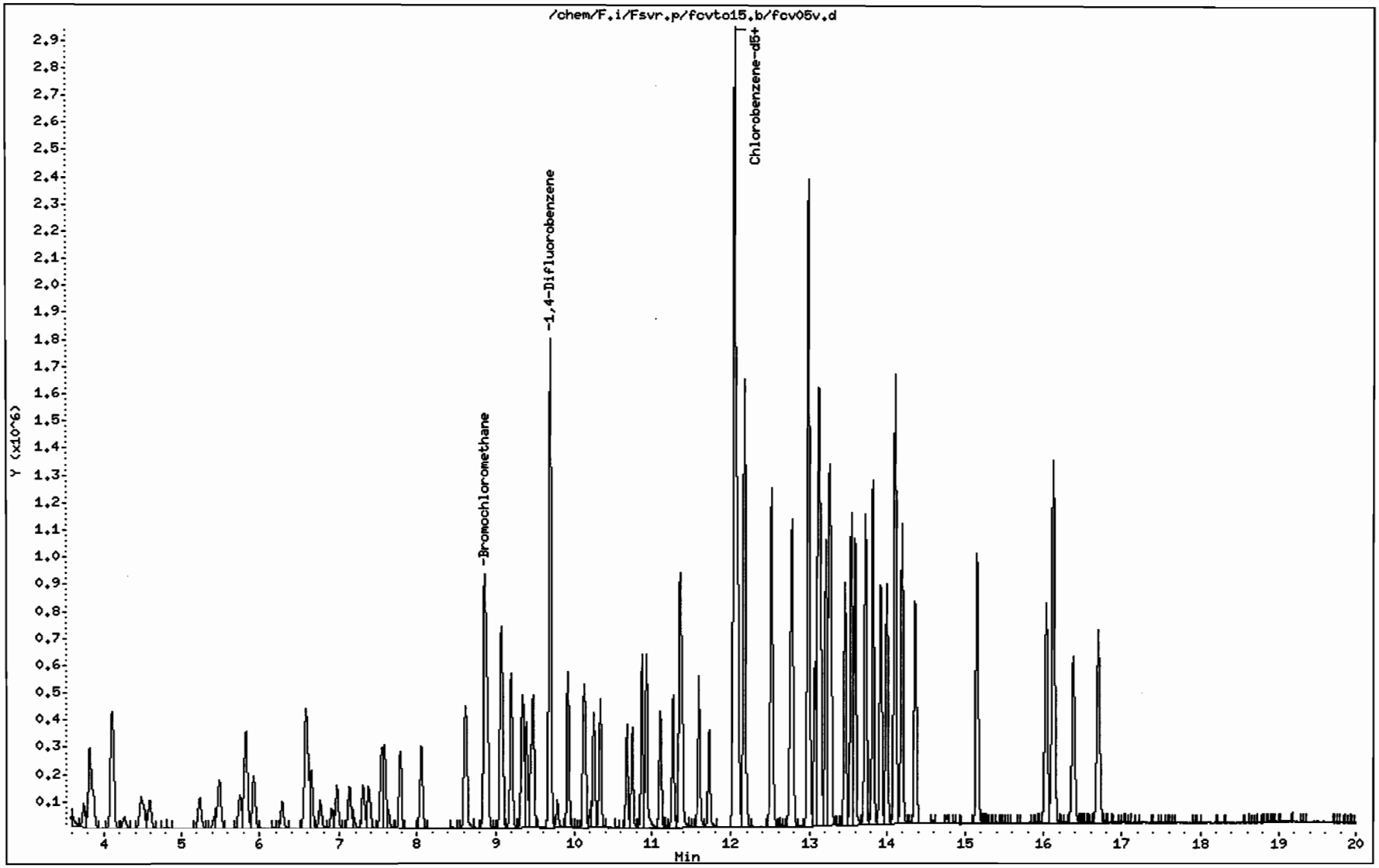
Instrument: F.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvto15.b/fcv05v.d
Lab Smp Id: ASTD005 Client Smp ID: ASTD005
Inj Date : 25-MAR-2009 14:42
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ASTD005;032509FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvto15.b/sto15.m
Meth Date : 01-Apr-2009 10:37 klp Quant Type: ISTD
Cal Date : 25-MAR-2009 14:42 Cal File: fcv05v.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)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.827	3.822	(0.432)	414549	5.00000	5.5
2 Freon-22	51	3.870	3.865	(0.437)	187275	5.00000	5.2
3 1,2-Dichlorotetrafluoroethane	85	4.106	4.106	(0.463)	388809	5.00000	5.3
4 Chloromethane	50	4.261	4.261	(0.481)	73931	5.00000	5.1
5 n-Butane	43	4.480	4.475	(0.506)	138376	5.00000	4.1
8 Methanol	31	Compound Not Detected.					
6 Vinyl Chloride	62	4.518	4.518	(0.510)	105561	5.00000	5.1
7 1,3-Butadiene	54	4.592	4.592	(0.518)	72251	5.00000	5.2
9 Bromomethane	94	5.240	5.240	(0.591)	118048	5.00000	5.2
10 Chloroethane	64	5.432	5.427	(0.613)	58800	5.00000	5.2
11 Isopentane	43	5.491	5.491	(0.620)	105054	5.00000	4.4
12 Bromoethene	106	5.759	5.753	(0.650)	131679	5.00000	5.2
13 Trichlorofluoromethane	101	5.834	5.828	(0.658)	478608	5.00000	5.4
14 Pentane	43	5.930	5.930	(0.669)	163898	5.00000	4.9
15 Ethyl Ether	59	6.283	6.278	(0.709)	77548	5.00000	5.0

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
16 Acrolein	56	6.561	6.556	(0.740)	31959	5.00000	4.8(aQ)
17 Freon TF	101	6.583	6.582	(0.743)	255140	5.00000	5.2
18 1,1-Dichloroethene	96	6.641	6.636	(0.749)	110678	5.00000	5.0
19 Acetone	43	6.754	6.748	(0.762)	166374	5.00000	5.1
20 Isopropyl Alcohol	45	6.898	6.893	(0.778)	109586	5.00000	5.1
21 Carbon Disulfide	76	6.962	6.962	(0.786)	301151	5.00000	5.1
22 3-Chloropropene	41	7.123	7.123	(0.804)	107917	5.00000	5.0
23 Acetonitrile	41	7.176	7.171	(0.810)	49738	5.00000	5.0
24 Methylene Chloride	49	7.299	7.299	(0.824)	98043	5.00000	4.9
25 tert-Butyl Alcohol	59	7.369	7.369	(0.832)	227679	5.00000	5.2
26 Methyl tert-Butyl Ether	73	7.535	7.529	(0.850)	406021	5.00000	5.1
27 trans-1,2-Dichloroethene	61	7.578	7.572	(0.855)	170197	5.00000	5.1
28 n-Hexane	57	7.776	7.775	(0.877)	155778	5.00000	4.9
29 1,1-Dichloroethane	63	8.059	8.059	(0.909)	207426	5.00000	5.2
30 Methyl Ethyl Ketone	72	8.621	8.615	(0.973)	55400	5.00000	5.0
31 cis-1,2-Dichloroethene	96	8.626	8.631	(0.973)	131815	5.00000	5.1
* 32 Bromochloromethane	128	8.862	8.861	(1.000)	295515	10.0000	
33 Tetrahydrofuran	42	8.883	8.878	(0.917)	91782	5.00000	5.0
34 Chloroform	83	8.899	8.894	(1.004)	293108	5.00000	5.2
35 1,1,1-Trichloroethane	97	9.065	9.065	(0.936)	372371	5.00000	5.2
36 Cyclohexane	84	9.076	9.081	(0.937)	182532	5.00000	5.1
37 Carbon Tetrachloride	117	9.193	9.193	(0.949)	405081	5.00000	5.2
38 2,2,4-Trimethylpentane	57	9.343	9.338	(0.965)	502119	5.00000	5.0
39 Benzene	78	9.386	9.386	(0.969)	368761	5.00000	5.0
M 40 1,2-Dichloroethene (total)	61				302012	10.0000	10
41 1,2-Dichloroethane	62	9.439	9.439	(0.975)	225208	5.00000	5.2
42 n-Heptane	43	9.471	9.471	(0.978)	162882	5.00000	4.9
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	1575809	10.0000	
44 1-Butanol	56	9.776	9.776	(1.009)	56931	5.00000	5.0
45 Trichloroethene	95	9.915	9.915	(1.024)	195017	5.00000	5.0
46 Methyl Methacrylate	69	10.113	10.113	(1.044)	128041	5.00000	5.0
47 1,2-Dichloropropane	63	10.129	10.129	(1.046)	116020	5.00000	5.2
48 1,4-Dioxane	88	10.204	10.204	(1.054)	59291	5.00000	5.3
49 Dibromomethane	174	10.247	10.247	(1.058)	189744	5.00000	5.1
50 Bromodichloromethane	83	10.333	10.333	(1.067)	332723	5.00000	5.2
51 cis-1,3-Dichloropropene	75	10.680	10.680	(1.103)	228916	5.00000	5.2
52 Methyl Isobutyl Ketone	43	10.745	10.745	(1.109)	216113	5.00000	4.9
53 n-Octane	43	10.868	10.868	(1.122)	225366	5.00000	5.0
54 Toluene	92	10.927	10.926	(0.908)	304976	5.00000	5.0
55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.147)	258778	5.00000	5.1
56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	128420	5.00000	5.1
57 Tetrachloroethene	166	11.360	11.360	(0.944)	305550	5.00000	5.0
58 Methyl Butyl Ketone	43	11.381	11.381	(0.945)	217577	5.00000	5.0
59 Dibromochloromethane	129	11.595	11.595	(0.963)	339571	5.00000	5.3
60 1,2-Dibromoethane	107	11.724	11.718	(0.974)	272566	5.00000	5.2
* 61 Chlorobenzene-d5	117	12.039	12.039	(1.000)	1392879	10.0000	
84 Nonane	57	12.039	12.039	(1.000)	260358	5.00000	5.0

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 Chlorobenzene	112	12.066	12.066	(1.002)	435001	5.00000	5.0
63 Ethylbenzene	91	12.082	12.082	(1.004)	699164	5.00000	5.1
64 Xylene (m,p)	106	12.168	12.168	(1.011)	561034	10.0000	10
65 Xylene (o)	106	12.505	12.505	(1.039)	264446	5.00000	5.0
66 Styrene	104	12.521	12.521	(1.040)	403495	5.00000	5.1
67 Bromoform	173	12.756	12.751	(1.060)	325230	5.00000	5.2
68 Cumene	105	12.778	12.777	(1.061)	804034	5.00000	5.0
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.086)	323237	5.00000	5.0
71 n-Decane	57	13.115	13.114	(1.089)	325095	5.00000	5.1
72 n-Propylbenzene	91	13.125	13.131	(1.090)	902720	5.00000	5.0
73 1,2,3-Trichloropropane	75	13.147	13.147	(1.092)	279182	5.00000	4.9
74 4-Ethyltoluene	105	13.216	13.216	(1.098)	850321	5.00000	4.9
M 70 Xylene (total)	106				825480	5.00000	16
75 1,3,5-Trimethylbenzene	105	13.259	13.259	(1.101)	750019	5.00000	4.9
76 2-Chlorotoluene	91	13.280	13.280	(1.103)	650792	5.00000	4.9
77 a-Methylstyrene	118	13.468	13.462	(1.119)	331655	5.00000	5.1
78 Tert-Butylbenzene	119	13.543	13.542	(1.125)	710362	5.00000	4.8
79 1,2,4-Trimethylbenzene	105	13.591	13.591	(1.129)	716917	5.00000	4.9
80 Sec-Butylbenzene	105	13.730	13.724	(1.140)	938100	5.00000	4.8
81 4-Isopropyltoluene	119	13.826	13.826	(1.148)	899635	5.00000	5.0
82 1,3-Dichlorobenzene	146	13.928	13.922	(1.157)	469271	5.00000	4.9
83 1,4-Dichlorobenzene	146	14.003	14.003	(1.163)	461549	5.00000	4.8
86 Benzyl Chloride	91	14.104	14.099	(1.172)	557984	5.00000	5.0
85 n-Undecane	57	14.110	14.110	(1.172)	390406	5.00000	5.6
87 n-Butylbenzene	91	14.195	14.195	(1.179)	736415	5.00000	5.2
88 1,2-Dichlorobenzene	146	14.366	14.361	(1.193)	449664	5.00000	4.9
89 n-Dodecane	57	15.147	15.147	(1.258)	380639	5.00000	6.3
90 1,2,4-Trichlorobenzene	180	16.030	16.030	(1.331)	404206	5.00000	5.5
91 Hexachlorobutadiene	225	16.126	16.121	(1.339)	410399	5.00000	5.7
92 Naphthalene	128	16.378	16.378	(1.360)	807119	5.00000	5.5
93 1,2,3-Trichlorobenzene	180	16.699	16.699	(1.387)	384628	5.00000	6.0

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/F.i/Fsvr.p/fcvto15.b/fcv10v.d
Date : 25-MAR-2009 15:32
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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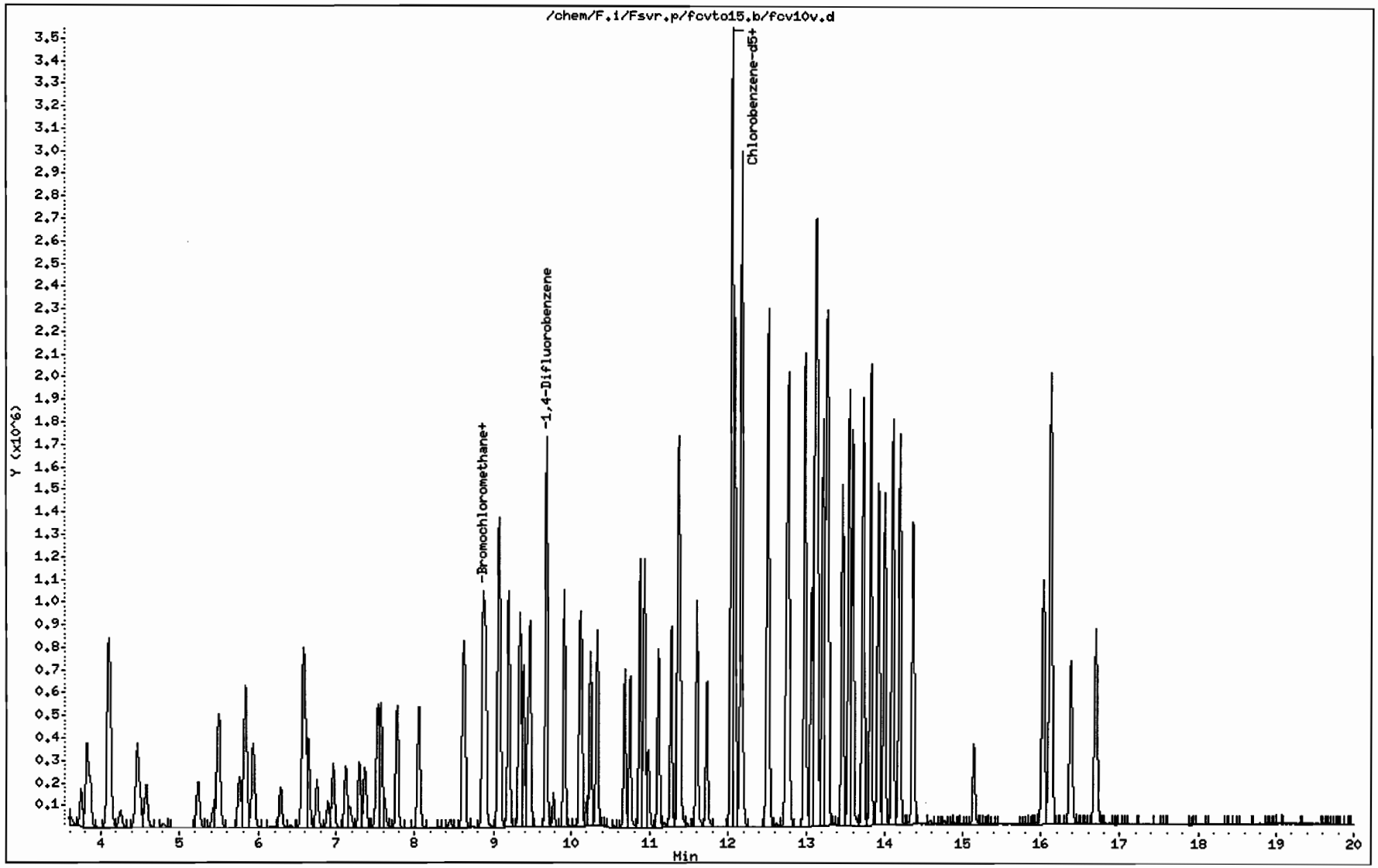
Instrument: F.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvto15.b/fcv10v.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 25-MAR-2009 15:32
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ASTD010;032509FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvto15.b/sto15.m
Meth Date : 01-Apr-2009 10:37 klp Quant Type: ISTD
Cal Date : 25-MAR-2009 15:32 Cal File: fcv10v.d
Als bottle: 5 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)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.822	3.822	(0.431)	526432	10.0000	7.0
2 Freon-22	51	3.865	3.865	(0.436)	335867	10.0000	9.5
3 1,2-Dichlorotetrafluoroethane	85	4.106	4.106	(0.463)	691832	10.0000	9.5
4 Chloromethane	50	4.261	4.261	(0.481)	134349	10.0000	9.4
5 n-Butane	43	4.475	4.475	(0.505)	464426	10.0000	14
8 Methanol	31	Compound Not Detected.					
6 Vinyl Chloride	62	4.518	4.518	(0.510)	193097	10.0000	9.5
7 1,3-Butadiene	54	4.592	4.592	(0.518)	133906	10.0000	9.7
9 Bromomethane	94	5.240	5.240	(0.591)	214842	10.0000	9.7
10 Chloroethane	64	5.427	5.427	(0.612)	108520	10.0000	9.7
11 Isopentane	43	5.491	5.491	(0.620)	302269	10.0000	13
12 Bromoethene	106	5.753	5.753	(0.649)	245867	10.0000	9.8
13 Trichlorofluoromethane	101	5.828	5.828	(0.658)	853063	10.0000	9.7
14 Pentane	43	5.930	5.930	(0.669)	328333	10.0000	10
15 Ethyl Ether	59	6.278	6.278	(0.708)	144094	10.0000	9.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Acrolein	56	6.556	6.556	(0.740)	63036	10.0000	9.7
	17 Freon TF	101	6.582	6.582	(0.743)	467198	10.0000	9.6
	18 1,1-Dichloroethene	96	6.636	6.636	(0.749)	203076	10.0000	9.3
	19 Acetone	43	6.748	6.748	(0.762)	366818	10.0000	11
	20 Isopropyl Alcohol	45	6.893	6.893	(0.778)	189864	10.0000	9.0
	21 Carbon Disulfide	76	6.962	6.962	(0.786)	562841	10.0000	9.6
	22 3-Chloropropene	41	7.123	7.123	(0.804)	197396	10.0000	9.3
	23 Acetonitrile	41	7.171	7.171	(0.809)	108936	10.0000	11(Q)
	24 Methylene Chloride	49	7.299	7.299	(0.824)	184690	10.0000	9.4
	25 tert-Butyl Alcohol	59	7.369	7.369	(0.832)	405919	10.0000	9.4
	26 Methyl tert-Butyl Ether	73	7.529	7.529	(0.850)	752679	10.0000	9.6
	27 trans-1,2-Dichloroethene	61	7.572	7.572	(0.854)	319735	10.0000	9.7
	28 n-Hexane	57	7.775	7.775	(0.877)	296858	10.0000	9.5
	29 1,1-Dichloroethane	63	8.059	8.059	(0.909)	379718	10.0000	9.7
	30 Methyl Ethyl Ketone	72	8.615	8.615	(0.972)	105284	10.0000	9.6
	31 cis-1,2-Dichloroethene	96	8.631	8.631	(0.974)	243617	10.0000	9.5
*	32 Bromochloromethane	128	8.861	8.861	(1.000)	291614	10.0000	
	33 Tetrahydrofuran	42	8.878	8.878	(0.917)	164199	10.0000	9.1
	34 Chloroform	83	8.894	8.894	(1.004)	537296	10.0000	9.6
	35 1,1,1-Trichloroethane	97	9.065	9.065	(0.936)	667520	10.0000	9.6
	36 Cyclohexane	84	9.081	9.081	(0.938)	338030	10.0000	9.7
	37 Carbon Tetrachloride	117	9.193	9.193	(0.949)	744720	10.0000	9.8
	38 2,2,4-Trimethylpentane	57	9.338	9.338	(0.964)	976344	10.0000	9.9
	39 Benzene	78	9.386	9.386	(0.969)	686295	10.0000	9.5
M	40 1,2-Dichloroethene (total)	61				563352	20.0000	19
	41 1,2-Dichloroethane	62	9.439	9.439	(0.975)	408178	10.0000	9.6
	42 n-Heptane	43	9.471	9.471	(0.978)	311105	10.0000	9.6
*	43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	1535596	10.0000	
	44 1-Butanol	56	9.776	9.776	(1.009)	89061	10.0000	8.0
	45 Trichloroethene	95	9.915	9.915	(1.024)	356624	10.0000	9.4
	46 Methyl Methacrylate	69	10.113	10.113	(1.044)	240368	10.0000	9.5
	47 1,2-Dichloropropane	63	10.129	10.129	(1.046)	210647	10.0000	9.7
	48 1,4-Dioxane	88	10.204	10.204	(1.054)	91132	10.0000	8.3
	49 Dibromomethane	174	10.247	10.247	(1.058)	352746	10.0000	9.8
	50 Bromodichloromethane	83	10.333	10.333	(1.067)	607729	10.0000	9.8
	51 cis-1,3-Dichloropropene	75	10.680	10.680	(1.103)	422220	10.0000	9.8
	52 Methyl Isobutyl Ketone	43	10.745	10.745	(1.109)	405110	10.0000	9.5
	53 n-Octane	43	10.868	10.868	(1.122)	428754	10.0000	9.7
	54 Toluene	92	10.926	10.926	(0.908)	570348	10.0000	10
	55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.147)	485543	10.0000	9.8
	56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	239114	10.0000	10
	57 Tetrachloroethene	166	11.360	11.360	(0.944)	564075	10.0000	9.9
	58 Methyl Butyl Ketone	43	11.381	11.381	(0.945)	400583	10.0000	9.9
	59 Dibromochloromethane	129	11.595	11.595	(0.963)	630668	10.0000	11
	60 1,2-Dibromoethane	107	11.718	11.718	(0.973)	506521	10.0000	10
*	61 Chlorobenzene-d5	117	12.039	12.039	(1.000)	1303379	10.0000	
	84 Nonane	57	12.039	12.039	(1.000)	470795	10.0000	9.6

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 Chlorobenzene	112	12.066	12.066	(1.002)	800669	10.0000	9.9
63 Ethylbenzene	91	12.082	12.082	(1.004)	1281347	10.0000	9.9
64 Xylene (m,p)	106	12.168	12.168	(1.011)	1023129	20.0000	20
65 Xylene (o)	106	12.505	12.505	(1.039)	487640	10.0000	9.8
66 Styrene	104	12.521	12.521	(1.040)	750871	10.0000	10
67 Bromoform	173	12.751	12.751	(1.059)	598172	10.0000	10
68 Cumene	105	12.777	12.777	(1.061)	1439891	10.0000	9.5
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.086)	575849	10.0000	9.5
71 n-Decane	57	13.114	13.114	(1.089)	510602	10.0000	8.6
72 n-Propylbenzene	91	13.131	13.131	(1.091)	1578792	10.0000	9.3
73 1,2,3-Trichloropropane	75	13.147	13.147	(1.092)	502600	10.0000	9.5
74 4-Ethyltoluene	105	13.216	13.216	(1.098)	1487251	10.0000	9.2
M 70 Xylene (total)	106				1510769	10.0000	30
75 1,3,5-Trimethylbenzene	105	13.259	13.259	(1.101)	1277574	10.0000	8.9
76 2-Chlorotoluene	91	13.280	13.280	(1.103)	1156376	10.0000	9.3
77 a-Methylstyrene	118	13.462	13.462	(1.118)	565609	10.0000	9.2
78 Tert-Butylbenzene	119	13.542	13.542	(1.125)	1204252	10.0000	8.7
79 1,2,4-Trimethylbenzene	105	13.591	13.591	(1.129)	1182869	10.0000	8.7
80 Sec-Butylbenzene	105	13.724	13.724	(1.140)	1552578	10.0000	8.5
81 4-Isopropyltoluene	119	13.826	13.826	(1.148)	1462987	10.0000	8.6
82 1,3-Dichlorobenzene	146	13.922	13.922	(1.156)	799373	10.0000	8.9
83 1,4-Dichlorobenzene	146	14.003	14.003	(1.163)	789598	10.0000	8.8
86 Benzyl Chloride	91	14.099	14.099	(1.171)	893052	10.0000	8.5
85 n-Undecane	57	14.110	14.110	(1.172)	332099	10.0000	5.1
87 n-Butylbenzene	91	14.195	14.195	(1.179)	1148099	10.0000	8.7
88 1,2-Dichlorobenzene	146	14.361	14.361	(1.193)	732877	10.0000	8.5
89 n-Dodecane	57	15.147	15.147	(1.258)	140117	10.0000	2.5(a)
90 1,2,4-Trichlorobenzene	180	16.030	16.030	(1.331)	546133	10.0000	8.0
91 Hexachlorobutadiene	225	16.121	16.121	(1.339)	612532	10.0000	9.1
92 Naphthalene	128	16.378	16.378	(1.360)	939398	10.0000	6.8
93 1,2,3-Trichlorobenzene	180	16.699	16.699	(1.387)	471115	10.0000	7.8

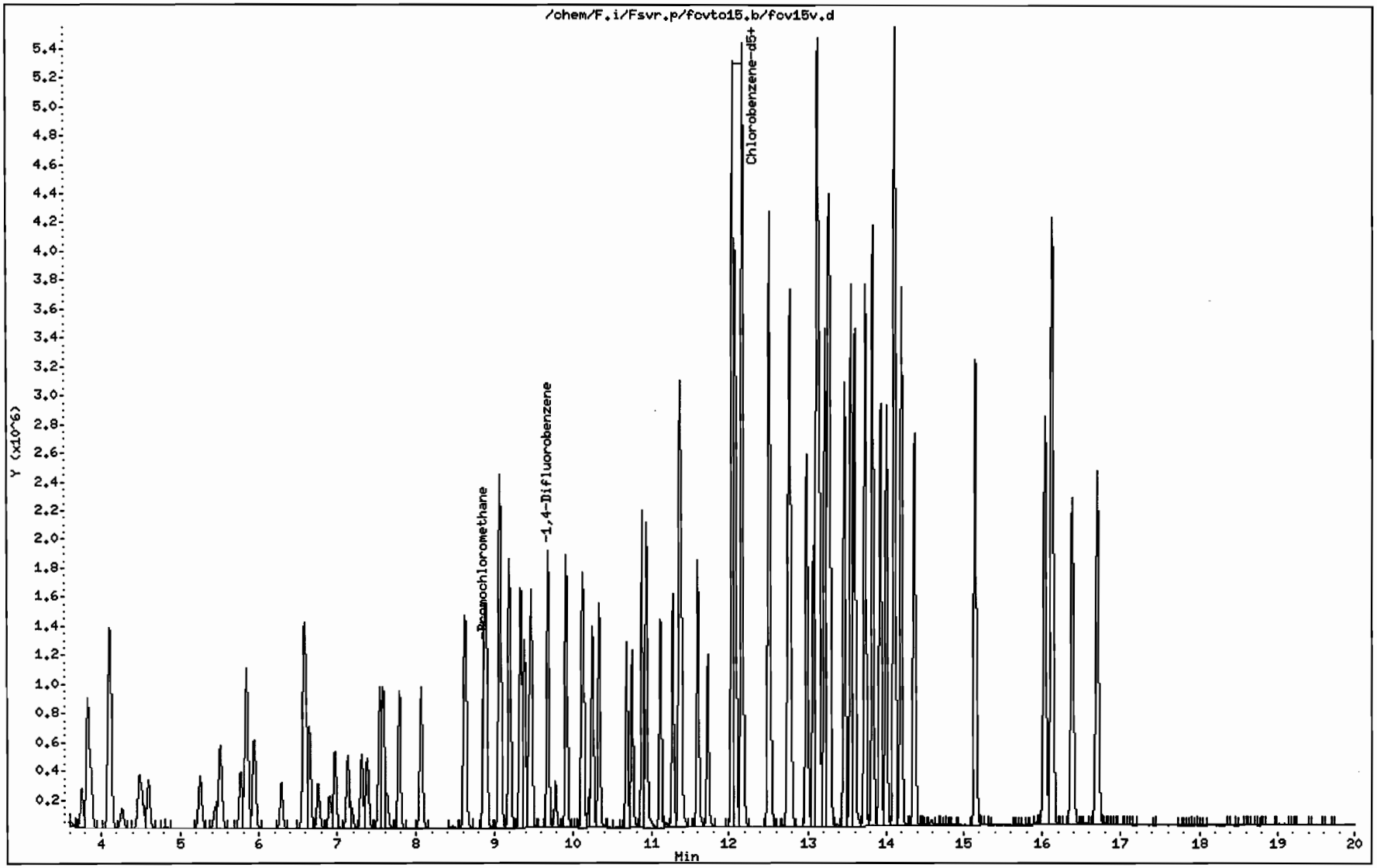
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fcvto15.b/fcv15v.d
Date : 25-MAR-2009 16:22
Client ID: ASTD015
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Page 4

Instrument: F.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvto15.b/fcv15v.d
Lab Smp Id: ASTD015 Client Smp ID: ASTD015
Inj Date : 25-MAR-2009 16:22
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ASTD015;032509FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvto15.b/sto15.m
Meth Date : 01-Apr-2009 10:37 klp Quant Type: ISTD
Cal Date : 25-MAR-2009 16:22 Cal File: fcv15v.d
Als bottle: 6 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

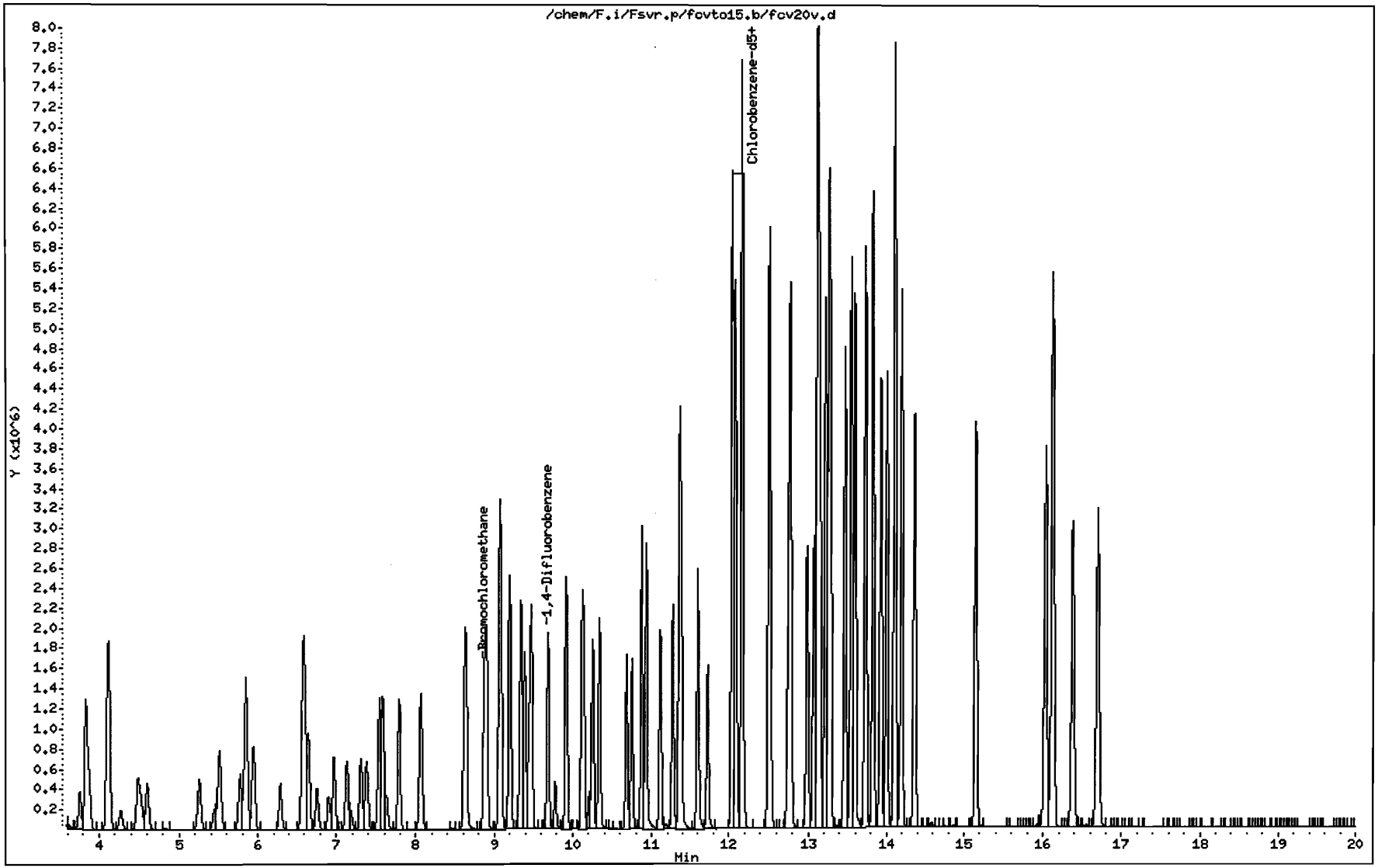
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.833	3.822	(0.432)	1279934	15.0000	15
2 Freon-22	51	3.876	3.865	(0.437)	594906	15.0000	15
3 1,2-Dichlorotetrafluoroethane	85	4.116	4.106	(0.464)	1239454	15.0000	15
4 Chloromethane	50	4.277	4.261	(0.482)	240023	15.0000	15
5 n-Butane	43	4.486	4.475	(0.506)	448920	15.0000	12
8 Methanol	31	Compound Not Detected.					
6 Vinyl Chloride	62	4.528	4.518	(0.511)	344310	15.0000	15
7 1,3-Butadiene	54	4.603	4.592	(0.519)	240278	15.0000	15
9 Bromomethane	94	5.251	5.240	(0.592)	382891	15.0000	15
10 Chloroethane	64	5.438	5.427	(0.613)	189027	15.0000	15
11 Isopentane	43	5.507	5.491	(0.621)	342661	15.0000	13
12 Bromoethene	106	5.764	5.753	(0.650)	433662	15.0000	15
13 Trichlorofluoromethane	101	5.839	5.828	(0.659)	1498592	15.0000	15
14 Pentane	43	5.941	5.930	(0.670)	537384	15.0000	15
15 Ethyl Ether	59	6.288	6.278	(0.709)	264493	15.0000	15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
16 Acrolein	56	6.567	6.556	(0.741)	112142	15.0000	15
17 Freon TF	101	6.588	6.582	(0.743)	846189	15.0000	15
18 1,1-Dichloroethene	96	6.652	6.636	(0.750)	373139	15.0000	15
19 Acetone	43	6.759	6.748	(0.762)	526169	15.0000	15
20 Isopropyl Alcohol	45	6.904	6.893	(0.779)	362732	15.0000	15
21 Carbon Disulfide	76	6.973	6.962	(0.786)	1020658	15.0000	15
22 3-Chloropropene	41	7.134	7.123	(0.805)	380681	15.0000	16
23 Acetonitrile	41	7.182	7.171	(0.810)	157126	15.0000	14
24 Methylene Chloride	49	7.310	7.299	(0.824)	328614	15.0000	15
25 tert-Butyl Alcohol	59	7.374	7.369	(0.832)	742667	15.0000	15
26 Methyl tert-Butyl Ether	73	7.540	7.529	(0.850)	1363534	15.0000	15
27 trans-1,2-Dichloroethene	61	7.583	7.572	(0.855)	581241	15.0000	16
28 n-Hexane	57	7.781	7.775	(0.878)	535858	15.0000	15
29 1,1-Dichloroethane	63	8.065	8.059	(0.910)	680865	15.0000	15
30 Methyl Ethyl Ketone	72	8.621	8.615	(0.972)	189451	15.0000	15
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	441983	15.0000	15
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	327827	10.0000	
33 Tetrahydrofuran	42	8.883	8.878	(0.917)	307914	15.0000	15
34 Chloroform	83	8.904	8.894	(1.004)	963934	15.0000	15
35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	1196249	15.0000	15
36 Cyclohexane	84	9.086	9.081	(0.938)	615681	15.0000	16
37 Carbon Tetrachloride	117	9.199	9.193	(0.949)	1333139	15.0000	16
38 2,2,4-Trimethylpentane	57	9.343	9.338	(0.964)	1702629	15.0000	16
39 Benzene	78	9.391	9.386	(0.969)	1238437	15.0000	15
M 40 1,2-Dichloroethene (total)	61				1023224	15.0000	31
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	734734	15.0000	16
42 n-Heptane	43	9.477	9.471	(0.978)	558290	15.0000	15
* 43 1,4-Difluorobenzene	114	9.691	9.685	(1.000)	1705118	10.0000	
44 1-Butanol	56	9.782	9.776	(1.009)	193789	15.0000	16
45 Trichloroethene	95	9.916	9.915	(1.023)	642296	15.0000	15
46 Methyl Methacrylate	69	10.119	10.113	(1.044)	456657	15.0000	16
47 1,2-Dichloropropane	63	10.135	10.129	(1.046)	382979	15.0000	16
48 1,4-Dioxane	88	10.204	10.204	(1.053)	191763	15.0000	16
49 Dibromomethane	174	10.253	10.247	(1.058)	638393	15.0000	16
50 Bromodichloromethane	83	10.338	10.333	(1.067)	1100584	15.0000	16
51 cis-1,3-Dichloropropene	75	10.681	10.680	(1.102)	772287	15.0000	16
52 Methyl Isobutyl Ketone	43	10.745	10.745	(1.109)	753074	15.0000	16
53 n-Octane	43	10.873	10.868	(1.122)	773334	15.0000	16
54 Toluene	92	10.932	10.926	(0.908)	1028295	15.0000	15
55 trans-1,3-Dichloropropene	75	11.109	11.108	(1.146)	880875	15.0000	16
56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	428179	15.0000	15
57 Tetrachloroethene	166	11.360	11.360	(0.943)	1014845	15.0000	15
58 Methyl Butyl Ketone	43	11.387	11.381	(0.945)	750335	15.0000	16
59 Dibromochloromethane	129	11.595	11.595	(0.963)	1165647	15.0000	17
60 1,2-Dibromoethane	107	11.724	11.718	(0.973)	921469	15.0000	16
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	1531169	10.0000	
84 Nonane	57	12.039	12.039	(1.000)	886490	15.0000	15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 Chlorobenzene	112	12.066	12.066	(1.002)	1459865	15.0000	15
63 Ethylbenzene	91	12.088	12.082	(1.004)	2328033	15.0000	15
64 Xylene (m,p)	106	12.168	12.168	(1.010)	1880931	30.0000	31
65 Xylene (o)	106	12.510	12.505	(1.039)	873409	15.0000	15
66 Styrene	104	12.521	12.521	(1.040)	1401702	15.0000	16
67 Bromoform	173	12.756	12.751	(1.059)	1135305	15.0000	17
68 Cumene	105	12.778	12.777	(1.061)	2678338	15.0000	15
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.085)	1074640	15.0000	15
71 n-Decane	57	13.115	13.114	(1.089)	1108207	15.0000	16
72 n-Propylbenzene	91	13.131	13.131	(1.090)	2960925	15.0000	15
73 1,2,3-Trichloropropane	75	13.152	13.147	(1.092)	927929	15.0000	15
74 4-Ethyltoluene	105	13.216	13.216	(1.097)	2743640	15.0000	14
M 70 Xylene (total)	106				2754340	15.0000	47
75 1,3,5-Trimethylbenzene	105	13.259	13.259	(1.101)	2535276	15.0000	15
76 2-Chlorotoluene	91	13.281	13.280	(1.103)	2139431	15.0000	15
77 a-Methylstyrene	118	13.468	13.462	(1.118)	1141877	15.0000	16
78 Tert-Butylbenzene	119	13.548	13.542	(1.125)	2305068	15.0000	14
79 1,2,4-Trimethylbenzene	105	13.596	13.591	(1.129)	2345624	15.0000	15
80 Sec-Butylbenzene	105	13.730	13.724	(1.140)	3081921	15.0000	14
81 4-Isopropyltoluene	119	13.826	13.826	(1.148)	2982577	15.0000	15
82 1,3-Dichlorobenzene	146	13.928	13.922	(1.156)	1540150	15.0000	15
83 1,4-Dichlorobenzene	146	14.003	14.003	(1.163)	1541438	15.0000	15
86 Benzyl Chloride	91	14.104	14.099	(1.171)	1894294	15.0000	15
85 n-Undecane	57	14.110	14.110	(1.171)	1300606	15.0000	17
87 n-Butylbenzene	91	14.195	14.195	(1.179)	2463786	15.0000	16
88 1,2-Dichlorobenzene	146	14.367	14.361	(1.193)	1464475	15.0000	15
89 n-Dodecane	57	15.148	15.147	(1.258)	1260737	15.0000	19
90 1,2,4-Trichlorobenzene	180	16.036	16.030	(1.331)	1438480	15.0000	18
91 Hexachlorobutadiene	225	16.127	16.121	(1.339)	1317864	15.0000	17
92 Naphthalene	128	16.383	16.378	(1.360)	2978183	15.0000	18
93 1,2,3-Trichlorobenzene	180	16.699	16.699	(1.386)	1328556	15.0000	19

Data File: /chem/F.i/Fsvr.p/fcvto15.b/fcv20v.d
Date : 25-MAR-2009 17:11
Client ID: ASTD020
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: F.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvto15.b/fcv20v.d
Lab Smp Id: ASTD020 Client Smp ID: ASTD020
Inj Date : 25-MAR-2009 17:11
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ASTD020;032509FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvto15.b/sto15.m
Meth Date : 01-Apr-2009 10:37 klp Quant Type: ISTD
Cal Date : 25-MAR-2009 17:11 Cal File: fcv20v.d
Als bottle: 7 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	3.838	3.822	(0.433)	1831209	20.0000	21
2 Freon-22	51	3.881	3.865	(0.437)	806164	20.0000	20
3 1,2-Dichlorotetrafluoroethane	85	4.116	4.106	(0.464)	1674616	20.0000	20
4 Chloromethane	50	4.272	4.261	(0.481)	327809	20.0000	20
5 n-Butane	43	4.491	4.475	(0.506)	611607	20.0000	16
8 Methanol	31	Compound Not Detected.					
6 Vinyl Chloride	62	4.528	4.518	(0.510)	464837	20.0000	20
7 1,3-Butadiene	54	4.603	4.592	(0.519)	327164	20.0000	21
9 Bromomethane	94	5.251	5.240	(0.592)	519579	20.0000	20
10 Chloroethane	64	5.438	5.427	(0.613)	259958	20.0000	20
11 Isopentane	43	5.507	5.491	(0.621)	470566	20.0000	17
12 Bromoethene	106	5.769	5.753	(0.650)	594142	20.0000	21
13 Trichlorofluoromethane	101	5.844	5.828	(0.659)	2015376	20.0000	20
14 Pentane	43	5.941	5.930	(0.670)	727717	20.0000	19
15 Ethyl Ether	59	6.288	6.278	(0.709)	387794	20.0000	22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Acrolein	56	6.561	6.556	(0.740)	151368	20.0000	20
	17 Freon TF	101	6.588	6.582	(0.743)	1137896	20.0000	20
	18 1,1-Dichloroethene	96	6.652	6.636	(0.750)	502471	20.0000	20
	19 Acetone	43	6.759	6.748	(0.762)	699864	20.0000	19
	20 Isopropyl Alcohol	45	6.904	6.893	(0.778)	516632	20.0000	21
	21 Carbon Disulfide	76	6.973	6.962	(0.786)	1388761	20.0000	21
	22 3-Chloropropene	41	7.134	7.123	(0.804)	517247	20.0000	21
	23 Acetonitrile	41	7.182	7.171	(0.809)	212160	20.0000	19
	24 Methylene Chloride	49	7.310	7.299	(0.824)	445141	20.0000	20
	25 tert-Butyl Alcohol	59	7.380	7.369	(0.832)	1033638	20.0000	21
	26 Methyl tert-Butyl Ether	73	7.535	7.529	(0.849)	1833901	20.0000	20
	27 trans-1,2-Dichloroethene	61	7.583	7.572	(0.855)	784945	20.0000	21
	28 n-Hexane	57	7.786	7.775	(0.878)	730830	20.0000	20
	29 1,1-Dichloroethane	63	8.064	8.059	(0.909)	933452	20.0000	21
	30 Methyl Ethyl Ketone	72	8.621	8.615	(0.972)	262010	20.0000	21
	31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.973)	598669	20.0000	20
*	32 Bromochloromethane	128	8.872	8.861	(1.000)	334535	10.0000	
	33 Tetrahydrofuran	42	8.883	8.878	(0.917)	424479	20.0000	21
	34 Chloroform	83	8.899	8.894	(1.003)	1313887	20.0000	20
	35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	1614873	20.0000	20
	36 Cyclohexane	84	9.086	9.081	(0.938)	829890	20.0000	21
	37 Carbon Tetrachloride	117	9.199	9.193	(0.949)	1816010	20.0000	21
	38 2,2,4-Trimethylpentane	57	9.343	9.338	(0.964)	2333618	20.0000	21
	39 Benzene	78	9.391	9.386	(0.969)	1673283	20.0000	21
M	40 1,2-Dichloroethene (total)	61				1383614	40.0000	41
	41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	996301	20.0000	21
	42 n-Heptane	43	9.477	9.471	(0.978)	767225	20.0000	21
*	43 1,4-Difluorobenzene	114	9.691	9.685	(1.000)	1739532	10.0000	
	44 1-Butanol	56	9.782	9.776	(1.009)	278978	20.0000	22
	45 Trichloroethene	95	9.921	9.915	(1.024)	872109	20.0000	20
	46 Methyl Methacrylate	69	10.119	10.113	(1.044)	618977	20.0000	22
	47 1,2-Dichloropropane	63	10.135	10.129	(1.046)	518291	20.0000	21
	48 1,4-Dioxane	88	10.204	10.204	(1.053)	275032	20.0000	22
	49 Dibromomethane	174	10.252	10.247	(1.058)	868748	20.0000	21
	50 Bromodichloromethane	83	10.338	10.333	(1.067)	1486936	20.0000	21
	51 cis-1,3-Dichloropropene	75	10.680	10.680	(1.102)	1054434	20.0000	22
	52 Methyl Isobutyl Ketone	43	10.745	10.745	(1.109)	1027628	20.0000	21
	53 n-Octane	43	10.873	10.868	(1.122)	1059649	20.0000	21
	54 Toluene	92	10.932	10.926	(0.908)	1393142	20.0000	21
	55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.146)	1202445	20.0000	21
	56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	584763	20.0000	21
	57 Tetrachloroethene	166	11.360	11.360	(0.943)	1370971	20.0000	20
	58 Methyl Butyl Ketone	43	11.387	11.381	(0.945)	1023879	20.0000	21
	59 Dibromochloromethane	129	11.595	11.595	(0.963)	1589772	20.0000	22
	60 1,2-Dibromoethane	107	11.724	11.718	(0.973)	1254284	20.0000	21
*	61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	1552481	10.0000	
	84 Nonane	57	12.039	12.039	(1.000)	1227464	20.0000	21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 Chlorobenzene	112	12.066	12.066	(1.002)	1999567	20.0000	21
63 Ethylbenzene	91	12.087	12.082	(1.004)	3214856	20.0000	21
64 Xylene (m,p)	106	12.168	12.168	(1.010)	2591949	40.0000	42
65 Xylene (o)	106	12.505	12.505	(1.038)	1238026	20.0000	21
66 Styrene	104	12.521	12.521	(1.040)	1987357	20.0000	23
67 Bromoform	173	12.756	12.751	(1.059)	1600882	20.0000	23
68 Cumene	105	12.778	12.777	(1.061)	3862061	20.0000	21
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.085)	1558427	20.0000	22
71 n-Decane	57	13.115	13.114	(1.089)	1572178	20.0000	22
72 n-Propylbenzene	91	13.131	13.131	(1.090)	4398281	20.0000	22
73 1,2,3-Trichloropropane	75	13.152	13.147	(1.092)	1341559	20.0000	21
74 4-Ethyltoluene	105	13.216	13.216	(1.097)	4192229	20.0000	22
M 70 Xylene (total)	106				3829975	20.0000	65
75 1,3,5-Trimethylbenzene	105	13.259	13.259	(1.101)	3699776	20.0000	22
76 2-Chlorotoluene	91	13.280	13.280	(1.103)	3158162	20.0000	21
77 a-Methylstyrene	118	13.468	13.462	(1.118)	1761661	20.0000	24
78 Tert-Butylbenzene	119	13.548	13.542	(1.125)	3493911	20.0000	21
79 1,2,4-Trimethylbenzene	105	13.591	13.591	(1.128)	3585747	20.0000	22
80 Sec-Butylbenzene	105	13.730	13.724	(1.140)	4722366	20.0000	22
81 4-Isopropyltoluene	119	13.826	13.826	(1.148)	4468487	20.0000	22
82 1,3-Dichlorobenzene	146	13.928	13.922	(1.156)	2365611	20.0000	22
83 1,4-Dichlorobenzene	146	14.003	14.003	(1.163)	2370977	20.0000	22
86 Benzyl Chloride	91	14.104	14.099	(1.171)	2961927	20.0000	24
85 n-Undecane	57	14.110	14.110	(1.171)	1756140	20.0000	23
87 n-Butylbenzene	91	14.195	14.195	(1.179)	3544935	20.0000	22
88 1,2-Dichlorobenzene	146	14.366	14.361	(1.193)	2262800	20.0000	22
89 n-Dodecane	57	15.147	15.147	(1.258)	1558392	20.0000	23
90 1,2,4-Trichlorobenzene	180	16.030	16.030	(1.331)	1916713	20.0000	24
91 Hexachlorobutadiene	225	16.126	16.121	(1.339)	1722445	20.0000	21
92 Naphthalene	128	16.378	16.378	(1.360)	4009392	20.0000	24
93 1,2,3-Trichlorobenzene	180	16.699	16.699	(1.386)	1743946	20.0000	24

Data File: /chem/F.i/Fsvr.p/fcvto15.b/fcv40v.d
Date : 25-MAR-2009 18:00
Client ID: ASTD040
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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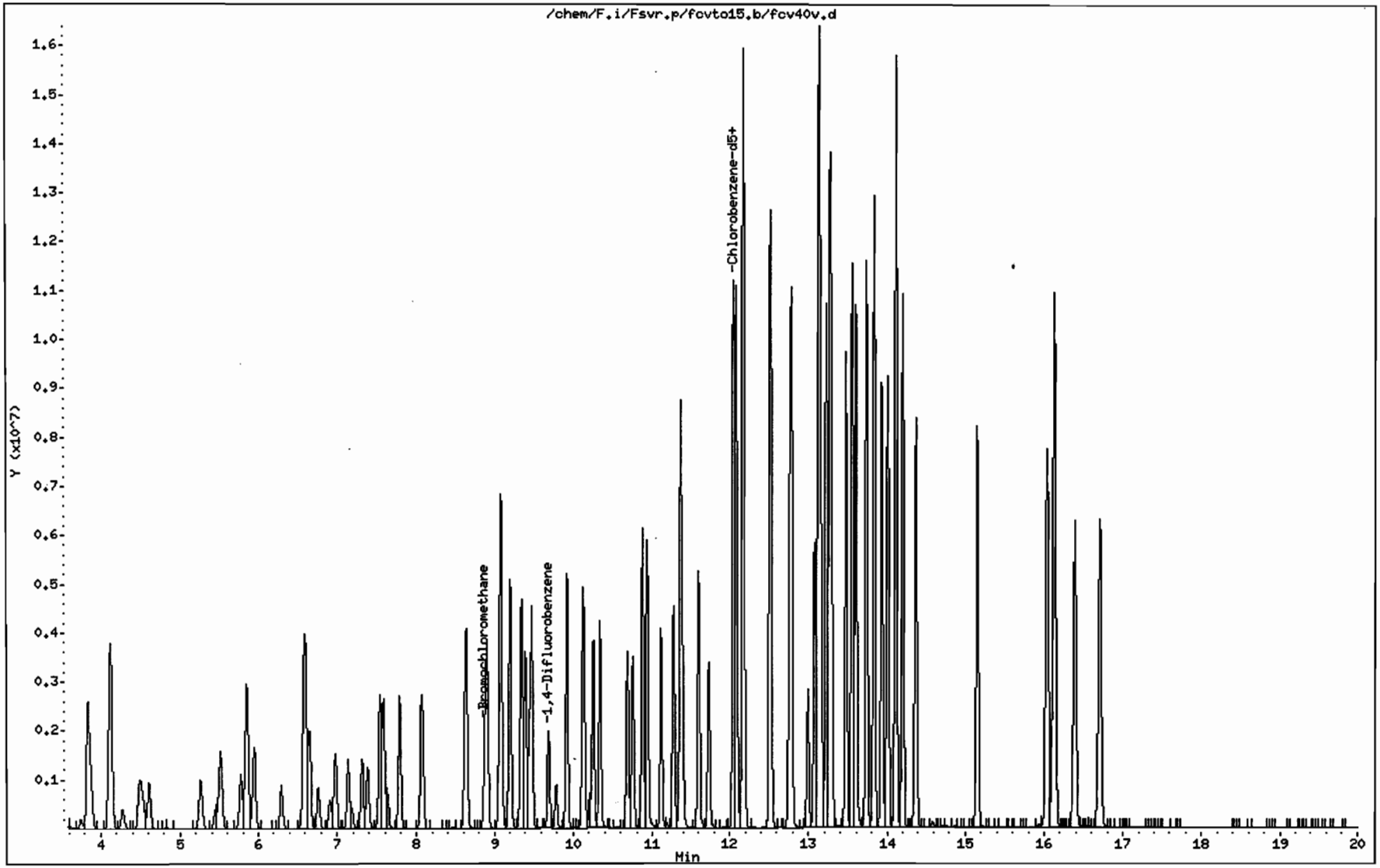
Instrument: F.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvto15.b/fcv40v.d
Lab Smp Id: ASTD040 Client Smp ID: ASTD040
Inj Date : 25-MAR-2009 18:00
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ASTD040;032509FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvto15.b/sto15.m
Meth Date : 01-Apr-2009 10:37 klp Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 8 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	3.838	3.822	(0.433)	3719488	40.0000	42(A)
2 Freon-22	51	3.881	3.865	(0.437)	1634756	40.0000	39
3 1,2-Dichlorotetrafluoroethane	85	4.127	4.106	(0.465)	3404930	40.0000	39
4 Chloromethane	50	4.282	4.261	(0.483)	665403	40.0000	39
5 n-Butane	43	4.496	4.475	(0.507)	1238383	40.0000	32
8 Methanol	31	Compound Not Detected.					
6 Vinyl Chloride	62	4.534	4.518	(0.511)	952674	40.0000	40
7 1,3-Butadiene	54	4.608	4.592	(0.519)	663277	40.0000	40(A)
9 Bromomethane	94	5.256	5.240	(0.592)	1048619	40.0000	40
10 Chloroethane	64	5.448	5.427	(0.614)	527314	40.0000	40
11 Isopentane	43	5.513	5.491	(0.621)	944837	40.0000	34
12 Bromoethene	106	5.775	5.753	(0.651)	1186646	40.0000	40
13 Trichlorofluoromethane	101	5.850	5.828	(0.659)	4030349	40.0000	39
14 Pentane	43	5.946	5.930	(0.670)	1447124	40.0000	37
15 Ethyl Ether	59	6.294	6.278	(0.709)	732750	40.0000	41(A)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
16 Acrolein	56	6.566	6.556	(0.740)	321983	40.0000	42(A)
17 Freon TF	101	6.593	6.582	(0.743)	2354917	40.0000	41(A)
18 1,1-Dichloroethene	96	6.657	6.636	(0.750)	1043350	40.0000	41(A)
19 Acetone	43	6.764	6.748	(0.762)	1416062	40.0000	37
20 Isopropyl Alcohol	45	6.909	6.893	(0.779)	969247	40.0000	39
21 Carbon Disulfide	76	6.978	6.962	(0.787)	2891430	40.0000	42(A)
22 3-Chloropropene	41	7.139	7.123	(0.805)	1081355	40.0000	43(A)
23 Acetonitrile	41	7.182	7.171	(0.809)	444823	40.0000	39
24 Methylene Chloride	49	7.315	7.299	(0.825)	920102	40.0000	39
25 tert-Butyl Alcohol	59	7.385	7.369	(0.832)	1959498	40.0000	38
26 Methyl tert-Butyl Ether	73	7.540	7.529	(0.850)	3790614	40.0000	41(A)
27 trans-1,2-Dichloroethene	61	7.588	7.572	(0.855)	1613979	40.0000	41(A)
28 n-Hexane	57	7.792	7.775	(0.878)	1495184	40.0000	41(A)
29 1,1-Dichloroethane	63	8.070	8.059	(0.910)	1923042	40.0000	41(A)
30 Methyl Ethyl Ketone	72	8.626	8.615	(0.972)	540510	40.0000	42(A)
31 cis-1,2-Dichloroethene	96	8.642	8.631	(0.974)	1233851	40.0000	41(A)
* 32 Bromochloromethane	128	8.872	8.861	(1.000)	345251	10.0000	(Q)
33 Tetrahydrofuran	42	8.888	8.878	(0.917)	856838	40.0000	41(A)
34 Chloroform	83	8.910	8.894	(1.004)	2663946	40.0000	40(A)
35 1,1,1-Trichloroethane	97	9.075	9.065	(0.936)	3315965	40.0000	41(A)
36 Cyclohexane	84	9.086	9.081	(0.938)	1719690	40.0000	42(A)
37 Carbon Tetrachloride	117	9.204	9.193	(0.950)	3674730	40.0000	42(A)
38 2,2,4-Trimethylpentane	57	9.348	9.338	(0.965)	4801164	40.0000	42(A)
39 Benzene	78	9.396	9.386	(0.970)	3453401	40.0000	41(A)
M 40 1,2-Dichloroethene (total)	61				2847830	80.0000	82
41 1,2-Dichloroethane	62	9.450	9.439	(0.975)	2016654	40.0000	41(A)
42 n-Heptane	43	9.482	9.471	(0.978)	1573417	40.0000	42(A)
* 43 1,4-Difluorobenzene	114	9.691	9.685	(1.000)	1776186	10.0000	
44 1-Butanol	56	9.787	9.776	(1.010)	545242	40.0000	42(A)
45 Trichloroethene	95	9.921	9.915	(1.024)	1785155	40.0000	41(A)
46 Methyl Methacrylate	69	10.124	10.113	(1.045)	1277104	40.0000	44(A)
47 1,2-Dichloropropane	63	10.140	10.129	(1.046)	1073351	40.0000	43(A)
48 1,4-Dioxane	88	10.210	10.204	(1.054)	493837	40.0000	39
49 Dibromomethane	174	10.258	10.247	(1.059)	1798460	40.0000	43(A)
50 Bromodichloromethane	83	10.338	10.333	(1.067)	3049673	40.0000	43(A)
51 cis-1,3-Dichloropropene	75	10.686	10.680	(1.103)	2189557	40.0000	44(A)
52 Methyl Isobutyl Ketone	43	10.750	10.745	(1.109)	2117205	40.0000	43(A)
53 n-Octane	43	10.878	10.868	(1.123)	2191805	40.0000	43(A)
54 Toluene	92	10.932	10.926	(0.908)	2892826	40.0000	40(A)
55 trans-1,3-Dichloropropene	75	11.114	11.108	(1.147)	2472399	40.0000	43(A)
56 1,1,2-Trichloroethane	83	11.274	11.269	(0.936)	1198998	40.0000	41(A)
57 Tetrachloroethene	166	11.365	11.360	(0.944)	2864538	40.0000	40
58 Methyl Butyl Ketone	43	11.392	11.381	(0.946)	2108384	40.0000	41(A)
59 Dibromochloromethane	129	11.600	11.595	(0.963)	3285705	40.0000	44(A)
60 1,2-Dibromoethane	107	11.729	11.718	(0.974)	2585818	40.0000	42(A)
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	1634646	10.0000	
84 Nonane	57	12.045	12.039	(1.000)	2535750	40.0000	41(A)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 Chlorobenzene	112	12.071	12.066	(1.002)	4162520	40.0000	41(A)
63 Ethylbenzene	91	12.087	12.082	(1.004)	6605877	40.0000	41(A)
64 Xylene (m,p)	106	12.173	12.168	(1.011)	5382072	80.0000	82(A)
65 Xylene (o)	106	12.510	12.505	(1.039)	2569929	40.0000	41(A)
66 Styrene	104	12.526	12.521	(1.040)	4136200	40.0000	45(A)
67 Bromoform	173	12.756	12.751	(1.059)	3337368	40.0000	46(A)
68 Cumene	105	12.783	12.777	(1.061)	7852578	40.0000	41(A)
69 1,1,2,2-Tetrachloroethane	83	13.077	13.072	(1.086)	3155947	40.0000	42(A)
71 n-Decane	57	13.120	13.114	(1.089)	3208132	40.0000	43(A)
72 n-Propylbenzene	91	13.136	13.131	(1.091)	8868169	40.0000	41(A)
73 1,2,3-Trichloropropane	75	13.157	13.147	(1.092)	2717944	40.0000	41(A)
74 4-Ethyltoluene	105	13.221	13.216	(1.098)	8550705	40.0000	42(A)
M 70 Xylene (total)	106				7952001	40.0000	130(A)
75 1,3,5-Trimethylbenzene	105	13.264	13.259	(1.101)	7593652	40.0000	42(A)
76 2-Chlorotoluene	91	13.286	13.280	(1.103)	6406617	40.0000	41(A)
77 a-Methylstyrene	118	13.468	13.462	(1.118)	3629344	40.0000	47(A)
78 Tert-Butylbenzene	119	13.553	13.542	(1.125)	7174999	40.0000	42(A)
79 1,2,4-Trimethylbenzene	105	13.596	13.591	(1.129)	7271965	40.0000	43(A)
80 Sec-Butylbenzene	105	13.735	13.724	(1.140)	9590050	40.0000	42(A)
81 4-Isopropyltoluene	119	13.831	13.826	(1.148)	9105357	40.0000	43(A)
82 1,3-Dichlorobenzene	146	13.933	13.922	(1.157)	4838093	40.0000	43(A)
83 1,4-Dichlorobenzene	146	14.008	14.003	(1.163)	4856071	40.0000	43(A)
86 Benzyl Chloride	91	14.110	14.099	(1.171)	6063962	40.0000	46(A)
85 n-Undecane	57	14.115	14.110	(1.172)	3544647	40.0000	44(A)
87 n-Butylbenzene	91	14.200	14.195	(1.179)	7218650	40.0000	44(A)
88 1,2-Dichlorobenzene	146	14.372	14.361	(1.193)	4585953	40.0000	43(A)
89 n-Dodecane	57	15.153	15.147	(1.258)	3142161	40.0000	44(A)
90 1,2,4-Trichlorobenzene	180	16.035	16.030	(1.331)	3899904	40.0000	46(A)
91 Hexachlorobutadiene	225	16.126	16.121	(1.339)	3416294	40.0000	40(A)
92 Naphthalene	128	16.383	16.378	(1.360)	8209703	40.0000	48(A)
93 1,2,3-Trichlorobenzene	180	16.704	16.699	(1.387)	3458359	40.0000	46(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fcvto15.b/fcv10q.d
Date : 25-MAR-2009 19:39
Client ID: ICV032509FA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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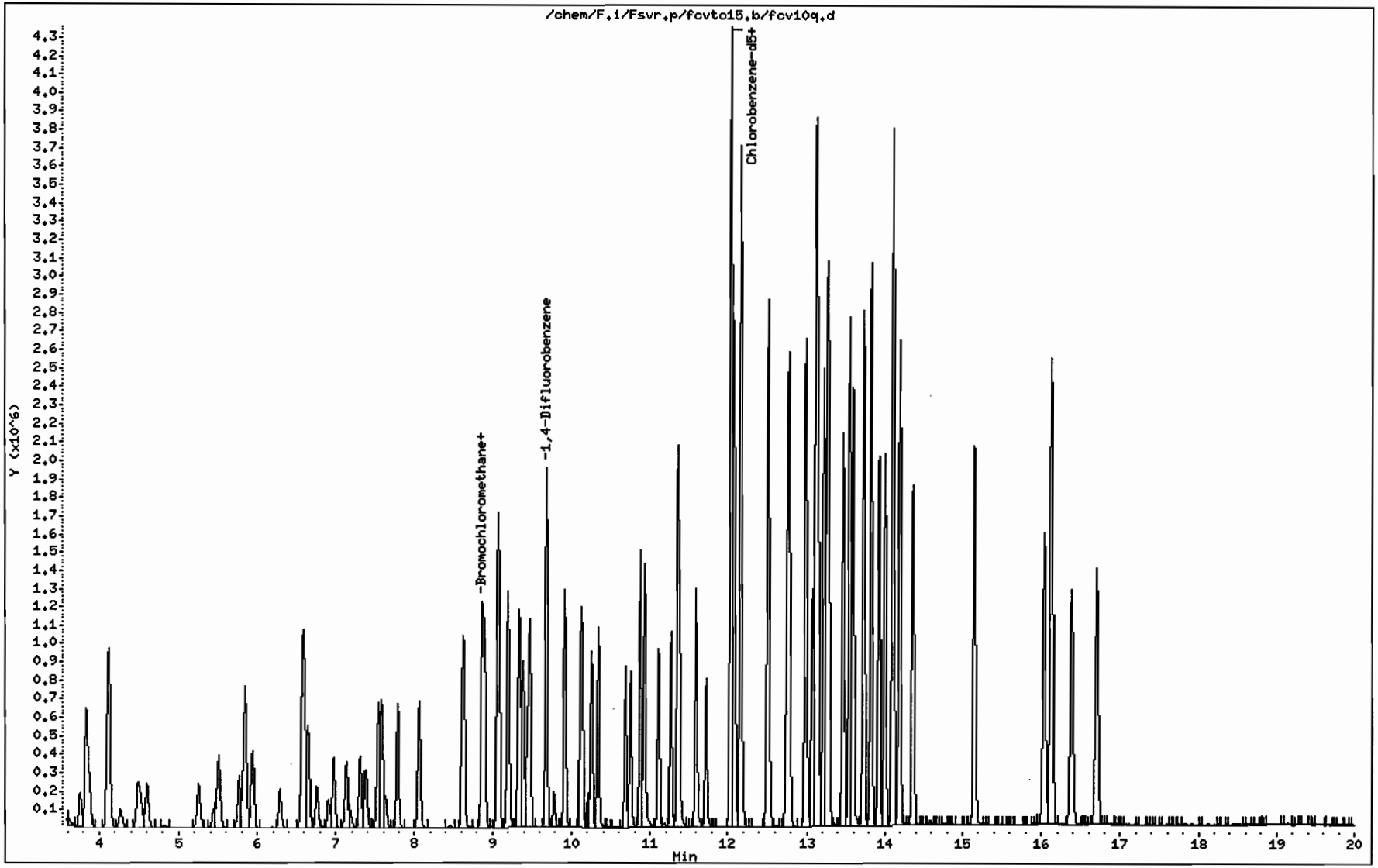
Instrument: F.i

Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvto15.b/fcv10q.d
Lab Smp Id: ICV032509FA Client Smp ID: ICV032509FA
Inj Date : 25-MAR-2009 19:39
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ICV;032509FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvto15.b/sto15.m
Meth Date : 01-Apr-2009 10:37 klp Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 5 QC Sample: METHSPIKE
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	3.833	3.822	(0.432)	943376	11.1367	11
2 Freon-22	51	3.881	3.865	(0.438)	415828	10.3685	10
3 1,2-Dichlorotetrafluoroethane	85	4.122	4.106	(0.465)	874369	10.5965	11
4 Chloromethane	50	4.277	4.261	(0.482)	167840	10.4072	10
5 n-Butane	43	4.491	4.475	(0.506)	308347	8.23468	8.2
8 Methanol	31	Compound Not Detected.					
6 Vinyl Chloride	62	4.534	4.518	(0.511)	239618	10.4376	10
7 1,3-Butadiene	54	4.608	4.592	(0.520)	170644	10.9103	11
9 Bromomethane	94	5.250	5.240	(0.592)	258026	10.2531	10
10 Chloroethane	64	5.438	5.427	(0.613)	130407	10.3415	10
11 Isopentane	43	5.507	5.491	(0.621)	236966	8.94077	8.9
12 Bromoethene	106	5.769	5.753	(0.651)	303097	10.6979	11
13 Trichlorofluoromethane	101	5.844	5.828	(0.659)	1026325	10.3445	10
14 Pentane	43	5.941	5.930	(0.670)	359488	9.70849	9.7
15 Ethyl Ether	59	6.294	6.278	(0.710)	174742	10.1496	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	16 Acrolein	56	6.566	6.556	(0.741)	68746	9.31038	9.3
	17 Freon TF	101	6.588	6.582	(0.743)	647306	11.7900	12
	18 1,1-Dichloroethene	96	6.652	6.636	(0.750)	284157	11.5647	12
	19 Acetone	43	6.759	6.748	(0.762)	382092	10.4884	10
	20 Isopropyl Alcohol	45	6.909	6.893	(0.779)	241954	10.1812	10
	21 Carbon Disulfide	76	6.973	6.962	(0.786)	724987	10.9291	11
	22 3-Chloropropene	41	7.128	7.123	(0.804)	271503	11.3439	11
	23 Acetonitrile	41	7.182	7.171	(0.810)	103027	9.36301	9.4(Q)
	24 Methylene Chloride	49	7.305	7.299	(0.824)	245555	11.0225	11
	25 tert-Butyl Alcohol	59	7.374	7.369	(0.832)	499396	10.2260	10
	26 Methyl tert-Butyl Ether	73	7.535	7.529	(0.850)	957688	10.8022	11
	27 trans-1,2-Dichloroethene	61	7.578	7.572	(0.855)	402804	10.8047	11
	28 n-Hexane	57	7.786	7.775	(0.878)	375469	10.6707	11
	29 1,1-Dichloroethane	63	8.064	8.059	(0.909)	484180	10.8890	11
	30 Methyl Ethyl Ketone	72	8.621	8.615	(0.972)	132153	10.6561	11
	31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	319637	11.0274	11
*	32 Bromochloromethane	128	8.867	8.861	(1.000)	329665	10.0000	
	33 Tetrahydrofuran	42	8.883	8.878	(0.917)	212458	10.4970	10
	34 Chloroform	83	8.899	8.894	(1.004)	676575	10.6651	11
	35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	833686	10.6417	11
	36 Cyclohexane	84	9.086	9.081	(0.938)	435063	11.0641	11
	37 Carbon Tetrachloride	117	9.199	9.193	(0.950)	912835	10.6634	11
	38 2,2,4-Trimethylpentane	57	9.343	9.338	(0.965)	1203959	10.9144	11
	39 Benzene	78	9.391	9.386	(0.970)	864357	10.6856	11
M	40 1,2-Dichloroethene (total)	61				722441	21.8321	22
	41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	507688	10.6795	11
	42 n-Heptane	43	9.477	9.471	(0.978)	396367	10.8386	11
*	43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	1725726	10.0000	
	44 1-Butanol	56	9.782	9.776	(1.010)	116543	9.30325	9.3
	45 Trichloroethene	95	9.915	9.915	(1.024)	444367	10.4574	10
	46 Methyl Methacrylate	69	10.119	10.113	(1.045)	308444	10.8951	11
	47 1,2-Dichloropropane	63	10.135	10.129	(1.046)	260567	10.6722	11
	48 1,4-Dioxane	88	10.204	10.204	(1.054)	116434	9.41958	9.4
	49 Dibromomethane	174	10.252	10.247	(1.059)	436319	10.7398	11
	50 Bromodichloromethane	83	10.333	10.333	(1.067)	777872	11.1908	11
	51 cis-1,3-Dichloropropene	75	10.680	10.680	(1.103)	519321	10.6818	11
	52 Methyl Isobutyl Ketone	43	10.745	10.745	(1.109)	517026	10.7974	11
	53 n-Octane	43	10.873	10.868	(1.123)	534785	10.7508	11
	54 Toluene	92	10.926	10.926	(0.907)	700764	10.4036	10
	55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.147)	592905	10.6695	11
	56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	281471	10.1110	10
	57 Tetrachloroethene	166	11.360	11.360	(0.943)	677971	10.0193	10
	58 Methyl Butyl Ketone	43	11.387	11.381	(0.945)	511067	10.6559	11
	59 Dibromochloromethane	129	11.595	11.595	(0.963)	804632	11.4446	11
	60 1,2-Dibromoethane	107	11.724	11.718	(0.973)	619129	10.5996	11
*	61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	1540682	10.0000	
	84 Nonane	57	12.039	12.039	(1.000)	601736	10.3436	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
62 Chlorobenzene	112	12.066	12.066	(1.002)	973594	10.1677	10
63 Ethylbenzene	91	12.082	12.082	(1.003)	1595975	10.4287	10
64 Xylene (m,p)	106	12.168	12.168	(1.010)	1255779	20.3384	20
65 Xylene (o)	106	12.510	12.505	(1.039)	590264	10.0393	10
66 Styrene	104	12.521	12.521	(1.040)	939327	10.8067	11
67 Bromoform	173	12.756	12.751	(1.059)	774595	11.2925	11
68 Cumene	105	12.777	12.777	(1.061)	1856934	10.3938	10
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.085)	711642	9.97018	10
71 n-Decane	57	13.114	13.114	(1.089)	774349	10.9743	11
72 n-Propylbenzene	91	13.131	13.131	(1.090)	2085247	10.3435	10
73 1,2,3-Trichloropropane	75	13.152	13.147	(1.092)	636863	10.1454	10
74 4-Ethyltoluene	105	13.216	13.216	(1.097)	1967865	10.2806	10
M 70 Xylene (total)	106				1846043	31.3979	31
75 1,3,5-Trimethylbenzene	105	13.259	13.259	(1.101)	1746508	10.2991	10
76 2-Chlorotoluene	91	13.280	13.280	(1.103)	1515558	10.2931	10
77 a-Methylstyrene	118	13.468	13.462	(1.118)	794306	10.9566	11
78 Tert-Butylbenzene	119	13.548	13.542	(1.125)	1676944	10.3065	10
79 1,2,4-Trimethylbenzene	105	13.596	13.591	(1.129)	1635266	10.1552	10
80 Sec-Butylbenzene	105	13.730	13.724	(1.140)	2271397	10.4661	10
81 4-Isopropyltoluene	119	13.826	13.826	(1.148)	2175960	10.8451	11
82 1,3-Dichlorobenzene	146	13.928	13.922	(1.156)	1052912	9.89406	9.9
83 1,4-Dichlorobenzene	146	14.003	14.003	(1.163)	1063376	10.0352	10
86 Benzyl Chloride	91	14.104	14.099	(1.171)	1345030	10.7888	11
85 n-Undecane	57	14.110	14.110	(1.171)	882730	11.5079	12
87 n-Butylbenzene	91	14.195	14.195	(1.179)	1741666	11.1367	11
88 1,2-Dichlorobenzene	146	14.366	14.361	(1.193)	998854	9.84515	9.8
89 n-Dodecane	57	15.147	15.147	(1.258)	814347	12.0928	12
90 1,2,4-Trichlorobenzene	180	16.035	16.030	(1.331)	815236	10.1156	10
91 Hexachlorobutadiene	225	16.126	16.121	(1.339)	787096	9.87194	9.9
92 Naphthalene	128	16.383	16.378	(1.360)	1694101	10.4168	10
93 1,2,3-Trichlorobenzene	180	16.699	16.699	(1.386)	763981	10.7293	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

TestAmerica Burlington

RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: ICV032509FA
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: all.sub
Method File: /chem/F.i/Fsvr.p/fcvto15.b/sto15.m
Misc Info: ICV;032509FA;1;200

Client SDG: fcvto15
Fraction: VOA
Client Smp ID: ICV032509FA
Operator: wrd
SampleType: METHSPIKE
Quant Type: ISTD

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1	Dichlorodifluorome	10	11	111.37	70-130
2	Freon-22	10	10	103.68	70-130
3	1,2-Dichlorotetraf	10	11	105.96	70-130
4	Chloromethane	10	10	104.07	70-130
5	n-Butane	10	8.2	82.35	70-130
6	Vinyl Chloride	10	10	104.38	70-130
7	1,3-Butadiene	10	11	109.10	70-130
8	Methanol	10	0.0	*	70-130
9	Bromomethane	10	10	102.53	70-130
10	Chloroethane	10	10	103.41	70-130
11	Isopentane	10	8.9	89.41	70-130
12	Bromoethene	10	11	106.98	70-130
13	Trichlorofluoromet	10	10	103.44	70-130
14	Pentane	10	9.7	97.08	70-130
15	Ethyl Ether	10	10	101.50	70-130
16	Acrolein	10	9.3	93.10	70-130
17	Freon TF	10	12	117.90	70-130
18	1,1-Dichloroethene	10	12	115.65	70-130
19	Acetone	10	10	104.88	70-130
20	Isopropyl Alcohol	10	10	101.81	70-130
21	Carbon Disulfide	10	11	109.29	70-130
22	3-Chloropropene	10	11	113.44	70-130
23	Acetonitrile	10	9.4	93.63	70-130
24	Methylene Chloride	10	11	110.23	70-130
25	tert-Butyl Alcohol	10	10	102.26	70-130
26	Methyl tert-Butyl	10	11	108.02	70-130
27	trans-1,2-Dichloro	10	11	108.05	70-130
28	n-Hexane	10	11	106.71	70-130
29	1,1-Dichloroethane	10	11	108.89	70-130
30	Methyl Ethyl Keton	10	11	106.56	70-130
31	cis-1,2-Dichloroet	10	11	110.27	70-130
33	Tetrahydrofuran	10	10	104.97	70-130
34	Chloroform	10	11	106.65	70-130

	SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	35 1,1,1-Trichloroeth	10	11	106.42	70-130
	36 Cyclohexane	10	11	110.64	70-130
	37 Carbon Tetrachlori	10	11	106.63	70-130
	38 2,2,4-Trimethylpen	10	11	109.14	70-130
	39 Benzene	10	11	106.86	70-130
M	40 1,2-Dichloroethene	20	22	110.00	70-130
	41 1,2-Dichloroethane	10	11	106.79	70-130
	42 n-Heptane	10	11	108.39	70-130
	44 1-Butanol	10	9.3	93.03	70-130
	45 Trichloroethene	10	10	104.57	70-130
	46 Methyl Methacrylat	10	11	108.95	70-130
	47 1,2-Dichloropropan	10	11	106.72	70-130
	48 1,4-Dioxane	10	9.4	94.20	70-130
	49 Dibromomethane	10	11	107.40	70-130
	50 Bromodichlorometha	10	11	111.91	70-130
	51 cis-1,3-Dichloropr	10	11	106.82	70-130
	52 Methyl Isobutyl Ke	10	11	107.97	70-130
	53 n-Octane	10	11	107.51	70-130
	54 Toluene	10	10	104.04	70-130
	55 trans-1,3-Dichloro	10	11	106.70	70-130
	56 1,1,2-Trichloroeth	10	10	101.11	70-130
	57 Tetrachloroethene	10	10	100.19	70-130
	58 Methyl Butyl Keton	10	11	106.56	70-130
	59 Dibromochlorometha	10	11	114.45	70-130
	60 1,2-Dibromoethane	10	11	106.00	70-130
	62 Chlorobenzene	10	10	101.68	70-130
	63 Ethylbenzene	10	10	104.29	70-130
	64 Xylene (m,p)	20	20	101.69	70-130
	65 Xylene (o)	10	10	100.39	70-130
	66 Styrene	10	11	108.07	70-130
	67 Bromoform	10	11	112.93	70-130
	68 Cumene	10	10	103.94	70-130
	69 1,1,2,2-Tetrachlor	10	10	99.70	70-130
M	70 Xylene (total)	30	31	104.66	70-130
	71 n-Decane	10	11	109.74	70-130
	72 n-Propylbenzene	10	10	103.43	70-130
	73 1,2,3-Trichloropro	10	10	101.45	70-130
	74 4-Ethyltoluene	10	10	102.81	70-130
	75 1,3,5-Trimethylben	10	10	102.99	70-130
	76 2-Chlorotoluene	10	10	102.93	70-130
	77 a-Methylstyrene	10	11	109.57	70-130
	78 Tert-Butylbenzene	10	10	103.07	70-130
	79 1,2,4-Trimethylben	10	10	101.55	70-130
	80 Sec-Butylbenzene	10	10	104.66	70-130
	81 4-Isopropyltoluene	10	11	108.45	70-130
	82 1,3-Dichlorobenzen	10	9.9	98.94	70-130
	83 1,4-Dichlorobenzen	10	10	100.35	70-130

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
84 Nonane	10	10	103.44	70-130
85 n-Undecane	10	12	115.08	70-130
86 Benzyl Chloride	10	11	107.89	70-130
87 n-Butylbenzene	10	11	111.37	70-130
88 1,2-Dichlorobenzen	10	9.8	98.45	70-130
89 n-Dodecane	10	12	120.93	70-130
90 1,2,4-Trichloroben	10	10	101.16	70-130
91 Hexachlorobutadien	10	9.9	98.72	70-130
92 Naphthalene	10	10	104.17	70-130
93 1,2,3-Trichloroben	10	11	107.29	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Instrument ID: F Calibration Date: 04/01/09 Time: 1648

Lab File ID: FCV10GV Init. Calib. Date(s): 03/25/09 03/25/09

Heated Purge: (Y/N) N Init. Calib. Times: 1302 1800

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Chloromethane	0.489	0.470	0.01	3.9	30.0
Vinyl Chloride	0.696	0.668	0.01	4.0	30.0
Bromomethane	0.763	0.799	0.01	4.7	30.0
Chloroethane	0.382	0.385	0.01	0.8	30.0
1,1-Dichloroethene	0.745	0.723	0.01	3.0	30.0
Acetone	1.105	1.009	0.01	8.7	30.0
Carbon Disulfide	2.012	2.098	0.01	4.3	30.0
Methylene Chloride	0.676	0.595	0.01	12.0	30.0
trans-1,2-Dichloroethene	1.131	1.065	0.01	5.8	30.0
1,1-Dichloroethane	1.349	1.259	0.1	6.7	30.0
Methyl Ethyl Ketone	0.376	0.358	0.01	4.8	30.0
cis-1,2-Dichloroethene	0.879	0.857	0.01	2.5	30.0
Chloroform	1.924	1.834	0.01	4.7	30.0
1,1,1-Trichloroethane	0.454	0.438	0.01	3.5	30.0
Carbon Tetrachloride	0.496	0.485	0.01	2.2	30.0
Benzene	0.469	0.458	0.01	2.3	30.0
1,2-Dichloroethane	0.276	0.262	0.01	5.1	30.0
Trichloroethene	0.246	0.238	0.01	3.2	30.0
1,2-Dichloropropane	0.141	0.139	0.01	1.4	30.0
Bromodichloromethane	0.403	0.398	0.01	1.2	30.0
cis-1,3-Dichloropropene	0.282	0.281	0.01	0.4	30.0
Methyl Isobutyl Ketone	0.277	0.261	0.01	5.8	30.0
Toluene	0.437	0.433	0.01	0.9	30.0
trans-1,3-Dichloropropene	0.322	0.316	0.01	1.9	30.0
1,1,2-Trichloroethane	0.180	0.180	0.01	0.0	30.0
Tetrachloroethene	0.439	0.430	0.01	2.0	30.0
Methyl Butyl Ketone	0.311	0.282	0.01	9.3	30.0
Dibromochloromethane	0.456	0.473	0.01	3.7	30.0
Chlorobenzene	0.622	0.610	0.3	1.9	30.0
Ethylbenzene	0.993	0.969	0.01	2.4	30.0
Xylene (m,p)	0.401	0.386	0.01	3.7	30.0
Xylene (o)	0.382	0.369	0.01	3.4	30.0
Styrene	0.564	0.558	0.01	1.1	30.0
Bromoform	0.445	0.462	0.01	3.8	30.0
1,1,2,2-Tetrachloroethane	0.464	0.438	0.01	5.6	30.0

FORM VII VOA

Data File: /chem/F.i/Fsvr.p/fcvgto15.b/fcv10gv.d
Date : 01-APR-2009 16:48
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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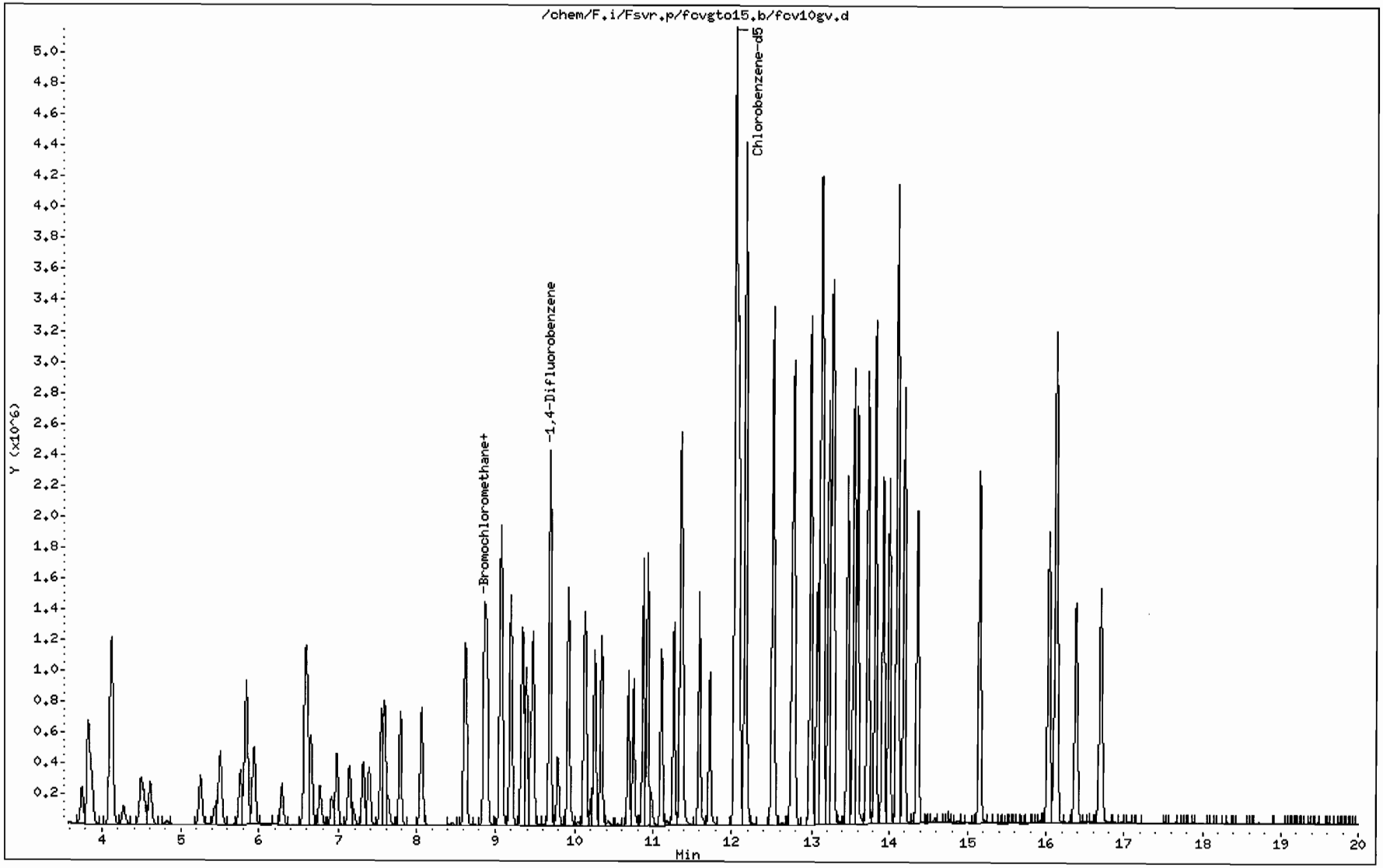
Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvgto15.b/fcv10gv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 01-APR-2009 16:48
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD010;040109FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvgto15.b/sto15.m
Meth Date : 14-Apr-2009 20:29 jdl Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 5 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	4.277	4.261	(0.482)	199361	10.0000	9.6
6 Vinyl Chloride	62	4.534	4.518	(0.511)	283377	10.0000	9.6
9 Bromomethane	94	5.250	5.240	(0.592)	338880	10.0000	10
10 Chloroethane	64	5.443	5.427	(0.614)	163377	10.0000	10
18 1,1-Dichloroethene	96	6.652	6.636	(0.750)	306561	10.0000	9.7
19 Acetone	43	6.764	6.748	(0.763)	427747	10.0000	9.1
21 Carbon Disulfide	76	6.968	6.962	(0.786)	889393	10.0000	10
24 Methylene Chloride	49	7.305	7.299	(0.824)	252156	10.0000	8.8
27 trans-1,2-Dichloroethene	61	7.578	7.572	(0.855)	451418	10.0000	9.4
29 1,1-Dichloroethane	63	8.064	8.059	(0.909)	533902	10.0000	9.3
30 Methyl Ethyl Ketone	72	8.621	8.615	(0.972)	152050	10.0000	9.5(Q)
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	363299	10.0000	9.7
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	424025	10.0000	
34 Chloroform	83	8.899	8.894	(1.004)	777803	10.0000	9.5
35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	955718	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	9.199	9.193	(0.950)	1058951	10.0000	9.8
39 Benzene	78	9.391	9.386	(0.970)	999267	10.0000	9.8
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	572113	10.0000	9.5
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2183648	10.0000	
45 Trichloroethene	95	9.915	9.915	(1.024)	520199	10.0000	9.7
47 1,2-Dichloropropane	63	10.135	10.129	(1.046)	303351	10.0000	9.8
50 Bromodichloromethane	83	10.333	10.333	(1.067)	869047	10.0000	9.9
51 cis-1,3-Dichloropropene	75	10.680	10.680	(1.103)	612943	10.0000	10
52 Methyl Isobutyl Ketone	43	10.745	10.745	(1.109)	569533	10.0000	9.4
54 Toluene	92	10.926	10.926	(0.908)	861523	10.0000	9.9
55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.147)	691188	10.0000	9.8
56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	357332	10.0000	9.9
57 Tetrachloroethene	166	11.360	11.360	(0.944)	855904	10.0000	9.8
58 Methyl Butyl Ketone	43	11.387	11.381	(0.946)	561319	10.0000	9.1
59 Dibromochloromethane	129	11.595	11.595	(0.963)	941315	10.0000	10
* 61 Chlorobenzene-d5	117	12.039	12.039	(1.000)	1988429	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	1212937	10.0000	9.8
63 Ethylbenzene	91	12.082	12.082	(1.004)	1926391	10.0000	9.8
64 Xylene (m,p)	106	12.168	12.168	(1.011)	1536702	20.0000	19
65 Xylene (o)	106	12.505	12.505	(1.039)	734062	10.0000	9.7
66 Styrene	104	12.521	12.521	(1.040)	1109880	10.0000	9.9
67 Bromoform	173	12.756	12.751	(1.060)	919276	10.0000	10
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.086)	870427	10.0000	9.4

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.: 130896

Instrument ID: F Calibration Date: 04/02/09 Time: 1608

Lab File ID: FCV10HV Init. Calib. Date(s): 03/25/09 03/25/09

Heated Purge: (Y/N) N Init. Calib. Times: 1302 1800

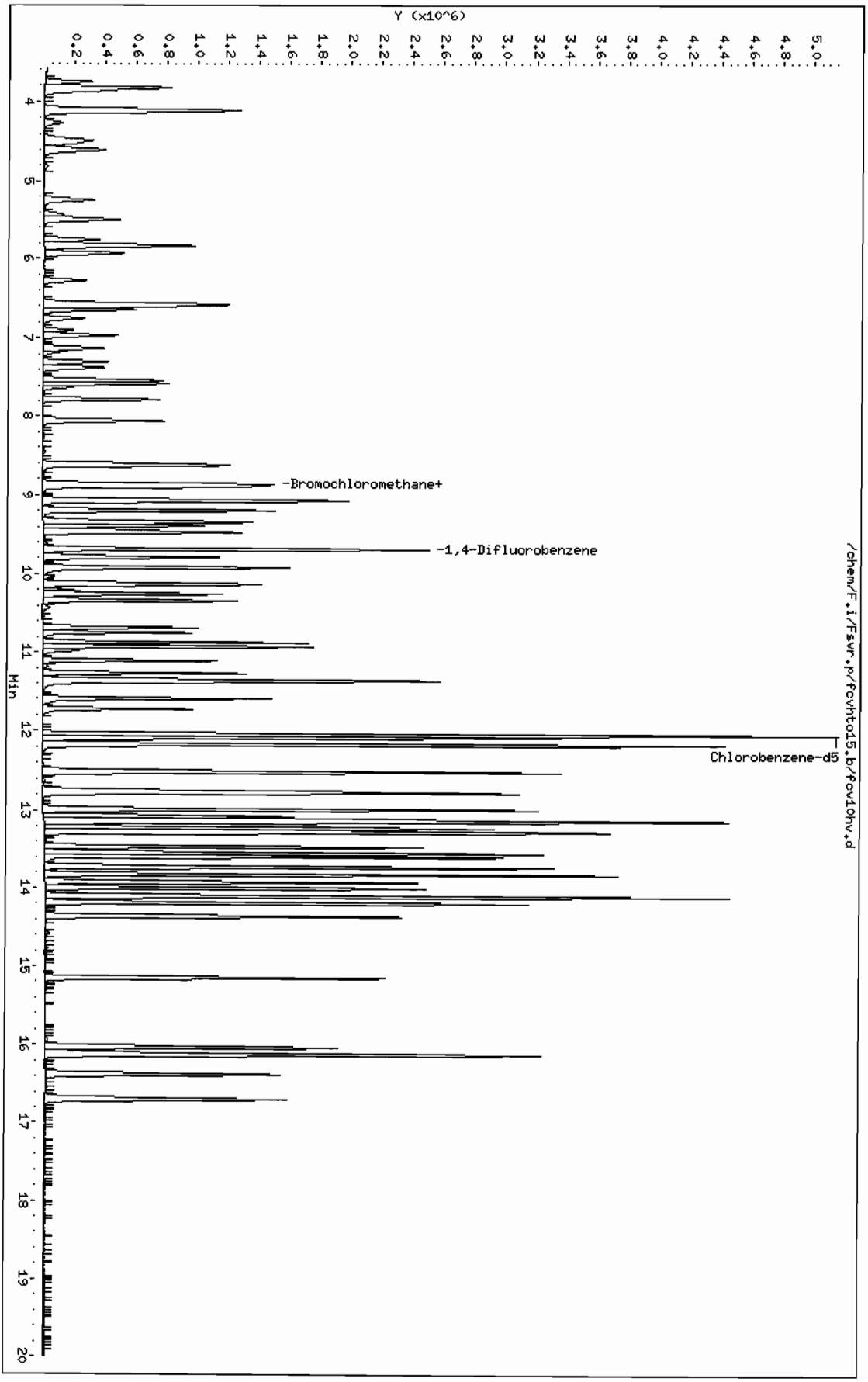
GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Chloromethane	0.489	0.468	0.01	4.3	30.0
Vinyl Chloride	0.696	0.680	0.01	2.3	30.0
Bromomethane	0.763	0.804	0.01	5.4	30.0
Chloroethane	0.382	0.383	0.01	0.3	30.0
1,1-Dichloroethene	0.745	0.733	0.01	1.6	30.0
Acetone	1.105	1.052	0.01	4.8	30.0
Carbon Disulfide	2.012	2.129	0.01	5.8	30.0
Methylene Chloride	0.676	0.595	0.01	12.0	30.0
trans-1,2-Dichloroethene	1.131	1.051	0.01	7.1	30.0
1,1-Dichloroethane	1.349	1.263	0.1	6.4	30.0
Methyl Ethyl Ketone	0.376	0.365	0.01	2.9	30.0
cis-1,2-Dichloroethene	0.879	0.867	0.01	1.4	30.0
Chloroform	1.924	1.834	0.01	4.7	30.0
1,1,1-Trichloroethane	0.454	0.432	0.01	4.8	30.0
Carbon Tetrachloride	0.496	0.474	0.01	4.4	30.0
Benzene	0.469	0.449	0.01	4.3	30.0
1,2-Dichloroethane	0.276	0.246	0.01	10.9	30.0
Trichloroethene	0.246	0.234	0.01	4.9	30.0
1,2-Dichloropropane	0.141	0.137	0.01	2.8	30.0
Bromodichloromethane	0.403	0.390	0.01	3.2	30.0
cis-1,3-Dichloropropene	0.282	0.274	0.01	2.8	30.0
Methyl Isobutyl Ketone	0.277	0.253	0.01	8.7	30.0
Toluene	0.437	0.436	0.01	0.2	30.0
trans-1,3-Dichloropropene	0.322	0.305	0.01	5.3	30.0
1,1,2-Trichloroethane	0.180	0.180	0.01	0.0	30.0
Tetrachloroethene	0.439	0.445	0.01	1.4	30.0
Methyl Butyl Ketone	0.311	0.285	0.01	8.4	30.0
Dibromochloromethane	0.456	0.475	0.01	4.2	30.0
Chlorobenzene	0.622	0.611	0.3	1.8	30.0
Ethylbenzene	0.993	0.975	0.01	1.8	30.0
Xylene (m,p)	0.401	0.392	0.01	2.2	30.0
Xylene (o)	0.382	0.369	0.01	3.4	30.0
Styrene	0.564	0.564	0.01	0.0	30.0
Bromoform	0.445	0.462	0.01	3.8	30.0
1,1,2,2-Tetrachloroethane	0.464	0.452	0.01	2.6	30.0

FORM VII VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/fcv10hv.d
Date : 02-APR-2009 16:08
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: F.i
Operator: wrd
Column diameter: 0.32



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TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/fcv10hv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 02-APR-2009 16:08
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ASTD010;040209FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 2 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	4.266	4.261	(0.481)	204917	10.0000	9.6
6 Vinyl Chloride	62	4.528	4.518	(0.511)	297711	10.0000	9.8
9 Bromomethane	94	5.240	5.240	(0.591)	351864	10.0000	11
10 Chloroethane	64	5.438	5.427	(0.613)	167866	10.0000	10
18 1,1-Dichloroethene	96	6.647	6.636	(0.750)	321008	10.0000	9.8
19 Acetone	43	6.754	6.748	(0.762)	460757	10.0000	9.5
21 Carbon Disulfide	76	6.968	6.962	(0.786)	931932	10.0000	11
24 Methylene Chloride	49	7.299	7.299	(0.823)	260391	10.0000	8.8
27 trans-1,2-Dichloroethene	61	7.572	7.572	(0.854)	460016	10.0000	9.3
29 1,1-Dichloroethane	63	8.059	8.059	(0.909)	553053	10.0000	9.4
30 Methyl Ethyl Ketone	72	8.616	8.615	(0.972)	159907	10.0000	9.7(Q)
31 cis-1,2-Dichloroethene	96	8.632	8.631	(0.973)	379465	10.0000	9.9
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	437766	10.0000	
34 Chloroform	83	8.899	8.894	(1.004)	803048	10.0000	9.5
35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	989326	10.0000	9.5

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
37 Carbon Tetrachloride	117	9.199	9.193	(0.950)	1084067	10.0000	9.6
39 Benzene	78	9.391	9.386	(0.970)	1026265	10.0000	9.6
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	563445	10.0000	8.9
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2287374	10.0000	
45 Trichloroethene	95	9.915	9.915	(1.024)	536267	10.0000	9.5
47 1,2-Dichloropropane	63	10.135	10.129	(1.046)	313395	10.0000	9.7
50 Bromodichloromethane	83	10.333	10.333	(1.067)	892069	10.0000	9.7
51 cis-1,3-Dichloropropene	75	10.681	10.680	(1.103)	626689	10.0000	9.7
52 Methyl Isobutyl Ketone	43	10.745	10.745	(1.109)	578158	10.0000	9.1
54 Toluene	92	10.927	10.926	(0.908)	872535	10.0000	10
55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.147)	697353	10.0000	9.5
56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	360356	10.0000	10
57 Tetrachloroethene	166	11.360	11.360	(0.944)	890126	10.0000	10
58 Methyl Butyl Ketone	43	11.387	11.381	(0.946)	570769	10.0000	9.2
59 Dibromochloromethane	129	11.595	11.595	(0.963)	951706	10.0000	10
* 61 Chlorobenzene-d5	117	12.039	12.039	(1.000)	2002057	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	1223980	10.0000	9.8
63 Ethylbenzene	91	12.082	12.082	(1.004)	1952267	10.0000	9.8
64 Xylene (m,p)	106	12.168	12.168	(1.011)	1569537	20.0000	20
65 Xylene (o)	106	12.505	12.505	(1.039)	739260	10.0000	9.7
66 Styrene	104	12.521	12.521	(1.040)	1130186	10.0000	10
67 Bromoform	173	12.756	12.751	(1.060)	925590	10.0000	10
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.086)	905090	10.0000	9.8

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.: 130896

Instrument ID: F Calibration Date: 04/04/09 Time: 1025

Lab File ID: FCV10IV Init. Calib. Date(s): 03/25/09 03/25/09

Heated Purge: (Y/N) N Init. Calib. Times: 1302 1800

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Chloromethane	0.489	0.466	0.01	4.7	30.0
Vinyl Chloride	0.696	0.660	0.01	5.2	30.0
Bromomethane	0.763	0.762	0.01	0.1	30.0
Chloroethane	0.382	0.356	0.01	6.8	30.0
1,1-Dichloroethene	0.745	0.765	0.01	2.7	30.0
Acetone	1.105	0.985	0.01	10.8	30.0
Carbon Disulfide	2.012	2.039	0.01	1.3	30.0
Methylene Chloride	0.676	0.615	0.01	9.0	30.0
trans-1,2-Dichloroethene	1.131	1.086	0.01	4.0	30.0
1,1-Dichloroethane	1.349	1.292	0.1	4.2	30.0
Methyl Ethyl Ketone	0.376	0.363	0.01	3.4	30.0
cis-1,2-Dichloroethene	0.879	0.886	0.01	0.8	30.0
Chloroform	1.924	1.874	0.01	2.6	30.0
1,1,1-Trichloroethane	0.454	0.445	0.01	2.0	30.0
Carbon Tetrachloride	0.496	0.489	0.01	1.4	30.0
Benzene	0.469	0.467	0.01	0.4	30.0
1,2-Dichloroethane	0.276	0.260	0.01	5.8	30.0
Trichloroethene	0.246	0.243	0.01	1.2	30.0
1,2-Dichloropropane	0.141	0.139	0.01	1.4	30.0
Bromodichloromethane	0.403	0.405	0.01	0.5	30.0
cis-1,3-Dichloropropene	0.282	0.283	0.01	0.4	30.0
Methyl Isobutyl Ketone	0.277	0.254	0.01	8.3	30.0
Toluene	0.437	0.444	0.01	1.6	30.0
trans-1,3-Dichloropropene	0.322	0.316	0.01	1.9	30.0
1,1,2-Trichloroethane	0.180	0.187	0.01	3.9	30.0
Tetrachloroethene	0.439	0.458	0.01	4.3	30.0
Methyl Butyl Ketone	0.311	0.283	0.01	9.0	30.0
Dibromochloromethane	0.456	0.489	0.01	7.2	30.0
Chlorobenzene	0.622	0.627	0.3	0.8	30.0
Ethylbenzene	0.993	0.994	0.01	0.1	30.0
Xylene (m,p)	0.401	0.402	0.01	0.2	30.0
Xylene (o)	0.382	0.379	0.01	0.8	30.0
Styrene	0.564	0.586	0.01	3.9	30.0
Bromoform	0.445	0.477	0.01	7.2	30.0
1,1,2,2-Tetrachloroethane	0.464	0.463	0.01	0.2	30.0

FORM VII VOA

Data File: /chem/F.i/Fsvr.p/fcvito15.b/fcv10iv.d
Date : 04-APR-2009 10:25
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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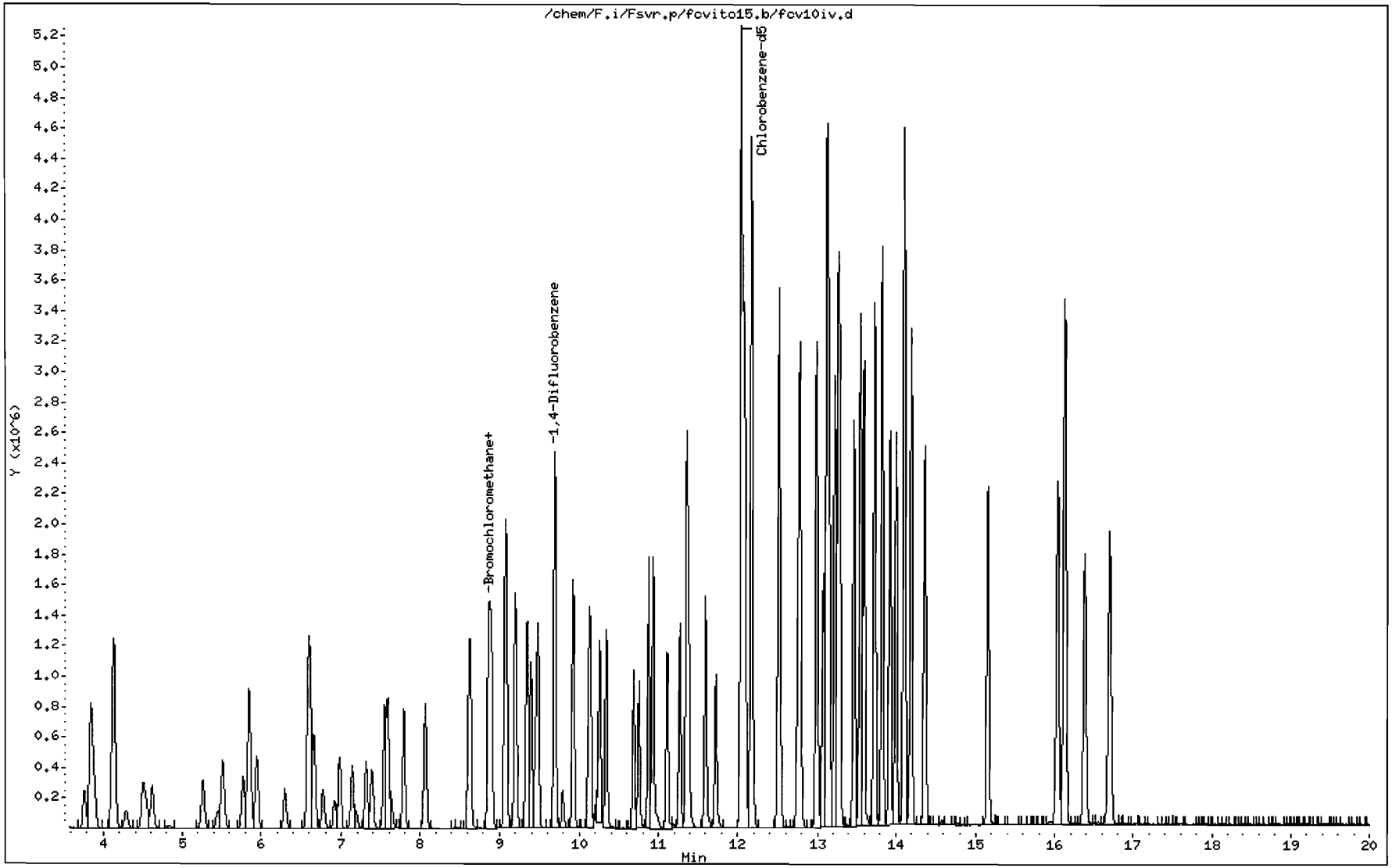
Instrument: F.i

Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvito15.b/fcv10iv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 04-APR-2009 10:25
Operator : njr Inst ID: F.i
Smp Info :
Misc Info : ASTD010;040409FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvito15.b/sto15.m
Meth Date : 14-Apr-2009 20:38 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 2 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	4.288	4.261	(0.483)	206168	10.0000	9.5
6 Vinyl Chloride	62	4.539	4.518	(0.512)	292313	10.0000	9.5
9 Bromomethane	94	5.261	5.240	(0.593)	337230	10.0000	10
10 Chloroethane	64	5.448	5.427	(0.614)	157506	10.0000	9.3
18 1,1-Dichloroethene	96	6.658	6.636	(0.750)	338627	10.0000	10
19 Acetone	43	6.770	6.748	(0.763)	436077	10.0000	8.9
21 Carbon Disulfide	76	6.979	6.962	(0.787)	902756	10.0000	10
24 Methylene Chloride	49	7.310	7.299	(0.824)	272216	10.0000	9.1
27 trans-1,2-Dichloroethene	61	7.583	7.572	(0.855)	480808	10.0000	9.6
29 1,1-Dichloroethane	63	8.070	8.059	(0.910)	572009	10.0000	9.6
30 Methyl Ethyl Ketone	72	8.626	8.615	(0.972)	160627	10.0000	9.6(Q)
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.973)	392452	10.0000	10
* 32 Bromochloromethane	128	8.872	8.861	(1.000)	442688	10.0000	
34 Chloroform	83	8.904	8.894	(1.004)	829830	10.0000	9.7
35 1,1,1-Trichloroethane	97	9.076	9.065	(0.936)	1023691	10.0000	9.8

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
37 Carbon Tetrachloride	117	9.204	9.193	(0.950)	1123500	10.0000	9.9
39 Benzene	78	9.391	9.386	(0.969)	1073950	10.0000	10
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	598299	10.0000	9.5
* 43 1,4-Difluorobenzene	114	9.691	9.685	(1.000)	2298011	10.0000	
45 Trichloroethene	95	9.921	9.915	(1.024)	558271	10.0000	9.9
47 1,2-Dichloropropane	63	10.140	10.129	(1.046)	320481	10.0000	9.9
50 Bromodichloromethane	83	10.338	10.333	(1.067)	931481	10.0000	10
51 cis-1,3-Dichloropropene	75	10.681	10.680	(1.102)	649654	10.0000	10
52 Methyl Isobutyl Ketone	43	10.750	10.745	(1.109)	584349	10.0000	9.2
54 Toluene	92	10.932	10.926	(0.908)	893568	10.0000	10
55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.146)	726928	10.0000	9.8
56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	376028	10.0000	10
57 Tetrachloroethene	166	11.360	11.360	(0.943)	923031	10.0000	10
58 Methyl Butyl Ketone	43	11.387	11.381	(0.945)	569963	10.0000	9.1
59 Dibromochloromethane	129	11.595	11.595	(0.963)	985188	10.0000	11
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	2013037	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	1262094	10.0000	10
63 Ethylbenzene	91	12.087	12.082	(1.004)	2001940	10.0000	10
64 Xylene (m,p)	106	12.168	12.168	(1.010)	1619638	20.0000	20
65 Xylene (o)	106	12.510	12.505	(1.039)	762739	10.0000	9.9
66 Styrene	104	12.521	12.521	(1.040)	1180523	10.0000	10
67 Bromoform	173	12.756	12.751	(1.059)	960657	10.0000	11
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.085)	931538	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.: 130896

Instrument ID: F Calibration Date: 04/07/09 Time: 1859

Lab File ID: FCV10JV Init. Calib. Date(s): 03/25/09 03/25/09

Heated Purge: (Y/N) N Init. Calib. Times: 1302 1800

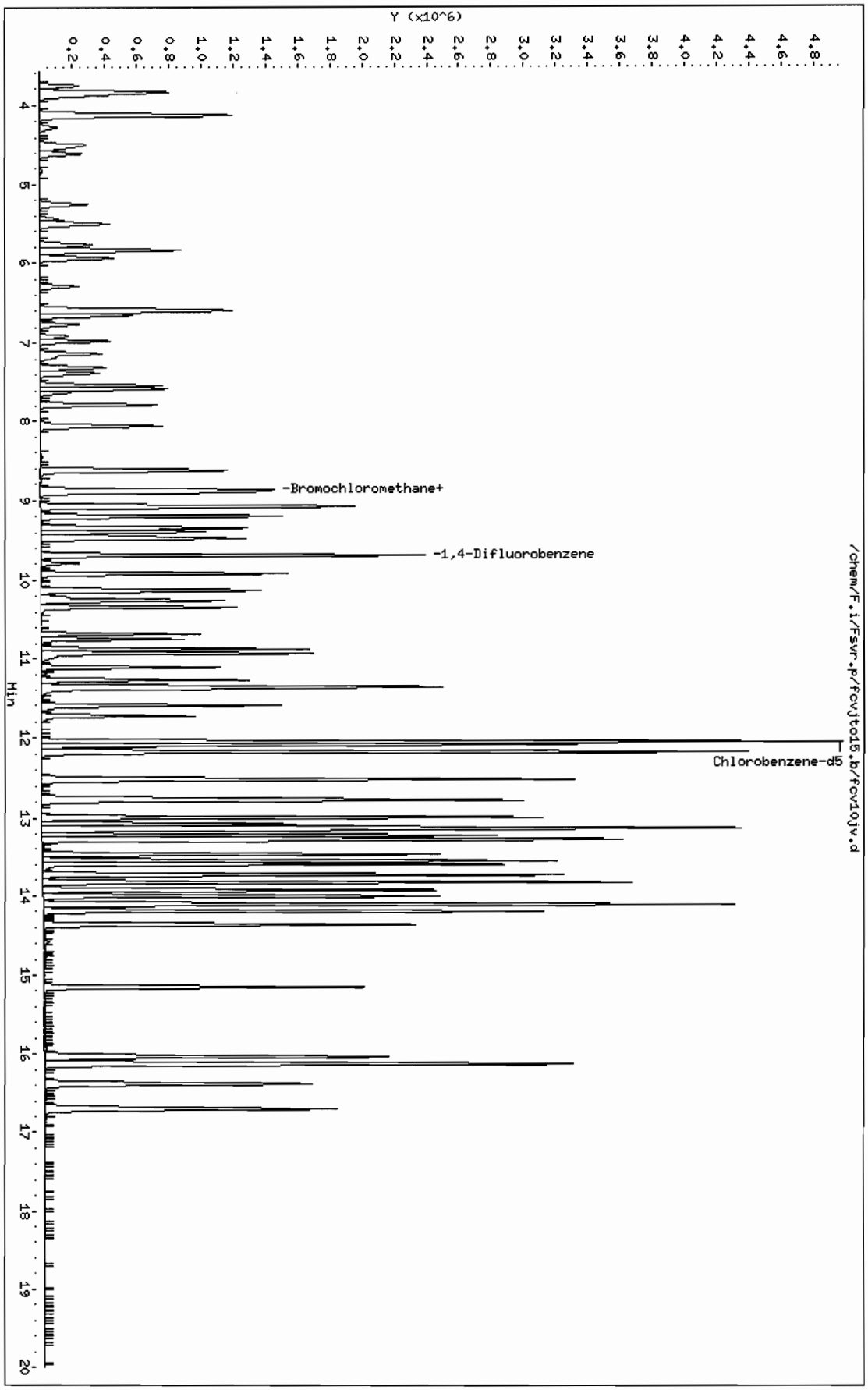
GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Chloromethane	0.489	0.464	0.01	5.1	30.0
Vinyl Chloride	0.696	0.642	0.01	7.8	30.0
Bromomethane	0.763	0.744	0.01	2.5	30.0
Chloroethane	0.382	0.343	0.01	10.2	30.0
1,1-Dichloroethene	0.745	0.730	0.01	2.0	30.0
Acetone	1.105	0.991	0.01	10.3	30.0
Carbon Disulfide	2.012	1.958	0.01	2.7	30.0
Methylene Chloride	0.676	0.598	0.01	11.5	30.0
trans-1,2-Dichloroethene	1.131	1.066	0.01	5.7	30.0
1,1-Dichloroethane	1.349	1.272	0.1	5.7	30.0
Methyl Ethyl Ketone	0.376	0.346	0.01	8.0	30.0
cis-1,2-Dichloroethene	0.879	0.853	0.01	3.0	30.0
Chloroform	1.924	1.859	0.01	3.4	30.0
1,1,1-Trichloroethane	0.454	0.450	0.01	0.9	30.0
Carbon Tetrachloride	0.496	0.492	0.01	0.8	30.0
Benzene	0.469	0.454	0.01	3.2	30.0
1,2-Dichloroethane	0.276	0.263	0.01	4.7	30.0
Trichloroethene	0.246	0.237	0.01	3.6	30.0
1,2-Dichloropropane	0.141	0.136	0.01	3.5	30.0
Bromodichloromethane	0.403	0.400	0.01	0.7	30.0
cis-1,3-Dichloropropene	0.282	0.278	0.01	1.4	30.0
Methyl Isobutyl Ketone	0.277	0.247	0.01	10.8	30.0
Toluene	0.437	0.446	0.01	2.0	30.0
trans-1,3-Dichloropropene	0.322	0.311	0.01	3.4	30.0
1,1,2-Trichloroethane	0.180	0.185	0.01	2.8	30.0
Tetrachloroethene	0.439	0.452	0.01	3.0	30.0
Methyl Butyl Ketone	0.311	0.269	0.01	13.5	30.0
Dibromochloromethane	0.456	0.490	0.01	7.4	30.0
Chlorobenzene	0.622	0.621	0.3	0.2	30.0
Ethylbenzene	0.993	1.008	0.01	1.5	30.0
Xylene (m,p)	0.401	0.405	0.01	1.0	30.0
Xylene (o)	0.382	0.378	0.01	1.0	30.0
Styrene	0.564	0.578	0.01	2.5	30.0
Bromoform	0.445	0.478	0.01	7.4	30.0
1,1,2,2-Tetrachloroethane	0.464	0.450	0.01	3.0	30.0

FORM VII VOA

Data File: /chem/F.i/Fsvr.p/fcvjto15.b/fcv10jv.d
Date : 07-APR-2009 18:59
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: F.i
Operator: pad
Column diameter: 0.32



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TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvjto15.b/fcv10jv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 07-APR-2009 18:59
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD010;040709FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvjto15.b/sto15.m
Meth Date : 14-Apr-2009 20:40 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 2 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	4.282	4.261	(0.483)	195580	10.0000	9.5
6 Vinyl Chloride	62	4.534	4.518	(0.511)	270878	10.0000	9.2
9 Bromomethane	94	5.256	5.240	(0.593)	313985	10.0000	9.8
10 Chloroethane	64	5.443	5.427	(0.614)	144885	10.0000	9.0
18 1,1-Dichloroethene	96	6.652	6.636	(0.750)	308102	10.0000	9.8
19 Acetone	43	6.759	6.748	(0.762)	418212	10.0000	9.0
21 Carbon Disulfide	76	6.973	6.962	(0.786)	826013	10.0000	9.7
24 Methylene Chloride	49	7.310	7.299	(0.824)	252245	10.0000	8.8
27 trans-1,2-Dichloroethene	61	7.578	7.572	(0.855)	449878	10.0000	9.4
29 1,1-Dichloroethane	63	8.065	8.059	(0.910)	536789	10.0000	9.4
30 Methyl Ethyl Ketone	72	8.621	8.615	(0.972)	146075	10.0000	9.2
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	359899	10.0000	9.7
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	421857	10.0000	
34 Chloroform	83	8.899	8.894	(1.004)	784334	10.0000	9.7
35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	980849	10.0000	9.9

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
37 Carbon Tetrachloride	117	9.199	9.193	(0.950)	1073546	10.0000	9.9
39 Benzene	78	9.391	9.386	(0.970)	990663	10.0000	9.7
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	574120	10.0000	9.6
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2181149	10.0000	
45 Trichloroethene	95	9.915	9.915	(1.024)	516269	10.0000	9.6
47 1,2-Dichloropropane	63	10.135	10.129	(1.046)	296509	10.0000	9.6
50 Bromodichloromethane	83	10.338	10.333	(1.067)	872726	10.0000	9.9
51 cis-1,3-Dichloropropene	75	10.681	10.680	(1.103)	606114	10.0000	9.9
52 Methyl Isobutyl Ketone	43	10.750	10.745	(1.110)	539771	10.0000	8.9
54 Toluene	92	10.932	10.926	(0.908)	848998	10.0000	10
55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.147)	679056	10.0000	9.7
56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	351860	10.0000	10
57 Tetrachloroethene	166	11.360	11.360	(0.943)	860861	10.0000	10
58 Methyl Butyl Ketone	43	11.387	11.381	(0.945)	512952	10.0000	8.6
59 Dibromochloromethane	129	11.595	11.595	(0.963)	934537	10.0000	11
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	1905133	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	1184020	10.0000	10
63 Ethylbenzene	91	12.087	12.082	(1.004)	1921388	10.0000	10
64 Xylene (m,p)	106	12.168	12.168	(1.010)	1542823	20.0000	20
65 Xylene (o)	106	12.510	12.505	(1.039)	719325	10.0000	9.9
66 Styrene	104	12.521	12.521	(1.040)	1102150	10.0000	10
67 Bromoform	173	12.756	12.751	(1.059)	911280	10.0000	11
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.085)	857904	10.0000	9.7

Raw QC Data – TO-15 Volatile

Data File: /chem/F.i/Fsvr.p/fcvto15.b/fcv01pv.d

Date : 25-MAR-2009 08:57

Client ID: VBFB

Instrument: F.i

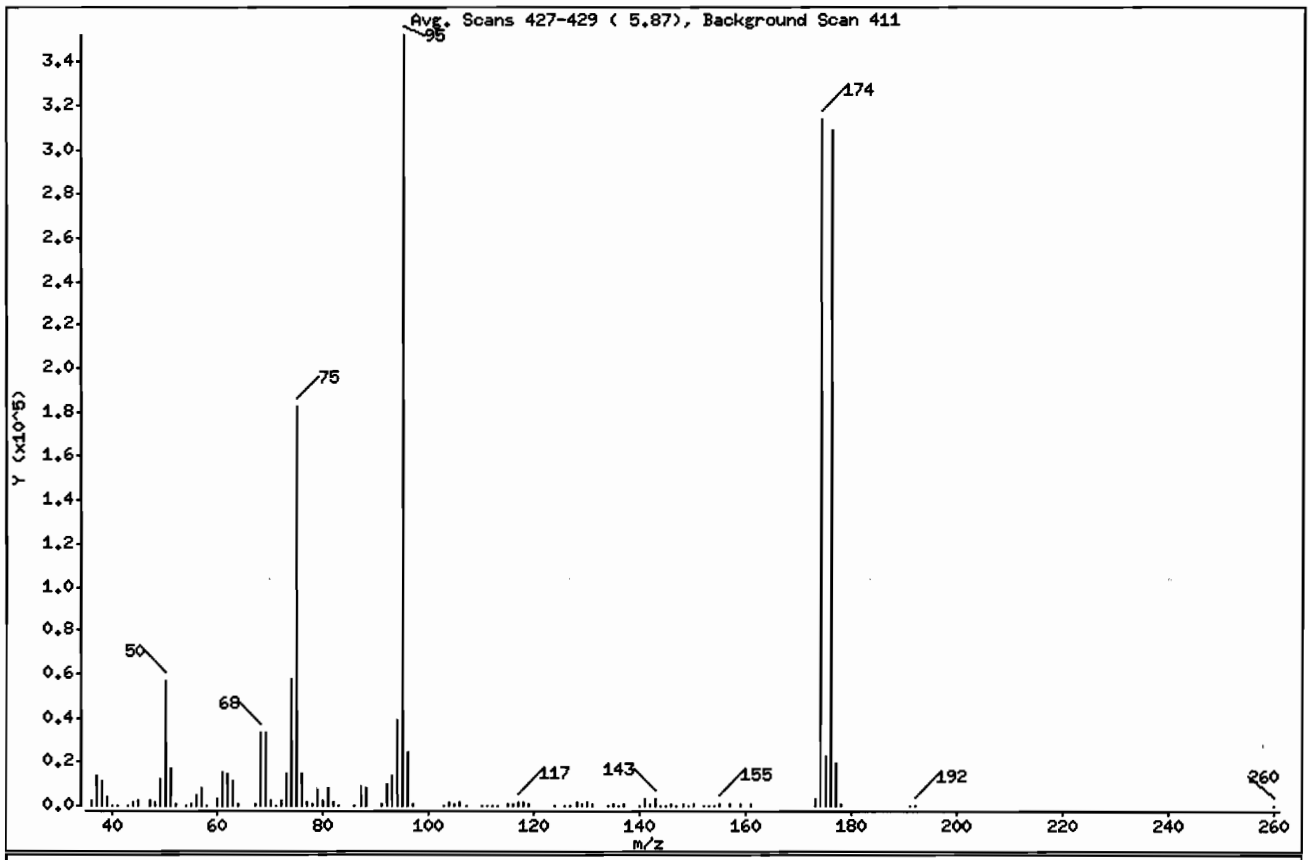
Sample Info: VBFB

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	16.04
75	30.00 - 66.00% of mass 95	51.76
96	5.00 - 9.00% of mass 95	6.96
173	Less than 2.00% of mass 174	0.83 (0.94)
174	50.00 - 120.00% of mass 95	89.01
175	4.00 - 9.00% of mass 174	6.43 (7.22)
176	93.00 - 101.00% of mass 174	87.55 (98.36)
177	5.00 - 9.00% of mass 176	5.56 (6.36)

Data File: /chem/F.i/Fsvr.p/fcvto15.b/fcv01pv.d

Date : 25-MAR-2009 08:57

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: fcv01pv.d
Spectrum: Avg. Scans 427-429 (5.87), Background Scan 411
Location of Maximum: 95.00
Number of points: 104

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2584	69.00	32800	105.00	499	144.00	71
37.00	13893	70.00	2628	106.00	1248	145.00	315
38.00	11216	71.00	67	107.00	299	146.00	604
39.00	4339	72.00	2036	110.00	79	147.00	73
40.00	54	73.00	14415	111.00	321	148.00	837
41.00	105	74.00	57888	112.00	214	149.00	362
43.00	67	75.00	182336	113.00	200	150.00	442
44.00	1316	76.00	14767	115.00	478	152.00	72
45.00	2655	77.00	1638	116.00	1213	153.00	191
47.00	2092	78.00	1109	117.00	1501	154.00	296
48.00	1608	79.00	7436	118.00	1332	155.00	970
49.00	12452	80.00	2149	119.00	1196	157.00	690
50.00	56520	81.00	7840	124.00	163	159.00	490
51.00	17008	82.00	1684	126.00	79	161.00	447
52.00	792	83.00	78	127.00	83	173.00	2940
54.00	76	86.00	72	128.00	1342	174.00	313536
55.00	855	87.00	8581	129.00	642	175.00	22656
56.00	4714	88.00	8406	130.00	1235	176.00	308416
57.00	8055	91.00	1148	131.00	438	177.00	19600
58.00	258	92.00	9712	134.00	93	178.00	546
60.00	3380	93.00	13990	135.00	702	191.00	33
61.00	14994	94.00	38752	136.00	167	192.00	72
62.00	14588	95.00	352256	137.00	742	260.00	166
63.00	11725	96.00	24536	140.00	204		
64.00	985	97.00	750	141.00	3551		
67.00	677	103.00	152	142.00	455		
68.00	32968	104.00	1521	143.00	3581		

Data File: /chem/F.i/Fsvr.p/fcvto15.b/fcv01pv.d

Date : 25-MAR-2009 08:57

Client ID: VBFB

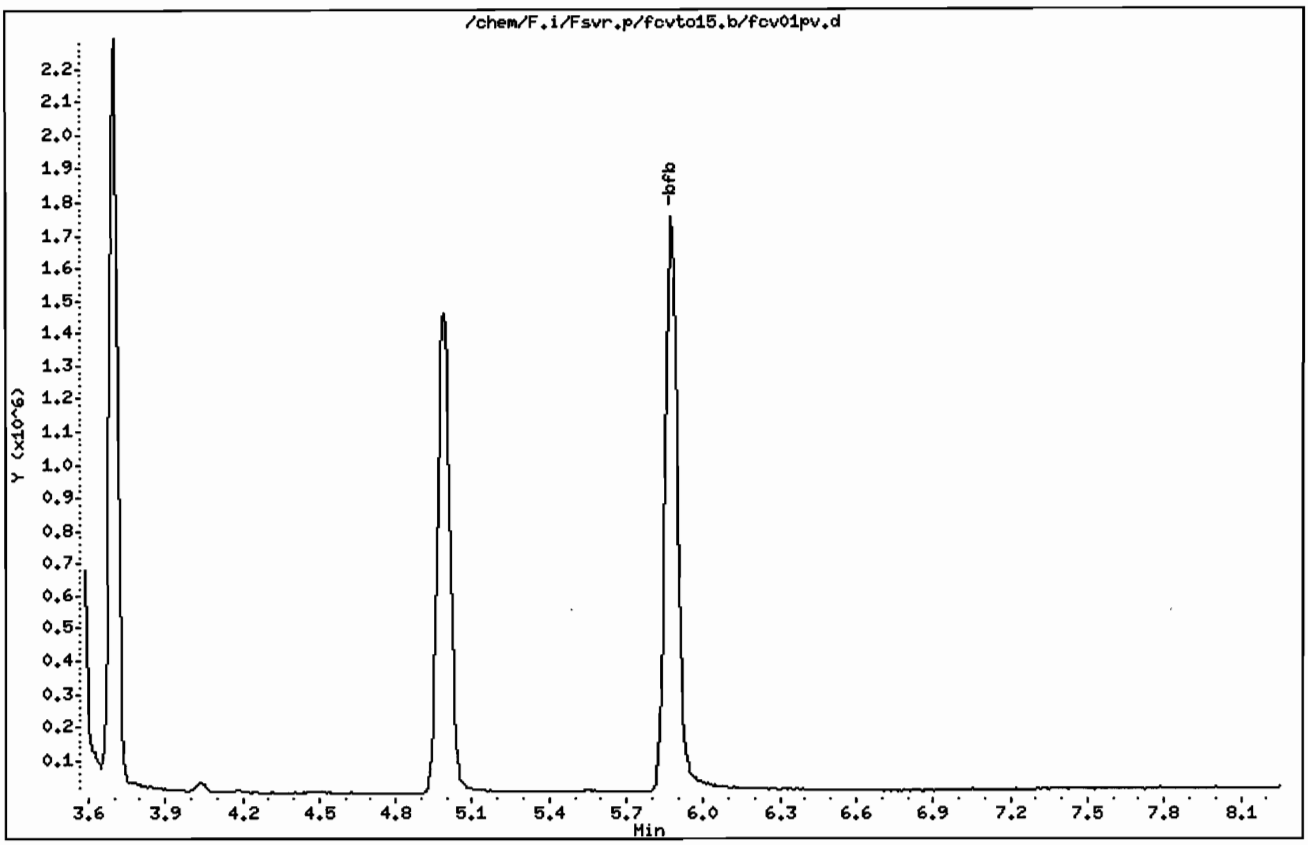
Instrument: F.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/F.i/Fsvr.p/fcvgto15.b/fcv08pv.d

Date : 01-APR-2009 15:38

Client ID: VBFB

Instrument: F.i

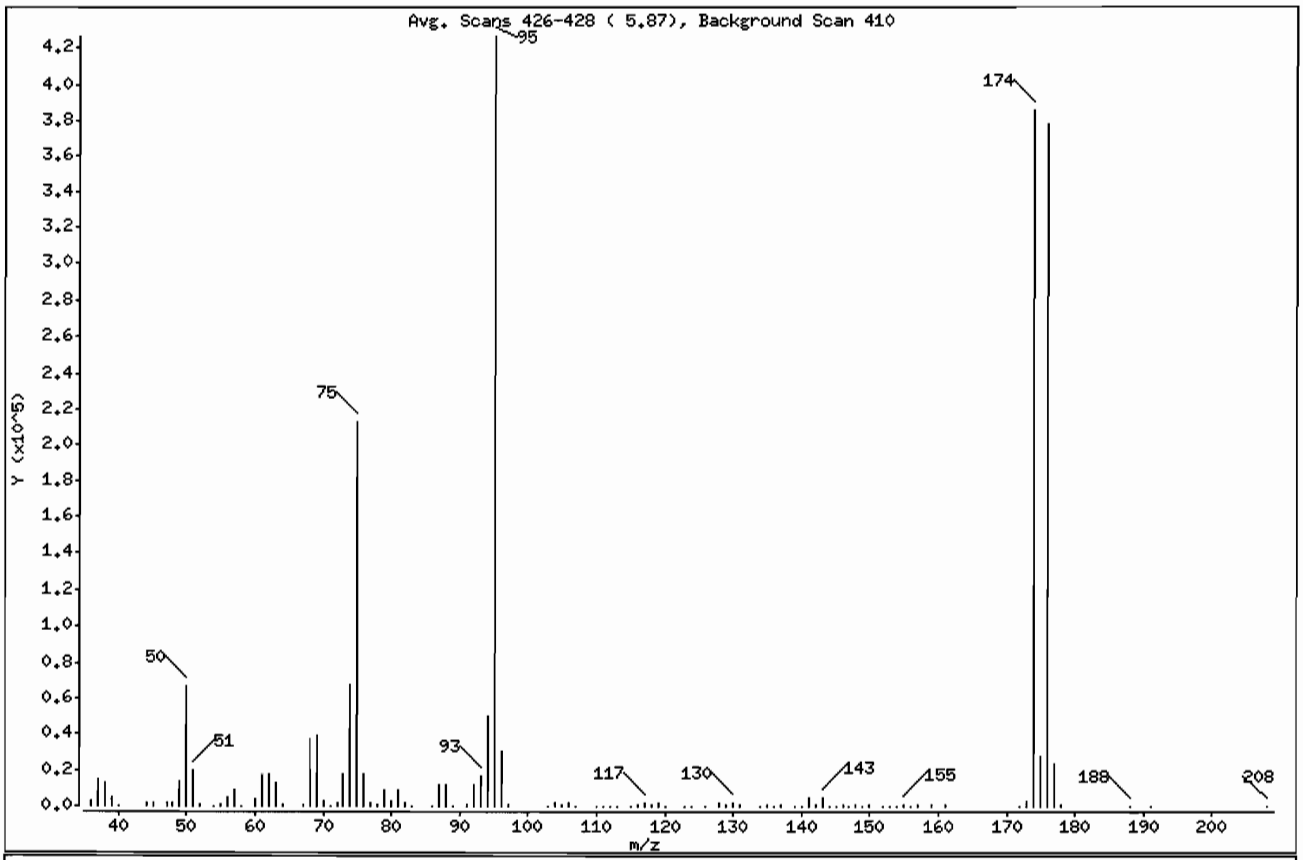
Sample Info: VBFB

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	15.62
75	30.00 - 66.00% of mass 95	50.00
96	5.00 - 9.00% of mass 95	7.08
173	Less than 2.00% of mass 174	0.62 (0.68)
174	50.00 - 120.00% of mass 95	90.57
175	4.00 - 9.00% of mass 174	6.37 (7.03)
176	93.00 - 101.00% of mass 174	88.67 (97.90)
177	5.00 - 9.00% of mass 176	5.52 (6.23)

Data File: /chem/F.i/Fsvr.p/fcvgto15.b/fcv08pv.d

Date : 01-APR-2009 15:38

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Data File: fcv08pv.d
Spectrum: Avg. Scans 426-428 (5.87), Background Scan 410
Location of Maximum: 95.00
Number of points: 107

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2774	71.00	71	106.00	1942	143.00	5065
37.00	15206	72.00	2082	107.00	322	144.00	152
38.00	13007	73.00	17888	110.00	269	145.00	408
39.00	4906	74.00	67696	111.00	299	146.00	673
40.00	212	75.00	212992	112.00	158	147.00	250
44.00	1892	76.00	17920	113.00	234	148.00	1031
45.00	2432	77.00	1817	115.00	463	149.00	462
47.00	2300	78.00	1357	116.00	1408	150.00	559
48.00	1973	79.00	9037	117.00	2263	152.00	166
49.00	13949	80.00	3322	118.00	1425	153.00	258
50.00	66536	81.00	9164	119.00	1773	154.00	252
51.00	19800	82.00	1834	120.00	70	155.00	1077
52.00	1145	83.00	280	123.00	73	156.00	206
54.00	209	86.00	122	124.00	293	157.00	705
55.00	990	87.00	11862	126.00	82	159.00	514
56.00	4599	88.00	11402	128.00	1482	161.00	578
57.00	8773	89.00	70	129.00	712	172.00	191
58.00	421	91.00	1321	130.00	1601	173.00	2642
60.00	3437	92.00	11890	131.00	606	174.00	385856
61.00	16856	93.00	17176	134.00	139	175.00	27128
62.00	17360	94.00	49896	135.00	1029	176.00	377792
63.00	12624	95.00	426048	136.00	76	177.00	23536
64.00	1205	96.00	30160	137.00	856	178.00	822
67.00	946	97.00	882	139.00	92	188.00	67
68.00	37328	103.00	261	140.00	279	191.00	9
69.00	38784	104.00	1500	141.00	4839	208.00	40
70.00	3027	105.00	573	142.00	545		

Data File: /chem/F.i/Fsvr.p/fcvgto15.b/fcv08pv.d

Page 1

Date : 01-APR-2009 15:38

Client ID: VBFB

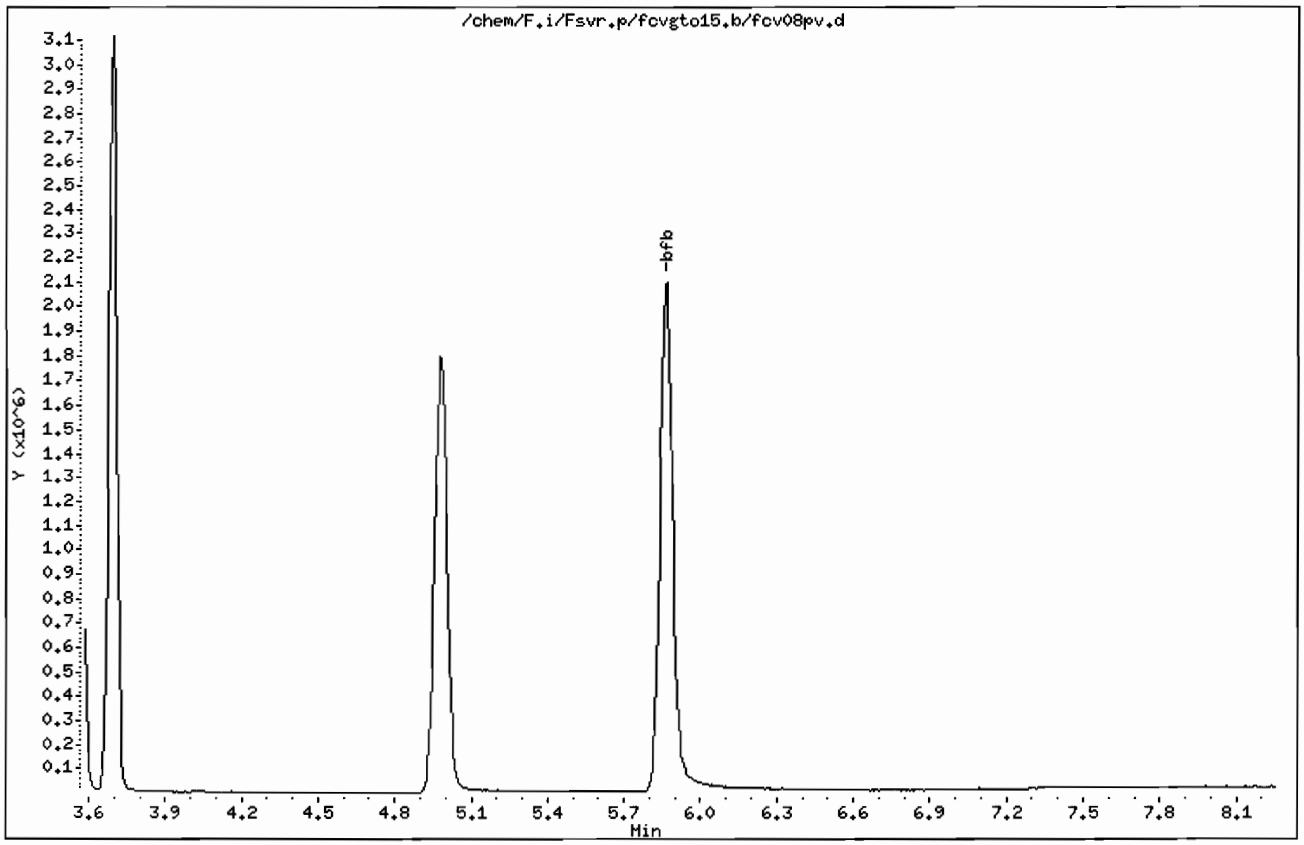
Instrument: F.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/F.i/Fsvr.p/fcvhto15.b/fcv09pv.d

Date : 02-APR-2009 15:12

Client ID: VBFB

Instrument: F.i

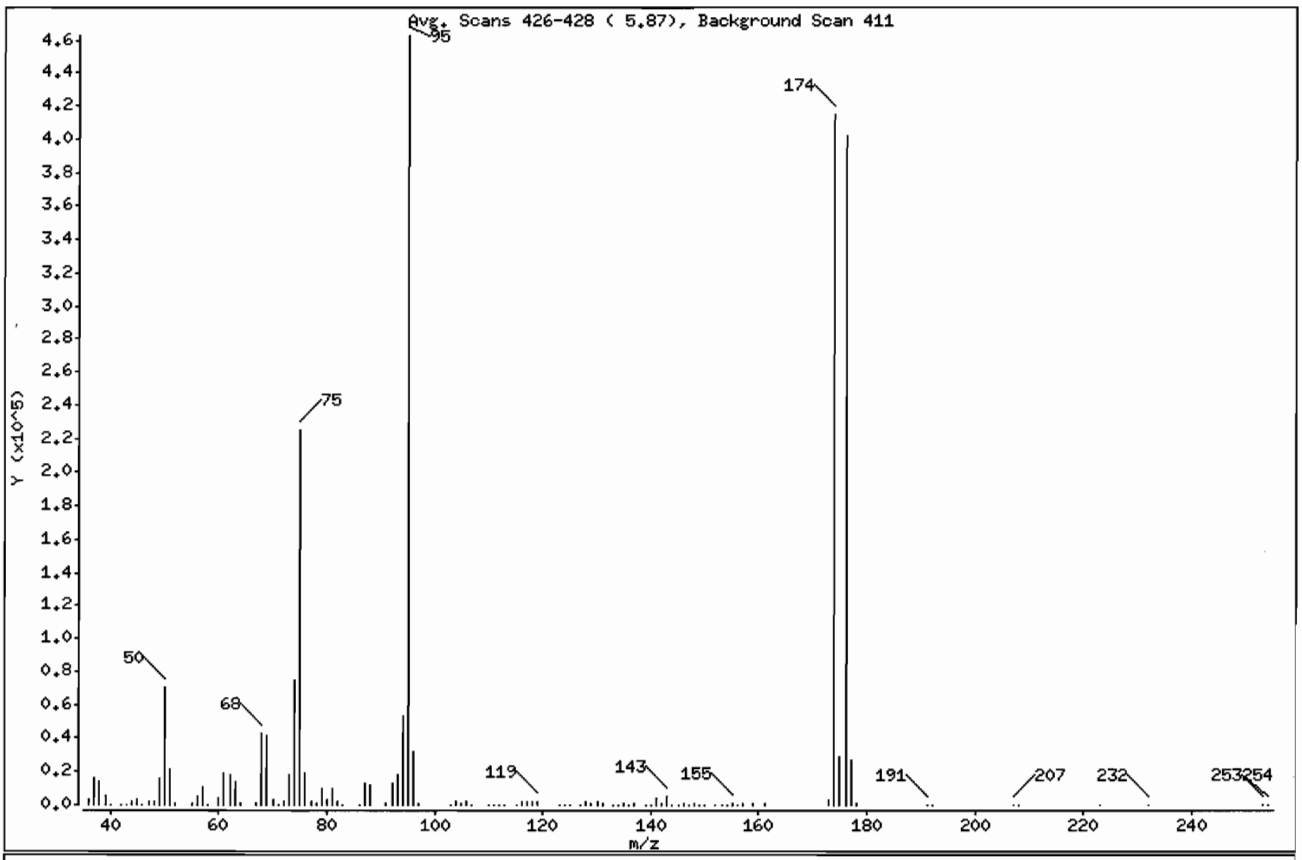
Sample Info: VBFB

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	15.30
75	30.00 - 66.00% of mass 95	48.68
96	5.00 - 9.00% of mass 95	6.88
173	Less than 2.00% of mass 174	0.58 (0.65)
174	50.00 - 120.00% of mass 95	89.61
175	4.00 - 9.00% of mass 174	6.32 (7.06)
176	93.00 - 101.00% of mass 174	86.86 (96.93)
177	5.00 - 9.00% of mass 176	5.68 (6.54)

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/fcv09pv.d

Date : 02-APR-2009 15:12

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Data File: fcv09pv.d
Spectrum: Avg. Scans 426-428 (5.87), Background Scan 411
Location of Maximum: 95.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3017	71.00	76	111.00	331	147.00	324
37.00	15861	72.00	2470	112.00	276	148.00	1069
38.00	13578	73.00	18288	113.00	434	149.00	406
39.00	5546	74.00	74440	115.00	518	150.00	436
40.00	148	75.00	225216	116.00	1660	152.00	321
42.00	69	76.00	19480	117.00	2383	153.00	230
43.00	151	77.00	2051	118.00	1894	154.00	413
44.00	1954	78.00	1179	119.00	2444	155.00	1444
45.00	2912	79.00	9249	123.00	83	156.00	248
46.00	167	80.00	3242	124.00	122	157.00	973
47.00	2542	81.00	10058	125.00	94	159.00	634
48.00	2362	82.00	1975	127.00	83	161.00	605
49.00	15861	83.00	264	128.00	1699	173.00	2693
50.00	70808	86.00	392	129.00	828	174.00	414656
51.00	21208	87.00	12614	130.00	1765	175.00	29256
52.00	1165	88.00	12184	131.00	696	176.00	401920
55.00	890	91.00	1486	133.00	31	177.00	26288
56.00	5680	92.00	12644	134.00	84	178.00	723
57.00	10340	93.00	18144	135.00	1158	191.00	119
58.00	377	94.00	53208	136.00	85	192.00	89
60.00	3884	95.00	462720	137.00	841	207.00	443
61.00	18992	96.00	31840	139.00	159	208.00	301
62.00	18352	97.00	1101	140.00	256	223.00	69
63.00	14236	103.00	245	141.00	4684	232.00	89
64.00	1383	104.00	1648	142.00	698	253.00	8
67.00	903	105.00	672	143.00	4843	254.00	71
68.00	43168	106.00	1875	144.00	331		
69.00	41552	107.00	474	145.00	457		
70.00	3554	110.00	307	146.00	736		

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/fcv09pv.d

Page 1

Date : 02-APR-2009 15:12

Client ID: VBFB

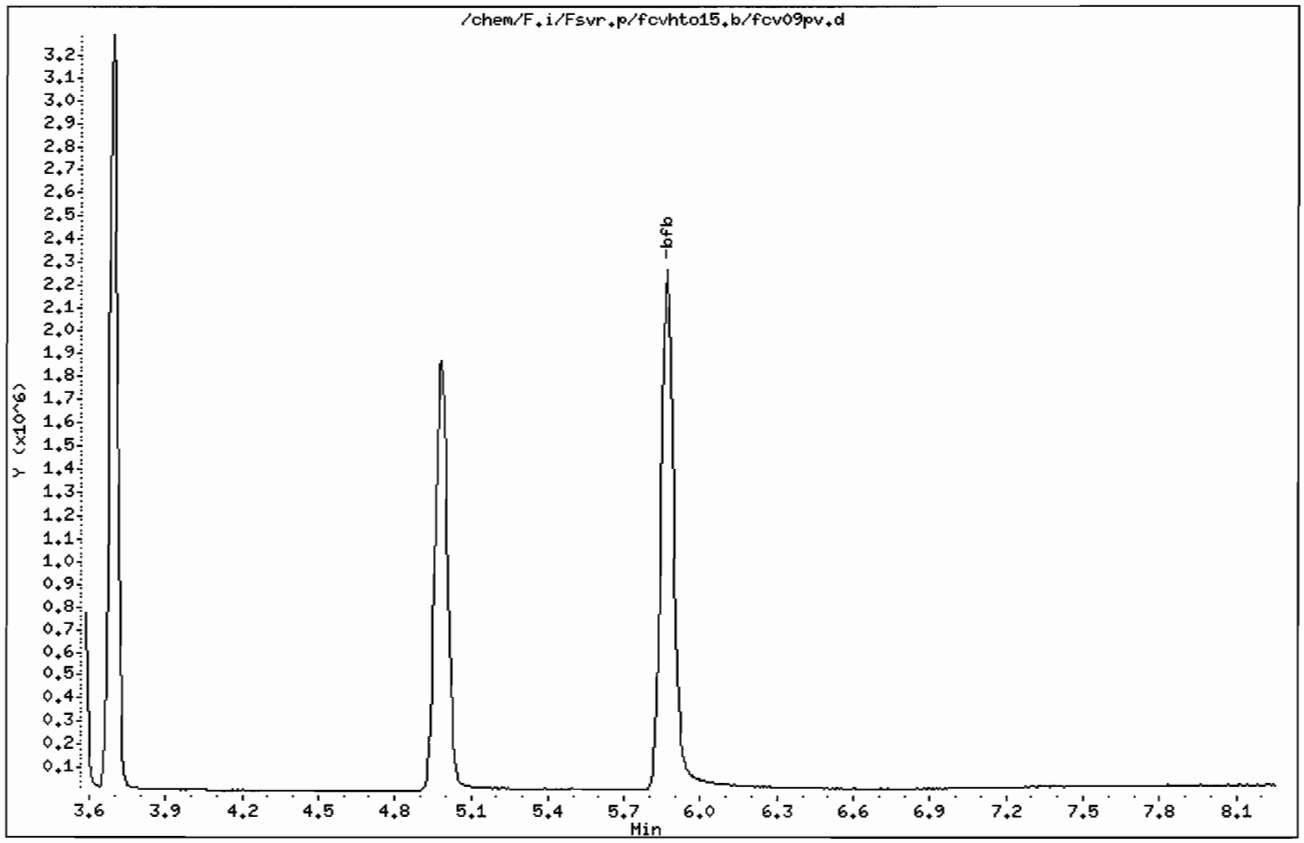
Instrument: F.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/F.i/Fsvr.p/fcvito15.b/fcv10pv.d

Date : 04-APR-2009 09:36

Client ID: VBFB

Instrument: F.i

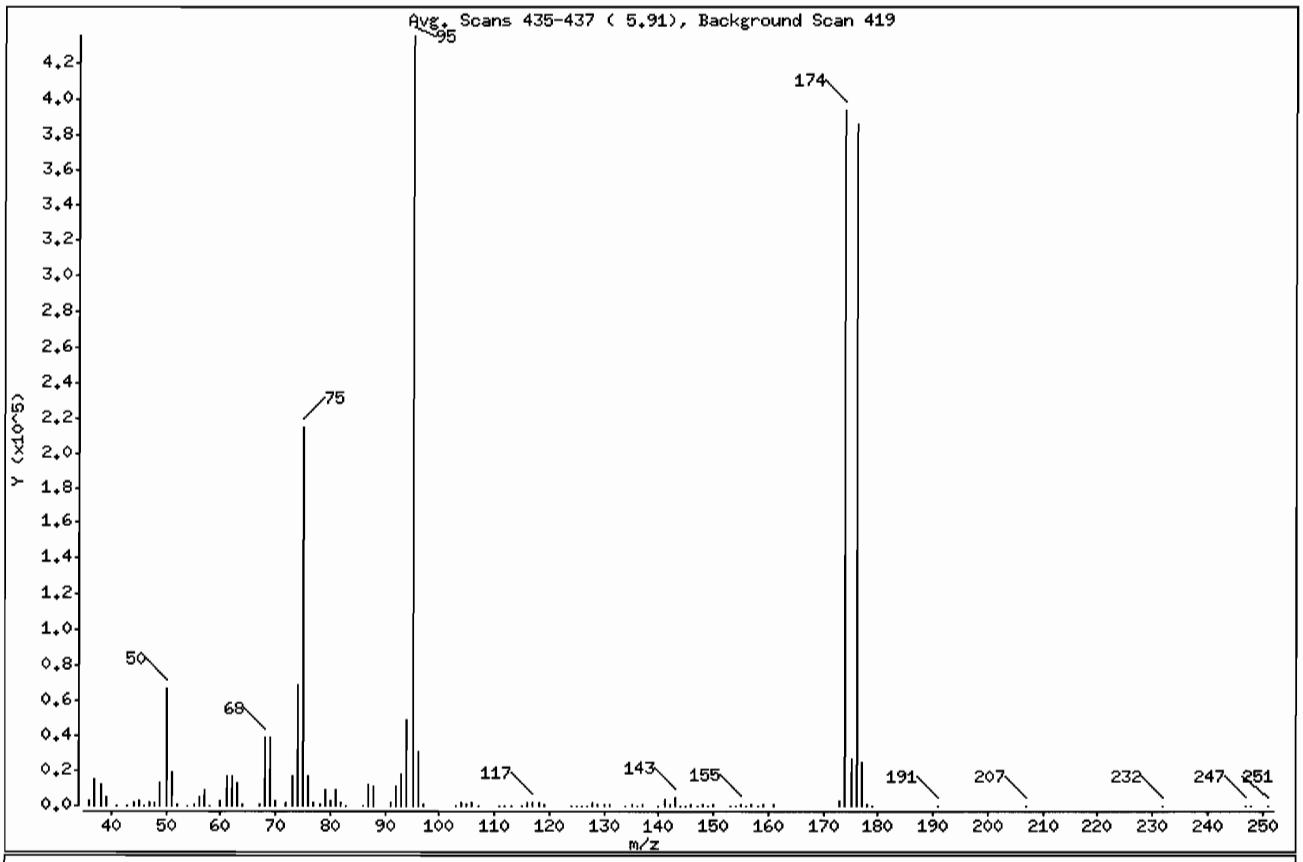
Sample Info: VBFB

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	15.47
75	30.00 - 66.00% of mass 95	49.37
96	5.00 - 9.00% of mass 95	7.09
173	Less than 2.00% of mass 174	0.58 (0.64)
174	50.00 - 120.00% of mass 95	90.47
175	4.00 - 9.00% of mass 174	6.33 (6.99)
176	93.00 - 101.00% of mass 174	88.64 (97.97)
177	5.00 - 9.00% of mass 176	5.67 (6.39)

Data File: /chem/F.i/Fsvr.p/fcvito15.b/fcv10pv.d

Date : 04-APR-2009 09:36

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32

Data File: fcv10pv.d
Spectrum: Avg. Scans 435-437 (5.91), Background Scan 419
Location of Maximum: 95.00
Number of points: 108

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2930	70.00	2867	111.00	354	148.00	1040
37.00	14950	72.00	1940	112.00	177	149.00	329
38.00	12508	73.00	16688	113.00	278	150.00	533
39.00	5109	74.00	68720	115.00	464	153.00	288
41.00	191	75.00	214912	116.00	1527	154.00	292
43.00	197	76.00	17440	117.00	2373	155.00	1228
44.00	1891	77.00	2143	118.00	1567	156.00	197
45.00	2757	78.00	1227	119.00	1407	157.00	903
46.00	73	79.00	8564	124.00	186	158.00	73
47.00	2427	80.00	3168	125.00	79	159.00	659
48.00	2144	81.00	9088	126.00	230	161.00	575
49.00	13151	82.00	1882	127.00	168	173.00	2512
50.00	67344	83.00	219	128.00	1522	174.00	393856
51.00	19144	86.00	335	129.00	805	175.00	27552
52.00	898	87.00	11817	130.00	1400	176.00	385920
54.00	84	88.00	11260	131.00	693	177.00	24664
55.00	1118	91.00	1696	134.00	81	178.00	712
56.00	5493	92.00	11271	135.00	986	179.00	66
57.00	9020	93.00	18392	136.00	180	191.00	139
58.00	406	94.00	49336	137.00	818	207.00	36
60.00	3490	95.00	435328	140.00	259	232.00	235
61.00	17152	96.00	30856	141.00	4344	247.00	92
62.00	16600	97.00	929	142.00	524	248.00	71
63.00	12656	103.00	341	143.00	4578	251.00	82
64.00	1063	104.00	1518	144.00	277		
67.00	995	105.00	590	145.00	439		
68.00	39232	106.00	1554	146.00	604		
69.00	38856	107.00	261	147.00	310		

Data File: /chem/F.i/Fsvr.p/fcvito15.b/fcv10pv.d

Page 1

Date : 04-APR-2009 09:36

Client ID: VBFB

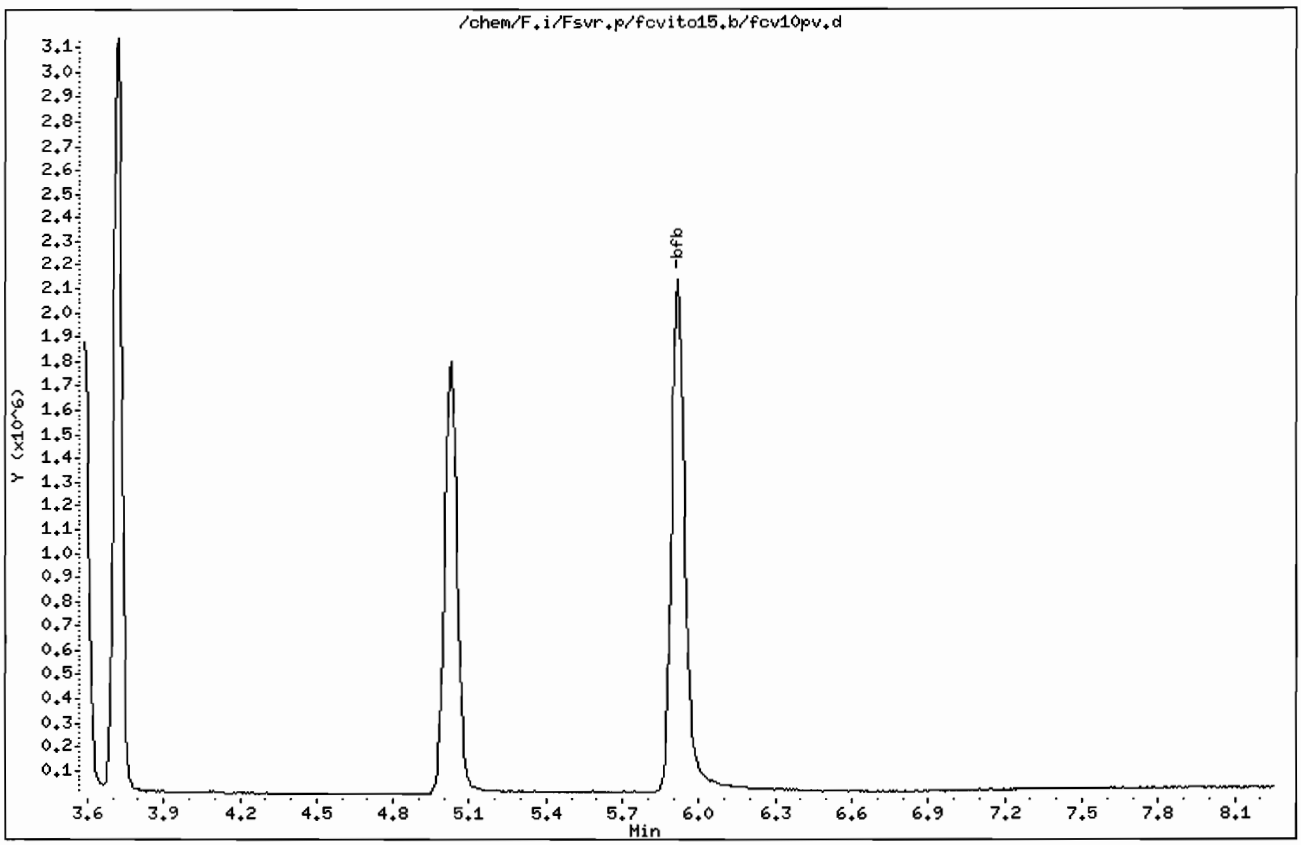
Instrument: F.i

Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/F.i/Fsvr.p/fcvjto15.b/fcv12pv.d

Date : 07-APR-2009 18:14

Client ID: VBFB

Instrument: F.i

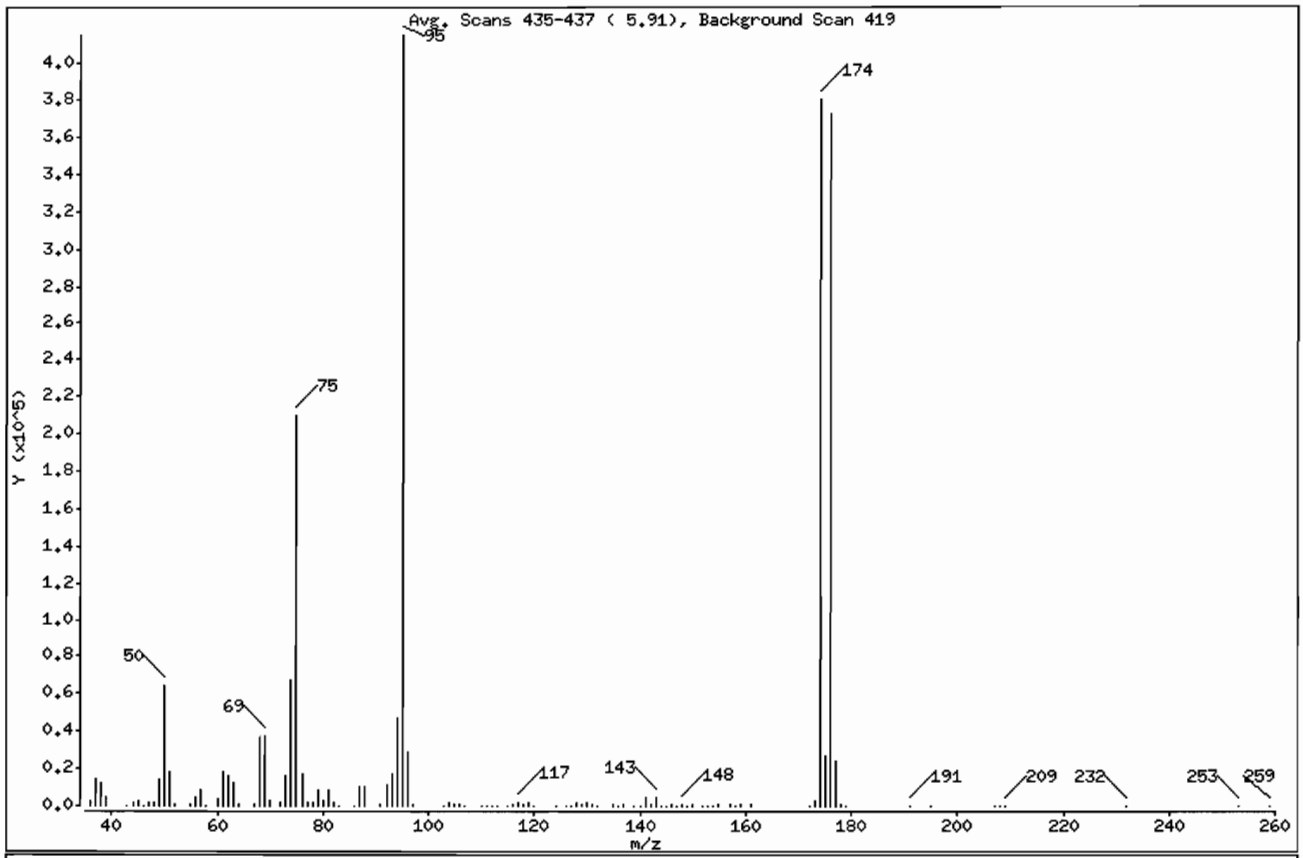
Sample Info: VBFB

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	15.52
75	30.00 - 66.00% of mass 95	50.52
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.63 (0.69)
174	50.00 - 120.00% of mass 95	91.39
175	4.00 - 9.00% of mass 174	6.42 (7.02)
176	93.00 - 101.00% of mass 174	89.69 (98.13)
177	5.00 - 9.00% of mass 176	5.68 (6.34)

Data File: /chem/F.i/Fsvr.p/fcvjto15.b/fcv12pv.d

Date : 07-APR-2009 18:14

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Data File: fcv12pv.d
Spectrum: Avg. Scans 435-437 (5.91), Background Scan 419
Location of Maximum: 95.00
Number of points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2848	73.00	16560	112.00	69	148.00	1078
37.00	14665	74.00	67016	113.00	325	149.00	342
38.00	12292	75.00	209856	115.00	445	150.00	480
39.00	4884	76.00	16856	116.00	1373	152.00	145
43.00	76	77.00	1752	117.00	2207	153.00	326
44.00	1851	78.00	1455	118.00	1200	154.00	291
45.00	2418	79.00	9035	119.00	1712	155.00	980
46.00	332	80.00	2940	120.00	67	157.00	767
47.00	2169	81.00	8582	124.00	152	158.00	71
48.00	1959	82.00	1741	126.00	72	159.00	509
49.00	13943	83.00	271	127.00	79	161.00	509
50.00	64504	86.00	158	128.00	1622	172.00	169
51.00	18032	87.00	10504	129.00	847	173.00	2628
52.00	827	88.00	10830	130.00	1669	174.00	379712
55.00	839	91.00	1178	131.00	635	175.00	26664
56.00	5235	92.00	11351	132.00	76	176.00	372608
57.00	8992	93.00	16896	135.00	768	177.00	23608
58.00	345	94.00	46928	136.00	69	178.00	815
60.00	3517	95.00	415488	137.00	627	179.00	75
61.00	17792	96.00	28336	139.00	186	191.00	98
62.00	16315	97.00	797	140.00	329	195.00	71
63.00	12235	103.00	320	141.00	4483	207.00	70
64.00	1053	104.00	1617	142.00	664	208.00	7
67.00	783	105.00	618	143.00	4812	209.00	362
68.00	36384	106.00	1426	144.00	188	232.00	78
69.00	37440	107.00	449	145.00	354	253.00	12
70.00	2788	110.00	273	146.00	667	259.00	82
72.00	2155	111.00	353	147.00	431		

Data File: /chem/F.i/Fsvr.p/fcvjto15.b/fcv12pv.d

Date : 07-APR-2009 18:14

Client ID: VBFB

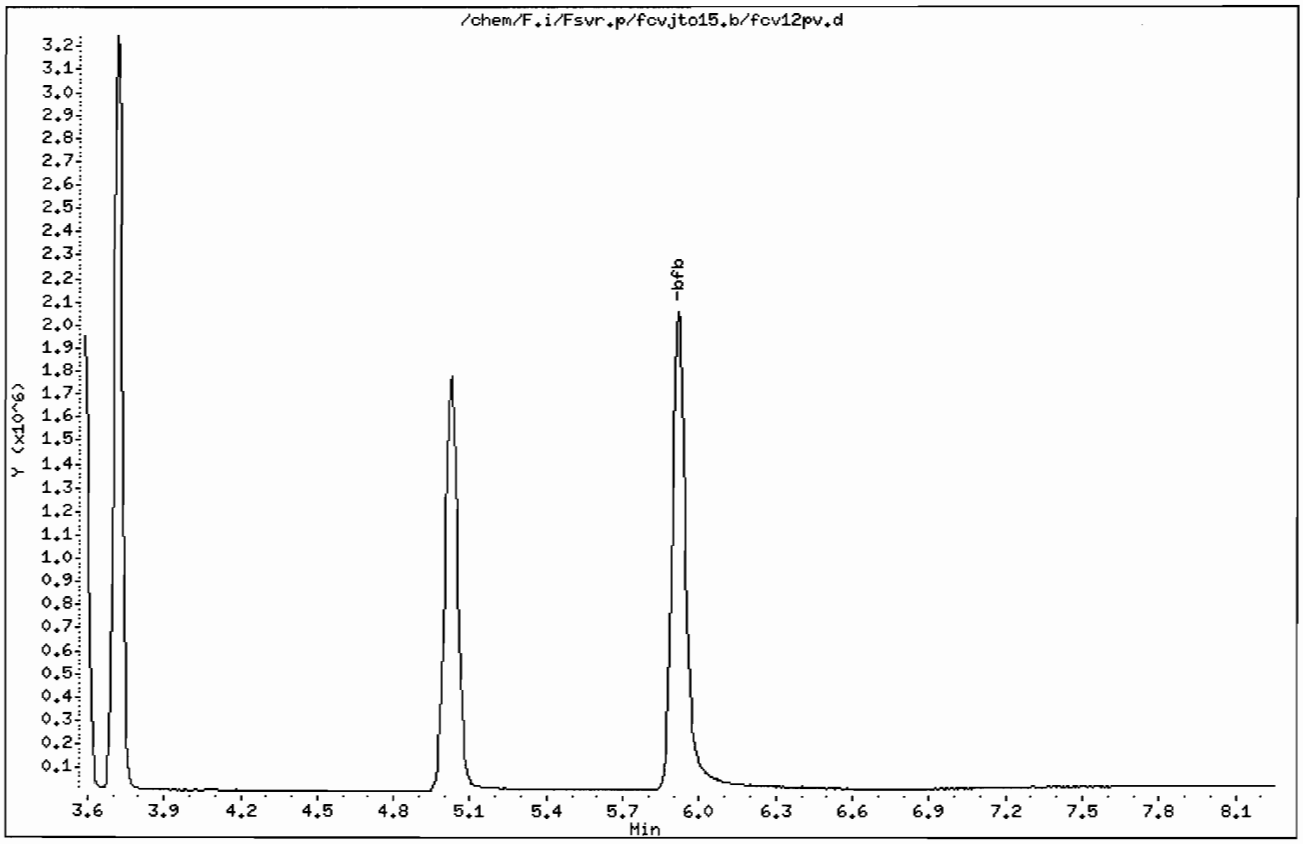
Instrument: F.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK040109FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: MBLK040109FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCVB01G

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/01/09

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.

MBLK040109FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: MBLK040109FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCVB01G

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/01/09

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/F.i/Fsvr.p/fcvgto15.b/fcvb01g.d

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Date : 01-APR-2009 18:32

Client ID: MBLK040109FA

Instrument: F.i

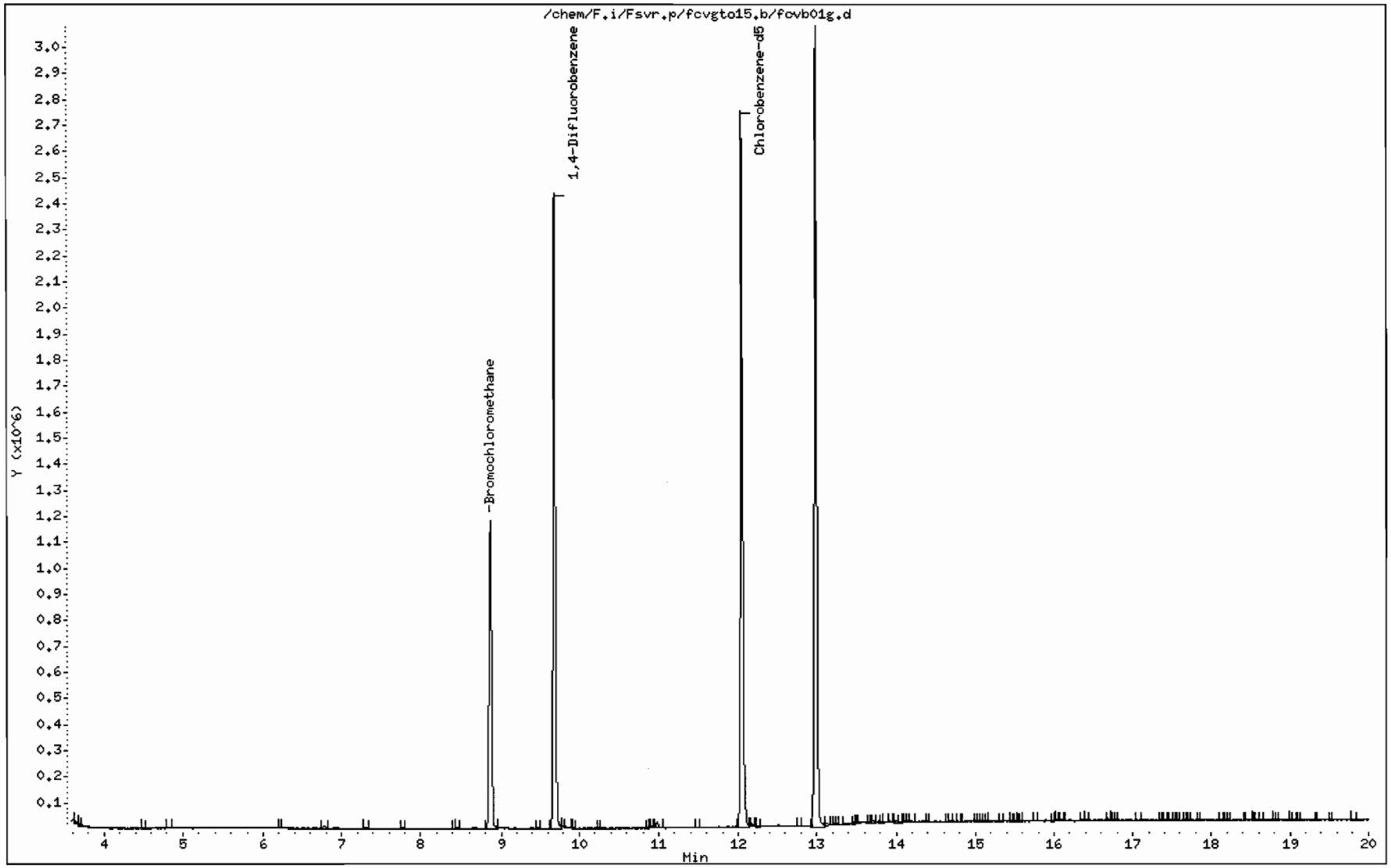
Sample Info:

Purge Volume: 200.0

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvgto15.b/fcvb01g.d
Lab Smp Id: MBLK040109FA Client Smp ID: MBLK040109FA
Inj Date : 01-APR-2009 18:32
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : MBLK040109FA;040109FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvgto15.b/sto15.m
Meth Date : 14-Apr-2009 20:29 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 5 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	8.861	8.861	(1.000)	428978	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	9.685	9.685	(1.000)	2256619	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	12.039	12.039	(1.000)	1938396	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.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK040209FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: MBLK040209FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCVB01H

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/02/09

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.

MBLK040209FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: MBLK040209FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCVB01H

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/02/09

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/F.i/Fsvr.p/fcvhto15.b/fcvb01h.d
Date : 02-APR-2009 17:48
Client ID: MBLK040209FA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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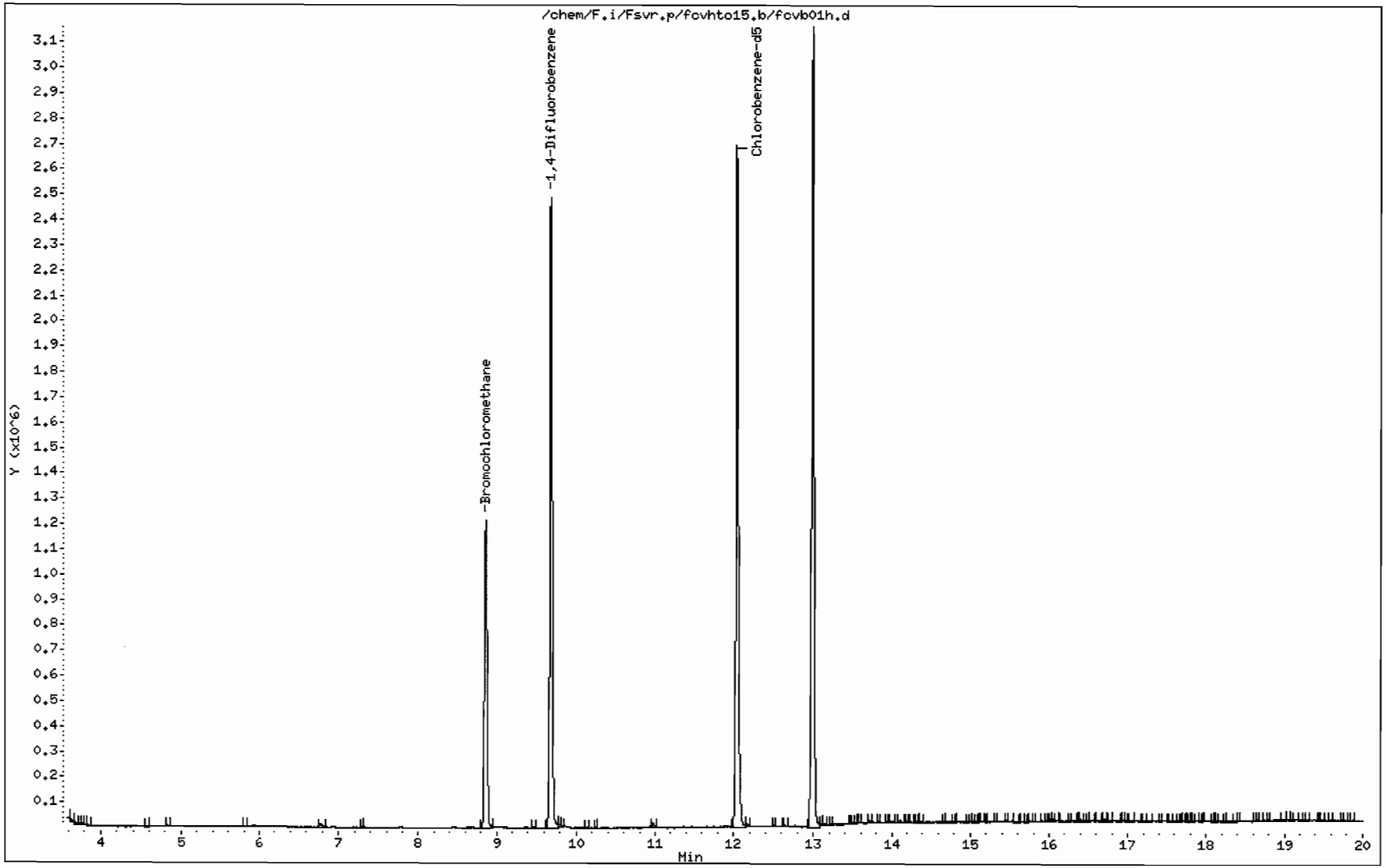
Instrument: F.i
Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/fcvb01h.d
Lab Smp Id: MBLK040209FA Client Smp ID: MBLK040209FA
Inj Date : 02-APR-2009 17:48
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : MBLK040209FA;040209FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.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	8.861	8.861	(1.000)	447530	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	9.685	9.685	(1.000)	2317063	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	12.039	12.039	(1.000)	1969513	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.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK040409FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: MBLK040409FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCVB01I

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/04/09

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.

MBLK040409FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: MBLK040409FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCVB01I

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/04/09

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

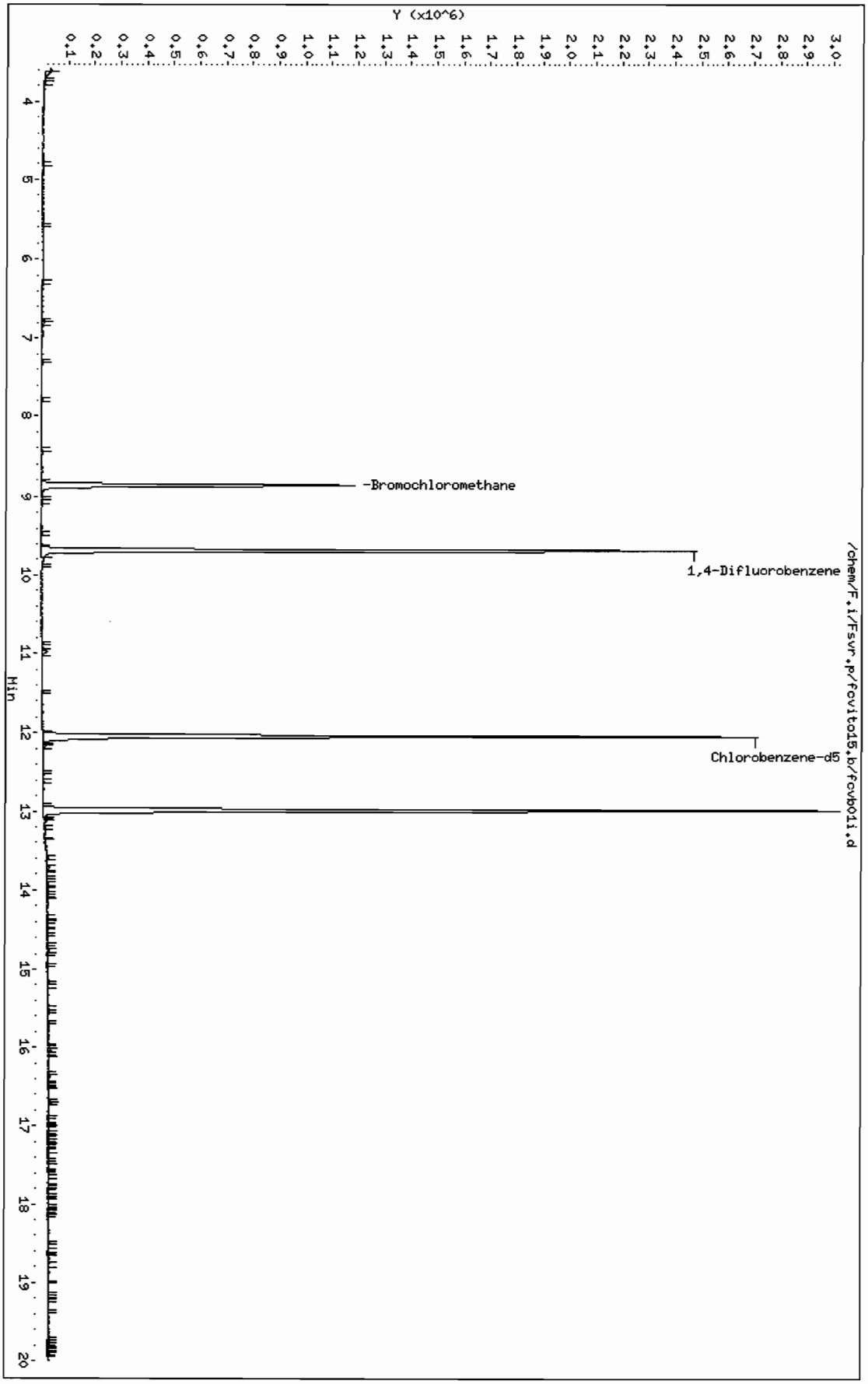
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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/F.i/Fsvr.p/fcvito15.b/fcvb01i.d
Date : 04-APR-2009 12:23
Client ID: HBLK040409FA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



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TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvito15.b/fcvb01i.d
Lab Smp Id: MBLK040409FA Client Smp ID: MBLK040409FA
Inj Date : 04-APR-2009 12:23
Operator : njr Inst ID: F.i
Smp Info :
Misc Info : MBLK040409FA;040409FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvito15.b/sto15.m
Meth Date : 14-Apr-2009 20:38 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.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	8.862	8.861	(1.000)	441540	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	9.685	9.685	(1.000)	2309111	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	12.039	12.039	(1.000)	1952337	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.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK040709FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: MBLK040709FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCVB01J

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/07/09

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.

MBLK040709FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: MBLK040709FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCVB01J

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/07/09

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

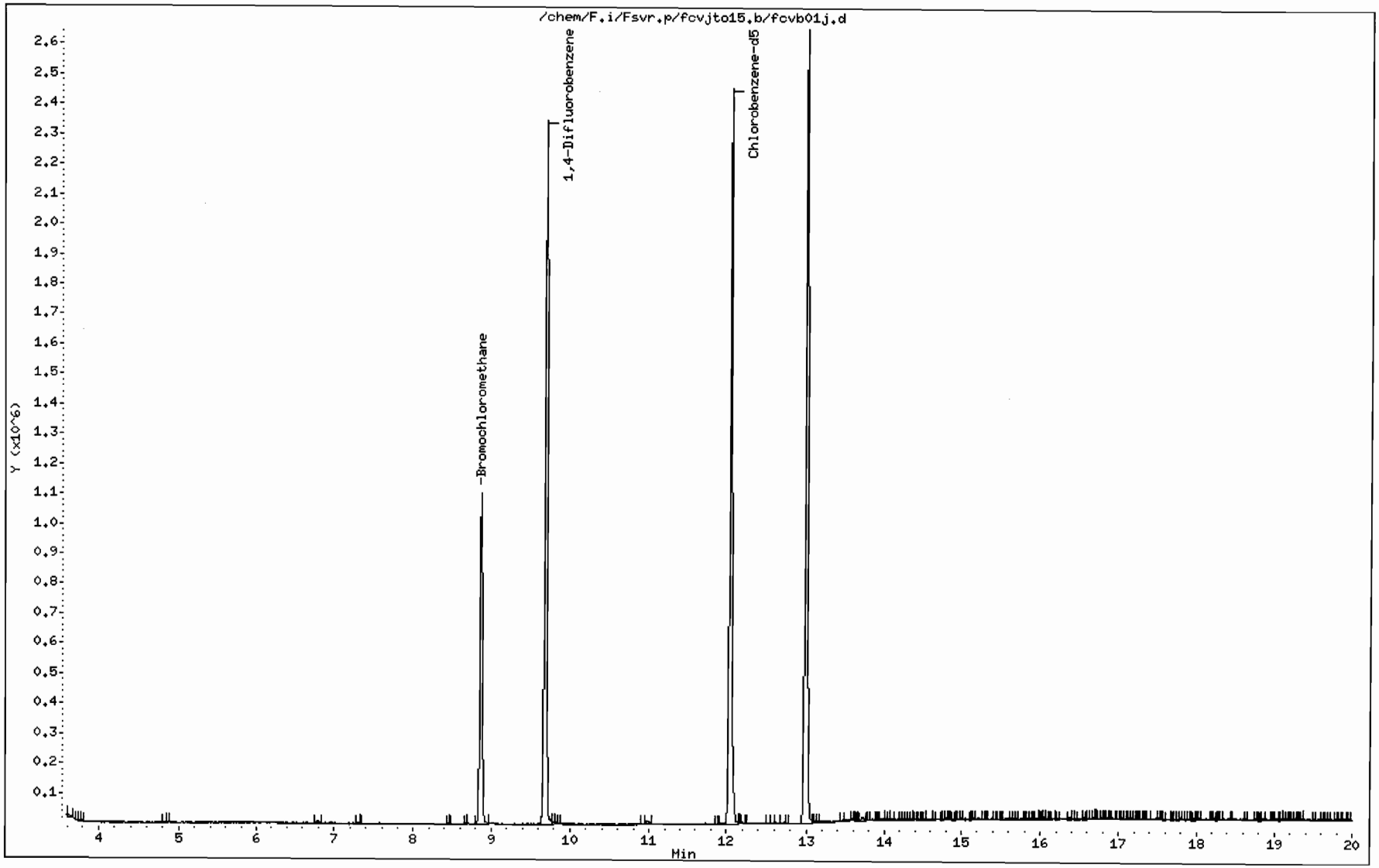
FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvjto15.b/fcvb01j.d
Date : 07-APR-2009 21:17
Client ID: MBLK040709FA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Page 3

Instrument: F.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvjto15.b/fcvb01j.d
Lab Smp Id: MBLK040709FA Client Smp ID: MBLK040709FA
Inj Date : 07-APR-2009 21:17
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : MBLK040709FA;040709FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvjto15.b/sto15.m
Meth Date : 14-Apr-2009 20:40 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.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	8.867	8.861	(1.000)	407867	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	9.686	9.685	(1.000)	2151137	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	12.045	12.039	(1.000)	1783252	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.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA040109LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: FA040109LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCV10GQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/01/09

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	10	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	10	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	9.3	
75-15-0	Carbon Disulfide	10	
75-09-2	Methylene Chloride	9.9	
156-60-5	trans-1,2-Dichloroethene	9.8	
75-34-3	1,1-Dichloroethane	9.9	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	10	
67-66-3	Chloroform	9.9	
71-55-6	1,1,1-Trichloroethane	9.8	
56-23-5	Carbon Tetrachloride	9.9	
71-43-2	Benzene	10	
107-06-2	1,2-Dichloroethane	9.8	
79-01-6	Trichloroethene	9.8	
78-87-5	1,2-Dichloropropane	9.9	
75-27-4	Bromodichloromethane	10	
10061-01-5	cis-1,3-Dichloropropene	9.9	
108-10-1	Methyl Isobutyl Ketone	9.6	
108-88-3	Toluene	9.9	
10061-02-6	trans-1,3-Dichloropropene	9.6	
79-00-5	1,1,2-Trichloroethane	9.8	
127-18-4	Tetrachloroethene	9.8	
591-78-6	Methyl Butyl Ketone	9.7	
124-48-1	Dibromochloromethane	11	
108-90-7	Chlorobenzene	9.8	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	20	
95-47-6	Xylene (o)	9.6	
100-42-5	Styrene	10	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA040109LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: FA040109LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCV10GQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/01/09

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	11	
79-34-5	1,1,2,2-Tetrachloroethane	9.5	

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvgto15.b/fcv10gq.d
Date : 01-APR-2009 17:42
Client ID: FA040109LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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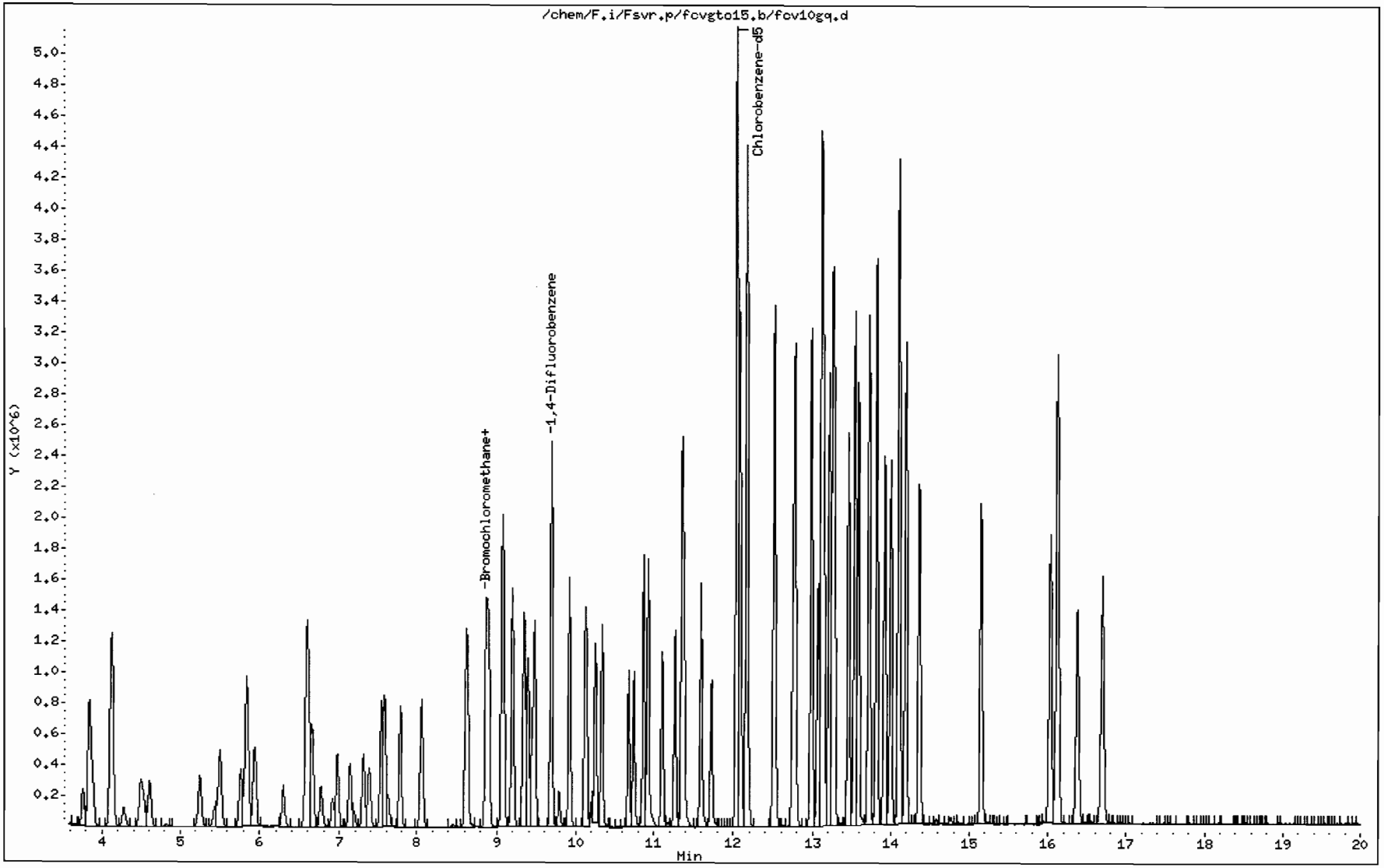
Instrument: F.i
Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvgto15.b/fcv10gq.d
Lab Smp Id: FA040109LCS Client Smp ID: FA040109LCS
Inj Date : 01-APR-2009 17:42
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : FA040109LCS;040109FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvgto15.b/sto15.m
Meth Date : 14-Apr-2009 20:29 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.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	4.282	4.261	(0.483)	210437	9.96928	10
6 Vinyl Chloride	62	4.534	4.518	(0.511)	299238	9.95866	10
9 Bromomethane	94	5.256	5.240	(0.593)	345928	10.5022	11
10 Chloroethane	64	5.443	5.427	(0.614)	171408	10.3852	10
18 1,1-Dichloroethene	96	6.652	6.636	(0.750)	354754	11.0308	11
19 Acetone	43	6.764	6.748	(0.763)	441872	9.26703	9.3
21 Carbon Disulfide	76	6.973	6.962	(0.786)	903172	10.4023	10
24 Methylene Chloride	49	7.305	7.299	(0.824)	288482	9.89360	9.9
27 trans-1,2-Dichloroethene	61	7.578	7.572	(0.855)	477445	9.78465	9.8
29 1,1-Dichloroethane	63	8.064	8.059	(0.910)	578661	9.94281	9.9
30 Methyl Ethyl Ketone	72	8.621	8.615	(0.972)	164832	10.1546	10(Q)
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	395590	10.4271	10
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	431489	10.0000	
34 Chloroform	83	8.899	8.894	(1.004)	819973	9.87529	9.9
35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	994076	9.75454	9.8

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	9.199	9.193	(0.950)	1098936	9.86856	9.9
39 Benzene	78	9.391	9.386	(0.970)	1066462	10.1351	10
41 1,2-Dichloroethane	62	9.439	9.439	(0.975)	604808	9.78018	9.8
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2244889	10.0000	
45 Trichloroethene	95	9.915	9.915	(1.024)	539212	9.75481	9.8
47 1,2-Dichloropropane	63	10.135	10.129	(1.046)	313290	9.86411	9.9
50 Bromodichloromethane	83	10.333	10.333	(1.067)	925757	10.2383	10
51 cis-1,3-Dichloropropene	75	10.680	10.680	(1.103)	624648	9.87691	9.9
52 Methyl Isobutyl Ketone	43	10.745	10.745	(1.109)	599977	9.63205	9.6
54 Toluene	92	10.927	10.926	(0.908)	854794	9.89120	9.9
55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.147)	694456	9.60689	9.6
56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	350075	9.80156	9.8
57 Tetrachloroethene	166	11.360	11.360	(0.944)	847530	9.76239	9.8
58 Methyl Butyl Ketone	43	11.387	11.381	(0.946)	595040	9.67016	9.7
59 Dibromochloromethane	129	11.595	11.595	(0.963)	985964	10.9304	11
* 61 Chlorobenzene-d5	117	12.039	12.039	(1.000)	1976692	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	1209157	9.84241	9.8
63 Ethylbenzene	91	12.082	12.082	(1.004)	1958763	9.97612	10
64 Xylene (m,p)	106	12.168	12.168	(1.011)	1550473	19.5723	20
65 Xylene (o)	106	12.505	12.505	(1.039)	721038	9.55853	9.6
66 Styrene	104	12.521	12.521	(1.040)	1139115	10.2145	10
67 Bromoform	173	12.751	12.751	(1.059)	946901	10.7596	11
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.086)	868836	9.48753	9.5

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA040209LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: FA040209LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCV10HQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/02/09

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	9.6	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	10	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	9.0	
75-15-0	Carbon Disulfide	10	
75-09-2	Methylene Chloride	9.6	
156-60-5	trans-1,2-Dichloroethene	9.5	
75-34-3	1,1-Dichloroethane	9.6	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	10	
67-66-3	Chloroform	9.6	
71-55-6	1,1,1-Trichloroethane	9.5	
56-23-5	Carbon Tetrachloride	9.5	
71-43-2	Benzene	9.8	
107-06-2	1,2-Dichloroethane	9.0	
79-01-6	Trichloroethene	9.5	
78-87-5	1,2-Dichloropropane	9.8	
75-27-4	Bromodichloromethane	10	
10061-01-5	cis-1,3-Dichloropropene	9.5	
108-10-1	Methyl Isobutyl Ketone	9.4	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	9.4	
79-00-5	1,1,2-Trichloroethane	9.7	
127-18-4	Tetrachloroethene	9.9	
591-78-6	Methyl Butyl Ketone	9.5	
124-48-1	Dibromochloromethane	11	
108-90-7	Chlorobenzene	9.6	
100-41-4	Ethylbenzene	9.7	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.4	
100-42-5	Styrene	10	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA040209LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: FA040209LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCV10HQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/02/09

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

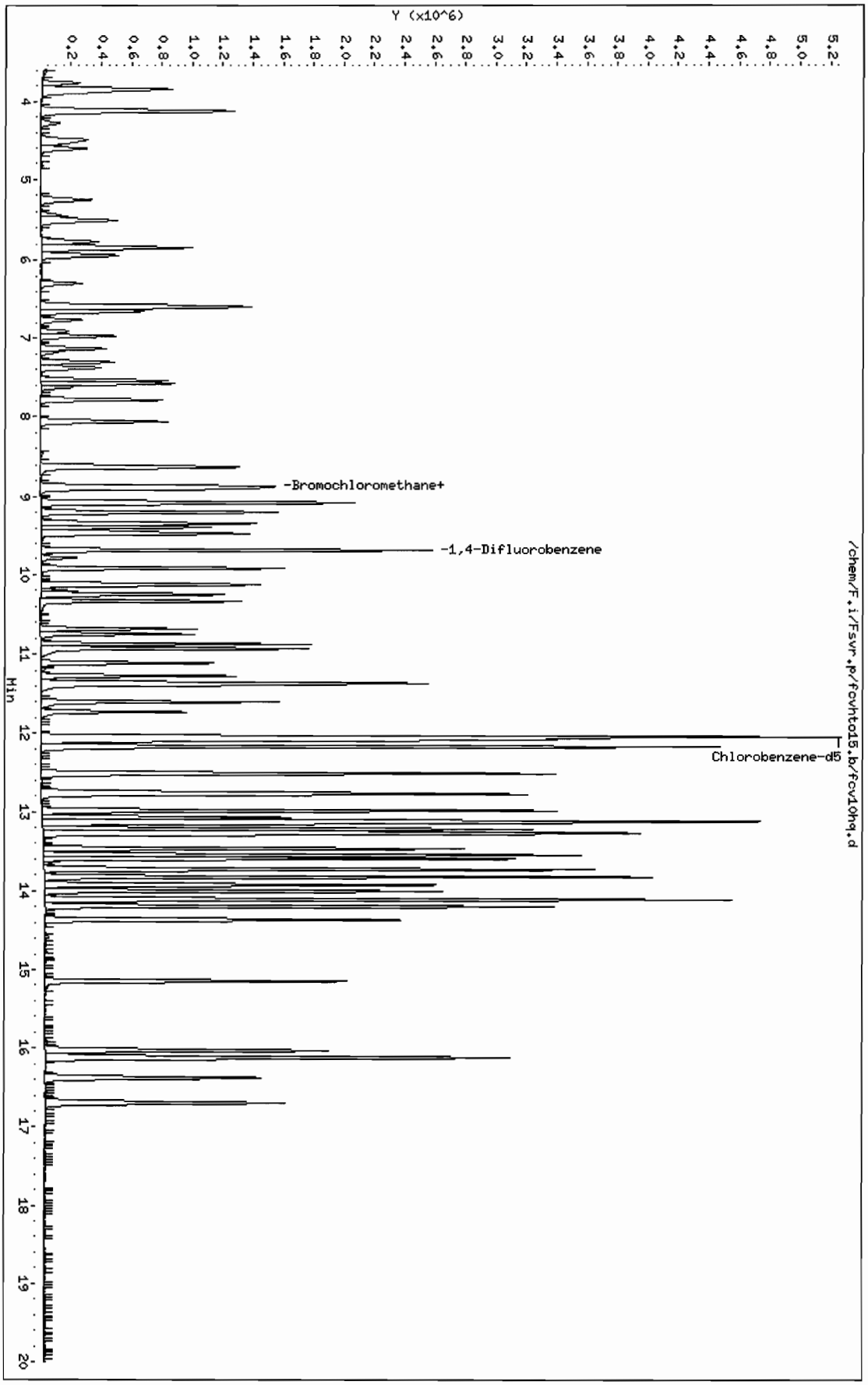
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	11	
79-34-5	1,1,2,2-Tetrachloroethane	9.5	

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvhto15.b/fcv10hq.d
Date : 02-APR-2009 16:58
Client ID: FA040209LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: F.i
Operator: wrd
Column diameter: 0.32



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TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvhto15.b/fcv10hq.d
Lab Smp Id: FA040209LCS Client Smp ID: FA040209LCS
Inj Date : 02-APR-2009 16:58
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : FA040209LCS;040209FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvhto15.b/sto15.m
Meth Date : 14-Apr-2009 20:33 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 3 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	4.277	4.261	(0.482)	212736	9.49799	9.5
6 Vinyl Chloride	62	4.534	4.518	(0.511)	305945	9.59571	9.6
9 Bromomethane	94	5.256	5.240	(0.593)	358633	10.2611	10
10 Chloroethane	64	5.443	5.427	(0.614)	175438	10.0175	10
18 1,1-Dichloroethene	96	6.652	6.636	(0.750)	379323	11.1157	11
19 Acetone	43	6.764	6.748	(0.763)	456172	9.01616	9.0
21 Carbon Disulfide	76	6.973	6.962	(0.786)	945198	10.2596	10
24 Methylene Chloride	49	7.310	7.299	(0.824)	297306	9.60923	9.6
27 trans-1,2-Dichloroethene	61	7.577	7.572	(0.855)	491920	9.50092	9.5
29 1,1-Dichloroethane	63	8.064	8.059	(0.909)	592599	9.59611	9.6
30 Methyl Ethyl Ketone	72	8.621	8.615	(0.972)	171515	9.95804	10(Q)
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	413594	10.2740	10
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	457847	10.0000	
34 Chloroform	83	8.899	8.894	(1.004)	846215	9.60462	9.6
35 1,1,1-Trichloroethane	97	9.070	9.065	(0.936)	1027181	9.54133	9.5

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	9.198	9.193	(0.950)	1118180	9.50534	9.5
39 Benzene	78	9.391	9.386	(0.970)	1092160	9.82528	9.8
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	584848	8.95255	9.0
* 43 1,4-Difluorobenzene	114	9.685	9.685	(1.000)	2371486	10.0000	
45 Trichloroethene	95	9.915	9.915	(1.024)	556731	9.53409	9.5
47 1,2-Dichloropropane	63	10.135	10.129	(1.046)	327596	9.76392	9.8
50 Bromodichloromethane	83	10.338	10.333	(1.067)	960874	10.0594	10
51 cis-1,3-Dichloropropene	75	10.680	10.680	(1.103)	636131	9.52153	9.5
52 Methyl Isobutyl Ketone	43	10.745	10.745	(1.109)	618234	9.39531	9.4
54 Toluene	92	10.926	10.926	(0.907)	904056	10.0690	10
55 trans-1,3-Dichloropropene	75	11.108	11.108	(1.147)	717072	9.39020	9.4
56 1,1,2-Trichloroethane	83	11.269	11.269	(0.936)	359007	9.67475	9.7
57 Tetrachloroethene	166	11.360	11.360	(0.943)	890072	9.86799	9.9
58 Methyl Butyl Ketone	43	11.386	11.381	(0.945)	606540	9.48744	9.5
59 Dibromochloromethane	129	11.595	11.595	(0.963)	1000637	10.6772	11
* 61 Chlorobenzene-d5	117	12.044	12.039	(1.000)	2053698	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	1228732	9.62672	9.6
63 Ethylbenzene	91	12.082	12.082	(1.003)	1987355	9.74222	9.7
64 Xylene (m,p)	106	12.168	12.168	(1.010)	1585501	19.2640	19
65 Xylene (o)	106	12.510	12.505	(1.039)	735745	9.38778	9.4
66 Styrene	104	12.521	12.521	(1.040)	1161361	10.0235	10
67 Bromoform	173	12.756	12.751	(1.059)	962718	10.5291	11
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.085)	906040	9.52281	9.5

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA040409LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: FA040409LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCV10IQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/04/09

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	9.5	
74-83-9	Bromomethane	9.6	
75-00-3	Chloroethane	9.3	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	9.0	
75-15-0	Carbon Disulfide	10	
75-09-2	Methylene Chloride	9.7	
156-60-5	trans-1,2-Dichloroethene	9.6	
75-34-3	1,1-Dichloroethane	9.7	
78-93-3	Methyl Ethyl Ketone	9.9	
156-59-2	cis-1,2-Dichloroethene	10	
67-66-3	Chloroform	9.7	
71-55-6	1,1,1-Trichloroethane	9.6	
56-23-5	Carbon Tetrachloride	9.6	
71-43-2	Benzene	9.9	
107-06-2	1,2-Dichloroethane	9.3	
79-01-6	Trichloroethene	9.6	
78-87-5	1,2-Dichloropropane	9.7	
75-27-4	Bromodichloromethane	10	
10061-01-5	cis-1,3-Dichloropropene	9.7	
108-10-1	Methyl Isobutyl Ketone	9.4	
108-88-3	Toluene	9.7	
10061-02-6	trans-1,3-Dichloropropene	9.5	
79-00-5	1,1,2-Trichloroethane	9.4	
127-18-4	Tetrachloroethene	9.5	
591-78-6	Methyl Butyl Ketone	9.1	
124-48-1	Dibromochloromethane	11	
108-90-7	Chlorobenzene	9.7	
100-41-4	Ethylbenzene	9.8	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.5	
100-42-5	Styrene	10	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA040409LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: FA040409LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCV10IQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/04/09

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

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

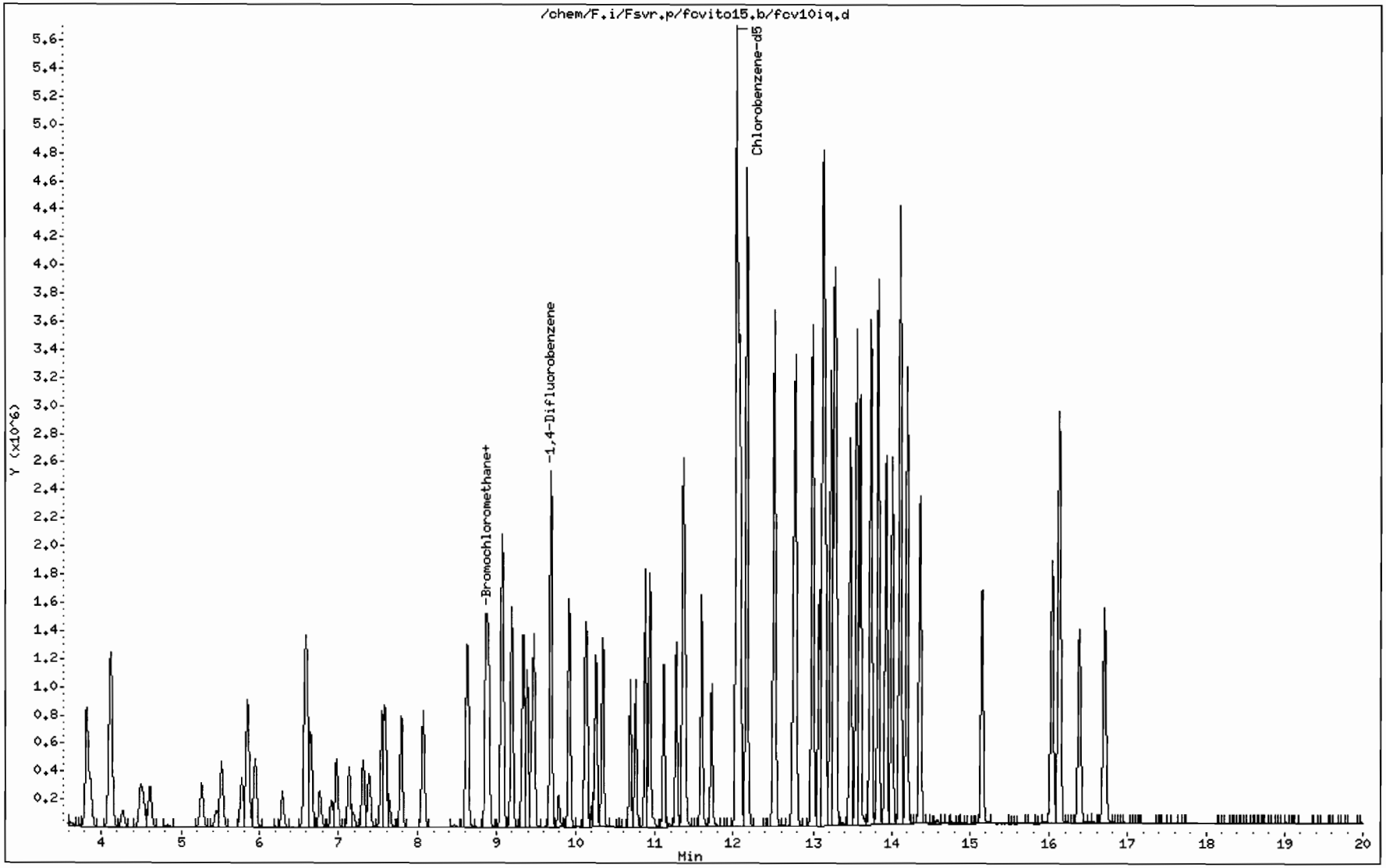
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	11	
79-34-5	1,1,2,2-Tetrachloroethane	9.3	

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvito15.b/fcv10iq.d
Date : 04-APR-2009 11:33
Client ID: FA040409LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Page 3

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvito15.b/fcv10iq.d
Lab Smp Id: FA040409LCS Client Smp ID: FA040409LCS
Inj Date : 04-APR-2009 11:33
Operator : njr Inst ID: F.i
Smp Info :
Misc Info : FA040409LCS;040409FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvito15.b/sto15.m
Meth Date : 14-Apr-2009 20:38 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 3 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	4.271	4.261	(0.482)	209497	9.53511	9.5
6 Vinyl Chloride	62	4.534	4.518	(0.511)	295808	9.45803	9.5
9 Bromomethane	94	5.256	5.240	(0.593)	327555	9.55396	9.6
10 Chloroethane	64	5.448	5.427	(0.614)	159552	9.28738	9.3
18 1,1-Dichloroethene	96	6.652	6.636	(0.750)	368867	11.0194	11
19 Acetone	43	6.764	6.748	(0.763)	445785	8.98205	9.0
21 Carbon Disulfide	76	6.973	6.962	(0.786)	926860	10.2560	10
24 Methylene Chloride	49	7.310	7.299	(0.824)	295335	9.73098	9.7
27 trans-1,2-Dichloroethene	61	7.583	7.572	(0.855)	486495	9.57870	9.6
29 1,1-Dichloroethane	63	8.064	8.059	(0.909)	585564	9.66642	9.7
30 Methyl Ethyl Ketone	72	8.626	8.615	(0.973)	166657	9.86399	9.9(Q)
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.974)	403864	10.2273	10
* 32 Bromochloromethane	128	8.867	8.861	(1.000)	449121	10.0000	
34 Chloroform	83	8.904	8.894	(1.004)	834629	9.65717	9.7
35 1,1,1-Trichloroethane	97	9.075	9.065	(0.936)	1029001	9.63847	9.6

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	9.199	9.193	(0.949)	1123951	9.63460	9.6
39 Benzene	78	9.391	9.386	(0.969)	1093089	9.91619	9.9
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	599753	9.25778	9.3
* 43 1,4-Difluorobenzene	114	9.691	9.685	(1.000)	2351743	10.0000	
45 Trichloroethene	95	9.915	9.915	(1.023)	557982	9.63573	9.6
47 1,2-Dichloropropane	63	10.135	10.129	(1.046)	323197	9.71368	9.7
50 Bromodichloromethane	83	10.338	10.333	(1.067)	956155	10.0940	10
51 cis-1,3-Dichloropropene	75	10.680	10.680	(1.102)	640790	9.67178	9.7
52 Methyl Isobutyl Ketone	43	10.750	10.745	(1.109)	614783	9.42130	9.4
54 Toluene	92	10.932	10.926	(0.908)	898990	9.69603	9.7
55 trans-1,3-Dichloropropene	75	11.114	11.108	(1.147)	720719	9.51719	9.5
56 1,1,2-Trichloroethane	83	11.274	11.269	(0.936)	360628	9.41121	9.4
57 Tetrachloroethene	166	11.360	11.360	(0.943)	887029	9.52336	9.5
58 Methyl Butyl Ketone	43	11.387	11.381	(0.945)	600513	9.09623	9.1
59 Dibromochloromethane	129	11.595	11.595	(0.963)	1022427	10.5648	11
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	2120740	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	1277025	9.68879	9.7
63 Ethylbenzene	91	12.087	12.082	(1.004)	2062749	9.79215	9.8
64 Xylene (m,p)	106	12.168	12.168	(1.010)	1627512	19.1493	19
65 Xylene (o)	106	12.510	12.505	(1.039)	771419	9.53180	9.5
66 Styrene	104	12.521	12.521	(1.040)	1212217	10.1317	10
67 Bromoform	173	12.756	12.751	(1.059)	1013187	10.7308	11
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.085)	917800	9.34147	9.3

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA040709LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: FA040709LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCV10JQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/07/09

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	9.4	
75-01-4	Vinyl Chloride	9.5	
74-83-9	Bromomethane	9.5	
75-00-3	Chloroethane	9.0	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	9.2	
75-15-0	Carbon Disulfide	9.9	
75-09-2	Methylene Chloride	9.4	
156-60-5	trans-1,2-Dichloroethene	9.3	
75-34-3	1,1-Dichloroethane	9.4	
78-93-3	Methyl Ethyl Ketone	9.5	
156-59-2	cis-1,2-Dichloroethene	9.9	
67-66-3	Chloroform	9.5	
71-55-6	1,1,1-Trichloroethane	9.6	
56-23-5	Carbon Tetrachloride	9.6	
71-43-2	Benzene	9.6	
107-06-2	1,2-Dichloroethane	9.4	
79-01-6	Trichloroethene	9.5	
78-87-5	1,2-Dichloropropane	9.3	
75-27-4	Bromodichloromethane	10	
10061-01-5	cis-1,3-Dichloropropene	9.3	
108-10-1	Methyl Isobutyl Ketone	9.1	
108-88-3	Toluene	9.3	
10061-02-6	trans-1,3-Dichloropropene	9.4	
79-00-5	1,1,2-Trichloroethane	9.1	
127-18-4	Tetrachloroethene	9.6	
591-78-6	Methyl Butyl Ketone	8.9	
124-48-1	Dibromochloromethane	10	
108-90-7	Chlorobenzene	9.3	
100-41-4	Ethylbenzene	9.3	
1330-20-7	Xylene (m,p)	18	
95-47-6	Xylene (o)	8.9	
100-42-5	Styrene	9.4	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA040709LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: FA040709LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FCV10JQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/07/09

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

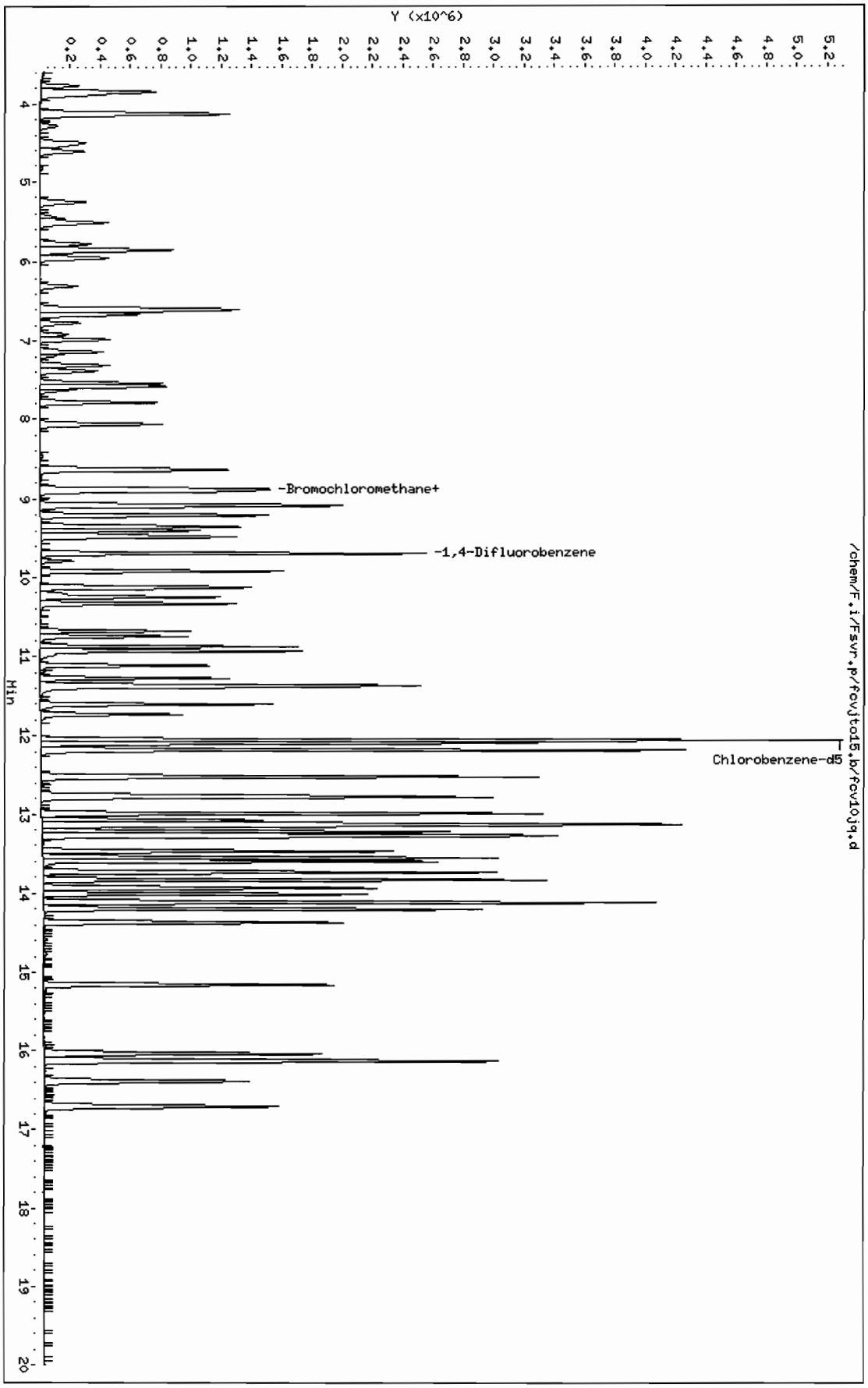
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	10	
79-34-5	1,1,2,2-Tetrachloroethane	8.6	

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fcvjtc15.b/fcv10jq.d
Date : 07-APR-2009 20:26
Client ID: FA040709LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: F.i
Operator: pad
Column diameter: 0.32



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TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fcvjto15.b/fcv10jq.d
Lab Smp Id: FA040709LCS Client Smp ID: FA040709LCS
Inj Date : 07-APR-2009 20:26
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : FA040709LCS;040709FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fcvjto15.b/sto15.m
Meth Date : 14-Apr-2009 20:40 jd1 Quant Type: ISTD
Cal Date : 25-MAR-2009 18:00 Cal File: fcv40v.d
Als bottle: 3 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	4.288	4.261	(0.483)	205245	9.42934	9.4
6 Vinyl Chloride	62	4.539	4.518	(0.512)	293266	9.46484	9.5
9 Bromomethane	94	5.261	5.240	(0.593)	322451	9.49345	9.5
10 Chloroethane	64	5.448	5.427	(0.614)	153380	9.01199	9.0
18 1,1-Dichloroethene	96	6.658	6.636	(0.750)	356923	10.7627	11
19 Acetone	43	6.764	6.748	(0.762)	451427	9.18118	9.2
21 Carbon Disulfide	76	6.979	6.962	(0.787)	885718	9.89284	9.9
24 Methylene Chloride	49	7.310	7.299	(0.824)	283502	9.42885	9.4
27 trans-1,2-Dichloroethene	61	7.583	7.572	(0.855)	469912	9.33912	9.3
29 1,1-Dichloroethane	63	8.070	8.059	(0.910)	563183	9.38430	9.4
30 Methyl Ethyl Ketone	72	8.626	8.615	(0.972)	158979	9.49794	9.5(Q)
31 cis-1,2-Dichloroethene	96	8.637	8.631	(0.973)	388941	9.94188	9.9
* 32 Bromochloromethane	128	8.872	8.861	(1.000)	444941	10.0000	
34 Chloroform	83	8.904	8.894	(1.004)	817054	9.54263	9.5
35 1,1,1-Trichloroethane	97	9.076	9.065	(0.936)	999909	9.56357	9.6

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
37 Carbon Tetrachloride	117	9.204	9.193	(0.950)	1100662	9.63402	9.6
39 Benzene	78	9.397	9.386	(0.970)	1033135	9.57004	9.6
41 1,2-Dichloroethane	62	9.445	9.439	(0.975)	595442	9.38515	9.4
* 43 1,4-Difluorobenzene	114	9.691	9.685	(1.000)	2303153	10.0000	
45 Trichloroethene	95	9.921	9.915	(1.024)	537566	9.47902	9.5
47 1,2-Dichloropropane	63	10.140	10.129	(1.046)	304478	9.34414	9.3
50 Bromodichloromethane	83	10.338	10.333	(1.067)	932394	10.0508	10
51 cis-1,3-Dichloropropene	75	10.686	10.680	(1.103)	604041	9.30945	9.3
52 Methyl Isobutyl Ketone	43	10.750	10.745	(1.109)	580502	9.08364	9.1
54 Toluene	92	10.932	10.926	(0.908)	833100	9.25709	9.3
55 trans-1,3-Dichloropropene	75	11.114	11.108	(1.147)	694069	9.35864	9.4
56 1,1,2-Trichloroethane	83	11.274	11.269	(0.936)	338894	9.11146	9.1
57 Tetrachloroethene	166	11.365	11.360	(0.944)	863454	9.55059	9.6
58 Methyl Butyl Ketone	43	11.387	11.381	(0.945)	571248	8.91460	8.9
59 Dibromochloromethane	129	11.601	11.595	(0.963)	979894	10.4315	10
* 61 Chlorobenzene-d5	117	12.045	12.039	(1.000)	2058491	10.0000	
62 Chlorobenzene	112	12.066	12.066	(1.002)	1185329	9.26505	9.3
63 Ethylbenzene	91	12.087	12.082	(1.004)	1893407	9.26006	9.3
64 Xylene (m,p)	106	12.173	12.168	(1.011)	1515453	18.3700	18
65 Xylene (o)	106	12.510	12.505	(1.039)	701919	8.93532	8.9
66 Styrene	104	12.521	12.521	(1.040)	1095135	9.42991	9.4
67 Bromoform	173	12.756	12.751	(1.059)	932585	10.1758	10
69 1,1,2,2-Tetrachloroethane	83	13.072	13.072	(1.085)	816167	8.55824	8.6

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Sample Preparation – TO-15 Volatile

TestAmerica Burlington - Manual Integration Summary
SDG: 130896 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	
ASTD0005	ASTD0005	INIT. CALIB.	F	RTX-624	25-MAR-2009 13:52	FCV005V		JPD 04/14/09	
	4.266	Chloromethane			MI1 - Poor automated baseline		klp 04/01/09 09:55		
	5.925	Pentane			MI1 - Poor automated baseline		klp 04/01/09 09:56		
790309	25VP-34V2	SAMPLE	F	RTX-624	02-APR-2009 10:22	790309D			
	4.528	Vinyl Chloride			MI1 - Poor automated baseline		jd1 04/14/09 18:43	JPD 04/14/09	
	7.578	trans-1,2-Dichloroethene			MI1 - Poor automated baseline		njr 04/02/09 12:09	NJR 4/15/09	
790292	16VP-21V3	SAMPLE	F	RTX-624	02-APR-2009 12:01	790292D			
	9.439	1,2-Dichloroethane			MI1 - Poor automated baseline		wrd 04/02/09 14:11	WMD 4/14/09	
790296	24VP-24V4	SAMPLE	F	RTX-624	02-APR-2009 13:40	790296D			
	4.517	Vinyl Chloride			MI1 - Poor automated baseline		jd1 04/14/09 18:39	JPD 04/14/09	
	9.391	Benzene			MI1 - Poor automated baseline		jd1 04/14/09 18:40		
	9.439	1,2-Dichloroethane			MI2 - Peak missed		jd1 04/14/09 18:41		
790299	24VP-26V5.5	SAMPLE	F	RTX-624	02-APR-2009 22:45	790299D			
	9.070	1,1,1-Trichloroethane			MI2 - Peak missed		jd1 04/14/09 18:05		
	9.391	Benzene			MI2 - Peak missed		jd1 04/14/09 18:06		
	9.445	1,2-Dichloroethane			MI2 - Peak missed		jd1 04/14/09 18:07		
790301	24VP-30V2	SAMPLE	F	RTX-624	02-APR-2009 23:58	790301D			
	9.439	1,2-Dichloroethane			MI2 - Peak missed		jd1 04/14/09 18:10		
790291	16VP-22V3	SAMPLE	F	RTX-624	03-APR-2009 01:37	790291D			
	9.439	1,2-Dichloroethane			MI1 - Poor automated baseline		jd1 04/14/09 18:00		

Summary Generated: jd1 04/14/2009 21:06 Secondary Review(1): KLP | 04/15/09 Secondary Review(2): _____ | _____ Page 1

TestAmerica Burlington - Manual Integration Summary
SDG: 130896 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
790307	25VP-35V6.5	SAMPLE		F RTX-624	03-APR-2009 04:07	790307D			JBD 04/14/09
	9.386	Benzene			MI1 - Poor automated baseline		jd1	04/14/09 18:21	
	9.439	1,2-Dichloroethane			MI1 - Poor automated baseline		jd1	04/14/09 18:21	
790311	25VP-32V2	SAMPLE		F RTX-624	03-APR-2009 04:57	790311D			
	9.391	Benzene			MI2 - Peak missed		jd1	04/14/09 18:26	
790295	24VP-23V3.5	SAMPLE		F RTX-624	04-APR-2009 15:43	790295D2			
	9.391	Benzene			MI2 - Peak missed		jd1	04/14/09 19:19	
790312	25VP-37V11.5	SAMPLE		F RTX-624	07-APR-2009 22:03	790312D2			
	12.510	Xylene (o)			MI2 - Peak missed		jd1	04/14/09 19:45	

Summary Generated: jd1 04/14/2009 21:06 Secondary Review(1): KLP 04/15/09 Secondary Review(2): _____ Page 2

TestAmerica Burlington - Manual Integration Summary
SDG: fcvto15 curve 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
ASTD0005	ASTD0005	INIT. CALIB.	F RTX-624		25-MAR-2009 13:52	FCV005V
	4.266	Chloromethane			MI1 - Poor automated baseline	klp 04/01/09 09:55	KLP 04/01/09
	5.925	Pentane			MI1 - Poor automated baseline	klp 04/01/09 09:56	

Summary Generated: klp 04/01/2009 10:48 Secondary Review(1): CMP 1 04/01/09 Secondary Review(2): _____ 1 _____ Page 1

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: FCV	Start Date: 03/25/09	Time: 0857	ISTD Lot #: AT0201202	Instrument ID: F
Test Method: TO15	End Date: 03/26/09	Time: 0857	CAL STD Lot # See comments	Instrument: 5973
ICAL Date: 03/25/09			ICV / LCS Lot # See comments	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial		Nick Rooney / NJR	Paul Daigle		
Signature		[signature]	[signature] PAD		

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
0857	FCV01PV	N/A	BFB	N/A	N/A	N/A	NJR	N/A	✓	WRD	
1033	FCVB01	4635	IBLK		1	200		✓	✓		
1122	FCVB02		IBLK		1			✓	✓		
1212	FCVB03		IBLK		1			✓	✓		
1302	FCV002V	6526	Level 1		2			✓	✓		AT03190907
1352	FCV005V	3203	Level 2		3			✓	✓		06
1442	FCV05V	3640	Level 3/4		4			✓	✓		AT03180915
1532	FCV10V	6731	Level 4/5		5			✓	✓		AT02030902
1622	FCV15V	4453	Level 5/6		6			✓	✓	PAD	AT03180911
1711	FCV20V	6886	Level 6/7		7			✓	✓		AT03180910
1800	FCV40V	3510	Level 7/8		8			✓	✓		AT03180909
1939	FCV10Q	2874	ICV		9	200	PAD	✓	✓		All Good AT03200903
2029	FCV10QD	3968	LCSD		10	200		✓	✓		" AT03200904
1850	FCVB04	4635	IBLK		1	200		✓	✓		
2118	FCVB05		MBLK		1	200		✓	✓		
2208	FCV002Q	6526	0.2RLLCS		2			✓	✓		AT03190907
2301	FCV005Q	3203	0.5RLLCS		3			✓	✓	NJR	06
2351	FCV05Q	3640	5.0RLLCS		4			✓	✓		AT03180915
0041	4923	N/A	N/A	0.4	5	500		✓	✓		
0131	4911				6			✓	✓		
0220	4928				7			✓	✓		
0310	4916				8			✓	✓		
0359	4929				9			✓	✓		
0449	4917				10			✓	✓		
0539	4912				11			✓	✓		
0630	4906				12			✓	✓		
	4909				13						PAD 3/25/09

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID: FCVG	Start Date: 4/1/09	Time: 1538		ISTD Lot #: AT-02-012-02	Instrument ID: F
Test Method: TO15	End Date: 4/2/09	Time: 1538		CAL STD Lot # AT02060907	Instrument: 5973
ICAL Date: 3/25/09				ICV / LCS Lot # AT03200907	Column Type: RTX-624

	Manager	Analyst MWD	Analyst	Analyst	Analyst
Name/Initial		William Dashbrook			
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
1538	FCV08PV	N/A	BFB	N/A	N/A	N/A	WRD	N/A	✓	WRD	
1648	FCV10GV	3000	CCV		2	200			✓	PAD	Good 74
1742	FCV10GQ	3503	LCS		3	200	PAD	✓	✓		"
1832	FCVB01G	4635	MBLK		4	200		✓	✓		
1922	FCVB02G		MBLK (0.8)		4	250		✓	✓		
2011	790541D	2982	130922	60.3	1	14		✓	↑		cdf 4.22 RCE 44 R 1:100
2101	790540	3815		10	2	20		✓	✓		C
0021	790542	4847		10	3	20		✓	✓		
2241	790541D2	2982	130922	101	1	31		✓	✓	PAD	cdf 15.7 C
2151	791031	1639	130996	1	5	200		✓	✓		C
2331	790934D	Bag	130973	50	6	40		✓	✓	NTK	df 10 C
0110	790524	4564	130920	0.8	7	250		✓	✓		C
0201	790527	4333			8			✓	✓		C
0251	790528	3259			9			✓	✓		C
0341	790530	4143			10			✓	✓		C
0432	790532	4365			11			✓	✓		C
0522	791095	4301	131001	1	12	200		✓	✓		R Curve D.N. Support
0613	791096	4823			13			✓	✓		1:5T
0703	791097	2721			14			✓	↑		1:2
0753	791098	2920			15			✓			
	~~791099~~	~~4830~~			~~16~~						
	791100	4832			2						
	~~791101~~	~~4336~~			~~5~~						NTK 4/02/09
0843	790541D3	2982	130922	20	1	157	PAD	✓	✓		cdf 15.7 C
0932	790930	2957	130969	1	4	200		✓	↑		
1022	790309d	3503	130896	2	2	100	NTK	✓	✓	✓	C
1111	790310	4072			5	200		✓	✓	✓	C

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence	FCU6			Standard Traceability	Instrument Information
Batch ID:	TO15	Start Date: 4/1/09	Time: 1538	ISTD Lot #:	Instrument ID: F
Test Method:	7	End Date: 4/2/09	Time: 1538	CAL STD Lot #	Instrument: 5973
ICAL Date:	3/25/09			ICV / LCS Lot #	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
1201	790292d	4239	130896	12.1	6	20	NJR	✓	✓	WND	CDF 1.21 TICM
1250	790294d	4288	↓	9.55	7	40	↓	✓	✓	↓	1.51
1346	790296d	4356	↓	12.6	8	20	↓	✓	✓	↓	1.26 – TICM
1429	790930D	2952	130969	20.9	4	49	WND	✓	✓	↓	CDF=4.91 C

4/2/09

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: FCVH	Start Date: 4/2/09	Time: 1572	ISTD Lot #: AT-02-08-02	Instrument ID: F
Test Method: TO15	End Date: 4/3/09	Time: 1572	CAL STD Lot # AT-020609-07	Instrument: 5973
ICAL Date: 3/25/09			ICV / LCS Lot # AT032007 07	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
1512	FCV09PV	N/A	BFB	NA	N/A	N/A	WND	N/A	✓	WND	
1608	FCV10HV	3000	CCV		2	200		~~N/A~~	✓	✓	all Good
1658	FCV10HQ	3503	LCS		3	200		✓	✓	PAD	"
1748	FCVB01H	4635	MBLK	✓	4	200	✓	✓	✓		
1838	791111D	Bag	131003	3230	1	31	PAD	✓	✓		df 500 C
1927	791112D			500	2	20		✓	✓		df 50 C
2017	791114D			18.2	3	11		✓	✓		C
2107	791113D			1150	1	87		✓	✓		df 500 C
2156	791114DP	✓	✓	20	3	10		✓	✓		C
2245	790299D	4387	130896	5	4	40		✓	✓		C
2358	790301D	3627		10	5	20		✓	✓		C
0048	790304D	4309	✓	20	6	10		✓	✓	✓	High Tic's C
	~~790309D~~			2	7	100					PAD
	~~790310~~			1	~~68~~	~~200~~					4/2/09
0137	~~790299D~~ 790291D	4139	130896	99.1	7	23	PAD	✓	✓	PAD	cdf 11.4 C
0227	790300D	3205		40.3	8	23		✓	↑		4.64 VC69 R 1:100
0317	790302D	4010		39.9	9	22		✓	✓		4.39 C
0407	790307D	4302		50.6	10	19		✓	✓		4.81 C
0457	790311D	3319		99.2	11	24		✓	✓		11.9 High Tic's C
0849	790293D	3321		3670	12	40		✓	✓		cdf 733 C
0939	790295D	3138		7030	13	24		✓	↑		844 To160 R 1:15000
1028	790297D	2733		6660	14	29		✓	↑		965 To142 R 1:10000
1118	790298D	4775		6210	15	30		✓	↑		931 To149 R 1:11000
1208	790303D	2670		5260	16	25		✓	↑		658 To140.4 R 1:7500
1257	790305D	4374	✓	2340	1	20		✓	✓	✓	234 High Tic's C
				PAD	4/3/09						

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

BR-FAI027:10.29.08:2
TestAmerica

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID:	FCVI	Start Date: 04/04/09	Time: 0936	ISTD Lot #: AT02-012-02	Instrument ID: F
Test Method:	TO15	End Date: 04/05/09	Time: 0936	CAL STD Lot # AT031809 14	Instrument: 5973
ICAL Date:	03/25/09			ICV / LCS Lot # AT03200907	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
0936	FCV10PV	N/A	BFB	NA	NA	NA	NJR	NA	✓	NJR	
1025	FCV10IV	2988	CCV		1	200		↓	✓		
1133	FCV10IQ	3503	LCS		2			✓	✓		
1223	FCVD01I	4635	MBLK	↓	3	↓		✓	✓	↓	
1313	790306d	3209	130896	341	4	40		✓	✓	PAD	cdf 68.2 High TICs C
1403	790308d	4287		611	5	20		✓	✓		61.1 " C
1453	790312d	4797		682	6	20		✓	↑		68.2 EB79 R1:2000
~~1633~~ 1543	790295d2	3138		15300	7	11		✓	✓		844 C
1724 1633	790297d2	2733		10200	8	19		✓	✓		965 C
~~1814~~ 1724	790~~299~~298d2	4775		11600	9	16		✓	✓		931 C
1814	790300d2	3205		92.8	10	10		✓	✓		4.64 JPD 4/9/09 C
1904	790303d2	2670	↓ ~~7760~~ JPD 4/9/09	~~7740~~	11	17	↓	✓	✓		~~658~~ 6600 C

PAD 4/06/09

PAD 4/06/09

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

BR-FAI027:10.29.08:2
TestAmerica

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: FCVJ	Start Date: 4/07/09	Time: 1814	ISTD Lot #: AT0201202	Instrument ID: F
Test Method: T015	End Date: 4/08/09	Time: 1814	CAL STD Lot # AT0318091 4	Instrument: 5973
ICAL Date: 3/25/09			ICV / LCS Lot # ATD320090 7	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
~~1736~~ 1814	FCV12PV	N/A	BFB	N/A	N/A	N/A	PAD	N/A	✓	PAD	
1859	FCV10JV	2988	CCV		1	200			✓		Good 74
2026	FCV10JQ	3563	LCS		2	200		✓	✓		"
2117	FCVB01J		MBLK		3	200		✓	✓		
2203	790312D2	4797	130896	2020	1	25		✓	✓		cdf 253 ✓ C
	791214D	2535	131019	18.2	2	11					
	791168D	3760	131011	1.5	3	133					
	791892	2820	131100	1	4	200					
	3348	N/A	N/A	0.2	5	1000					
	3255				6						
	3486				7						
	2521				8						
					9						
					10						
					11						
					12						
					13						
					14						
					15						
					16						
					1						

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 130896

Page: 1 of 1
Analyst: JH2
Date: 04/01/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
790291	-2.5	=	0.92	5.50	3	=	1.20	7.22	1.31
790292	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
790293	0	=	1.00	6.00	3.2	=	1.22	7.31	1.22
790294	-6	=	0.80	4.80	3	=	1.20	7.22	1.51
790295	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
790296	-1.3	=	0.96	5.74	3	=	1.20	7.22	1.26
790297	-4	=	0.87	5.20	3.1	=	1.21	7.27	1.40
790298	-1.8	=	0.94	5.64	3.2	=	1.22	7.31	1.30
790299	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
790300	-1.4	=	0.95	5.72	3	=	1.20	7.22	1.26
790301	-2.3	=	0.92	5.54	3.1	=	1.21	7.27	1.31
790302	0	=	1.00	6.00	3	=	1.20	7.22	1.20
790303	-5.1	=	0.83	4.98	3.1	=	1.21	7.27	1.46
790304	-2.7	=	0.91	5.46	3.2	=	1.22	7.31	1.34
790305	-1.4	=	0.95	5.72	3	=	1.20	7.22	1.26
790306	-2.8	=	0.91	5.44	3.1	=	1.21	7.27	1.34
790307	-2	=	0.93	5.60	3.1	=	1.21	7.27	1.30
790308	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
790309	-1.7	=	0.94	5.66	2.9	=	1.20	7.18	1.27
790310	-5.1	=	0.83	4.98	3	=	1.20	7.22	1.45
790311	-3	=	0.90	5.40	3.2	=	1.22	7.31	1.35
790312	-3.4	=	0.89	5.32	2.9	=	1.20	7.18	1.35

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.

BR-FAI035A:09.12.06:0
TestAmerica

Date / Time Printed: 4/2/2009 12:20 PM

SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 130896

Page: 1 of 1
Analyst: PAD
Date: 04/02/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor	
790293B	0	=	1.00	6.00	39.7	=	3.70	22.20	3.70	
C	0	=	1.00	6.00	40	=	3.72	22.33	3.72	62.5
D	0	=	1.00	6.00	40	=	3.72	22.33	3.72	
		=	1.00	6.00		=	1.00	6.00	1.00	
790295B	0	=	1.00	6.00	39.5	=	3.69	22.12	3.69	
C	0	=	1.00	6.00	39.5	=	3.69	22.12	3.69	61
D	0	=	1.00	6.00	39.7	=	3.70	22.20	3.70	
		=	1.00	6.00		=	1.00	6.00	1.00	
790297B	0	=	1.00	6.00	39.6	=	3.69	22.16	3.69	
C	0	=	1.00	6.00	39.7	=	3.70	22.20	3.70	70.5
D	0	=	1.00	6.00	39.6	=	3.69	22.16	3.69	
		=	1.00	6.00		=	1.00	6.00	1.00	
790298B	0	=	1.00	6.00	39.7	=	3.70	22.20	3.70	
C	0	=	1.00	6.00	41	=	3.79	22.73	3.79	
D	0	=	1.00	6.00	39.6	=	3.69	22.16	3.69	67.3
		=	1.00	6.00		=	1.00	6.00	1.00	
790303B	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71	
C	0	=	1.00	6.00	39.5	=	3.69	22.12	3.69	
D	0	=	1.00	6.00	39.4	=	3.68	22.08	3.68	73.6
		=	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:

$$\frac{\text{Preadjusted Pressure("Hg)} + 29.92\text{"Hg}}{29.92\text{"Hg}} + 6\,\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure(psig)} + 14.7\,\text{psig}}{14.7\,\text{psig}} + 6\,\text{L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{DilutionFactor}$$

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
TestAmerica

Date / Time Printed: 4/2/2009 9:51 PM

SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 130896

Page: 1 of 1
Analyst: PAD
Date: 04/02/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
790305B	0	=	1.00	6.00	39.5	=	3.69	22.12	3.69
C	0	=	1.00	6.00	39.4	=	3.68	22.08	3.68
D	0	=	1.00	6.00	39.5	=	3.69	22.12	3.69
		=	1.00	6.00		=	1.00	6.00	1.00
790306B	0	=	1.00	6.00	39.6	=	3.69	22.16	3.69
C	0	=	1.00	6.00	40.2	=	3.73	22.41	3.73
D	0	=	1.00	6.00	39.7	=	3.70	22.20	3.70
		=	1.00	6.00		=	1.00	6.00	1.00
790308B	0	=	1.00	6.00	39.5	=	3.69	22.12	3.69
C	0	=	1.00	6.00	39.5	=	3.69	22.12	3.69
D	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71
		=	1.00	6.00		=	1.00	6.00	1.00
790312B	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71
C	0	=	1.00	6.00	39.3	=	3.67	22.04	3.67
D	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71
		=	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

63.1 ✓
68.2 ✓
61.1 ✓
68.2 ✓

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
TestAmerica

Date / Time Printed: 4/2/2009 10:23 PM

SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 130896

Page: 1 of 1
Analyst: PAD
Date: 04/02/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
790305E	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71
C		=	1.00	6.00		=	1.00	6.00	1.00
D		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00

234 ✓

BR-FAI035A:09.12.06:0
TestAmerica

Date / Time Printed: 4/14/2009 8:23 PM

SUMMA Canister Dilution Spreadsheet

Page: 1 of 1
Client: ROHHAA
Analyst: PAD
ETR: 130896
Date: 04/02/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor	
790291B	0	=	1.00	6.00	39.9	=	3.71	22.29	3.71	11.4 ✓
C	0	=	1.00	6.00	19.8	=	2.35	14.08	2.35	
		=	1.00	6.00		=	1.00	6.00	1.00	
790300B	0	=	1.00	6.00	39.4	=	3.68	22.08	3.68	4.64 ✓
		=	1.00	6.00		=	1.00	6.00	1.00	
790302B	0	=	1.00	6.00	39.1	=	3.66	21.96	3.66	4.39 ✓
		=	1.00	6.00		=	1.00	6.00	1.00	
790307B	0	=	1.00	6.00	39.7	=	3.70	22.20	3.70	4.81 ✓
		=	1.00	6.00		=	1.00	6.00	1.00	
790311B	0	=	1.00	6.00	39.7	=	3.70	22.20	3.70	
C	0	=	1.00	6.00	20.3	=	2.38	14.29	2.38	11.9 ✓
		=	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	
		=	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	

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.

BR-FAI035A:09.12.06:0
TestAmerica

Date / Time Printed: 4/2/2009 11:47 PM

SUMMA Canister Dilution Spreadsheet

Page: 1 of 1
Client: ROHHAA
Analyst: NJR
ETR: 130896
Date: 04/03/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor	
790293E	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71	733
F	0	=	1.00	6.00	31.7	=	3.16	18.94	3.16	
		=	1.00	6.00		=	1.00	6.00	1.00	
		=	1.00	6.00		=	1.00	6.00	1.00	
790295E	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71	844
F	0	=	1.00	6.00	40.1	=	3.73	22.37	3.73	
	0	=	1.00	6.00		=	1.00	6.00	1.00	
		=	1.00	6.00		=	1.00	6.00	1.00	
790297E	0	=	1.00	6.00	39.9	=	3.71	22.29	3.71	965
F	0	=	1.00	6.00	39.5	=	3.69	22.12	3.69	
		=	1.00	6.00		=	1.00	6.00	1.00	
		=	1.00	6.00		=	1.00	6.00	1.00	
790298E	0	=	1.00	6.00	40.2	=	3.73	22.41	3.73	931
	0	=	1.00	6.00	39.8	=	3.71	22.24	3.71	
		=	1.00	6.00		=	1.00	6.00	1.00	
		=	1.00	6.00		=	1.00	6.00	1.00	
790303E	0	=	1.00	6.00	39.6	=	3.69	22.16	3.69	~~658~~
	0	=	1.00	6.00	21	=	2.43	14.57	2.43	
	0	=	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	

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.

BR-FAI035A:09.12.06:0
TestAmerica

Date / Time Printed: 4/3/2009 10:05 AM

SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 130896

Page: 1 of 1
Analyst: PAD
Date: 04/07/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
790312E	0	=	1.00	6.00	39.9	=	3.71	22.29	3.71
		=	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
		=	1.00	6.00		=	1.00	6.00	1.00

253

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.

BR-FAI035A:09.12.06:0
TestAmerica

Date / Time Printed: 4/7/2009 5:30 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.: 130896

Matrix Spike - Sample No.: C040109ALCS

COMPOUND	SPIKE ADDED (%.v/v)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (%.v/v)	LCS % REC #	QC. LIMITS REC.
Helium	8.3		8.7	105	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 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix Spike - Sample No.: C040209ALCS

COMPOUND	SPIKE ADDED (%.v/v)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (%.v/v)	LCS % REC #	QC. LIMITS REC.
Helium	8.3		8.8	106	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.

MBLKC040109A

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Lab File ID: 01AP091306-R021 Lab Sample ID: MBLKC040109A

Date Analyzed: 04/01/09 Time Analyzed: 1312

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	C040109ALCS	C040109ALCS	01AP091306-R	1308
02	16VP-22V3	790291	01AP091355-R	1356
03	16VP-21V3	790292	01AP091355-R	1400
04	16VP-27V5	790293	01AP091355-R	1404
05	24VP-20V3	790294	01AP091355-R	1408
06	24VP-23V3.5	790295	01AP091355-R	1412
07	24VP-24V4	790296	01AP091355-R	1418
08	24VP-25V6	790297	01AP091355-R	1422
09	24FD	790298	01AP091355-R	1426
10	24VP-26V5.5	790299	01AP091355-R	1431
11	24VP-28V3.5	790300	01AP091355-R	1436
12	24VP-30V2	790301	01AP091355-R	1440
13	24VP-29V1.5	790302	01AP091355-R	1445
14	24VP-36V7	790303	01AP091355-R	1448
15	25VP-39V9.5	790304	01AP091355-R	1454
16	25VP-38V11.5	790305	01AP091355-R	1458
17	25FD	790306	01AP091355-R	1503
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLKC040209A

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Lab File ID: 02AP090901-R031 Lab Sample ID: MBLKC040209A

Date Analyzed: 04/02/09 Time Analyzed: 0915

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	C040209ALCS	C040209ALCS	02AP090901-R	0911
02	25VP-35V6.5	790307	02AP091220-R	1221
03	25VP-33V3	790308	02AP091220-R	1225
04	25VP-34V2	790309	02AP091220-R	1231
05	25VP-31V4	790310	02AP091220-R	1235
06	25VP-32V2	790311	02AP091220-R	1239
07	25VP-37V11.5	790312	02AP091220-R	1244
08				
09				
10				
11				
12				
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14				
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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.: 130896

GC Column: CTR-1 ID: 6.35 (mm) Init. Calib. Date(s): 04/01/09 04/01/09

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	CAL2	CAL2	04/01/09	1221		
02	CAL3	CAL3	04/01/09	1225		
03	CAL4	CAL4	04/01/09	1229		
04	CAL5	CAL5	04/01/09	1233		
05	CAL1	CAL1	04/01/09	1255		
06	C040109ALCS	C040109ALCS	04/01/09	1308		
07	MBLKC040109A	MBLKC040109A	04/01/09	1312		
08	16VP-22V3	790291	04/01/09	1356		
09	16VP-21V3	790292	04/01/09	1400		
10	16VP-27V5	790293	04/01/09	1404		
11	24VP-20V3	790294	04/01/09	1408		
12	24VP-23V3.5	790295	04/01/09	1412		
13	24VP-24V4	790296	04/01/09	1418		
14	24VP-25V6	790297	04/01/09	1422		
15	24FD	790298	04/01/09	1426		
16	24VP-26V5.5	790299	04/01/09	1431		
17	24VP-28V3.5	790300	04/01/09	1436		
18	24VP-30V2	790301	04/01/09	1440		
19	24VP-29V1.5	790302	04/01/09	1445		
20	24VP-36V7	790303	04/01/09	1448		
21	25VP-39V9.5	790304	04/01/09	1454		
22	25VP-38V11.5	790305	04/01/09	1458		
23	25FD	790306	04/01/09	1503		
24	CCV	CCV	04/01/09	1521		
25	CCV	CCV	04/02/09	0902		
26	C040209ALCS	C040209ALCS	04/02/09	0911		
27	MBLKC040209A	MBLKC040209A	04/02/09	0915		
28	25VP-35V6.5	790307	04/02/09	1221		
29	25VP-33V3	790308	04/02/09	1225		
30	25VP-34V2	790309	04/02/09	1231		
31	25VP-31V4	790310	04/02/09	1235		
32	25VP-32V2	790311	04/02/09	1239		

QC LIMITS

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

page 1 of 2

FORM VIII VOA

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

GC Column: CTR-1 ID: 6.35 (mm) Init. Calib. Date(s): 04/01/09 04/01/09

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	25VP-37V11.5	790312	04/02/09	1244		
02	CCV	CCV	04/02/09	1305		
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
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18						
19						
20						
21						
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25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

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

Supportive Documentation – ASTM D1946

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

16VP-21V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790292

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R021

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

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

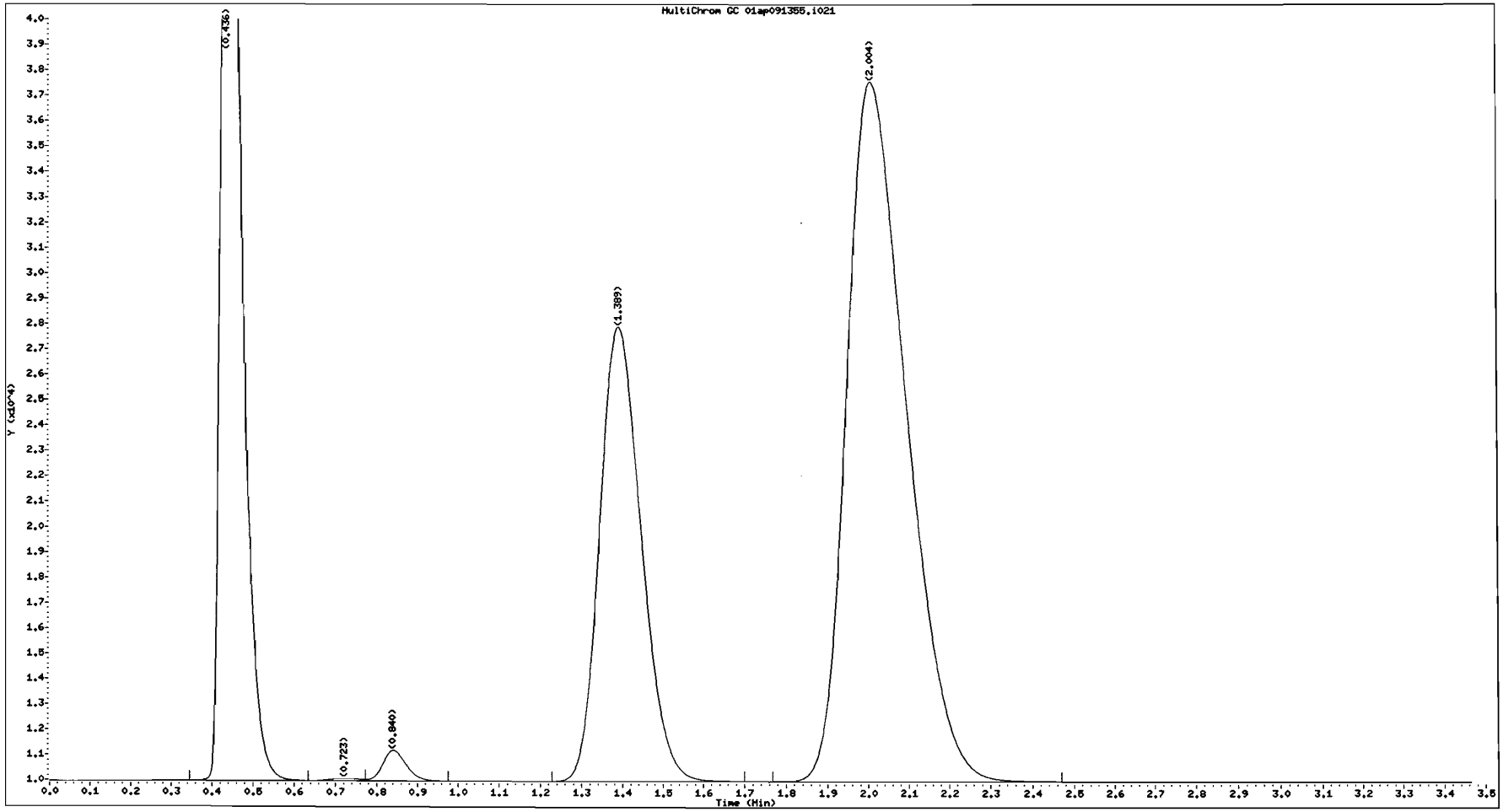
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790292	Client Sample ID: 16VP-21V3

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:00
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 01ap091355-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790292	Client Sample ID: 16VP-21V3

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:00
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 01ap091355-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.436			2269340	41395		M	
2	0.723			7241	100		M	
3	0.840			73399	1210		M	
4	1.389			1922123	17913			
5	2.004			4283189	27559			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

16VP-22V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790291

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R011

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

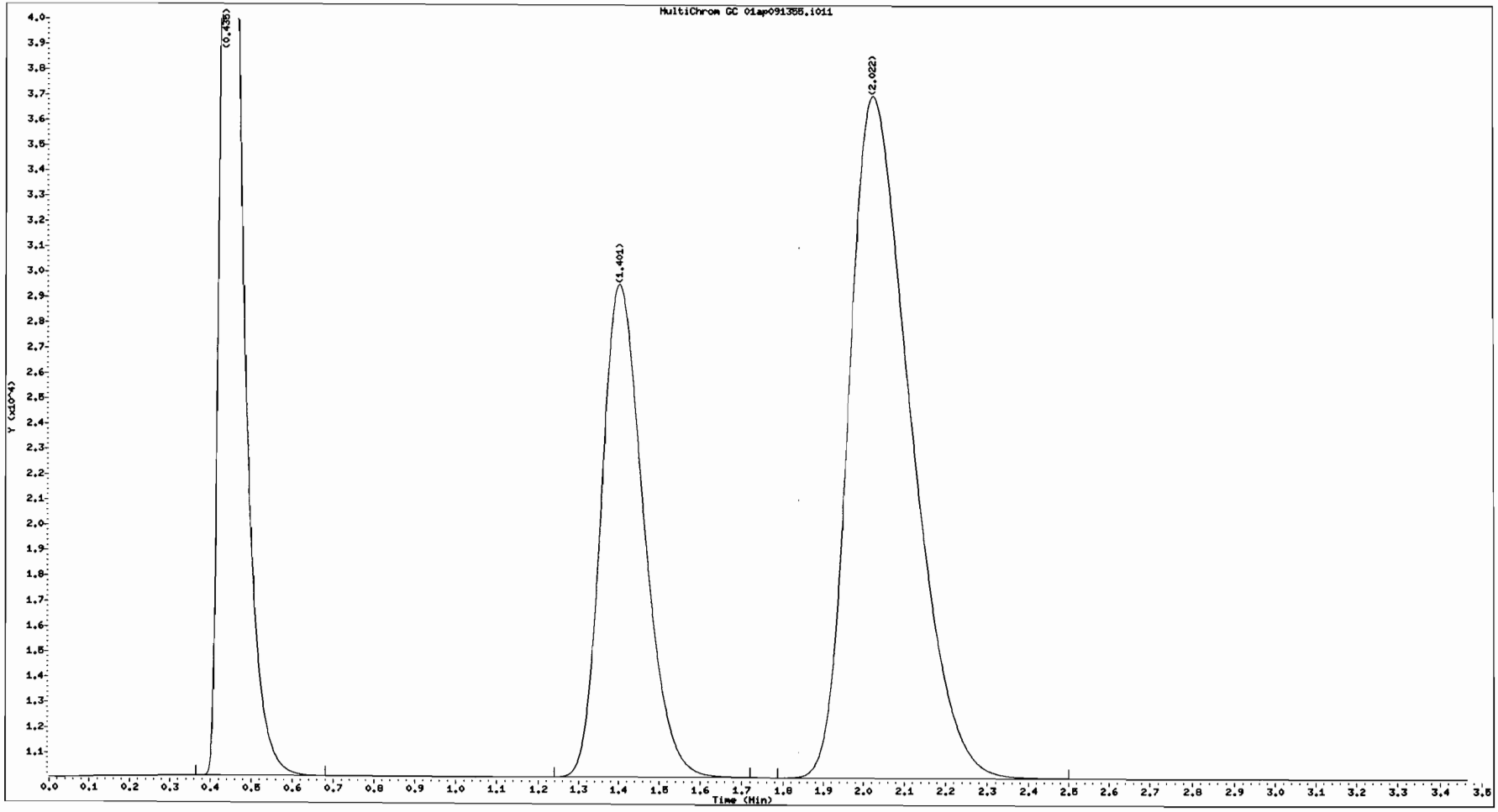
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790291	Client Sample ID: 16VP-22V3

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 13:56
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790291	Client Sample ID: 16VP-22V3

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 13:56
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.435			2496482	41334			
2	1.401			2158273	19465			
3	2.022			4280240	26903			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

16VP-27V5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790293

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R031

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

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

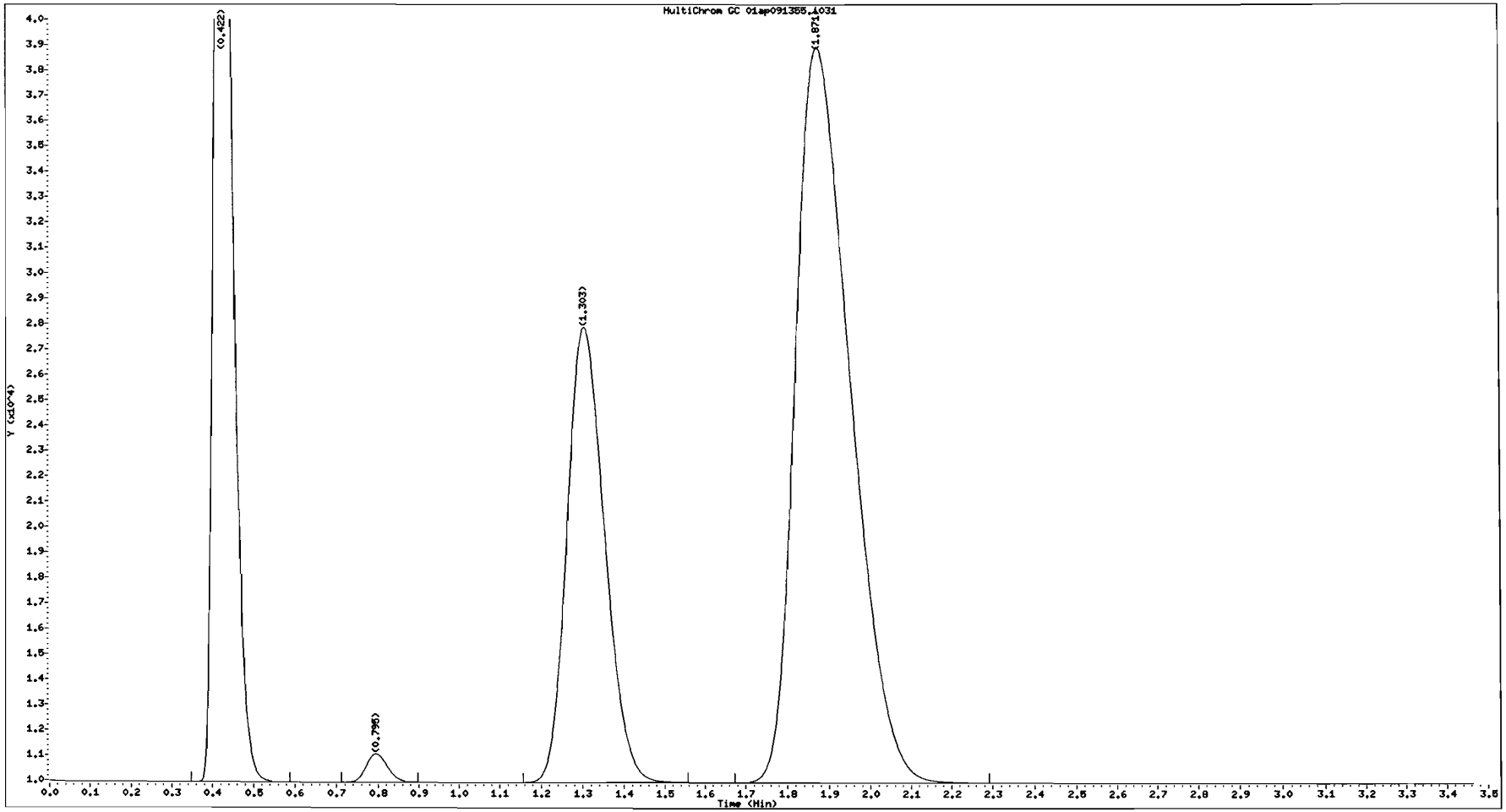
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790293	Client Sample ID: 16VP-27V5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:04
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 01ap091355-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790293	Client Sample ID: 16VP-27V5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:04
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 01ap091355-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.422			2104089	43136			
2	0.795			61464	1128			
3	1.303			1711664	17945			
4	1.871			4022221	28974			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24FD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790298

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R081

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

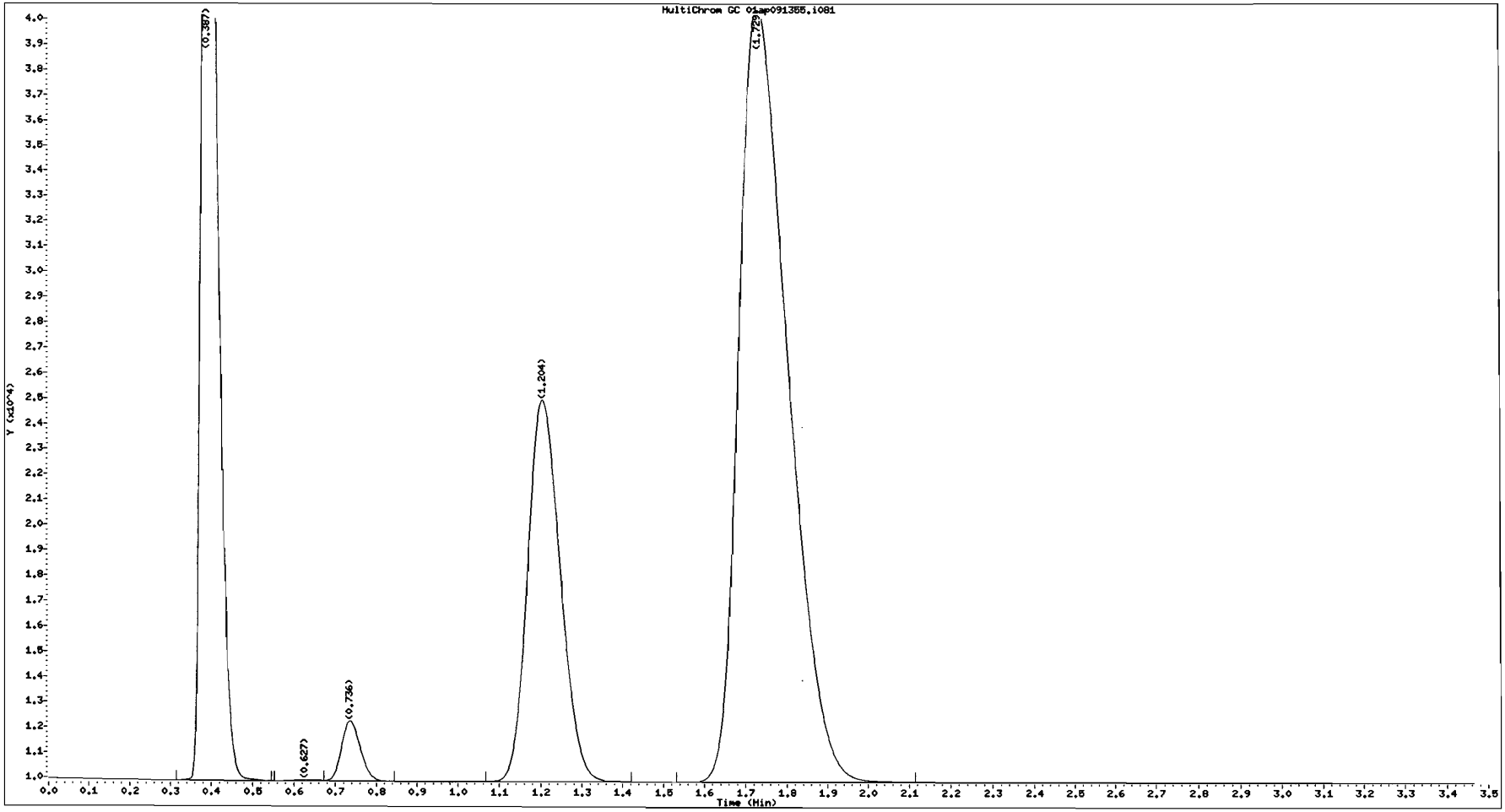
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790298	Client Sample ID: 24FD

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:26
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r081.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790298	Client Sample ID: 24FD

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:26
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r081.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.387			1844916	43712			
2	0.627			3704	64		M	
3	0.736			116794	2397		M	
4	1.204			1259654	15078			
5	1.729			3829893	30748			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-20V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790294

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R041

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.5

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

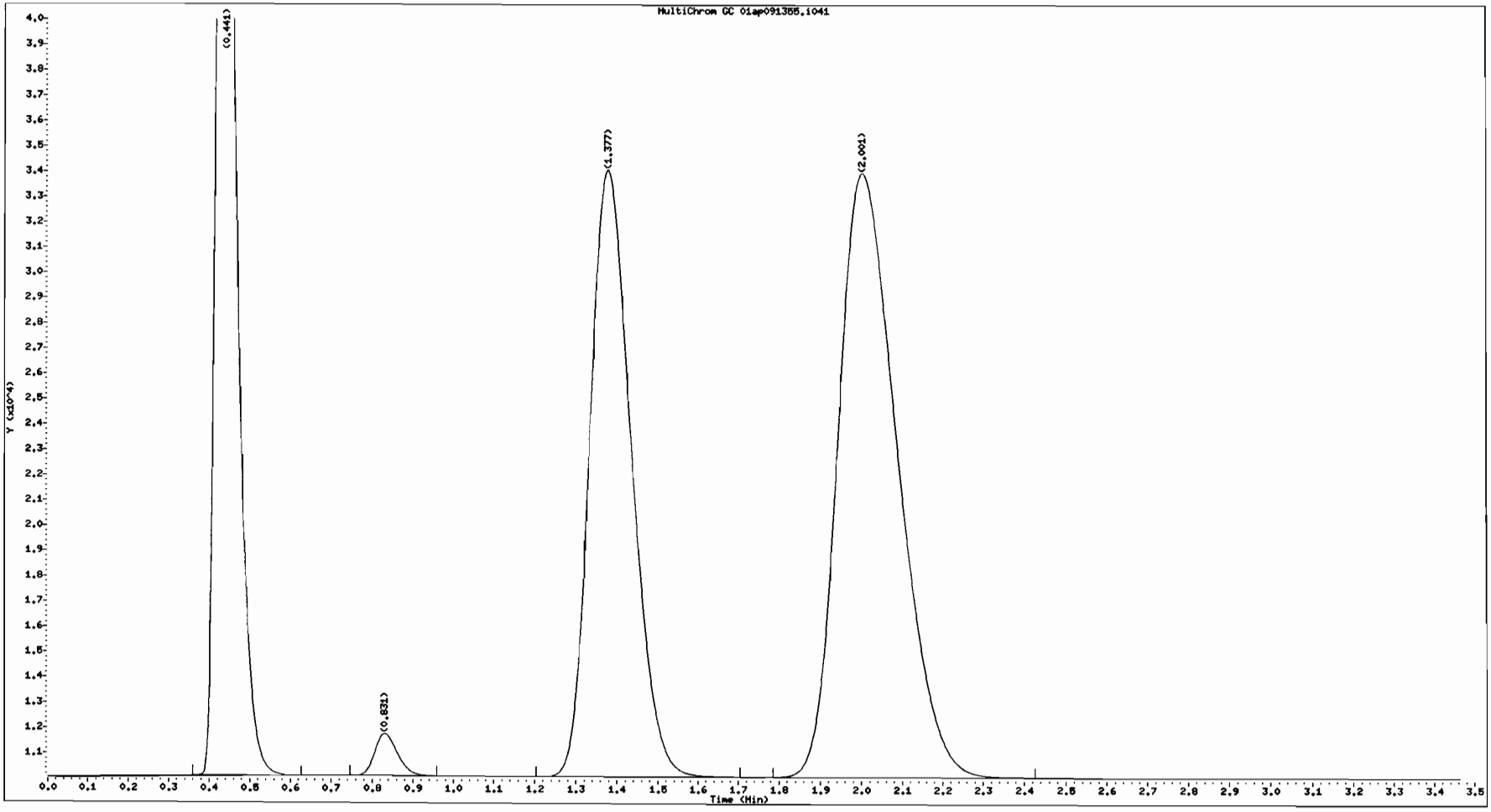
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.6	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790294	Client Sample ID: 24VP-20V3

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:08
Instrument	: 2866_2.i	Dilution Factor	: 1.5
Column	: CTR-1	Data File	: 01ap091355-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790294	Client Sample ID: 24VP-20V3

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:08
Instrument	: 2866_2.i	Dilution Factor	: 1.5
Column	: CTR-1	Data File	: 01ap091355-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.441			2296646	39444			
2	0.831			97035	1664			
3	1.377			2544608	23974			
4	2.001			3638772	23867			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-23V3.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790295

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R051

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

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

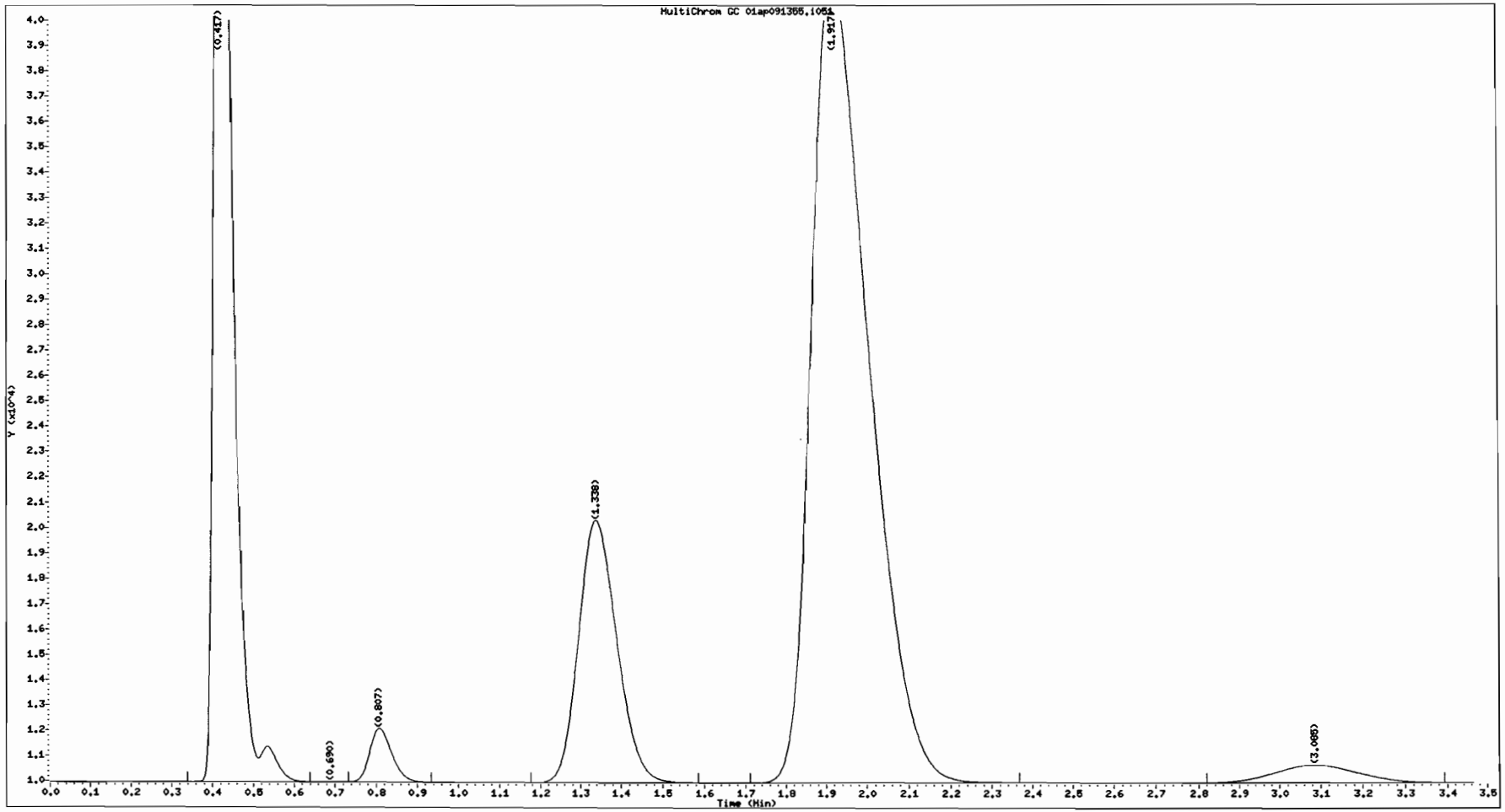
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790295	Client Sample ID: 24VP-23V3.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:12
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 01ap091355-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790295	Client Sample ID: 24VP-23V3.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:12
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 01ap091355-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.417			2157019	45774		M	
2	0.690			2079	34		M	
3	0.807			121572	2126		M	
4	1.338			1028467	10340			
5	1.917			4695458	31882			
6	3.085			149805	709			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-24V4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790296

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R061

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

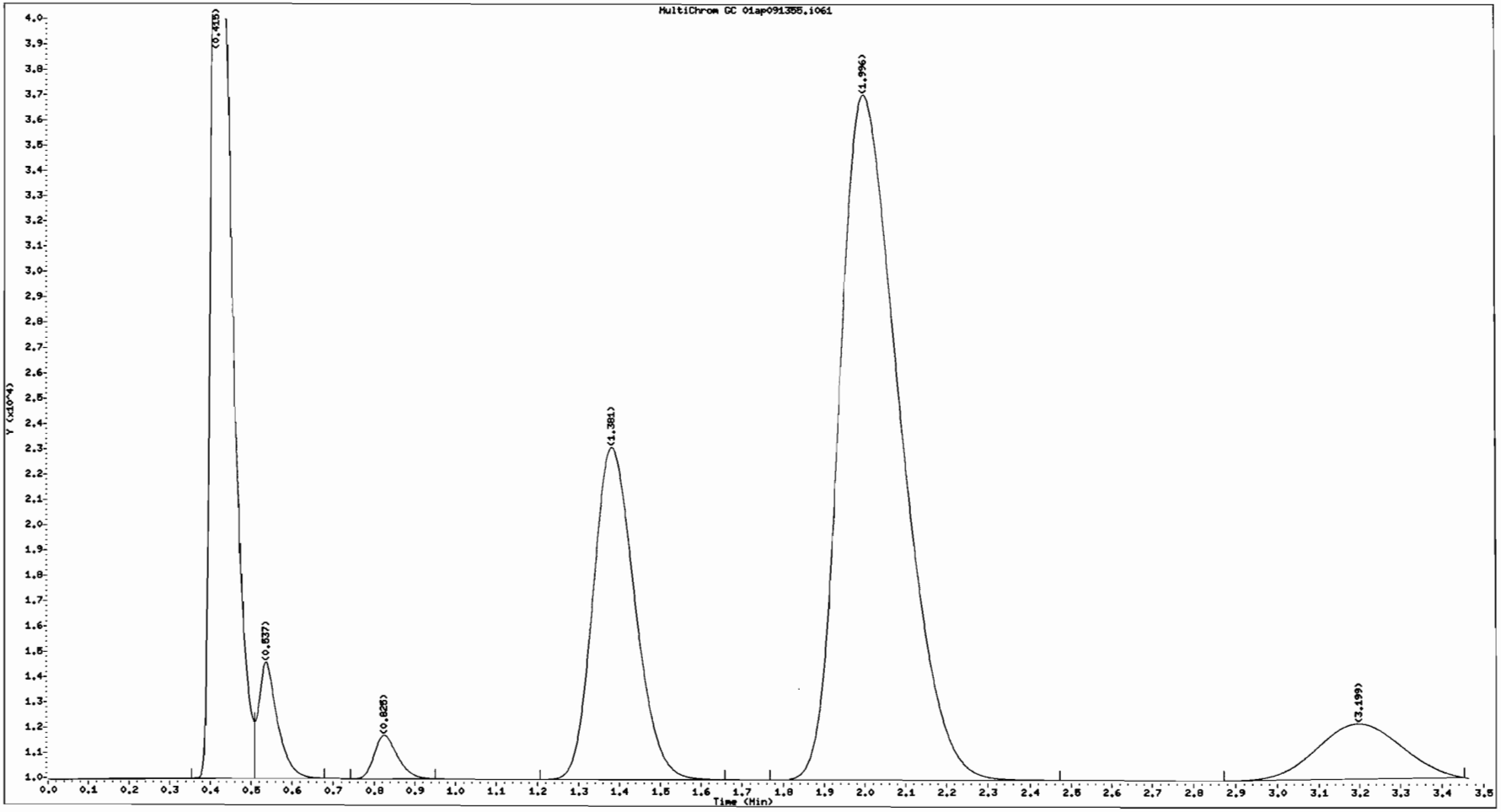
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790296	Client Sample ID: 24VP-24V4

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:18
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r061.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790296	Client Sample ID: 24VP-24V4

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:18
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r061.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.415			2086202	40912			
2	0.537			230606	4598			
3	0.825			104283	1717			
4	1.381			1415160	13110			
5	1.996			4237457	27034			
6	3.199			478727	2183			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-25V6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790297

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R071

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.4

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

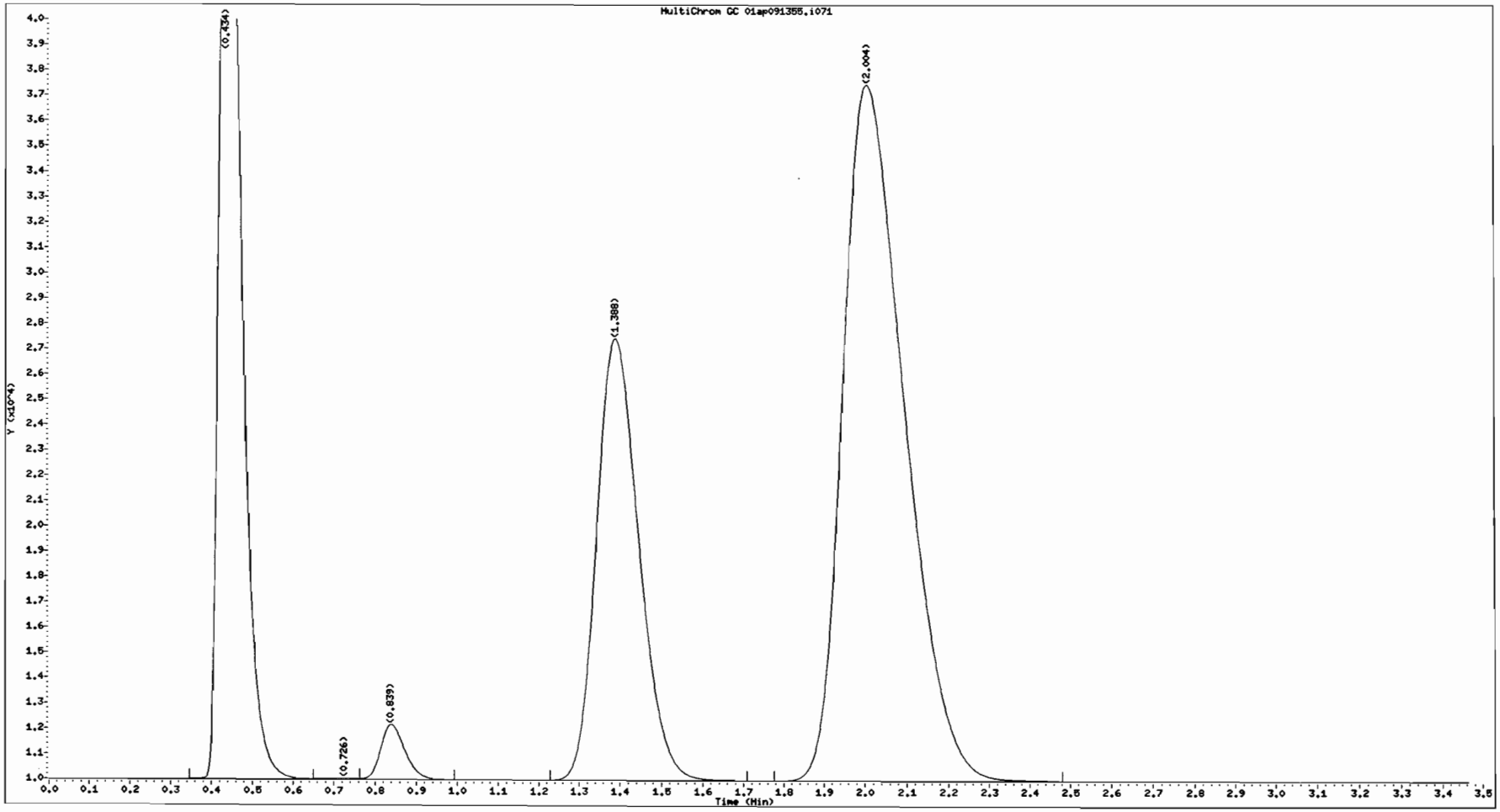
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.4	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790297	Client Sample ID: 24VP-25V6

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:22
Instrument	: 2866_2.i	Dilution Factor	: 1.4
Column	: CTR-1	Data File	: 01ap091355-r071.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790297	Client Sample ID: 24VP-25V6

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:22
Instrument	: 2866_2.i	Dilution Factor	: 1.4
Column	: CTR-1	Data File	: 01ap091355-r071.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.434			2319268	39704		M	
2	0.726			3507	54		M	
3	0.839			134482	2170		M	
4	1.388			1882622	17449			
5	2.004			4292313	27460			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-26V5.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790299

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R091

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

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

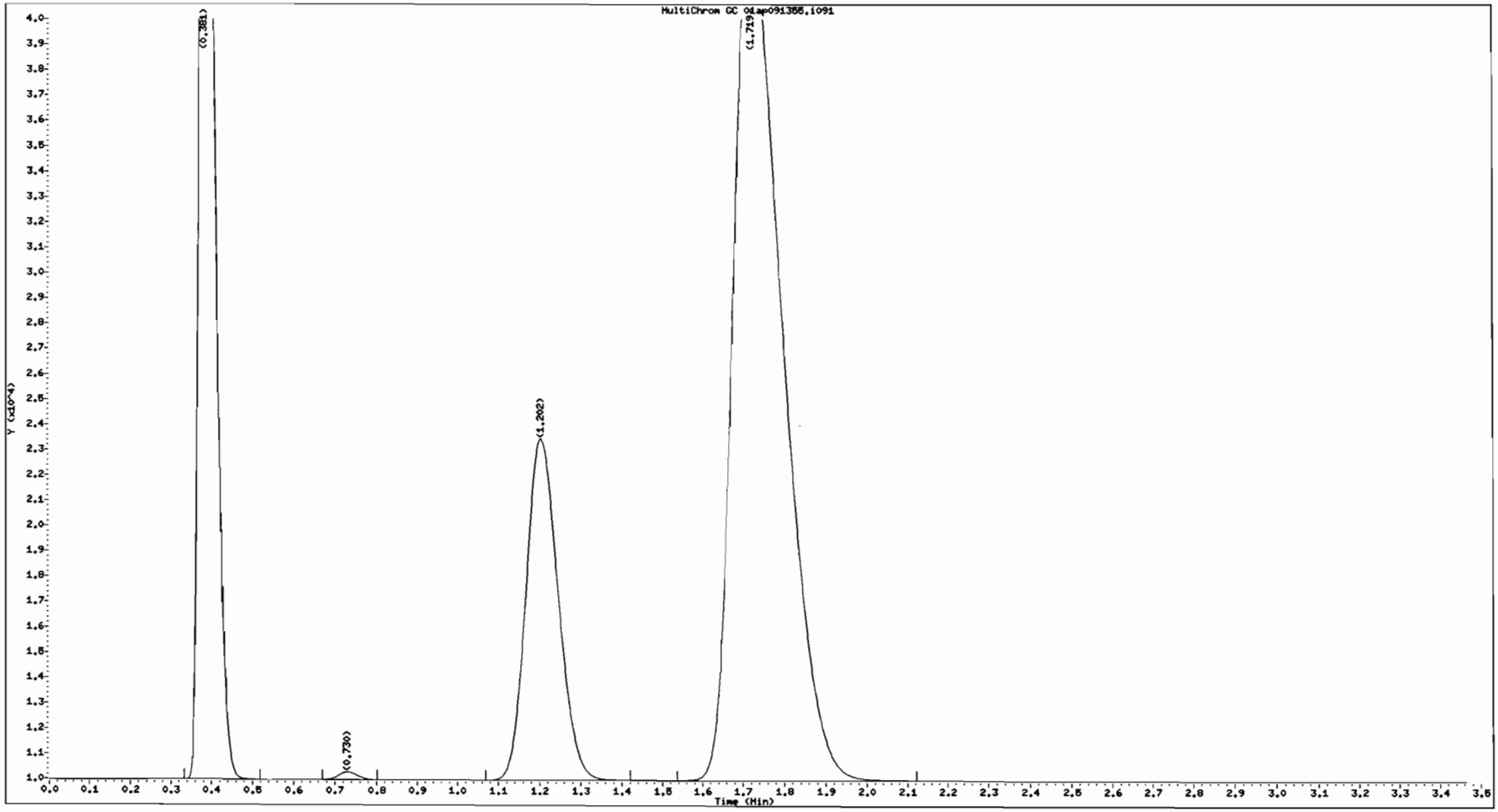
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790299	Client Sample ID: 24VP-26V5.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:31
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 01ap091355-r091.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790299	Client Sample ID: 24VP-26V5.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:31
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 01ap091355-r091.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.381			1963906	49986			
2	0.730			14627	313			
3	1.202			1111015	13469			
4	1.719			4194715	33879			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-28V3.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790300

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R101

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

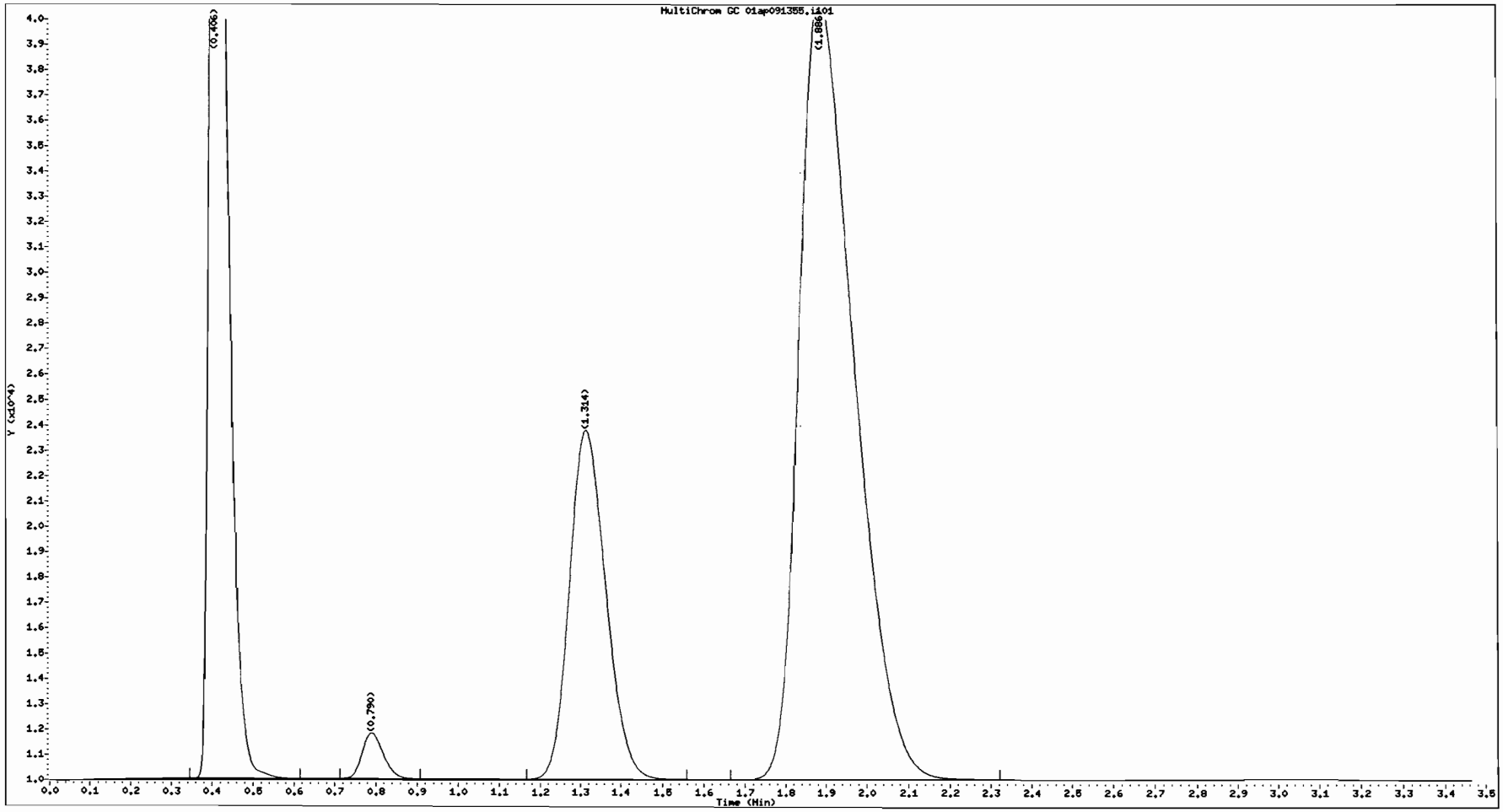
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790300	Client Sample ID: 24VP-28V3.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:36
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r101.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790300	Client Sample ID: 24VP-28V3.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:36
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r101.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.406			2144617	45646			
2	0.790			98037	1802			
3	1.314			1312618	13761			
4	1.886			4367015	30916			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-29V1.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790302

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R121

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

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

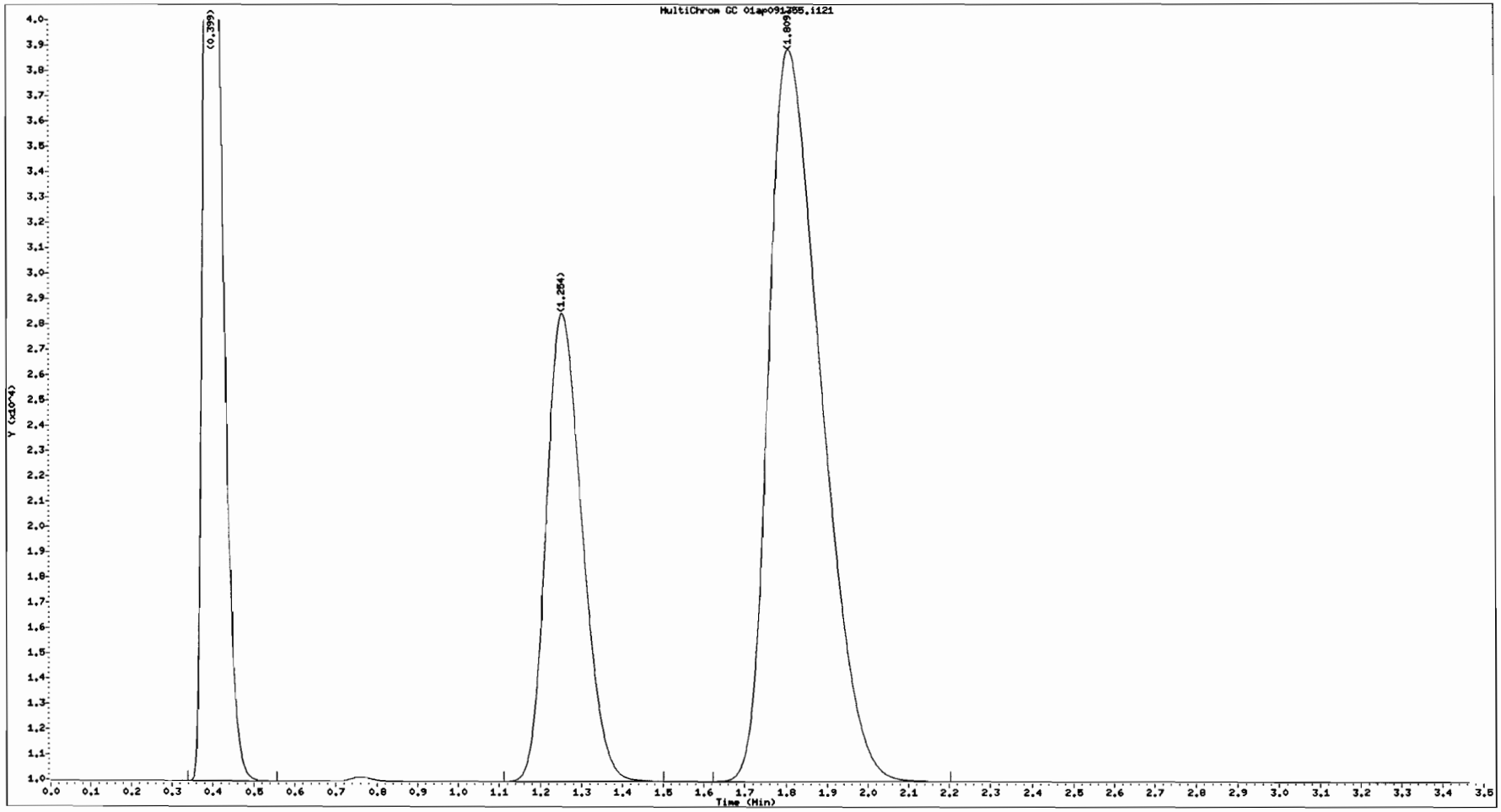
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.0	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790302	Client Sample ID: 24VP-29V1.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:45
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 01ap091355-r121.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790302	Client Sample ID: 24VP-29V1.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:45
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 01ap091355-r121.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.399			2074471	42807			
2	1.254			1704402	18495			
3	1.809			3876335	28912			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-30V2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790301

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R111

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

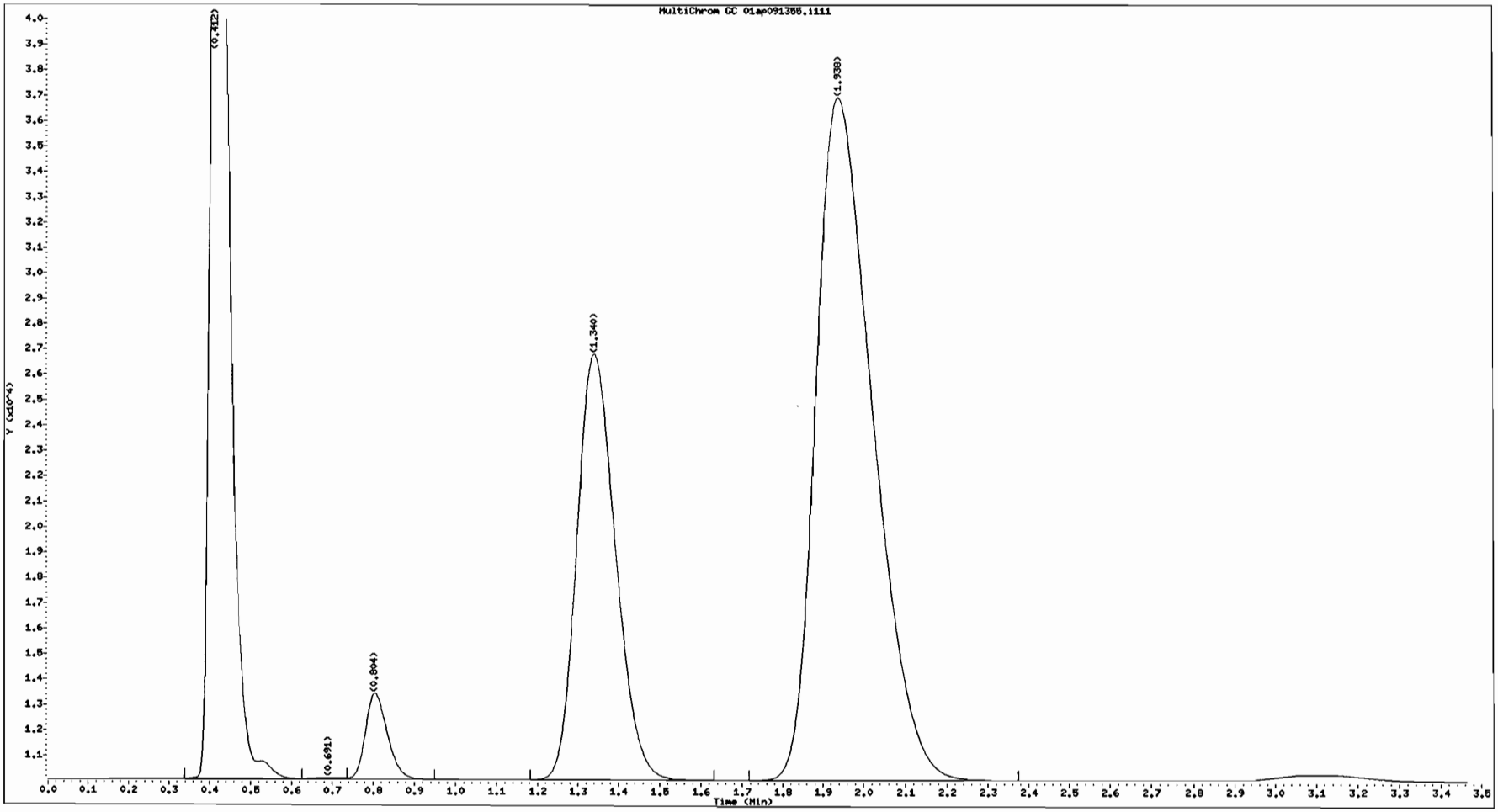
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790301	Client Sample ID: 24VP-30V2

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:40
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r111.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790301	Client Sample ID: 24VP-30V2

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:40
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r111.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.412			2082286	41380		M	
2	0.691			4534	71		M	
3	0.804			190116	3376		M	
4	1.340			1677391	16748			
5	1.938			3938779	26860			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

24VP-36V7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790303

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R131

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.5

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

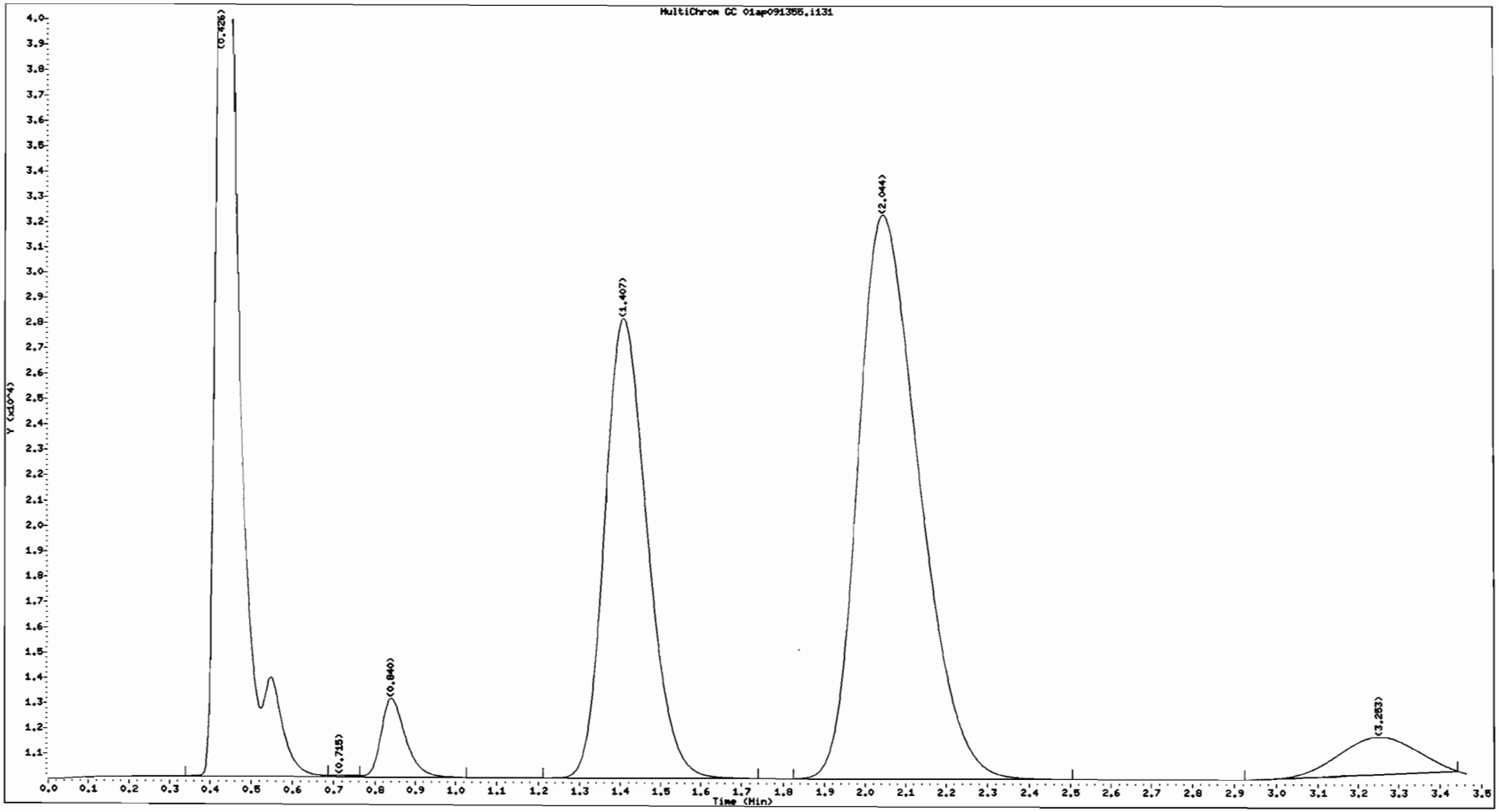
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.5	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790303	Client Sample ID: 24VP-36V7

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:48
Instrument	: 2866_2.i	Dilution Factor	: 1.5
Column	: CTR-1	Data File	: 01ap091355-r131.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790303	Client Sample ID: 24VP-36V7

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:48
Instrument	: 2866_2.i	Dilution Factor	: 1.5
Column	: CTR-1	Data File	: 01ap091355-r131.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.426			2308530	35111		M	
2	0.715			4120	67		M	
3	0.840			198261	3104		M	
4	1.407			2017915	18114			
5	2.044			3542579	22243			
6	3.253			293041	1460			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25FD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790306

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R161

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

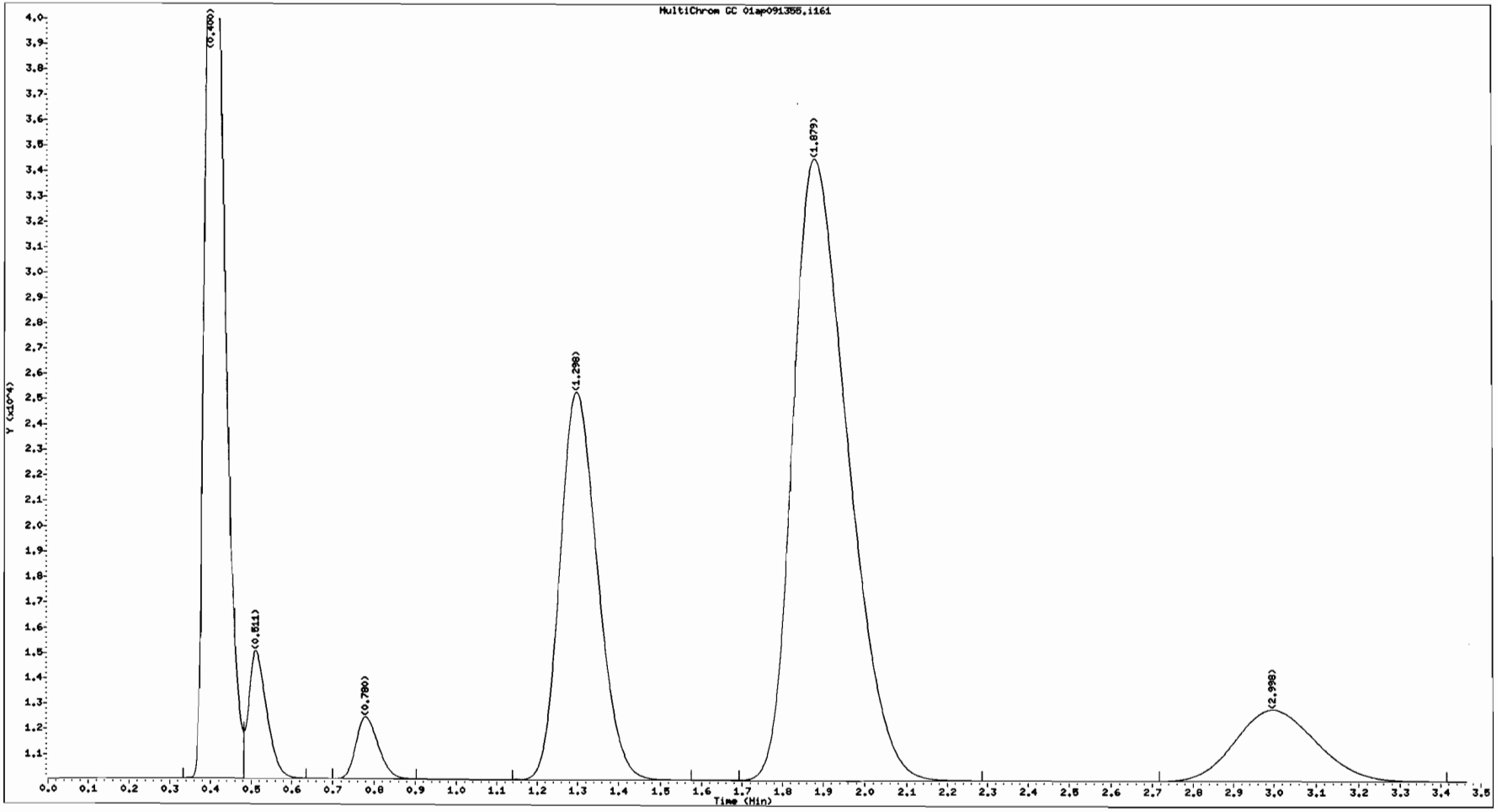
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790306	Client Sample ID: 25FD

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 15:03
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r161.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790306	Client Sample ID: 25FD

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 15:03
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r161.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.400			1849507	34860			
2	0.511			240435	5037			
3	0.780			138694	2434			
4	1.298			1483869	15258			
5	1.879			3438606	24472			
6	2.998			582045	2807			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-31V4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790310

Sample wt/vol: _____ (g/mL) ML Lab File ID: 02AP091220-R041

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.4

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

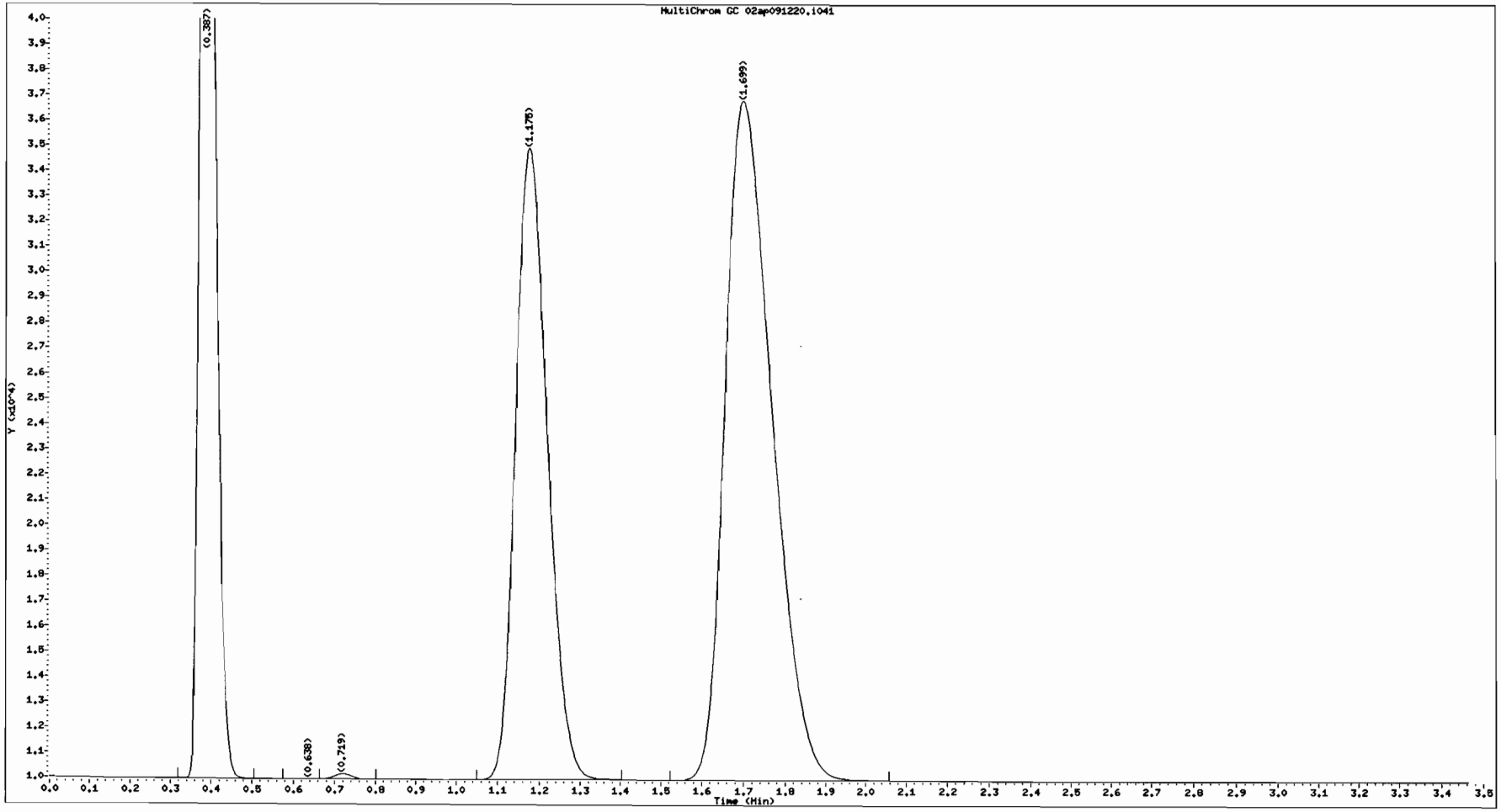
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.5	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790310	Client Sample ID: 25VP-31V4

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:35
Instrument	: 2866_2.i	Dilution Factor	: 1.4
Column	: CTR-1	Data File	: 02ap091220-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790310	Client Sample ID: 25VP-31V4

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:35
Instrument	: 2866_2.i	Dilution Factor	: 1.4
Column	: CTR-1	Data File	: 02ap091220-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.387			1901930	44169			
2	0.638			643	15		M	
3	0.719			10085	221		M	
4	1.175			2028954	24959			
5	1.699			3193571	26845			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-32V2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790311

Sample wt/vol: _____ (g/mL) ML Lab File ID: 02AP091220-R051

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.4

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

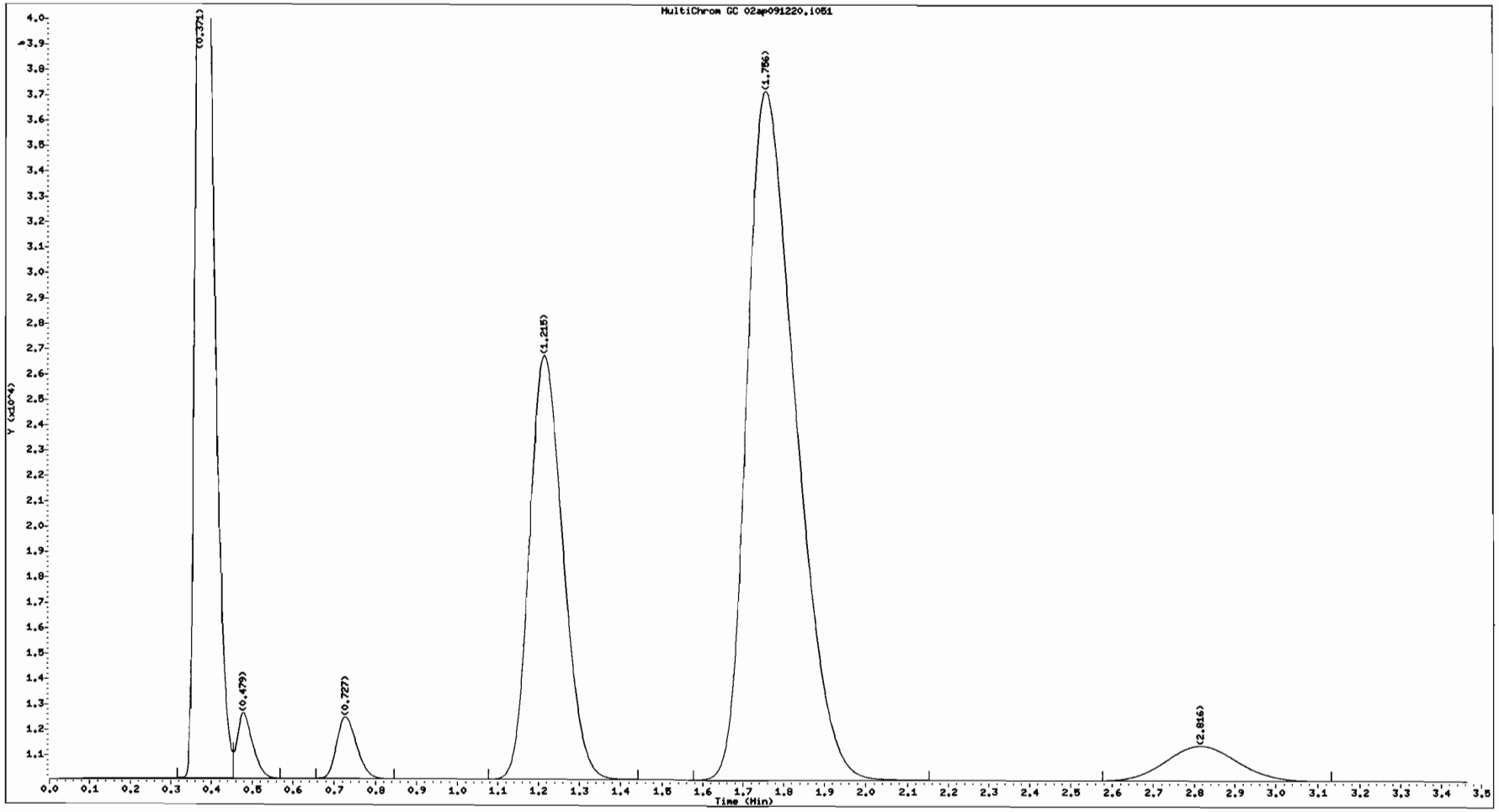
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790311	Client Sample ID: 25VP-32V2

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:39
Instrument	: 2866_2.i	Dilution Factor	: 1.4
Column	: CTR-1	Data File	: 02ap091220-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790311	Client Sample ID: 25VP-32V2

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:39
Instrument	: 2866_2.i	Dilution Factor	: 1.4
Column	: CTR-1	Data File	: 02ap091220-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.371			1845028	40674			
2	0.479			104658	2581			
3	0.727			123354	2432			
4	1.215			1449203	16703			
5	1.756			3448653	27106			
6	2.816			256242	1379			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-33V3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790308

Sample wt/vol: _____ (g/mL) ML Lab File ID: 02AP091220-R021

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

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

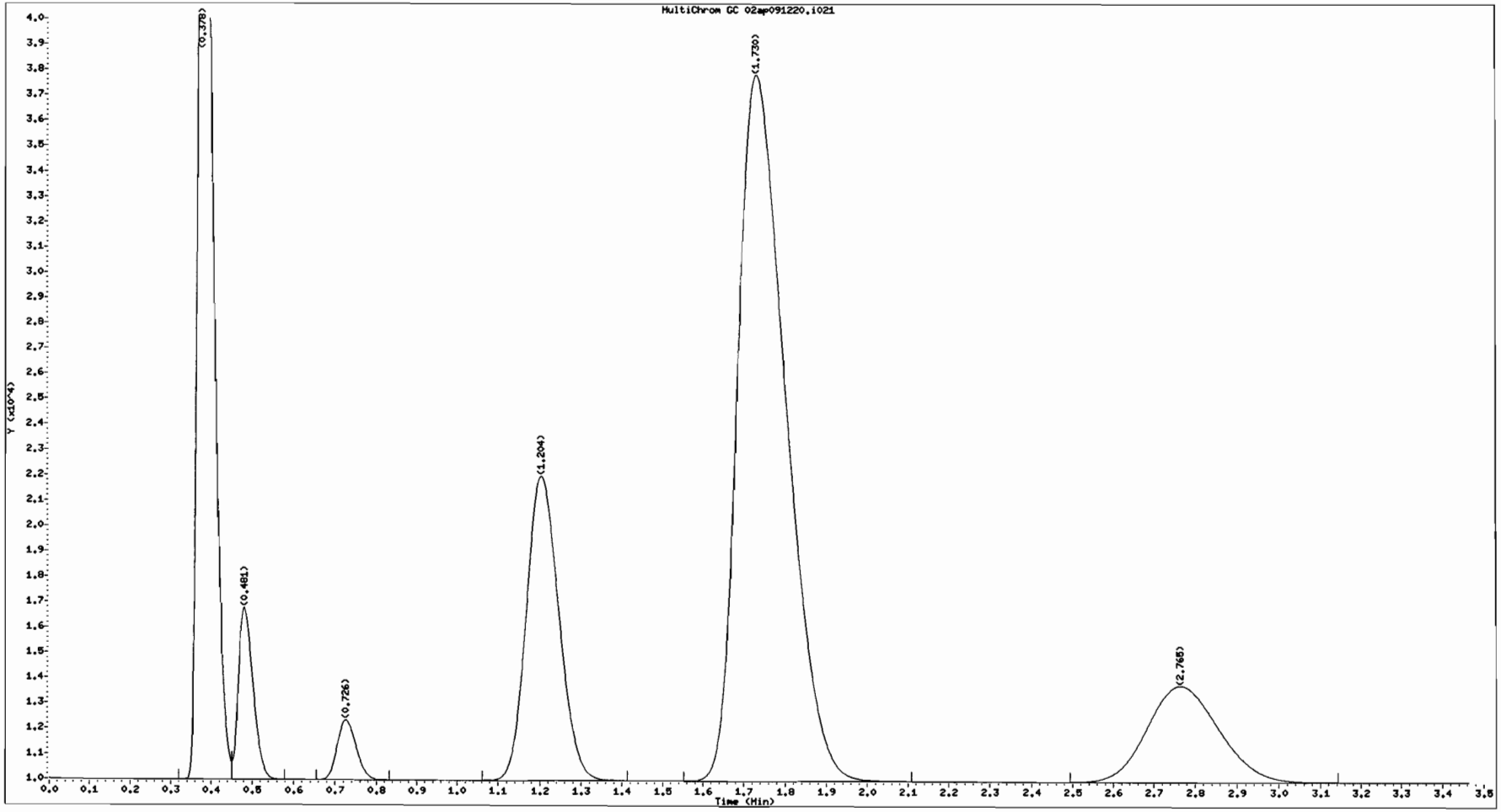
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790308	Client Sample ID: 25VP-33V3

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:25
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 02ap091220-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790308	Client Sample ID: 25VP-33V3

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:25
Instrument	: 2866_2.i	Dilution Factor	: 1.2
Column	: CTR-1	Data File	: 02ap091220-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.378			1620565	40737			
2	0.481			257202	6793			
3	0.726			114487	2364			
4	1.204			997491	12000			
5	1.730			3425274	27839			
6	2.765			692598	3779			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-34V2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790309

Sample wt/vol: _____ (g/mL) ML Lab File ID: 02AP091220-R031

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

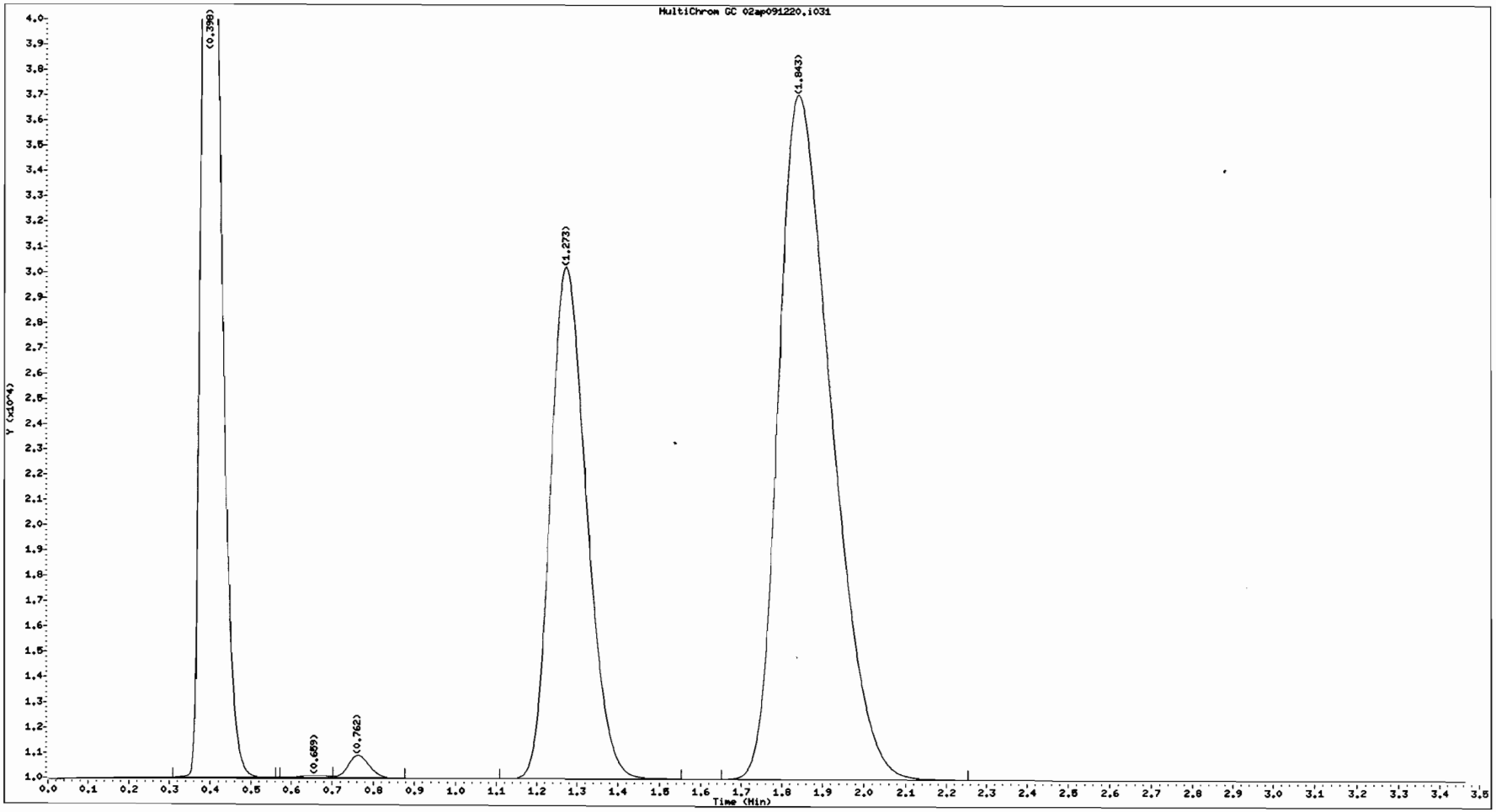
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790309	Client Sample ID: 25VP-34V2

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:31
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 02ap091220-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790309	Client Sample ID: 25VP-34V2

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:31
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 02ap091220-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.398			2129905	41377			
2	0.659			7113	109		M	
3	0.762			50061	906		M	
4	1.273			1907400	20223			
5	1.843			3696649	27026			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-35V6.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790307

Sample wt/vol: _____ (g/mL) ML Lab File ID: 02AP091220-R011

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

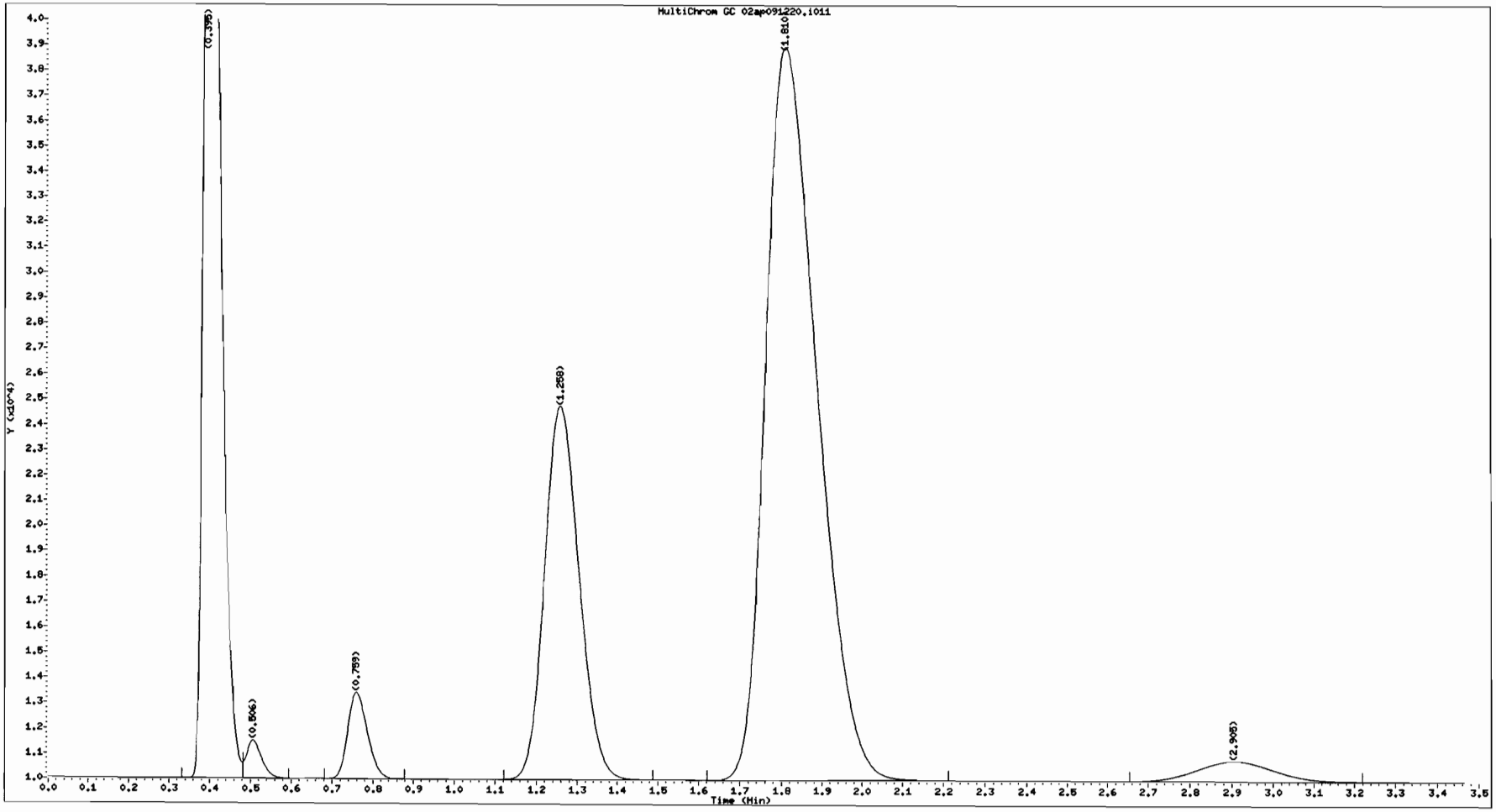
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790307	Client Sample ID: 25VP-35V6.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:21
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 02ap091220-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790307	Client Sample ID: 25VP-35V6.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:21
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 02ap091220-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.395			1874659	43222			
2	0.506			61269	1512			
3	0.759			174964	3426			
4	1.258			1319278	14756			
5	1.810			3848016	28953			
6	2.905			156568	805			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-37V11.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790312

Sample wt/vol: _____ (g/mL) ML Lab File ID: 02AP091220-R061

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.4

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

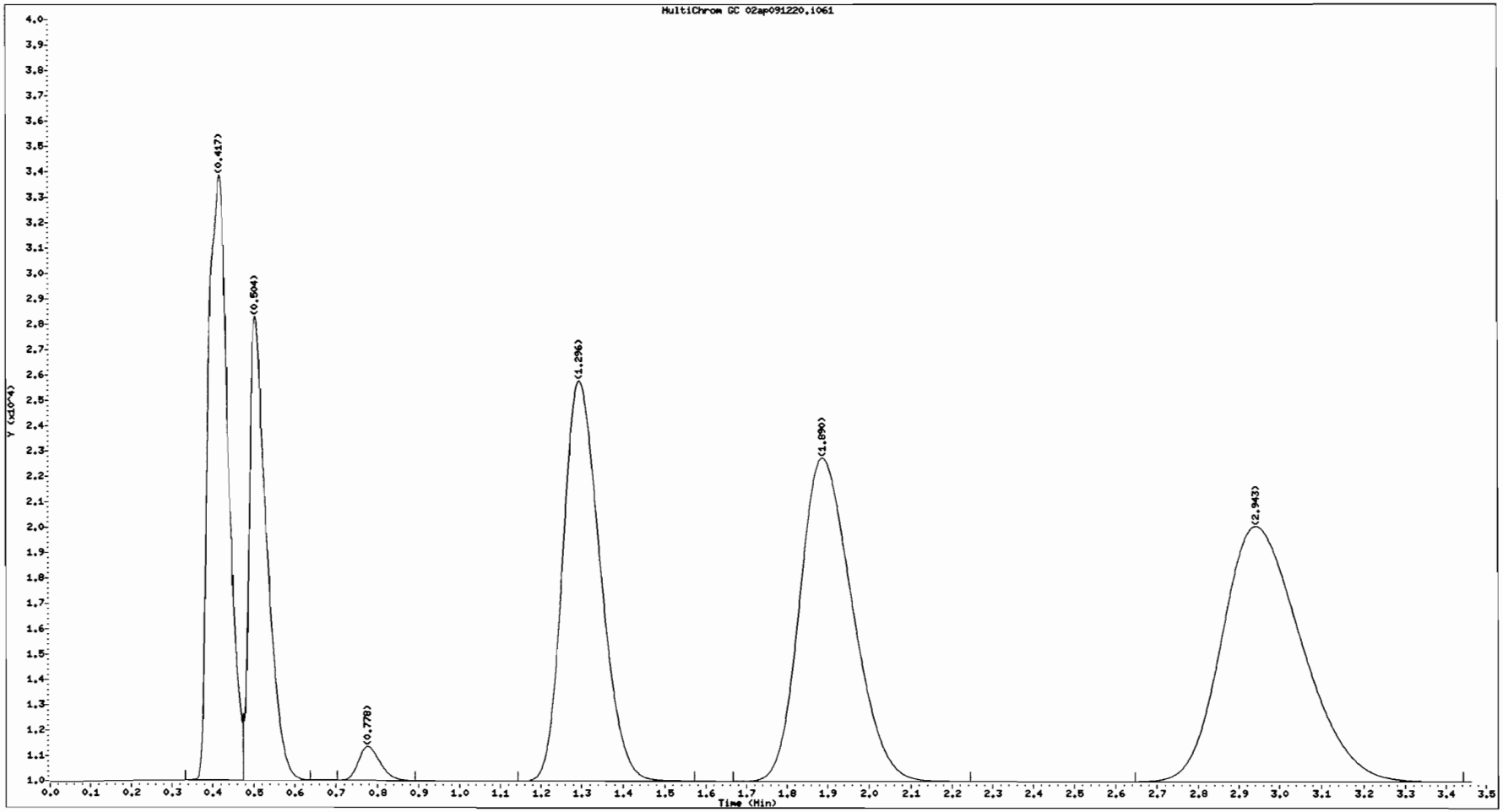
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790312	Client Sample ID: 25VP-37V11.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:44
Instrument	: 2866_2.i	Dilution Factor	: 1.4
Column	: CTR-1	Data File	: 02ap091220-r061.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790312	Client Sample ID: 25VP-37V11.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 02-APR-2009 12:44
Instrument	: 2866_2.i	Dilution Factor	: 1.4
Column	: CTR-1	Data File	: 02ap091220-r061.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.417			1219678	23856			
2	0.504			826601	18280			
3	0.778			74264	1346			
4	1.296			1503003	15775			
5	1.890			1714908	12734			
6	2.943			2060018	10041			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-38V11.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790305

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R151

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

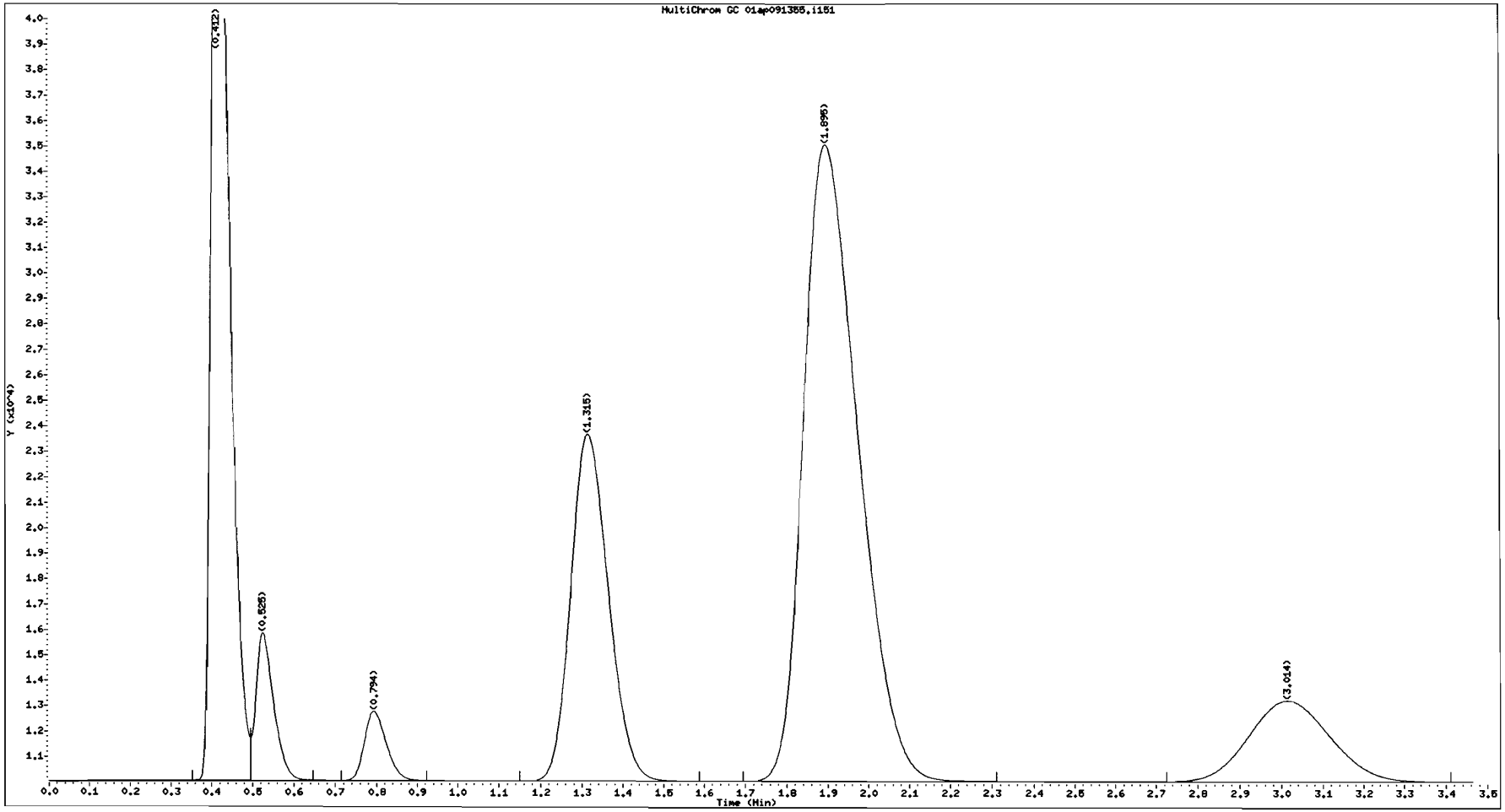
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790305	Client Sample ID: 25VP-38V11.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:58
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r151.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790305	Client Sample ID: 25VP-38V11.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:58
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r151.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.412			1805165	36270			
2	0.525			267694	5800			
3	0.794			153378	2717			
4	1.315			1317267	13639			
5	1.895			3506471	24994			
6	3.014			660675	3177			

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

25VP-39V9.5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: 790304

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091355-R141

Level: (low/med) LOW Date Received: 03/27/09

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

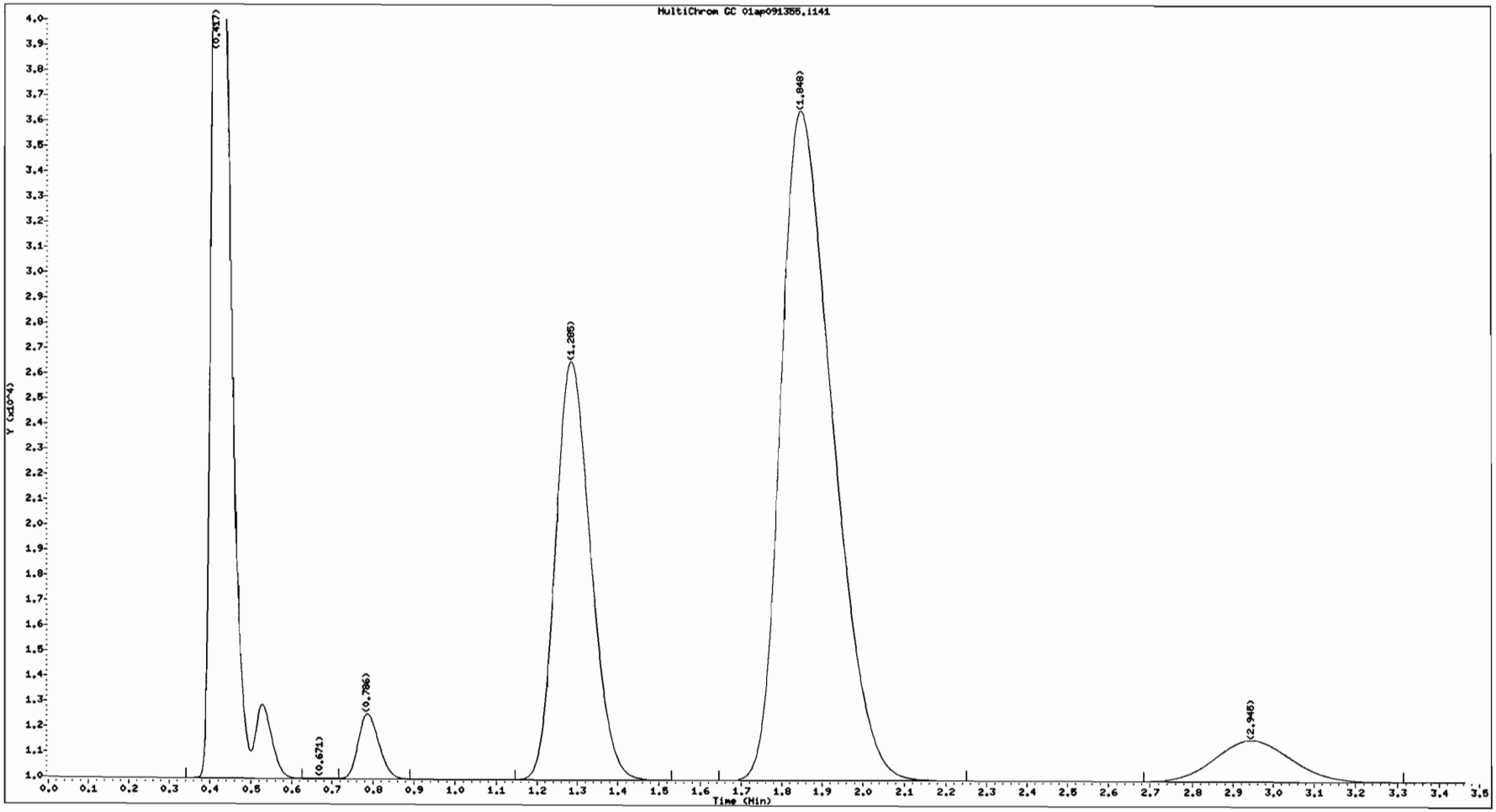
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 790304	Client Sample ID: 25VP-39V9.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:54
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r141.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 790304	Client Sample ID: 25VP-39V9.5

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 01-APR-2009 14:54
Instrument	: 2866_2.i	Dilution Factor	: 1.3
Column	: CTR-1	Data File	: 01ap091355-r141.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.417			2003706	38681		M	
2	0.671			2507	47		M	
3	0.786			136465	2577		M	
4	1.285			1529796	16581			
5	1.848			3572688	26485			
6	2.945			323390	1625			

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
	0.637	Helium

Standards – ASTM D1946

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Instrument ID: 2866_2 Calibration Date(s): 04/01/09 04/01/09

Heated Purge: (Y/N) N Calibration Time(s): 1221 1255

GC Column: CTR-1 ID: 6.35 (mm)

LAB FILE ID: RRF1.7=01AP091253-R01 RRF5 =01AP091216-R02
RRF8.3=01AP091216-R03 RRF12.5=01AP091216-R0 RRF16.7=01AP091216-R0

COMPOUND	RRF1.7	RRF5	RRF8.3	RRF 12.5	RRF 16.7	$\overline{RRF}$	% RSD
Helium	*8987.1	10200	10081	11581	11375	10445	10.1*

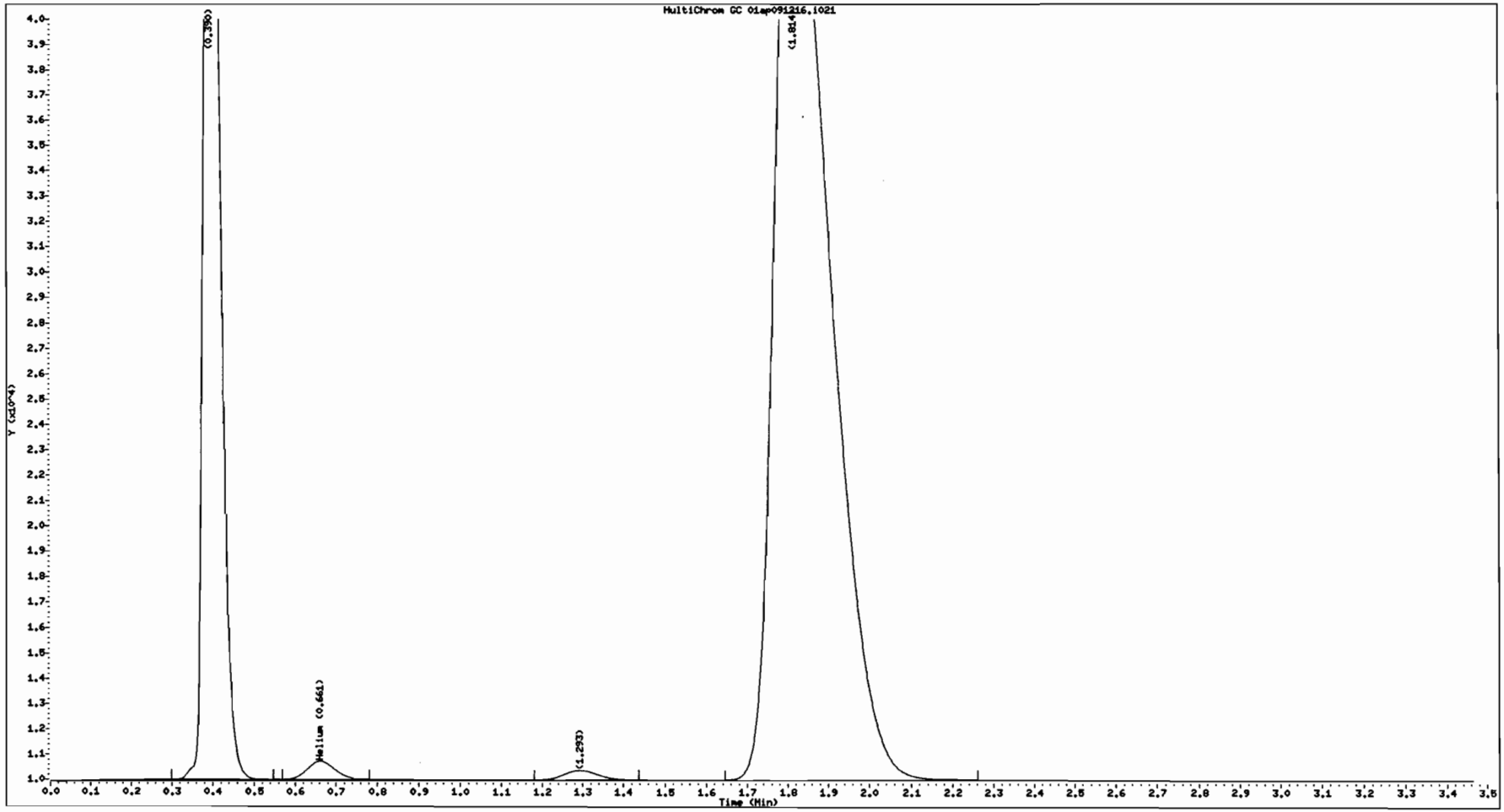
* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM VI VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL2	Client Sample ID: CAL2

Matrix	: AIR	Sample Type	: CALIB_2
Analyst	: JH2	Injection Date	: 01-APR-2009 12:21
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091216-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:06 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL2	Client Sample ID: CAL2

Matrix	: AIR	Sample Type	: CALIB_2
Analyst	: JH2	Injection Date	: 01-APR-2009 12:21
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091216-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:06 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.390			2110504	56502			
2	0.661	0.637	0.023	51002	722	5.00000000		Helium
3	1.293			32565	369			
4	1.814			5539043	39892			

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

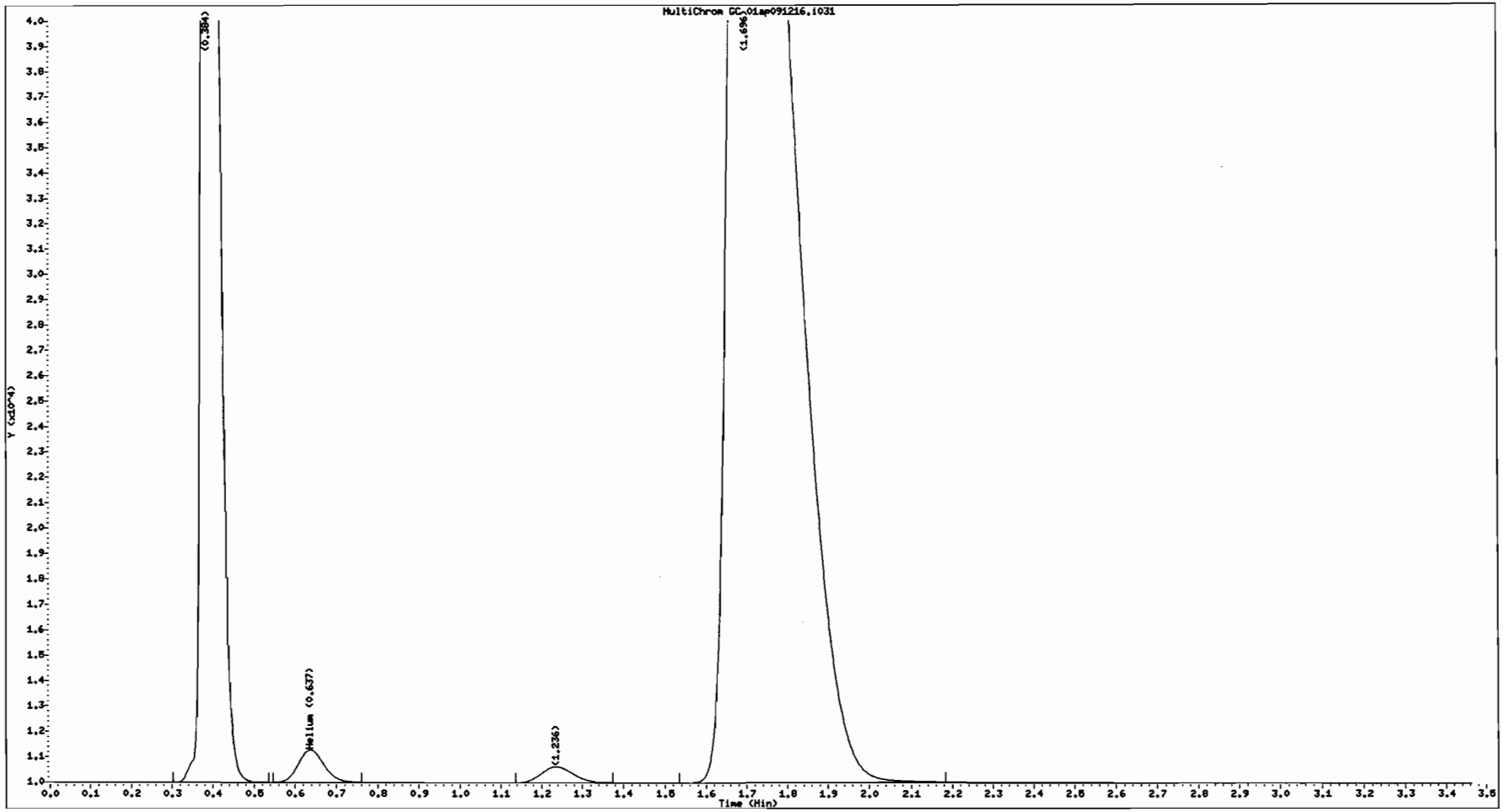
Target Compounds

Peak RT	Expected RT	Target Compound
0.661	0.637	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL3	Client Sample ID: CAL3

Matrix	: AIR	Sample Type	: CALIB_3
Analyst	: JH2	Injection Date	: 01-APR-2009 12:25
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091216-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:06 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	: 01-APR-2009 12:25
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091216-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:06 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.384			3150183	91704			
2	0.637	0.637	0.000	83676	1281	8.25132001	M	Helium
3	1.236			52480	634			
4	1.696			8847956	63363			

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

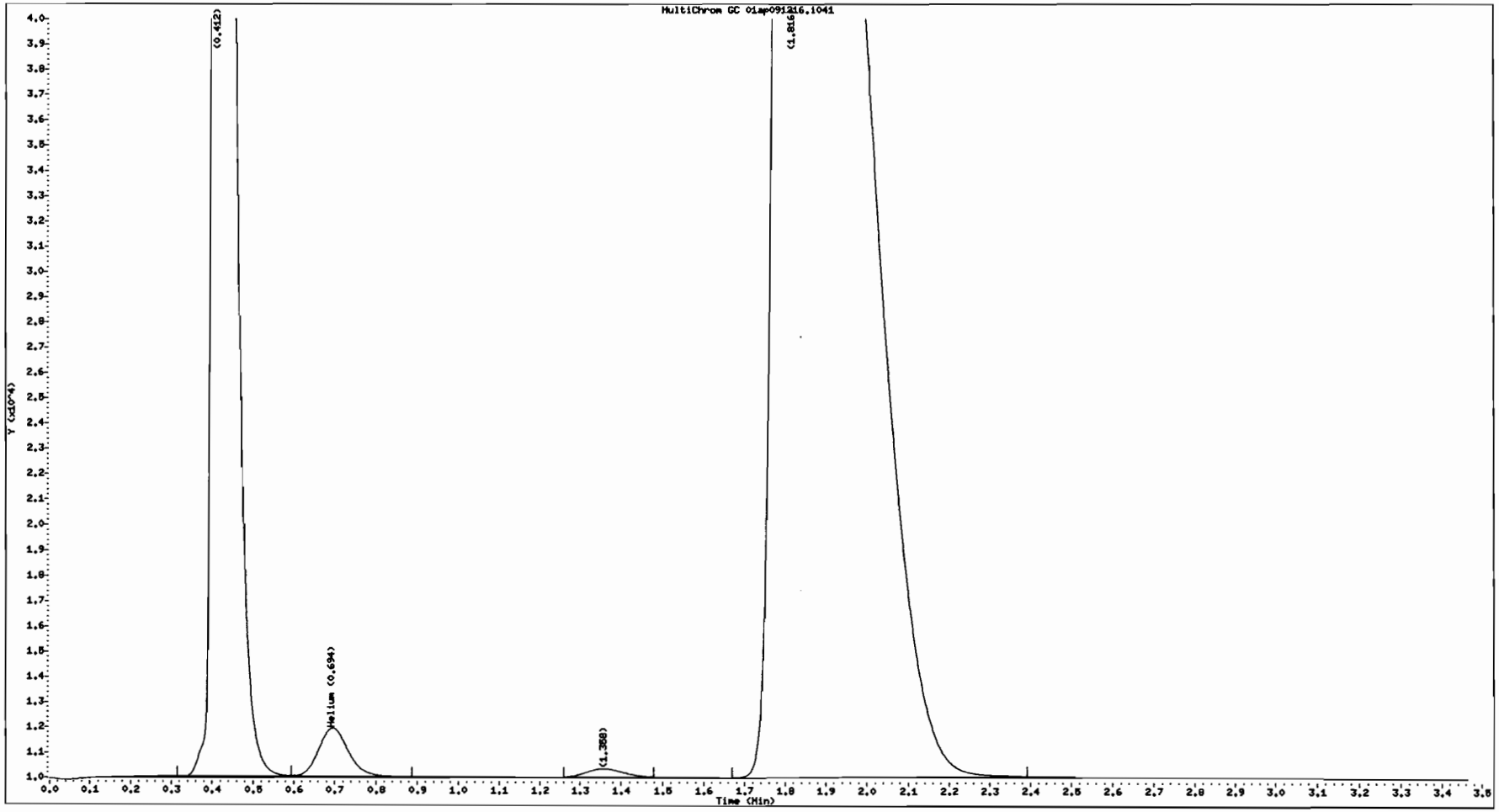
Target Compounds

Peak RT	Expected RT	Target Compound
0.637	0.637	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL4	Client Sample ID: CAL4

Matrix	: AIR	Sample Type	: CALIB_4
Analyst	: JH2	Injection Date	: 01-APR-2009 12:29
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091216-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:07 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	: 01-APR-2009 12:29
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091216-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:07 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.412			5197779	130631		M	
2	0.694	0.637	0.057	144768	1913	13.6302327	M	Helium
3	1.358			29866	334			
4	1.816			15164368	87437			

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

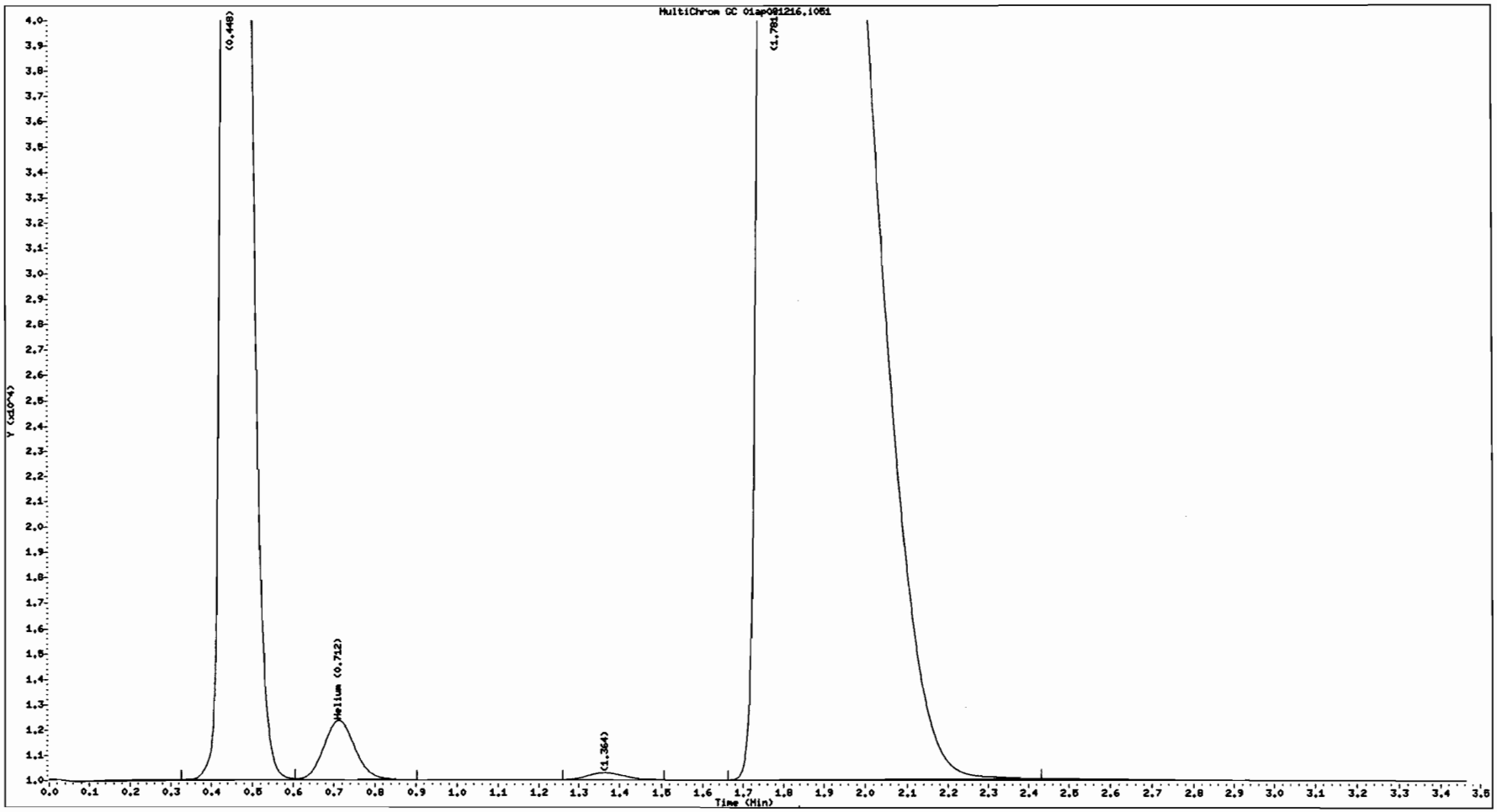
Target Compounds

Peak RT	Expected RT	Target Compound
0.694	0.637	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL5	Client Sample ID: CAL5

Matrix	: AIR	Sample Type	: CALIB_5
Analyst	: JH2	Injection Date	: 01-APR-2009 12:33
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091216-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:07 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	: 01-APR-2009 12:33
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091216-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:07 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.448			6591498	129397		M	
2	0.712	0.637	0.074	189961	2355	17.5734436	AM	Helium
3	1.364			27442	295			
4	1.781			19824017	107396			

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

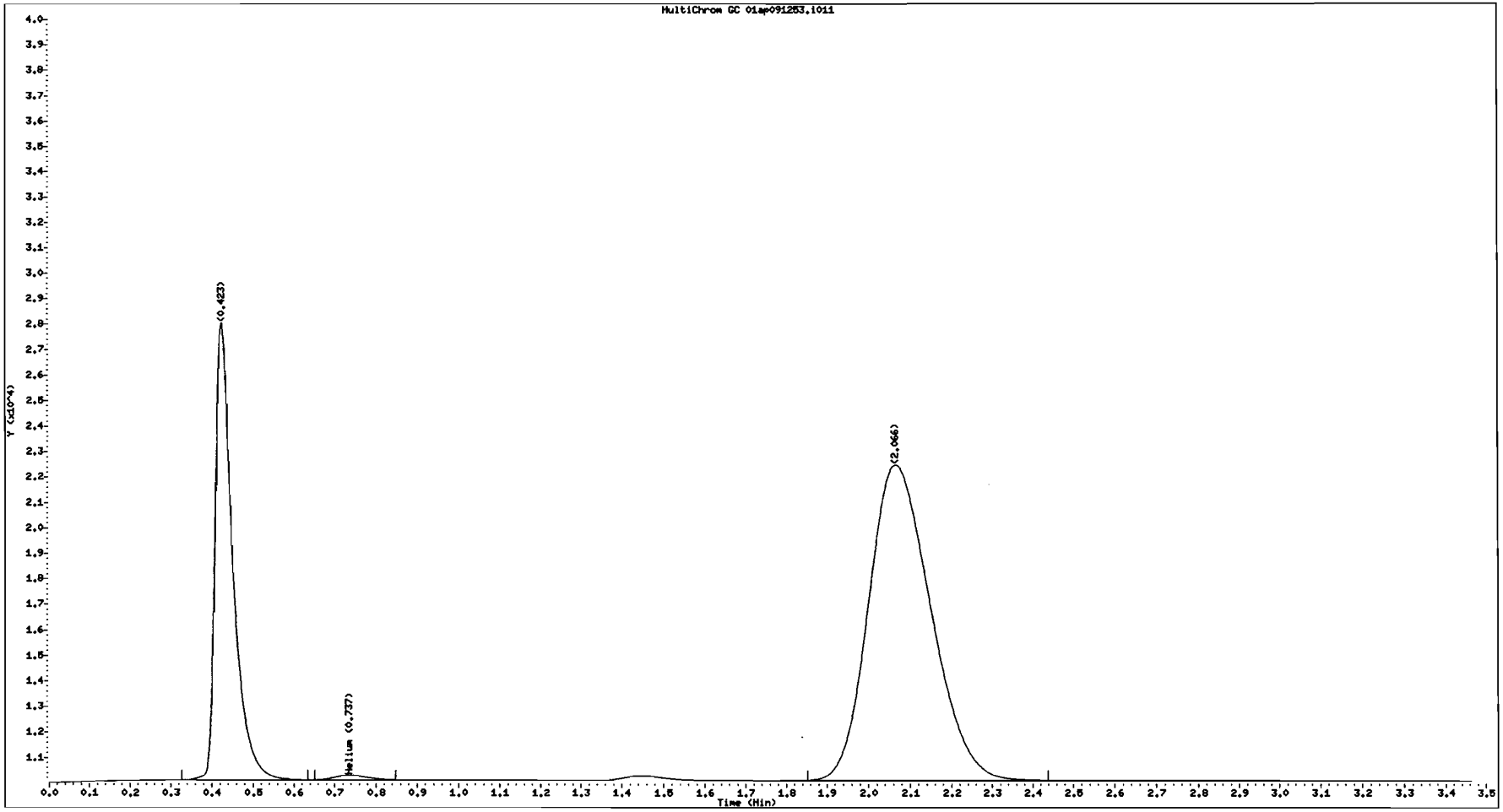
Target Compounds

Peak RT	Expected RT	Target Compound
0.712	0.637	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL1	Client Sample ID: CAL1

Matrix	: AIR	Sample Type	: CALIB_1
Analyst	: JH2	Injection Date	: 01-APR-2009 12:55
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091253-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:07 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	: 01-APR-2009 12:55
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091253-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:07 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.423			812981	17947			
2	0.737	0.637	0.100	15278	189	1.46270229	aM	Helium
3	2.066			1943035	12373			

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

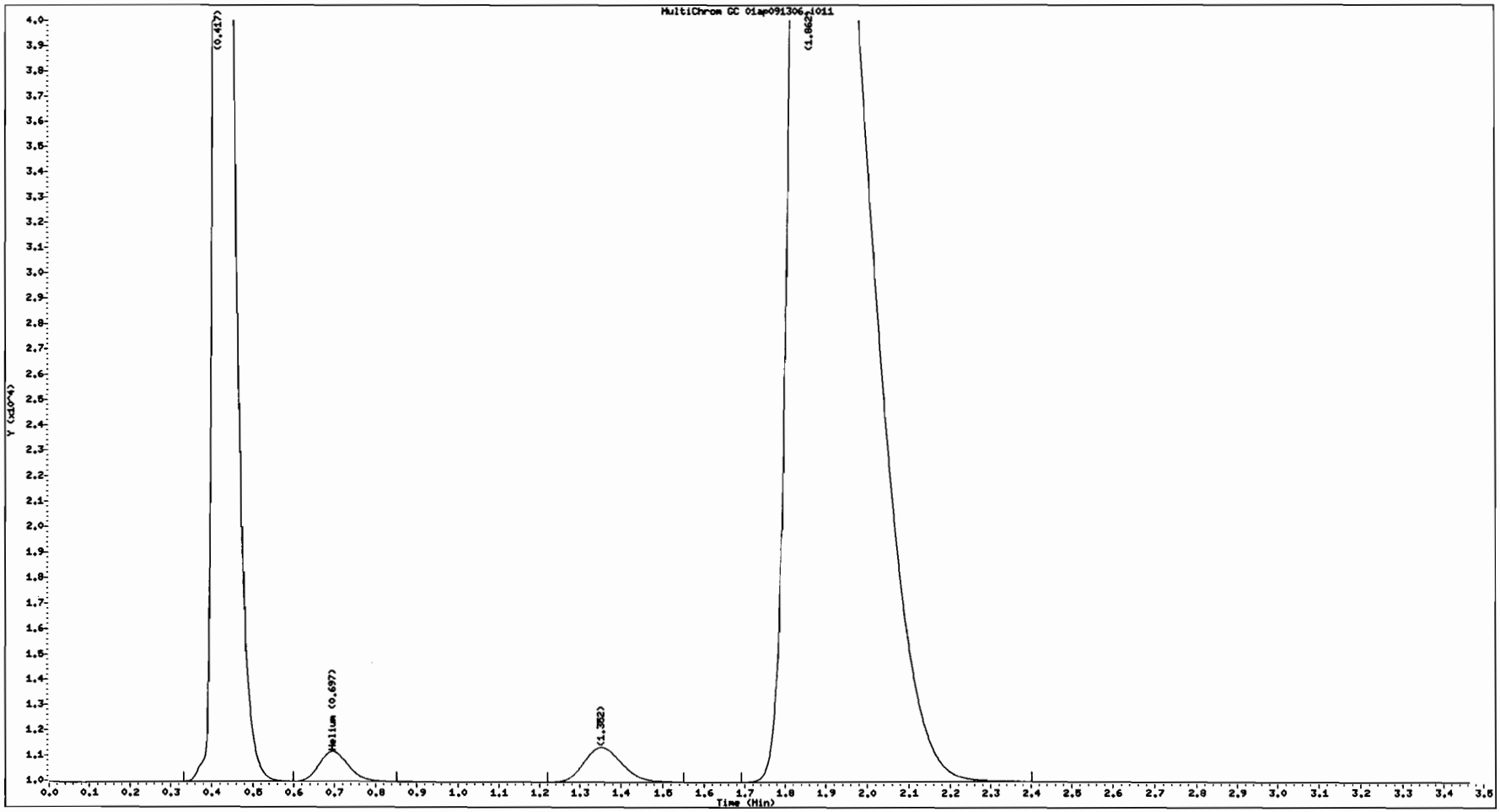
Target Compounds

Peak RT	Expected RT	Target Compound
0.737	0.637	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: ICV	Client Sample ID: ICV

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 01-APR-2009 13:08
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091306-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091306.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:40 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: ICV	Client Sample ID: ICV

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 01-APR-2009 13:08
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091306-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091306.b/ASTM_He.m		
Reported	: 01-Apr-2009 13:40 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.417			3533375	89899		M	
2	0.697	0.637	0.060	91325	1205	8.74337525	M	Helium
3	1.352			132689	1374			
4	1.862			9856566	61807			

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
0.697	0.637	Helium

Data File: 01ap091306-r011.d
Report Date: 01-Apr-2009 13:40

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/040109_2/01APR091306.b/ASTM_He.m
Misc Info:

Client SDG: 01APR091306
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	8.7	105.34	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Instrument ID: 2866_2 Calibration Date: 04/01/09 Time: 1521

Lab File ID: 01AP091519-R01 Init. Calib. Date(s): 04/01/09 04/01/09

Heated Purge: (Y/N) N Init. Calib. Times: 1221 1255

GC Column: CTR-1 ID: 6.35 (mm)

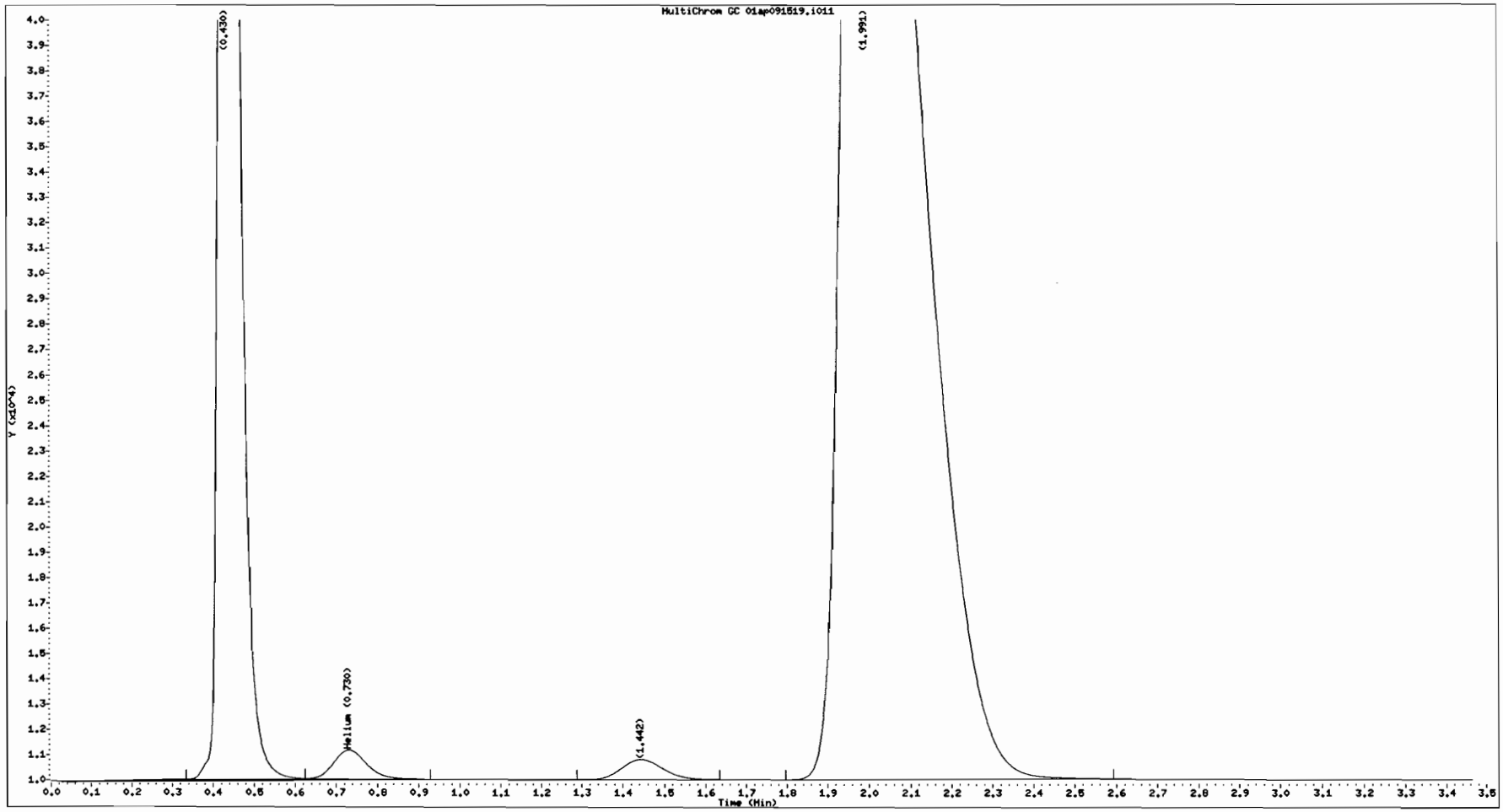
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	10445.051	12132.169		16.2	30.0

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	: 01-APR-2009 15:21
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091519-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: JH2	Injection Date	: 01-APR-2009 15:21
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091519-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.430			3722086	83680		M	
2	0.730	0.637	0.093	100698	1170	9.64064229	M	Helium
3	1.442			84640	805			
4	1.991			10548930	60795			

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
0.730	0.637	Helium

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Instrument ID: 2866_2 Calibration Date: 04/02/09 Time: 0902

Lab File ID: 02AP090901-R01 Init. Calib. Date(s): 04/01/09 04/01/09

Heated Purge: (Y/N) N Init. Calib. Times: 1221 1255

GC Column: CTR-1 ID: 6.35 (mm)

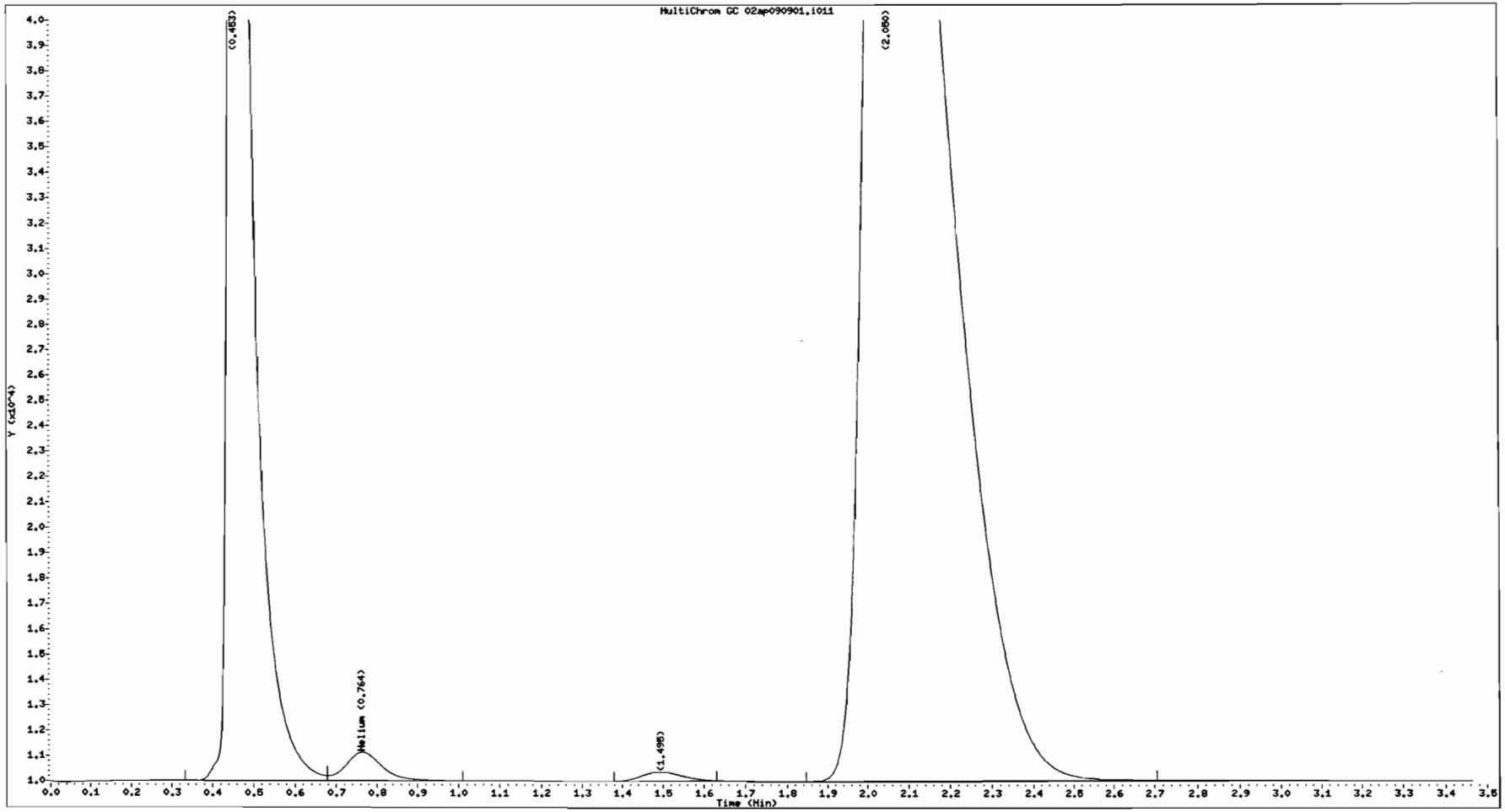
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	10445.051	13015.422		24.6	30.0

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	: 02-APR-2009 09:02
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 02ap090901-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: JH2	Injection Date	: 02-APR-2009 09:02
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 02ap090901-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.453			4044835	86326		M	
2	0.764	0.637	0.127	108028	1130	10.3425058	M	Helium
3	1.495			37622	369			
4	2.050			10963872	58787			

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
0.764	0.637	Helium

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Instrument ID: 2866_2 Calibration Date: 04/02/09 Time: 1305

Lab File ID: 02AP091304-R01 Init. Calib. Date(s): 04/01/09 04/01/09

Heated Purge: (Y/N) N Init. Calib. Times: 1221 1255

GC Column: CTR-1 ID: 6.35 (mm)

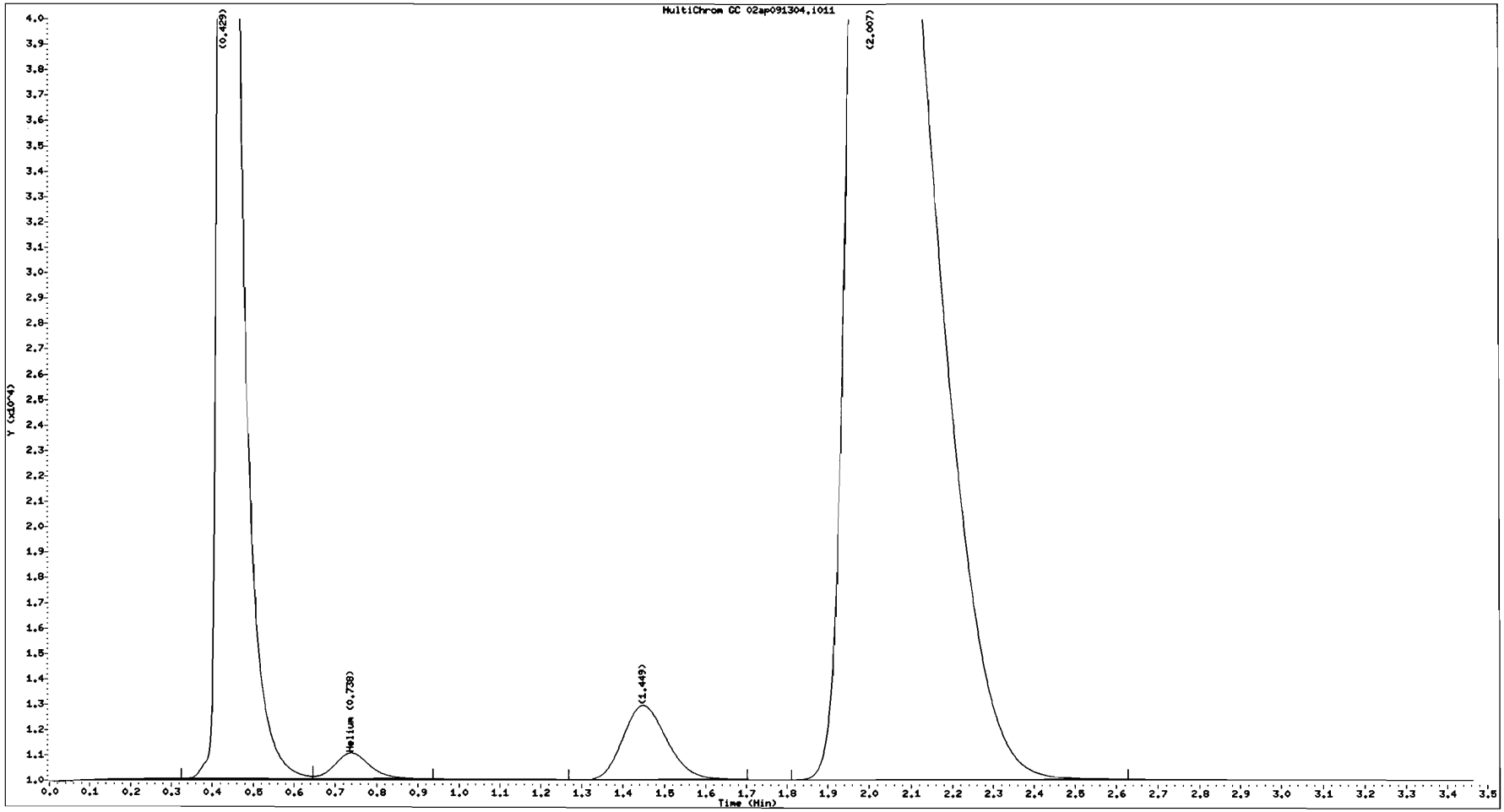
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	10445.051	10789.398		3.3	30.0

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	: 02-APR-2009 13:05
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 02ap091304-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: JH2	Injection Date	: 02-APR-2009 13:05
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 02ap091304-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:30 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.429			3968939	86109		M	
2	0.738	0.637	0.101	89552	1002	8.57362979	M	Helium
3	1.449			324398	2906			
4	2.007			10364983	58263			

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
0.738	0.637	Helium

Raw QC Data – ASTM D1946

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLKC040109A

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: MBLKC040109A

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091306-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

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

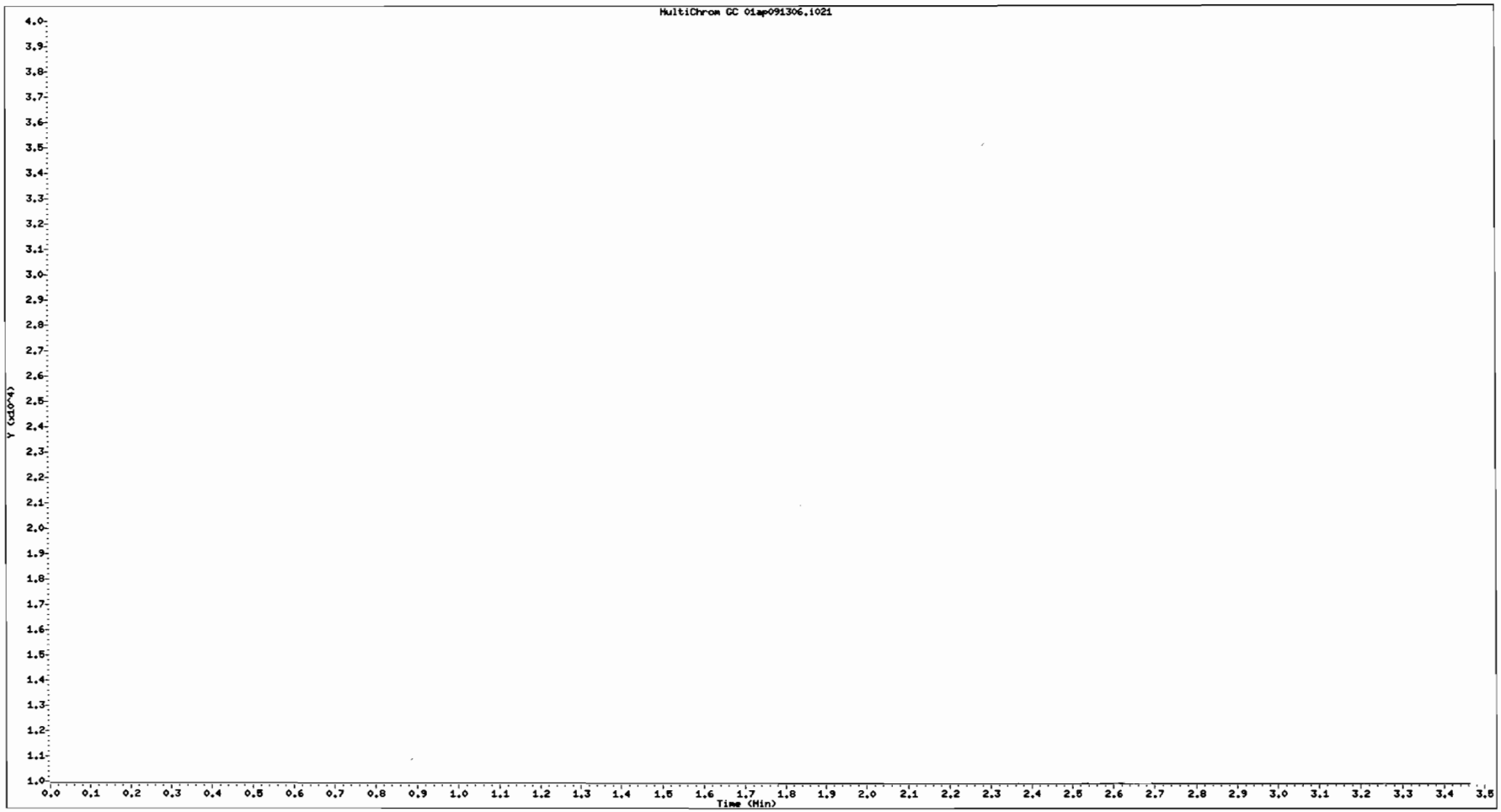
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	1.7	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: MBLKC040109A	Client Sample ID: MBLKC040109A

Matrix	: AIR	Sample Type	: BLANK
Analyst	: JH2	Injection Date	: 01-APR-2009 13:12
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091306-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: MBLKC040109A	Client Sample ID: MBLKC040109A

Matrix	: AIR	Sample Type	: BLANK
Analyst	: JH2	Injection Date	: 01-APR-2009 13:12
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091306-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLKC040209A

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: MBLKC040209A

Sample wt/vol: _____ (g/mL) ML Lab File ID: 02AP090901-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

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

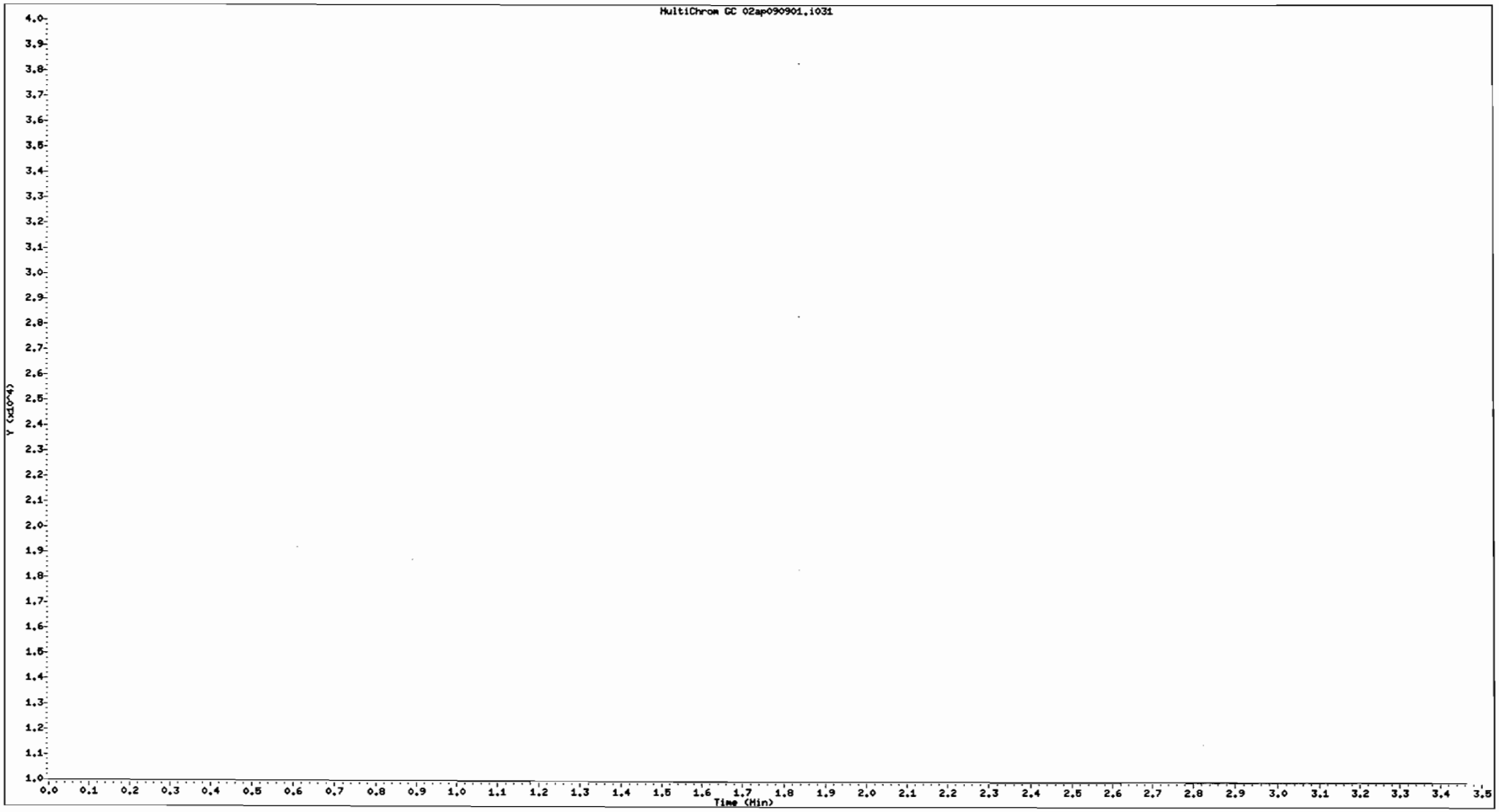
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	1.7	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: MBLKC040209A	Client Sample ID: MBLKC040209A

Matrix	: AIR	Sample Type	: BLANK
Analyst	: JH2	Injection Date	: 02-APR-2009 09:15
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 02ap090901-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: MBLKC040209A	Client Sample ID: MBLKC040209A

Matrix	: AIR	Sample Type	: BLANK
Analyst	: JH2	Injection Date	: 02-APR-2009 09:15
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 02ap090901-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		

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
	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

C040109ALCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: C040109ALCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 01AP091306-R011

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/01/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

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

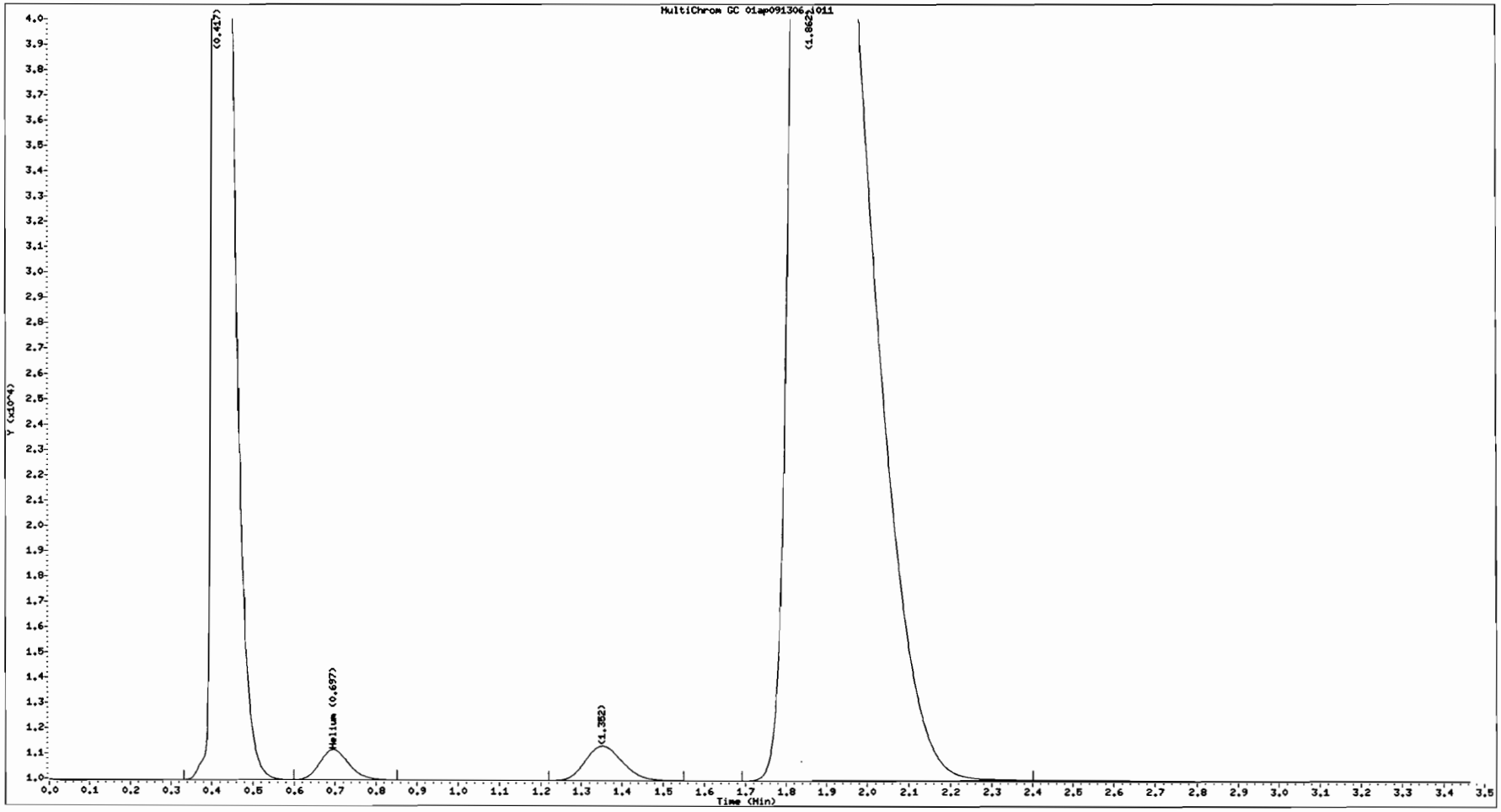
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	8.7	

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: C040109ALCS	Client Sample ID: C040109ALCS

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 01-APR-2009 13:08
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091306-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: C040109ALCS	Client Sample ID: C040109ALCS

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 01-APR-2009 13:08
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 01ap091306-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:28 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.417			3533375	89899		M	
2	0.697	0.637	0.060	91325	1205	8.74337525	M	Helium
3	1.352			132689	1374			
4	1.862			9856566	61807			

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
0.697	0.637	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

C040209ALCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: 130896

Matrix: (soil/water) AIR Lab Sample ID: C040209ALCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 02AP090901-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 04/02/09

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

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

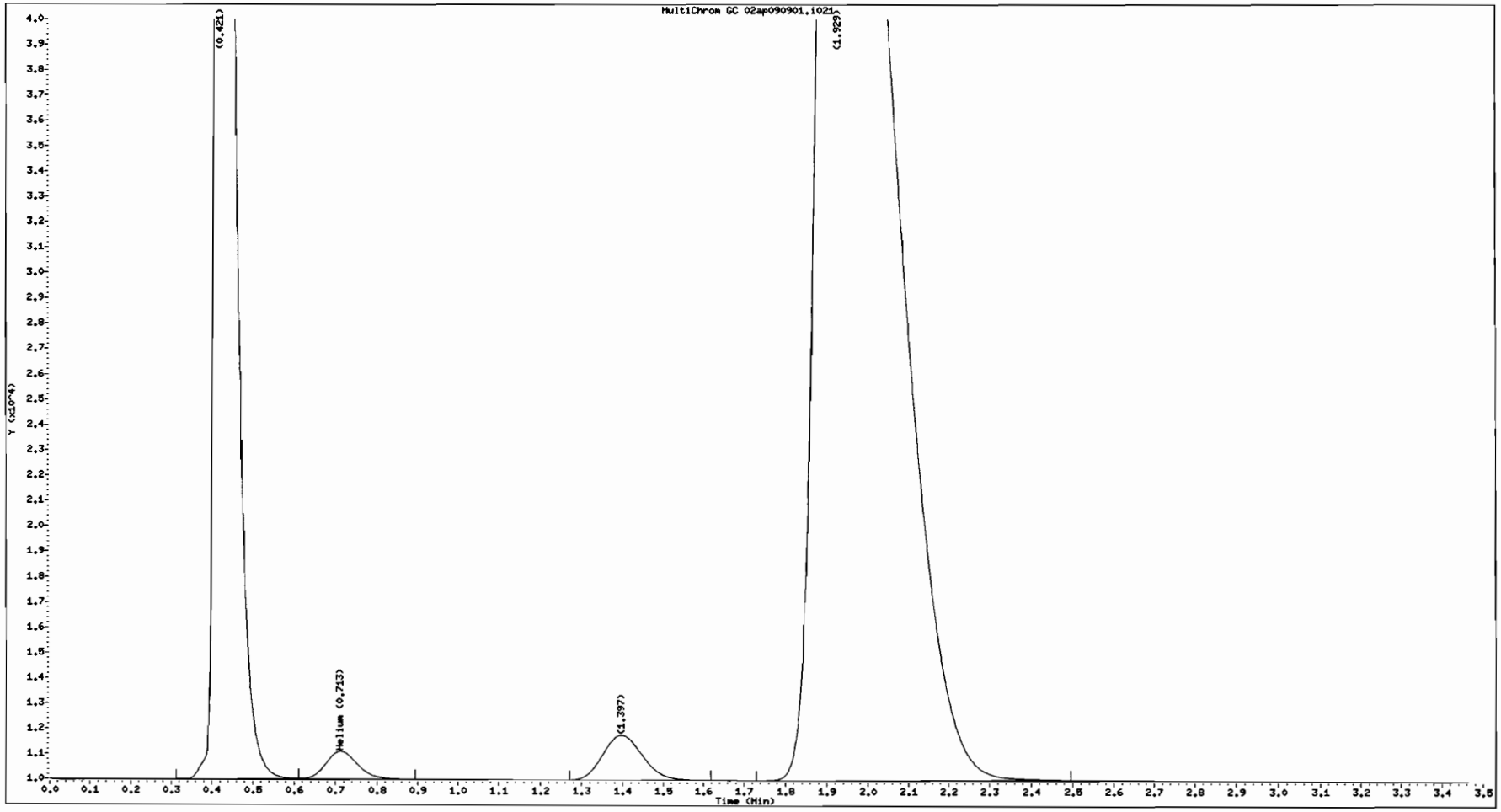
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	8.8	

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: C040209ALCS	Client Sample ID: C040209ALCS

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 02-APR-2009 09:11
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 02ap090901-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: C040209ALCS	Client Sample ID: C040209ALCS

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 02-APR-2009 09:11
Instrument	: 2866_2.i	Dilution Factor	: 1.0
Column	: CTR-1	Data File	: 02ap090901-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/040109_2/01APR091216.b/ASTM_He.m		
Reported	: 10-Apr-2009 15:29 jd1		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.421			3621844	88692		M	
2	0.713	0.637	0.075	91592	1115	8.76893759	M	Helium
3	1.397			183389	1784			
4	1.929			10170548	60735			

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
0.713	0.637	Helium

Sample Preparation – ASTM D1946

TestAmerica Burlington - Manual Integration Summary
SDG: 130896 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	
CAL3	CAL3	INIT. CALIB.	2866_2	CTR-1	01-APR-2009 12:25	01AP091216-R031			
	0.637	Helium			MI2 - Peak missed		jh2 04/01/09 12:47	JHL 3/ 4/2/09	
CAL4	CAL4	INIT. CALIB.	2866_2	CTR-1	01-APR-2009 12:29	01AP091216-R041			
	0.694	Helium			MI1 - Poor automated baseline		jh2 04/01/09 12:49		
CAL5	CAL5	INIT. CALIB.	2866_2	CTR-1	01-APR-2009 12:33	01AP091216-R051			
	0.712	Helium			MI1 - Poor automated baseline		jh2 04/01/09 12:50		
CAL1	CAL1	INIT. CALIB.	2866_2	CTR-1	01-APR-2009 12:55	01AP091253-R011			
	0.737	Helium			MI2 - Peak missed		jh2 04/01/09 13:04		
ICV	ICV	LCS	2866_2	CTR-1	01-APR-2009 13:08	01AP091306-R011			
	0.697	Helium			MI1 - Poor automated baseline		jh2 04/01/09 13:39		
CCV	CCV	CONT. CALIB.	2866_2	CTR-1	01-APR-2009 15:21	01AP091519-R011			
	0.730	Helium			MI1 - Poor automated baseline		jh2 04/01/09 15:30		
CCV	CCV	CONT. CALIB.	2866_2	CTR-1	02-APR-2009 09:02	02AP090901-R011			
	0.764	Helium			MI1 - Poor automated baseline		jh2 04/02/09 09:21		
C040209ALCS	C040209ALCS	LCS	2866_2	CTR-1	02-APR-2009 09:11	02AP090901-R021			
	0.713	Helium			MI1 - Poor automated baseline		jh2 04/02/09 09:22		
CCV	CCV	CONT. CALIB.	2866_2	CTR-1	02-APR-2009 13:05	02AP091304-R011			
	0.738	Helium			MI1 - Poor automated baseline		jh2 04/02/09 13:15		

Summary Generated: jh2 04/02/2009 13:21 Secondary Review(1): JPD | 04/10/09 Secondary Review(2): _____ | _____ Page 1

INSTRUMENT RUN LOG
INSTRUMENT ID: VR-3600

Project Reference: 040109	Test Method: ASTM D1946 He				Nitrogen / Acetylene Lot#[2]:
Calibration Date: 040109 - 2	Instrument: Varian 3600	Type:	Headspace		ICAL / CCV Lot #: AT03310901
Start Date: 4/1/09 Time: 1217	Channel 51 Column:	Rt-UPLOT	☐ FID		ICV / LCS Lot #: AT03310902
End Date: 4/2/09 Time: 1217	Channel 52 Column:	CTR-1	☒ TCD		Other:

Injection #	Injection Time	Lab ID	Bottle Code	ETR	File Name	Dilution Factor	Conc.[1]	Analyst	Comments
1	1217	CAL1	4364		01APR091216	1.0	R	JHZ	
2	1221	CAL2	↓		↓	↓	✓	↓	ICAL
3	1225	CAL3					✓		
4	1229	CAL4					✓		
5	1233	CAL5					✓		
1	1255	CAL1	4364		01APR091253	1.0	✓		
1	1308	ICV	4813		01APR091306	1.0	✓		
2	1312	MBLKC040109A			↓	↓	✓		
1	1356	790291	4139	130896	01APR091355	1.31	✓		
2	1400	790292	4279	↓	↓	1.21	✓		
3	1404	790293	3321			1.22	✓		
4	1408	790294	4288			1.51	✓		
5	1412	790295	3138			1.21	✓		
6	1418	790296	4356			1.26	✓		
7	1422	790297	2733			1.40	✓		
8	1426	790298	4775			1.30	✓		
9	1431	790299	4387			1.21	✓		
10	1436	790300	3205			1.26	✓		
11	1440	790301	3627			1.31	✓		
12	1445	790302	4010			1.20	✓		
13	1448	790303	2670			1.46	✓		
14	1454	790304	4309			1.34	✓		
15	1458	790305	4374			1.26	✓		
16	1503	790306	3209	↓	↓	1.34	✓		
1	1521	CCV	4364		01APR091519	1.0	✓	↓	

[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

JHZ 4/1/09

BR-FAI008:08.13.08:6
TestAmerica

INSTRUMENT RUN LOG
INSTRUMENT ID: VR-3600

Project Reference: 090109		Test Method: ASTM D1946 : He				Nitrogen / Acetylene Lot#[2]:	
Calibration Date: 090109.2		Instrument: Varian 3600	Type:	Headspace		ICAL / CCV Lot #:	AT0331090 1
Start Date: 4/2/09	Time: 0902	Channel 51 Column:	Rt-UPLOT	☐ FID		ICV / LCS Lot #:	AT0331090 2
End Date: 4/3/09	Time: 0902	Channel 52 Column:	CTR-1	☒ TCD		Other:	

Injection #	Injection Time	Lab ID	Bottle Code	ETR	File Name	Dilution Factor	Conc.[1]	Analyst	Comments
1	0902	CCV	4364		02APR090901	1.0	✓	JHZ	
2	0911	CO40209ALCS	4813		↓	↓	✓	↓	
3	0915	MBKLO40209A			↓	↓	✓	↓	
1	1221	790307	4302	130896	02APR091220	1.30	✓	↓	
2	1225	790308	4287	↓	↓	1.21	✓	↓	
3	1231	790309	3553	↓	↓	1.27	✓	↓	
4	1235	790310	4072	↓	↓	1.45	✓	↓	
5	1239	790311	3319	↓	↓	1.35	✓	↓	
6	1244	790312	4797	↓	↓	1.35	✓	↓	
1	1305	CCV	4364		02APR091304	1.0	✓	↓	

JHZ 04/02/09
JHZ 04/2/9

[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

SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 130896

Page: 1 of 1
Analyst: JH2
Date: 04/01/09

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
790291	-2.5	=	0.92	5.50	3	=	1.20	7.22	1.31
790292	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
790293	0	=	1.00	6.00	3.2	=	1.22	7.31	1.22
790294	-6	=	0.80	4.80	3	=	1.20	7.22	1.51
790295	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
790296	-1.3	=	0.96	5.74	3	=	1.20	7.22	1.26
790297	-4	=	0.87	5.20	3.1	=	1.21	7.27	1.40
790298	-1.8	=	0.94	5.64	3.2	=	1.22	7.31	1.30
790299	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
790300	-1.4	=	0.95	5.72	3	=	1.20	7.22	1.26
790301	-2.3	=	0.92	5.54	3.1	=	1.21	7.27	1.31
790302	0	=	1.00	6.00	3	=	1.20	7.22	1.20
790303	-5.1	=	0.83	4.98	3.1	=	1.21	7.27	1.46
790304	-2.7	=	0.91	5.46	3.2	=	1.22	7.31	1.34
790305	-1.4	=	0.95	5.72	3	=	1.20	7.22	1.26
790306	-2.8	=	0.91	5.44	3.1	=	1.21	7.27	1.34
790307	-2	=	0.93	5.60	3.1	=	1.21	7.27	1.30
790308	0	=	1.00	6.00	3.1	=	1.21	7.27	1.21
790309	-1.7	=	0.94	5.66	2.9	=	1.20	7.18	1.27
790310	-5.1	=	0.83	4.98	3	=	1.20	7.22	1.45
790311	-3	=	0.90	5.40	3.2	=	1.22	7.31	1.35
790312	-3.4	=	0.89	5.32	2.9	=	1.20	7.18	1.35

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.

BR-FAI035A:09.12.06:0
TestAmerica

Date / Time Printed: 4/2/2009 12:20 PM

Sample Handling

From: Origin ID: KPDA (610) 337-9992
Sample Receipt
Test America
1008 West 9th Ave

King of Prussia, PA 19406

FedEx Express

J9011090130202 3

Ship Date: 26MAR09
ActWgt: 8.0 LB
CAD: 8490299/INET9011
Account#: S *********

Delivery Address Bar Code

SHIP TO: (802) 660-1990 BILL RECIPIENT

Test America - Burlington
Test America - Burlington
30 COMMUNITY DR STE 11

SOUTH BURLINGTON, VT 05403

Ref #
Invoice #
PO #
Dept #

2 of 8

MPS# 0263 7974 5213 1241

Mstr# 7964 6400 2732 0201

FRI - 27MAR **AA**
STANDARD OVERNIGHT

ZF BTVA

05403
VT-US
BTV

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J9015B891302023

Ship Date: 26MAR09
ActWgt: 8.0 LB
CAD: 8490299/INET9011
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Invoice #
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Dept #

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Test America - Burlington
Test America - Burlington
30 COMMUNITY DR STE 11

SOUTH BURLINGTON, VT 05403

3 of 8

MPS# 0263 7974 5213 1285

Mstr# 7964 6400 2732 0201

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Sample Receipt
Test America
1008 West 9th Ave

King of Prussia, PA 19406

FedEx Express

J9811990130202 3

Ship Date: 26MAR09
ActWgt: 38.0 LB
CAD: 8490299/INET9011
Account#: S *********

Delivery Address Bar Code

Ref #
Invoice #
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Dept #

SHIP TO: (802) 660-1990 BILL RECIPIENT

Test America - Burlington
Test America - Burlington
30 COMMUNITY DR STE 11*

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4 of 8

MPS# 0263 7964 6400 2879

Mstr# 7964 6400 2732 0201

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SYSTEM: 0202.0 ****
Account: S ********
Dimmed: 20x20x14 IN

JACK DUSTIN
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
UNITED STATES US

From: Origin ID: KPDA (610) 337-9992
Sample Receipt
Test America
1008 West 9th Ave

King of Prussia, PA 19406

FedEx Express

J9011090130292 3

Ship Date: 26MAR09
ActWgt: 38.0 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

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5 of 8

MPS# 0263 7964 6400 2890
Mstr# 7964 6400 2732 0201

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Sample Receipt
Test America
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King of Prussia, PA 19406

FedEx. Express

Ship Date: 26MAR09
ActWgt: 38.0 LB
CAD: 8490299/INET9011
Account#: S *********

Delivery Address Bar Code

Ref #
Invoice #
PO #
Dept #

SHIP TO: (802) 660-1990 BILL RECIPIENT

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Test America - Burlington
30 COMMUNITY DR STE 11

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6 of 8

MPS# 0263 7974 5213 1377

Mstr# 7964 6400 2732 0201

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Sample Receipt
Test America
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King of Prussia, PA 19406

FedEx Express

J5011090136203

Ship Date: 26MAR09
ActWgt: 38.0 LB
CAD: 8490299/NET9011
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

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7 of 8

MPS# 0263 7964 6400 2982

Mstr# 7964 6400 2732 0201

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From: Origin ID: KPDA (610) 337-9992
Sample Receipt
Test America
1008 West 9th Ave

King of Prussia, PA 19406

FedEx. Express

J9611090130202 3

Ship Date: 26MAR09
ActWgt: 38.0 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

8 of 8

MPS# 0263 7974 5213 1458

Mstr# 7964 6400 2732 0201

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TestAmerica Burlington

SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	ROHHAA	Date Received:	03/27/09	Log In Date:	03/27/09
ETR:	130896	Time Received:	1020	By:	CK
SDG:	130896	Received By:	CK	Signature:	Chrunkall
Project:	2000	# Coolers Received:	7 Boxes	PM Signature:	
Samples Delivered By:	☒ Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)			Date:	4/3/09

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: 165450, 165470, 165480, 165490, 165460, 165430, 165440

Thermal Preservation Type: ☐ Wet Ice ☐ Blue Ice ☒ 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 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	Ambient
• 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			
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

Samples ids listed on coc and id tags list @ Symbol removed the @ Symbol from all ids since it can not be used in LIMS. Also, dropped the n from each id to allow sample id congruence.

FSR002:12.19.07.3