TestAmerica
South Burlington, VT

Extended Data Package

SDG: 123558

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Case Narrative

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

January 10, 2008

Ms. Emily Stroke
URS Corporation
335 Commerce Drive
Fort Washington, Pa 19034

Re: Laboratory Project No. 27000
Case: 27000; SDG: 123558

Dear Ms. Stroke:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on December 20th, 2007. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 12/20/07 ETR No: 123558		
736413	20071219VP-14V4.5@N	12/19/07	AIR
736414	20071219FD	12/19/07	AIR
736415	20071219VP-10V2.5@N	12/19/07	AIR
736416	20071219VP-08V2.5@N	12/19/07	AIR
736417	20071219VP-11V2@N	12/19/07	AIR
736418	20071219VP-07V1.5@N	12/19/07	AIR
736419	20071219VP-13V1.5@N	12/19/07	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 majority of the samples in this delivery group were accomplished at dilution based on screen analyses to ensure quantitation of all target analytes 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.

30 Community Drive, Suite 11 South Burlington, VT 05403 **tel** 802.660.1990 **fax** 802.660.1919 **www.testamericainc.com**

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

Sincerely,

Don Dawicki
Project Manager

Enclosure

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-14V4.5@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 79.50

Sample Matrix: AIR

Lab Sample No.: 736413

Date Analyzed: 12/29/2007

Date Received: 12/20/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	40	U	40	83	U	83
Vinyl Chloride	75-01-4	16	U	16	41	U	41
Bromomethane	74-83-9	16	U	16	62	U	62
Chloroethane	75-00-3	40	U	40	110	U	110
1,1-Dichloroethene	75-35-4	16	U	16	63	U	63
Acetone	67-64-1	400	U	400	950	U	950
Carbon Disulfide	75-15-0	40	U	40	120	U	120
Methylene Chloride	75-09-2	40	U	40	140	U	140
trans-1,2-Dichloroethene	156-60-5	16	U	16	63	U	63
1,1-Dichloroethane	75-34-3	16	U	16	65	U	65
Methyl Ethyl Ketone	78-93-3	40	U	40	120	U	120
cis-1,2-Dichloroethene	156-59-2	16	U	16	63	U	63
Chloroform	67-66-3	2300		16	11000		78
1,1,1-Trichloroethane	71-55-6	16	U	16	87	U	87
Carbon Tetrachloride	56-23-5	16	U	16	100	U	100
Benzene	71-43-2	16	U	16	51	U	51
1,2-Dichloroethane	107-06-2	16	U	16	65	U	65
Trichloroethene	79-01-6	16	U	16	86	U	86
1,2-Dichloropropane	78-87-5	16	U	16	74	U	74
Bromodichloromethane	75-27-4	16	U	16	110	U	110
cis-1,3-Dichloropropene	10061-01-5	16	U	16	73	U	73
Methyl Isobutyl Ketone	108-10-1	40	U	40	160	U	160
Toluene	108-88-3	16	U	16	60	U	60
trans-1,3-Dichloropropene	10061-02-6	16	U	16	73	U	73
1,1,2-Trichloroethane	79-00-5	16	U	16	87	U	87
Tetrachloroethene	127-18-4	21		16	140		110
Methyl Butyl Ketone	591-78-6	40	U	40	160	U	160
Dibromochloromethane	124-48-1	16	U	16	140	U	140
Chlorobenzene	108-90-7	16	U	16	74	U	74
Ethylbenzene	100-41-4	16	U	16	69	U	69
Xylene (m,p)	1330-20-7	40	U	40	170	U	170
Xylene (o)	95-47-6	16	U	16	69	U	69
Styrene	100-42-5	16	U	16	68	U	68

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-14V4.5@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 79.50

Sample Matrix: AIR

Lab Sample No.: 736413

Date Analyzed: 12/29/2007

Date Received: 12/20/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	16	U	16	170	U	170
1,1,2,2-Tetrachloroethane	79-34-5	16	U	16	110	U	110

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219FD

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 80.40

Sample Matrix: AIR

Lab Sample No.: 736414

Date Analyzed: 12/29/2007

Date Received: 12/20/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	40	U	40	83	U	83
Vinyl Chloride	75-01-4	16	U	16	41	U	41
Bromomethane	74-83-9	16	U	16	62	U	62
Chloroethane	75-00-3	40	U	40	110	U	110
1,1-Dichloroethene	75-35-4	16	U	16	63	U	63
Acetone	67-64-1	400	U	400	950	U	950
Carbon Disulfide	75-15-0	40	U	40	120	U	120
Methylene Chloride	75-09-2	40	U	40	140	U	140
trans-1,2-Dichloroethene	156-60-5	16	U	16	63	U	63
1,1-Dichloroethane	75-34-3	16	U	16	65	U	65
Methyl Ethyl Ketone	78-93-3	40	U	40	120	U	120
cis-1,2-Dichloroethene	156-59-2	16	U	16	63	U	63
Chloroform	67-66-3	2200		16	11000		78
1,1,1-Trichloroethane	71-55-6	16	U	16	87	U	87
Carbon Tetrachloride	56-23-5	16	U	16	100	U	100
Benzene	71-43-2	16	U	16	51	U	51
1,2-Dichloroethane	107-06-2	16	U	16	65	U	65
Trichloroethene	79-01-6	16	U	16	86	U	86
1,2-Dichloropropane	78-87-5	16	U	16	74	U	74
Bromodichloromethane	75-27-4	16	U	16	110	U	110
cis-1,3-Dichloropropene	10061-01-5	16	U	16	73	U	73
Methyl Isobutyl Ketone	108-10-1	40	U	40	160	U	160
Toluene	108-88-3	16	U	16	60	U	60
trans-1,3-Dichloropropene	10061-02-6	16	U	16	73	U	73
1,1,2-Trichloroethane	79-00-5	16	U	16	87	U	87
Tetrachloroethene	127-18-4	22		16	150		110
Methyl Butyl Ketone	591-78-6	40	U	40	160	U	160
Dibromochloromethane	124-48-1	16	U	16	140	U	140
Chlorobenzene	108-90-7	16	U	16	74	U	74
Ethylbenzene	100-41-4	16	U	16	69	U	69
Xylene (m,p)	1330-20-7	40	U	40	170	U	170
Xylene (o)	95-47-6	16	U	16	69	U	69
Styrene	100-42-5	16	U	16	68	U	68

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219FD

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 80.40

Sample Matrix: AIR

Lab Sample No.: 736414

Date Analyzed: 12/29/2007

Date Received: 12/20/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	16	U	16	170	U	170
1,1,2,2-Tetrachloroethane	79-34-5	16	U	16	110	U	110

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-10V2.5@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 11.80

Sample Matrix: AIR

Lab Sample No.: 736415

Date Analyzed: 12/27/2007

Date Received: 12/20/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	5.9	U	5.9	12	U	12
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	5.9	U	5.9	16	U	16
1,1-Dichloroethene	75-35-4	2.4	U	2.4	9.5	U	9.5
Acetone	67-64-1	59	U	59	140	U	140
Carbon Disulfide	75-15-0	42		5.9	130		18
Methylene Chloride	75-09-2	5.9	U	5.9	20	U	20
trans-1,2-Dichloroethene	156-60-5	2.4	U	2.4	9.5	U	9.5
1,1-Dichloroethane	75-34-3	2.4	U	2.4	9.7	U	9.7
Methyl Ethyl Ketone	78-93-3	5.9	U	5.9	17	U	17
cis-1,2-Dichloroethene	156-59-2	2.4	U	2.4	9.5	U	9.5
Chloroform	67-66-3	2.4	U	2.4	12	U	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	2.4	U	2.4	9.7	U	9.7
Trichloroethene	79-01-6	2.4	U	2.4	13	U	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	5.9	U	5.9	24	U	24
Toluene	108-88-3	370		2.4	1400		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	9.0		2.4	61		16
Methyl Butyl Ketone	591-78-6	5.9	U	5.9	24	U	24
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	6.3		5.9	27		26
Xylene (o)	95-47-6	2.7		2.4	12		10
Styrene	100-42-5	2.4	U	2.4	10	U	10

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-10V2.5@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 11.80

Sample Matrix: AIR

Lab Sample No.: 736415

Date Analyzed: 12/27/2007

Date Received: 12/20/2007

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

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-08V2.5@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 736416

Date Analyzed: 12/27/2007

Date Received: 12/20/2007

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	1.8		0.50	5.6		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	0.69		0.50	2.0		1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	2.3		0.20	11		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	1.3		0.20	4.2		0.64
1,2-Dichloroethane	107-06-2	0.54		0.20	2.2		0.81
Trichloroethene	79-01-6	0.31		0.20	1.7		1.1
1,2-Dichloropropane	78-87-5	0.59		0.20	2.7		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	9.5		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	4.2		0.20	28		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	3.0		0.20	13		0.87
Xylene (m,p)	1330-20-7	8.9		0.50	39		2.2
Xylene (o)	95-47-6	2.7		0.20	12		0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-08V2.5@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 736416

Date Analyzed: 12/27/2007

Date Received: 12/20/2007

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.

20071219VP-11V2@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 152.00

Sample Matrix: AIR

Lab Sample No.: 736417

Date Analyzed: 12/29/2007

Date Received: 12/20/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	76	U	76	160	U	160
Vinyl Chloride	75-01-4	1300		30	3300		77
Bromomethane	74-83-9	30	U	30	120	U	120
Chloroethane	75-00-3	76	U	76	200	U	200
1,1-Dichloroethene	75-35-4	30	U	30	120	U	120
Acetone	67-64-1	760	U	760	1800	U	1800
Carbon Disulfide	75-15-0	76	U	76	240	U	240
Methylene Chloride	75-09-2	76	U	76	260	U	260
trans-1,2-Dichloroethene	156-60-5	30	U	30	120	U	120
1,1-Dichloroethane	75-34-3	30	U	30	120	U	120
Methyl Ethyl Ketone	78-93-3	76	U	76	220	U	220
cis-1,2-Dichloroethene	156-59-2	30	U	30	120	U	120
Chloroform	67-66-3	30	U	30	150	U	150
1,1,1-Trichloroethane	71-55-6	30	U	30	160	U	160
Carbon Tetrachloride	56-23-5	30	U	30	190	U	190
Benzene	71-43-2	30	U	30	96	U	96
1,2-Dichloroethane	107-06-2	330		30	1300		120
Trichloroethene	79-01-6	30	U	30	160	U	160
1,2-Dichloropropane	78-87-5	570		30	2600		140
Bromodichloromethane	75-27-4	30	U	30	200	U	200
cis-1,3-Dichloropropene	10061-01-5	30	U	30	140	U	140
Methyl Isobutyl Ketone	108-10-1	76	U	76	310	U	310
Toluene	108-88-3	3900		30	15000		110
trans-1,3-Dichloropropene	10061-02-6	30	U	30	140	U	140
1,1,2-Trichloroethane	79-00-5	30	U	30	160	U	160
Tetrachloroethene	127-18-4	30	U	30	200	U	200
Methyl Butyl Ketone	591-78-6	76	U	76	310	U	310
Dibromochloromethane	124-48-1	30	U	30	260	U	260
Chlorobenzene	108-90-7	30	U	30	140	U	140
Ethylbenzene	100-41-4	30	U	30	130	U	130
Xylene (m,p)	1330-20-7	76	U	76	330	U	330
Xylene (o)	95-47-6	30	U	30	130	U	130
Styrene	100-42-5	30	U	30	130	U	130

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-11V2@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 152.00

Sample Matrix: AIR

Lab Sample No.: 736417

Date Analyzed: 12/29/2007

Date Received: 12/20/2007

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

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-07V1.5@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 2.35

Sample Matrix: AIR

Lab Sample No.: 736418

Date Analyzed: 12/29/2007

Date Received: 12/20/2007

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	U	1.2	2.5	U	2.5
Vinyl Chloride	75-01-4	0.47	U	0.47	1.2	U	1.2
Bromomethane	74-83-9	0.47	U	0.47	1.8	U	1.8
Chloroethane	75-00-3	1.2	U	1.2	3.2	U	3.2
1,1-Dichloroethene	75-35-4	0.47	U	0.47	1.9	U	1.9
Acetone	67-64-1	12	U	12	29	U	29
Carbon Disulfide	75-15-0	4.0		1.2	12		3.7
Methylene Chloride	75-09-2	1.2	U	1.2	4.2	U	4.2
trans-1,2-Dichloroethene	156-60-5	0.47	U	0.47	1.9	U	1.9
1,1-Dichloroethane	75-34-3	0.47	U	0.47	1.9	U	1.9
Methyl Ethyl Ketone	78-93-3	1.7		1.2	5.0		3.5
cis-1,2-Dichloroethene	156-59-2	0.47	U	0.47	1.9	U	1.9
Chloroform	67-66-3	14		0.47	68		2.3
1,1,1-Trichloroethane	71-55-6	0.47	U	0.47	2.6	U	2.6
Carbon Tetrachloride	56-23-5	1.1		0.47	6.9		3.0
Benzene	71-43-2	1.1		0.47	3.5		1.5
1,2-Dichloroethane	107-06-2	0.47	U	0.47	1.9	U	1.9
Trichloroethene	79-01-6	3.2		0.47	17		2.5
1,2-Dichloropropane	78-87-5	77		0.47	360		2.2
Bromodichloromethane	75-27-4	0.47	U	0.47	3.1	U	3.1
cis-1,3-Dichloropropene	10061-01-5	0.47	U	0.47	2.1	U	2.1
Methyl Isobutyl Ketone	108-10-1	1.2	U	1.2	4.9	U	4.9
Toluene	108-88-3	4.6		0.47	17		1.8
trans-1,3-Dichloropropene	10061-02-6	0.47	U	0.47	2.1	U	2.1
1,1,2-Trichloroethane	79-00-5	0.47	U	0.47	2.6	U	2.6
Tetrachloroethene	127-18-4	4.1		0.47	28		3.2
Methyl Butyl Ketone	591-78-6	1.2	U	1.2	4.9	U	4.9
Dibromochloromethane	124-48-1	0.47	U	0.47	4.0	U	4.0
Chlorobenzene	108-90-7	0.47	U	0.47	2.2	U	2.2
Ethylbenzene	100-41-4	1.0		0.47	4.3		2.0
Xylene (m,p)	1330-20-7	3.3		1.2	14		5.2
Xylene (o)	95-47-6	0.47	U	0.47	2.0	U	2.0
Styrene	100-42-5	0.47	U	0.47	2.0	U	2.0

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-07V1.5@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 2.35

Sample Matrix: AIR

Lab Sample No.: 736418

Date Analyzed: 12/29/2007

Date Received: 12/20/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	0.47	U	0.47	4.9	U	4.9
1,1,2,2-Tetrachloroethane	79-34-5	0.47	U	0.47	3.2	U	3.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-13V1.5@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 20.00

Sample Matrix: AIR

Lab Sample No.: 736419

Date Analyzed: 12/27/2007

Date Received: 12/20/2007

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	4.0	U	4.0	10	U	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	4.0	U	4.0	13	U	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	50		4.0	190		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	9.4		4.0	64		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	4.0	U	4.0	17	U	17
Xylene (m,p)	1330-20-7	26		10	110		43
Xylene (o)	95-47-6	13		4.0	56		17
Styrene	100-42-5	4.0	U	4.0	17	U	17

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071219VP-13V1.5@N

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 20.00

Sample Matrix: AIR

Lab Sample No.: 736419

Date Analyzed: 12/27/2007

Date Received: 12/20/2007

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

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA122707LCS

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA122707

Date Analyzed: 12/27/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	9.5		0.50	47		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	9.0		0.20	63		1.4
Chloromethane	74-87-3	9.7		0.50	20		1.0
Vinyl Chloride	75-01-4	9.5		0.20	24		0.51
1,3-Butadiene	106-99-0	10		0.50	22		1.1
Bromomethane	74-83-9	8.0		0.20	31		0.78
Chloroethane	75-00-3	8.4		0.50	22		1.3
Bromoethene	593-60-2	8.7		0.20	38		0.87
Trichlorofluoromethane	75-69-4	8.9		0.20	50		1.1
Freon TF	76-13-1	9.6		0.20	74		1.5
1,1-Dichloroethene	75-35-4	9.8		0.20	39		0.79
Acetone	67-64-1	12		5.0	29		12
Isopropyl Alcohol	67-63-0	12		5.0	29		12
Carbon Disulfide	75-15-0	9.3		0.50	29		1.6
3-Chloropropene	107-05-1	10		0.50	31		1.6
Methylene Chloride	75-09-2	9.7		0.50	34		1.7
tert-Butyl Alcohol	75-65-0	11		5.0	33		15
Methyl tert-Butyl Ether	1634-04-4	9.5		0.50	34		1.8
trans-1,2-Dichloroethene	156-60-5	9.4		0.20	37		0.79
n-Hexane	110-54-3	9.7		0.50	34		1.8
1,1-Dichloroethane	75-34-3	9.4		0.20	38		0.81
1,2-Dichloroethene (total)	540-59-0	19		0.20	75		0.79
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.4		0.20	37		0.79
Tetrahydrofuran	109-99-9	10		5.0	29		15
Chloroform	67-66-3	9.4		0.20	46		0.98
1,1,1-Trichloroethane	71-55-6	9.7		0.20	53		1.1
Cyclohexane	110-82-7	9.6		0.20	33		0.69
Carbon Tetrachloride	56-23-5	9.6		0.20	60		1.3
2,2,4-Trimethylpentane	540-84-1	10		0.20	47		0.93
Benzene	71-43-2	9.2		0.20	29		0.64
1,2-Dichloroethane	107-06-2	9.9		0.20	40		0.81
n-Heptane	142-82-5	10		0.20	41		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA122707LCS

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA122707

Date Analyzed: 12/27/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	9.5		0.20	51		1.1
1,2-Dichloropropane	78-87-5	9.0		0.20	42		0.92
1,4-Dioxane	123-91-1	10		5.0	36		18
Bromodichloromethane	75-27-4	9.8		0.20	66		1.3
cis-1,3-Dichloropropene	10061-01-5	9.8		0.20	44		0.91
Methyl Isobutyl Ketone	108-10-1	12		0.50	49		2.0
Toluene	108-88-3	8.4		0.20	32		0.75
trans-1,3-Dichloropropene	10061-02-6	9.9		0.20	45		0.91
1,1,2-Trichloroethane	79-00-5	8.2		0.20	45		1.1
Tetrachloroethene	127-18-4	8.4		0.20	57		1.4
Methyl Butyl Ketone	591-78-6	11		0.50	45		2.0
Dibromochloromethane	124-48-1	8.9		0.20	76		1.7
1,2-Dibromoethane	106-93-4	9.0		0.20	69		1.5
Chlorobenzene	108-90-7	8.1		0.20	37		0.92
Ethylbenzene	100-41-4	8.5		0.20	37		0.87
Xylene (m,p)	1330-20-7	15		0.50	65		2.2
Xylene (o)	95-47-6	7.7		0.20	33		0.87
Xylene (total)	1330-20-7	23		0.20	100		0.87
Styrene	100-42-5	9.0		0.20	38		0.85
Bromoform	75-25-2	9.1		0.20	94		2.1
1,1,2,2-Tetrachloroethane	79-34-5	8.6		0.20	59		1.4
4-Ethyltoluene	622-96-8	9.9		0.20	49		0.98
1,3,5-Trimethylbenzene	108-67-8	9.0		0.20	44		0.98
2-Chlorotoluene	95-49-8	9.1		0.20	47		1.0
1,2,4-Trimethylbenzene	95-63-6	9.3		0.20	46		0.98
1,3-Dichlorobenzene	541-73-1	8.9		0.20	54		1.2
1,4-Dichlorobenzene	106-46-7	8.7		0.20	52		1.2
1,2-Dichlorobenzene	95-50-1	8.6		0.20	52		1.2
1,2,4-Trichlorobenzene	120-82-1	9.8		0.50	73		3.7
Hexachlorobutadiene	87-68-3	10		0.20	110		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA122707LCSD

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA122707

Date Analyzed: 12/27/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	9.7		0.50	48		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	9.2		0.20	64		1.4
Chloromethane	74-87-3	9.9		0.50	20		1.0
Vinyl Chloride	75-01-4	9.7		0.20	25		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	8.4		0.20	33		0.78
Chloroethane	75-00-3	8.3		0.50	22		1.3
Bromoethene	593-60-2	8.5		0.20	37		0.87
Trichlorofluoromethane	75-69-4	9.0		0.20	51		1.1
Freon TF	76-13-1	9.5		0.20	73		1.5
1,1-Dichloroethene	75-35-4	9.6		0.20	38		0.79
Acetone	67-64-1	11		5.0	26		12
Isopropyl Alcohol	67-63-0	11		5.0	27		12
Carbon Disulfide	75-15-0	9.2		0.50	29		1.6
3-Chloropropene	107-05-1	10		0.50	31		1.6
Methylene Chloride	75-09-2	9.7		0.50	34		1.7
tert-Butyl Alcohol	75-65-0	11		5.0	33		15
Methyl tert-Butyl Ether	1634-04-4	9.0		0.50	32		1.8
trans-1,2-Dichloroethene	156-60-5	9.4		0.20	37		0.79
n-Hexane	110-54-3	9.5		0.50	33		1.8
1,1-Dichloroethane	75-34-3	9.5		0.20	38		0.81
1,2-Dichloroethene (total)	540-59-0	19		0.20	75		0.79
Methyl Ethyl Ketone	78-93-3	9.5		0.50	28		1.5
cis-1,2-Dichloroethene	156-59-2	9.2		0.20	36		0.79
Tetrahydrofuran	109-99-9	8.6		5.0	25		15
Chloroform	67-66-3	9.5		0.20	46		0.98
1,1,1-Trichloroethane	71-55-6	8.8		0.20	48		1.1
Cyclohexane	110-82-7	8.5		0.20	29		0.69
Carbon Tetrachloride	56-23-5	8.8		0.20	55		1.3
2,2,4-Trimethylpentane	540-84-1	9.1		0.20	43		0.93
Benzene	71-43-2	8.4		0.20	27		0.64
1,2-Dichloroethane	107-06-2	9.2		0.20	37		0.81
n-Heptane	142-82-5	9.2		0.20	38		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA122707LCSD

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA122707

Date Analyzed: 12/27/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	8.5		0.20	46		1.1
1,2-Dichloropropane	78-87-5	8.3		0.20	38		0.92
1,4-Dioxane	123-91-1	8.6		5.0	31		18
Bromodichloromethane	75-27-4	9.2		0.20	62		1.3
cis-1,3-Dichloropropene	10061-01-5	8.9		0.20	40		0.91
Methyl Isobutyl Ketone	108-10-1	9.7		0.50	40		2.0
Toluene	108-88-3	8.1		0.20	31		0.75
trans-1,3-Dichloropropene	10061-02-6	9.0		0.20	41		0.91
1,1,2-Trichloroethane	79-00-5	7.7		0.20	42		1.1
Tetrachloroethene	127-18-4	8.3		0.20	56		1.4
Methyl Butyl Ketone	591-78-6	10		0.50	41		2.0
Dibromochloromethane	124-48-1	8.6		0.20	73		1.7
1,2-Dibromoethane	106-93-4	8.5		0.20	65		1.5
Chlorobenzene	108-90-7	7.7		0.20	35		0.92
Ethylbenzene	100-41-4	8.0		0.20	35		0.87
Xylene (m,p)	1330-20-7	14		0.50	61		2.2
Xylene (o)	95-47-6	7.1		0.20	31		0.87
Xylene (total)	1330-20-7	22		0.20	96		0.87
Styrene	100-42-5	8.3		0.20	35		0.85
Bromoform	75-25-2	8.6		0.20	89		2.1
1,1,2,2-Tetrachloroethane	79-34-5	7.9		0.20	54		1.4
4-Ethyltoluene	622-96-8	9.2		0.20	45		0.98
1,3,5-Trimethylbenzene	108-67-8	7.8		0.20	38		0.98
2-Chlorotoluene	95-49-8	8.6		0.20	45		1.0
1,2,4-Trimethylbenzene	95-63-6	8.4		0.20	41		0.98
1,3-Dichlorobenzene	541-73-1	8.1		0.20	49		1.2
1,4-Dichlorobenzene	106-46-7	8.0		0.20	48		1.2
1,2-Dichlorobenzene	95-50-1	8.0		0.20	48		1.2
1,2,4-Trichlorobenzene	120-82-1	8.2		0.50	61		3.7
Hexachlorobutadiene	87-68-3	8.8		0.20	94		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA122807LCS

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA122807

Date Analyzed: 12/28/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.6		0.50	28		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	5.2		0.20	36		1.4
Chloromethane	74-87-3	5.4		0.50	11		1.0
Vinyl Chloride	75-01-4	5.3		0.20	14		0.51
1,3-Butadiene	106-99-0	5.7		0.50	13		1.1
Bromomethane	74-83-9	4.4		0.20	17		0.78
Chloroethane	75-00-3	4.4		0.50	12		1.3
Bromoethene	593-60-2	4.6		0.20	20		0.87
Trichlorofluoromethane	75-69-4	5.1		0.20	29		1.1
Freon TF	76-13-1	5.2		0.20	40		1.5
1,1-Dichloroethene	75-35-4	5.3		0.20	21		0.79
Acetone	67-64-1	6.0		5.0	14		12
Isopropyl Alcohol	67-63-0	6.4		5.0	16		12
Carbon Disulfide	75-15-0	4.9		0.50	15		1.6
3-Chloropropene	107-05-1	5.2		0.50	16		1.6
Methylene Chloride	75-09-2	5.3		0.50	18		1.7
tert-Butyl Alcohol	75-65-0	6.8		5.0	21		15
Methyl tert-Butyl Ether	1634-04-4	5.0		0.50	18		1.8
trans-1,2-Dichloroethene	156-60-5	5.1		0.20	20		0.79
n-Hexane	110-54-3	5.1		0.50	18		1.8
1,1-Dichloroethane	75-34-3	5.1		0.20	21		0.81
1,2-Dichloroethene (total)	540-59-0	10		0.20	40		0.79
Methyl Ethyl Ketone	78-93-3	5.4		0.50	16		1.5
cis-1,2-Dichloroethene	156-59-2	4.9		0.20	19		0.79
Tetrahydrofuran	109-99-9	5.7		5.0	17		15
Chloroform	67-66-3	5.1		0.20	25		0.98
1,1,1-Trichloroethane	71-55-6	6.0		0.20	33		1.1
Cyclohexane	110-82-7	5.6		0.20	19		0.69
Carbon Tetrachloride	56-23-5	6.0		0.20	38		1.3
2,2,4-Trimethylpentane	540-84-1	5.5		0.20	26		0.93
Benzene	71-43-2	5.0		0.20	16		0.64
1,2-Dichloroethane	107-06-2	5.8		0.20	23		0.81
n-Heptane	142-82-5	5.6		0.20	23		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA122807LCS

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA122807

Date Analyzed: 12/28/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	5.5		0.20	30		1.1
1,2-Dichloropropane	78-87-5	5.1		0.20	24		0.92
1,4-Dioxane	123-91-1	6.1		5.0	22		18
Bromodichloromethane	75-27-4	5.7		0.20	38		1.3
cis-1,3-Dichloropropene	10061-01-5	5.5		0.20	25		0.91
Methyl Isobutyl Ketone	108-10-1	6.5		0.50	27		2.0
Toluene	108-88-3	4.9		0.20	18		0.75
trans-1,3-Dichloropropene	10061-02-6	5.8		0.20	26		0.91
1,1,2-Trichloroethane	79-00-5	4.8		0.20	26		1.1
Tetrachloroethene	127-18-4	5.1		0.20	35		1.4
Methyl Butyl Ketone	591-78-6	6.4		0.50	26		2.0
Dibromochloromethane	124-48-1	5.4		0.20	46		1.7
1,2-Dibromoethane	106-93-4	5.4		0.20	41		1.5
Chlorobenzene	108-90-7	4.9		0.20	23		0.92
Ethylbenzene	100-41-4	5.1		0.20	22		0.87
Xylene (m,p)	1330-20-7	8.8		0.50	38		2.2
Xylene (o)	95-47-6	4.5		0.20	20		0.87
Xylene (total)	1330-20-7	13		0.20	56		0.87
Styrene	100-42-5	5.2		0.20	22		0.85
Bromoform	75-25-2	5.6		0.20	58		2.1
1,1,2,2-Tetrachloroethane	79-34-5	5.1		0.20	35		1.4
4-Ethyltoluene	622-96-8	5.7		0.20	28		0.98
1,3,5-Trimethylbenzene	108-67-8	5.6		0.20	28		0.98
2-Chlorotoluene	95-49-8	5.6		0.20	29		1.0
1,2,4-Trimethylbenzene	95-63-6	5.5		0.20	27		0.98
1,3-Dichlorobenzene	541-73-1	5.5		0.20	33		1.2
1,4-Dichlorobenzene	106-46-7	5.4		0.20	32		1.2
1,2-Dichlorobenzene	95-50-1	5.4		0.20	32		1.2
1,2,4-Trichlorobenzene	120-82-1	6.5		0.50	48		3.7
Hexachlorobutadiene	87-68-3	6.9		0.20	74		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA122807LCSD

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA122807

Date Analyzed: 12/28/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.6		0.50	28		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	5.2		0.20	36		1.4
Chloromethane	74-87-3	5.4		0.50	11		1.0
Vinyl Chloride	75-01-4	5.2		0.20	13		0.51
1,3-Butadiene	106-99-0	5.7		0.50	13		1.1
Bromomethane	74-83-9	4.4		0.20	17		0.78
Chloroethane	75-00-3	4.4		0.50	12		1.3
Bromoethene	593-60-2	4.5		0.20	20		0.87
Trichlorofluoromethane	75-69-4	5.1		0.20	29		1.1
Freon TF	76-13-1	5.2		0.20	40		1.5
1,1-Dichloroethene	75-35-4	5.2		0.20	21		0.79
Acetone	67-64-1	5.6		5.0	13		12
Isopropyl Alcohol	67-63-0	5.2		5.0	13		12
Carbon Disulfide	75-15-0	4.8		0.50	15		1.6
3-Chloropropene	107-05-1	5.1		0.50	16		1.6
Methylene Chloride	75-09-2	5.2		0.50	18		1.7
tert-Butyl Alcohol	75-65-0	5.3		5.0	16		15
Methyl tert-Butyl Ether	1634-04-4	4.7		0.50	17		1.8
trans-1,2-Dichloroethene	156-60-5	5.1		0.20	20		0.79
n-Hexane	110-54-3	5.1		0.50	18		1.8
1,1-Dichloroethane	75-34-3	5.1		0.20	21		0.81
1,2-Dichloroethene (total)	540-59-0	10		0.20	40		0.79
Methyl Ethyl Ketone	78-93-3	4.5		0.50	13		1.5
cis-1,2-Dichloroethene	156-59-2	4.9		0.20	19		0.79
Tetrahydrofuran	109-99-9	4.7	J	5.0	14	J	15
Chloroform	67-66-3	5.2		0.20	25		0.98
1,1,1-Trichloroethane	71-55-6	5.5		0.20	30		1.1
Cyclohexane	110-82-7	4.9		0.20	17		0.69
Carbon Tetrachloride	56-23-5	5.5		0.20	35		1.3
2,2,4-Trimethylpentane	540-84-1	5.2		0.20	24		0.93
Benzene	71-43-2	4.8		0.20	15		0.64
1,2-Dichloroethane	107-06-2	5.7		0.20	23		0.81
n-Heptane	142-82-5	5.3		0.20	22		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA122807LCSD

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA122807

Date Analyzed: 12/28/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	5.1		0.20	27		1.1
1,2-Dichloropropane	78-87-5	4.9		0.20	23		0.92
1,4-Dioxane	123-91-1	4.6	J	5.0	17	J	18
Bromodichloromethane	75-27-4	5.6		0.20	38		1.3
cis-1,3-Dichloropropene	10061-01-5	5.2		0.20	24		0.91
Methyl Isobutyl Ketone	108-10-1	5.2		0.50	21		2.0
Toluene	108-88-3	4.7		0.20	18		0.75
trans-1,3-Dichloropropene	10061-02-6	5.3		0.20	24		0.91
1,1,2-Trichloroethane	79-00-5	4.7		0.20	26		1.1
Tetrachloroethene	127-18-4	5.1		0.20	35		1.4
Methyl Butyl Ketone	591-78-6	5.4		0.50	22		2.0
Dibromochloromethane	124-48-1	5.3		0.20	45		1.7
1,2-Dibromoethane	106-93-4	5.2		0.20	40		1.5
Chlorobenzene	108-90-7	4.7		0.20	22		0.92
Ethylbenzene	100-41-4	4.8		0.20	21		0.87
Xylene (m,p)	1330-20-7	8.5		0.50	37		2.2
Xylene (o)	95-47-6	4.2		0.20	18		0.87
Xylene (total)	1330-20-7	13		0.20	56		0.87
Styrene	100-42-5	4.8		0.20	20		0.85
Bromoform	75-25-2	5.2		0.20	54		2.1
1,1,2,2-Tetrachloroethane	79-34-5	4.7		0.20	32		1.4
4-Ethyltoluene	622-96-8	5.3		0.20	26		0.98
1,3,5-Trimethylbenzene	108-67-8	4.8		0.20	24		0.98
2-Chlorotoluene	95-49-8	5.2		0.20	27		1.0
1,2,4-Trimethylbenzene	95-63-6	5.0		0.20	25		0.98
1,3-Dichlorobenzene	541-73-1	4.9		0.20	29		1.2
1,4-Dichlorobenzene	106-46-7	4.8		0.20	29		1.2
1,2-Dichlorobenzene	95-50-1	4.8		0.20	29		1.2
1,2,4-Trichlorobenzene	120-82-1	4.6		0.50	34		3.7
Hexachlorobutadiene	87-68-3	5.3		0.20	57		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK122707CA

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK1227

Date Analyzed: 12/27/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
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
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
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
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
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
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon Disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	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
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
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
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
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
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
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
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK122707CA

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK1227

Date Analyzed: 12/27/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
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
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
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
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
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
Xylene (total)	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
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
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK122807CA

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK1228

Date Analyzed: 12/28/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
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
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
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
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
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
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon Disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	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
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
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
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
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
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
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
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK122807CA

Lab Name: TAL Burlington

SDG Number: 123558

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK1228

Date Analyzed: 12/28/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
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
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
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
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
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
Xylene (total)	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
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
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

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: Greater than 40% difference for detected concentrations between two GC columns. 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 condensation 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

FQA009:04.24.06:3
TestAmerica Burlington

Chain of Custody

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: Emily Strate	Samples Collected By: JT Bridge, R. Crispino	NA of NA COCs
Company: URS Corporation	Phone:		
Address: 335 Commerce Dr	Email: emily_strate@urscorp.com		
City/State/Zip: Ft. Washington, PA			
Phone: 215.367.2500	Site Contact: Carl Cofer		
FAX: 215.367.1000	STL Contact: Tom Tanico		
Project Name: Rohm & Haas Phila	**Analysis Turnaround Time**		
Site: Rohm & Haas Phila	Standard (Specify)_____		
PO # 4501173151 / Quote = 46000985-1	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)
20071219VP-14V4.5@N	12-19	0830		30	3		4437						X				X		
20071219FD	↓	/	/	30	9								↓				↓		
20071219VP-10V2.5@N		0851	1047	28	2		2550												
20071219VP-08V2.5@N		1106	1240	29	2		2890												
20071219VP-11V2@N		1121	1305	30	2		2871												
20071219VP-07V1.5@N		1258	1458	30	12		2664												

Temperature (Fahrenheit)

	Interior	Ambient
Start		36
Stop		42

Pressure (inches of Hg)

	Interior	Ambient
Start		30.05
Stop		29.93

Special Instructions/QC Requirements & Comments: Analysis TCL VOCs/Helium

This is an attachment to the original COC shipped with samples on 12-19-2007.

~~Sample 20071219VP-13V1.5@N is not on this attachment, this sample collected on 12-19 is not to be analyzed.~~

Samples Shipped by:	Date/Time:	Samples Received by:
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by: [signature] 12.20.07 1100

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: Emily Stroke (URS)	Samples Collected By:	___ of ___ COCs
Company: URS Corporation	Phone:		
Address: 335 Commerce Dr	Email: emily_stroke@URSCORP.com		
City/State/Zip Ft. Washington, PA			
Phone: 215.367.2500	Site Contact: Carl Cole		
FAX: 215.367.1000	STL Contact: Tom Tonia / Don Domack		
Project Name: Rohm & Haas Phila	**Analysis Turnaround Time**		
Site: Rohm & Haas Phila	Standard (Specify)_____		
PO # 4501173151 / Quote# 4600098 5-1	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)
20071219VP-13V1.5@N	12-19	1328	1528	30	20		2848						X				X		

Temperature (Fahrenheit)			
	Interior	Ambient	
Start		36	
Stop		42	

Pressure (inches of Hg)			
	Interior	Ambient	
Start		30.05	
Stop		29.93	

Special Instructions/QC Requirements & Comments: Analysis TCL VOCs / Helium
This is an attachment to the original COC shipped with samples on 12-19-2007

Samples Shipped by:	Date/Time:	Samples Received by:
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by: 12.20.07 1100

Lab Use Only Shipper Name: Opened by: Condition:

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

4124 (0907)

Client: UPS Corporation	Project Manager: Emily Stroke / Send Invoice to Site Contact	Date: 12-19-2007	Chain of Custody Number: 411581
Address: 335 Commerce Dr	Telephone Number (Area Code)/Fax Number: 215.367.2500 / 367.1000	Lab Number	Page 1 of 1
City: Ft. Washington; State: PA; Zip Code: 19034	Site Contact: Carl Coker; Lab Contact: Tom Tanzo		
Project Name and Location (State): R&H Philadelphia	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: PO: 4501173151 / Quote: 4600985-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): TCL VOCs	Helium	Special Instructions/ Conditions of Receipt
20071219VP-14V4.5@N	12-19	0830					1						X	X	
20071219FD	12-19														
20071219VP-10V2.5@N	12-19	0951													20071219VP-10V2.5@N
20071219VP-08V2.5@N	12-19	1106													
20071219VP-11V2.5@N	12-19	1121													
20071219VP-07V1.5@N	12-19	1258													
20071219VP-13V1.5@N	12-19	1328													

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	12-19-07	1550	1. Received By: [signature]	12/19/07	16:00
2. Relinquished By: [signature]	12/19/07	1800	2. Received By: Fed Ex		
3. Relinquished By			3. Received By: [signature]	12-2007	1100

Comments: Please provide CLP-like hard copy deliverable (+ Region V EDD)

Note: Sample 20071219VP-07V1.5@N [illegible]

Note: Sample 20071219VP-13V1.5@N [illegible]

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix Spike - Sample No.: CA122707LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chloromethane	10		9.7	97	70-130
Vinyl Chloride	10		9.5	95	70-130
Bromomethane	10		8.0	80	70-130
Chloroethane	10		8.4	84	70-130
1,1-Dichloroethene	10		9.8	98	70-130
Acetone	10		12	120	70-130
Carbon Disulfide	10		9.3	93	70-130
Methylene Chloride	10		9.7	97	70-130
trans-1,2-Dichloroethen	10		9.4	94	70-130
1,1-Dichloroethane	10		9.4	94	70-130
Methyl Ethyl Ketone	10		10	100	70-130
cis-1,2-Dichloroethene	10		9.4	94	70-130
Chloroform	10		9.4	94	70-130
1,1,1-Trichloroethane	10		9.7	97	70-130
Carbon Tetrachloride	10		9.6	96	70-130
Benzene	10		9.2	92	70-130
1,2-Dichloroethane	10		9.9	99	70-130
Trichloroethene	10		9.5	95	70-130
1,2-Dichloropropane	10		9.0	90	70-130
Bromodichloromethane	10		9.8	98	70-130
cis-1,3-Dichloropropene	10		9.8	98	70-130
Methyl Isobutyl Ketone	10		12	120	70-130
Toluene	10		8.4	84	70-130
trans-1,3-Dichloroprope	10		9.9	99	70-130
1,1,2-Trichloroethane	10		8.2	82	70-130
Tetrachloroethene	10		8.4	84	70-130
Methyl Butyl Ketone	10		11	110	70-130
Dibromochloromethane	10		8.9	89	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: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix Spike - Sample No.: CA122707LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		8.1	81	70-130
Ethylbenzene	10		8.5	85	70-130
Xylene (m,p)	20		15	75	70-130
Xylene (o)	10		7.7	77	70-130
Styrene	10		9.0	90	70-130
Bromoform	10		9.1	91	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

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix Spike - Sample No.: CA122707LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloromethane	10	9.9	99	2	25	70-130
Vinyl Chloride	10	9.7	97	2	25	70-130
Bromomethane	10	8.4	84	5	25	70-130
Chloroethane	10	8.3	83	1	25	70-130
1,1-Dichloroethene	10	9.6	96	2	25	70-130
Acetone	10	11	110	9	25	70-130
Carbon Disulfide	10	9.2	92	1	25	70-130
Methylene Chloride	10	9.7	97	0	25	70-130
trans-1,2-Dichloroethen	10	9.4	94	0	25	70-130
1,1-Dichloroethane	10	9.5	95	1	25	70-130
Methyl Ethyl Ketone	10	9.5	95	5	25	70-130
cis-1,2-Dichloroethene	10	9.2	92	2	25	70-130
Chloroform	10	9.5	95	1	25	70-130
1,1,1-Trichloroethane	10	8.8	88	10	25	70-130
Carbon Tetrachloride	10	8.8	88	9	25	70-130
Benzene	10	8.4	84	9	25	70-130
1,2-Dichloroethane	10	9.2	92	7	25	70-130
Trichloroethene	10	8.5	85	11	25	70-130
1,2-Dichloropropane	10	8.3	83	8	25	70-130
Bromodichloromethane	10	9.2	92	6	25	70-130
cis-1,3-Dichloropropene	10	8.9	89	10	25	70-130
Methyl Isobutyl Ketone	10	9.7	97	21	25	70-130
Toluene	10	8.1	81	4	25	70-130
trans-1,3-Dichloroprope	10	9.0	90	10	25	70-130
1,1,2-Trichloroethane	10	7.7	77	6	25	70-130
Tetrachloroethene	10	8.3	83	1	25	70-130
Methyl Butyl Ketone	10	10	100	10	25	70-130
Dibromochloromethane	10	8.6	86	3	25	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix Spike - Sample No.: CA122707LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10	7.7	77	5	25	70-130
Ethylbenzene	10	8.0	80	6	25	70-130
Xylene (m,p)	20	14	70	7	25	70-130
Xylene (o)	10	7.1	71	8	25	70-130
Styrene	10	8.3	83	8	25	70-130
Bromoform	10	8.6	86	6	25	70-130
1,1,2,2-Tetrachloroetha	10	7.9	79	8	25	70-130

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

* Values outside of QC limits

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

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix Spike - Sample No.: CA122807LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.0		5.4	108	70-130
Vinyl Chloride	5.0		5.3	106	70-130
Bromomethane	5.0		4.4	88	70-130
Chloroethane	5.0		4.4	88	70-130
1,1-Dichloroethene	5.0		5.3	106	70-130
Acetone	5.0		6.0	120	70-130
Carbon Disulfide	5.0		4.9	98	70-130
Methylene Chloride	5.0		5.3	106	70-130
trans-1,2-Dichloroethen	5.0		5.1	102	70-130
1,1-Dichloroethane	5.0		5.1	102	70-130
Methyl Ethyl Ketone	5.0		5.4	108	70-130
cis-1,2-Dichloroethene	5.0		4.9	98	70-130
Chloroform	5.0		5.1	102	70-130
1,1,1-Trichloroethane	5.0		6.0	120	70-130
Carbon Tetrachloride	5.0		6.0	120	70-130
Benzene	5.0		5.0	100	70-130
1,2-Dichloroethane	5.0		5.8	116	70-130
Trichloroethene	5.0		5.5	110	70-130
1,2-Dichloropropane	5.0		5.1	102	70-130
Bromodichloromethane	5.0		5.7	114	70-130
cis-1,3-Dichloropropene	5.0		5.5	110	70-130
Methyl Isobutyl Ketone	5.0		6.5	130	70-130
Toluene	5.0		4.9	98	70-130
trans-1,3-Dichloroprope	5.0		5.8	116	70-130
1,1,2-Trichloroethane	5.0		4.8	96	70-130
Tetrachloroethene	5.0		5.1	102	70-130
Methyl Butyl Ketone	5.0		6.4	128	70-130
Dibromochloromethane	5.0		5.4	108	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: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix Spike - Sample No.: CA122807LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	5.0		4.9	98	70-130
Ethylbenzene	5.0		5.1	102	70-130
Xylene (m,p)	10		8.8	88	70-130
Xylene (o)	5.0		4.5	90	70-130
Styrene	5.0		5.2	104	70-130
Bromoform	5.0		5.6	112	70-130
1,1,2,2-Tetrachloroetha	5.0		5.1	102	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: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix Spike - Sample No.: CA122807LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloromethane	5.0	5.4	108	0	25	70-130
Vinyl Chloride	5.0	5.2	104	2	25	70-130
Bromomethane	5.0	4.4	88	0	25	70-130
Chloroethane	5.0	4.4	88	0	25	70-130
1,1-Dichloroethene	5.0	5.2	104	2	25	70-130
Acetone	5.0	5.6	112	7	25	70-130
Carbon Disulfide	5.0	4.8	96	2	25	70-130
Methylene Chloride	5.0	5.2	104	2	25	70-130
trans-1,2-Dichloroethen	5.0	5.1	102	0	25	70-130
1,1-Dichloroethane	5.0	5.1	102	0	25	70-130
Methyl Ethyl Ketone	5.0	4.5	90	18	25	70-130
cis-1,2-Dichloroethene	5.0	4.9	98	0	25	70-130
Chloroform	5.0	5.2	104	2	25	70-130
1,1,1-Trichloroethane	5.0	5.5	110	9	25	70-130
Carbon Tetrachloride	5.0	5.5	110	9	25	70-130
Benzene	5.0	4.8	96	4	25	70-130
1,2-Dichloroethane	5.0	5.7	114	2	25	70-130
Trichloroethene	5.0	5.1	102	8	25	70-130
1,2-Dichloropropane	5.0	4.9	98	4	25	70-130
Bromodichloromethane	5.0	5.6	112	2	25	70-130
cis-1,3-Dichloropropene	5.0	5.2	104	6	25	70-130
Methyl Isobutyl Ketone	5.0	5.2	104	22	25	70-130
Toluene	5.0	4.7	94	4	25	70-130
trans-1,3-Dichloroprope	5.0	5.3	106	9	25	70-130
1,1,2-Trichloroethane	5.0	4.7	94	2	25	70-130
Tetrachloroethene	5.0	5.1	102	0	25	70-130
Methyl Butyl Ketone	5.0	5.4	108	17	25	70-130
Dibromochloromethane	5.0	5.3	106	2	25	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix Spike - Sample No.: CA122807LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	5.0	4.7	94	4	25	70-130
Ethylbenzene	5.0	4.8	96	6	25	70-130
Xylene (m,p)	10	8.5	85	3	25	70-130
Xylene (o)	5.0	4.2	84	7	25	70-130
Styrene	5.0	4.8	96	8	25	70-130
Bromoform	5.0	5.2	104	7	25	70-130
1,1,2,2-Tetrachloroetha	5.0	4.7	94	8	25	70-130

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

* Values outside of QC limits

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

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK122707CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Lab File ID: CGCB04A Lab Sample ID: MBLK122707CA

Date Analyzed: 12/27/07 Time Analyzed: 1943

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

Instrument ID: C

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CA122707LCS	CA122707LCS	CGC10AQ	1529
02	CA122707LCSD	CA122707LCSD	CGC10AQD	1853
03	20071219VP-1	736419	736419D	2034
04	20071219VP-1	736415	736415D	2307
05	20071219VP-0	736416	736416	2357
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
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COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK122807CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Lab File ID: CGCB05B Lab Sample ID: MBLK122807CA

Date Analyzed: 12/28/07 Time Analyzed: 2111

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

Instrument ID: C

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CA122807LCS	CA122807LCS	CGC10BQD	1748
02	CA122807LCSD	CA122807LCSD	CGC10BQ2	1929
03	20071219VP-1	736413	736413D2	0216
04	20071219VP-1	736417	736417D2	0358
05	20071219VP-0	736418	736418D	0449
06	20071219FD	736414	736414D3	1045
07				
08				
09				
10				
11				
12				
13				
14				
15				
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Lab File ID: CGC01PV BFB Injection Date: 12/26/07

Instrument ID: C BFB Injection Time: 1348

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.2
75	30.0 - 66.0% of mass 95	48.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	87.5
175	4.0 - 9.0% of mass 174	6.2 (7.1)1
176	93.0 - 101.0% of mass 174	84.9 (97.0)1
177	5.0 - 9.0% of mass 176	5.6 (6.6)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	ASTD002	ASTD002	CGC002V	12/26/07	1458
02	ASTD005	ASTD005	CGC005V	12/26/07	1548
03	ASTD05	ASTD05	CGC05V	12/26/07	1639
04	ASTD10	ASTD10	CGC10V	12/26/07	1730
05	ASTD15	ASTD15	CGC15V	12/26/07	1821
06	ASTD20	ASTD20	CGC20V	12/26/07	1912
07	ASTD40	ASTD40	CGC40V	12/26/07	2002
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Lab File ID: CGC02PV BFB Injection Date: 12/27/07

Instrument ID: C BFB Injection Time: 1243

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	17.1
75	30.0 - 66.0% of mass 95	49.5
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	0.4 (0.4)1
174	50.0 - 120.0% of mass 95	85.8
175	4.0 - 9.0% of mass 174	5.9 (6.9)1
176	93.0 - 101.0% of mass 174	82.3 (96.0)1
177	5.0 - 9.0% of mass 176	5.6 (6.8)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	ASTD10	ASTD10	CGC10AV	12/27/07	1348
02	CA122707LCS	CA122707LCS	CGC10AQ	12/27/07	1529
03	CA122707LCSD	CA122707LCSD	CGC10AQD	12/27/07	1853
04	MBLK122707CA	MBLK122707CA	CGCB04A	12/27/07	1943
05	20071219VP-1	736419	736419D	12/27/07	2034
06	20071219VP-1	736415	736415D	12/27/07	2307
07	20071219VP-0	736416	736416	12/27/07	2357
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Lab File ID: CGC03PV BFB Injection Date: 12/28/07

Instrument ID: C BFB Injection Time: 1339

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	16.9
75	30.0 - 66.0% of mass 95	49.2
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	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	89.8
175	4.0 - 9.0% of mass 174	6.2 (6.9)1
176	93.0 - 101.0% of mass 174	87.0 (96.8)1
177	5.0 - 9.0% of mass 176	5.7 (6.6)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	ASTD10	ASTD10	CGC10BV	12/28/07	1424
02	CA122807LCS	CA122807LCS	CGC10BQD	12/28/07	1748
03	CA122807LCSD	CA122807LCSD	CGC10BQ2	12/28/07	1929
04	MBLK122807CA	MBLK122807CA	CGCB05B	12/28/07	2111
05	20071219VP-1	736413	736413D2	12/29/07	0216
06	20071219VP-1	736417	736417D2	12/29/07	0358
07	20071219VP-0	736418	736418D	12/29/07	0449
08	20071219FD	736414	736414D3	12/29/07	1045
09					
10					
11					
12					
13					
14					
15					
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17					
18					
19					
20					
21					
22					

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Lab File ID (Standard): CGC10AV Date Analyzed: 12/27/07

Instrument ID: C Time Analyzed: 1348

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	341437	8.98	1398917	9.84	1391777	12.25
	UPPER LIMIT	478012	9.31	1958484	10.17	1948488	12.58
	LOWER LIMIT	204862	8.65	839350	9.51	835066	11.92
	CLIENT SAMPLE NO.						
01	CA122707LCS	281807	8.99	1164513	9.84	1217669	12.25
02	CA122707LCSD	267629	8.98	1235168	9.84	1230990	12.25
03	MBLK122707CA	313793	8.99	1592159	9.84	1248710	12.25
04	20071219VP-1	283078	8.99	1431699	9.84	1405342	12.25
05	20071219VP-1	232621	8.99	1056405	9.84	1053799	12.25
06	20071219VP-0	283920	8.99	1259624	9.84	1213989	12.25
07							
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19							
20							
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22							

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

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

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

page 1 of 1

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Lab File ID (Standard): CGC10BV Date Analyzed: 12/28/07

Instrument ID: C Time Analyzed: 1424

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	331931	8.99	1226479	9.84	1360719	12.25
	UPPER LIMIT	464703	9.32	1717071	10.17	1905007	12.58
	LOWER LIMIT	199159	8.66	735887	9.51	816431	11.92
	CLIENT SAMPLE NO.						
01	CA122807LCS	258562	8.98	989398	9.83	999916	12.25
02	CA122807LCSD	250450	8.98	1046639	9.84	1019118	12.25
03	MBLK122807CA	212453	8.98	1068361	9.83	889438	12.25
04	20071219VP-1	244804	8.99	1149981	9.84	918640	12.25
05	20071219VP-1	205460	8.99	988531	9.84	888973	12.25
06	20071219VP-0	212416	8.99	882214	9.84	1029964	12.25
07	20071219FD	316173	8.98	1505571	9.84	1168183	12.25
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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.

FORM VIII VOA

Supportive Documentation – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219V
P-13V1.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736419

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 736419D

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/27/07

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	4.0	U
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	4.0	U
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	50	
10061-02-6	trans-1,3-Dichloropropene	4.0	U
79-00-5	1,1,2-Trichloroethane	4.0	U
127-18-4	Tetrachloroethene	9.4	
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	4.0	U
1330-20-7	Xylene (m,p)	26	
95-47-6	Xylene (o)	13	
100-42-5	Styrene	4.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219V
P-13V1.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736419

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 736419D

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/27/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 20.0

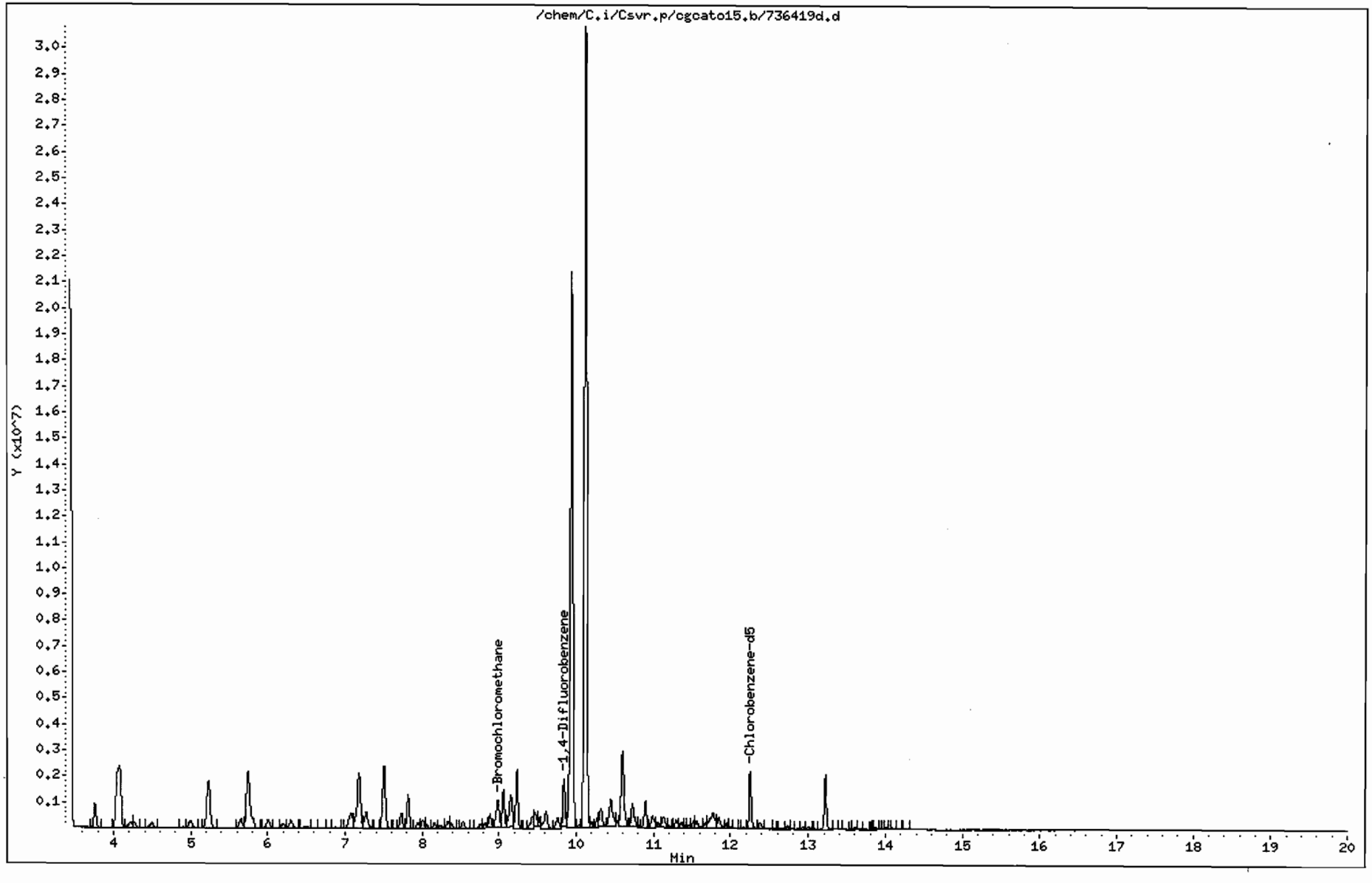
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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/C.i/Csvr.p/cgcato15.b/736419d.d
Date : 27-DEC-2007 20:34
Client ID: 20071219VP-13V1.5 N
Sample Info: 20071219VP-13V1.5@N :[ ]12/19/07 @1528(AIR)
Purge Volume: 10.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcato15.b/736419d.d
Lab Smp Id: 736419 Client Smp ID: 20071219VP-13V1.5 N
Inj Date : 27-DEC-2007 20:34
Operator : pad Inst ID: C.i
Smp Info : 20071219VP-13V1.5@N :[ ]12/19/07 @1528(AIR)
Misc Info : 736419;122707CA;20;10
Comment :
Method : /chem/C.i/Csvr.p/cgcato15.b/rto15.m
Meth Date : 02-Jan-2008 14:38 klp Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.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)
3 Chloromethane	50	Compound Not Detected.					
4 Vinyl Chloride	62	Compound Not Detected.					
6 Bromomethane	94	Compound Not Detected.					
7 Chloroethane	64	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
12 Acetone	43	Compound Not Detected.					
14 Carbon Disulfide	76	Compound Not Detected.					
16 Methylene Chloride	49	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	8.985	8.985	(1.000)	283078	10.0000	
27 Chloroform	83	Compound Not Detected.					
28 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
30 Carbon Tetrachloride	117	Compound Not Detected.					
32 Benzene	78	Compound Not Detected.					
33 1,2-Dichloroethane	62	Compound Not Detected.					
* 35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1431699	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	Compound Not Detected.					
43 Toluene	92	11.120	11.115	(0.908)	150039	2.50504	50
44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
45 1,1,2-Trichloroethane	83	Compound Not Detected.					
46 Tetrachloroethene	166	11.558	11.552	(0.943)	30973	0.47154	9.4
47 Methyl Butyl Ketone	43	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1405342	10.0000	
51 Chlorobenzene	112	Compound Not Detected.					
52 Ethylbenzene	91	Compound Not Detected.					
53 Xylene (m,p)	106	12.380	12.380	(1.010)	75713	1.31235	26
54 Xylene (o)	106	12.732	12.726	(1.039)	38113	0.66893	13
56 Styrene	104	Compound Not Detected.					
57 Bromoform	173	Compound Not Detected.					
58 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/C.i/Csvr.p/cgcato15.b/736419d.d

Date : 27-DEC-2007 20:34

Client ID: 20071219VP-13V1.5 N

Instrument: C.i

Sample Info: 20071219VP-13V1.5@N :[ ]12/19/07 @1528(AIR)

Purge Volume: 10.0

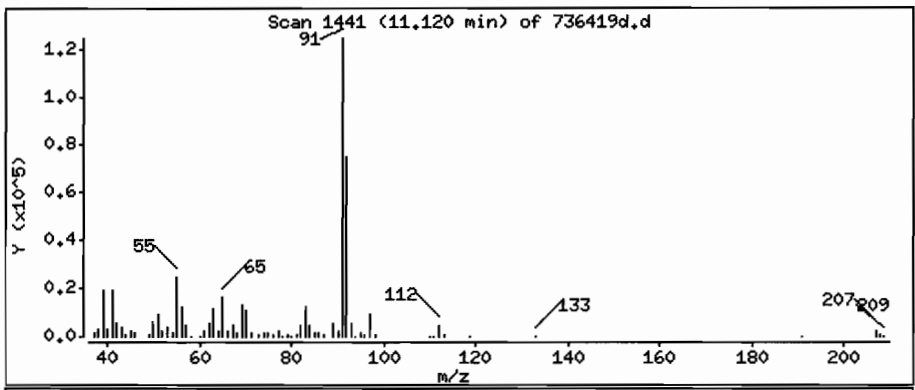
Operator: pad

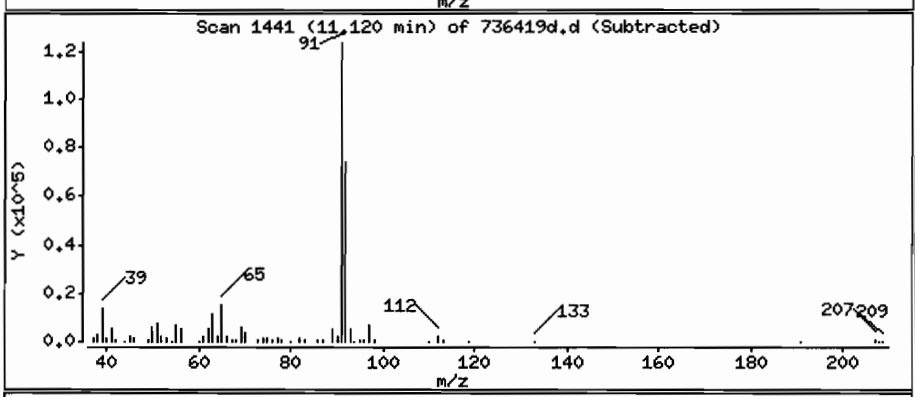
Column phase: RTX-624

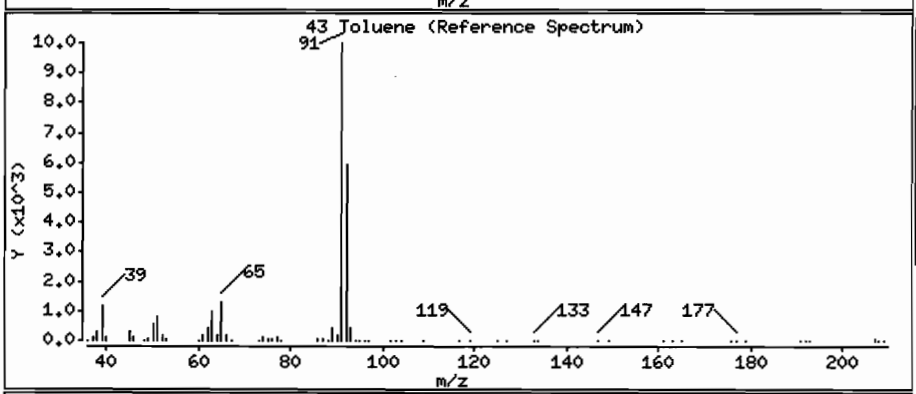
Column diameter: 0.32

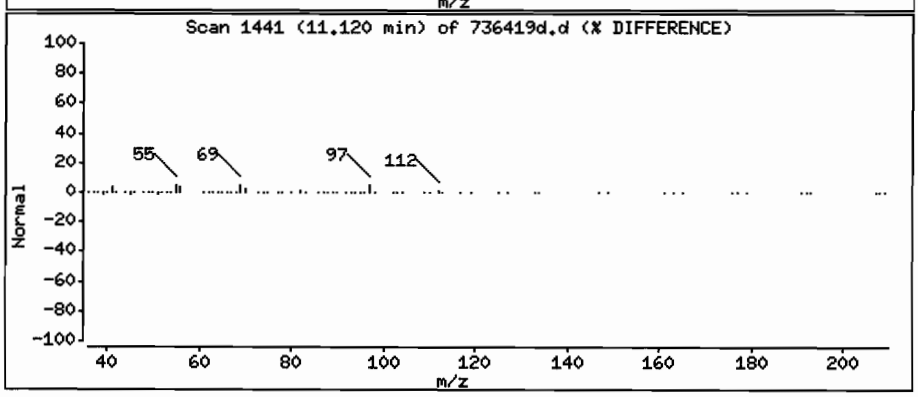
43 Toluene

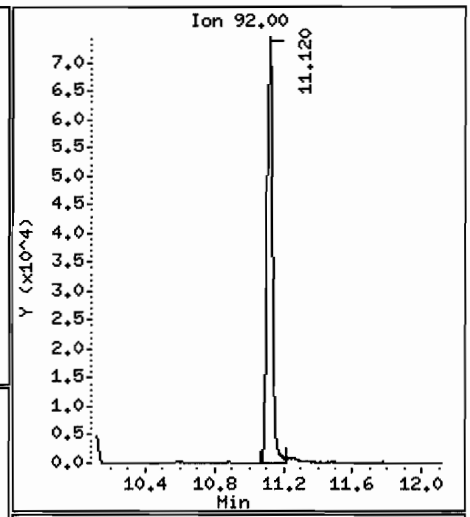
Concentration: 50 ppbv

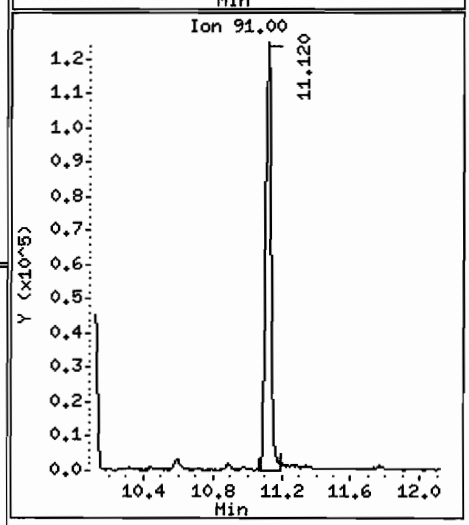












Data File: /chem/C.i/Csvr.p/cgcato15.b/736419d.d

Date : 27-DEC-2007 20:34

Client ID: 20071219VP-13V1.5 N

Instrument: C.i

Sample Info: 20071219VP-13V1.5@N :[ ]12/19/07 @1528(AIR)

Purge Volume: 10.0

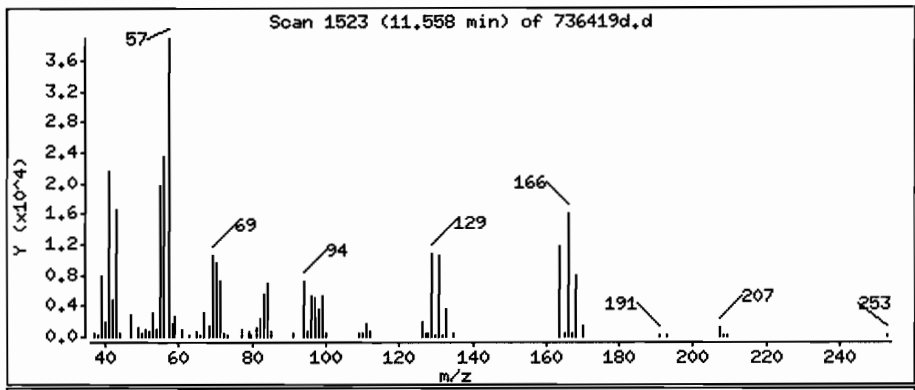
Operator: pad

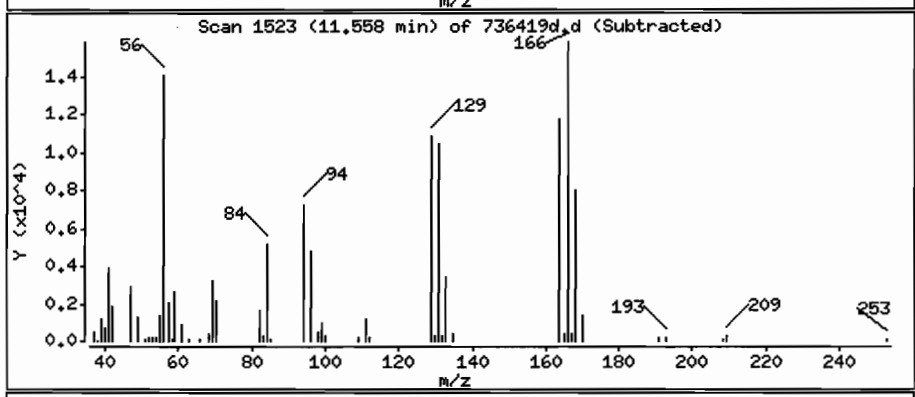
Column phase: RTX-624

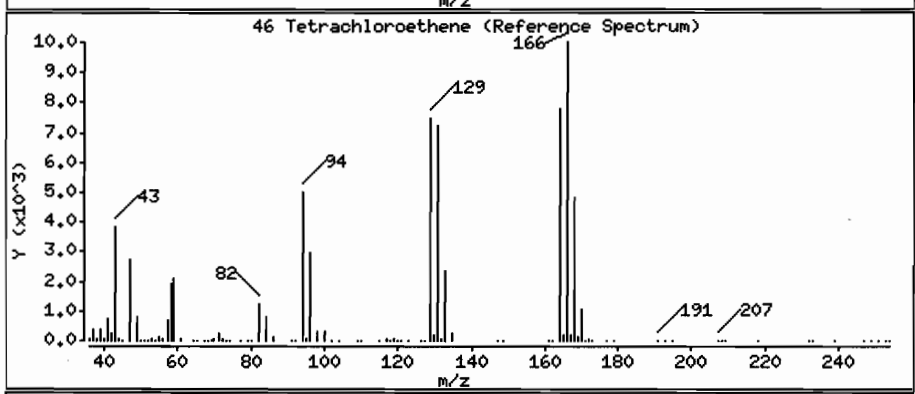
Column diameter: 0.32

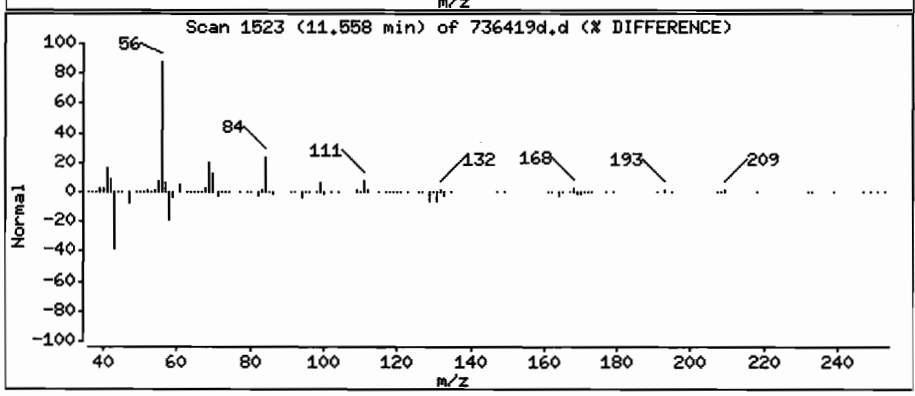
46 Tetrachloroethene

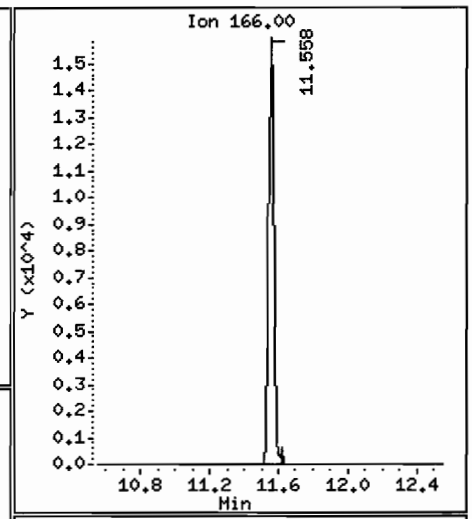
Concentration: 9.4 ppbv

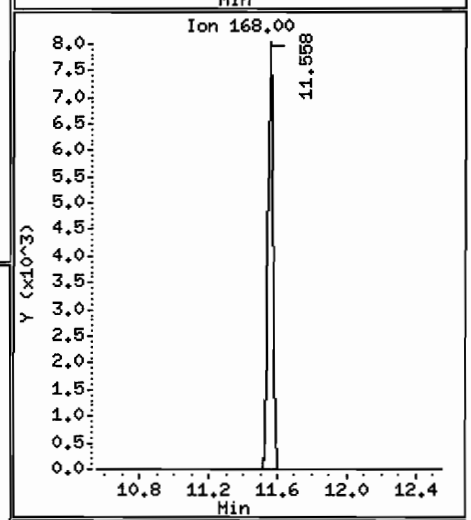


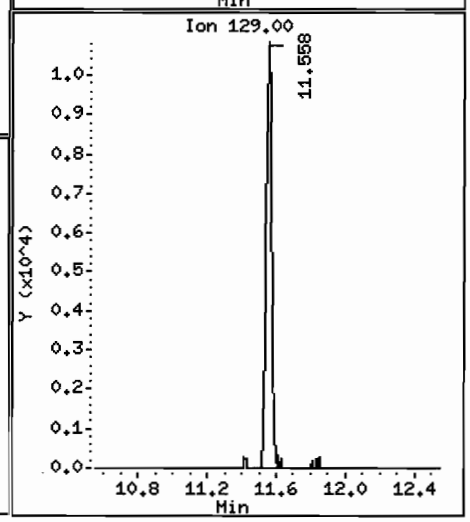












Data File: /chem/C.i/Csvr.p/cgcato15.b/736419d.d

Date : 27-DEC-2007 20:34

Client ID: 20071219VP-13V1.5 N

Instrument: C.i

Sample Info: 20071219VP-13V1.5@N :[ ]12/19/07 @1528(AIR)

Purge Volume: 10.0

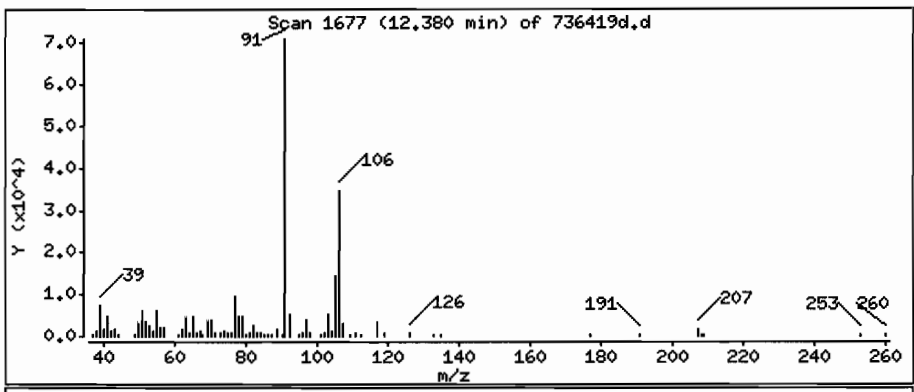
Operator: pad

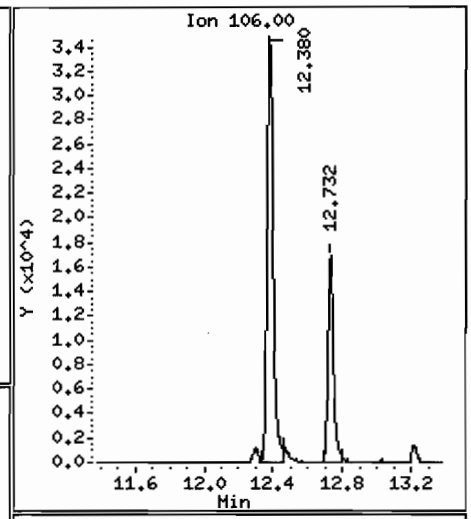
Column phase: RTX-624

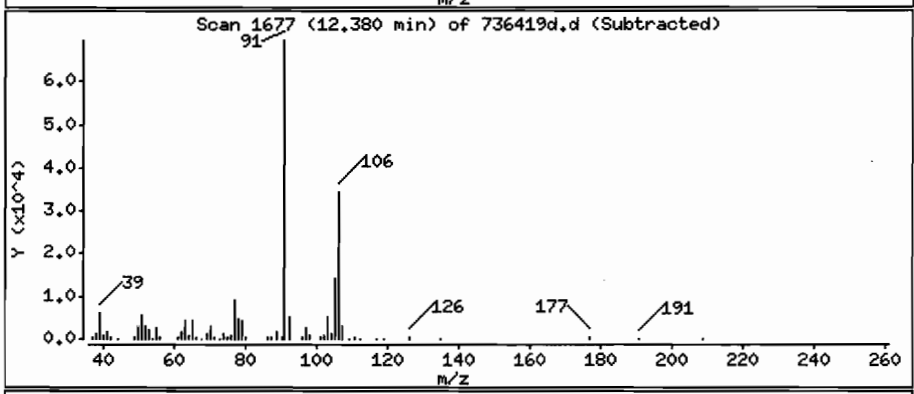
Column diameter: 0.32

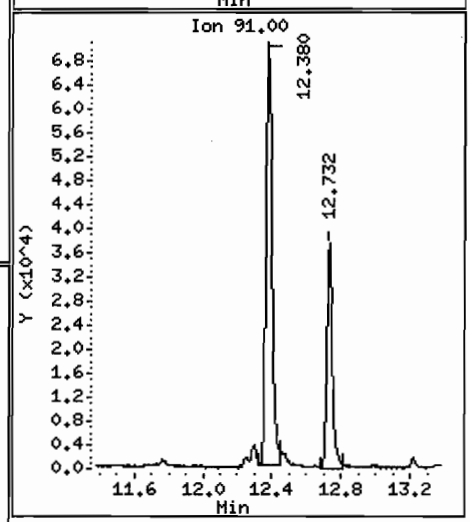
53 Xylene (m,p)

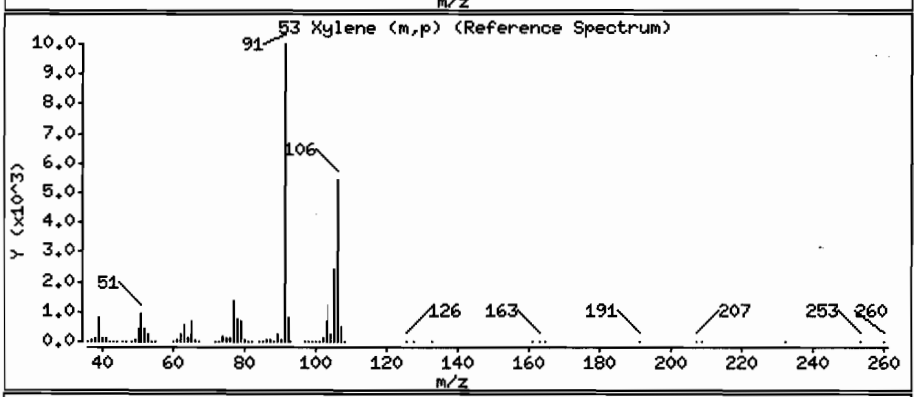
Concentration: 26 ppbv

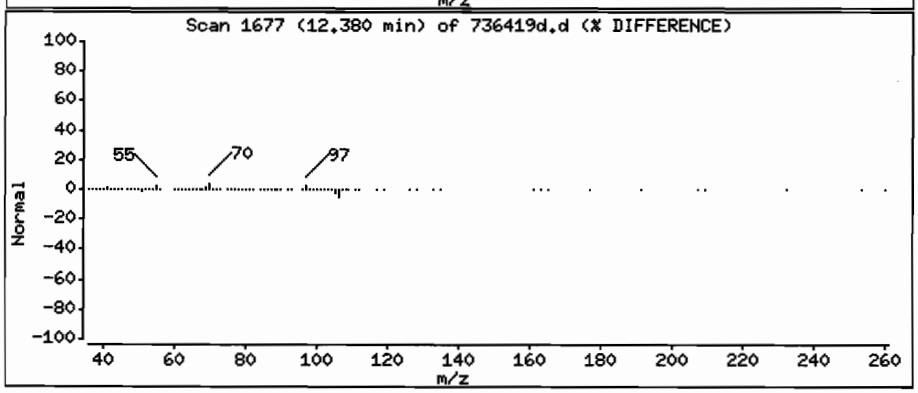












Data File: /chem/C.i/Csvr.p/cgcato15.b/736419d.d

Date : 27-DEC-2007 20:34

Client ID: 20071219VP-13V1.5 N

Instrument: C.i

Sample Info: 20071219VP-13V1.5@N :[ ]12/19/07 @1528(AIR)

Purge Volume: 10.0

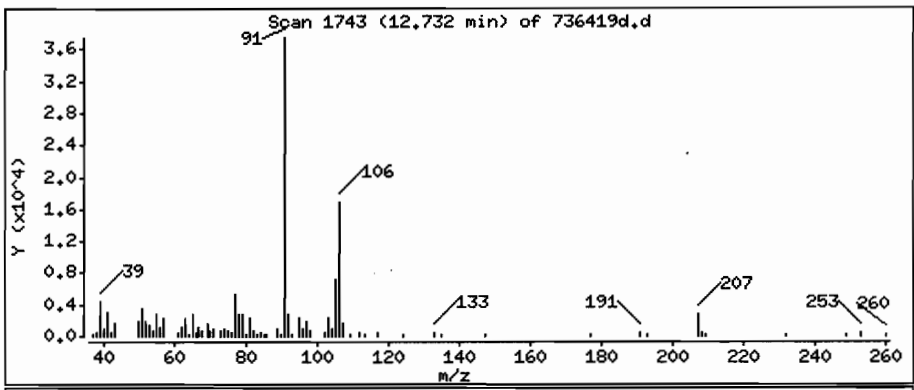
Operator: pad

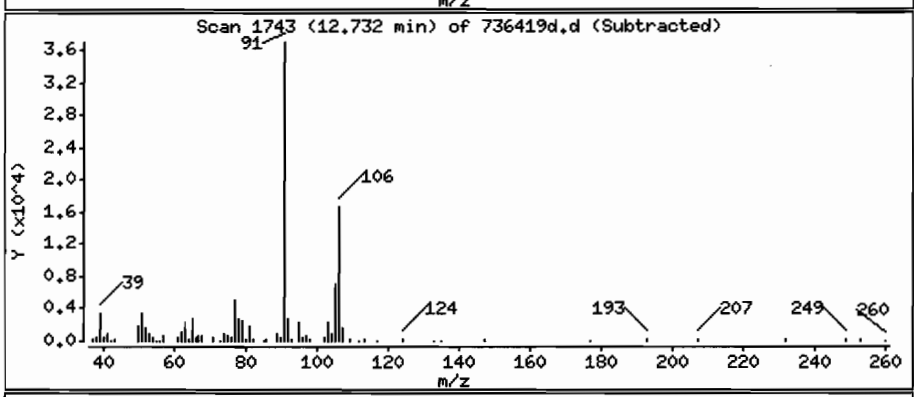
Column phase: RTX-624

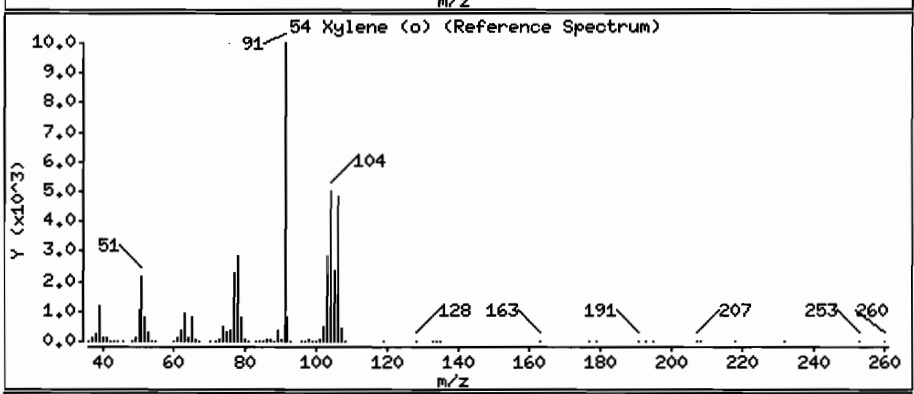
Column diameter: 0.32

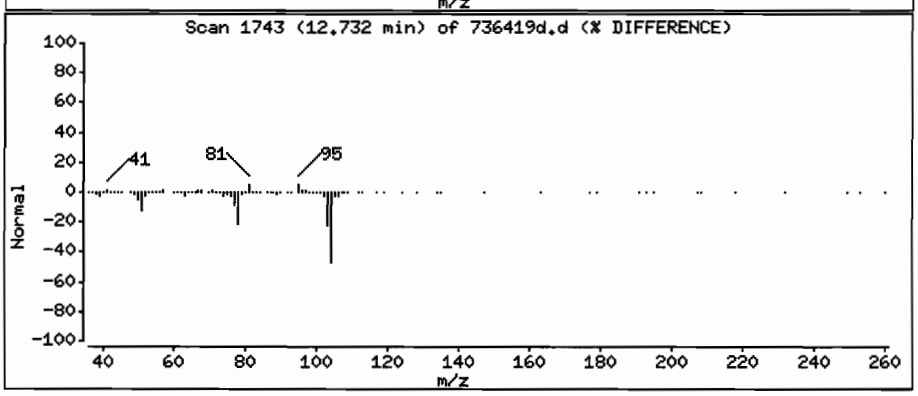
54 Xylene (o)

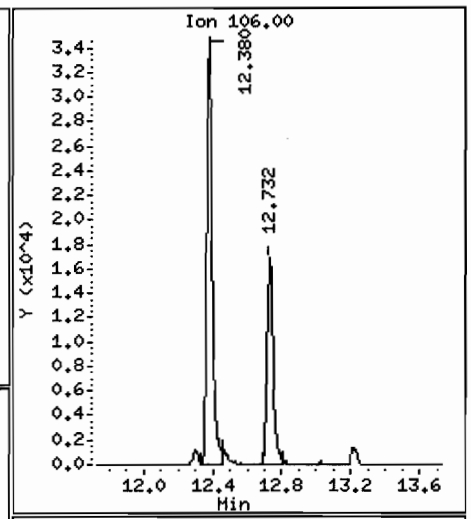
Concentration: 13 ppbv

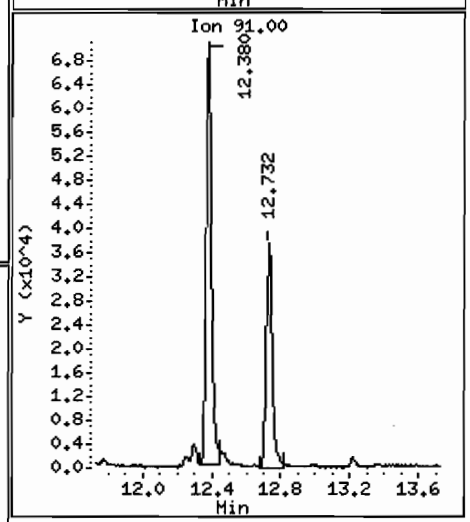












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219V
P-07V1.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736418

Sample wt/vol: 85.00 (g/mL) ML Lab File ID: 736418D

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/29/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.4

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	1.2	U
75-01-4	Vinyl Chloride	0.47	U
74-83-9	Bromomethane	0.47	U
75-00-3	Chloroethane	1.2	U
75-35-4	1,1-Dichloroethene	0.47	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	4.0	
75-09-2	Methylene Chloride	1.2	U
156-60-5	trans-1,2-Dichloroethene	0.47	U
75-34-3	1,1-Dichloroethane	0.47	U
78-93-3	Methyl Ethyl Ketone	1.7	
156-59-2	cis-1,2-Dichloroethene	0.47	U
67-66-3	Chloroform	14	
71-55-6	1,1,1-Trichloroethane	0.47	U
56-23-5	Carbon Tetrachloride	1.1	
71-43-2	Benzene	1.1	
107-06-2	1,2-Dichloroethane	0.47	U
79-01-6	Trichloroethene	3.2	
78-87-5	1,2-Dichloropropane	77	
75-27-4	Bromodichloromethane	0.47	U
10061-01-5	cis-1,3-Dichloropropene	0.47	U
108-10-1	Methyl Isobutyl Ketone	1.2	U
108-88-3	Toluene	4.6	
10061-02-6	trans-1,3-Dichloropropene	0.47	U
79-00-5	1,1,2-Trichloroethane	0.47	U
127-18-4	Tetrachloroethene	4.1	
591-78-6	Methyl Butyl Ketone	1.2	U
124-48-1	Dibromochloromethane	0.47	U
108-90-7	Chlorobenzene	0.47	U
100-41-4	Ethylbenzene	1.0	
1330-20-7	Xylene (m,p)	3.3	
95-47-6	Xylene (o)	0.47	U
100-42-5	Styrene	0.47	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219V
P-07V1.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736418

Sample wt/vol: 85.00 (g/mL) ML Lab File ID: 736418D

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/29/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.4

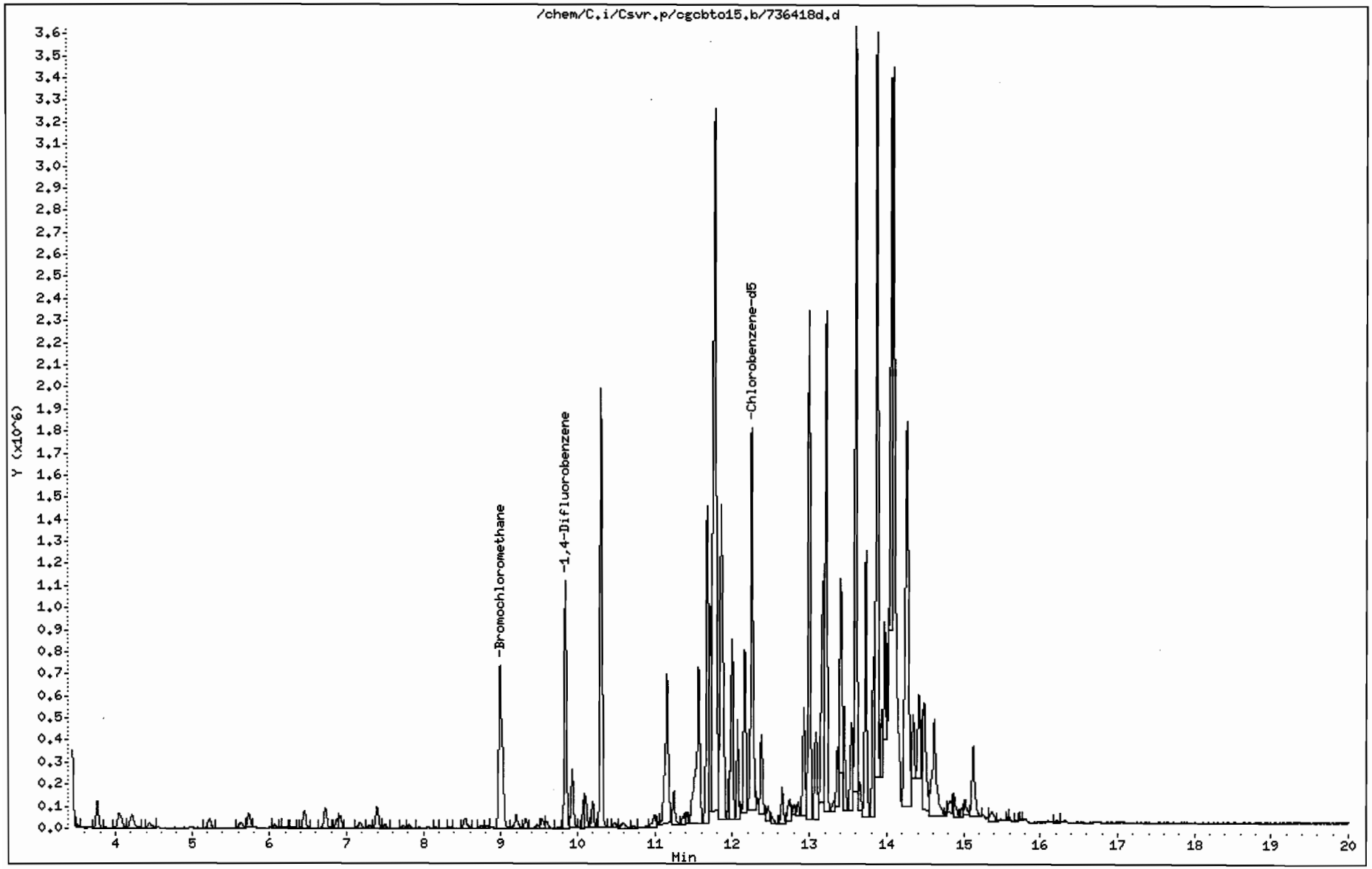
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.47	U
79-34-5	1,1,2,2-Tetrachloroethane	0.47	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d
Date : 29-DEC-2007 04:49
Client ID: 20071219VP-07V1.5 N
Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)
Purge Volume: 85.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcbto15.b/736418d.d
Lab Smp Id: 736418 Client Smp ID: 20071219VP-07V1.5 N
Inj Date : 29-DEC-2007 04:49
Operator : pad Inst ID: C.i
Smp Info : 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)
Misc Info : 736418;122807CA;2.35;85;
Comment :
Method : /chem/C.i/Csvr.p/cgcbto15.b/rto15.m
Meth Date : 02-Jan-2008 13:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 12
Dil Factor: 2.35000
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	2.35000 ✓	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	85.00000	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)
3 Chloromethane	50	Compound Not Detected.					
4 Vinyl Chloride	62	Compound Not Detected.					
6 Bromomethane	94	Compound Not Detected.					
7 Chloroethane	64	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
12 Acetone	43	Compound Not Detected.					
14 Carbon Disulfide	76	6.920	6.925	(0.770)	95305	1.71810	4.0
16 Methylene Chloride	49	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	8.740	8.734	(0.973)	5561	0.72961	1.7(Q)
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	8.986	8.985	(1.000)	212416	10.0000	
27 Chloroform	83	9.018	9.023	(1.004)	296851	6.01990	14
28 1,1,1-Trichloroethane	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	30 Carbon Tetrachloride	117	9.322	9.327	(0.947)	29914	0.48788	1.1
	32 Benzene	78	9.530	9.530	(0.969)	27368	0.45596	1.1
	33 1,2-Dichloroethane	62	Compound Not Detected.					
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	882214	10.0000	
	36 Trichloroethene	95	10.074	10.074	(1.024)	40060	1.38114	3.2
	38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	651811	32.7562	77(Q)
	40 Bromodichloromethane	83	Compound Not Detected.					
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	43 Toluene	92	11.115	11.115	(0.907)	86104	1.96153	4.6
	44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	45 1,1,2-Trichloroethane	83	Compound Not Detected.					
	46 Tetrachloroethene	166	11.553	11.552	(0.943)	83488	1.73429	4.1
	47 Methyl Butyl Ketone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1029964	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	12.294	12.294	(1.003)	43121	0.43260	1.0
	53 Xylene (m,p)	106	12.380	12.380	(1.010)	58670	1.38758	3.3
	54 Xylene (o)	106	Compound Not Detected.					
	56 Styrene	104	Compound Not Detected.					
	57 Bromoform	173	Compound Not Detected.					
	58 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)

Purge Volume: 85.0

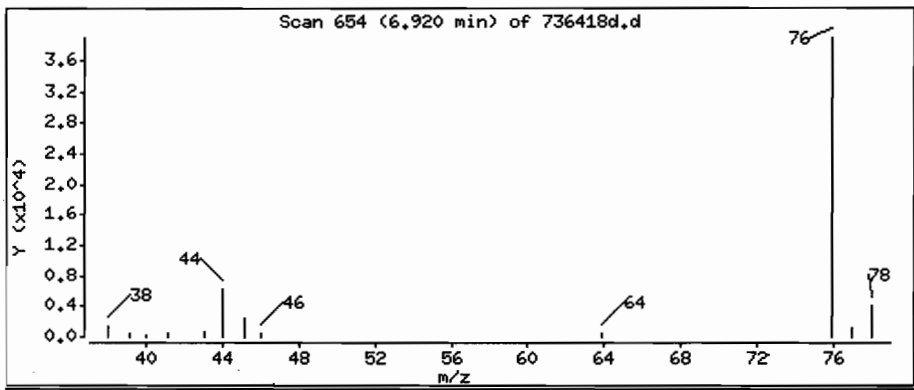
Operator: pad

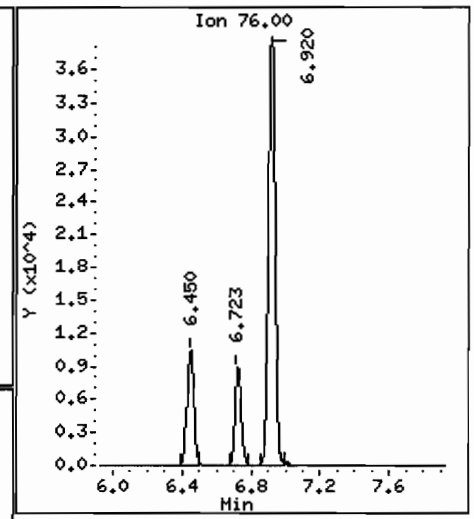
Column phase: RTX-624

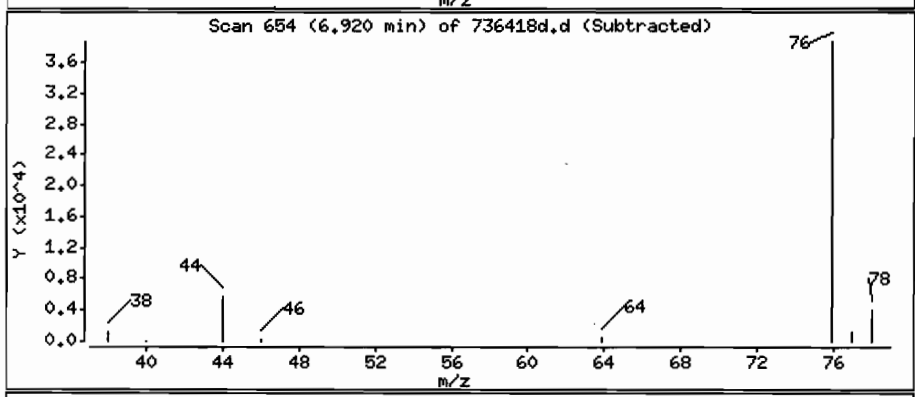
Column diameter: 0.32

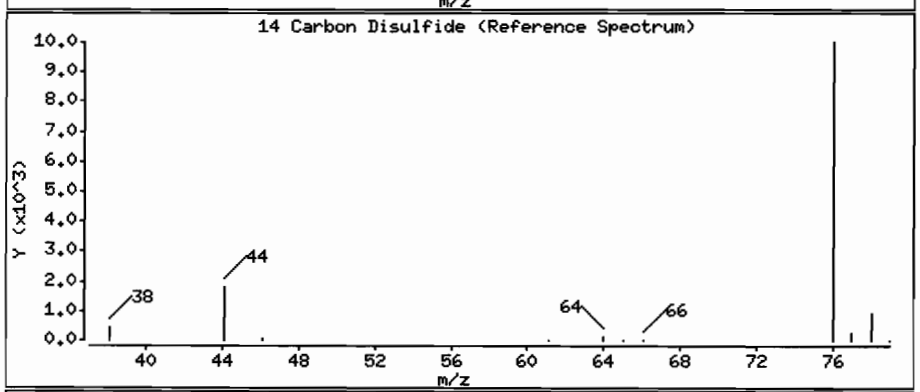
14 Carbon Disulfide

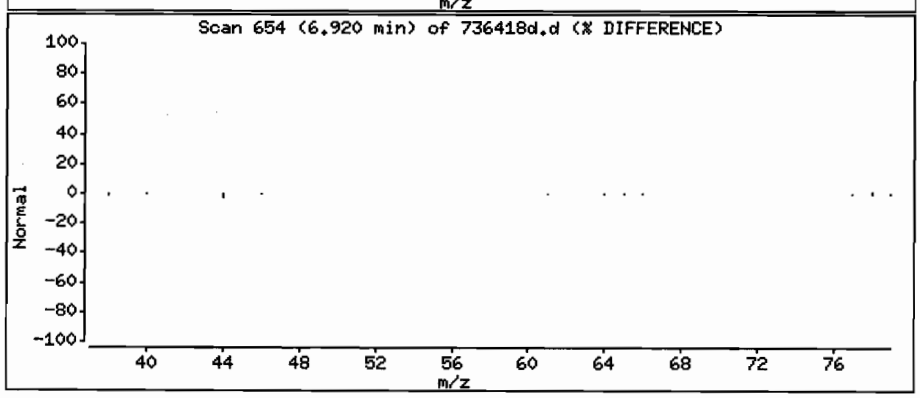
Concentration: 4.0 ppbv











Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)

Purge Volume: 85.0

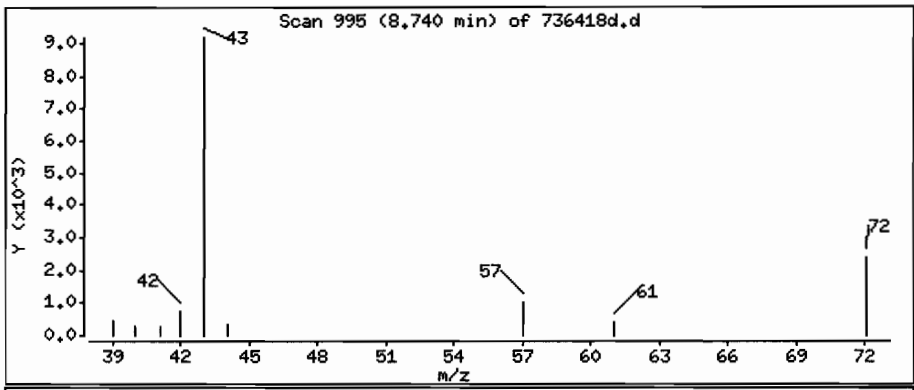
Operator: pad

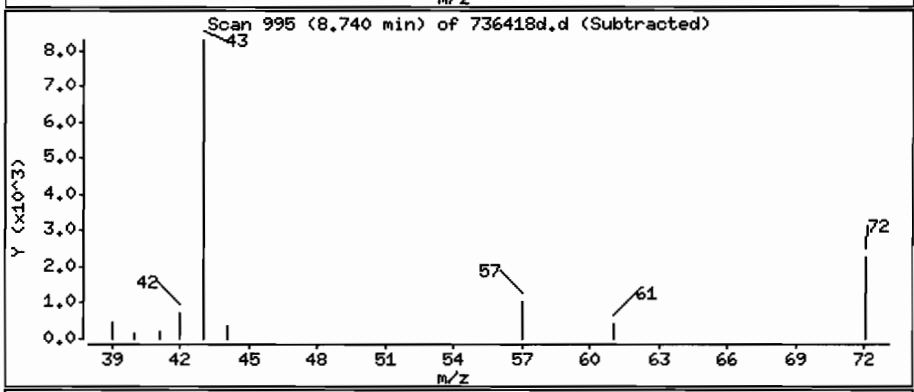
Column phase: RTX-624

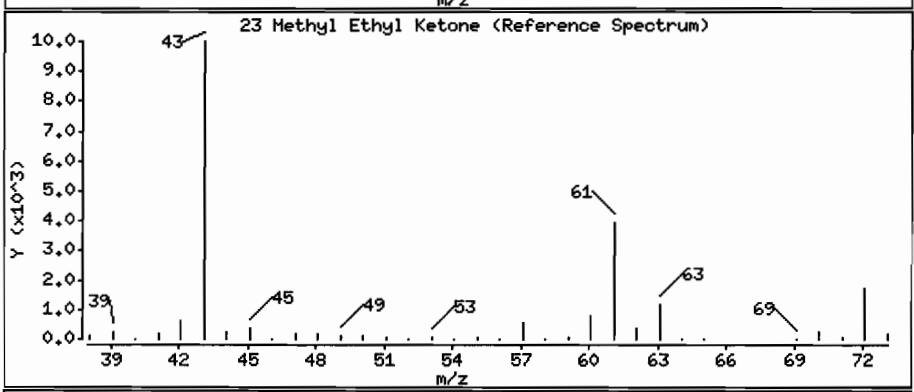
Column diameter: 0.32

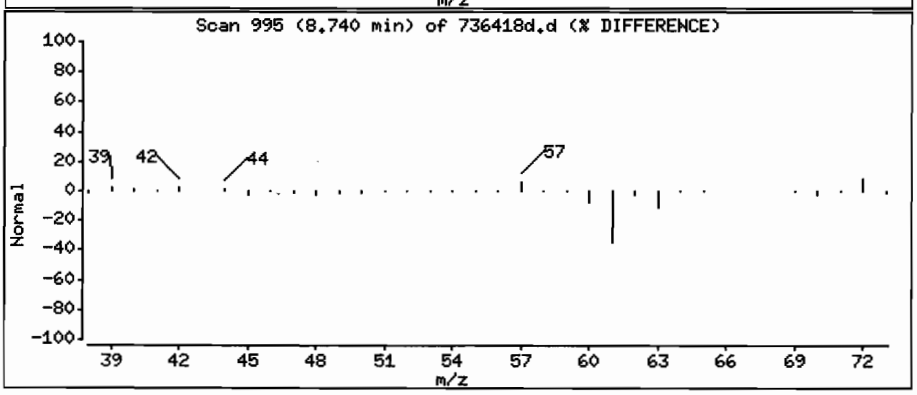
23 Methyl Ethyl Ketone

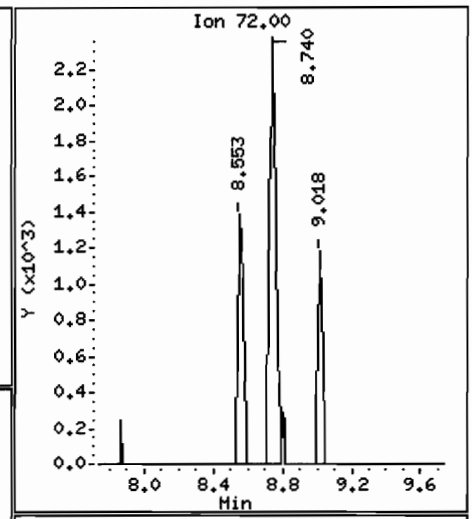
Concentration: 1.7 ppbv

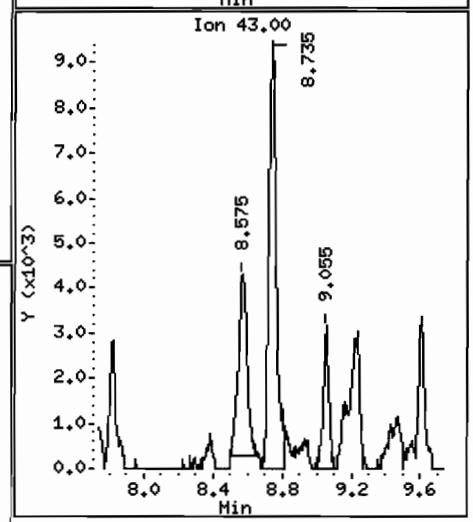












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)

Purge Volume: 85.0

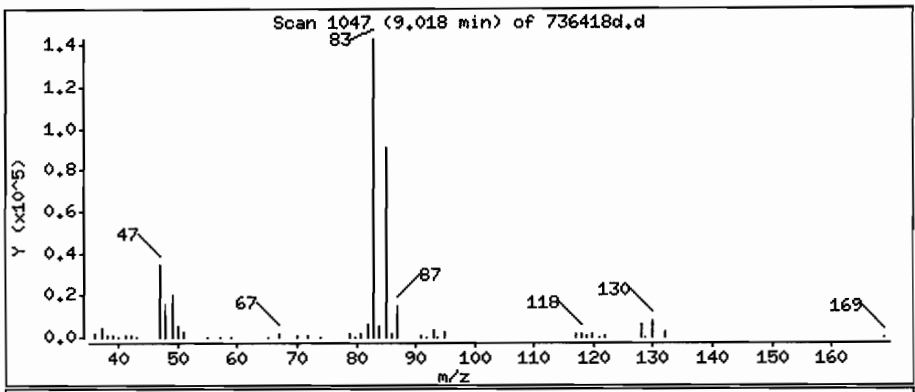
Operator: pad

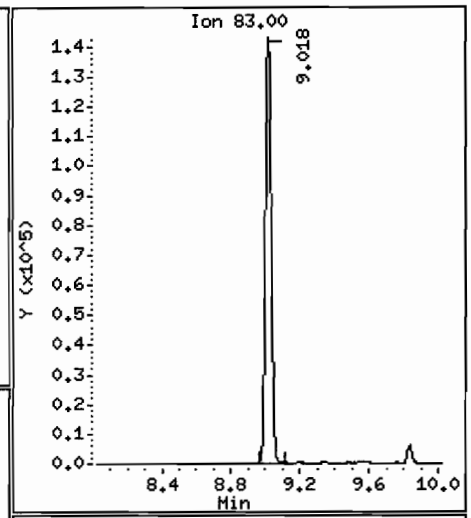
Column phase: RTX-624

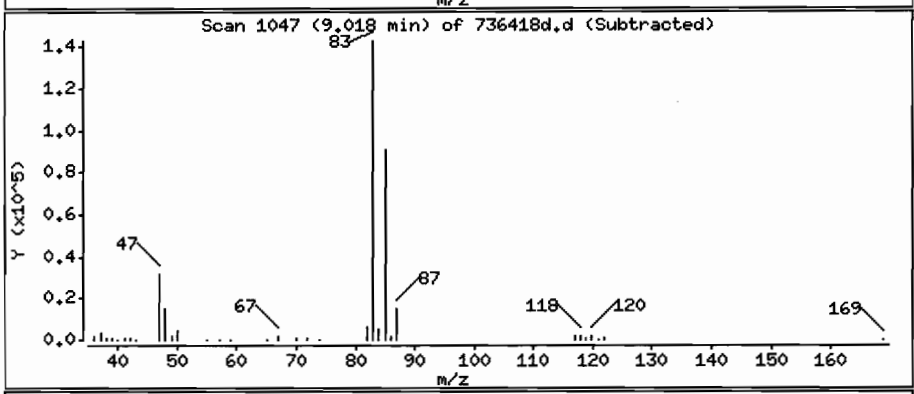
Column diameter: 0.32

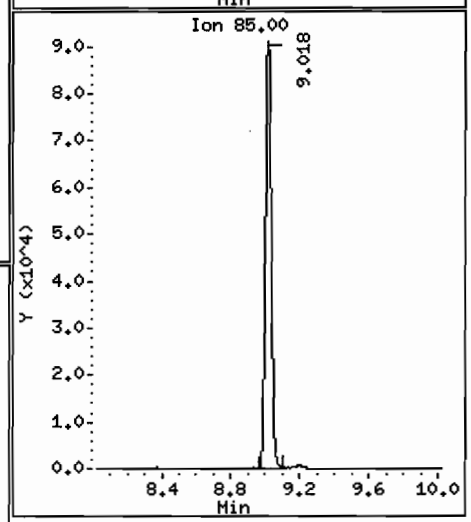
27 Chloroform

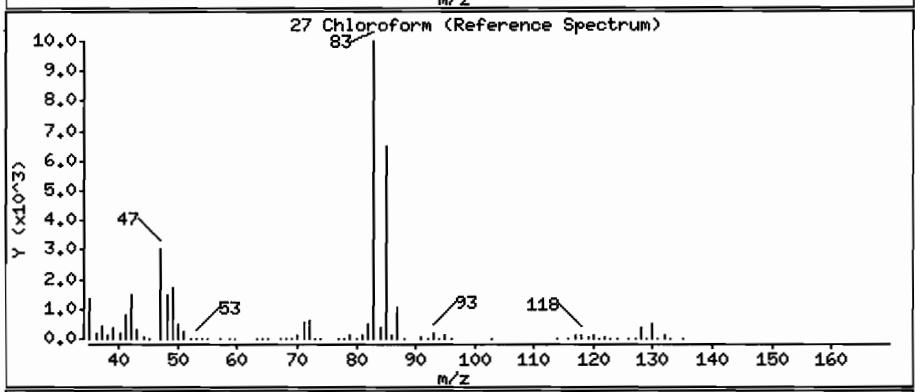
Concentration: 14 ppbv

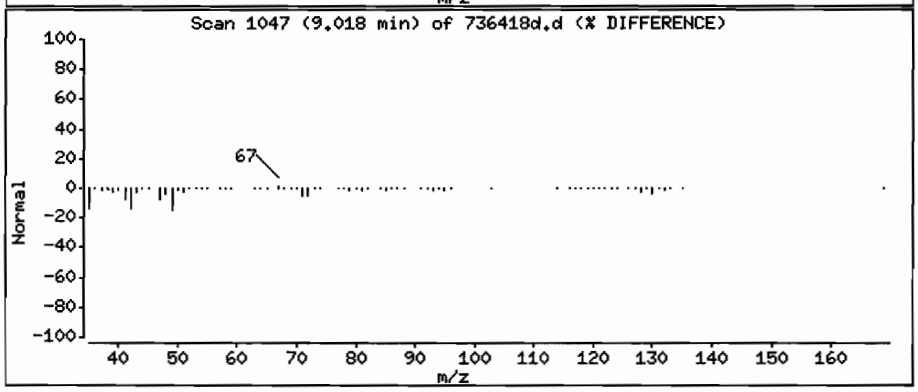












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[J12/19/07 @1458(AIR)

Purge Volume: 85.0

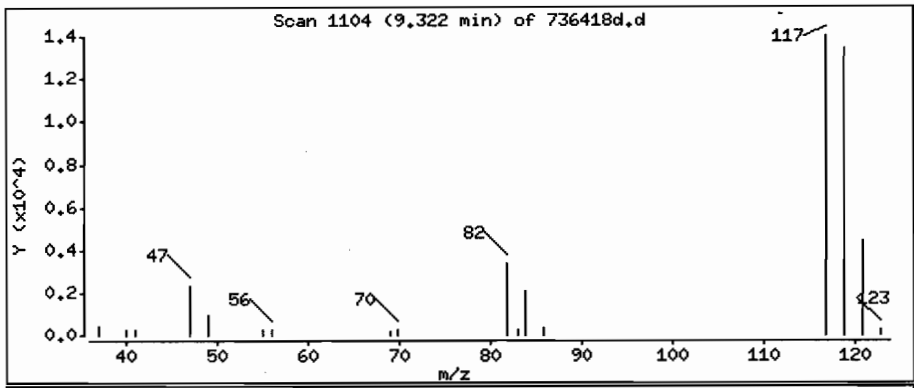
Operator: pad

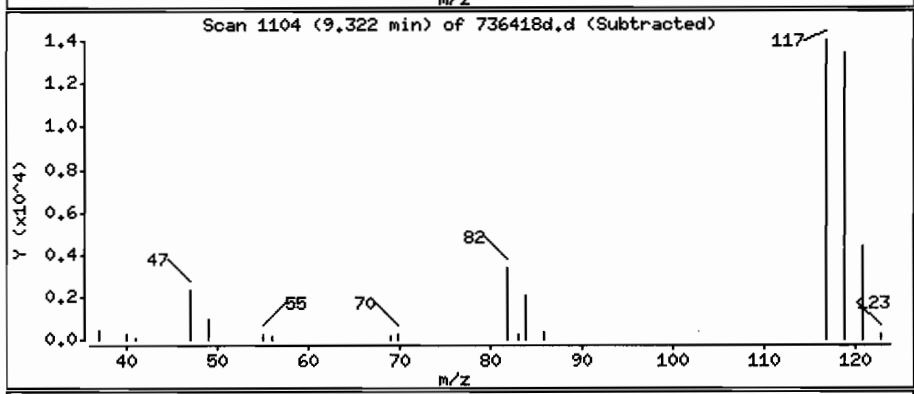
Column phase: RTX-624

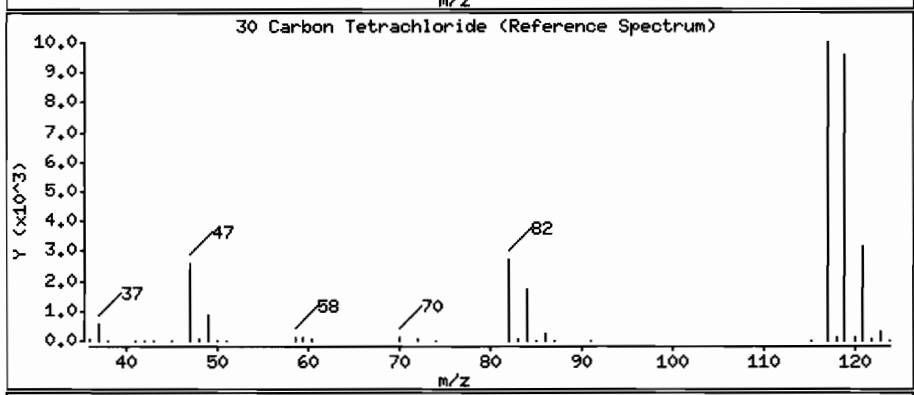
Column diameter: 0.32

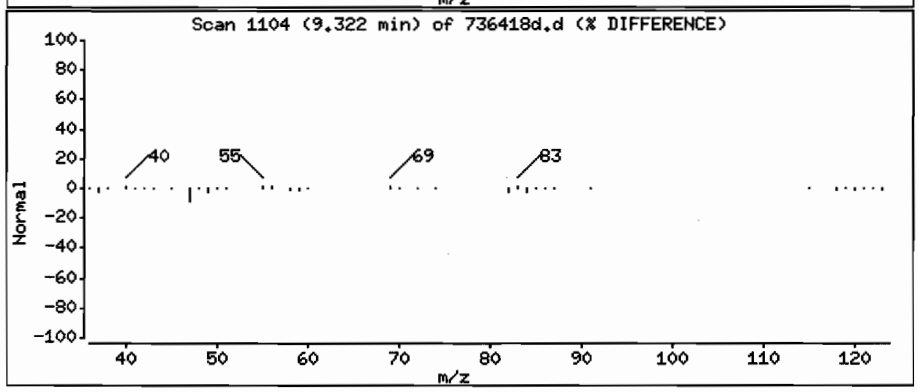
30 Carbon Tetrachloride

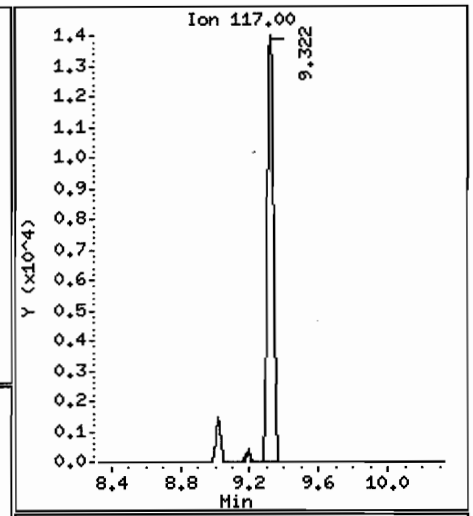
Concentration: 1.1 ppbv

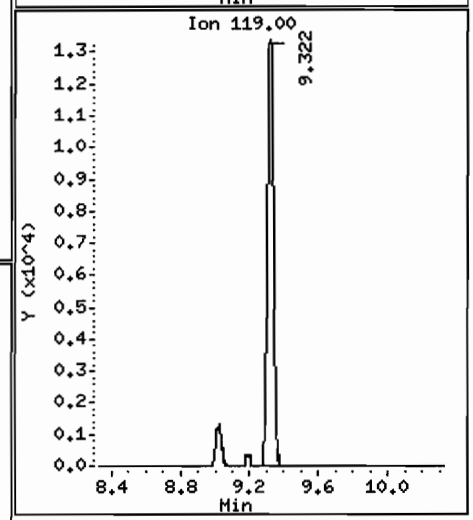












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)

Purge Volume: 85.0

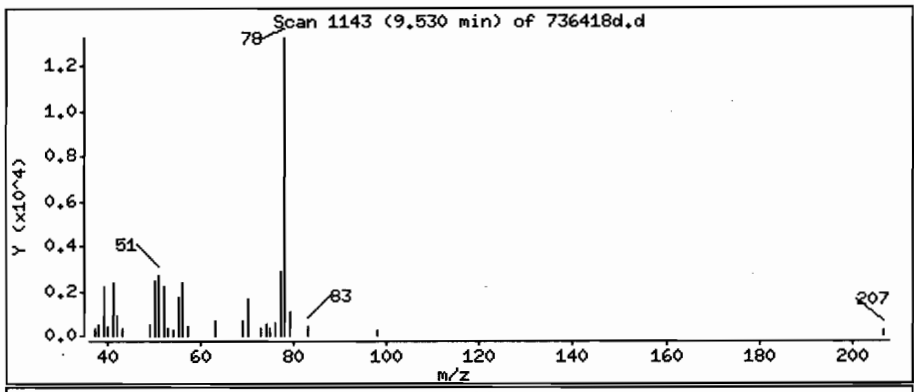
Operator: pad

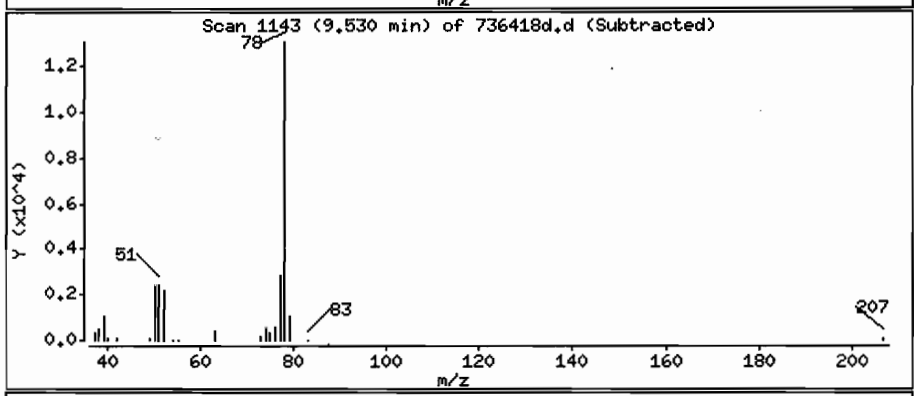
Column phase: RTX-624

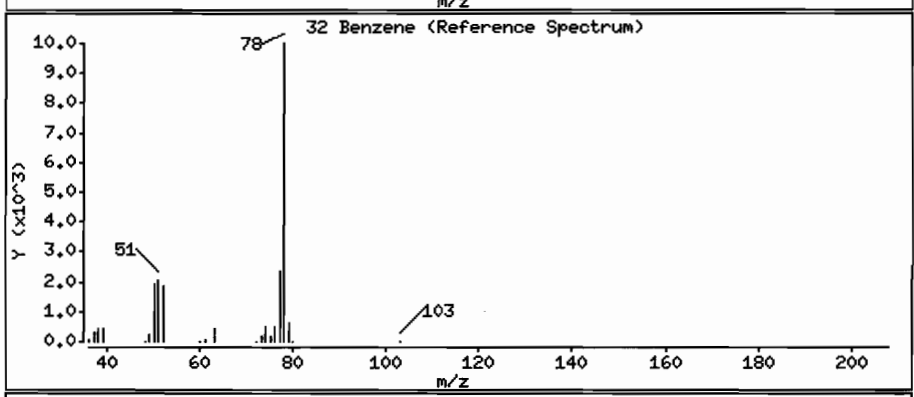
Column diameter: 0.32

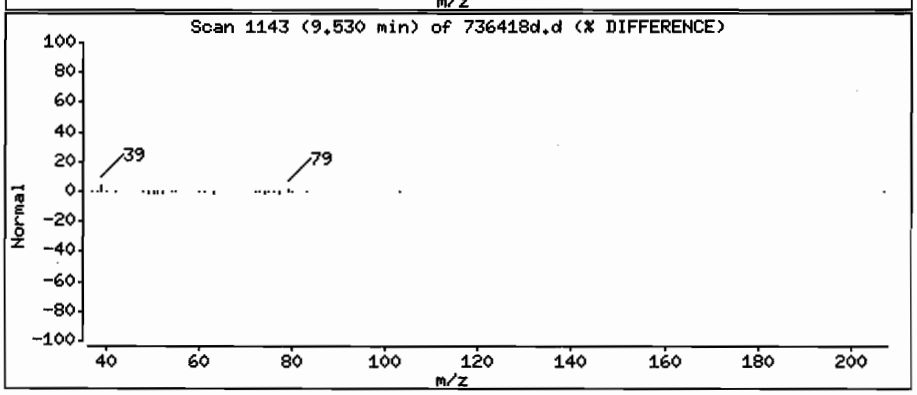
32 Benzene

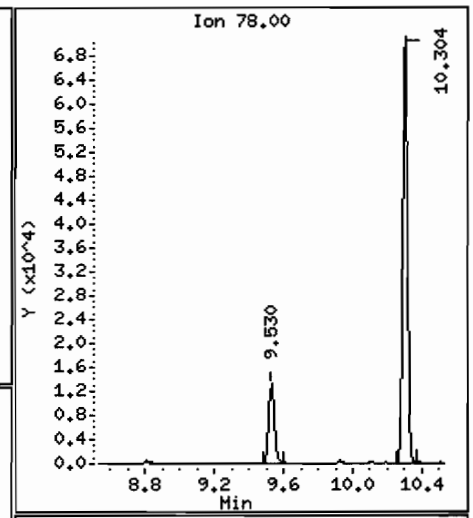
Concentration: 1.1 ppbv

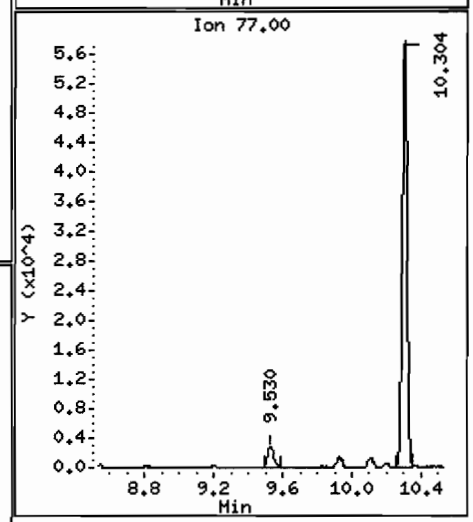












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)

Purge Volume: 85.0

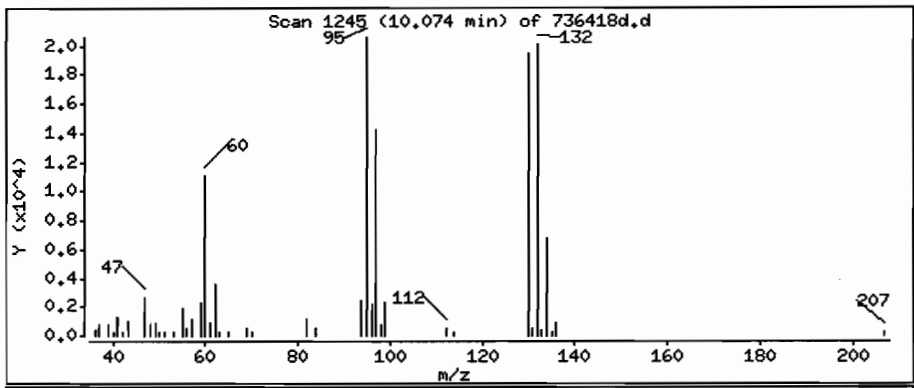
Operator: pad

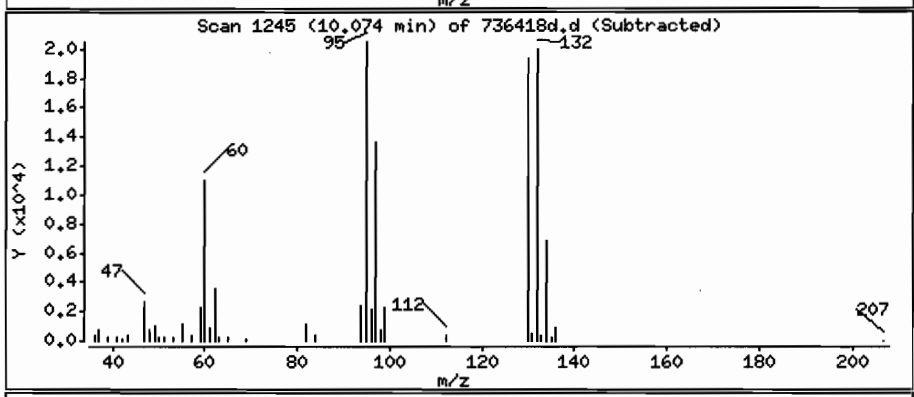
Column phase: RTX-624

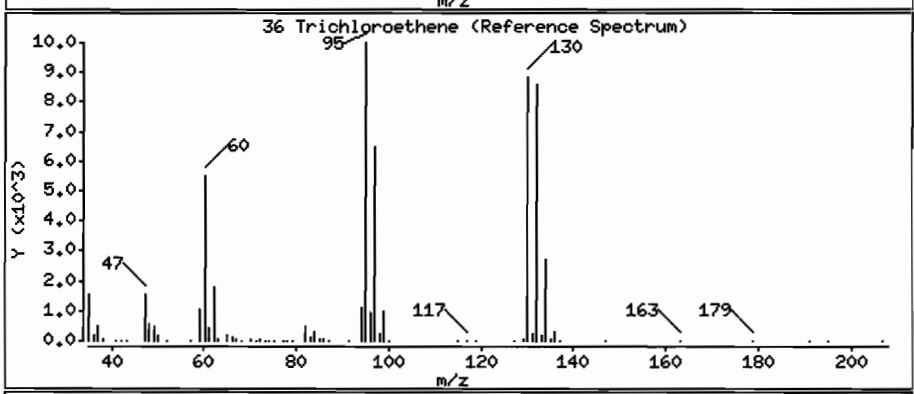
Column diameter: 0.32

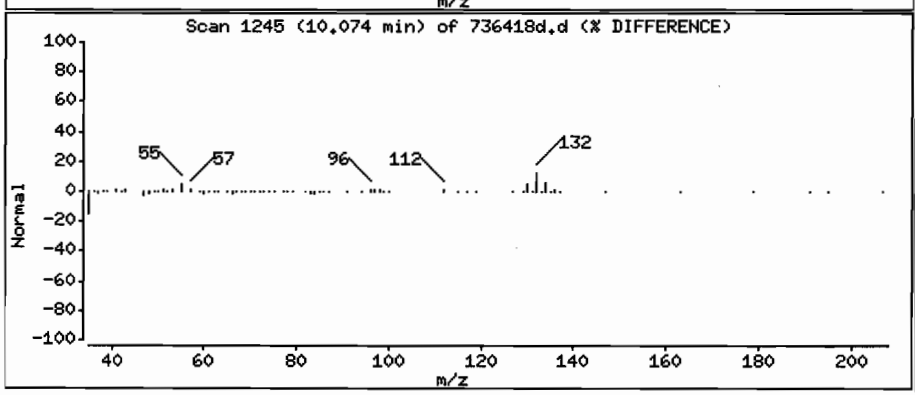
36 Trichloroethene

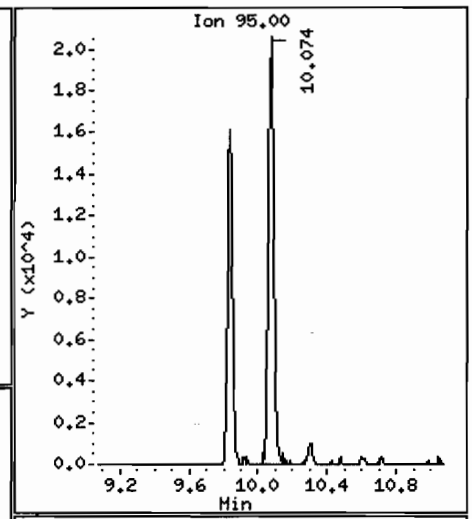
Concentration: 3.2 ppbv

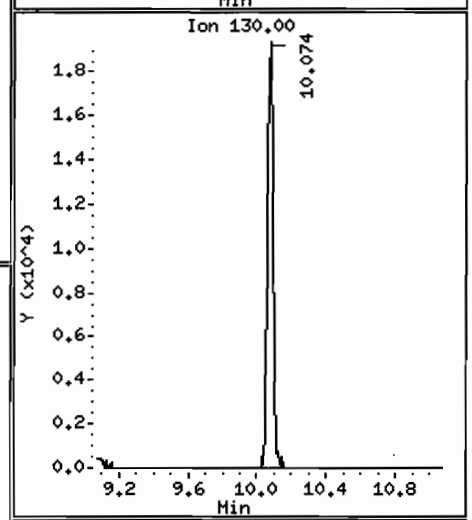


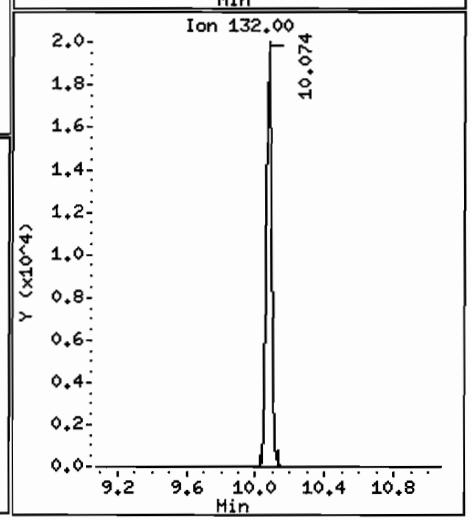












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)

Purge Volume: 85.0

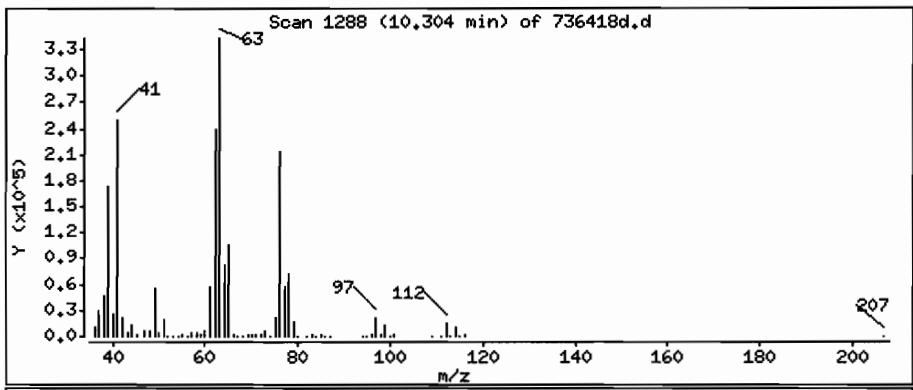
Operator: pad

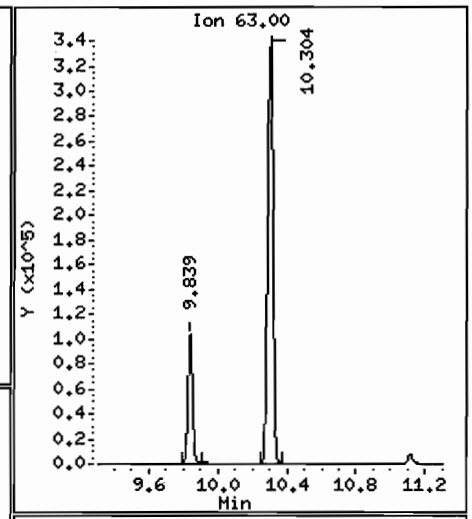
Column phase: RTX-624

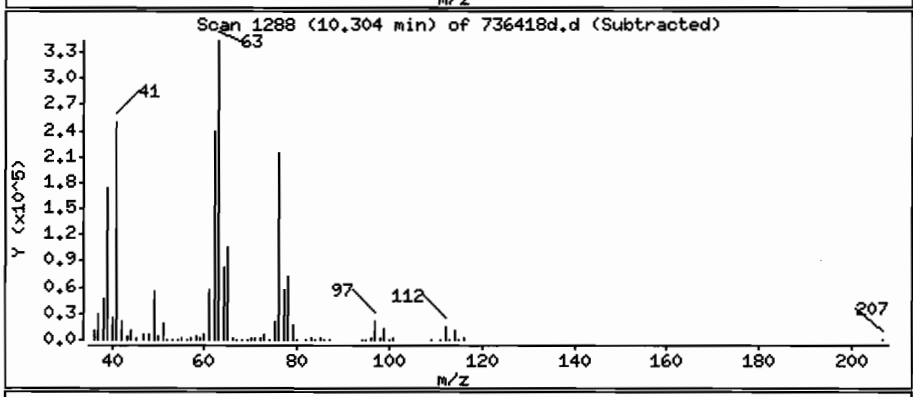
Column diameter: 0.32

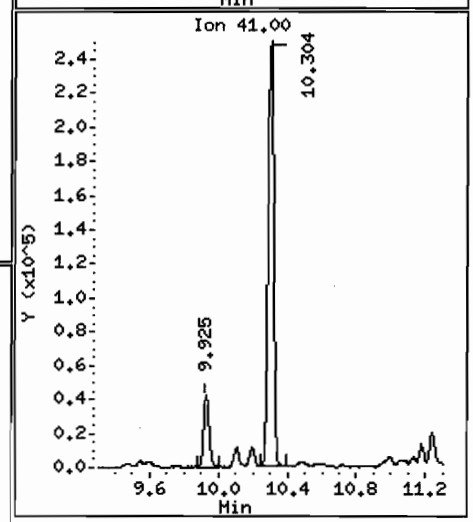
38 1,2-Dichloropropane

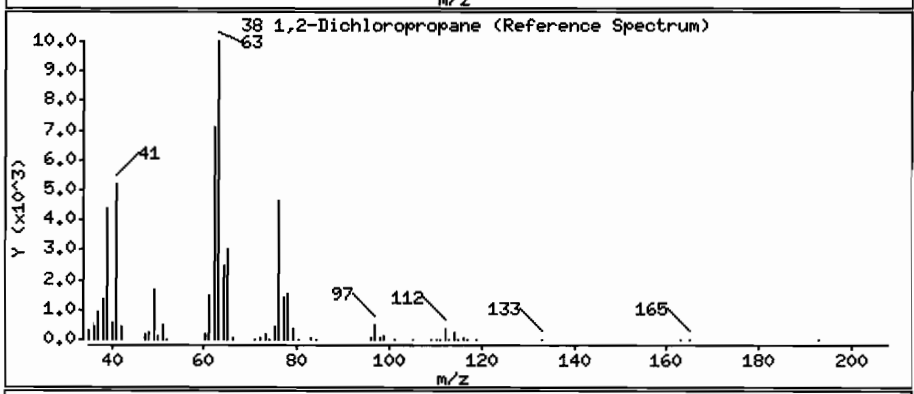
Concentration: 77 ppbv

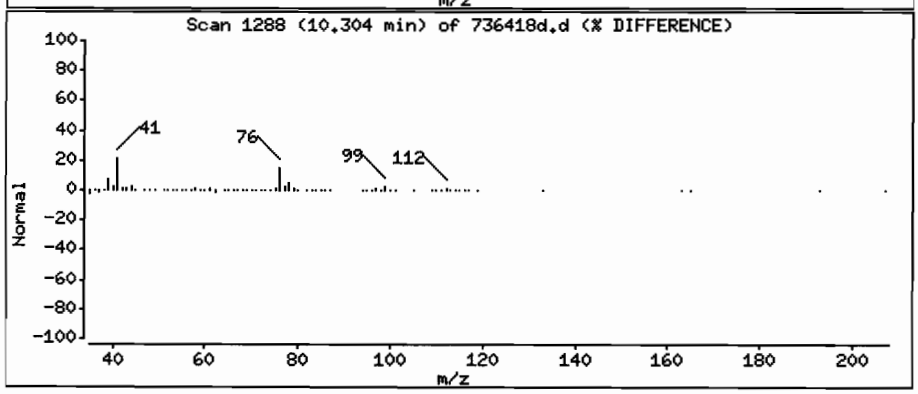












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)

Purge Volume: 85.0

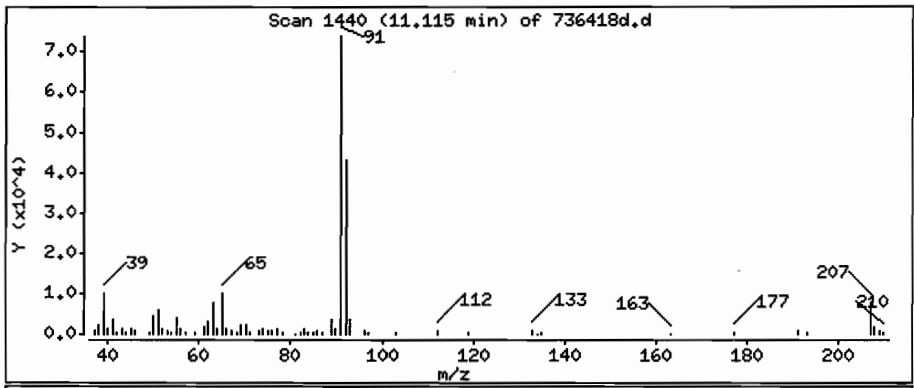
Operator: pad

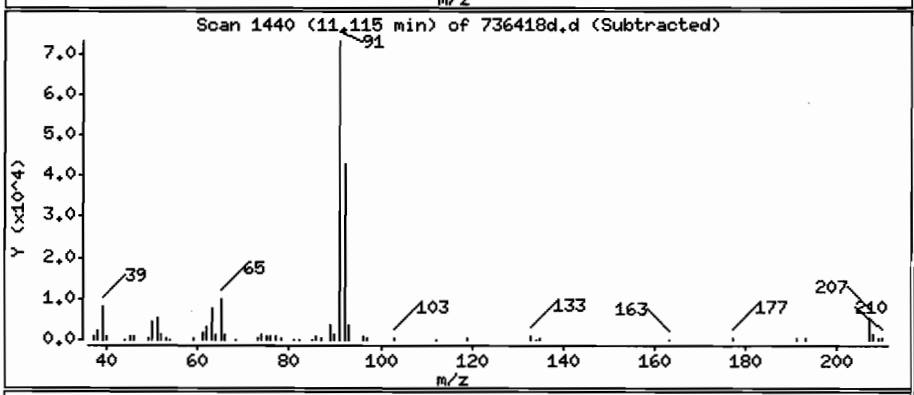
Column phase: RTX-624

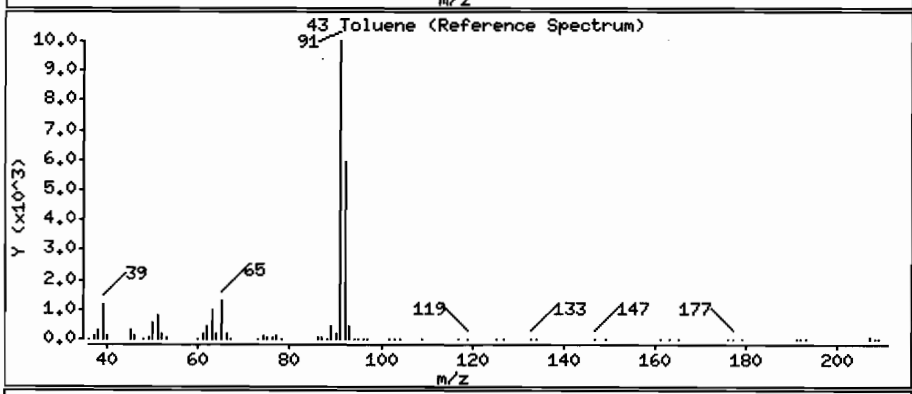
Column diameter: 0.32

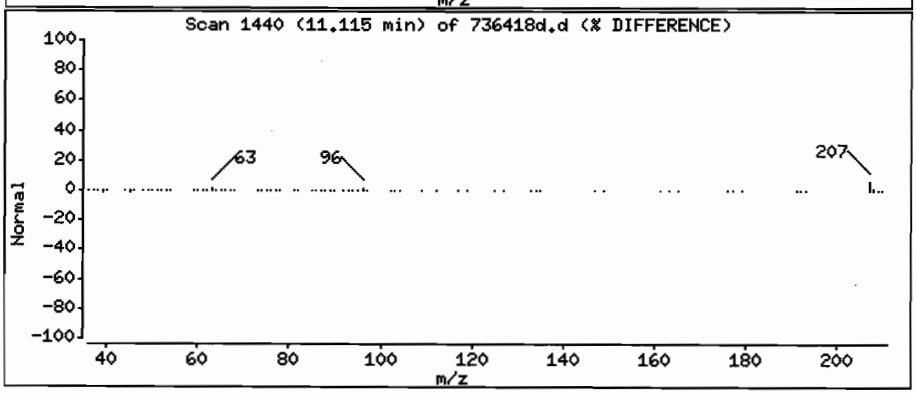
43 Toluene

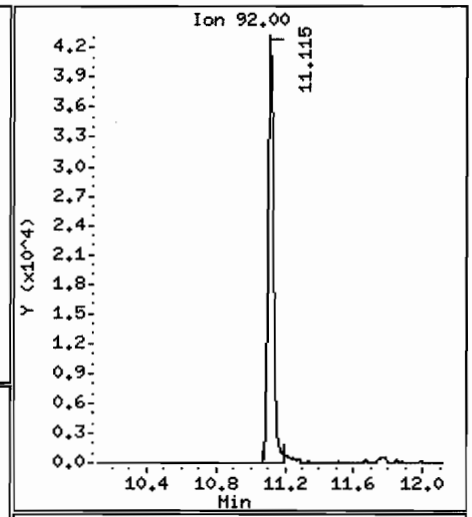
Concentration: 4.6 ppbv

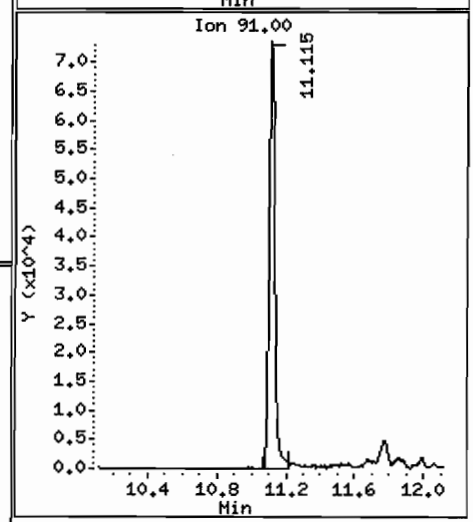












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)

Purge Volume: 85.0

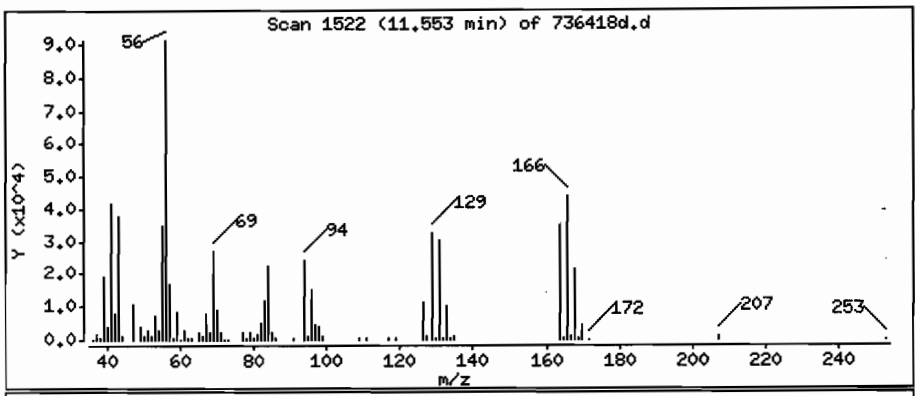
Operator: pad

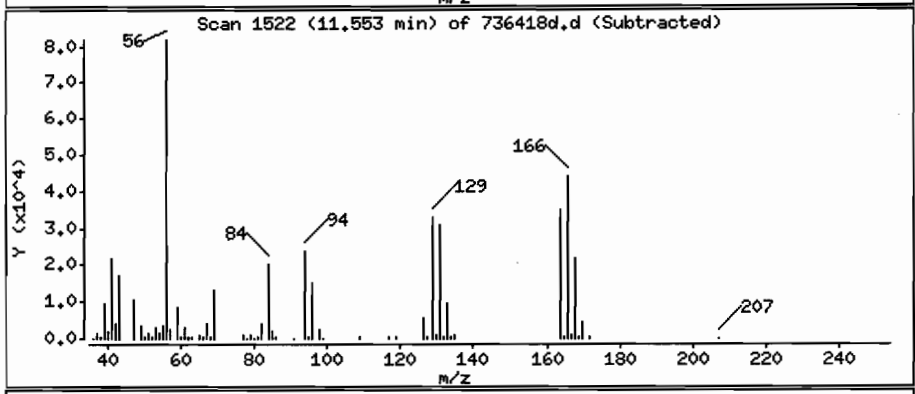
Column phase: RTX-624

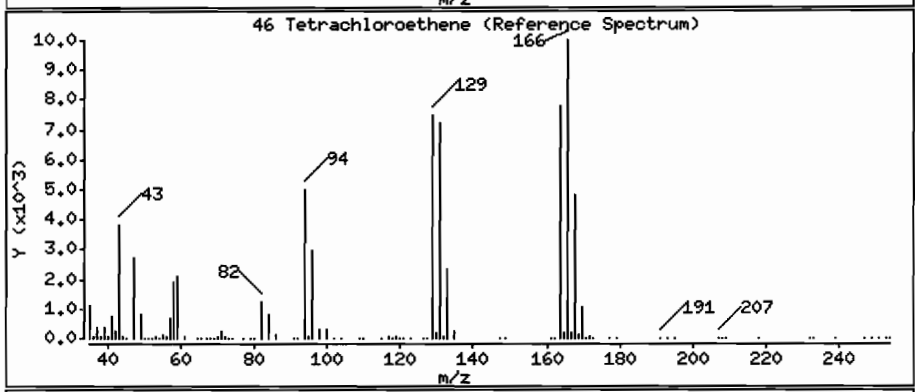
Column diameter: 0.32

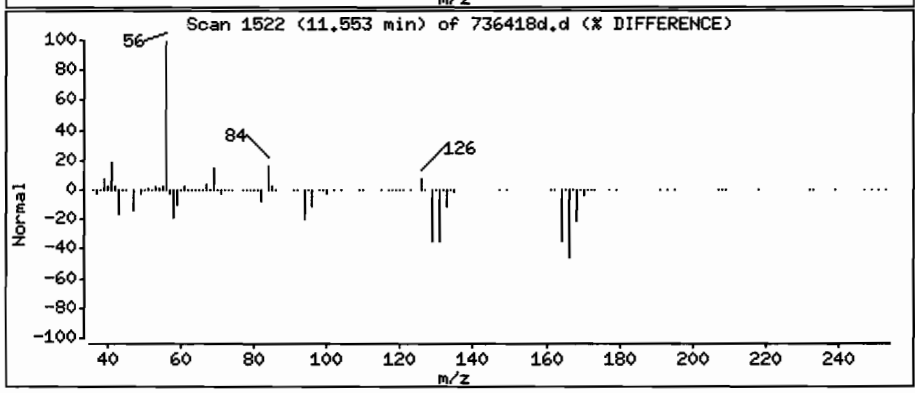
46 Tetrachloroethene

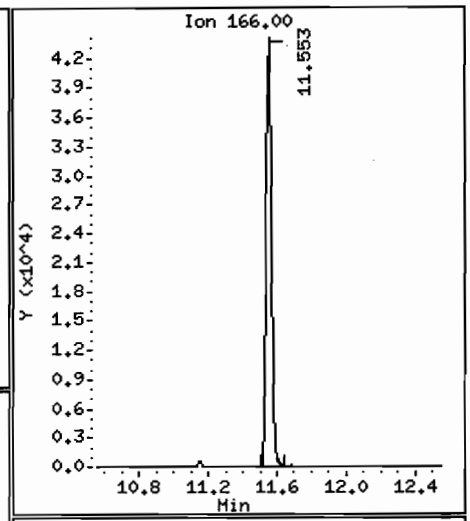
Concentration: 4.1 ppbv

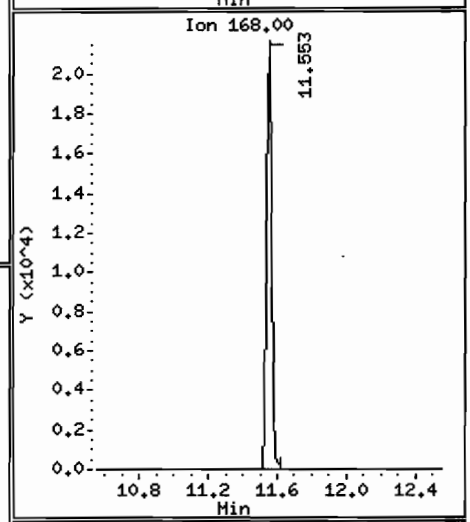


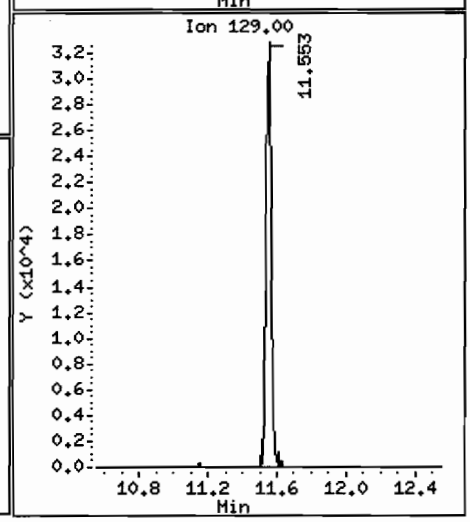












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)

Purge Volume: 85.0

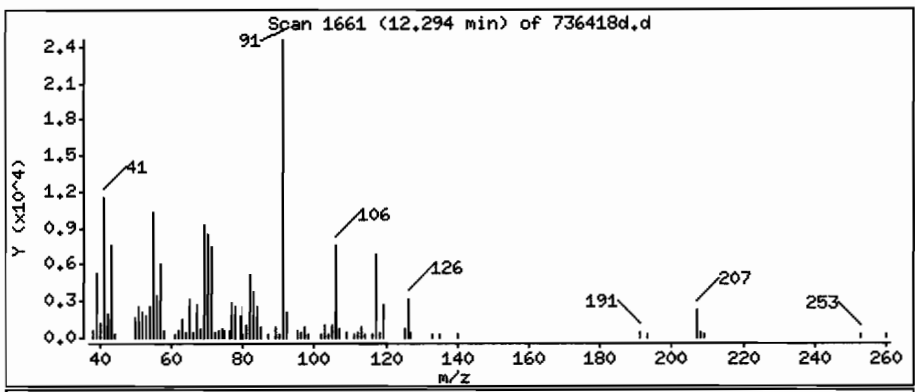
Operator: pad

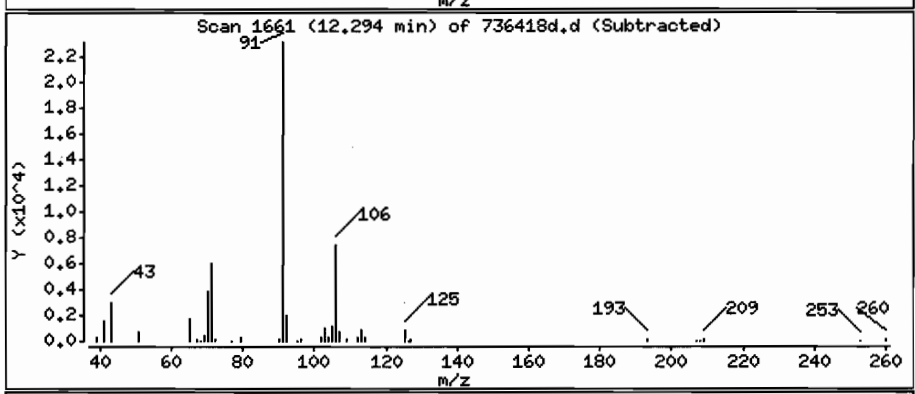
Column phase: RTX-624

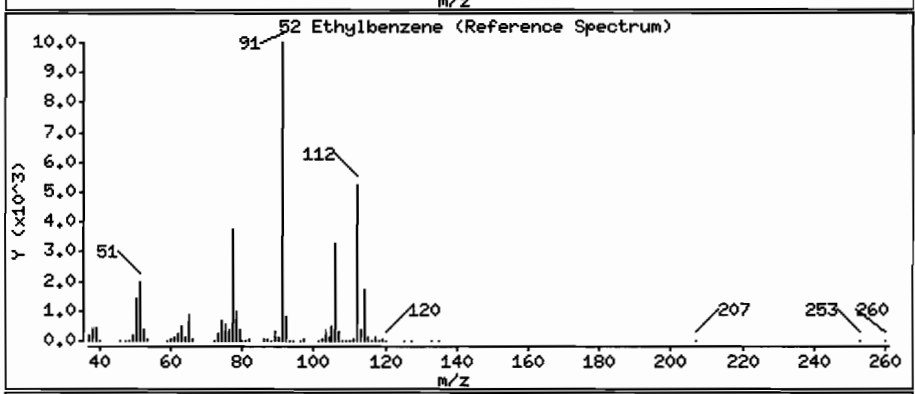
Column diameter: 0.32

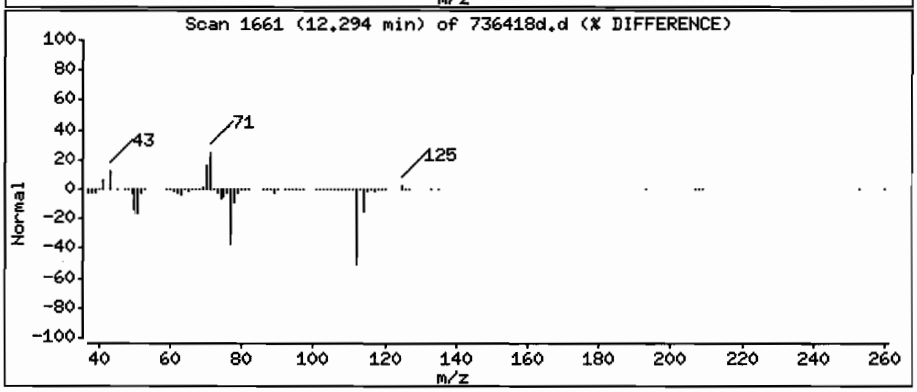
52 Ethylbenzene

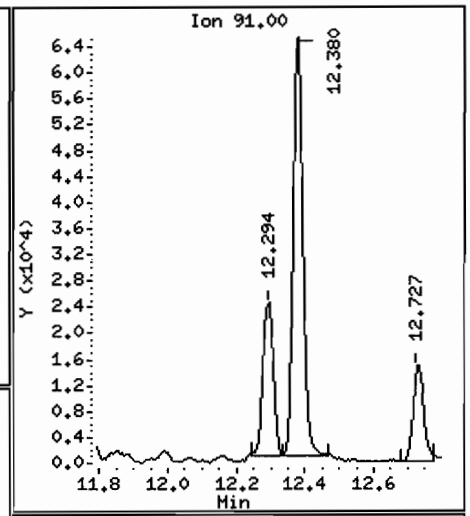
Concentration: 1.0 ppbv

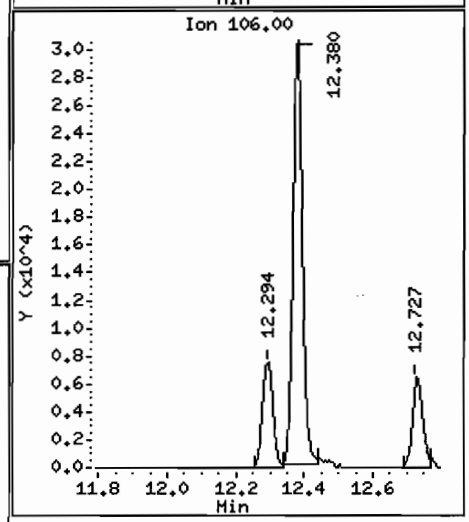












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736418d.d

Date : 29-DEC-2007 04:49

Client ID: 20071219VP-07V1.5 N

Instrument: C.i

Sample Info: 20071219VP-07V1.5@N :[ ]12/19/07 @1458(AIR)

Purge Volume: 85.0

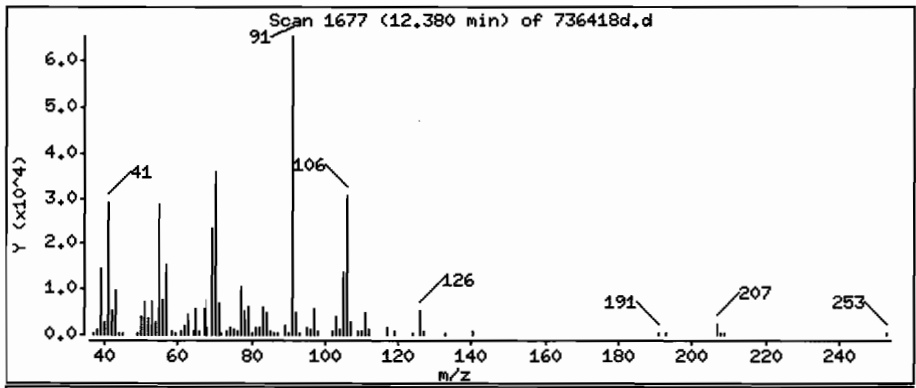
Operator: pad

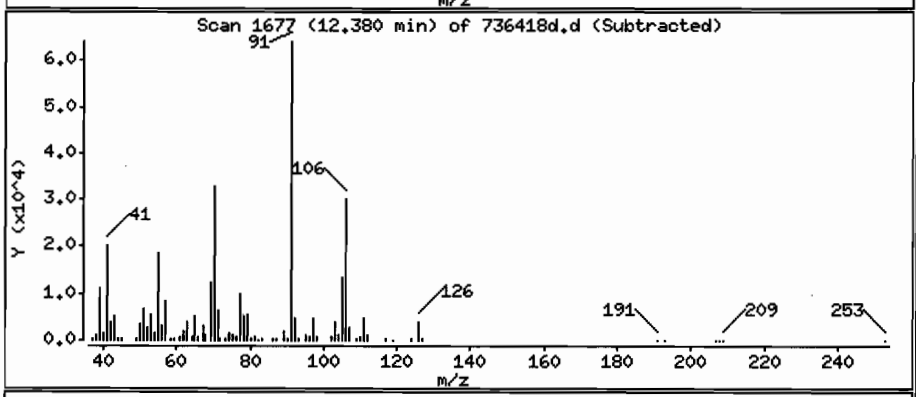
Column phase: RTX-624

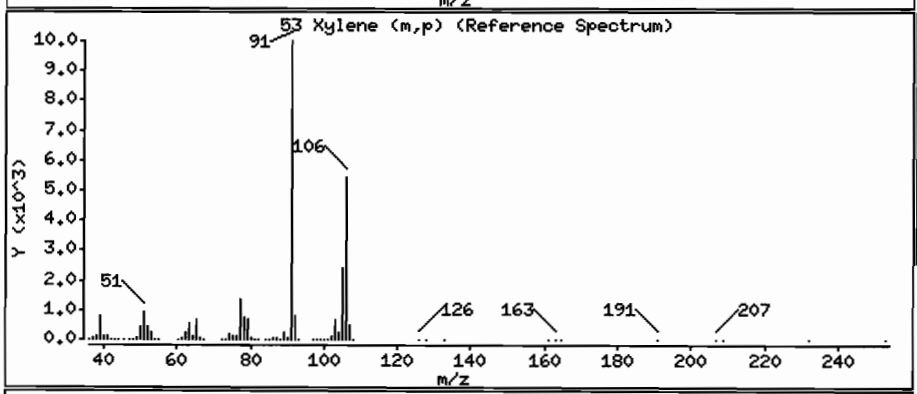
Column diameter: 0.32

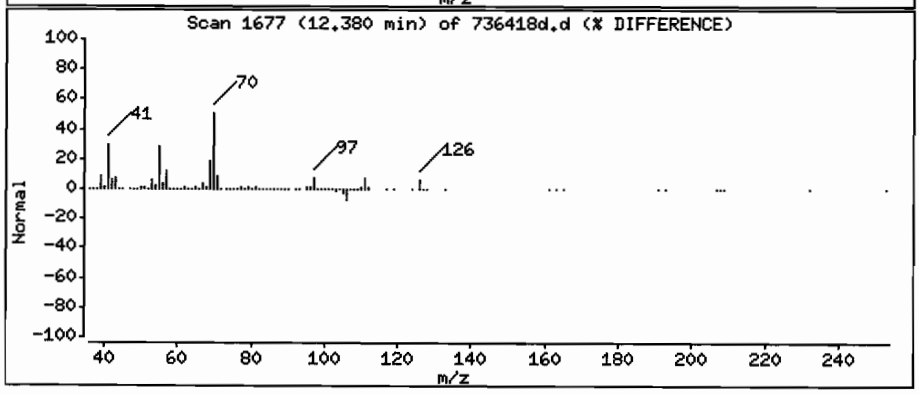
53 Xylene (m,p)

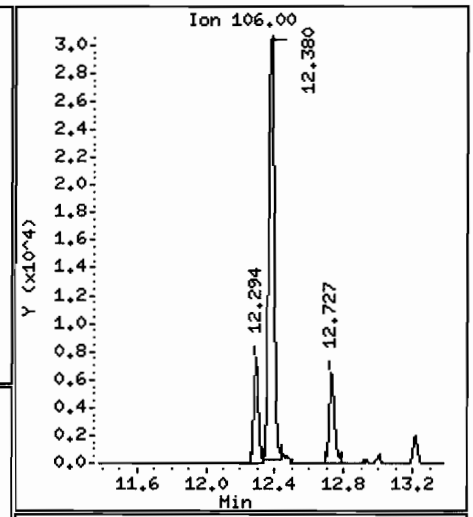
Concentration: 3.3 ppbv

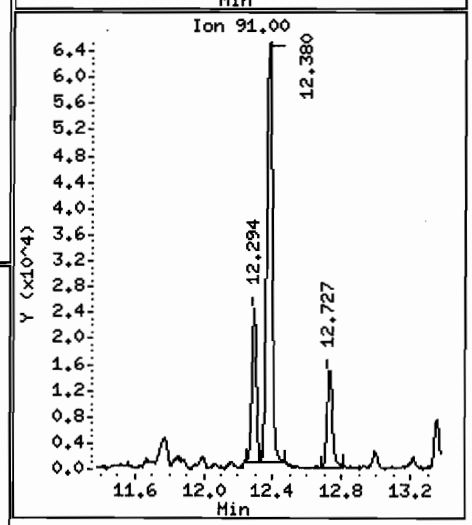












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219V
P-08V2.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736416

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 736416

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/27/07

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	1.8	
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	0.69	
156-59-2	cis-1,2-Dichloroethene	0.20	U
67-66-3	Chloroform	2.3	
71-55-6	1,1,1-Trichloroethane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
71-43-2	Benzene	1.3	
107-06-2	1,2-Dichloroethane	0.54	
79-01-6	Trichloroethene	0.31	
78-87-5	1,2-Dichloropropane	0.59	
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	9.5	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	4.2	
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	3.0	
1330-20-7	Xylene (m,p)	8.9	
95-47-6	Xylene (o)	2.7	
100-42-5	Styrene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219V
P-08V2.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736416

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 736416

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/27/07

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

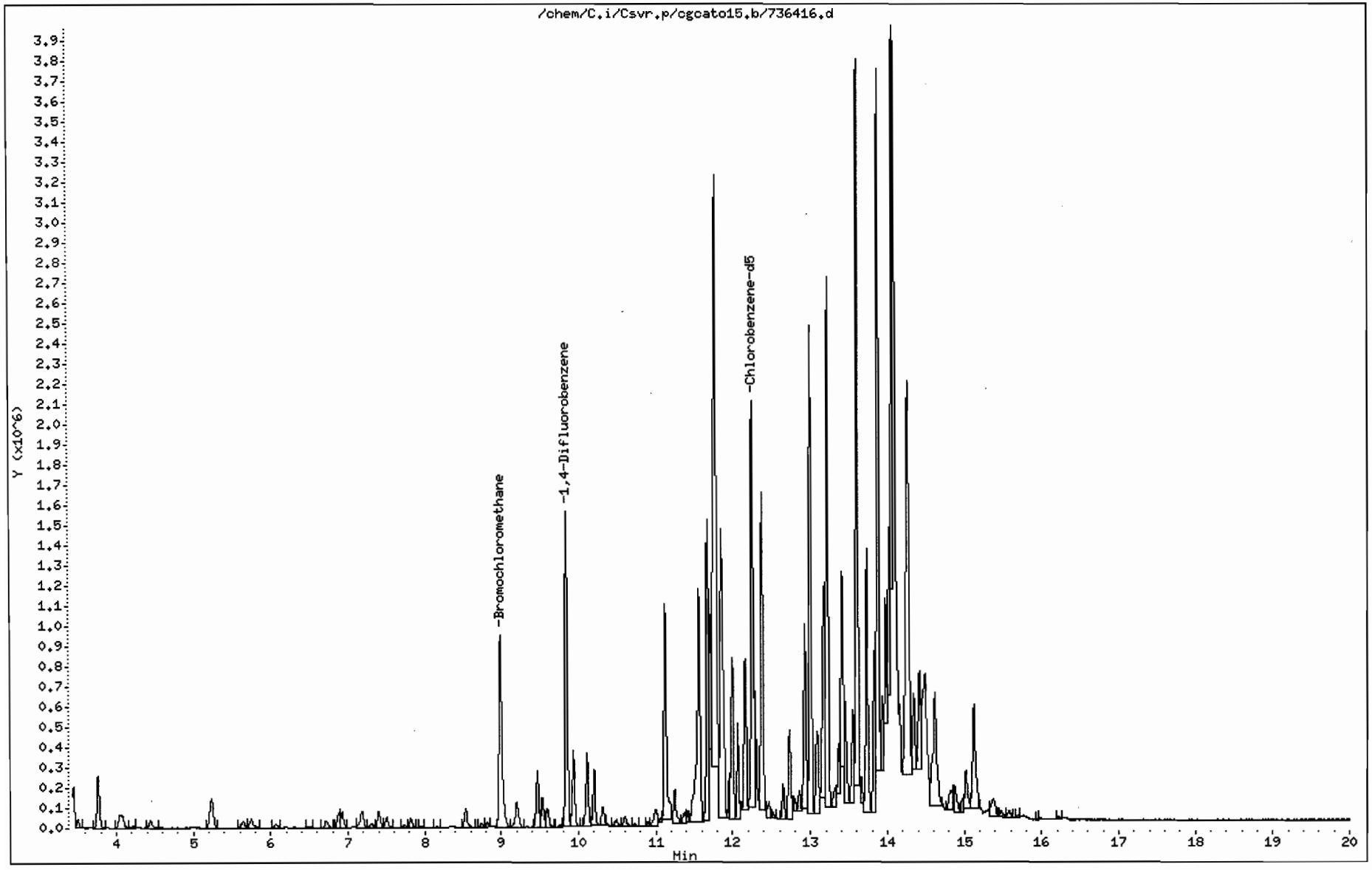
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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/C.i/Csvr.p/cgcato15.b/736416.d
Date : 27-DEC-2007 23:57
Client ID: 20071219VP-08V2.5 N
Sample Info: 20071219VP-08V2.5@N :[ ]12/19/07 @1240(AIR)
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcato15.b/736416.d
Lab Smp Id: 736416 Client Smp ID: 20071219VP-08V2.5 N
Inj Date : 27-DEC-2007 23:57
Operator : pad Inst ID: C.i
Smp Info : 20071219VP-08V2.5@N :[ ]12/19/07 @1240(AIR)
Misc Info : 736416;122707CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcato15.b/rto15.m
Meth Date : 02-Jan-2008 13:55 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 8
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)
3 Chloromethane	50	Compound Not Detected.					
4 Vinyl Chloride	62	Compound Not Detected.					
6 Bromomethane	94	Compound Not Detected.					
7 Chloroethane	64	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
12 Acetone	43	Compound Not Detected.					
14 Carbon Disulfide	76	6.925	6.925	(0.771)	132953	1.79318	1.8
16 Methylene Chloride	49	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	8.740	8.734	(0.973)	7062	0.69320	0.69(QM)
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	8.985	8.985	(1.000)	283920	10.0000	
27 Chloroform	83	9.023	9.023	(1.004)	150931	2.28992	2.3
28 1,1,1-Trichloroethane	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	30 Carbon Tetrachloride	117	Compound Not Detected.					
	32 Benzene	78	9.530	9.530	(0.969)	109024	1.27216	1.3
	33 1,2-Dichloroethane	62	9.594	9.594	(0.975)	24989	0.54060	0.54
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1259624	10.0000	
	36 Trichloroethene	95	10.074	10.074	(1.024)	12826	0.30971	0.31
	38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	16895	0.59465	0.59
	40 Bromodichloromethane	83	Compound Not Detected.					
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	43 Toluene	92	11.115	11.115	(0.907)	493374	9.53574	9.5
	44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	45 1,1,2-Trichloroethane	83	Compound Not Detected.					
	46 Tetrachloroethene	166	11.552	11.552	(0.943)	240583	4.24005	4.2
	47 Methyl Butyl Ketone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1213989	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	12.294	12.294	(1.003)	349539	2.97511	3.0
	53 Xylene (m,p)	106	12.380	12.380	(1.010)	445257	8.93426	8.9
	54 Xylene (o)	106	12.726	12.726	(1.039)	130685	2.65523	2.7
	56 Styrene	104	Compound Not Detected.					
	57 Bromoform	173	Compound Not Detected.					
	58 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/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.50N :[J12/19/07 @1240(AIR)

Purge Volume: 200.0

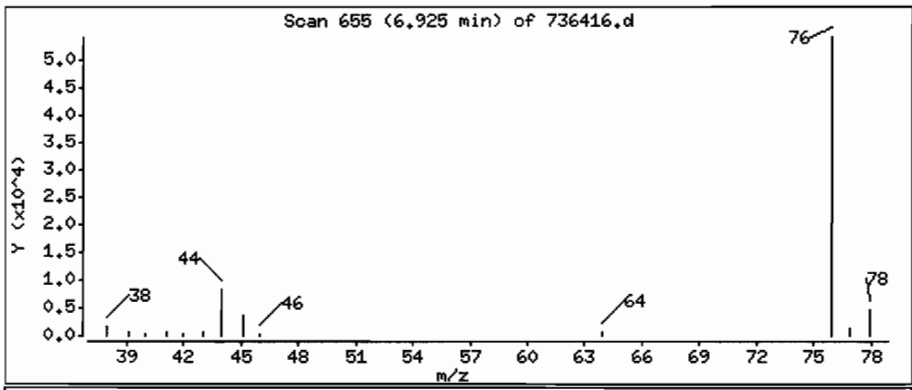
Operator: pad

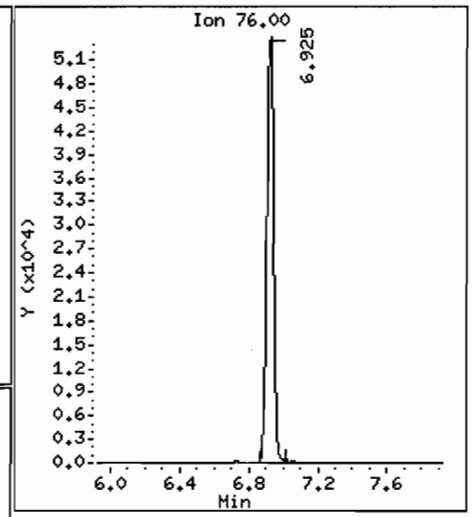
Column phase: RTX-624

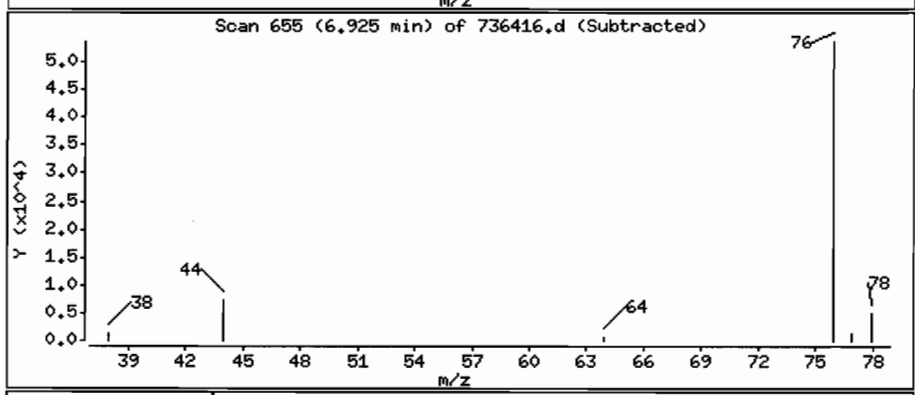
Column diameter: 0.32

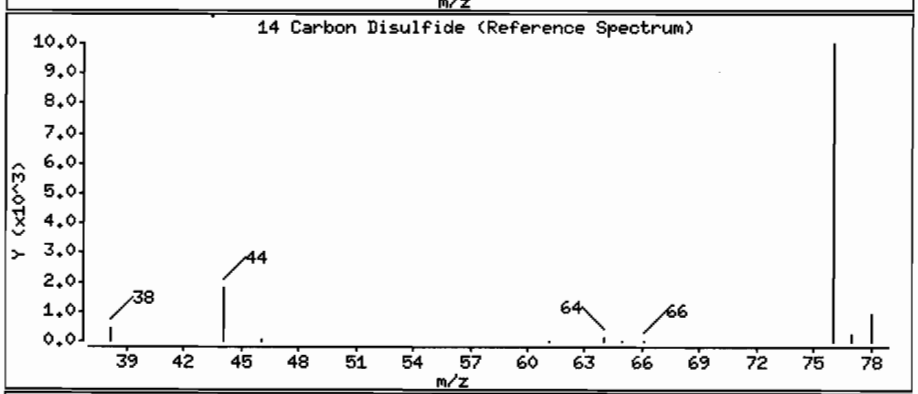
14 Carbon Disulfide

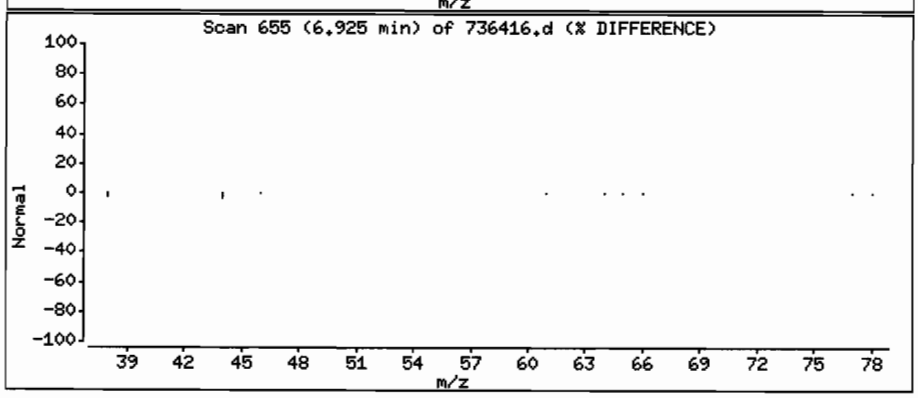
Concentration: 1.8 ppbv











Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.50N :[J12/19/07 @1240(AIR)

Purge Volume: 200.0

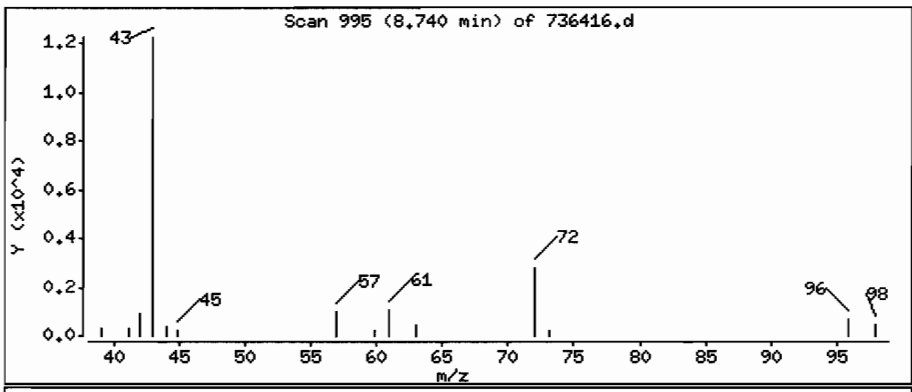
Operator: pad

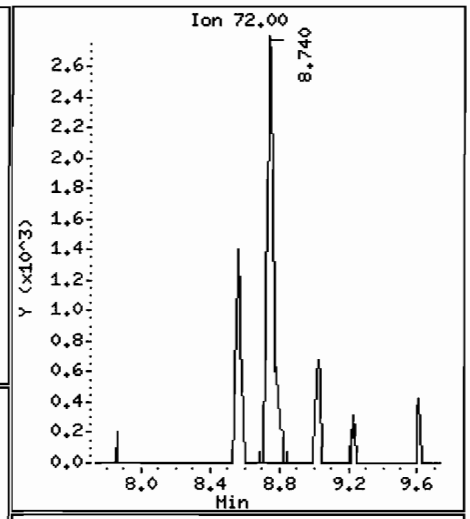
Column phase: RTX-624

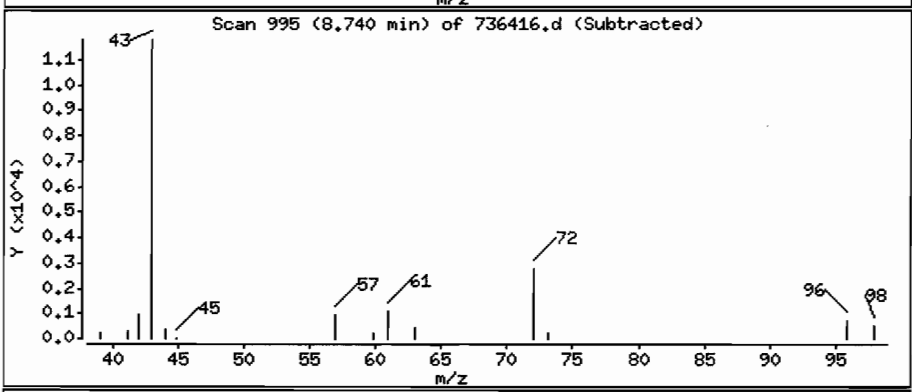
Column diameter: 0.32

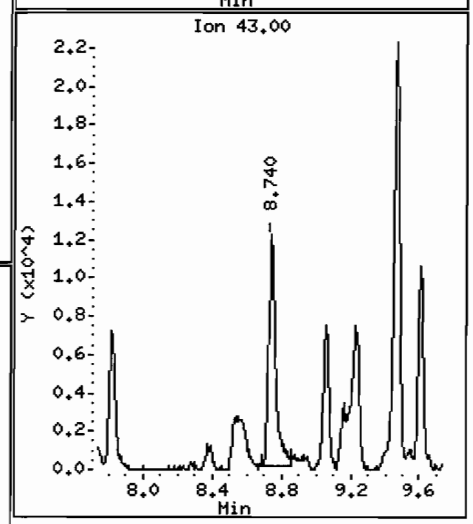
23 Methyl Ethyl Ketone

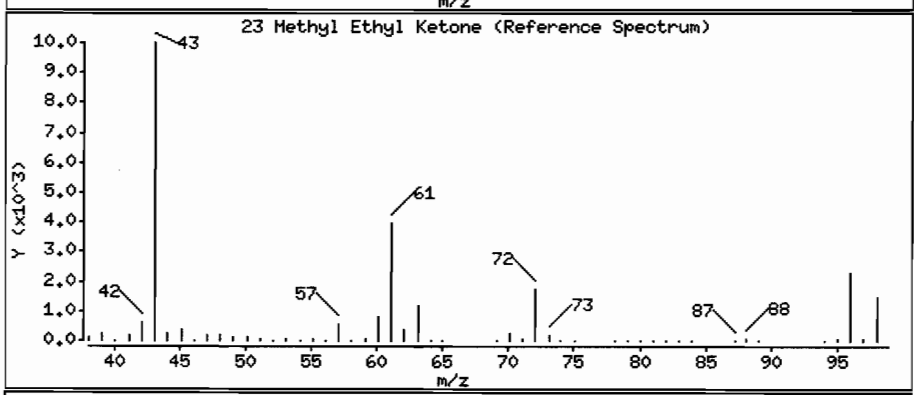
Concentration: 0.69 ppbv

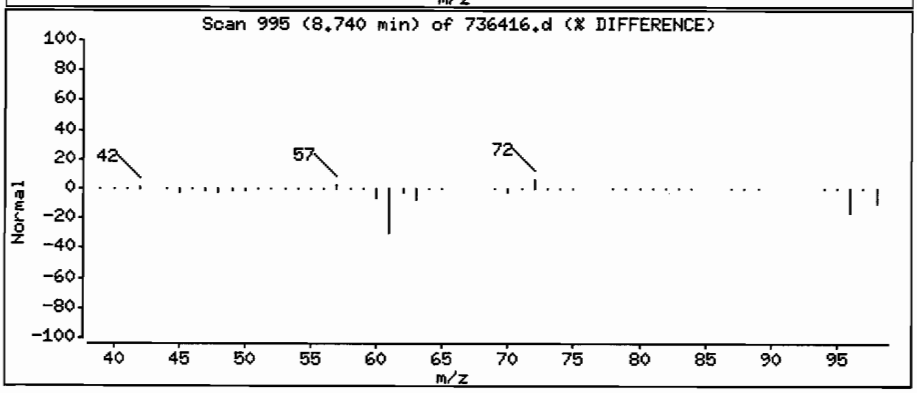












Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.5@N :[ ]12/19/07 @1240(AIR)

Purge Volume: 200.0

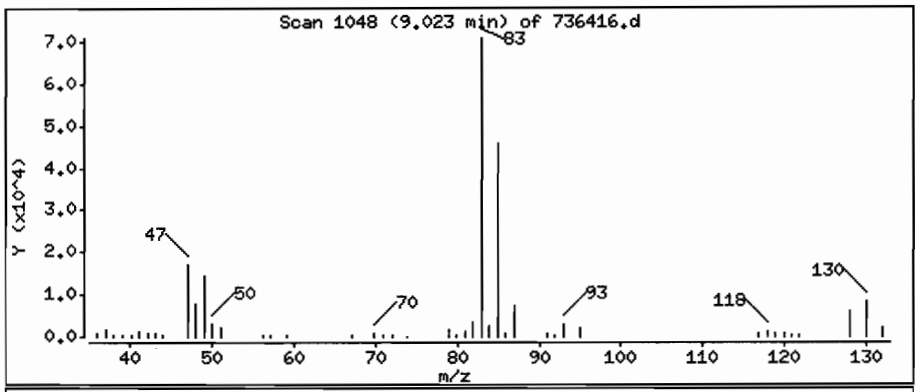
Operator: pad

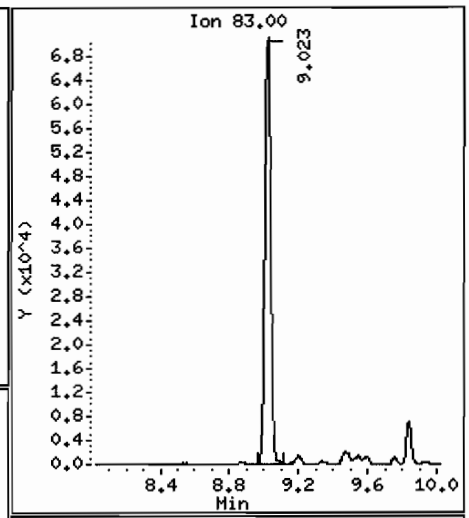
Column phase: RTX-624

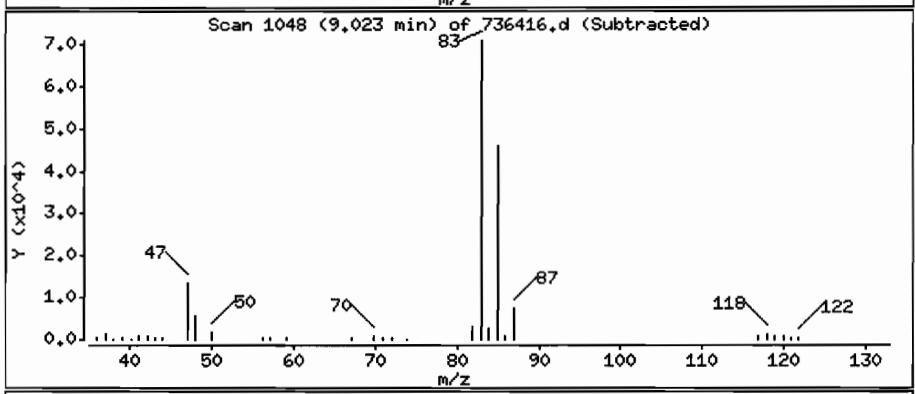
Column diameter: 0.32

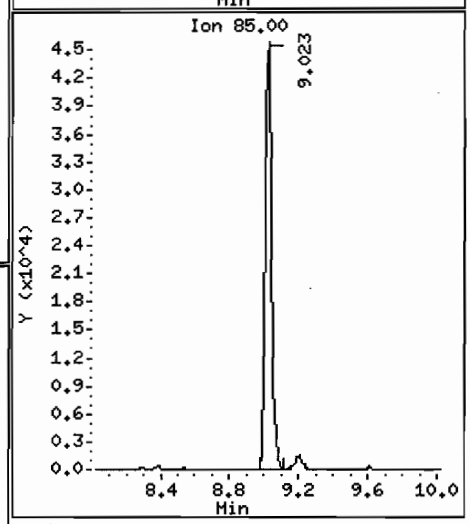
27 Chloroform

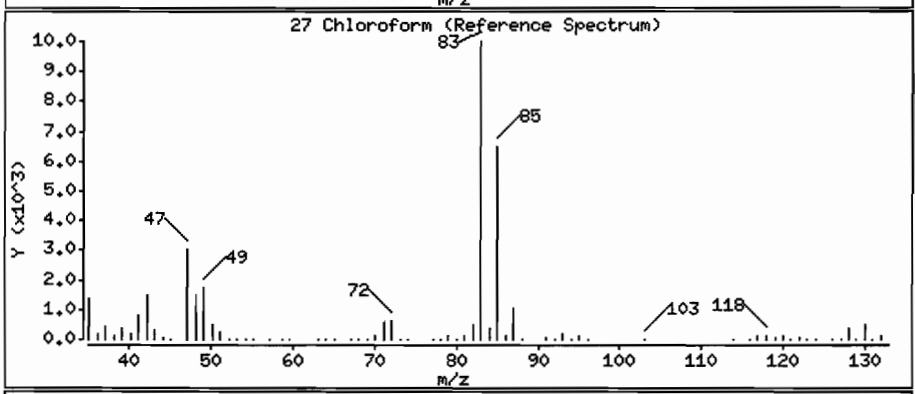
Concentration: 2.3 ppbv

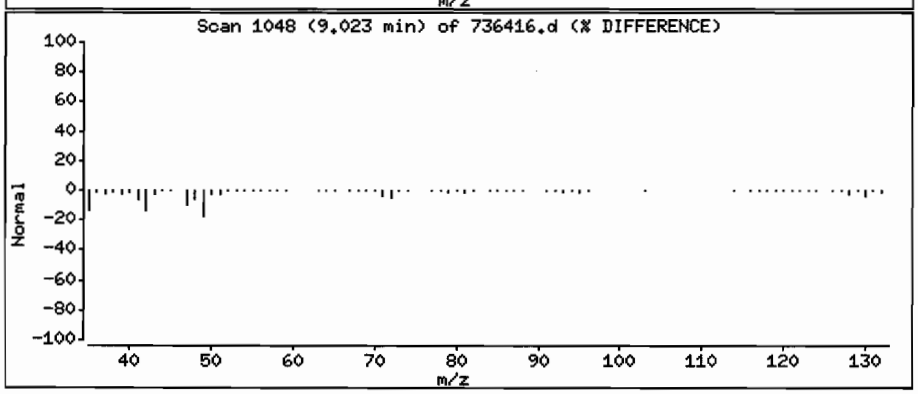












Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.5@N :[J12/19/07 @1240(AIR)

Purge Volume: 200.0

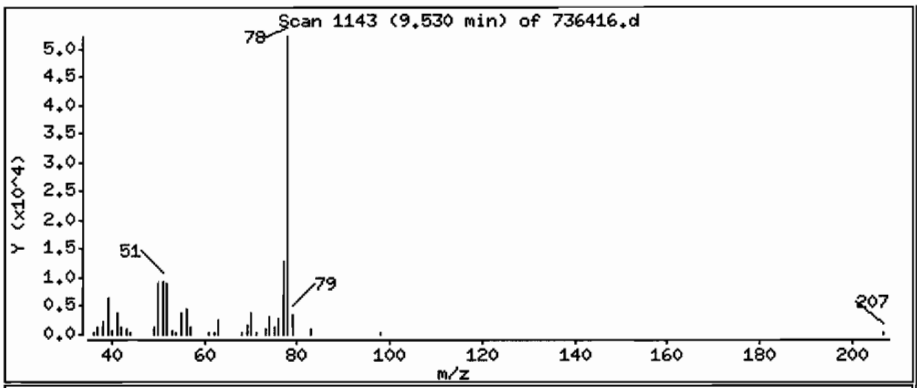
Operator: pad

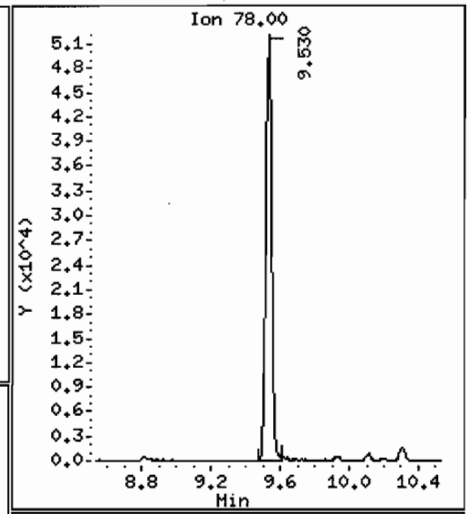
Column phase: RTX-624

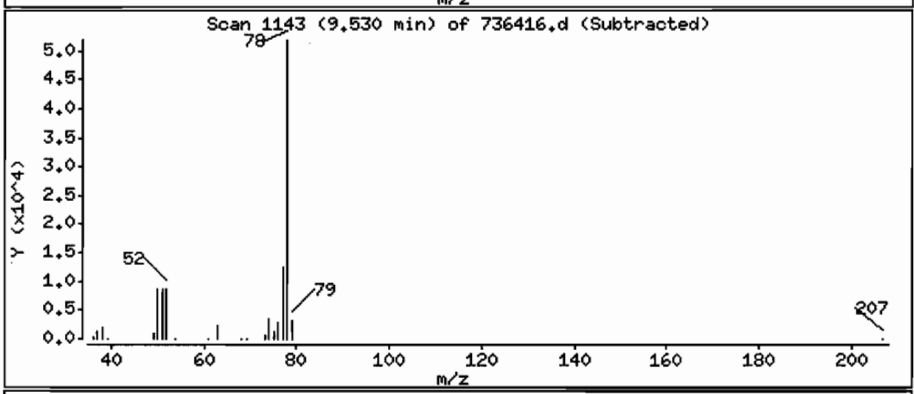
Column diameter: 0.32

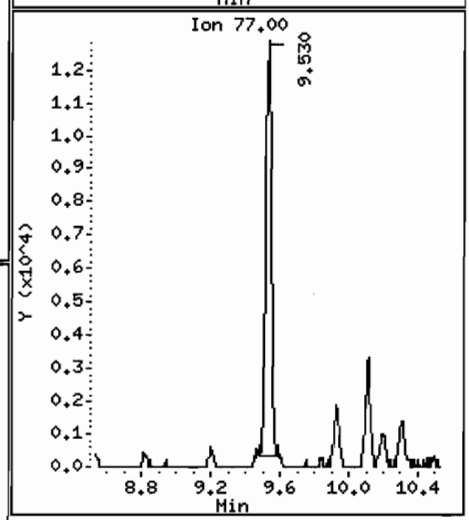
32 Benzene

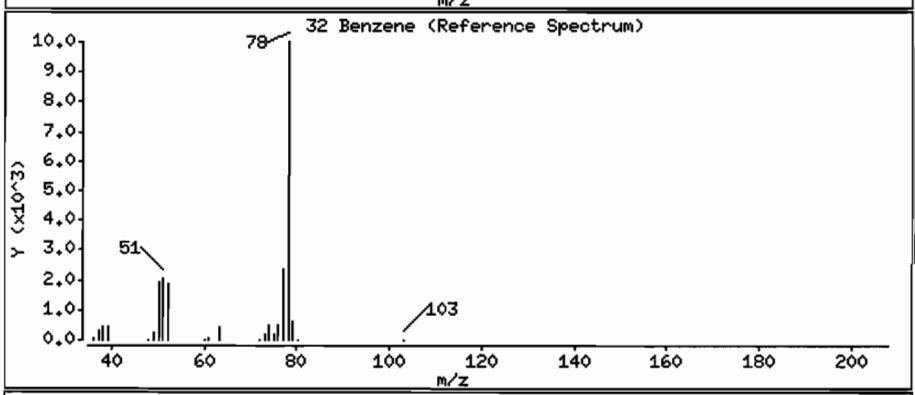
Concentration: 1.3 ppbv

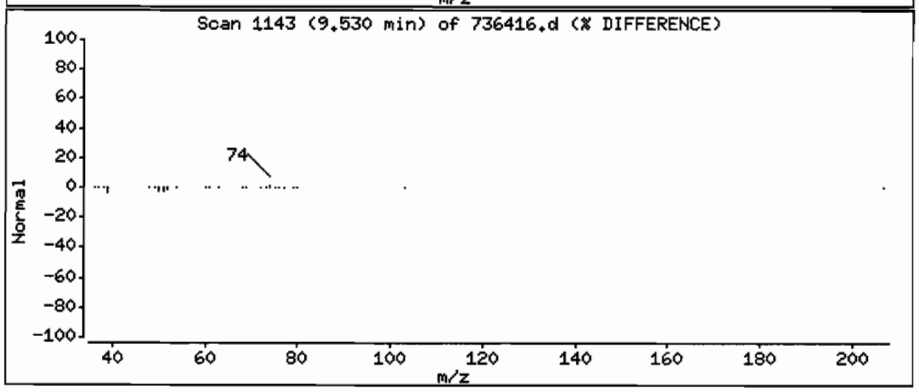












Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.5@N :[ ]12/19/07 @1240(AIR)

Purge Volume: 200.0

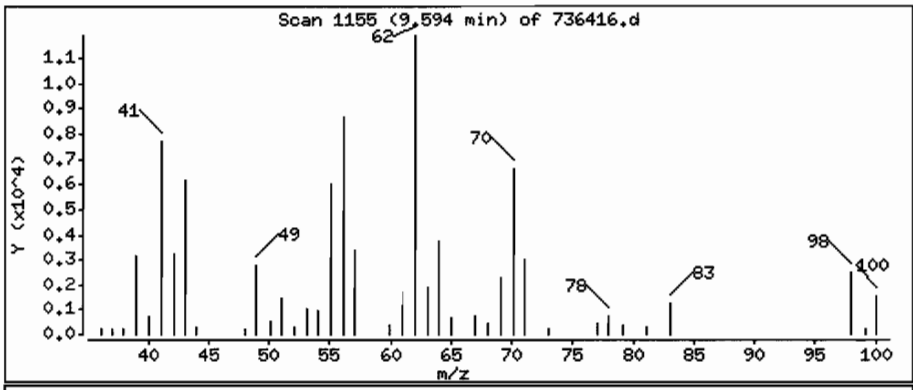
Operator: pad

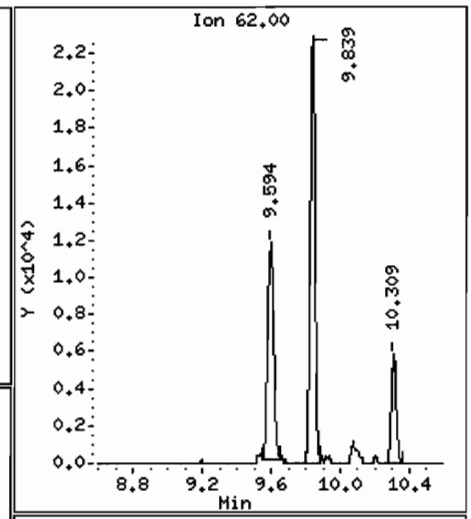
Column phase: RTX-624

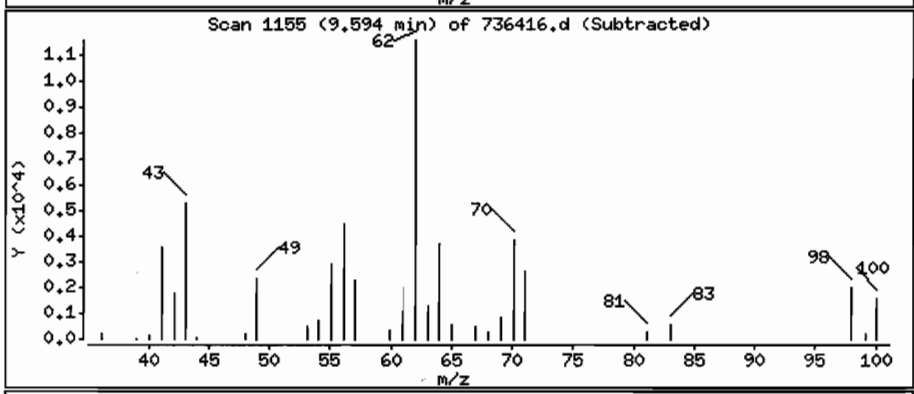
Column diameter: 0.32

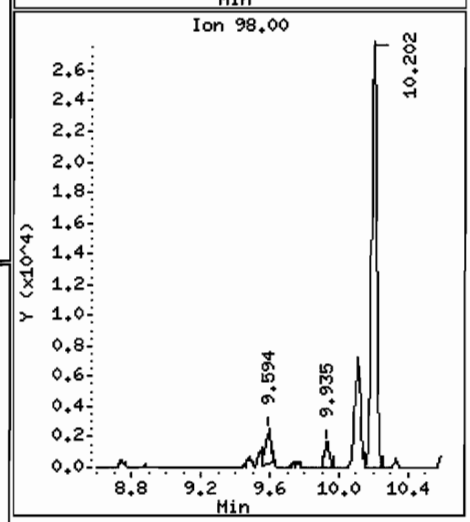
33 1,2-Dichloroethane

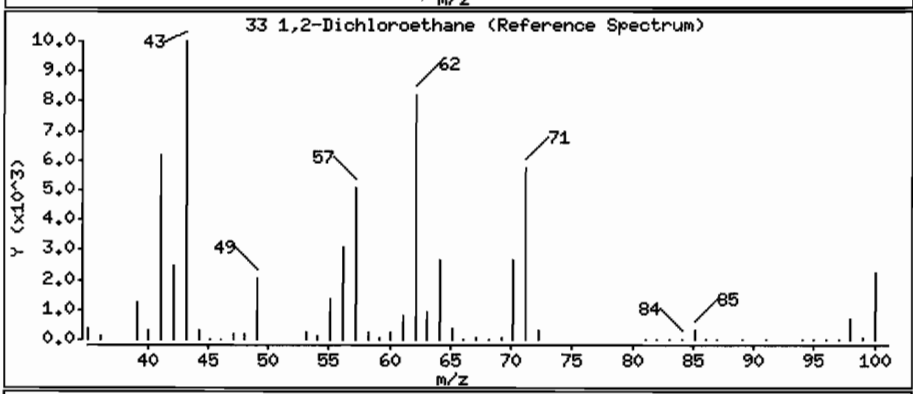
Concentration: 0.54 ppbv

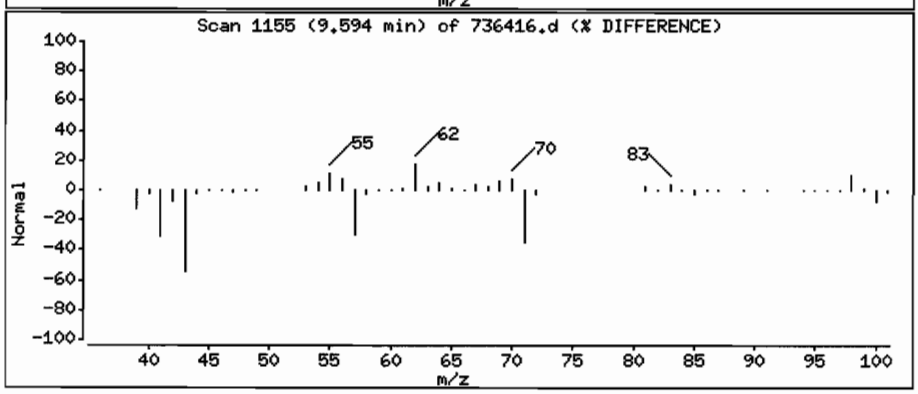












Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.5@N :[ ]12/19/07 @1240(AIR)

Purge Volume: 200.0

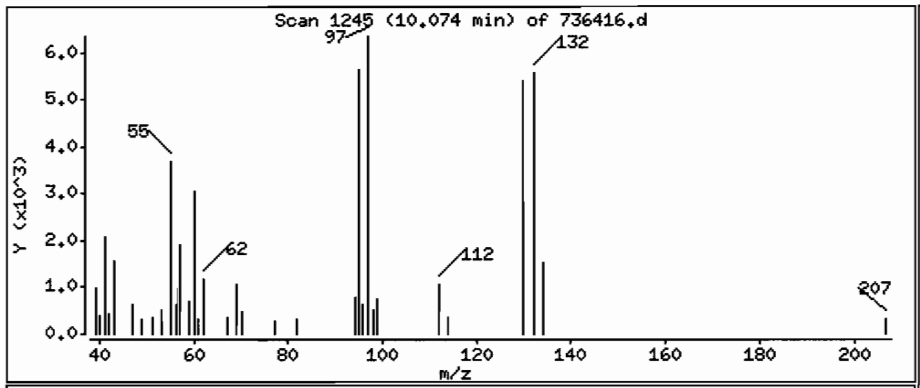
Operator: pad

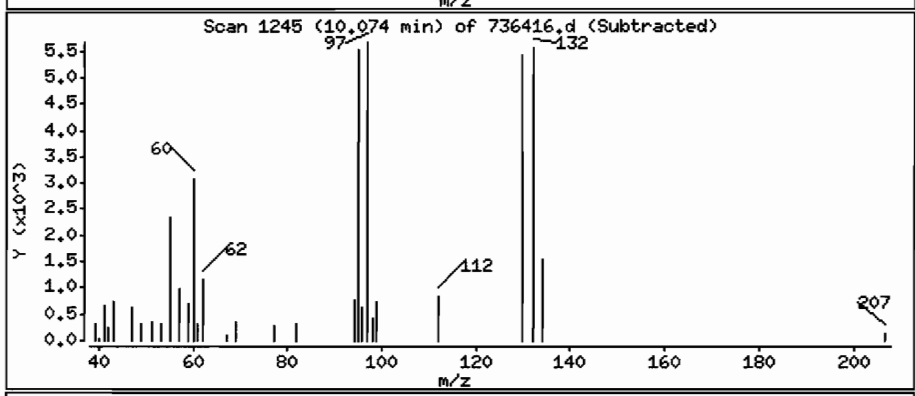
Column phase: RTX-624

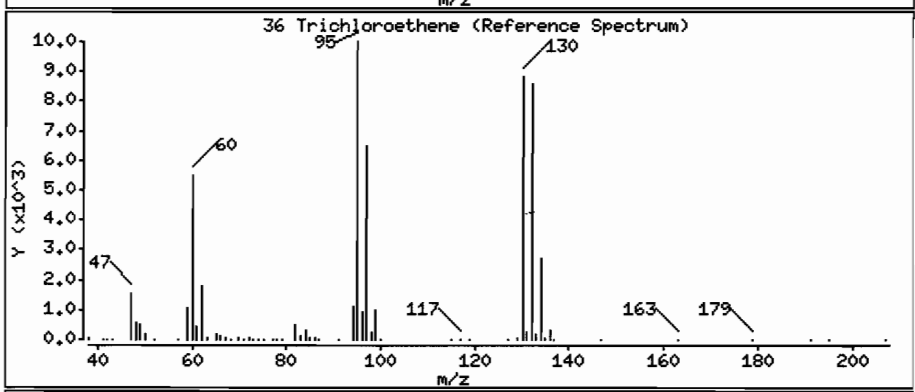
Column diameter: 0.32

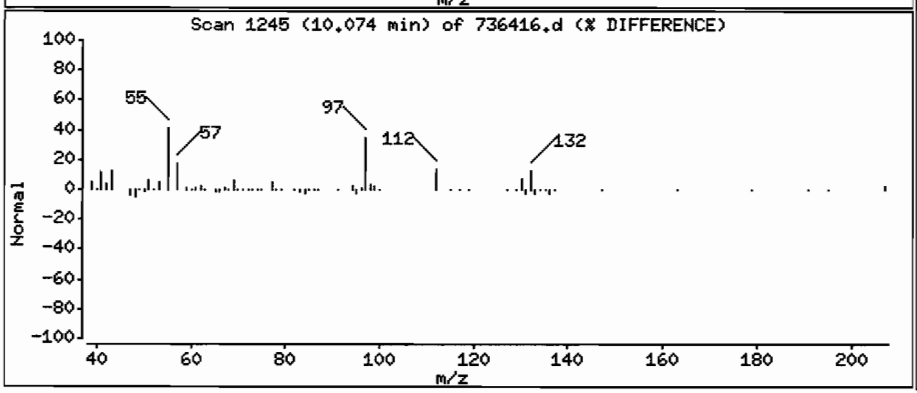
36 Trichloroethene

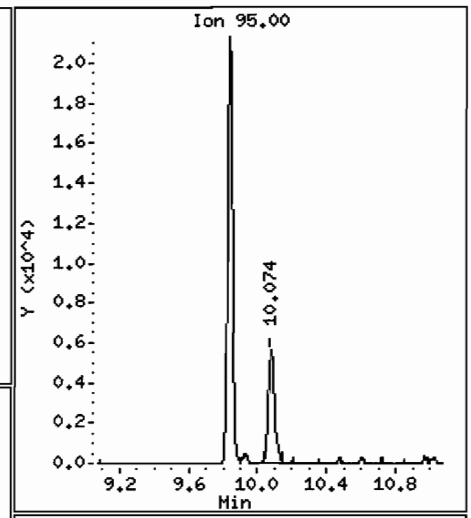
Concentration: 0.31 ppbv

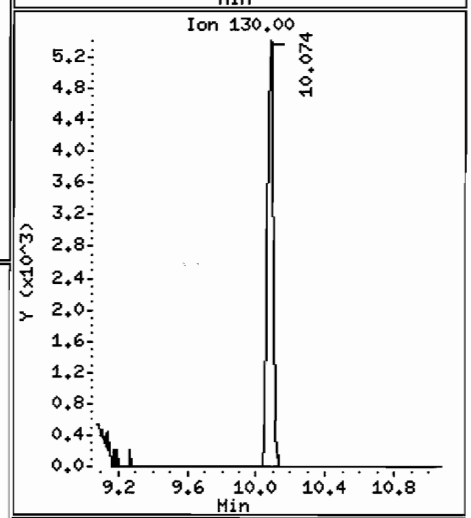


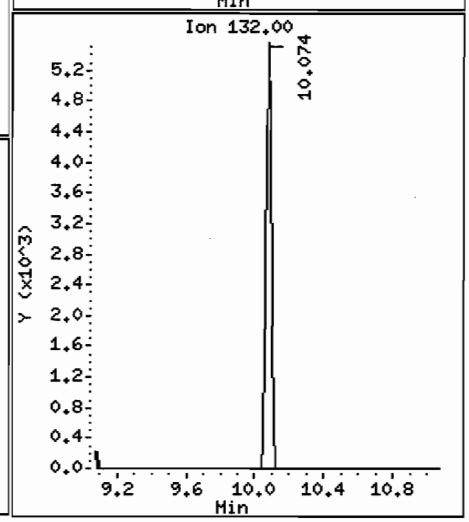












Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.5@N :[ ]12/19/07 @1240(AIR)

Purge Volume: 200.0

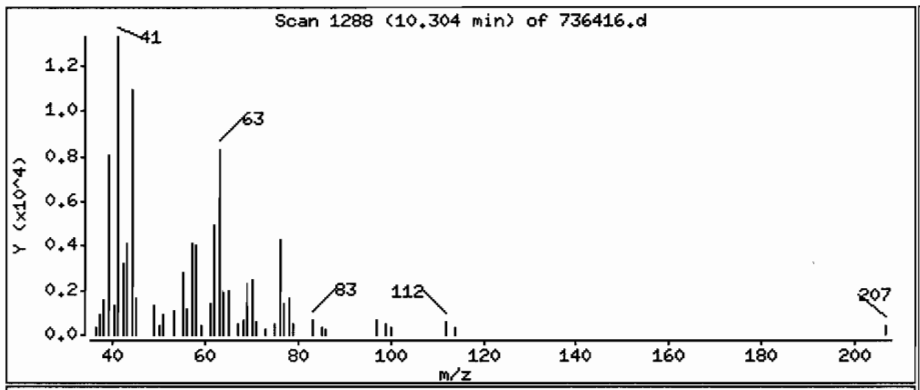
Operator: pad

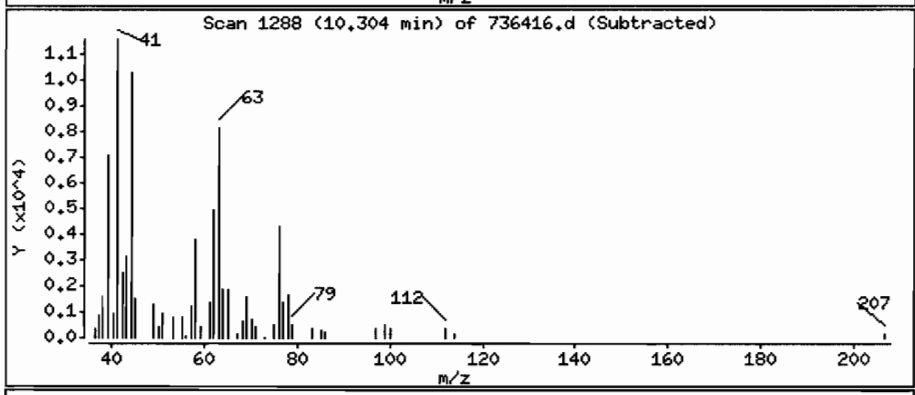
Column phase: RTX-624

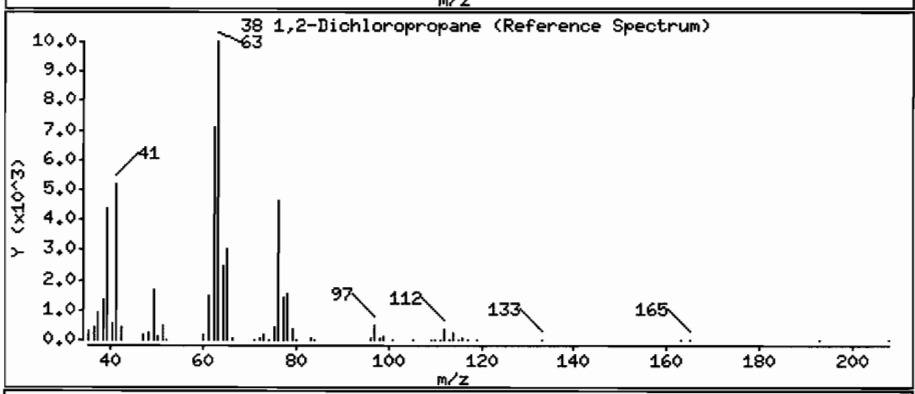
Column diameter: 0.32

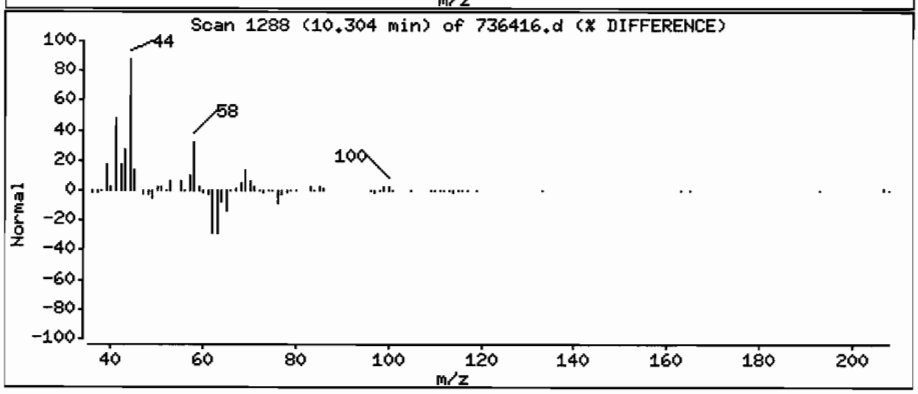
38 1,2-Dichloropropane

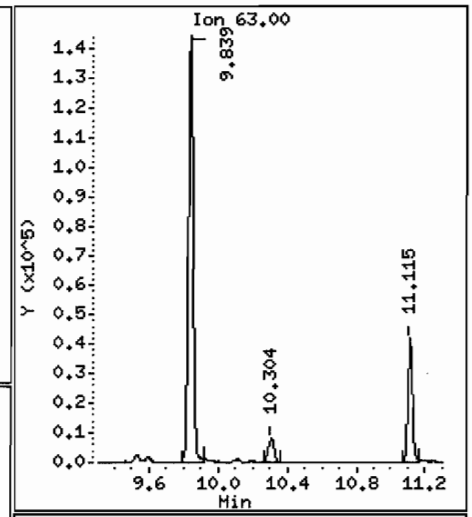
Concentration: 0.59 ppbv

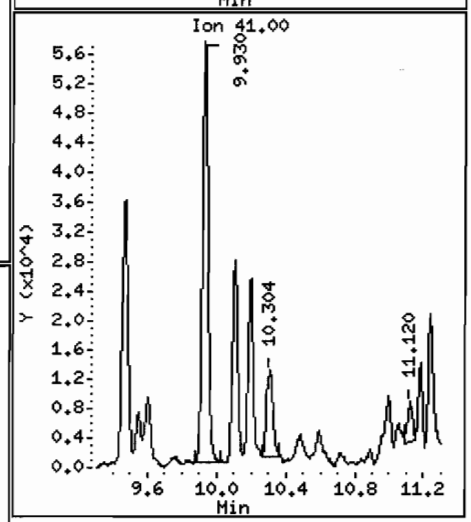












Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.5@N :[J12/19/07 @1240(AIR)

Purge Volume: 200.0

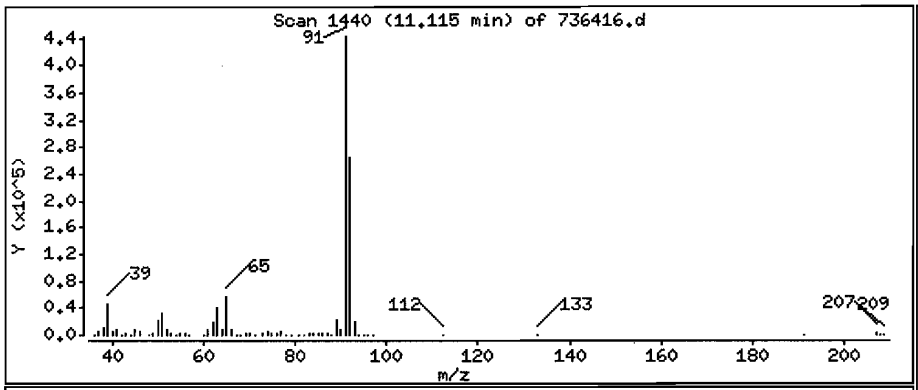
Operator: pad

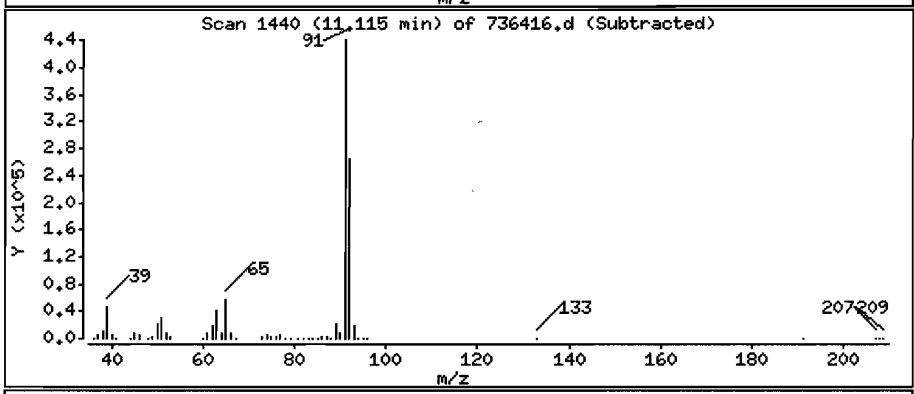
Column phase: RTX-624

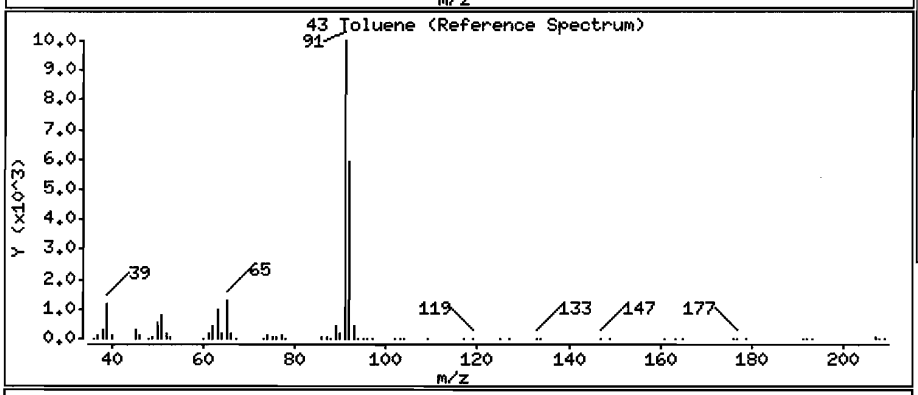
Column diameter: 0.32

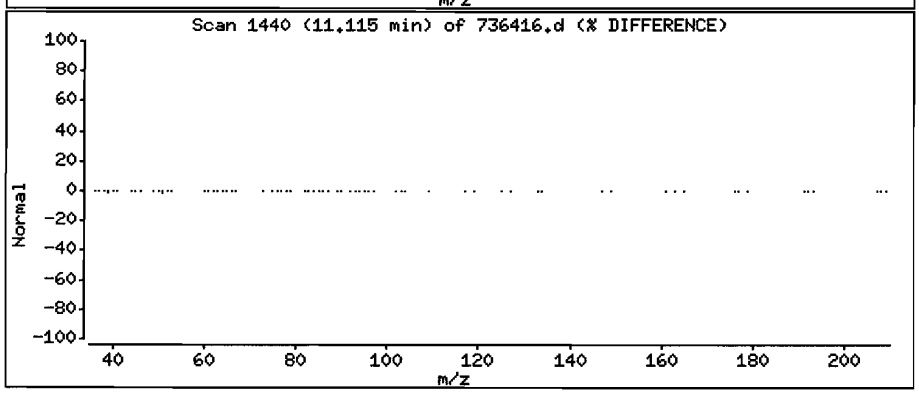
43 Toluene

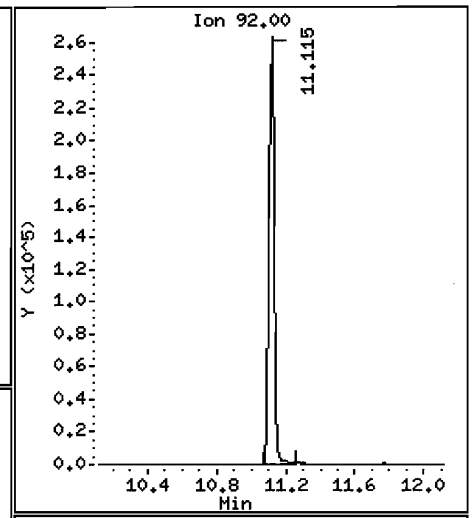
Concentration: 9.5 ppbv

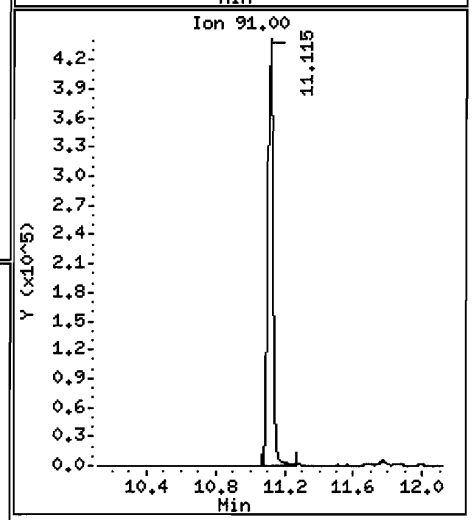












Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.5@N :[ ]12/19/07 @1240(AIR)

Purge Volume: 200.0

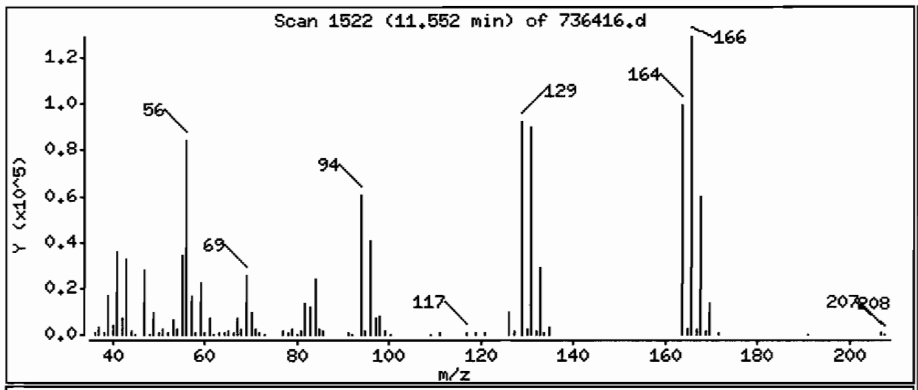
Operator: pad

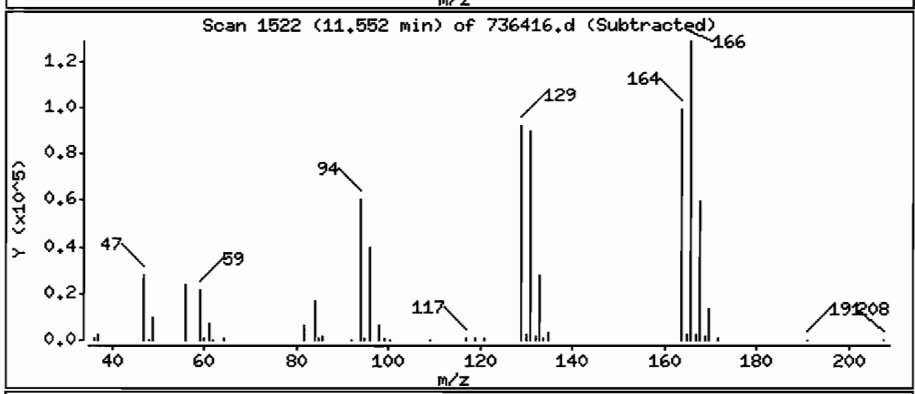
Column phase: RTX-624

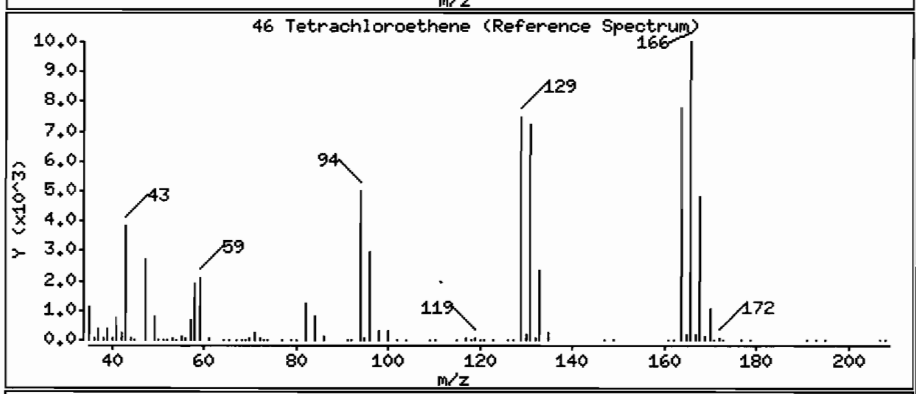
Column diameter: 0.32

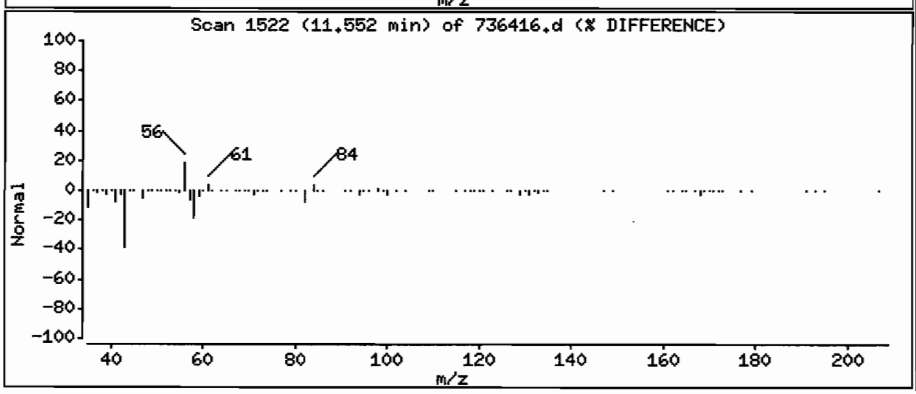
46 Tetrachloroethene

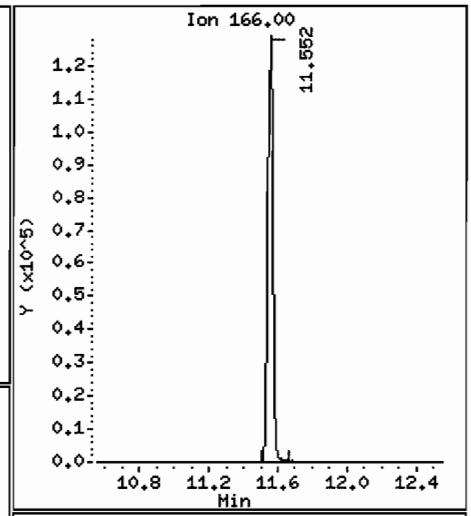
Concentration: 4.2 ppbv

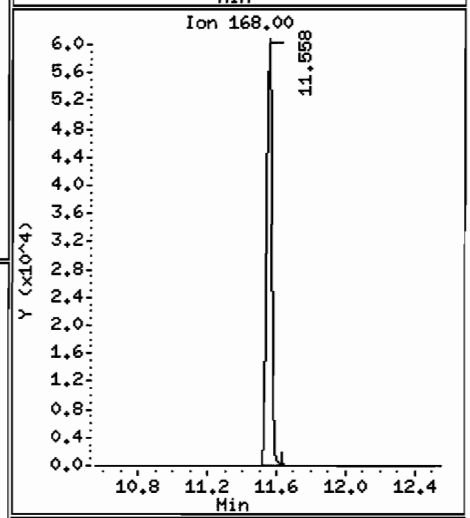


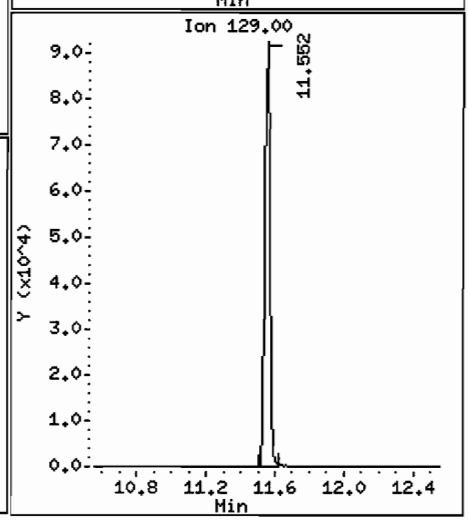












Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.5@N :[ ]12/19/07 @1240(AIR)

Purge Volume: 200.0

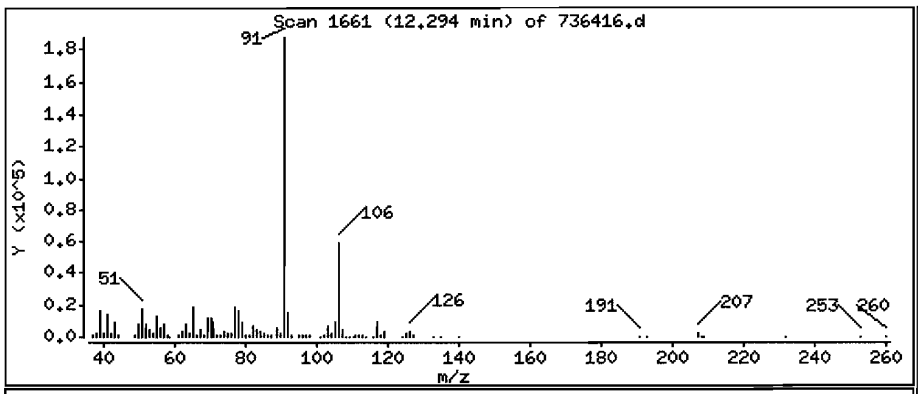
Operator: pad

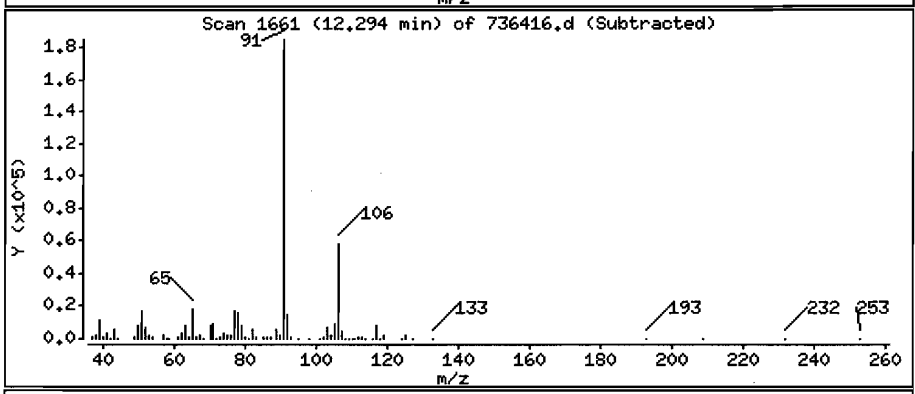
Column phase: RTX-624

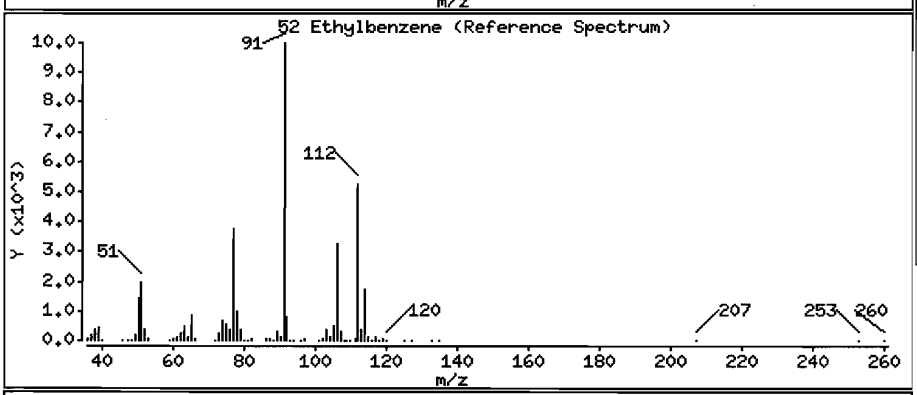
Column diameter: 0.32

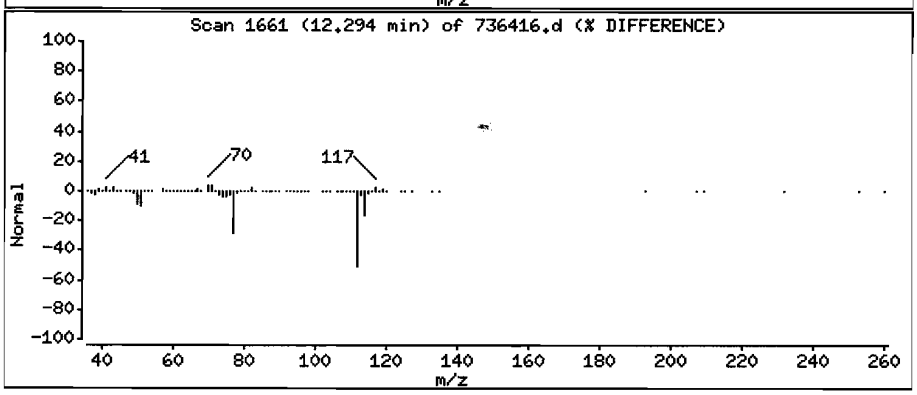
52 Ethylbenzene

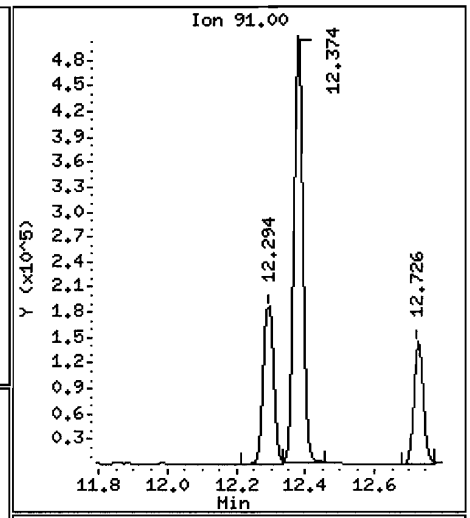
Concentration: 3.0 ppbv

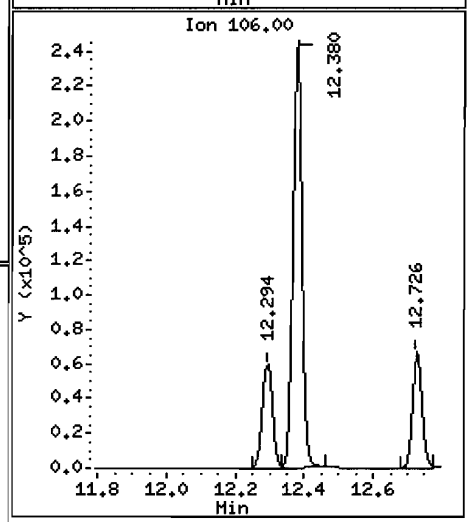












Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.50N :[J12/19/07 @1240(AIR)

Purge Volume: 200.0

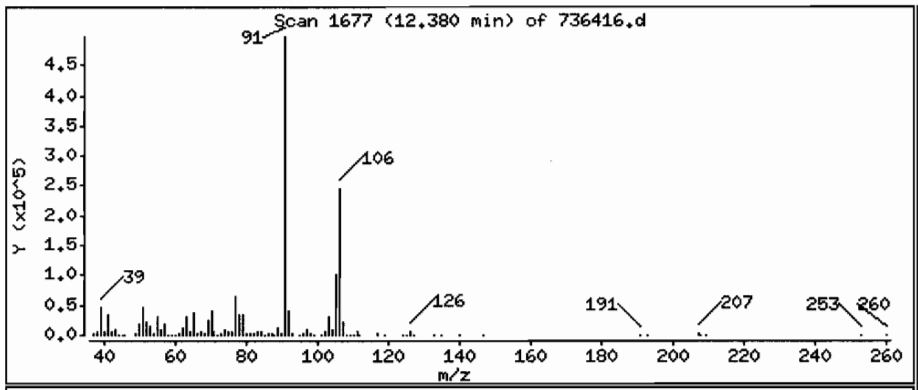
Operator: pad

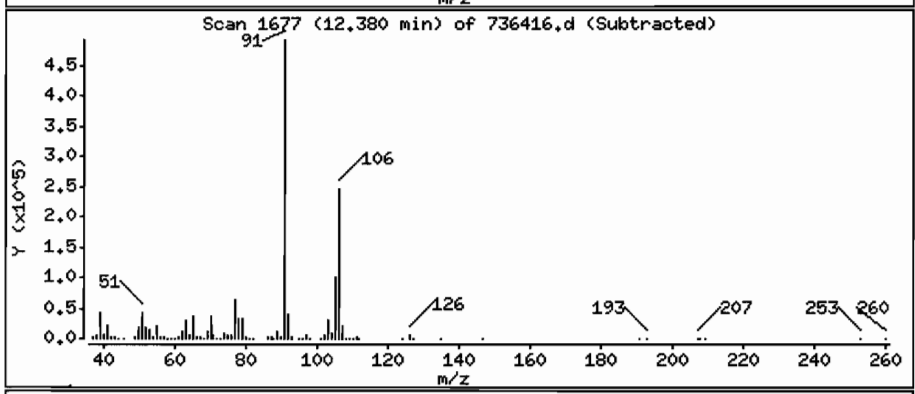
Column phase: RTX-624

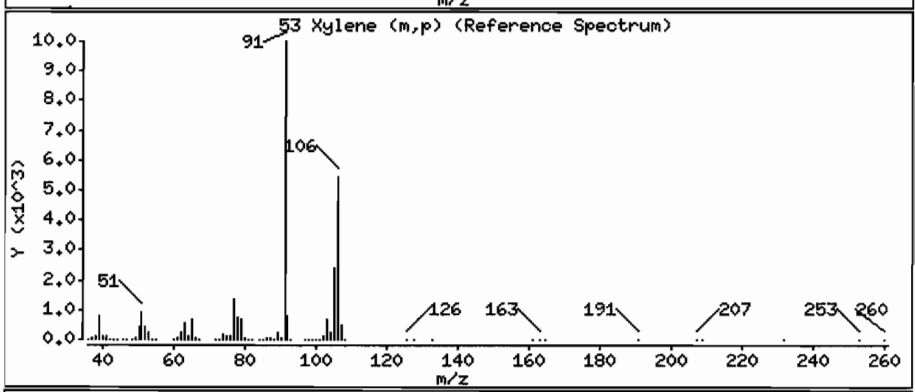
Column diameter: 0.32

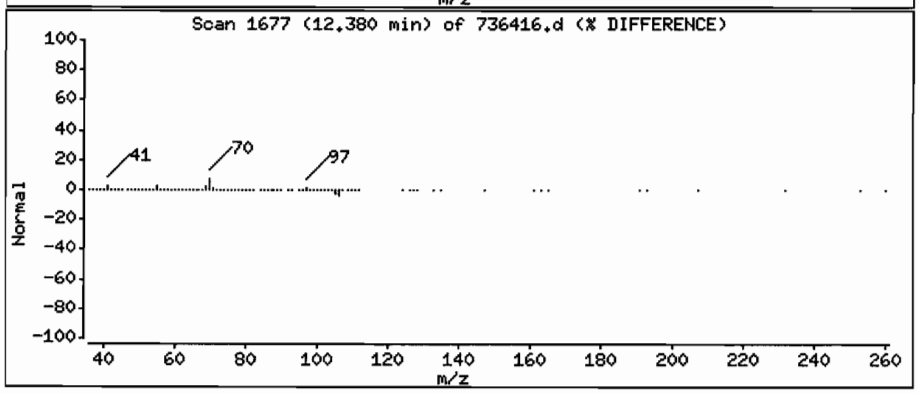
53 Xylene (m,p)

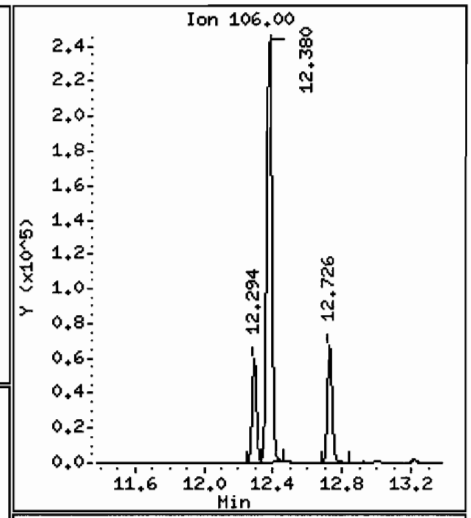
Concentration: 8.9 ppbv

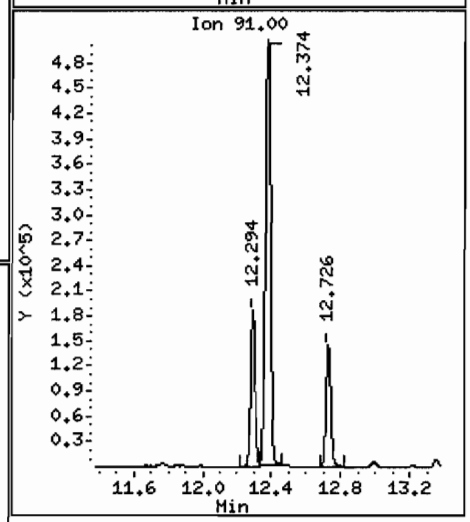












Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d

Date : 27-DEC-2007 23:57

Client ID: 20071219VP-08V2.5 N

Instrument: C.i

Sample Info: 20071219VP-08V2.5@N :[ ]12/19/07 @1240(AIR)

Purge Volume: 200.0

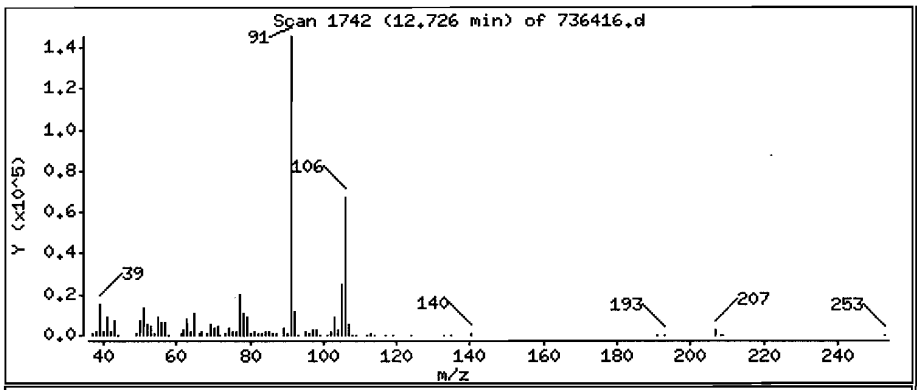
Operator: pad

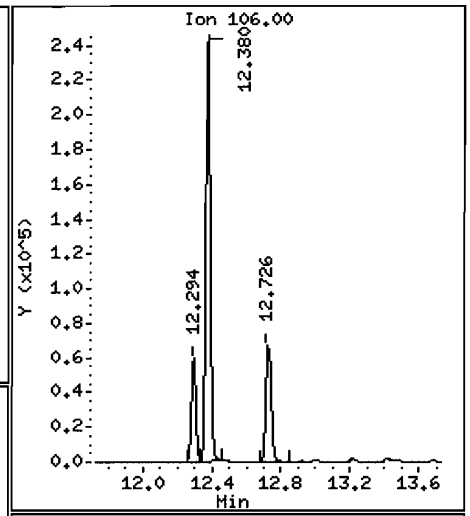
Column phase: RTX-624

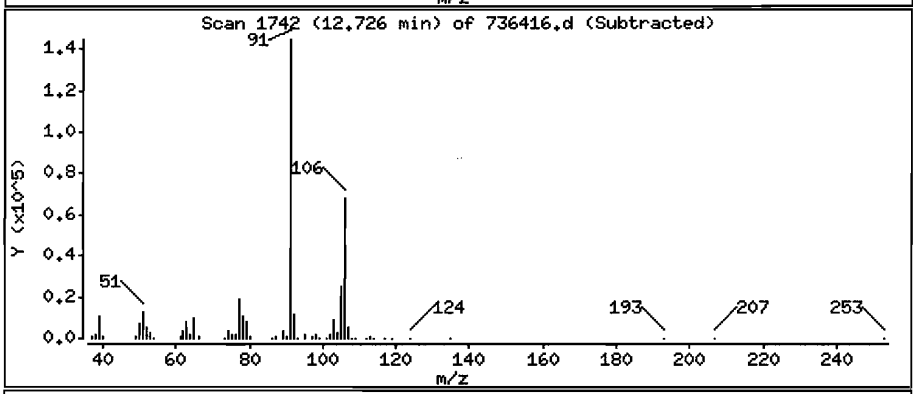
Column diameter: 0.32

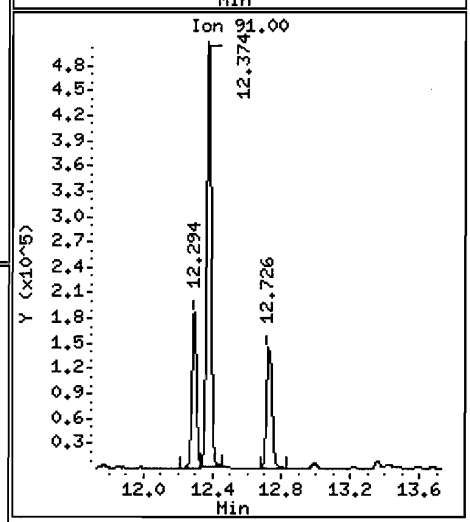
54 Xylene (o)

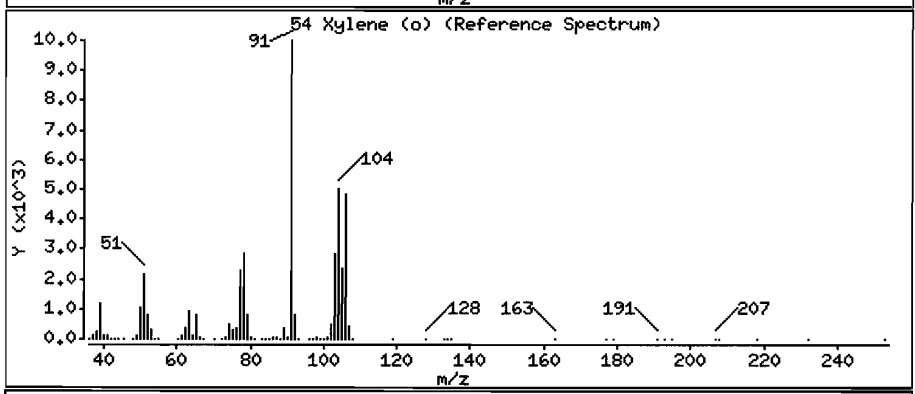
Concentration: 2.7 ppbv

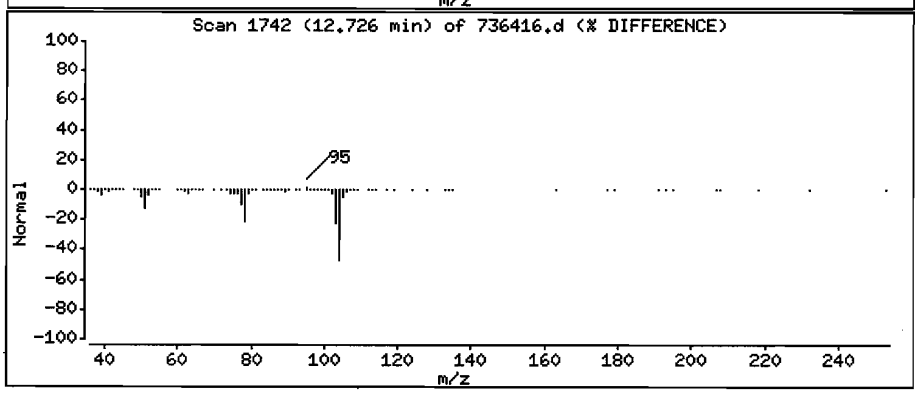










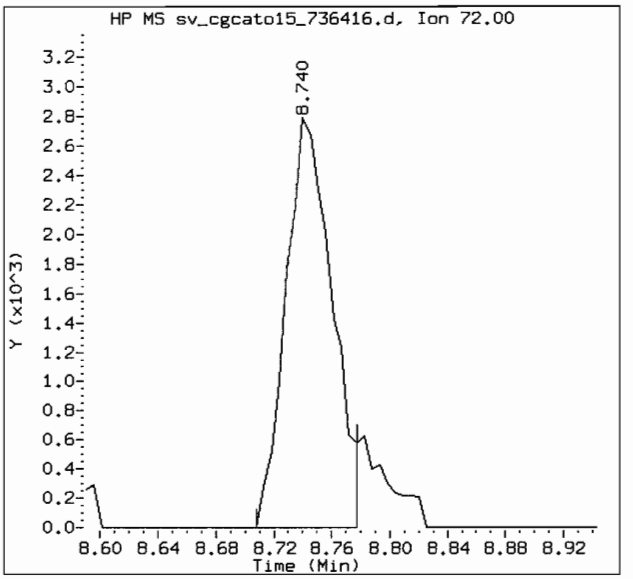


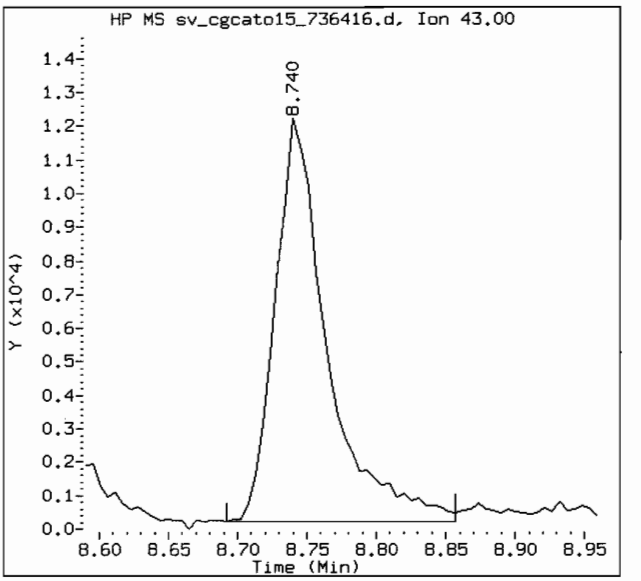
MANUAL INTEGRATION REPORT

Data File Name: 736416.d
Client Sample ID: 20071219VP-08V2.5 N
Compound Name: Methyl Ethyl Ketone

Inj. Date and Time: 27-DEC-2007 23:57
Instrument ID: C.i
CAS #: 78-93-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 01/02/2008 13:56





Original Integrations:

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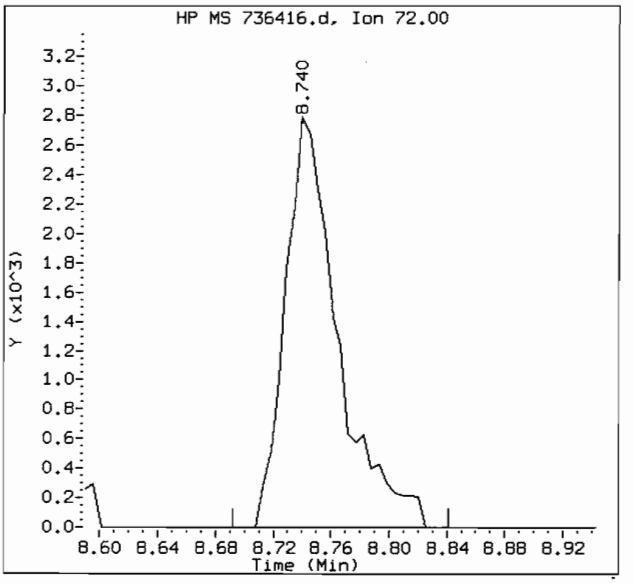
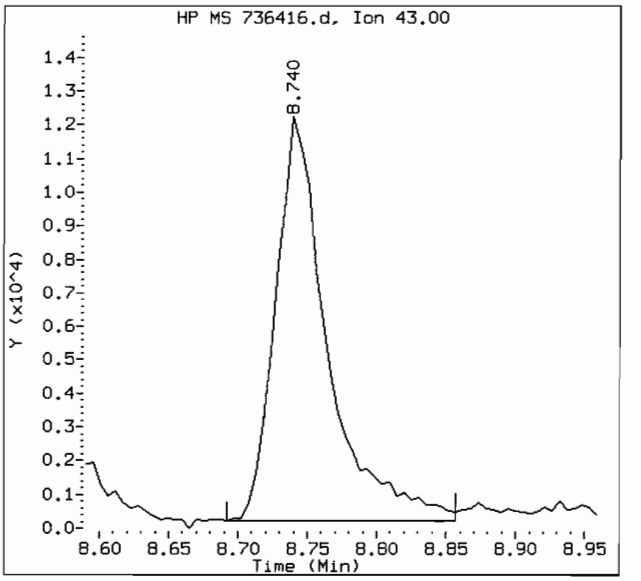
Area = 31053





Final Integrations:

Area = 7062

Area = 31053

Manual Integration Reason: MI1 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219V
P-10V2.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736415

Sample wt/vol: 17.00 (g/mL) ML Lab File ID: 736415D

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/27/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 11.8

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	2.4	U
74-83-9	Bromomethane	2.4	U
75-00-3	Chloroethane	5.9	U
75-35-4	1,1-Dichloroethene	2.4	U
67-64-1	Acetone	59	U
75-15-0	Carbon Disulfide	42	
75-09-2	Methylene Chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	2.4	U
75-34-3	1,1-Dichloroethane	2.4	U
78-93-3	Methyl Ethyl Ketone	5.9	U
156-59-2	cis-1,2-Dichloroethene	2.4	U
67-66-3	Chloroform	2.4	U
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	2.4	U
79-01-6	Trichloroethene	2.4	U
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	5.9	U
108-88-3	Toluene	370	
10061-02-6	trans-1,3-Dichloropropene	2.4	U
79-00-5	1,1,2-Trichloroethane	2.4	U
127-18-4	Tetrachloroethene	9.0	
591-78-6	Methyl Butyl Ketone	5.9	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)	6.3	
95-47-6	Xylene (o)	2.7	
100-42-5	Styrene	2.4	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219V
P-10V2.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736415

Sample wt/vol: 17.00 (g/mL) ML Lab File ID: 736415D

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/27/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 11.8

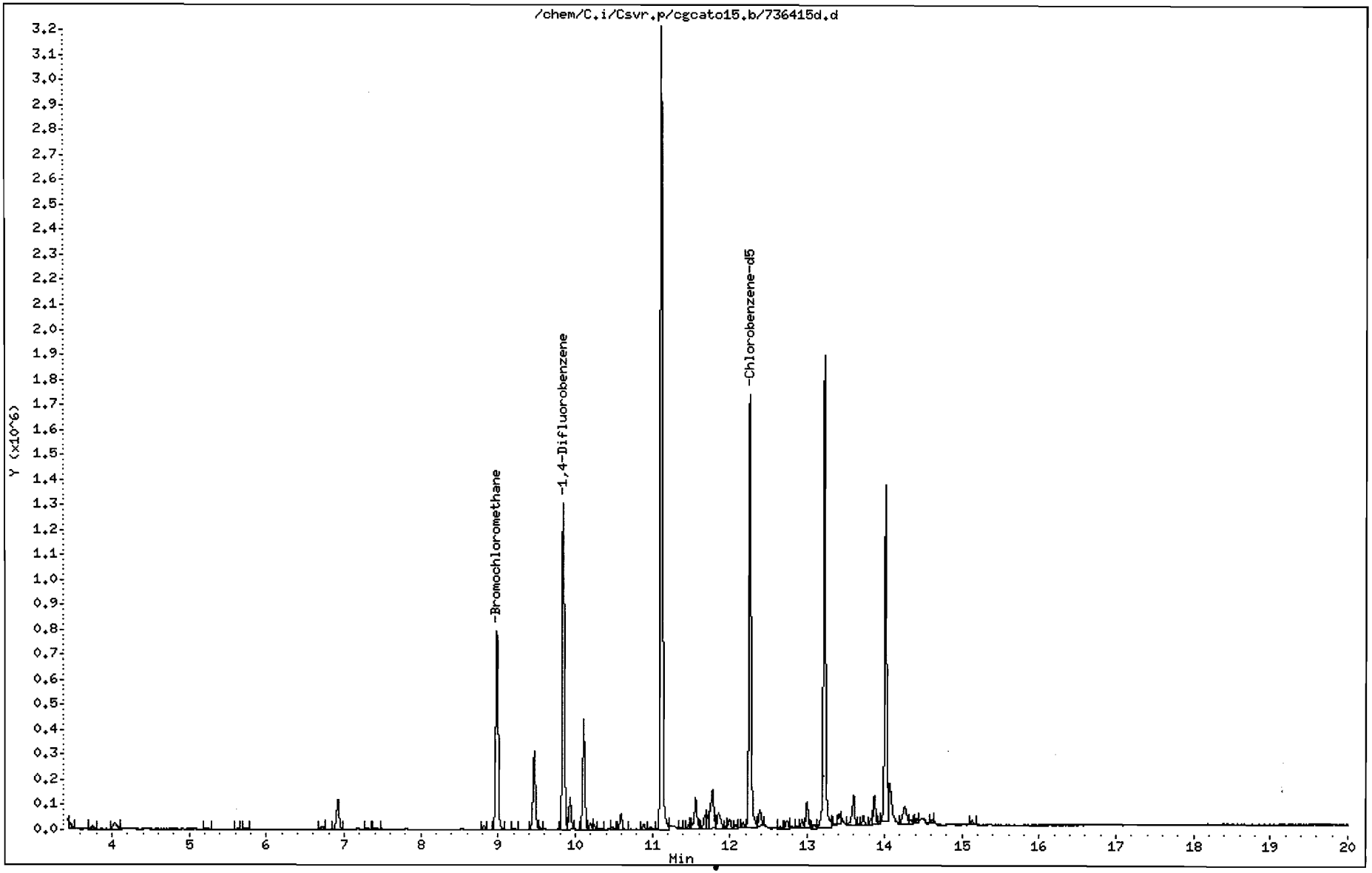
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcato15.b/736415d.d
Date : 27-DEC-2007 23:07
Client ID: 20071219VP-10V2.5 N
Sample Info: 20071219VP-10V2.5@N :[ ]12/19/07 @1047(AIR)
Purge Volume: 17.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcato15.b/736415d.d
Lab Smp Id: 736415 Client Smp ID: 20071219VP-10V2.5 N
Inj Date : 27-DEC-2007 23:07
Operator : pad Inst ID: C.i
Smp Info : 20071219VP-10V2.5@N :[ ]12/19/07 @1047(AIR)
Misc Info : 736415;122707CA;11.8;17
Comment :
Method : /chem/C.i/Csvr.p/cgcato15.b/rto15.m
Meth Date : 02-Jan-2008 13:55 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 7
Dil Factor: 11.80000
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	11.80000 ✓	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)
3 Chloromethane	50	Compound Not Detected.					
4 Vinyl Chloride	62	Compound Not Detected.					
6 Bromomethane	94	Compound Not Detected.					
7 Chloroethane	64	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
12 Acetone	43	Compound Not Detected.					
14 Carbon Disulfide	76	6.915	6.925	(0.770)	217037	3.57278	42
16 Methylene Chloride	49	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	8.985	8.985	(1.000)	232621	10.0000	
27 Chloroform	83	Compound Not Detected.					
28 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
30 Carbon Tetrachloride	117	Compound Not Detected.					
32 Benzene	78	Compound Not Detected.					
33 1,2-Dichloroethane	62	Compound Not Detected.					
* 35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1056405	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	Compound Not Detected.					
43 Toluene	92	11.115	11.115	(0.907)	1420822	31.6355	370
44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
45 1,1,2-Trichloroethane	83	Compound Not Detected.					
46 Tetrachloroethene	166	11.558	11.552	(0.943)	37612	0.76364	9.0
47 Methyl Butyl Ketone	43	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1053799	10.0000	
51 Chlorobenzene	112	Compound Not Detected.					
52 Ethylbenzene	91	Compound Not Detected.					
53 Xylene (m,p)	106	12.385	12.380	(1.011)	23077	0.53344	6.3
54 Xylene (o)	106	12.732	12.726	(1.039)	9821	0.22987	2.7
56 Styrene	104	Compound Not Detected.					
57 Bromoform	173	Compound Not Detected.					
58 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/C.i/Csvr.p/cgcato15.b/736415d.d

Date : 27-DEC-2007 23:07

Client ID: 20071219VP-10V2.5 N

Instrument: C.i

Sample Info: 20071219VP-10V2.5@N :[ ]12/19/07 @1047(AIR)

Purge Volume: 17.0

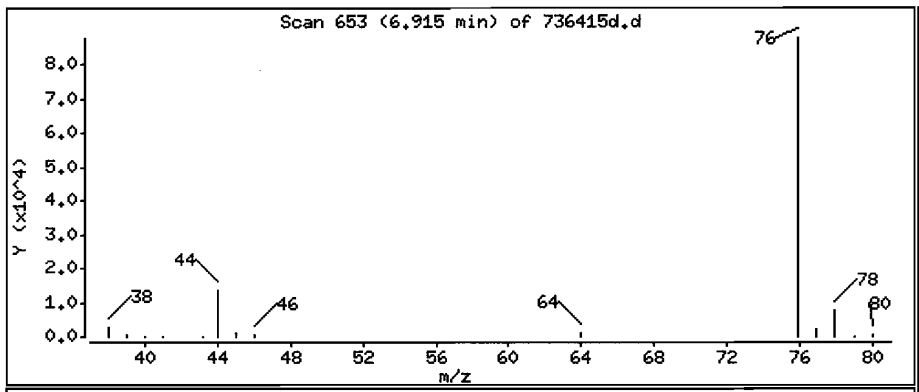
Operator: pad

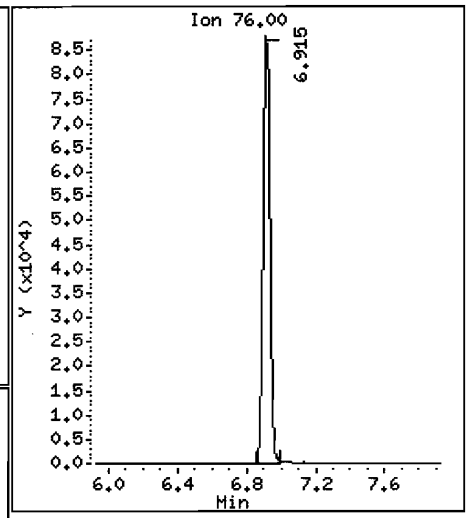
Column phase: RTX-624

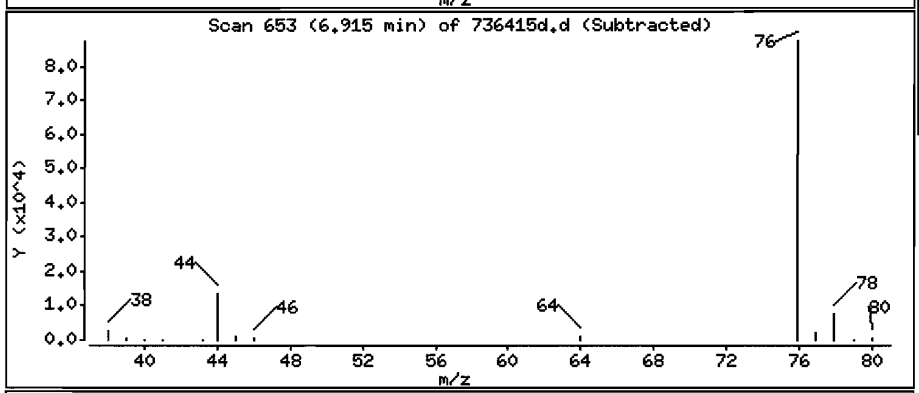
Column diameter: 0.32

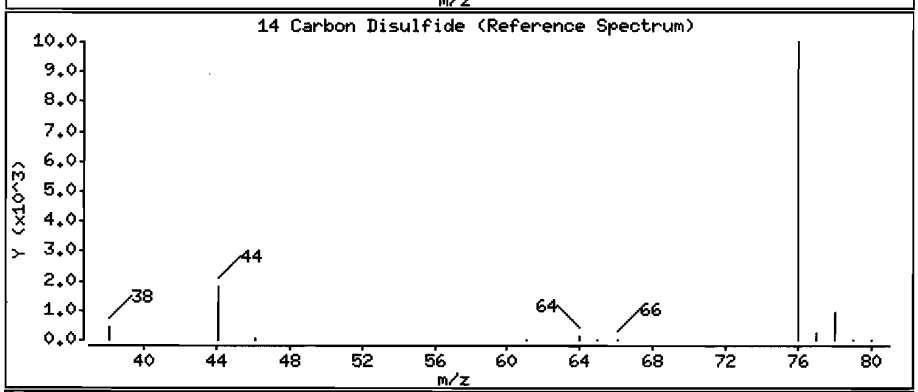
14 Carbon Disulfide

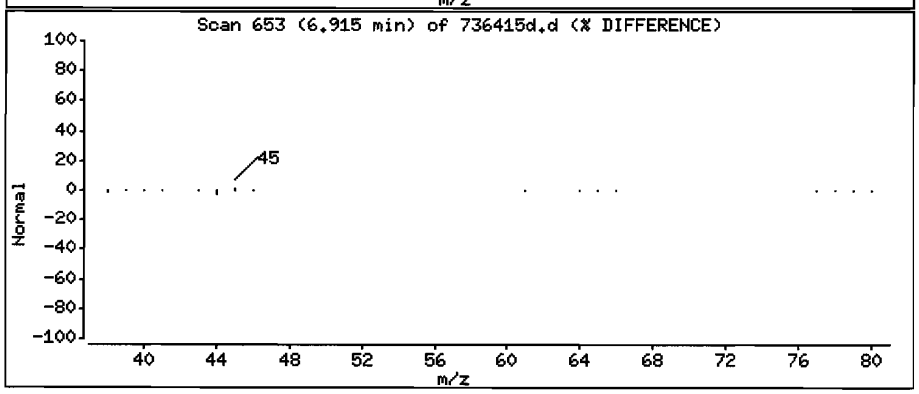
Concentration: 42 ppbv











Data File: /chem/C.i/Csvr.p/cgcato15.b/736415d.d

Date : 27-DEC-2007 23:07

Client ID: 20071219VP-10V2.5 N

Instrument: C.i

Sample Info: 20071219VP-10V2.5@N :[J12/19/07 @1047(AIR)

Purge Volume: 17.0

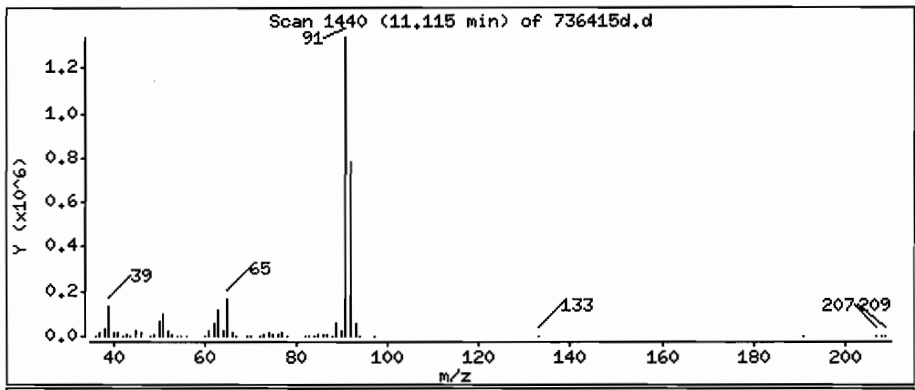
Operator: pad

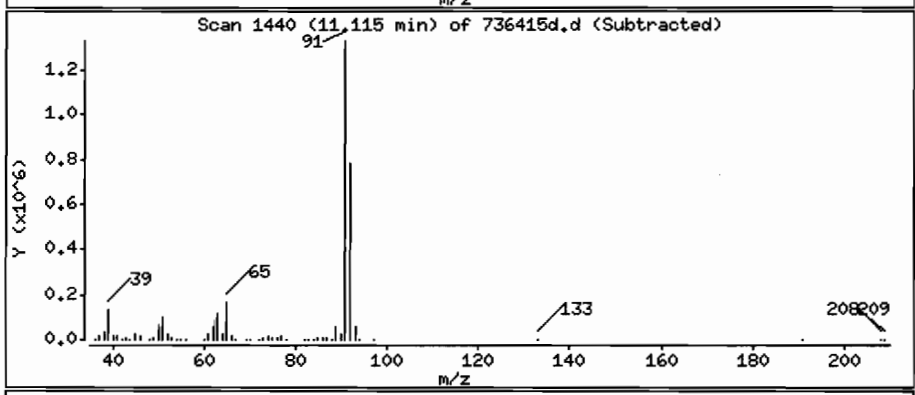
Column phase: RTX-624

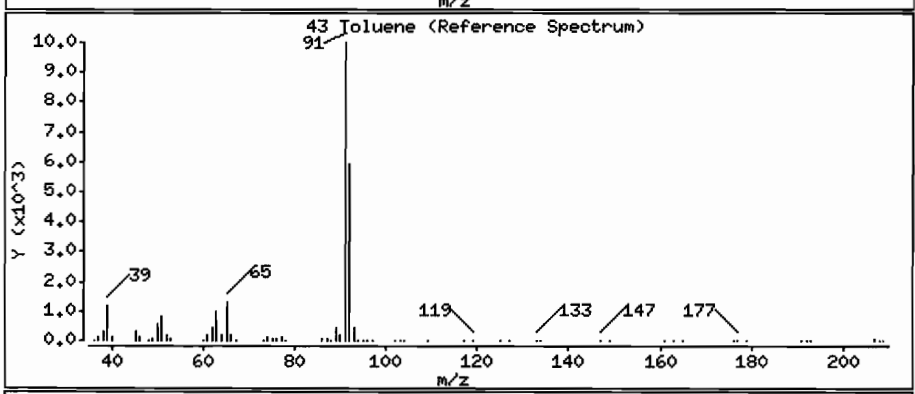
Column diameter: 0.32

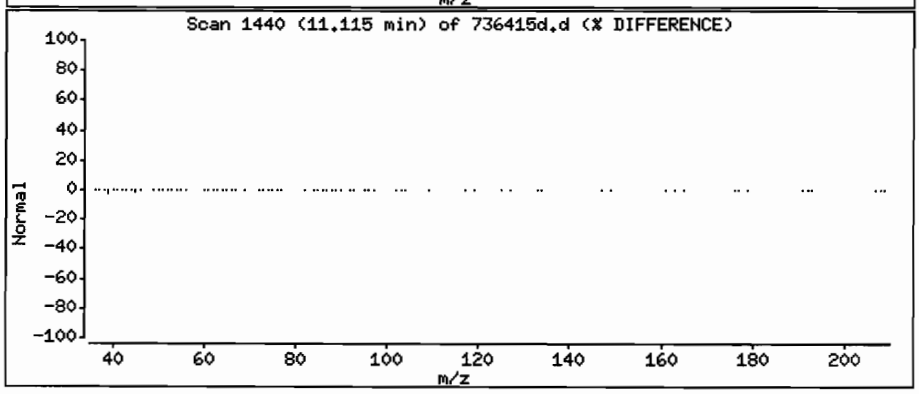
43 Toluene

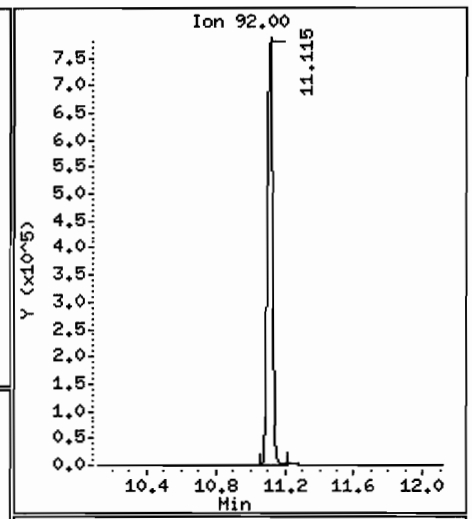
Concentration: 370 ppbv

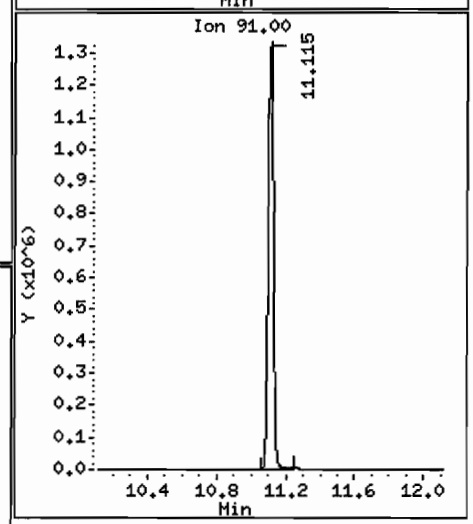












Data File: /chem/C.i/Csvr.p/cgcato15.b/736415d.d

Date : 27-DEC-2007 23:07

Client ID: 20071219VP-10V2.5 N

Instrument: C.i

Sample Info: 20071219VP-10V2.5@N :[ ]12/19/07 @1047(AIR)

Purge Volume: 17.0

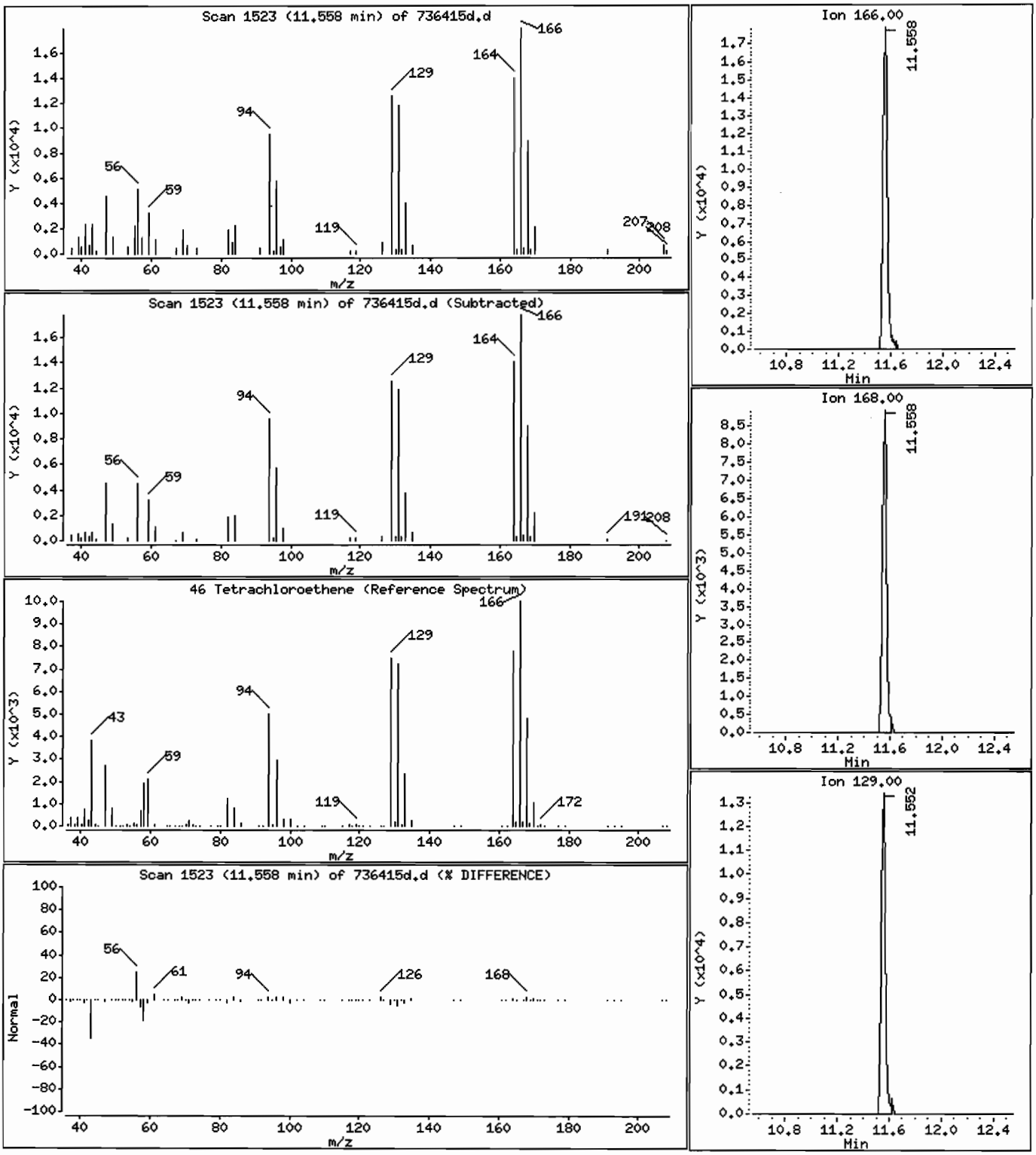
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

46 Tetrachloroethene

Concentration: 9.0 ppbv



Data File: /chem/C.i/Csvr.p/cgcato15.b/736415d.d

Date : 27-DEC-2007 23:07

Client ID: 20071219VP-10V2.5 N

Instrument: C.i

Sample Info: 20071219VP-10V2.5@N :[ ]12/19/07 @1047(AIR)

Purge Volume: 17.0

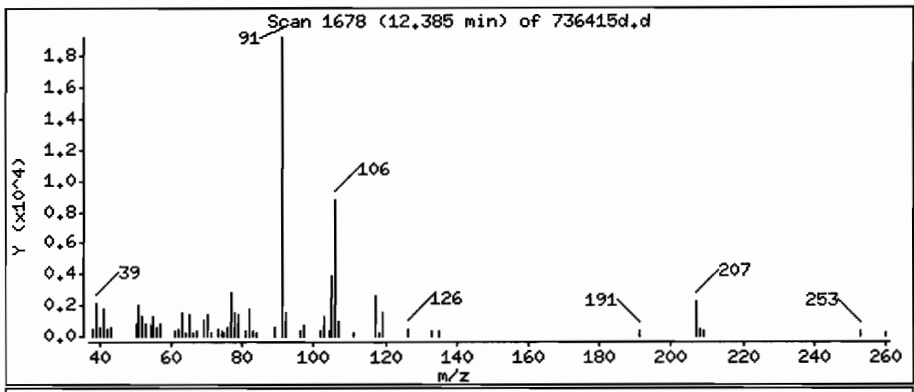
Operator: pad

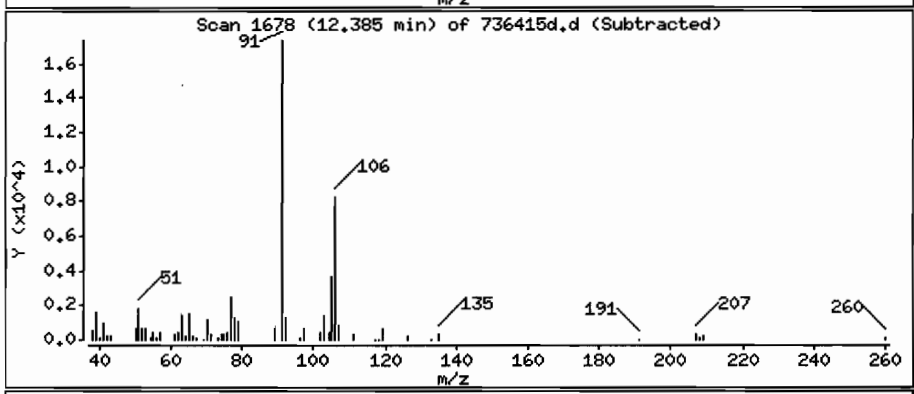
Column phase: RTX-624

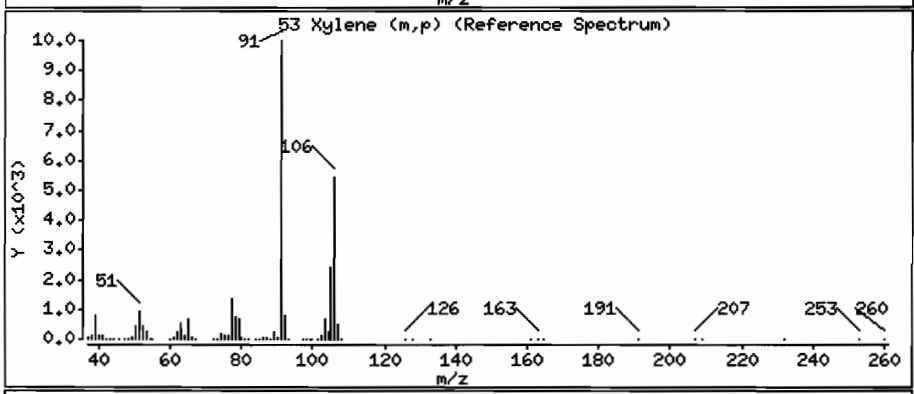
Column diameter: 0.32

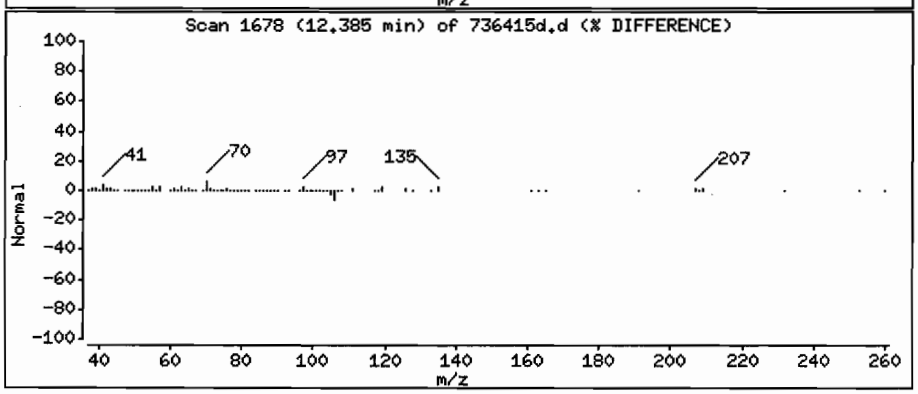
53 Xylene (m,p)

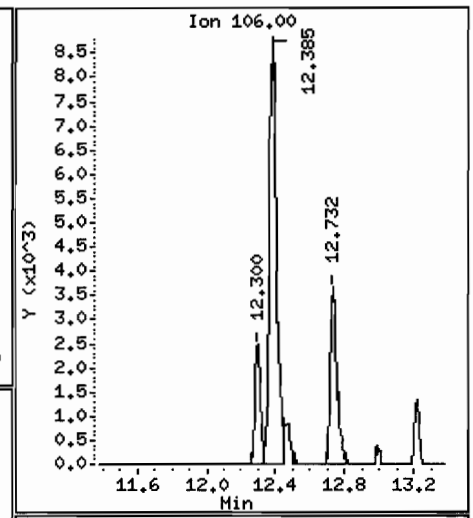
Concentration: 6.3 ppbv

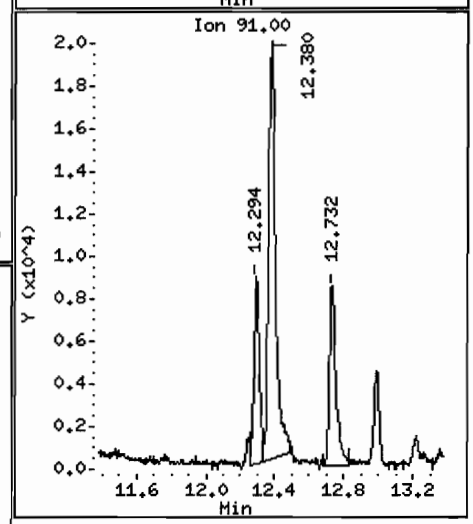












Data File: /chem/C.i/Csvr.p/cgcato15.b/736415d.d

Date : 27-DEC-2007 23:07

Client ID: 20071219VP-10V2.5 N

Instrument: C.i

Sample Info: 20071219VP-10V2.5@N :[J12/19/07 @1047(AIR)

Purge Volume: 17.0

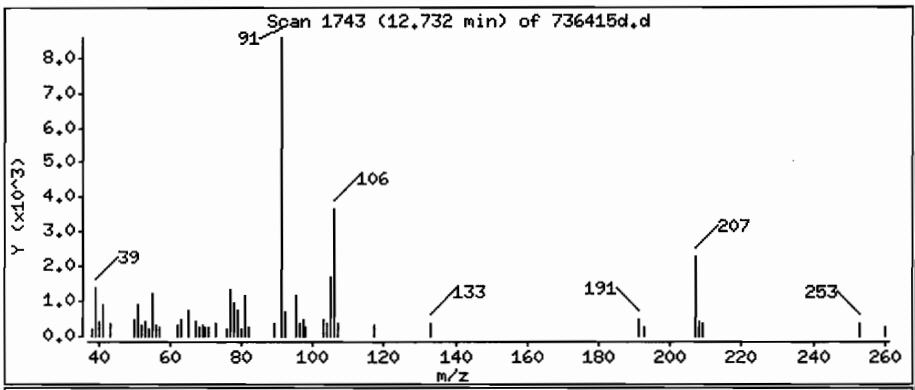
Operator: pad

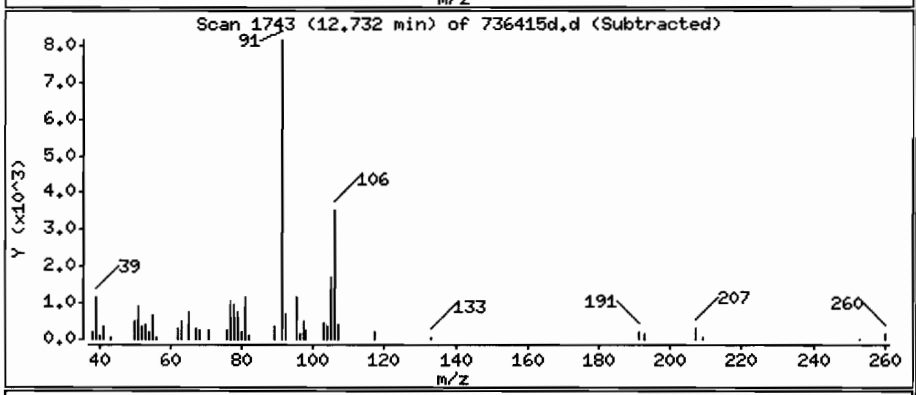
Column phase: RTX-624

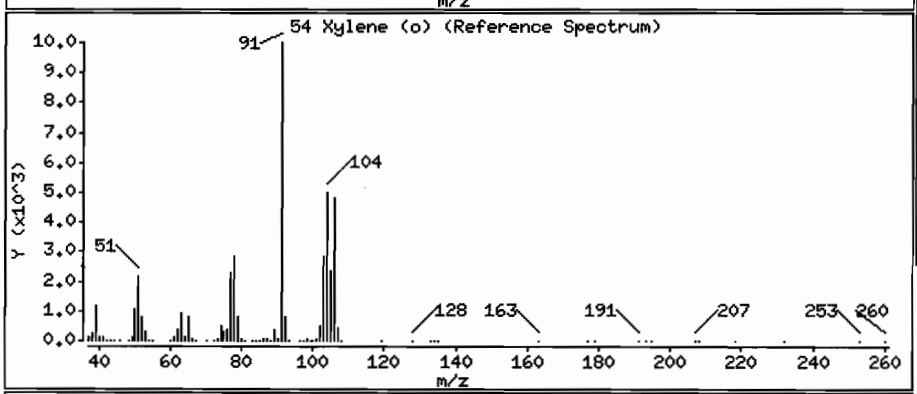
Column diameter: 0.32

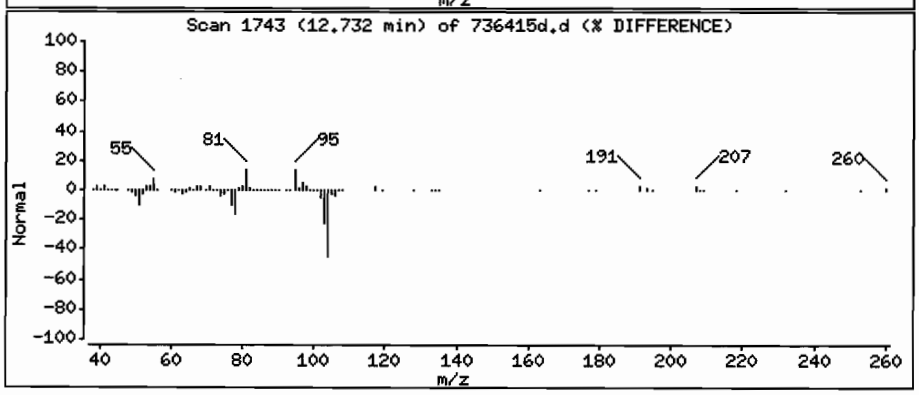
54 Xylene (o)

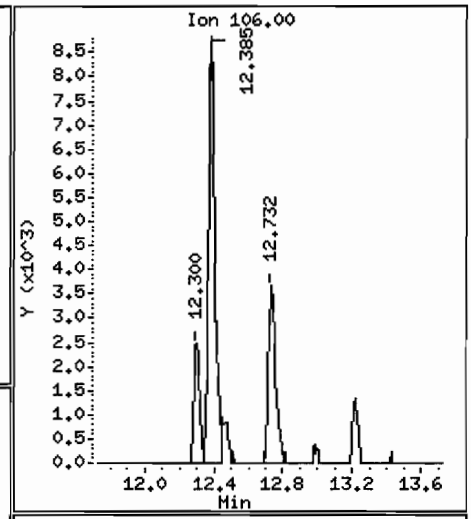
Concentration: 2.7 ppbv

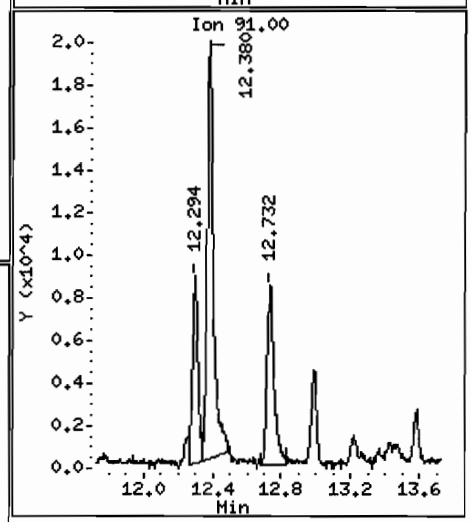












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219
VP-11V2@N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736417

Sample wt/vol: 23.00 (g/mL) ML Lab File ID: 736417D2

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/29/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 152.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	76	U
75-01-4	Vinyl Chloride	1300	
74-83-9	Bromomethane	30	U
75-00-3	Chloroethane	76	U
75-35-4	1,1-Dichloroethene	30	U
67-64-1	Acetone	760	U
75-15-0	Carbon Disulfide	76	U
75-09-2	Methylene Chloride	76	U
156-60-5	trans-1,2-Dichloroethene	30	U
75-34-3	1,1-Dichloroethane	30	U
78-93-3	Methyl Ethyl Ketone	76	U
156-59-2	cis-1,2-Dichloroethene	30	U
67-66-3	Chloroform	30	U
71-55-6	1,1,1-Trichloroethane	30	U
56-23-5	Carbon Tetrachloride	30	U
71-43-2	Benzene	30	U
107-06-2	1,2-Dichloroethane	330	
79-01-6	Trichloroethene	30	U
78-87-5	1,2-Dichloropropane	570	
75-27-4	Bromodichloromethane	30	U
10061-01-5	cis-1,3-Dichloropropene	30	U
108-10-1	Methyl Isobutyl Ketone	76	U
108-88-3	Toluene	3900	
10061-02-6	trans-1,3-Dichloropropene	30	U
79-00-5	1,1,2-Trichloroethane	30	U
127-18-4	Tetrachloroethene	30	U
591-78-6	Methyl Butyl Ketone	76	U
124-48-1	Dibromochloromethane	30	U
108-90-7	Chlorobenzene	30	U
100-41-4	Ethylbenzene	30	U
1330-20-7	Xylene (m,p)	76	U
95-47-6	Xylene (o)	30	U
100-42-5	Styrene	30	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219
VP-11V2@N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736417

Sample wt/vol: 23.00 (g/mL) ML Lab File ID: 736417D2

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/29/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 152.0

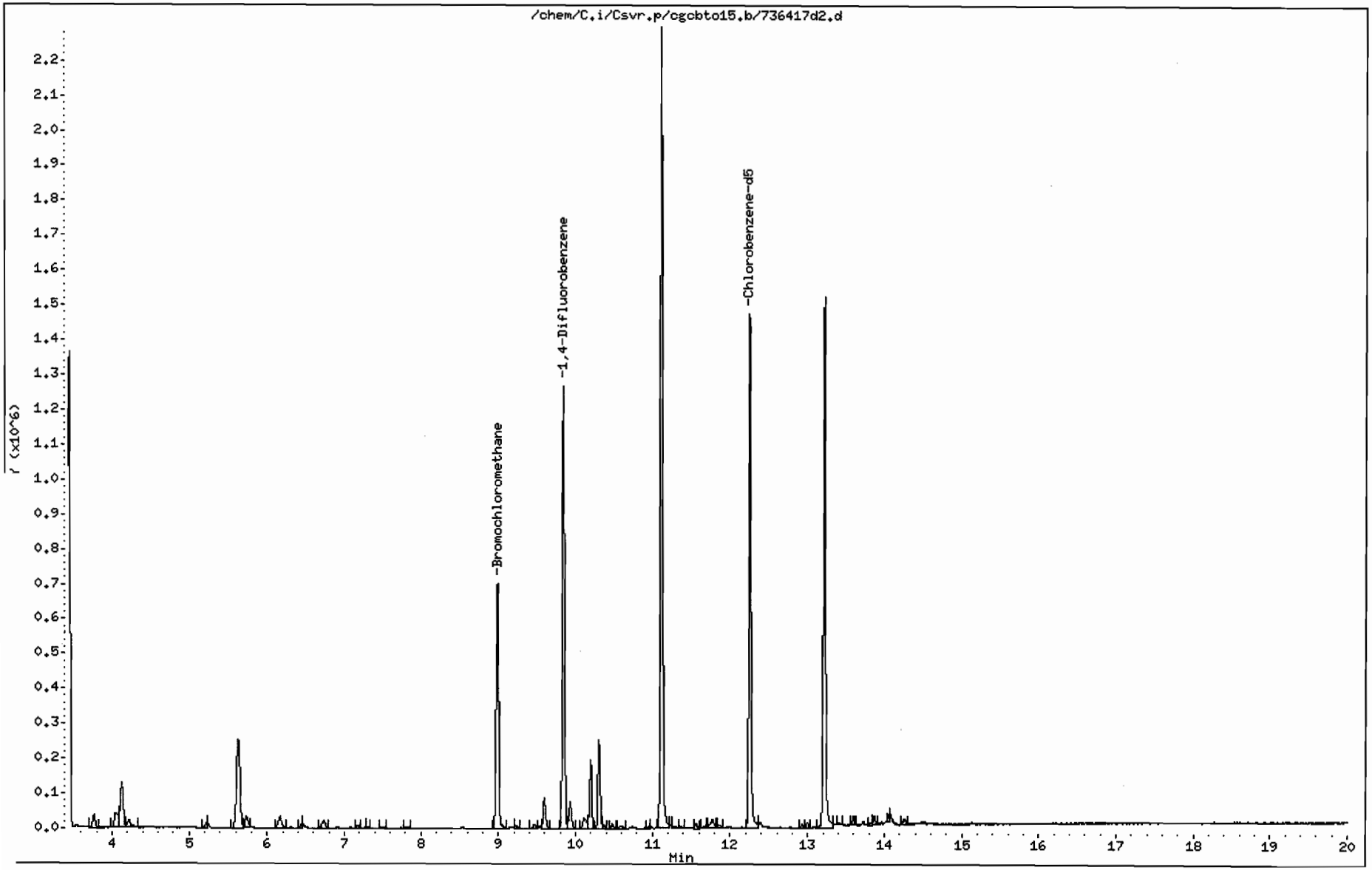
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcbto15.b/736417d2.d
Date : 29-DEC-2007 03:58
Client ID: 20071219VP-11V2@N
Sample Info: 20071219VP-11V2@N :[ ]12/19/07 @1303(AIR)
Purge Volume: 23.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcbto15.b/736417d2.d
Lab Smp Id: 736417 Client Smp ID: 20071219VP-11V2@N
Inj Date : 29-DEC-2007 03:58
Operator : pad Inst ID: C.i
Smp Info : 20071219VP-11V2@N :[ ]12/19/07 @1303(AIR)
Misc Info : 736417;122807CA;152;23;cdf 17.5
Comment :
Method : /chem/C.i/Csvr.p/cgcbto15.b/rto15.m
Meth Date : 02-Jan-2008 13:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 11
Dil Factor: 152.00000
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	152.00000	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)
3 Chloromethane	50	Compound Not Detected.					
4 Vinyl Chloride	62	4.123	4.129	(0.459)	191772	8.59950	1300
6 Bromomethane	94	Compound Not Detected.					
7 Chloroethane	64	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
12 Acetone	43	Compound Not Detected.					
14 Carbon Disulfide	76	Compound Not Detected.					
16 Methylene Chloride	49	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	8.985	8.985	(1.000)	205460	10.0000	
27 Chloroform	83	Compound Not Detected.					
28 1,1,1-Trichloroethane	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	30 Carbon Tetrachloride	117	Compound Not Detected.					
	32 Benzene	78	Compound Not Detected.					
	33 1,2-Dichloroethane	62	9.588	9.594	(0.974)	78427	2.16194	330
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	988531	10.0000	
	36 Trichloroethene	95	Compound Not Detected.					
	38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	83720	3.75478	570(Q)
	40 Bromodichloromethane	83	Compound Not Detected.					
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	43 Toluene	92	11.109	11.115	(0.907)	979478	25.8523 ✓	3900
	44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	45 1,1,2-Trichloroethane	83	Compound Not Detected.					
	46 Tetrachloroethene	166	Compound Not Detected.					
	47 Methyl Butyl Ketone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	888973	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 Xylene (m,p)	106	Compound Not Detected.					
	54 Xylene (o)	106	Compound Not Detected.					
	56 Styrene	104	Compound Not Detected.					
	57 Bromoform	173	Compound Not Detected.					
	58 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cgcbto15.b/736417d2.d

Date : 29-DEC-2007 03:58

Client ID: 20071219VP-11V2@N

Instrument: C.i

Sample Info: 20071219VP-11V2@N :[ ]12/19/07 @1303(AIR)

Purge Volume: 23.0

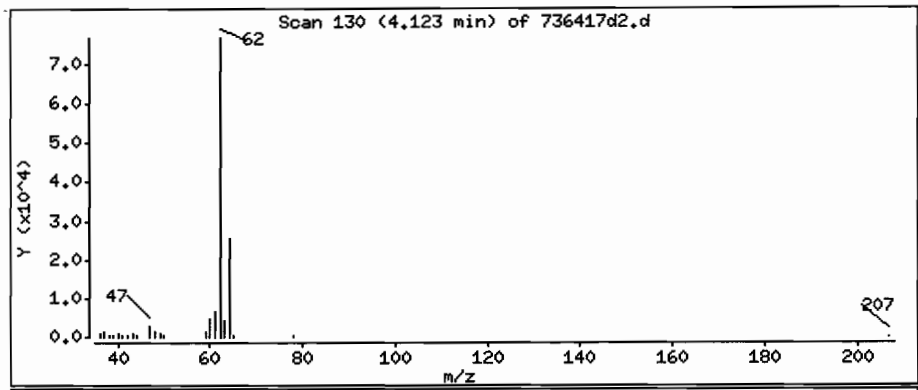
Operator: pad

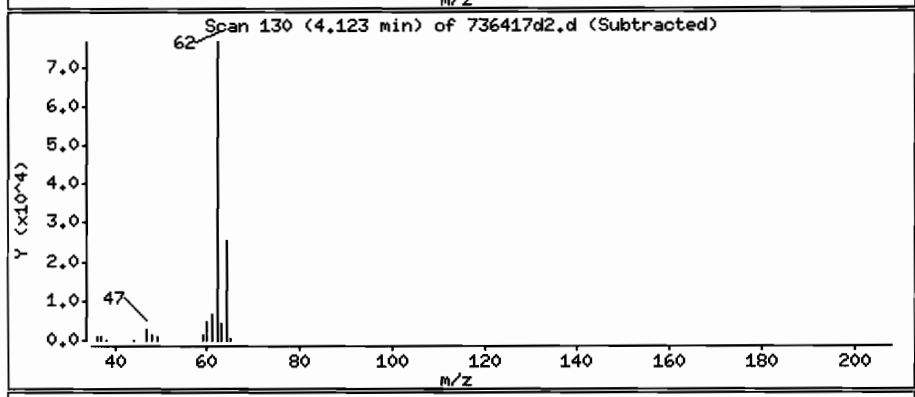
Column phase: RTX-624

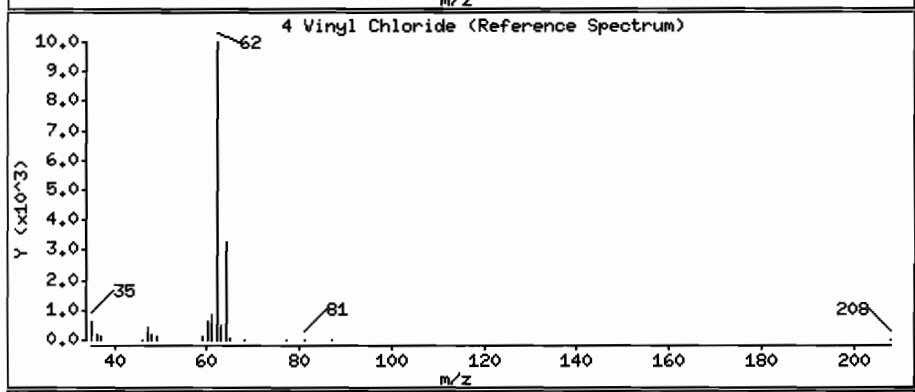
Column diameter: 0.32

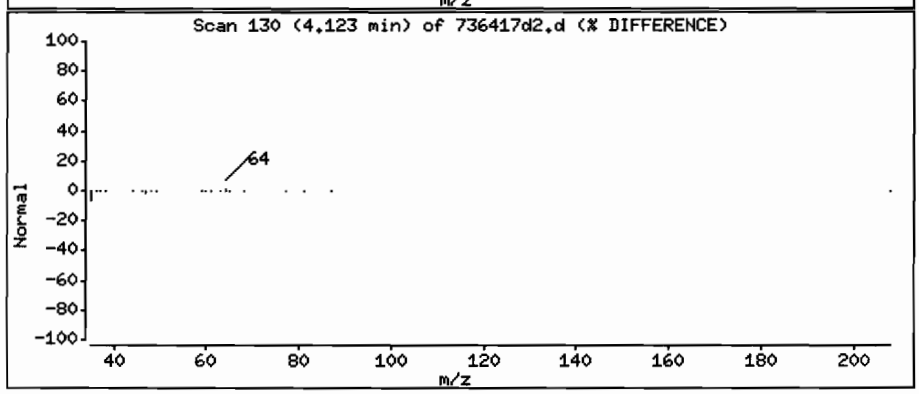
4 Vinyl Chloride

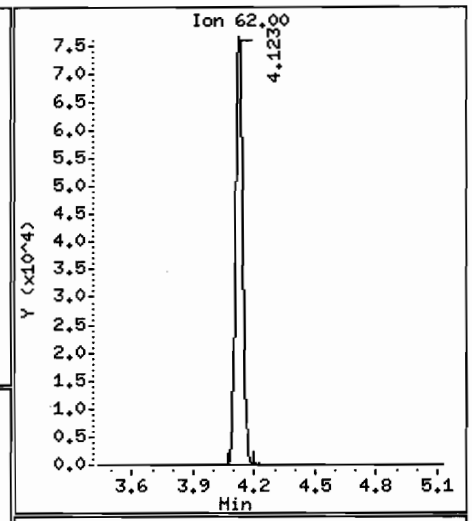
Concentration: 1300 ppbv

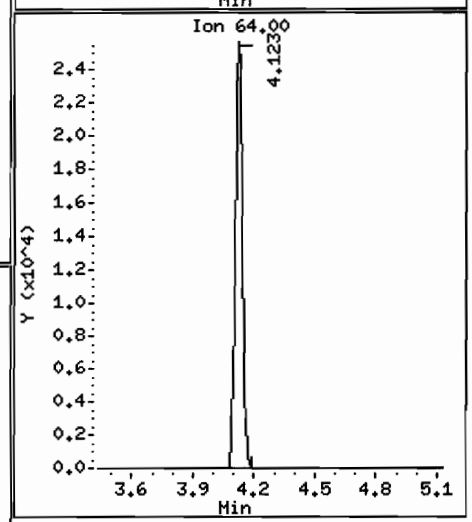












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736417d2.d

Date : 29-DEC-2007 03:58

Client ID: 20071219VP-11V2@N

Instrument: C.i

Sample Info: 20071219VP-11V2@N :[ ]12/19/07 @1303(AIR)

Purge Volume: 23.0

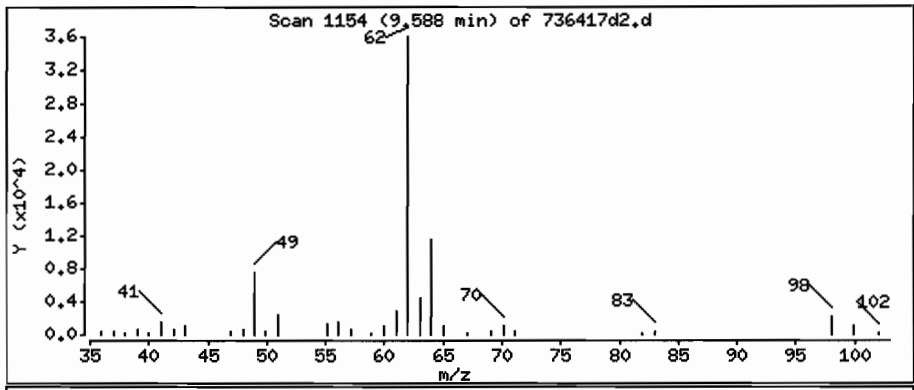
Operator: pad

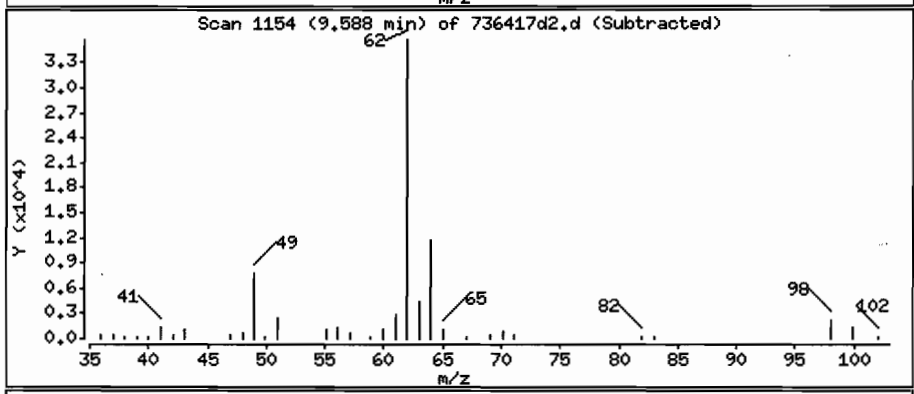
Column phase: RTX-624

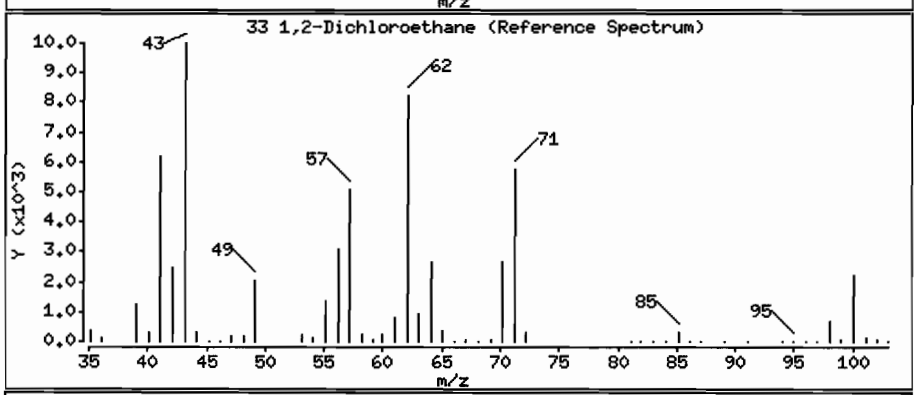
Column diameter: 0.32

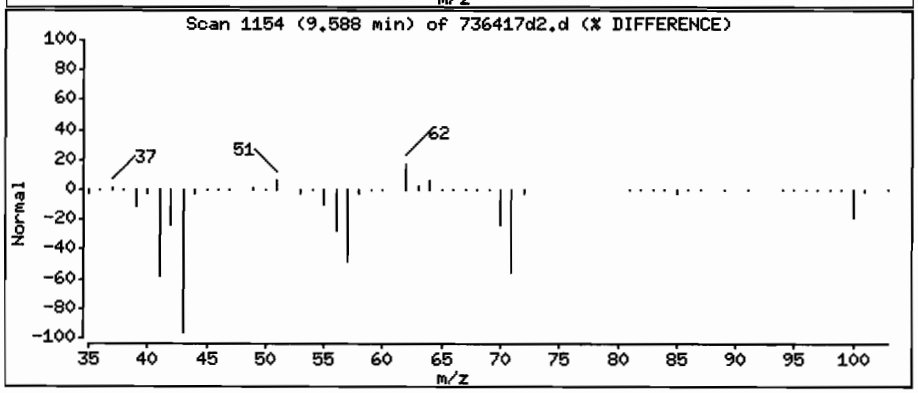
33 1,2-Dichloroethane

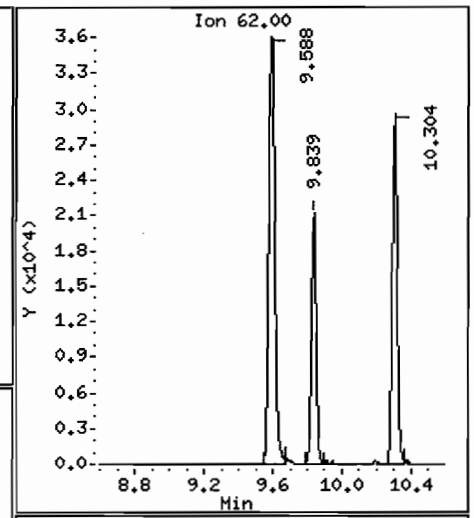
Concentration: 330 ppbv

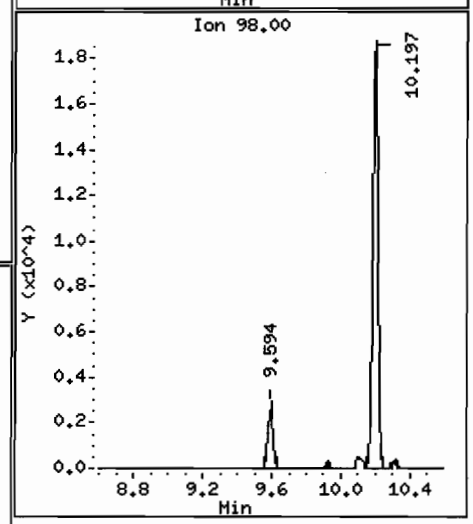












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736417d2.d

Date : 29-DEC-2007 03:58

Client ID: 20071219VP-11V2@N

Instrument: C.i

Sample Info: 20071219VP-11V2@N :[ ]12/19/07 @1303(AIR)

Purge Volume: 23.0

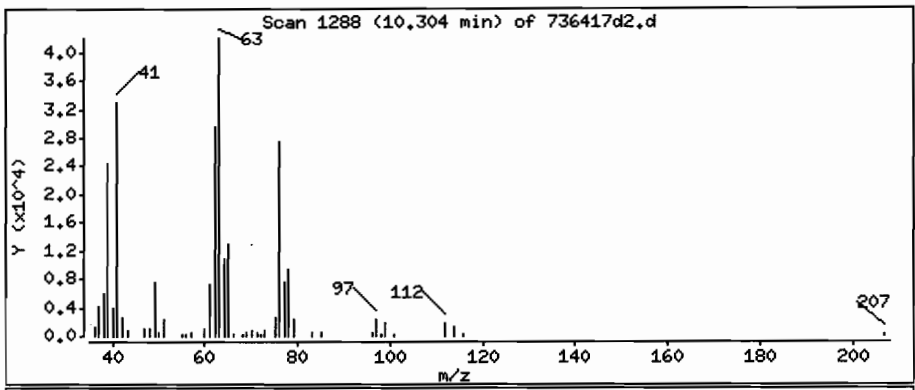
Operator: pad

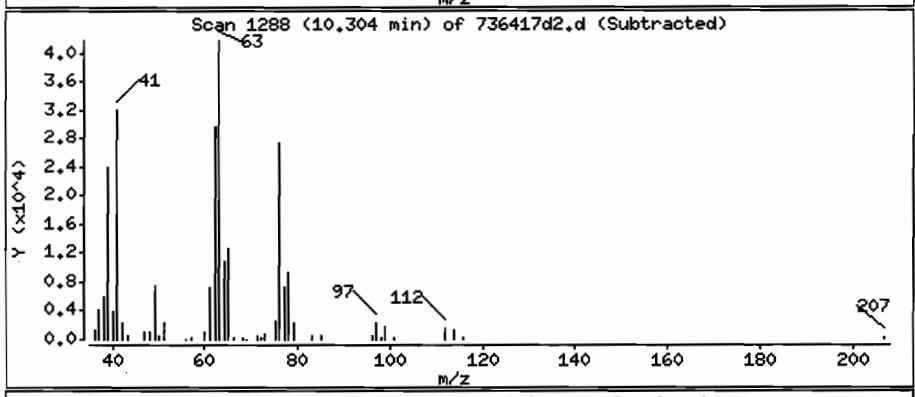
Column phase: RTX-624

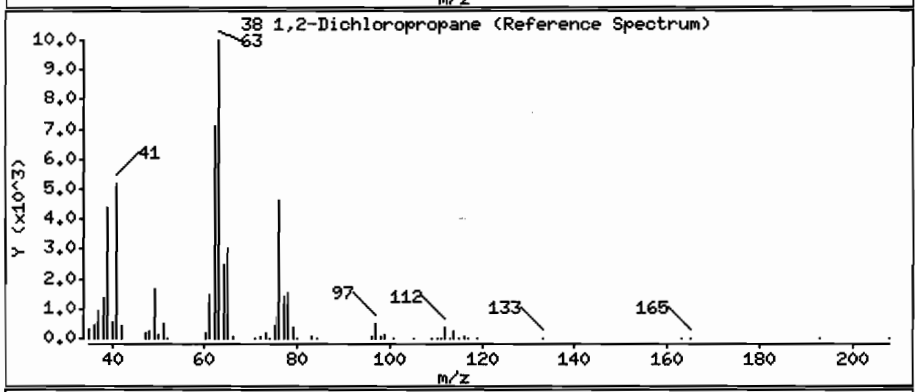
Column diameter: 0.32

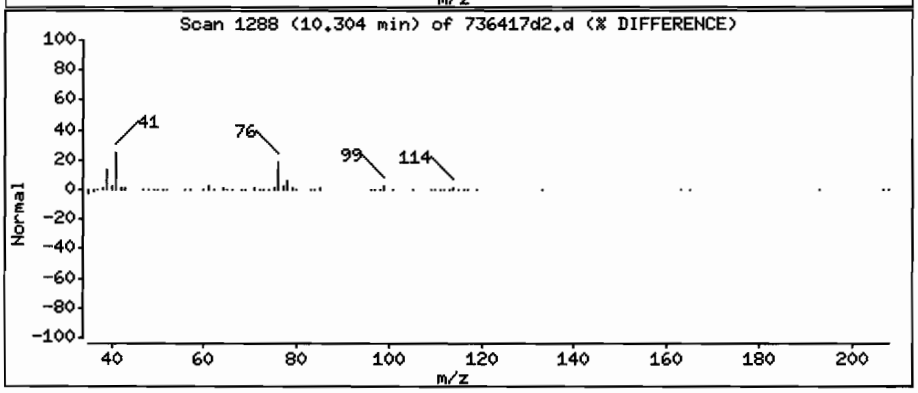
38 1,2-Dichloropropane

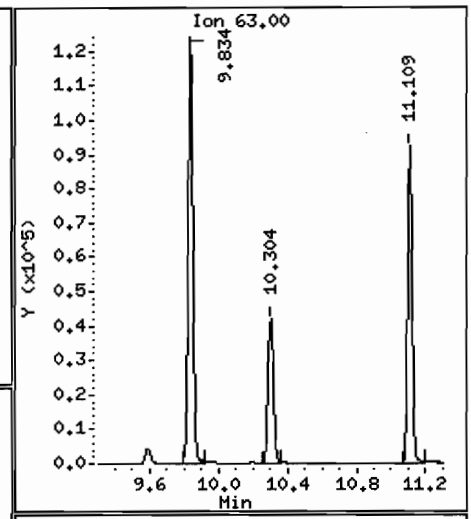
Concentration: 570 ppbv

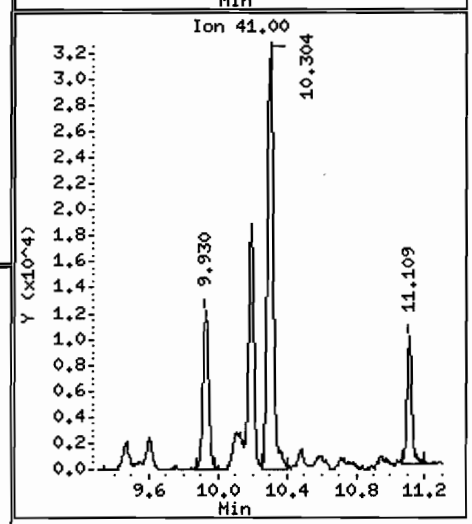












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736417d2.d

Date : 29-DEC-2007 03:58

Client ID: 20071219VP-11V2@N

Instrument: C.i

Sample Info: 20071219VP-11V2@N :[J12/19/07 @1303(AIR)

Purge Volume: 23.0

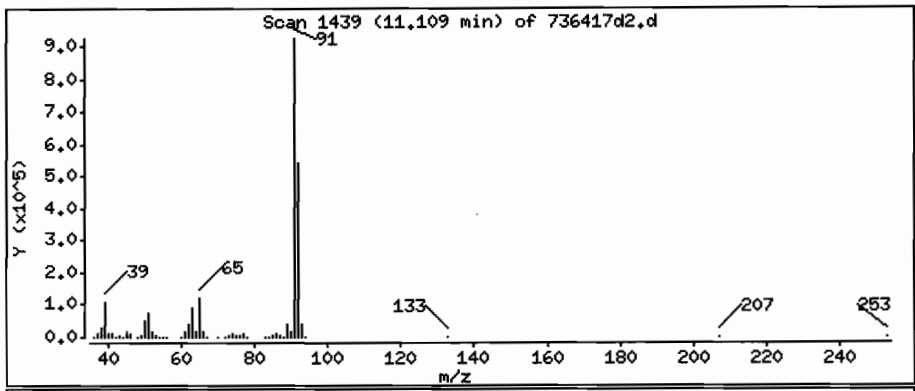
Operator: pad

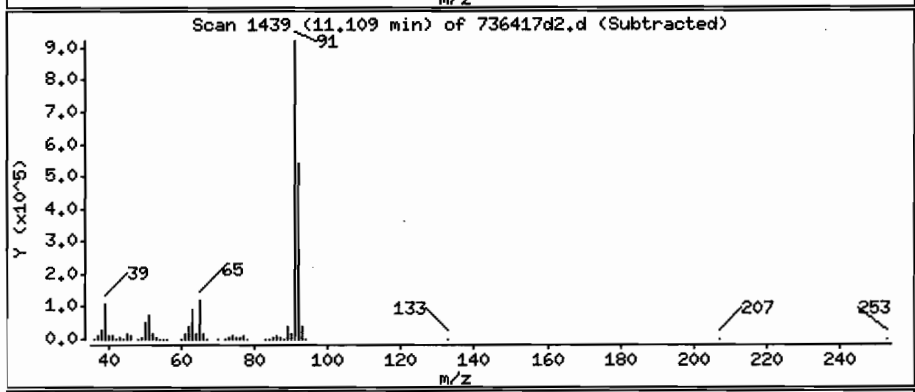
Column phase: RTX-624

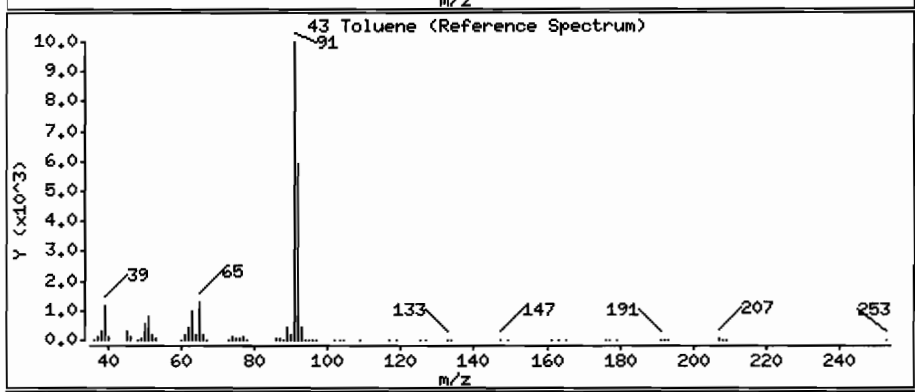
Column diameter: 0.32

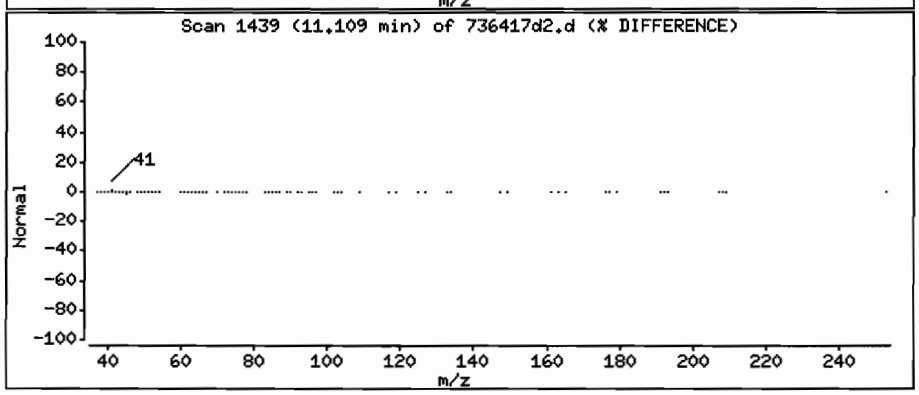
43 Toluene

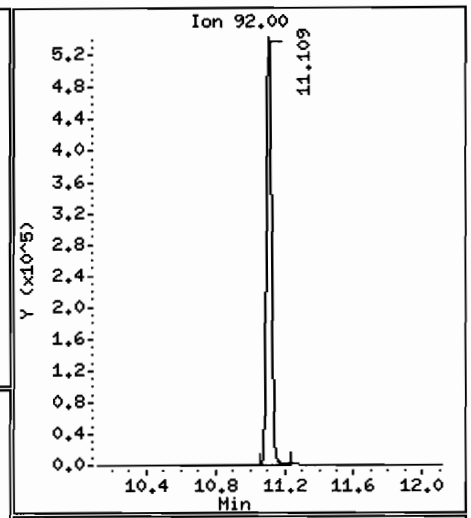
Concentration: 3900 ppbv

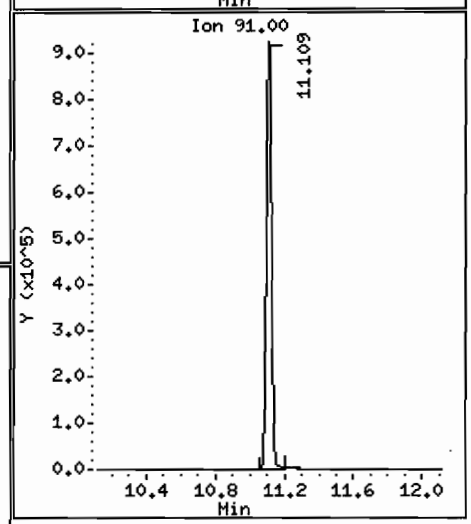












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219V
P-14V4.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736413

Sample wt/vol: 42.00 (g/mL) ML Lab File ID: 736413D2

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/29/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 79.5

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	40	U
75-01-4	Vinyl Chloride	16	U
74-83-9	Bromomethane	16	U
75-00-3	Chloroethane	40	U
75-35-4	1,1-Dichloroethene	16	U
67-64-1	Acetone	400	U
75-15-0	Carbon Disulfide	40	U
75-09-2	Methylene Chloride	40	U
156-60-5	trans-1,2-Dichloroethene	16	U
75-34-3	1,1-Dichloroethane	16	U
78-93-3	Methyl Ethyl Ketone	40	U
156-59-2	cis-1,2-Dichloroethene	16	U
67-66-3	Chloroform	2300	
71-55-6	1,1,1-Trichloroethane	16	U
56-23-5	Carbon Tetrachloride	16	U
71-43-2	Benzene	16	U
107-06-2	1,2-Dichloroethane	16	U
79-01-6	Trichloroethene	16	U
78-87-5	1,2-Dichloropropane	16	U
75-27-4	Bromodichloromethane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
108-10-1	Methyl Isobutyl Ketone	40	U
108-88-3	Toluene	16	U
10061-02-6	trans-1,3-Dichloropropene	16	U
79-00-5	1,1,2-Trichloroethane	16	U
127-18-4	Tetrachloroethene	21	
591-78-6	Methyl Butyl Ketone	40	U
124-48-1	Dibromochloromethane	16	U
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	16	U
1330-20-7	Xylene (m,p)	40	U
95-47-6	Xylene (o)	16	U
100-42-5	Styrene	16	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219V
P-14V4.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736413

Sample wt/vol: 42.00 (g/mL) ML Lab File ID: 736413D2

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/29/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 79.5

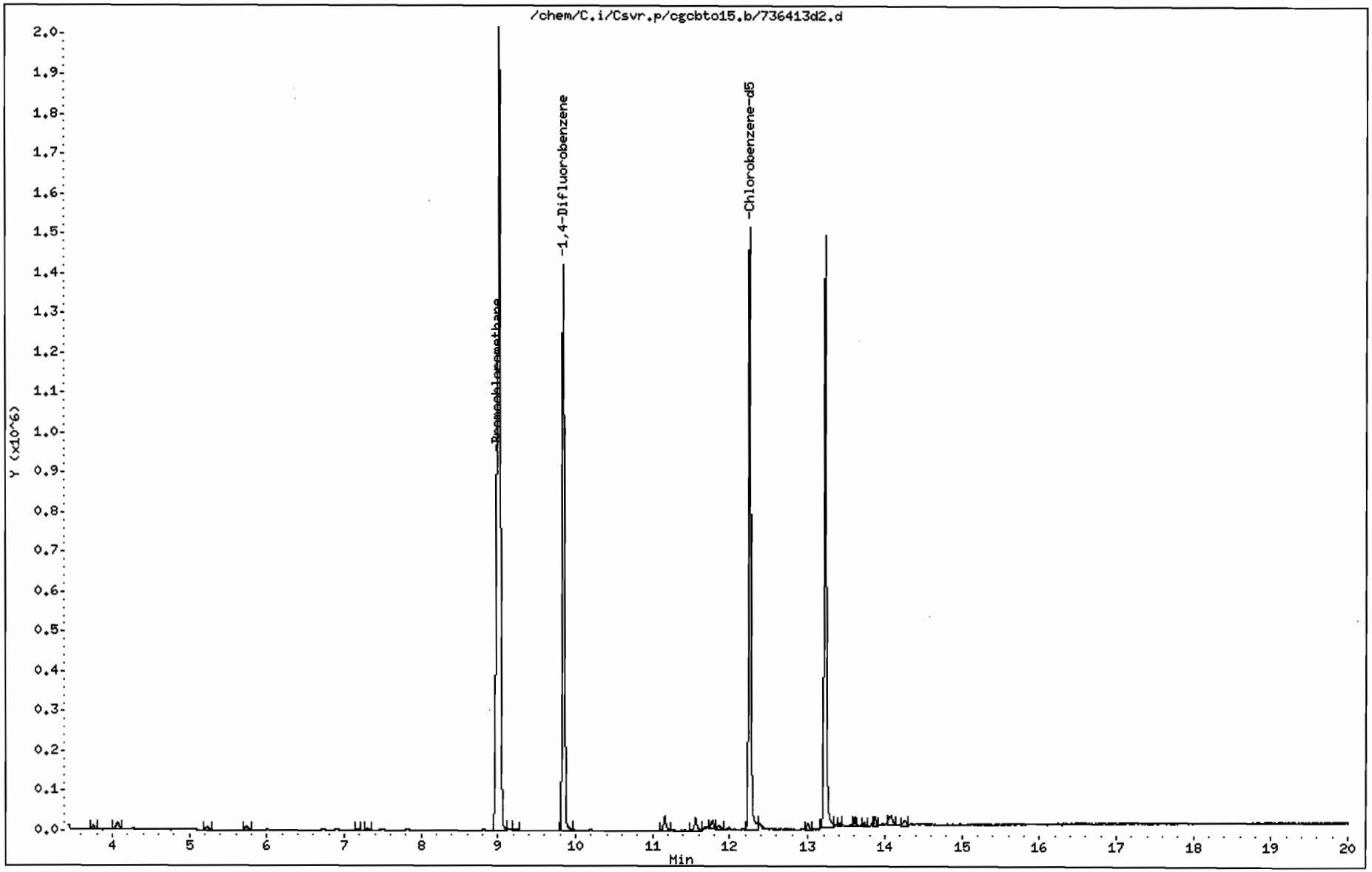
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcbto15.b/736413d2.d
Date : 29-DEC-2007 02:16
Client ID: 20071219VP-14V4.5 N
Sample Info: 20071219VP-14V4.5@N :[J12/19/07 @ (AIR)
Purge Volume: 42.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcbto15.b/736413d2.d
Lab Smp Id: 736413 Client Smp ID: 20071219VP-14V4.5 N
Inj Date : 29-DEC-2007 02:16
Operator : pad Inst ID: C.i
Smp Info : 20071219VP-14V4.5@N :[ ]12/19/07 @ (AIR)
Misc Info : 736413;122807CA;79.5;42;cdf 16.7
Comment :
Method : /chem/C.i/Csvr.p/cgcbto15.b/rto15.m
Meth Date : 02-Jan-2008 13:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 9
Dil Factor: 79.50000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	79.50000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	42.00000	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)	
3 Chloromethane	50	Compound Not Detected.						
4 Vinyl Chloride	62	Compound Not Detected.						
6 Bromomethane	94	Compound Not Detected.						
7 Chloroethane	64	Compound Not Detected.						
11 1,1-Dichloroethene	96	Compound Not Detected.						
12 Acetone	43	Compound Not Detected.						
14 Carbon Disulfide	76	Compound Not Detected.						
16 Methylene Chloride	49	Compound Not Detected.						
19 trans-1,2-Dichloroethene	61	Compound Not Detected.						
21 1,1-Dichloroethane	63	Compound Not Detected.						
23 Methyl Ethyl Ketone	72	Compound Not Detected.						
24 cis-1,2-Dichloroethene	96	Compound Not Detected.						
* 25 Bromochloromethane	128	8.985	8.985	(1.000)	244804	10.0000		(Q)
27 Chloroform	83	9.017	9.023	(1.004)	1658532	29.1839	2300	
28 1,1,1-Trichloroethane	97	Compound Not Detected.						

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	30 Carbon Tetrachloride	117	Compound Not Detected.					
	32 Benzene	78	Compound Not Detected.					
	33 1,2-Dichloroethane	62	Compound Not Detected.					
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1149981	10.0000	
	36 Trichloroethene	95	Compound Not Detected.					
	38 1,2-Dichloropropane	63	Compound Not Detected.					
	40 Bromodichloromethane	83	Compound Not Detected.					
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	43 Toluene	92	Compound Not Detected.					
	44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	45 1,1,2-Trichloroethane	83	Compound Not Detected.					
	46 Tetrachloroethene	166	11.558	11.552	(0.943)	11144	0.25955	21
	47 Methyl Butyl Ketone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	918640	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 Xylene (m,p)	106	Compound Not Detected.					
	54 Xylene (o)	106	Compound Not Detected.					
	56 Styrene	104	Compound Not Detected.					
	57 Bromoform	173	Compound Not Detected.					
	58 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cgcbto15.b/736413d2.d

Date : 29-DEC-2007 02:16

Client ID: 20071219VP-14V4.5 N

Instrument: C.i

Sample Info: 20071219VP-14V4.5@N :[ ]12/19/07 @ (AIR)

Purge Volume: 42.0

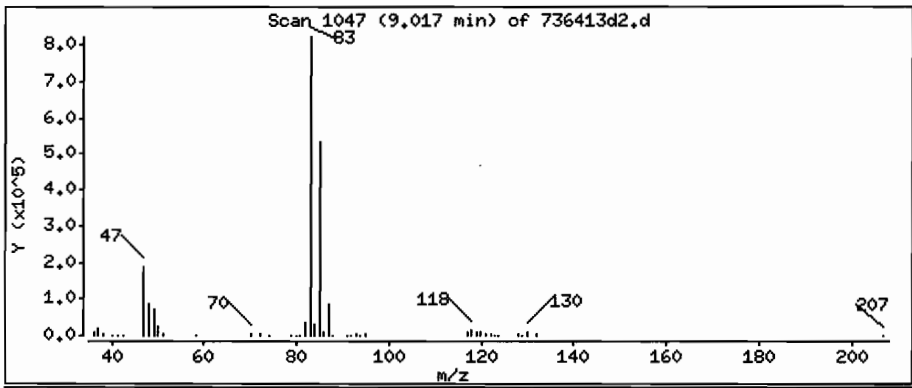
Operator: pad

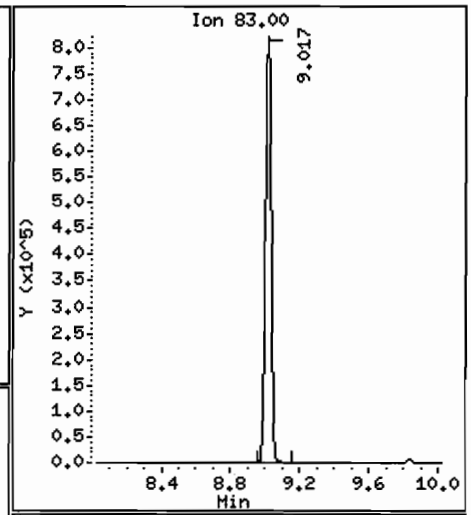
Column phase: RTX-624

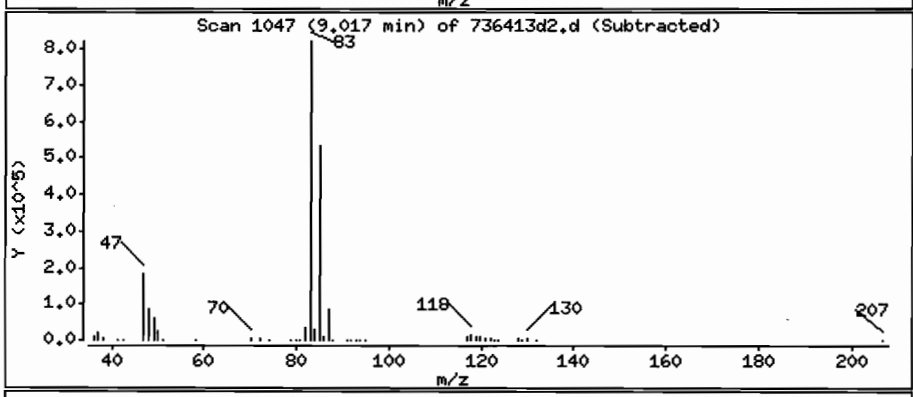
Column diameter: 0.32

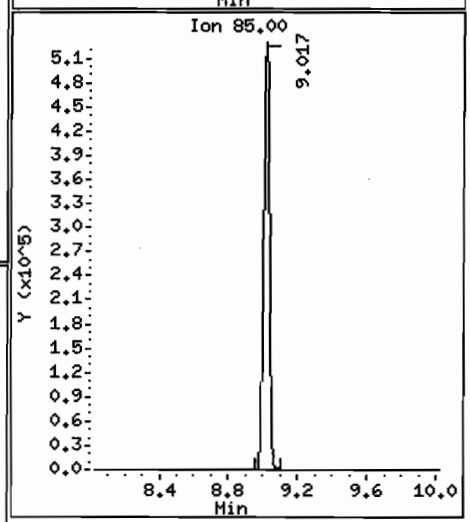
27 Chloroform

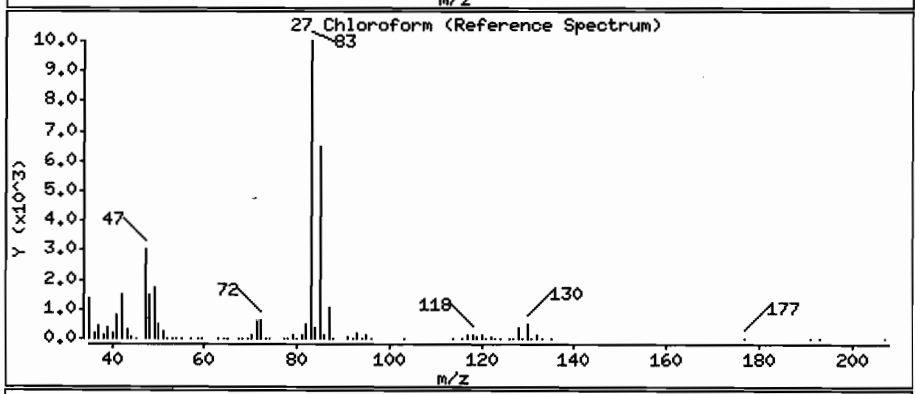
Concentration: 2300 ppbv

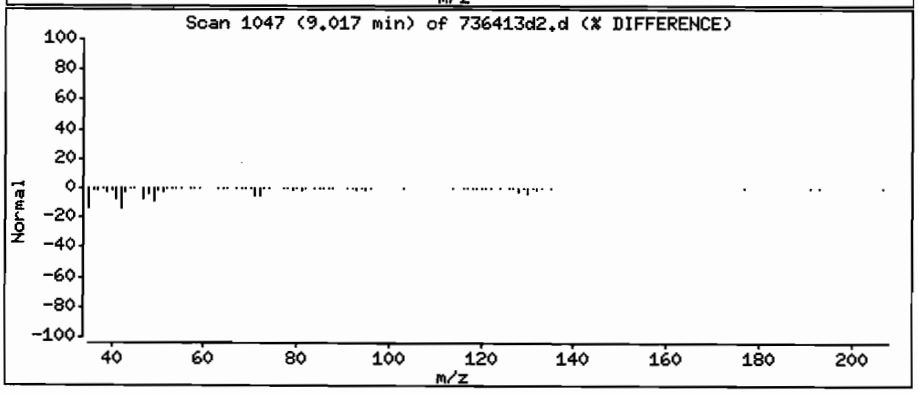












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736413d2.d

Date : 29-DEC-2007 02:16

Client ID: 20071219VP-14V4.5 N

Instrument: C.i

Sample Info: 20071219VP-14V4.5@N :[ ]12/19/07 @ (AIR)

Purge Volume: 42.0

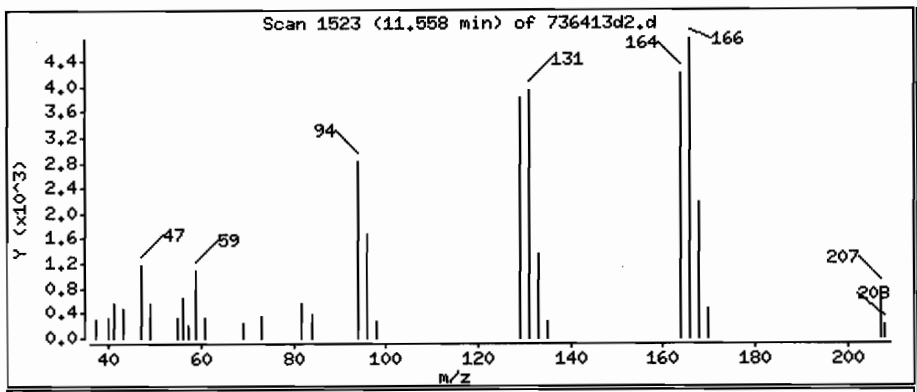
Operator: pad

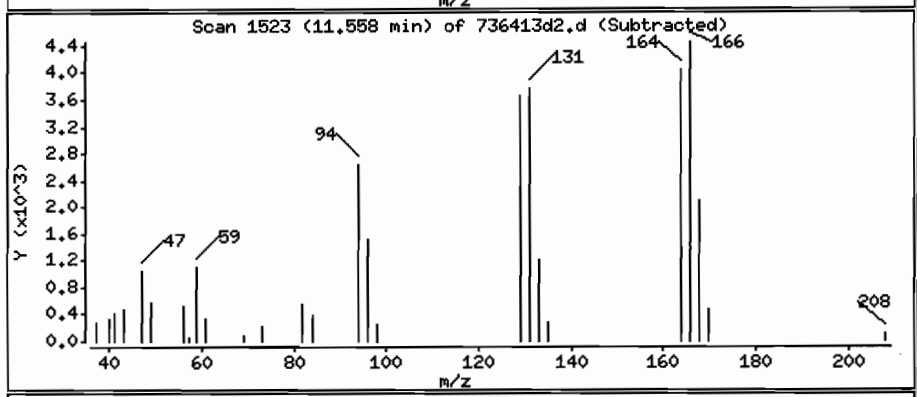
Column phase: RTX-624

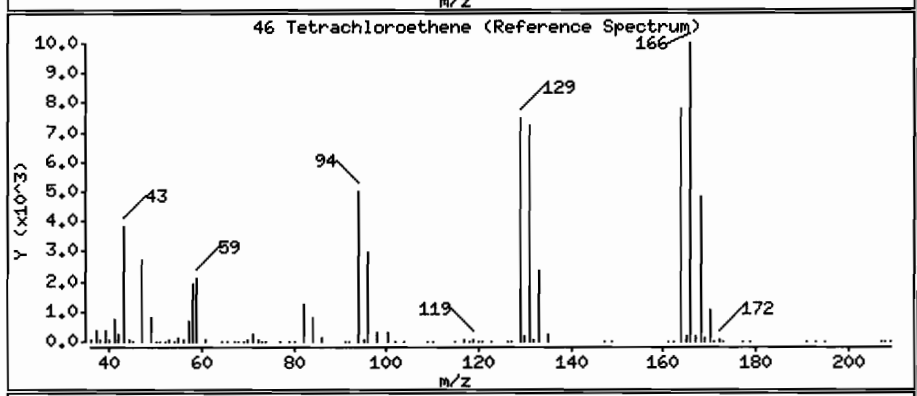
Column diameter: 0.32

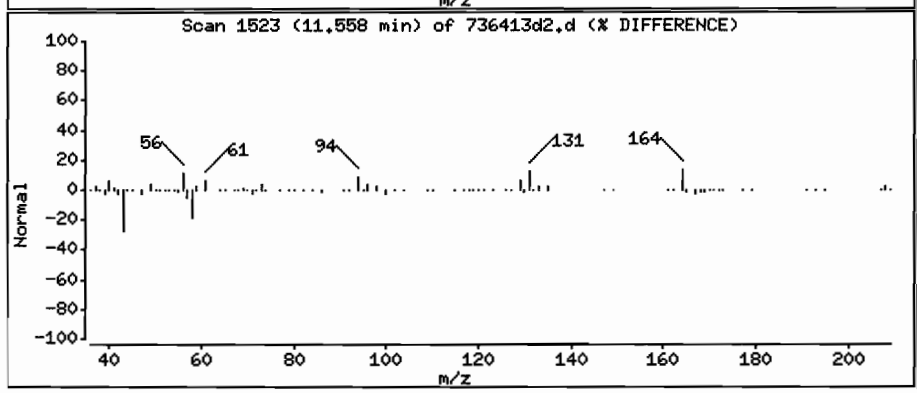
46 Tetrachloroethene

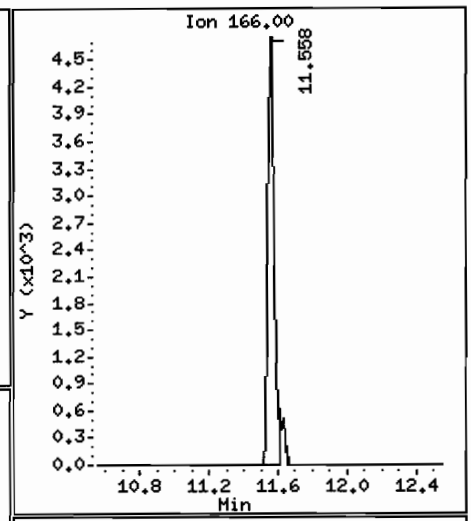
Concentration: 21 ppbv

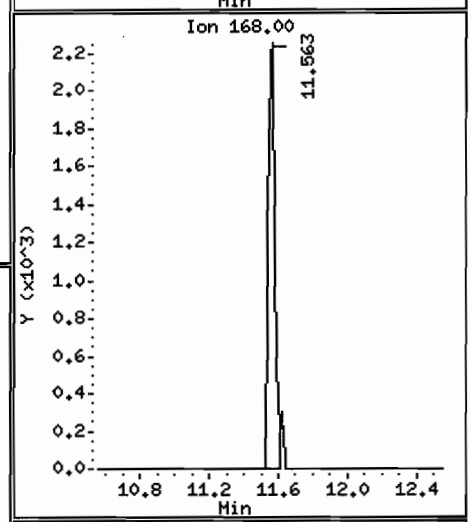


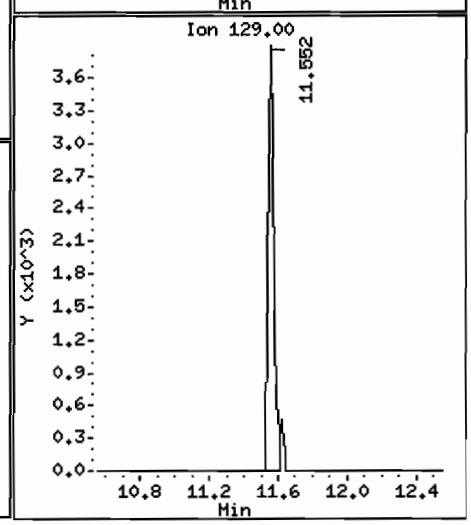












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219FD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736414

Sample wt/vol: 53.00 (g/mL) ML Lab File ID: 736414D3

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/29/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 80.4

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	40	U
75-01-4	Vinyl Chloride	16	U
74-83-9	Bromomethane	16	U
75-00-3	Chloroethane	40	U
75-35-4	1,1-Dichloroethene	16	U
67-64-1	Acetone	400	U
75-15-0	Carbon Disulfide	40	U
75-09-2	Methylene Chloride	40	U
156-60-5	trans-1,2-Dichloroethene	16	U
75-34-3	1,1-Dichloroethane	16	U
78-93-3	Methyl Ethyl Ketone	40	U
156-59-2	cis-1,2-Dichloroethene	16	U
67-66-3	Chloroform	2200	
71-55-6	1,1,1-Trichloroethane	16	U
56-23-5	Carbon Tetrachloride	16	U
71-43-2	Benzene	16	U
107-06-2	1,2-Dichloroethane	16	U
79-01-6	Trichloroethene	16	U
78-87-5	1,2-Dichloropropane	16	U
75-27-4	Bromodichloromethane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
108-10-1	Methyl Isobutyl Ketone	40	U
108-88-3	Toluene	16	U
10061-02-6	trans-1,3-Dichloropropene	16	U
79-00-5	1,1,2-Trichloroethane	16	U
127-18-4	Tetrachloroethene	22	
591-78-6	Methyl Butyl Ketone	40	U
124-48-1	Dibromochloromethane	16	U
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	16	U
1330-20-7	Xylene (m,p)	40	U
95-47-6	Xylene (o)	16	U
100-42-5	Styrene	16	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219FD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736414

Sample wt/vol: 53.00 (g/mL) ML Lab File ID: 736414D3

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/29/07

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 80.4

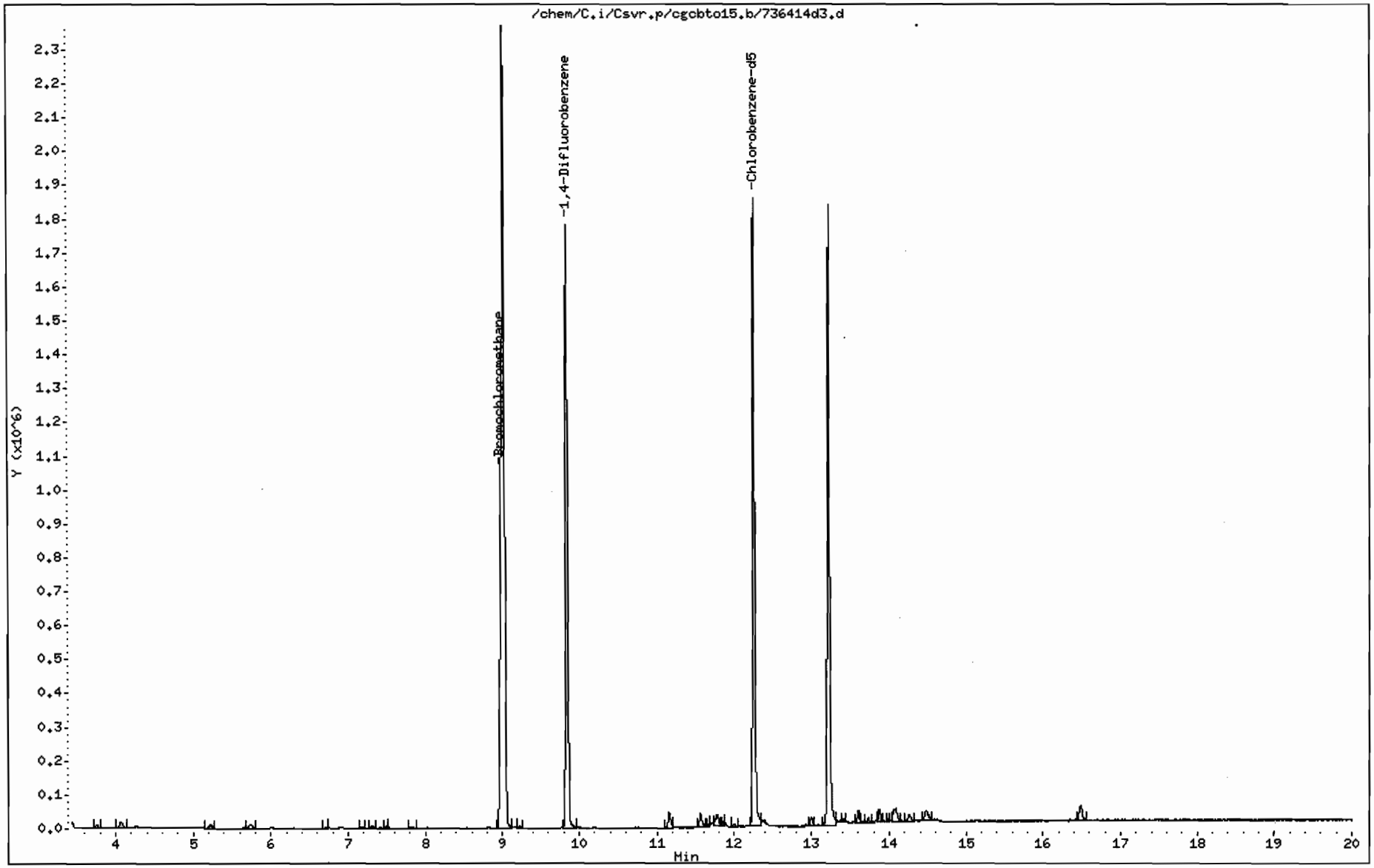
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcbto15.b/736414d3.d
Date : 29-DEC-2007 10:45
Client ID: 20071219FD
Sample Info: 20071219FD :[ ]12/19/07 @ (AIR)
Purge Volume: 53.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcbto15.b/736414d3.d
Lab Smp Id: 736414 Client Smp ID: 20071219FD
Inj Date : 29-DEC-2007 10:45
Operator : pad Inst ID: C.i
Smp Info : 20071219FD :[ ]12/19/07 @ (AIR)
Misc Info : 736413;122807CA;80.4;53;cdf16.7
Comment :
Method : /chem/C.i/Csvr.p/cgcbto15.b/rto15.m
Meth Date : 02-Jan-2008 13:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 3
Dil Factor: 80.40000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	80.40000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	53.00000	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)
3 Chloromethane	50	Compound Not Detected.					
4 Vinyl Chloride	62	Compound Not Detected.					
6 Bromomethane	94	Compound Not Detected.					
7 Chloroethane	64	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
12 Acetone	43	Compound Not Detected.					
14 Carbon Disulfide	76	Compound Not Detected.					
16 Methylene Chloride	49	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	316173	10.0000	
27 Chloroform	83	9.018	9.023	(1.004)	1981988	27.0031	2200
28 1,1,1-Trichloroethane	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	30 Carbon Tetrachloride	117	Compound Not Detected.					
	32 Benzene	78	Compound Not Detected.					
	33 1,2-Dichloroethane	62	Compound Not Detected.					
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1505571	10.0000	
	36 Trichloroethene	95	Compound Not Detected.					
	38 1,2-Dichloropropane	63	Compound Not Detected.					
	40 Bromodichloromethane	83	Compound Not Detected.					
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	43 Toluene	92	Compound Not Detected.					
	44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	45 1,1,2-Trichloroethane	83	Compound Not Detected.					
	46 Tetrachloroethene	166	11.563	11.552	(0.944)	15260	0.27949	22
	47 Methyl Butyl Ketone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1168183	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 Xylene (m,p)	106	Compound Not Detected.					
	54 Xylene (o)	106	Compound Not Detected.					
	56 Styrene	104	Compound Not Detected.					
	57 Bromoform	173	Compound Not Detected.					
	58 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Data File: /chem/C.i/Csvr.p/cgcbto15.b/736414d3.d

Date : 29-DEC-2007 10:45

Client ID: 20071219FD

Instrument: C.i

Sample Info: 20071219FD :[ ]12/19/07 @ (AIR)

Purge Volume: 53.0

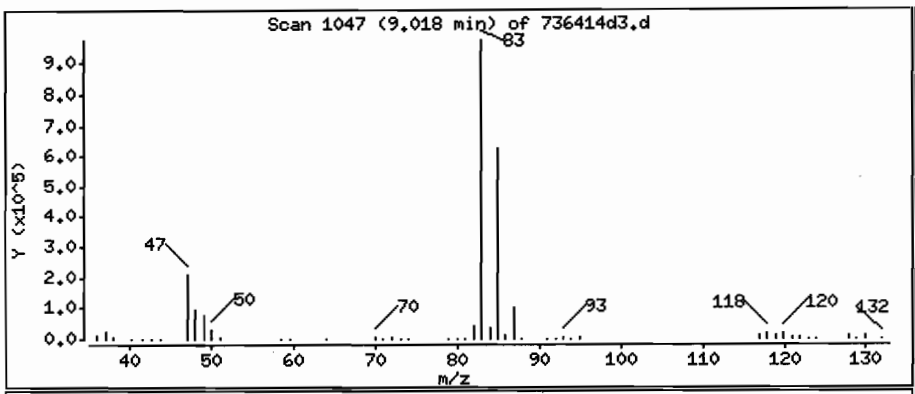
Operator: pad

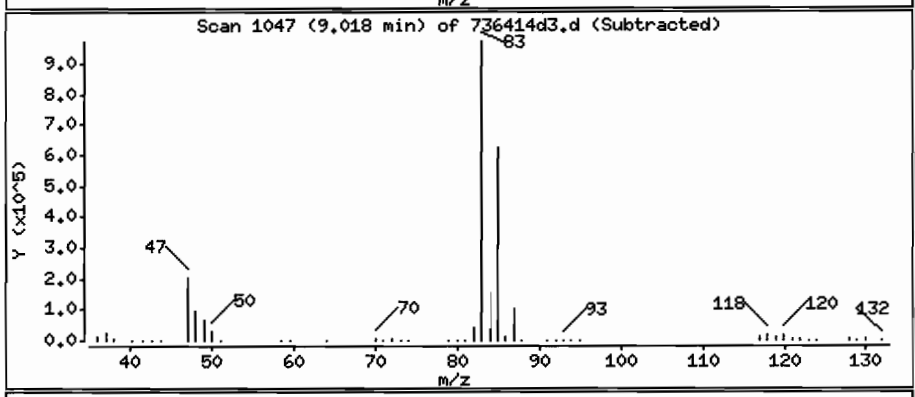
Column phase: RTX-624

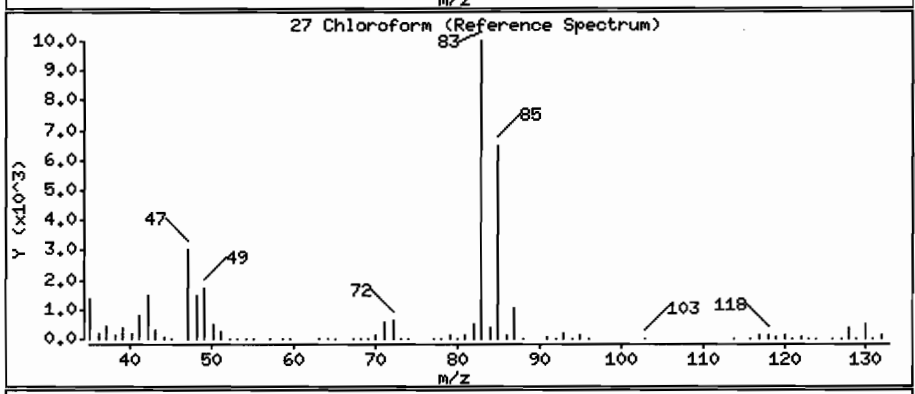
Column diameter: 0.32

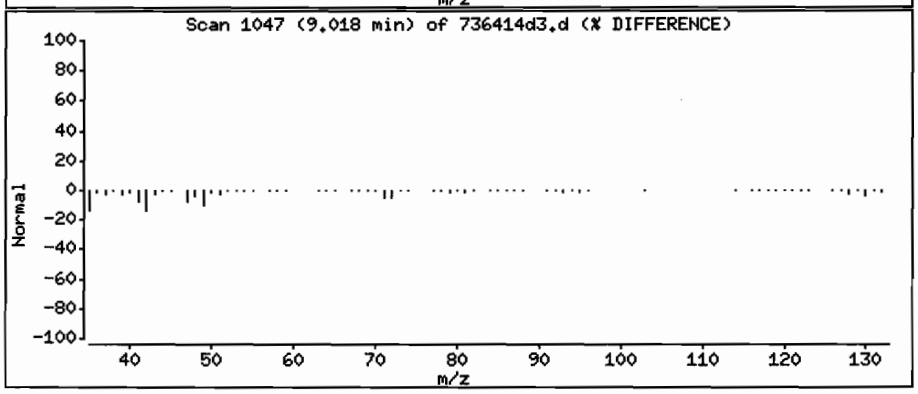
27 Chloroform

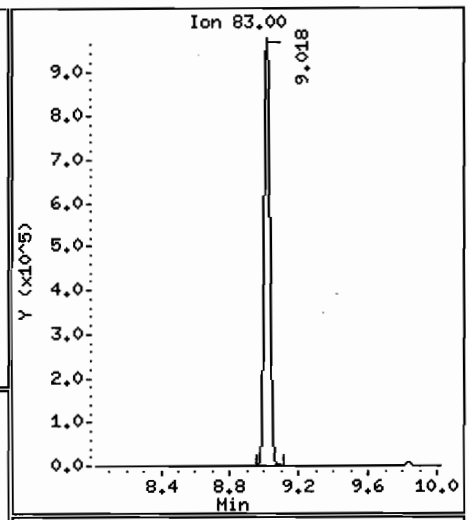
Concentration: 2200 ppbv

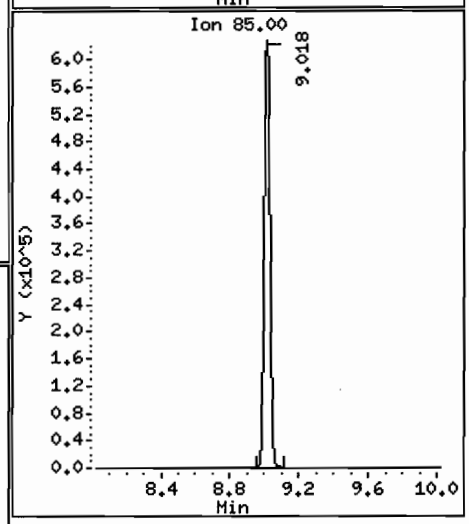












Data File: /chem/C.i/Csvr.p/cgcbto15.b/736414d3.d

Date : 29-DEC-2007 10:45

Client ID: 20071219FD

Instrument: C.i

Sample Info: 20071219FD :[J12/19/07 @ (AIR)

Purge Volume: 53.0

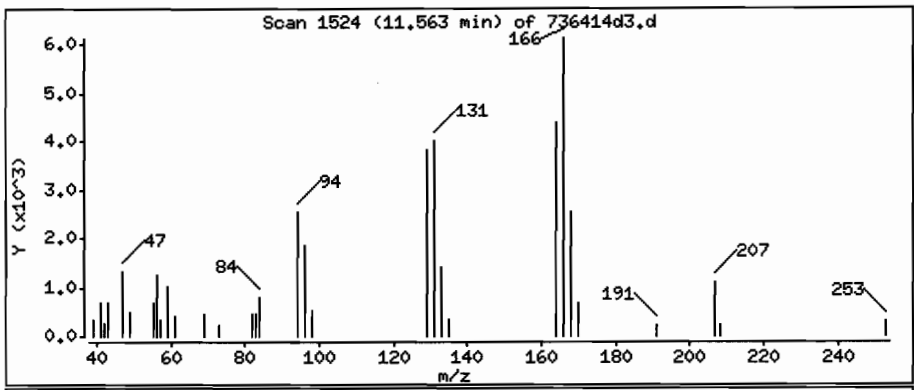
Operator: pad

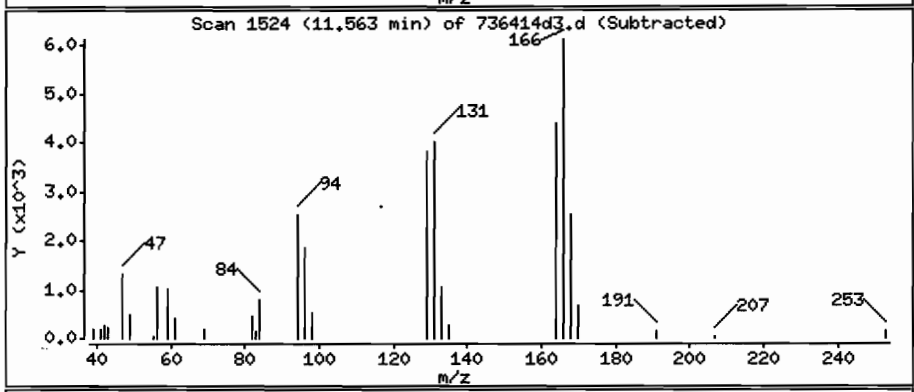
Column phase: RTX-624

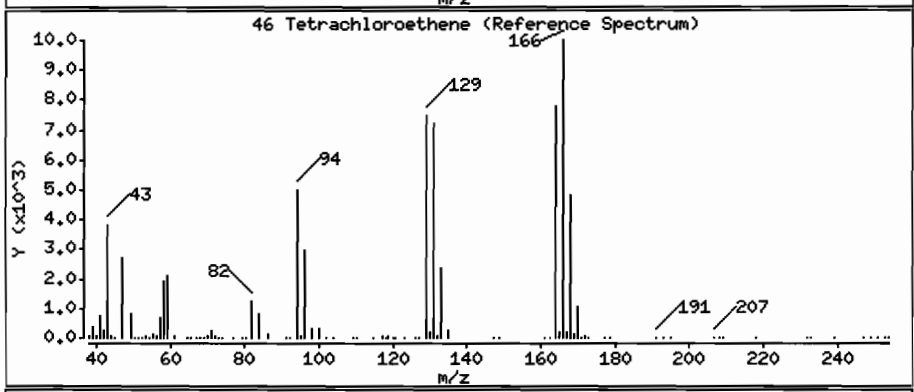
Column diameter: 0.32

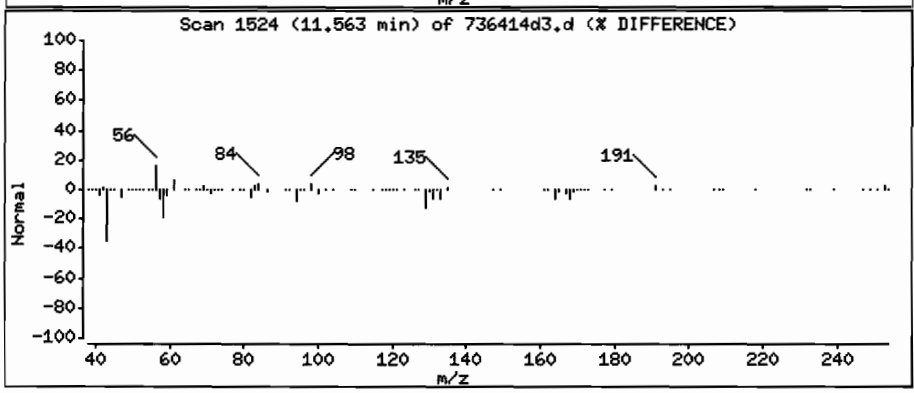
46 Tetrachloroethene

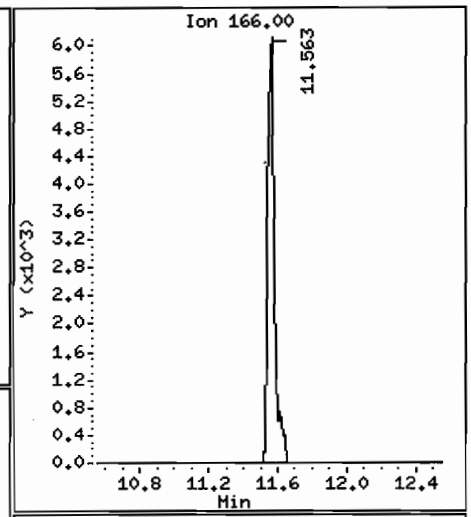
Concentration: 22 ppbv

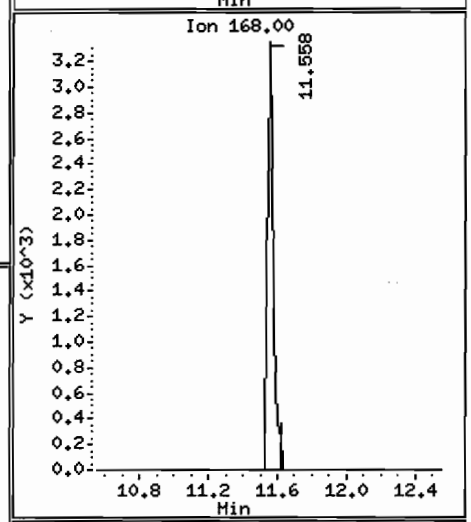


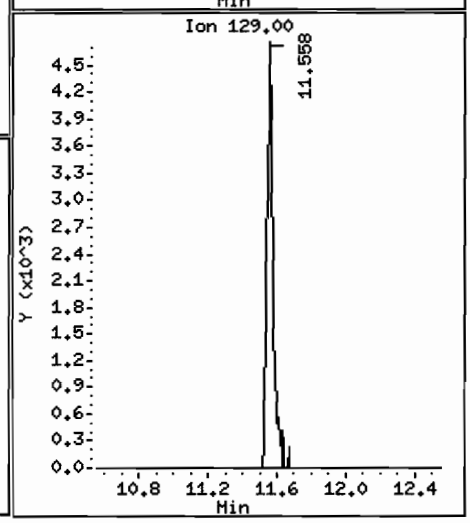












Standards – TO-15 Volatile

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Instrument ID: C Calibration Date(s): 12/26/07 12/26/07

Heated Purge: (Y/N) N Calibration Time(s): 1458 2002

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=CGC002V RRF0.5=CGC005V
RRF2 = RRF5 =CGC05V RRF10 =CGC10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD
Chloromethane		1.176		0.938	0.828		
Vinyl Chloride	1.186	1.352		1.138	1.047		
Bromomethane	1.238	1.191		0.912	0.956		
Chloroethane		0.587		0.431	0.453		
1,1-Dichloroethene	0.930	0.931		0.753	0.840		
Acetone				1.357	1.179		
Carbon Disulfide		3.022		2.393	2.597		
Methylene Chloride		1.518		1.008	1.014		
trans-1,2-Dichloroethene	1.668	1.791		1.458	1.509		
1,1-Dichloroethane	* 2.065	2.160		1.784	1.835		*
Methyl Ethyl Ketone		0.360		0.353	0.338		
cis-1,2-Dichloroethene	1.095	1.099		0.898	0.989		
Chloroform	2.574	2.808		2.235	2.225		
1,1,1-Trichloroethane	0.636	0.726		0.676	0.668		
Carbon Tetrachloride	0.668	0.781		0.741	0.733		
Benzene	0.716	0.720		0.629	0.674		
1,2-Dichloroethane	0.371	0.430		0.390	0.375		
Trichloroethene	0.318	0.342		0.324	0.342		
1,2-Dichloropropane	0.227	0.242		0.207	0.229		
Bromodichloromethane	0.567	0.642		0.584	0.582		
cis-1,3-Dichloropropene	0.258	0.352		0.359	0.379		
Methyl Isobutyl Ketone		0.305		0.442	0.382		
Toluene	0.436	0.465		0.386	0.427		
trans-1,3-Dichloropropene	0.267	0.282		0.392	0.385		
1,1,2-Trichloroethane	0.211	0.240		0.198	0.208		
Tetrachloroethene	0.484	0.528		0.424	0.468		
Methyl Butyl Ketone		0.276		0.405	0.365		
Dibromochloromethane	0.544	0.604		0.524	0.542		
Chlorobenzene	* 0.681	0.702		0.594	0.634		*
Ethylbenzene	0.995	0.994		0.963	0.967		
Xylene (m,p)	0.517	0.390		0.366	0.378		
Xylene (o)	0.517	0.393		0.371	0.373		
Styrene	0.398	0.443		0.560	0.566		
Bromoform	0.458	0.528		0.532	0.532		
1,1,2,2-Tetrachloroethane	0.504	0.564		0.567	0.537		

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Instrument ID: C Calibration Date(s): 12/26/07 12/26/07

Heated Purge: (Y/N) N Calibration Time(s): 1458 2002

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =CGC15V RRF20 =CGC20V
RRF40 =CGC40V

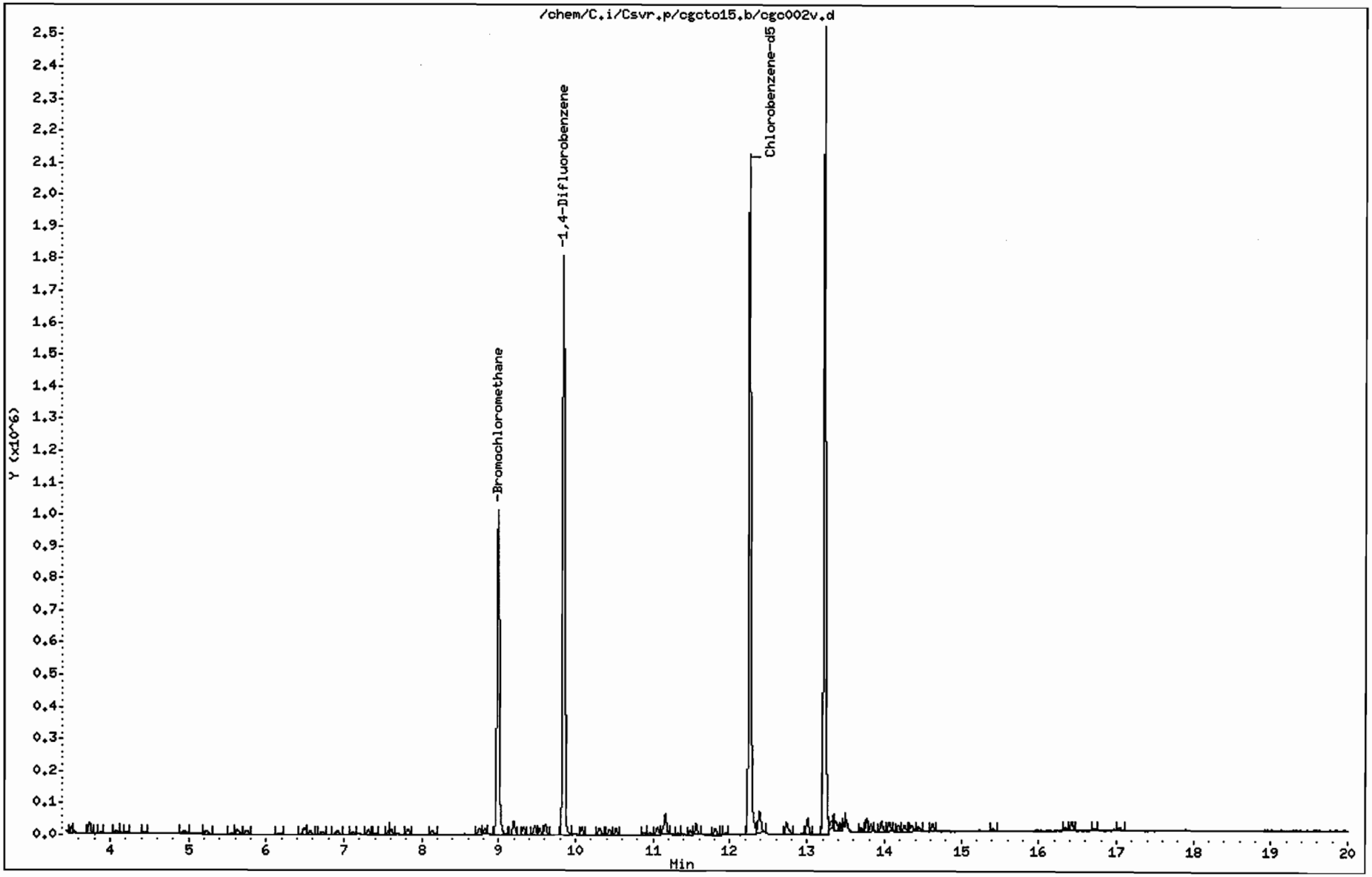
COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Chloromethane		0.717	0.667			0.865	23.4
Vinyl Chloride		0.922	0.867			1.085	16.5
Bromomethane		0.914	0.893			1.017	15.2
Chloroethane		0.450	0.437			0.472	13.8
1,1-Dichloroethene		0.824	0.808			0.848	8.3
Acetone	1.027	1.042	0.936			1.108	14.8
Carbon Disulfide		2.555	2.490			2.611	9.3
Methylene Chloride		0.932	0.879			1.070	24.0
trans-1,2-Dichloroethene		1.402	1.343			1.528	11.1
1,1-Dichloroethane *		1.725	1.651			1.870	10.7*
Methyl Ethyl Ketone		0.378	0.364			0.359	4.2
cis-1,2-Dichloroethene		0.998	1.008			1.014	7.4
Chloroform		2.088	1.998			2.321	13.3
1,1,1-Trichloroethane		0.528	0.622			0.643	10.4
Carbon Tetrachloride		0.570	0.677			0.695	10.7
Benzene		0.618	0.725			0.680	7.0
1,2-Dichloroethane		0.300	0.336			0.367	12.2
Trichloroethene		0.293	0.354			0.329	6.6
1,2-Dichloropropane		0.208	0.239			0.225	6.7
Bromodichloromethane		0.490	0.561			0.571	8.6
cis-1,3-Dichloropropene		0.347	0.404			0.350	14.2
Methyl Isobutyl Ketone		0.321	0.389			0.368	15.1
Toluene		0.413	0.431			0.426	6.1
trans-1,3-Dichloropropene		0.355	0.420			0.350	17.8
1,1,2-Trichloroethane		0.192	0.198			0.208	8.2
Tetrachloroethene		0.432	0.467			0.467	8.0
Methyl Butyl Ketone		0.302	0.320			0.334	15.4
Dibromochloromethane		0.488	0.517			0.536	7.2
Chlorobenzene *		0.610	0.660			0.647	6.5*
Ethylbenzene		0.924	0.963			0.968	2.7
Xylene (m,p)		0.388	0.424			0.410	13.5
Xylene (o)		0.373	0.406			0.406	13.9
Styrene		0.565	0.630			0.527	16.6
Bromoform		0.494	0.560			0.517	6.9
1,1,2,2-Tetrachloroethane		0.502	0.527			0.534	5.3

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc002v.d
Date : 26-DEC-2007 14:58
Client ID: ASTD002
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcto15.b/cgc002v.d
Lab Smp Id: ASTD002 Client Smp ID: ASTD002
Inj Date : 26-DEC-2007 14:58
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : astd002;122607cg;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Meth Date : 31-Dec-2007 13:05 klp Quant Type: ISTD
Cal Date : 26-DEC-2007 14:58 Cal File: cgc002v.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all002.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	2 1,2-Dichlorotetrafluoroethane	85	3.734	3.739	(0.416)	25489	0.20000	0.20
	4 Vinyl Chloride	62	4.123	4.129	(0.459)	7363	0.20000	0.20
	6 Bromomethane	94	4.935	4.940	(0.549)	7689	0.20000	0.20
	8 Bromoethene	106	5.543	5.548	(0.617)	6038	0.20000	0.20
	9 Trichlorofluoromethane	101	5.628	5.634	(0.626)	22006	0.20000	0.20
	10 Freon TF	101	6.493	6.493	(0.723)	13679	0.20000	0.20
	11 1,1-Dichloroethene	96	6.573	6.568	(0.732)	5777	0.20000	0.20
	19 trans-1,2-Dichloroethene	61	7.608	7.603	(0.847)	10358	0.20000	0.20
	21 1,1-Dichloroethane	63	8.131	8.131	(0.905)	12820	0.20000	0.20
M	22 1,2-Dichloroethene (total)	61				17155	0.40000	0.40
	24 cis-1,2-Dichloroethene	96	8.745	8.740	(0.973)	6797	0.20000	0.20
*	25 Bromochloromethane	128	8.985	8.985	(1.000)	310458	10.0000	
	27 Chloroform	83	9.017	9.023	(1.004)	15983	0.20000	0.20
	28 1,1,1-Trichloroethane	97	9.193	9.193	(0.934)	18981	0.20000	0.20
	29 Cyclohexane	84	9.204	9.199	(0.935)	9572	0.20000	0.20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	30 Carbon Tetrachloride	117	9.327	9.327	(0.948)	19926	0.20000	0.20
	31 2,2,4-Trimethylpentane	57	9.471	9.466	(0.963)	31789	0.20000	0.20
	32 Benzene	78	9.535	9.530	(0.969)	21371	0.20000	0.20
	34 n-Heptane	43	9.610	9.610	(0.977)	13184	0.20000	0.20
	33 1,2-Dichloroethane	62	9.594	9.594	(0.975)	11068	0.20000	0.20
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1492467	10.0000	
	36 Trichloroethene	95	10.074	10.074	(1.024)	9491	0.20000	0.20
	38 1,2-Dichloropropane	63	10.314	10.304	(1.048)	6790	0.20000	0.20(QM)
	40 Bromodichloromethane	83	10.517	10.512	(1.069)	16913	0.20000	0.20
	41 cis-1,3-Dichloropropene	75	10.875	10.869	(1.105)	7698	0.20000	0.20
	43 Toluene	92	11.125	11.115	(0.908)	11529	0.20000	0.20
	44 trans-1,3-Dichloropropene	75	11.323	11.307	(1.151)	7965	0.20000	0.20
	45 1,1,2-Trichloroethane	83	11.483	11.472	(0.937)	5590	0.20000	0.20
	46 Tetrachloroethene	166	11.558	11.552	(0.943)	12801	0.20000	0.20
	48 Dibromochloromethane	129	11.809	11.803	(0.964)	14367	0.20000	0.20
	49 1,2-Dibromoethane	107	11.942	11.931	(0.975)	8373	0.20000	0.20(Q)
*	50 Chlorobenzene-d5	117	12.251	12.252	(1.000)	1321530	10.0000	
	51 Chlorobenzene	112	12.278	12.278	(1.002)	18012	0.20000	0.20(Q)
	52 Ethylbenzene	91	12.300	12.294	(1.004)	26299	0.20000	0.20
M	55 Xylene (total)	106				40994	0.20000	0.60
	53 Xylene (m,p)	106	12.385	12.380	(1.011)	27325	0.40000	0.40(a)
	54 Xylene (o)	106	12.737	12.726	(1.040)	13669	0.20000	0.20
	56 Styrene	104	12.764	12.742	(1.042)	10511	0.20000	0.20(M)
	57 Bromoform	173	12.999	12.993	(1.061)	12110	0.20000	0.20
	58 1,1,2,2-Tetrachloroethane	83	13.308	13.303	(1.086)	13310	0.20000	0.20
	59 4-Ethyltoluene	105	13.447	13.436	(1.098)	18611	0.20000	0.20
	60 1,3,5-Trimethylbenzene	105	13.484	13.479	(1.101)	26335	0.20000	0.20
	61 2-Chlorotoluene	91	13.511	13.506	(1.103)	21793	0.20000	0.20
	62 1,2,4-Trimethylbenzene	105	13.826	13.815	(1.129)	19093	0.20000	0.20
	63 1,3-Dichlorobenzene	146	14.173	14.167	(1.157)	13488	0.20000	0.20
	64 1,4-Dichlorobenzene	146	14.258	14.248	(1.164)	15001	0.20000	0.20
	65 1,2-Dichlorobenzene	146	14.626	14.621	(1.194)	13714	0.20000	0.20
	67 Hexachlorobutadiene	225	16.425	16.425	(1.341)	8018	0.20000	0.20

QC Flag Legend

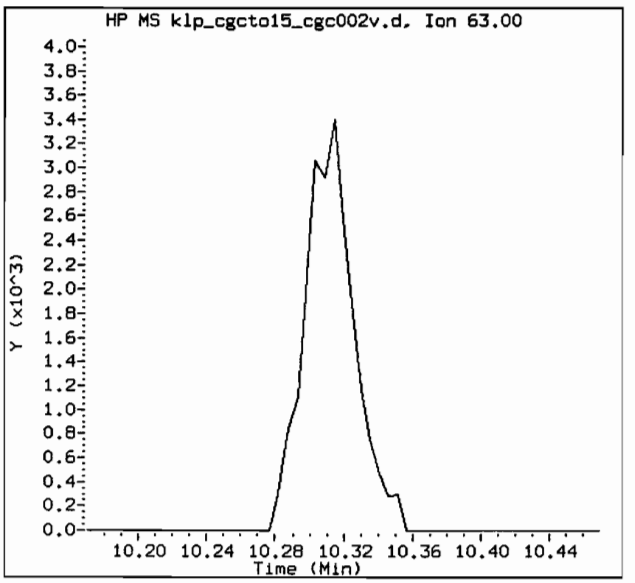
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

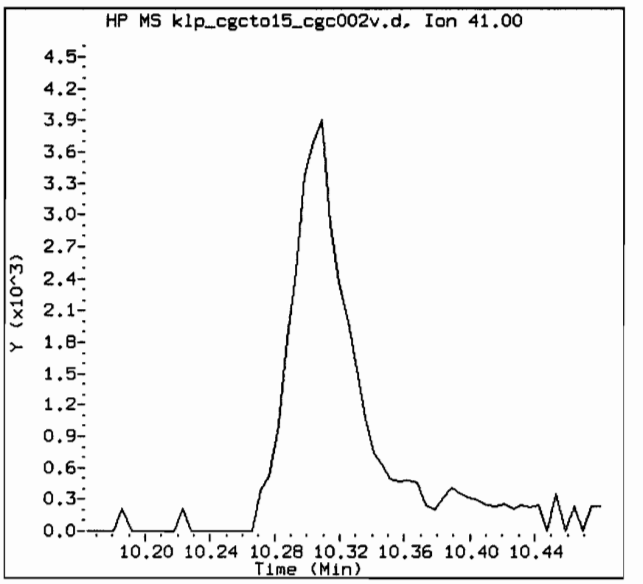
MANUAL INTEGRATION REPORT

Data File Name: cgc002v.d
Client Sample ID: ASTD002
Compound Name: 1,2-Dichloropropane

Inj. Date and Time: 26-DEC-2007 14:58
Instrument ID: C.i
CAS #: 78-87-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 12/31/2007 13:05

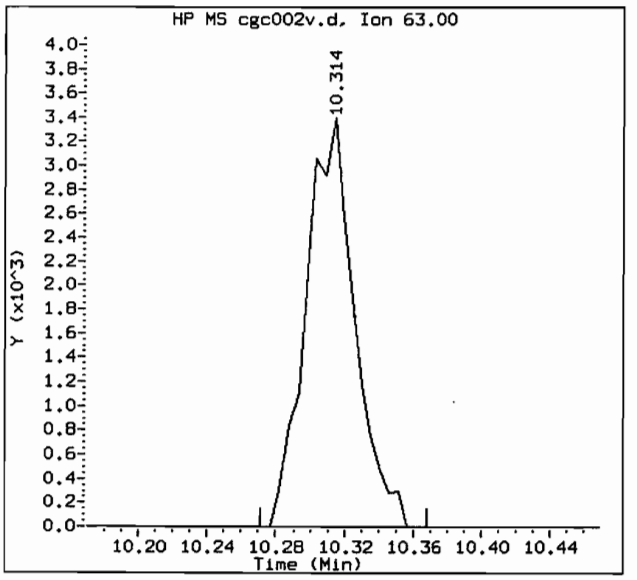


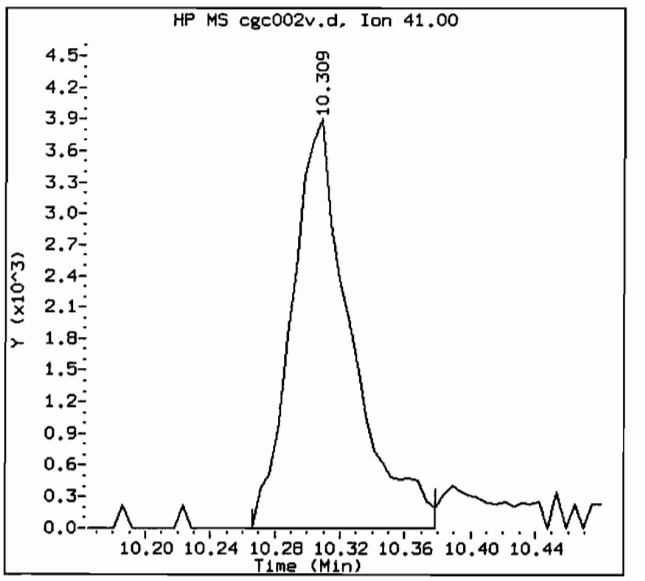


Original Integrations:

Area = 313578

Area = 1810





Final Integrations:

Area = 6790

Area = 9868

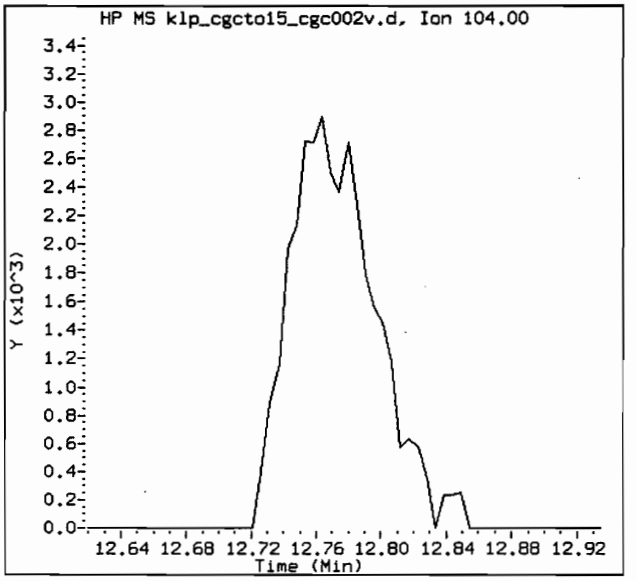
Manual Integration Reason: MI2 - Peak missed

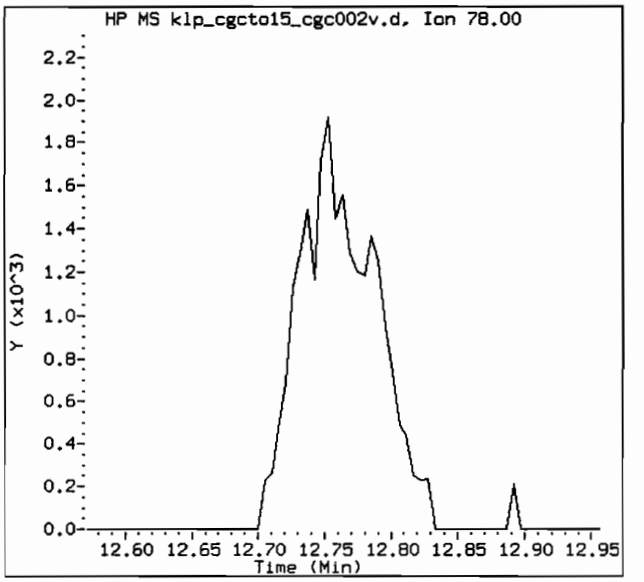
MANUAL INTEGRATION REPORT

Data File Name: cgc002v.d
Client Sample ID: ASTD002
Compound Name: Styrene

Inj. Date and Time: 26-DEC-2007 14:58
Instrument ID: C.i
CAS #: 100-42-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 12/31/2007 13:05

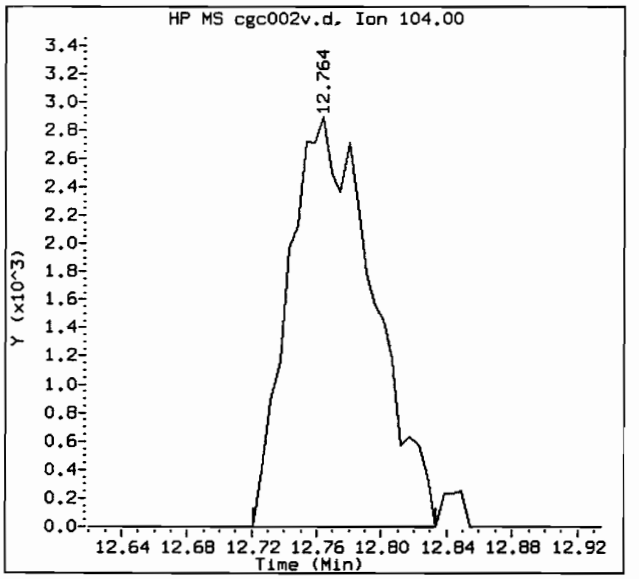


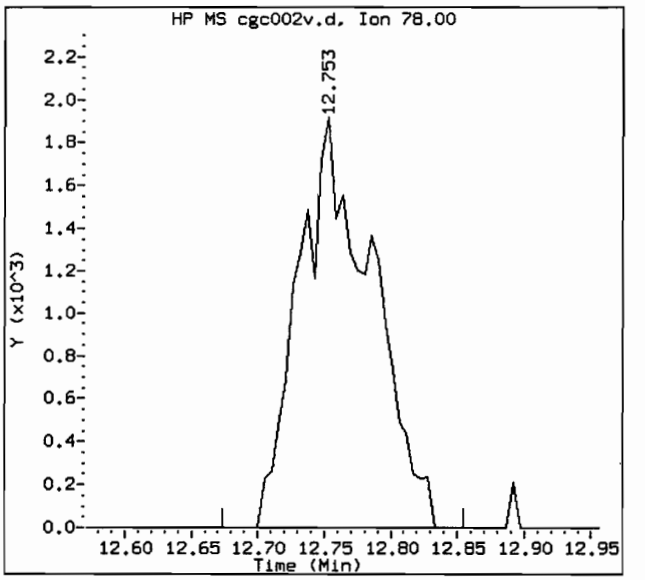


Original Integrations:

Area = 387

Area = 3374





Final Integrations:

Area = 10511

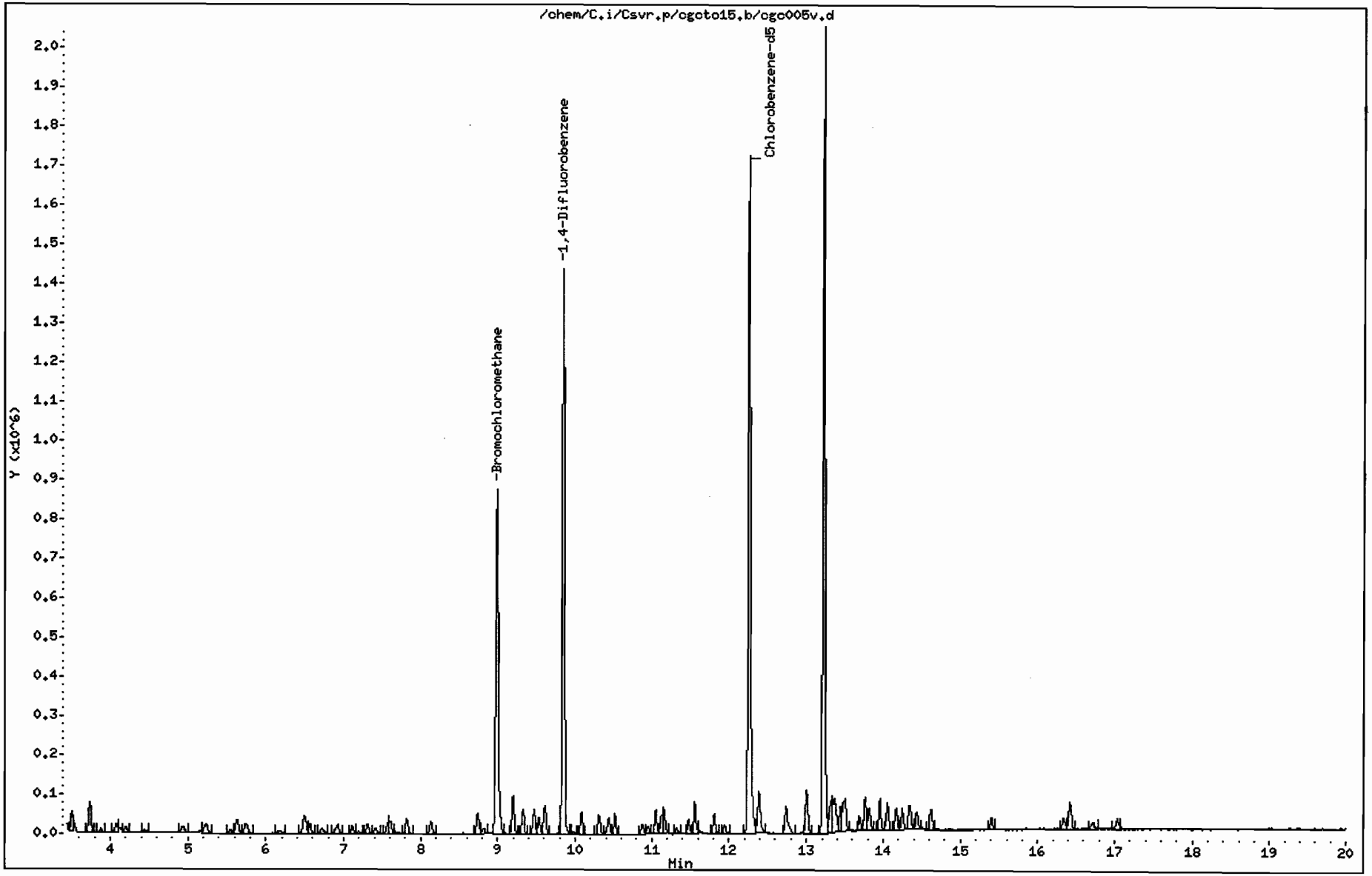
Area = 7356

Manual Integration Reason: MI2 - Peak missed

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc005v.d
Date : 26-DEC-2007 15:48
Client ID: ASTD005
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcto15.b/cgc005v.d
Lab Smp Id: ASTD005 Client Smp ID: ASTD005
Inj Date : 26-DEC-2007 15:48
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : astd005;122607cg;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Meth Date : 31-Dec-2007 13:05 klp Quant Type: ISTD
Cal Date : 26-DEC-2007 15:48 Cal File: cgc005v.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all005.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.499	3.504	(0.389)	55156	0.50000	0.50
168 Freon 22	51	3.537	3.542	(0.394)	27482	0.50000	0.50
2 1,2-Dichlorotetrafluoroethane	85	3.734	3.739	(0.416)	54310	0.50000	0.52
3 Chloromethane	50	3.878	3.883	(0.432)	14621	0.50000	0.50
4 Vinyl Chloride	62	4.129	4.129	(0.460)	16803	0.50000	0.53
5 1,3-Butadiene	54	4.198	4.203	(0.467)	10473	0.50000	0.50
6 Bromomethane	94	4.929	4.940	(0.549)	14806	0.50000	0.49
7 Chloroethane	64	5.154	5.164	(0.574)	7299	0.50000	0.50
8 Bromoethene	106	5.549	5.548	(0.617)	11254	0.50000	0.48
9 Trichlorofluoromethane	101	5.629	5.634	(0.626)	49042	0.50000	0.53
10 Freon TF	101	6.493	6.493	(0.723)	26795	0.50000	0.49
11 1,1-Dichloroethene	96	6.563	6.568	(0.730)	11571	0.50000	0.50
14 Carbon Disulfide	76	6.920	6.925	(0.770)	37565	0.50000	0.50
15 3-Chloropropene	41	7.112	7.112	(0.792)	17063	0.50000	0.50
16 Methylene Chloride	49	7.310	7.310	(0.814)	18877	0.50000	0.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	18 Methyl tert-Butyl Ether	73	7.566	7.555	(0.842)	34601	0.50000	0.50
	19 trans-1,2-Dichloroethene	61	7.609	7.603	(0.847)	22264	0.50000	0.52
	20 n-Hexane	57	7.811	7.817	(0.869)	21214	0.50000	0.50
	21 1,1-Dichloroethane	63	8.132	8.131	(0.905)	26857	0.50000	0.51
M	22 1,2-Dichloroethene (total)	61				35928	1.00000	1.0
	23 Methyl Ethyl Ketone	72	8.740	8.734	(0.973)	4481	0.50000	0.50(Q)
	24 cis-1,2-Dichloroethene	96	8.740	8.740	(0.973)	13664	0.50000	0.50
*	25 Bromochloromethane	128	8.986	8.985	(1.000)	248615	10.0000	
	27 Chloroform	83	9.023	9.023	(1.004)	34900	0.50000	0.52
	28 1,1,1-Trichloroethane	97	9.188	9.193	(0.934)	41308	0.50000	0.53
	29 Cyclohexane	84	9.199	9.199	(0.935)	18897	0.50000	0.51
	30 Carbon Tetrachloride	117	9.322	9.327	(0.947)	44406	0.50000	0.54
	31 2,2,4-Trimethylpentane	57	9.466	9.466	(0.962)	64718	0.50000	0.52
	32 Benzene	78	9.535	9.530	(0.969)	40959	0.50000	0.50
	34 n-Heptane	43	9.610	9.610	(0.977)	25987	0.50000	0.51
	33 1,2-Dichloroethane	62	9.594	9.594	(0.975)	24455	0.50000	0.54
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1137625	10.0000	
	36 Trichloroethene	95	10.080	10.074	(1.024)	19443	0.50000	0.52
	37 Methyl Methacrylate	69	10.298	10.288	(1.047)	6437	0.50000	0.50(Q)
	38 1,2-Dichloropropane	63	10.309	10.304	(1.048)	13797	0.50000	0.52
	40 Bromodichloromethane	83	10.517	10.512	(1.069)	36513	0.50000	0.53
	41 cis-1,3-Dichloropropene	75	10.875	10.869	(1.105)	20043	0.50000	0.58
	42 Methyl Isobutyl Ketone	43	10.949	10.933	(1.113)	17342	0.50000	0.50
	43 Toluene	92	11.120	11.115	(0.908)	23489	0.50000	0.52
	44 trans-1,3-Dichloropropene	75	11.318	11.307	(1.150)	16073	0.50000	0.51
	45 1,1,2-Trichloroethane	83	11.478	11.472	(0.937)	12118	0.50000	0.53
	46 Tetrachloroethene	166	11.558	11.552	(0.943)	26687	0.50000	0.52
	47 Methyl Butyl Ketone	43	11.601	11.584	(0.947)	13968	0.50000	0.50
	48 Dibromochloromethane	129	11.809	11.803	(0.964)	30540	0.50000	0.53
	49 1,2-Dibromoethane	107	11.942	11.931	(0.975)	20948	0.50000	0.57
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1011133	10.0000	
	51 Chlorobenzene	112	12.278	12.278	(1.002)	35482	0.50000	0.51(Q)
	52 Ethylbenzene	91	12.300	12.294	(1.004)	50283	0.50000	0.50
M	55 Xylene (total)	106				59342	0.50000	1.3
	53 Xylene (m,p)	106	12.385	12.380	(1.011)	39467	1.00000	0.86
	54 Xylene (o)	106	12.737	12.726	(1.040)	19875	0.50000	0.43
	56 Styrene	104	12.759	12.742	(1.041)	22397	0.50000	0.53
	57 Bromoform	173	12.994	12.993	(1.061)	26672	0.50000	0.54
	58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	28492	0.50000	0.53
	59 4-Ethyltoluene	105	13.442	13.436	(1.097)	47591	0.50000	0.57
	60 1,3,5-Trimethylbenzene	105	13.485	13.479	(1.101)	48280	0.50000	0.49
	61 2-Chlorotoluene	91	13.511	13.506	(1.103)	52821	0.50000	0.56
	62 1,2,4-Trimethylbenzene	105	13.826	13.815	(1.129)	39253	0.50000	0.52
	63 1,3-Dichlorobenzene	146	14.178	14.167	(1.157)	31343	0.50000	0.55
	64 1,4-Dichlorobenzene	146	14.253	14.248	(1.163)	31486	0.50000	0.52
	65 1,2-Dichlorobenzene	146	14.632	14.621	(1.194)	30281	0.50000	0.54
	66 1,2,4-Trichlorobenzene	180	16.345	16.340	(1.334)	16122	0.50000	0.50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
67 Hexachlorobutadiene	225	16.425	16.425	(1.341)	19136	0.50000	0.56
68 Naphthalene	128	16.719	16.702	(1.365)	23096	0.50000	0.50

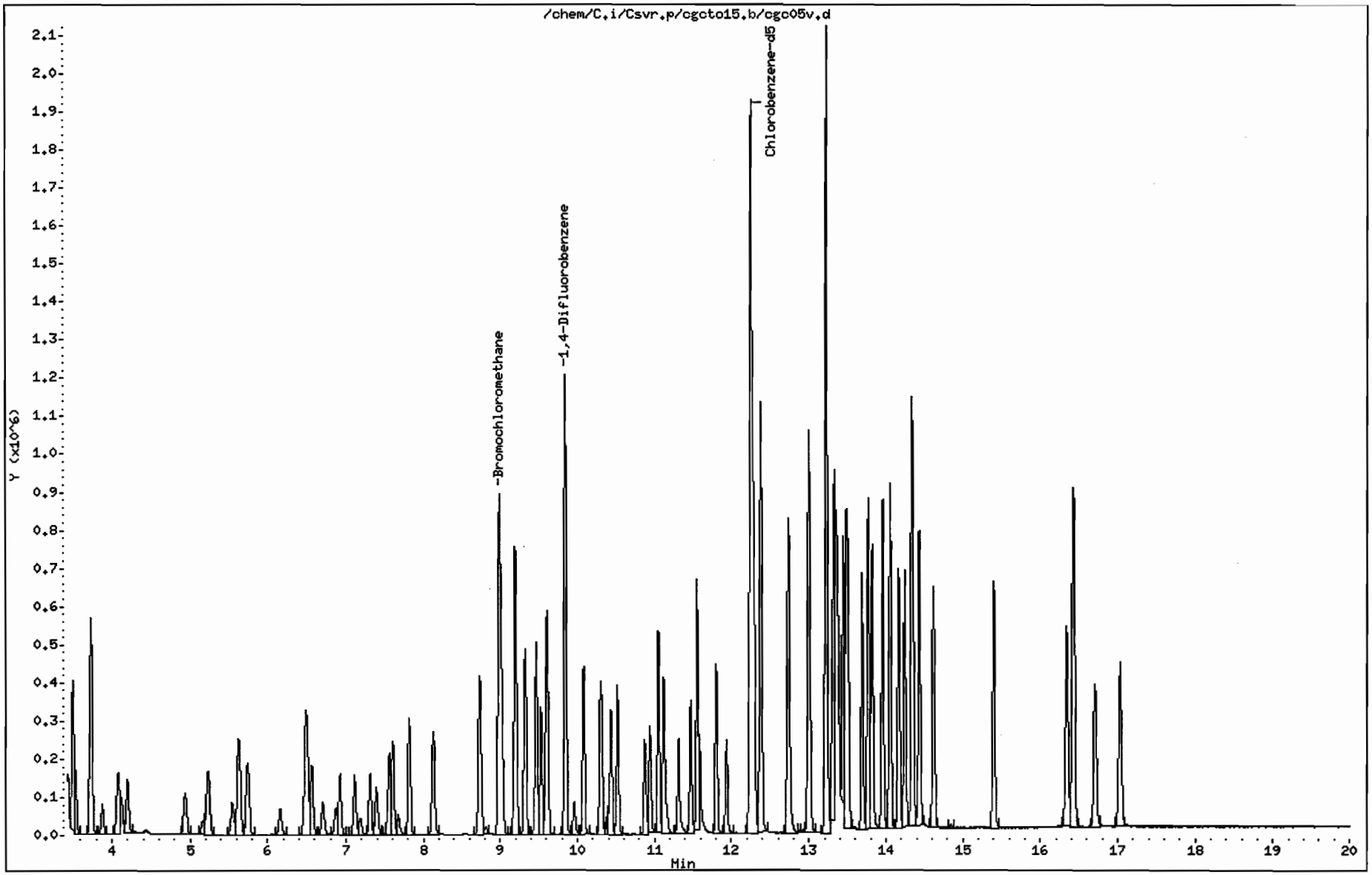
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc05v.d
Date : 26-DEC-2007 16:39
Client ID: ASTD05
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcto15.b/cgc05v.d
Lab Smp Id: ASTD05 Client Smp ID: ASTD05
Inj Date : 26-DEC-2007 16:39
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : astd05;122607cg;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Meth Date : 31-Dec-2007 13:05 klp Quant Type: ISTD
Cal Date : 26-DEC-2007 16:39 Cal File: cgc05v.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.499	3.504	(0.389)	421194	5.00000	4.5
168 Freon 22	51	3.536	3.542	(0.394)	200093	5.00000	4.4
2 1,2-Dichlorotetrafluoroethane	85	3.734	3.739	(0.416)	405332	5.00000	4.3
3 Chloromethane	50	3.878	3.883	(0.432)	109900	5.00000	4.4
4 Vinyl Chloride	62	4.123	4.129	(0.459)	133377	5.00000	4.6
5 1,3-Butadiene	54	4.198	4.203	(0.467)	94001	5.00000	4.9
6 Bromomethane	94	4.935	4.940	(0.549)	106913	5.00000	4.1
7 Chloroethane	64	5.164	5.164	(0.575)	50523	5.00000	4.2
8 Bromoethene	106	5.543	5.548	(0.617)	89324	5.00000	4.3
9 Trichlorofluoromethane	101	5.628	5.634	(0.626)	368421	5.00000	4.4
10 Freon TF	101	6.493	6.493	(0.723)	203610	5.00000	4.3
11 1,1-Dichloroethene	96	6.568	6.568	(0.731)	88202	5.00000	4.3(Q)
12 Acetone	43	6.701	6.701	(0.746)	158977	5.00000	5.0
13 Isopropyl Alcohol	45	6.867	6.867	(0.764)	118416	5.00000	5.0
14 Carbon Disulfide	76	6.920	6.925	(0.770)	280326	5.00000	4.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	15 3-Chloropropene	41	7.107	7.112	(0.791)	134421	5.00000	4.6
	16 Methylene Chloride	49	7.310	7.310	(0.813)	118088	5.00000	4.0
	17 tert-Butyl Alcohol	59	7.390	7.390	(0.822)	189035	5.00000	5.0
	18 Methyl tert-Butyl Ether	73	7.555	7.555	(0.841)	286232	5.00000	4.7
	19 trans-1,2-Dichloroethene	61	7.603	7.603	(0.846)	170773	5.00000	4.4
	20 n-Hexane	57	7.817	7.817	(0.870)	170231	5.00000	4.6
	21 1,1-Dichloroethane	63	8.131	8.131	(0.905)	209080	5.00000	4.5
M	22 1,2-Dichloroethene (total)	61				275941	10.0000	8.8
	23 Methyl Ethyl Ketone	72	8.729	8.734	(0.971)	41374	5.00000	4.9(Q)
	24 cis-1,2-Dichloroethene	96	8.740	8.740	(0.973)	105168	5.00000	4.4
	26 Tetrahydrofuran	42	9.007	9.007	(0.915)	101557	5.00000	5.0
*	25 Bromochloromethane	128	8.985	8.985	(1.000)	234325	10.0000	
	27 Chloroform	83	9.023	9.023	(1.004)	261855	5.00000	4.4
	28 1,1,1-Trichloroethane	97	9.194	9.193	(0.934)	318025	5.00000	5.0
	29 Cyclohexane	84	9.199	9.199	(0.935)	155222	5.00000	5.0
	30 Carbon Tetrachloride	117	9.327	9.327	(0.948)	348370	5.00000	5.1
	31 2,2,4-Trimethylpentane	57	9.466	9.466	(0.962)	519686	5.00000	5.0
	32 Benzene	78	9.530	9.530	(0.969)	295780	5.00000	4.6
	34 n-Heptane	43	9.610	9.610	(0.977)	202148	5.00000	4.9
	33 1,2-Dichloroethane	62	9.594	9.594	(0.975)	183357	5.00000	4.9
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	940504	10.0000	
	36 Trichloroethene	95	10.074	10.074	(1.024)	152459	5.00000	4.9
	37 Methyl Methacrylate	69	10.288	10.288	(1.046)	93211	5.00000	6.4
	38 1,2-Dichloropropane	63	10.309	10.304	(1.048)	97201	5.00000	4.6(Q)
	39 1,4-Dioxane	88	10.384	10.384	(1.055)	41364	5.00000	5.0
	40 Bromodichloromethane	83	10.512	10.512	(1.068)	274873	5.00000	4.9
	41 cis-1,3-Dichloropropene	75	10.869	10.869	(1.105)	168907	5.00000	5.6
	42 Methyl Isobutyl Ketone	43	10.939	10.933	(1.112)	207989	5.00000	5.9
	43 Toluene	92	11.115	11.115	(0.907)	182996	5.00000	4.5
	44 trans-1,3-Dichloropropene	75	11.312	11.307	(1.150)	184278	5.00000	6.2
	45 1,1,2-Trichloroethane	83	11.472	11.472	(0.936)	93880	5.00000	4.6
	46 Tetrachloroethene	166	11.558	11.552	(0.943)	201445	5.00000	4.4
	47 Methyl Butyl Ketone	43	11.590	11.584	(0.946)	192183	5.00000	5.9
	48 Dibromochloromethane	129	11.803	11.803	(0.963)	248680	5.00000	4.7
	49 1,2-Dibromoethane	107	11.937	11.931	(0.974)	185123	5.00000	5.2
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	948924	10.0000	
	51 Chlorobenzene	112	12.278	12.278	(1.002)	281713	5.00000	4.5
	52 Ethylbenzene	91	12.294	12.294	(1.003)	456776	5.00000	4.9
M	55 Xylene (total)	106				522901	5.00000	13
	53 Xylene (m,p)	106	12.380	12.380	(1.010)	347040	10.0000	8.6
	54 Xylene (o)	106	12.727	12.726	(1.039)	175861	5.00000	4.3
	56 Styrene	104	12.743	12.742	(1.040)	265497	5.00000	6.0
	57 Bromoform	173	12.993	12.993	(1.061)	252413	5.00000	5.3
	58 1,1,2,2-Tetrachloroethane	83	13.308	13.303	(1.086)	269073	5.00000	5.2
	59 4-Ethyltoluene	105	13.442	13.436	(1.097)	547506	5.00000	6.2
	60 1,3,5-Trimethylbenzene	105	13.479	13.479	(1.100)	522608	5.00000	5.4
	61 2-Chlorotoluene	91	13.506	13.506	(1.102)	487776	5.00000	5.3

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 1,2,4-Trimethylbenzene	105	13.821	13.815	(1.128)	482826	5.00000	6.1
63 1,3-Dichlorobenzene	146	14.168	14.167	(1.156)	327698	5.00000	5.7
64 1,4-Dichlorobenzene	146	14.248	14.248	(1.163)	330669	5.00000	5.5
65 1,2-Dichlorobenzene	146	14.621	14.621	(1.193)	324756	5.00000	5.7
66 1,2,4-Trichlorobenzene	180	16.340	16.340	(1.334)	253031	5.00000	6.3
67 Hexachlorobutadiene	225	16.425	16.425	(1.341)	260610	5.00000	6.7
68 Naphthalene	128	16.708	16.702	(1.364)	488528	5.00000	6.9

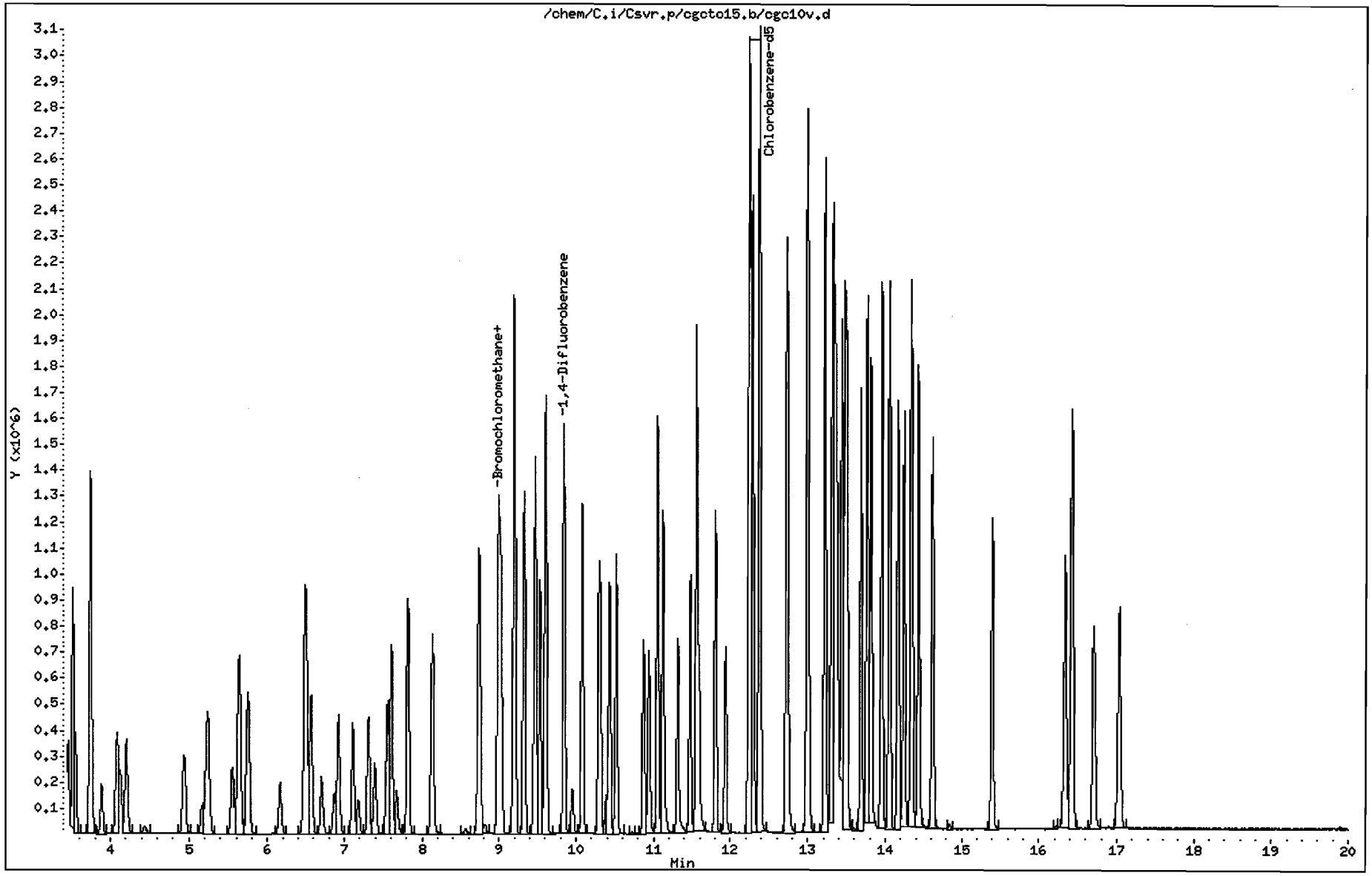
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc10v.d
Date : 26-DEC-2007 17:30
Client ID: ASTD10
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcto15.b/cgc10v.d
Lab Smp Id: ASTD10 Client Smp ID: ASTD10
Inj Date : 26-DEC-2007 17:30
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : astd10;122607cg;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Meth Date : 31-Dec-2007 13:05 klp Quant Type: ISTD
Cal Date : 26-DEC-2007 17:30 Cal File: cgc10v.d
Als bottle: 2 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	3.504	3.504	(0.390)	987676	10.0000	8.3
168 Freon 22	51	3.542	3.542	(0.394)	473032	10.0000	8.2
2 1,2-Dichlorotetrafluoroethane	85	3.739	3.739	(0.416)	1002062	10.0000	8.3
3 Chloromethane	50	3.883	3.883	(0.432)	267519	10.0000	8.4
4 Vinyl Chloride	62	4.129	4.129	(0.459)	338190	10.0000	8.9
5 1,3-Butadiene	54	4.203	4.203	(0.468)	244540	10.0000	9.5
6 Bromomethane	94	4.940	4.940	(0.550)	308765	10.0000	8.9
7 Chloroethane	64	5.164	5.164	(0.575)	146420	10.0000	9.2
8 Bromoethene	106	5.548	5.548	(0.617)	277153	10.0000	9.8
9 Trichlorofluoromethane	101	5.634	5.634	(0.627)	980660	10.0000	8.9
10 Freon TF	101	6.493	6.493	(0.723)	603353	10.0000	9.4
11 1,1-Dichloroethene	96	6.568	6.568	(0.731)	271323	10.0000	9.7
12 Acetone	43	6.701	6.701	(0.746)	380730	10.0000	9.3
13 Isopropyl Alcohol	45	6.867	6.867	(0.764)	268078	10.0000	9.0
14 Carbon Disulfide	76	6.925	6.925	(0.771)	838614	10.0000	9.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	15 3-Chloropropene	41	7.112	7.112	(0.792)	376715	10.0000	9.5
	16 Methylene Chloride	49	7.310	7.310	(0.813)	327439	10.0000	8.6
	17 tert-Butyl Alcohol	59	7.390	7.390	(0.822)	428898	10.0000	9.0
	18 Methyl tert-Butyl Ether	73	7.555	7.555	(0.841)	704945	10.0000	8.8
	19 trans-1,2-Dichloroethene	61	7.603	7.603	(0.846)	487317	10.0000	9.4
	20 n-Hexane	57	7.817	7.817	(0.870)	511900	10.0000	10
	21 1,1-Dichloroethane	63	8.131	8.131	(0.905)	592421	10.0000	9.4
M	22 1,2-Dichloroethene (total)	61				806740	20.0000	19
	23 Methyl Ethyl Ketone	72	8.734	8.734	(0.972)	109051	10.0000	9.6
	24 cis-1,2-Dichloroethene	96	8.740	8.740	(0.973)	319423	10.0000	9.7
	26 Tetrahydrofuran	42	9.007	9.007	(0.915)	249296	10.0000	9.4
*	25 Bromochloromethane	128	8.985	8.985	(1.000)	322908	10.0000	
	27 Chloroform	83	9.023	9.023	(1.004)	718592	10.0000	9.0
	28 1,1,1-Trichloroethane	97	9.193	9.193	(0.934)	864416	10.0000	9.9
	29 Cyclohexane	84	9.199	9.199	(0.935)	467631	10.0000	11
	30 Carbon Tetrachloride	117	9.327	9.327	(0.948)	948168	10.0000	10
	31 2,2,4-Trimethylpentane	57	9.466	9.466	(0.962)	1532281	10.0000	11
	32 Benzene	78	9.530	9.530	(0.969)	870777	10.0000	9.8
	34 n-Heptane	43	9.610	9.610	(0.977)	578830	10.0000	10
	33 1,2-Dichloroethane	62	9.594	9.594	(0.975)	485355	10.0000	9.6
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1292906	10.0000	
	36 Trichloroethene	95	10.074	10.074	(1.024)	442152	10.0000	10
	37 Methyl Methacrylate	69	10.288	10.288	(1.046)	237662	10.0000	11
	38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	295572	10.0000	10
	39 1,4-Dioxane	88	10.384	10.384	(1.055)	105785	10.0000	9.6
	40 Bromodichloromethane	83	10.512	10.512	(1.068)	752446	10.0000	9.8
	41 cis-1,3-Dichloropropene	75	10.869	10.869	(1.105)	489794	10.0000	11
	42 Methyl Isobutyl Ketone	43	10.933	10.933	(1.111)	494239	10.0000	10
	43 Toluene	92	11.115	11.115	(0.907)	555686	10.0000	10
	44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.149)	498165	10.0000	12
	45 1,1,2-Trichloroethane	83	11.472	11.472	(0.936)	271034	10.0000	9.7
	46 Tetrachloroethene	166	11.552	11.552	(0.943)	608978	10.0000	9.8
	47 Methyl Butyl Ketone	43	11.584	11.584	(0.946)	475219	10.0000	10
	48 Dibromochloromethane	129	11.803	11.803	(0.963)	705452	10.0000	9.8
	49 1,2-Dibromoethane	107	11.931	11.931	(0.974)	530360	10.0000	11
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1301601	10.0000	
	51 Chlorobenzene	112	12.278	12.278	(1.002)	824648	10.0000	9.7
	52 Ethylbenzene	91	12.294	12.294	(1.003)	1259226	10.0000	9.9
M	55 Xylene (total)	106				1470827	10.0000	27
	53 Xylene (m,p)	106	12.380	12.380	(1.010)	985195	20.0000	18
	54 Xylene (o)	106	12.726	12.726	(1.039)	485632	10.0000	9.0
	56 Styrene	104	12.742	12.742	(1.040)	737122	10.0000	12
	57 Bromoform	173	12.993	12.993	(1.061)	691856	10.0000	10
	58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	699098	10.0000	9.9
	59 4-Ethyltoluene	105	13.436	13.436	(1.097)	1437339	10.0000	11
	60 1,3,5-Trimethylbenzene	105	13.479	13.479	(1.100)	1275332	10.0000	9.7
	61 2-Chlorotoluene	91	13.506	13.506	(1.102)	1224339	10.0000	9.8

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 1,2,4-Trimethylbenzene	105	13.815	13.815	(1.128)	1171932	10.0000	11
63 1,3-Dichlorobenzene	146	14.167	14.167	(1.156)	812463	10.0000	10
64 1,4-Dichlorobenzene	146	14.248	14.248	(1.163)	804538	10.0000	9.9
65 1,2-Dichlorobenzene	146	14.621	14.621	(1.193)	788151	10.0000	10
66 1,2,4-Trichlorobenzene	180	16.340	16.340	(1.334)	514984	10.0000	9.5
67 Hexachlorobutadiene	225	16.425	16.425	(1.341)	485776	10.0000	9.3
68 Naphthalene	128	16.702	16.702	(1.363)	1001076	10.0000	10

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc15v.d

Page 2

Date : 26-DEC-2007 18:21

Client ID: ASTD15

Instrument: C.i

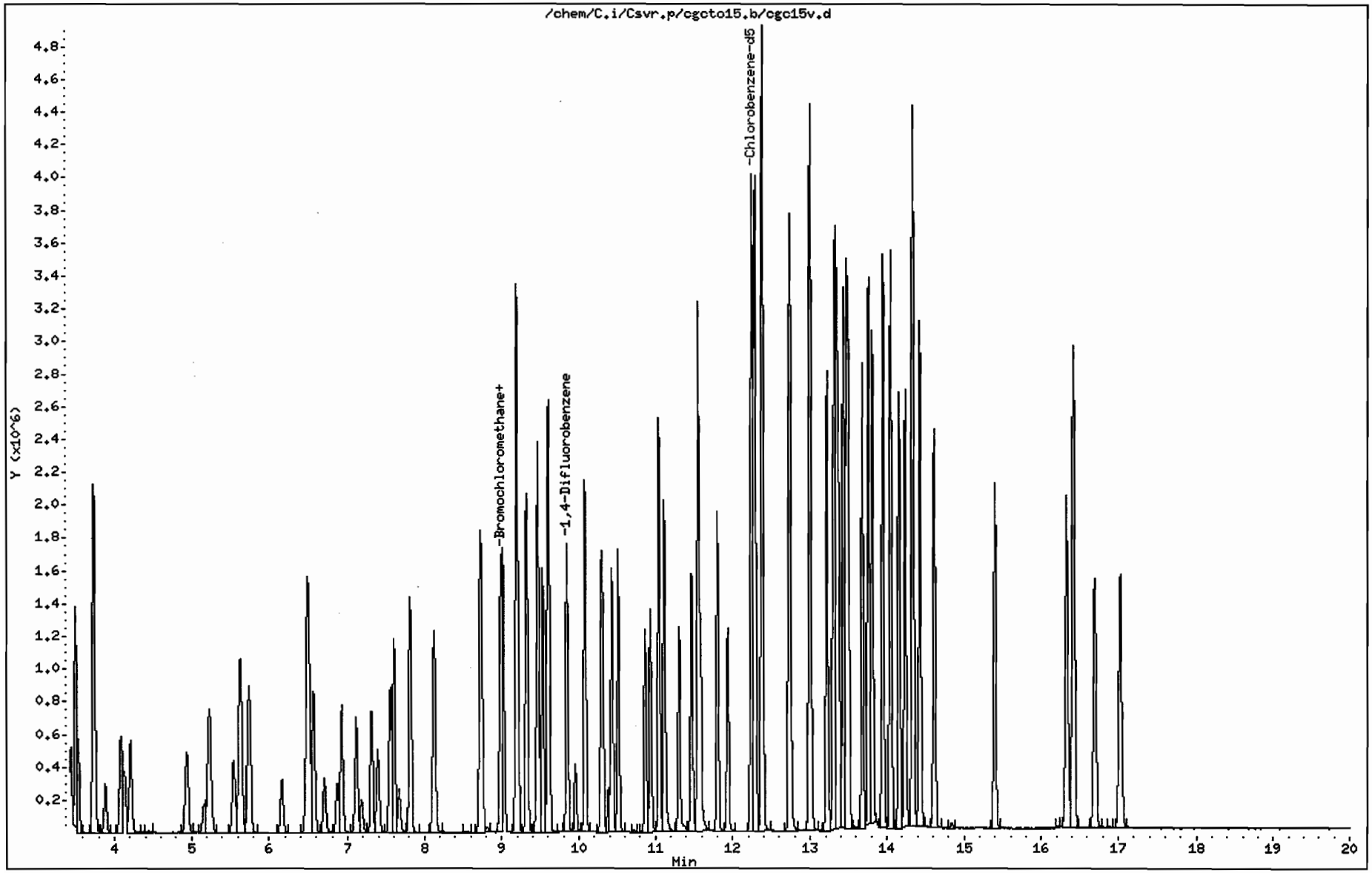
Sample Info:

Purge Volume: 200.0

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcto15.b/cgc15v.d
Lab Smp Id: ASTD15 Client Smp ID: ASTD15
Inj Date : 26-DEC-2007 18:21
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : astd15;122607cg;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Meth Date : 31-Dec-2007 13:05 klp Quant Type: ISTD
Cal Date : 26-DEC-2007 18:21 Cal File: cgc15v.d
Als bottle: 5 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all015.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)
12 Acetone	43	6.701	6.701	(0.746)	563833	15.0000	13
13 Isopropyl Alcohol	45	6.861	6.867	(0.764)	520544	15.0000	15
17 tert-Butyl Alcohol	59	7.390	7.390	(0.822)	806372	15.0000	15
26 Tetrahydrofuran	42	9.002	9.007	(0.915)	434758	15.0000	15
* 25 Bromochloromethane	128	8.986	8.985	(1.000)	366052	10.0000	
* 35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1480324	10.0000	
39 1,4-Dioxane	88	10.378	10.384	(1.055)	203235	15.0000	16
* 50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1482612	10.0000	
57 Bromoform	173	12.988	12.993	(1.060)	1121454	15.0000	15

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc20v.d

Date : 26-DEC-2007 19:12

Client ID: ASTD20

Sample Info:

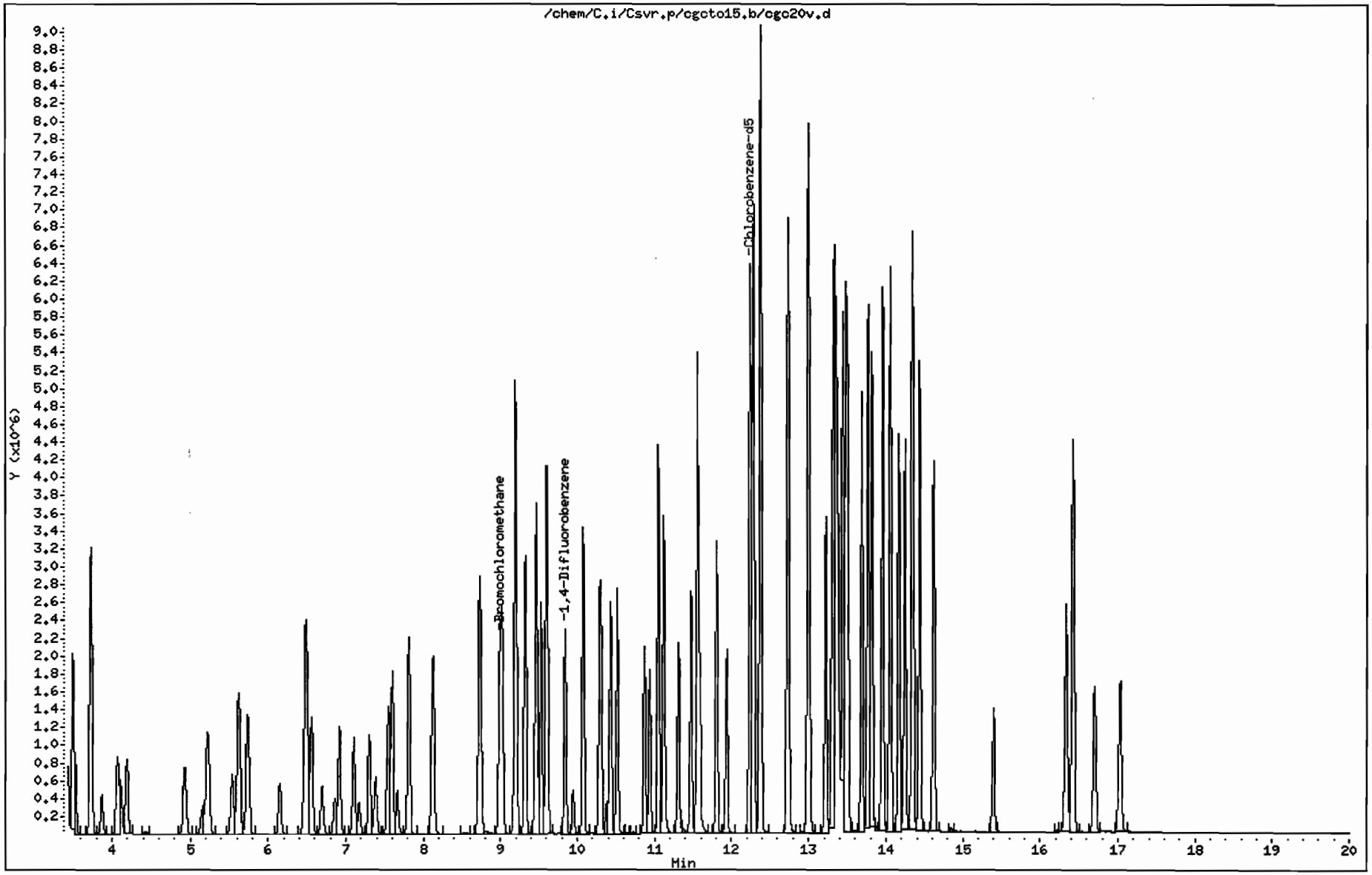
Purge Volume: 200.0

Column phase: RTX-624

Instrument: C.i

Operator: pad

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcto15.b/cgc20v.d
Lab Smp Id: ASTD20 Client Smp ID: ASTD20
Inj Date : 26-DEC-2007 19:12
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : astd20;122607cg;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Meth Date : 31-Dec-2007 13:05 klp Quant Type: ISTD
Cal Date : 26-DEC-2007 19:12 Cal File: cgc20v.d
Als bottle: 6 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	3.494	3.504	(0.389)	2095231	20.0000	15
168 Freon 22	51	3.531	3.542	(0.393)	1003002	20.0000	14
2 1,2-Dichlorotetrafluoroethane	85	3.729	3.739	(0.415)	2269678	20.0000	15
3 Chloromethane	50	3.867	3.883	(0.430)	611605	20.0000	16
4 Vinyl Chloride	62	4.113	4.129	(0.458)	786419	20.0000	16
5 1,3-Butadiene	54	4.193	4.203	(0.467)	569608	20.0000	17
6 Bromomethane	94	4.924	4.940	(0.548)	779476	20.0000	18
7 Chloroethane	64	5.154	5.164	(0.574)	384182	20.0000	19
8 Bromoethene	106	5.538	5.548	(0.616)	740991	20.0000	20
9 Trichlorofluoromethane	101	5.623	5.634	(0.626)	2301565	20.0000	16
10 Freon TF	101	6.482	6.493	(0.721)	1543845	20.0000	19
11 1,1-Dichloroethene	96	6.557	6.568	(0.730)	702791	20.0000	19
12 Acetone	43	6.691	6.701	(0.745)	888806	20.0000	18
13 Isopropyl Alcohol	45	6.856	6.867	(0.763)	693572	20.0000	18
14 Carbon Disulfide	76	6.915	6.925	(0.770)	2180038	20.0000	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	15 3-Chloropropene	41	7.102	7.112	(0.790)	953362	20.0000	19
	16 Methylene Chloride	49	7.299	7.310	(0.812)	795153	20.0000	17
	17 tert-Butyl Alcohol	59	7.384	7.390	(0.822)	1009810	20.0000	17
	18 Methyl tert-Butyl Ether	73	7.550	7.555	(0.840)	2053945	20.0000	20
	19 trans-1,2-Dichloroethene	61	7.598	7.603	(0.846)	1196041	20.0000	18
	20 n-Hexane	57	7.811	7.817	(0.869)	1301271	20.0000	19
	21 1,1-Dichloroethane	63	8.126	8.131	(0.904)	1471731	20.0000	18
M	22 1,2-Dichloroethene (total)	61				2047206	40.0000	38
	23 Methyl Ethyl Ketone	72	8.724	8.734	(0.971)	322797	20.0000	21(Q)
	24 cis-1,2-Dichloroethene	96	8.735	8.740	(0.972)	851165	20.0000	20
	26 Tetrahydrofuran	42	8.996	9.007	(0.914)	708345	20.0000	18
*	25 Bromochloromethane	128	8.985	8.985	(1.000)	426540	10.0000	
	27 Chloroform	83	9.017	9.023	(1.004)	1781595	20.0000	18
	28 1,1,1-Trichloroethane	97	9.188	9.193	(0.934)	2061027	20.0000	16
	29 Cyclohexane	84	9.194	9.199	(0.934)	1242007	20.0000	19
	30 Carbon Tetrachloride	117	9.322	9.327	(0.947)	2226403	20.0000	16
	31 2,2,4-Trimethylpentane	57	9.466	9.466	(0.962)	4016557	20.0000	19
	32 Benzene	78	9.524	9.530	(0.968)	2415381	20.0000	18
	34 n-Heptane	43	9.605	9.610	(0.976)	1443262	20.0000	17
	33 1,2-Dichloroethane	62	9.589	9.594	(0.974)	1171717	20.0000	16
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1952389	10.0000	
	36 Trichloroethene	95	10.074	10.074	(1.024)	1144503	20.0000	18
	37 Methyl Methacrylate	69	10.282	10.288	(1.045)	750003	20.0000	22(Q)
	38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	814326	20.0000	19
	39 1,4-Dioxane	88	10.378	10.384	(1.055)	265015	20.0000	16
	40 Bromodichloromethane	83	10.512	10.512	(1.068)	1915491	20.0000	17
	41 cis-1,3-Dichloropropene	75	10.864	10.869	(1.104)	1355185	20.0000	20
	42 Methyl Isobutyl Ketone	43	10.933	10.933	(1.111)	1254667	20.0000	18
	43 Toluene	92	11.115	11.115	(0.907)	1633935	20.0000	19
	44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.149)	1385336	20.0000	21
	45 1,1,2-Trichloroethane	83	11.467	11.472	(0.936)	759337	20.0000	18
	46 Tetrachloroethene	166	11.553	11.552	(0.943)	1712087	20.0000	19
	47 Methyl Butyl Ketone	43	11.585	11.584	(0.946)	1196782	20.0000	18
	48 Dibromochloromethane	129	11.798	11.803	(0.963)	1933770	20.0000	18
	49 1,2-Dibromoethane	107	11.931	11.931	(0.974)	1487341	20.0000	20
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1979373	10.0000	
	51 Chlorobenzene	112	12.278	12.278	(1.002)	2414979	20.0000	19
	52 Ethylbenzene	91	12.289	12.294	(1.003)	3657574	20.0000	19
M	55 Xylene (total)	106				4549510	20.0000	57
	53 Xylene (m,p)	106	12.380	12.380	(1.010)	3073256	40.0000	38
	54 Xylene (o)	106	12.727	12.726	(1.039)	1476254	20.0000	18
	56 Styrene	104	12.737	12.742	(1.040)	2235817	20.0000	22
	57 Bromoform	173	12.988	12.993	(1.060)	1957425	20.0000	19
	58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	1988434	20.0000	19
	59 4-Ethyltoluene	105	13.436	13.436	(1.097)	4331590	20.0000	22
	60 1,3,5-Trimethylbenzene	105	13.479	13.479	(1.100)	3666528	20.0000	19
	61 2-Chlorotoluene	91	13.506	13.506	(1.102)	3360984	20.0000	18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 1,2,4-Trimethylbenzene	105	13.815	13.815	(1.128)	3437634	20.0000	20
63 1,3-Dichlorobenzene	146	14.168	14.167	(1.156)	2297944	20.0000	19
64 1,4-Dichlorobenzene	146	14.248	14.248	(1.163)	2249842	20.0000	18
65 1,2-Dichlorobenzene	146	14.616	14.621	(1.193)	2188228	20.0000	19
66 1,2,4-Trichlorobenzene	180	16.334	16.340	(1.333)	1245144	20.0000	16
67 Hexachlorobutadiene	225	16.420	16.425	(1.340)	1336031	20.0000	17
68 Naphthalene	128	16.697	16.702	(1.363)	2111887	20.0000	15

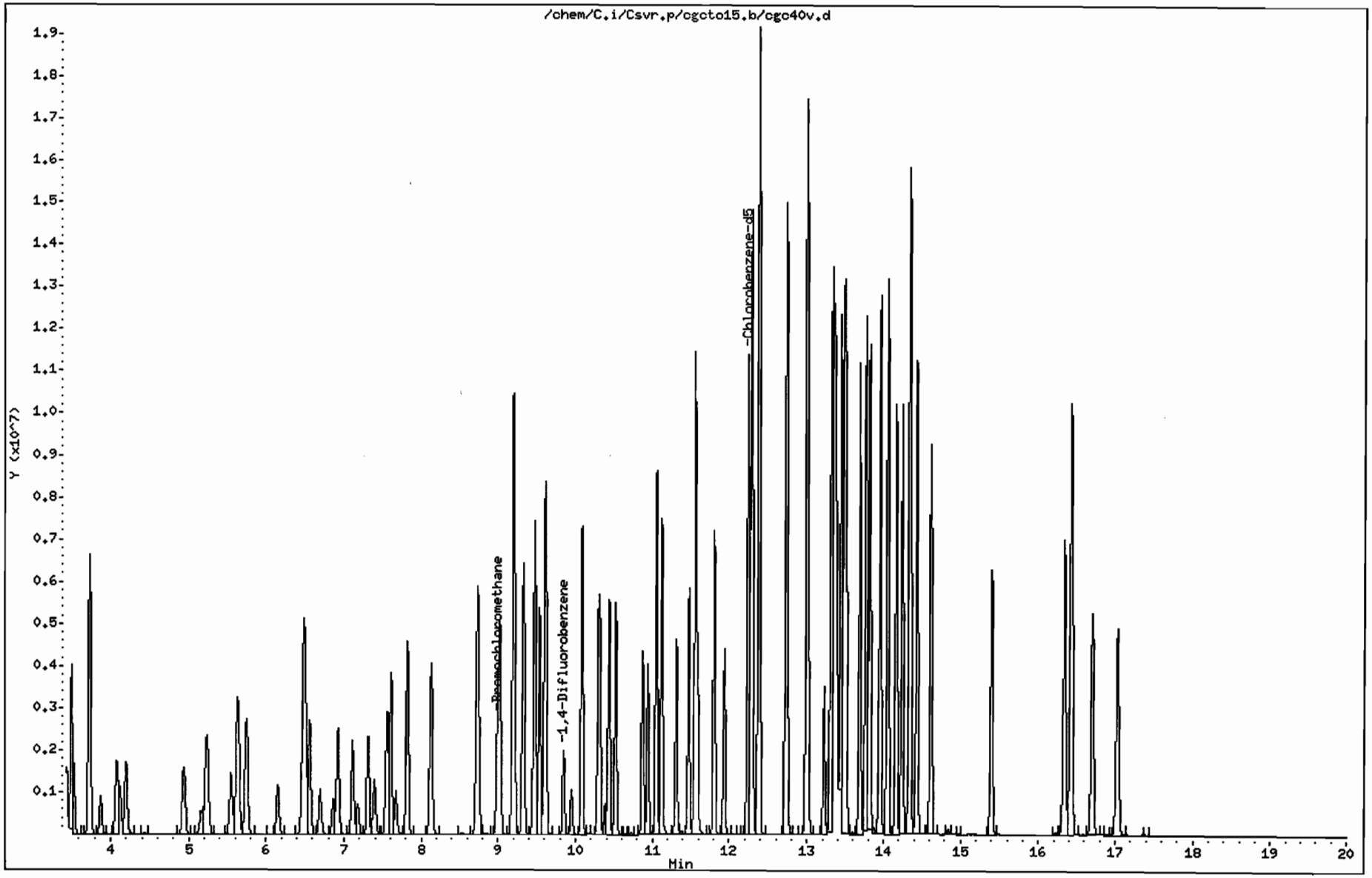
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc40v.d
Date : 26-DEC-2007 20:02
Client ID: ASTD40
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcto15.b/cgc40v.d
Lab Smp Id: ASTD40 Client Smp ID: ASTD40
Inj Date : 26-DEC-2007 20:02
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : astd40;122607cg;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Meth Date : 31-Dec-2007 13:05 klp Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 7 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	3.499	3.504	(0.389)	4226764	40.0000	29
168 Freon 22	51	3.536	3.542	(0.394)	2018374	40.0000	29
2 1,2-Dichlorotetrafluoroethane	85	3.734	3.739	(0.416)	4648593	40.0000	30
3 Chloromethane	50	3.878	3.883	(0.432)	1232569	40.0000	31
4 Vinyl Chloride	62	4.118	4.129	(0.458)	1601903	40.0000	32
5 1,3-Butadiene	54	4.198	4.203	(0.467)	1155913	40.0000	34
6 Bromomethane	94	4.935	4.940	(0.549)	1650354	40.0000	35
7 Chloroethane	64	5.159	5.164	(0.574)	807039	40.0000	37
8 Bromoethene	106	5.543	5.548	(0.617)	1589256	40.0000	39
9 Trichlorofluoromethane	101	5.628	5.634	(0.626)	4748853	40.0000	33
10 Freon TF	101	6.493	6.493	(0.723)	3267491	40.0000	37
11 1,1-Dichloroethene	96	6.562	6.568	(0.730)	1491858	40.0000	38
12 Acetone	43	6.696	6.701	(0.745)	1729798	40.0000	34
13 Isopropyl Alcohol	45	6.861	6.867	(0.764)	1436122	40.0000	36
14 Carbon Disulfide	76	6.920	6.925	(0.770)	4599685	40.0000	38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	15 3-Chloropropene	41	7.107	7.112	(0.791)	1962553	40.0000	36
	16 Methylene Chloride	49	7.304	7.310	(0.813)	1624249	40.0000	33
	17 tert-Butyl Alcohol	59	7.390	7.390	(0.822)	2053992	40.0000	33
	18 Methyl tert-Butyl Ether	73	7.550	7.555	(0.840)	4166670	40.0000	37
	19 trans-1,2-Dichloroethene	61	7.603	7.603	(0.846)	2481016	40.0000	35
	20 n-Hexane	57	7.817	7.817	(0.870)	2702870	40.0000	38
	21 1,1-Dichloroethane	63	8.131	8.131	(0.905)	3050146	40.0000	35
M	22 1,2-Dichloroethene (total)	61				4343895	80.0000	75
	23 Methyl Ethyl Ketone	72	8.729	8.734	(0.971)	673097	40.0000	41(AQ)
	24 cis-1,2-Dichloroethene	96	8.740	8.740	(0.973)	1862879	40.0000	40
	26 Tetrahydrofuran	42	9.001	9.007	(0.914)	1407732	40.0000	41(A)
*	25 Bromochloromethane	128	8.985	8.985	(1.000)	461808	10.0000	(Q)
	27 Chloroform	83	9.023	9.023	(1.004)	3691427	40.0000	34
	28 1,1,1-Trichloroethane	97	9.194	9.193	(0.934)	4288444	40.0000	39
	29 Cyclohexane	84	9.199	9.199	(0.934)	2708606	40.0000	46(A)
	30 Carbon Tetrachloride	117	9.327	9.327	(0.947)	4667048	40.0000	39
	31 2,2,4-Trimethylpentane	57	9.471	9.466	(0.962)	8209623	40.0000	43(A)
	32 Benzene	78	9.530	9.530	(0.968)	4994921	40.0000	43(A)
	34 n-Heptane	43	9.610	9.610	(0.976)	2855541	40.0000	39
	33 1,2-Dichloroethane	62	9.594	9.594	(0.975)	2312736	40.0000	37
*	35 1,4-Difluorobenzene	114	9.845	9.839	(1.000)	1722243	10.0000	
	36 Trichloroethene	95	10.079	10.074	(1.024)	2435778	40.0000	43(A)
	37 Methyl Methacrylate	69	10.288	10.288	(1.045)	1566733	40.0000	50(AQ)
	38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	1649532	40.0000	42(A)
	39 1,4-Dioxane	88	10.384	10.384	(1.055)	571094	40.0000	40(A)
	40 Bromodichloromethane	83	10.517	10.512	(1.068)	3863028	40.0000	39
	41 cis-1,3-Dichloropropene	75	10.869	10.869	(1.104)	2786931	40.0000	46(A)
	42 Methyl Isobutyl Ketone	43	10.933	10.933	(1.111)	2680999	40.0000	42(A)
	43 Toluene	92	11.115	11.115	(0.907)	3477865	40.0000	40(A)
	44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.149)	2896032	40.0000	48(A)
	45 1,1,2-Trichloroethane	83	11.472	11.472	(0.936)	1602063	40.0000	38
	46 Tetrachloroethene	166	11.558	11.552	(0.943)	3770174	40.0000	40
	47 Methyl Butyl Ketone	43	11.584	11.584	(0.946)	2586817	40.0000	38
	48 Dibromochloromethane	129	11.803	11.803	(0.963)	4171291	40.0000	39
	49 1,2-Dibromoethane	107	11.937	11.931	(0.974)	3178859	40.0000	41(A)
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	2017325	10.0000	
	51 Chlorobenzene	112	12.278	12.278	(1.002)	5328605	40.0000	41(A)
	52 Ethylbenzene	91	12.294	12.294	(1.003)	7770697	40.0000	40
M	55 Xylene (total)	106				10108398	40.0000	120(A)
	53 Xylene (m,p)	106	12.380	12.380	(1.010)	6835635	80.0000	83(AQ)
	54 Xylene (o)	106	12.732	12.726	(1.039)	3272763	40.0000	40(AQ)
	56 Styrene	104	12.743	12.742	(1.040)	5083733	40.0000	48(A)
	57 Bromoform	173	12.993	12.993	(1.061)	4518886	40.0000	43(A)
	58 1,1,2,2-Tetrachloroethane	83	13.308	13.303	(1.086)	4251885	40.0000	40
	59 4-Ethyltoluene	105	13.442	13.436	(1.097)	9486742	40.0000	46(A)
	60 1,3,5-Trimethylbenzene	105	13.479	13.479	(1.100)	7699161	40.0000	39
	61 2-Chlorotoluene	91	13.506	13.506	(1.102)	7121798	40.0000	38

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 1,2,4-Trimethylbenzene	105	13.821	13.815	(1.128)	7421385	40.0000	42(A)
63 1,3-Dichlorobenzene	146	14.168	14.167	(1.156)	5207858	40.0000	42(A)
64 1,4-Dichlorobenzene	146	14.248	14.248	(1.163)	5153841	40.0000	41(A)
65 1,2-Dichlorobenzene	146	14.621	14.621	(1.193)	4884968	40.0000	41(A)
66 1,2,4-Trichlorobenzene	180	16.340	16.340	(1.334)	3459577	40.0000	43(A)
67 Hexachlorobutadiene	225	16.425	16.425	(1.341)	3124294	40.0000	40
68 Naphthalene	128	16.703	16.702	(1.363)	6618782	40.0000	45(A)

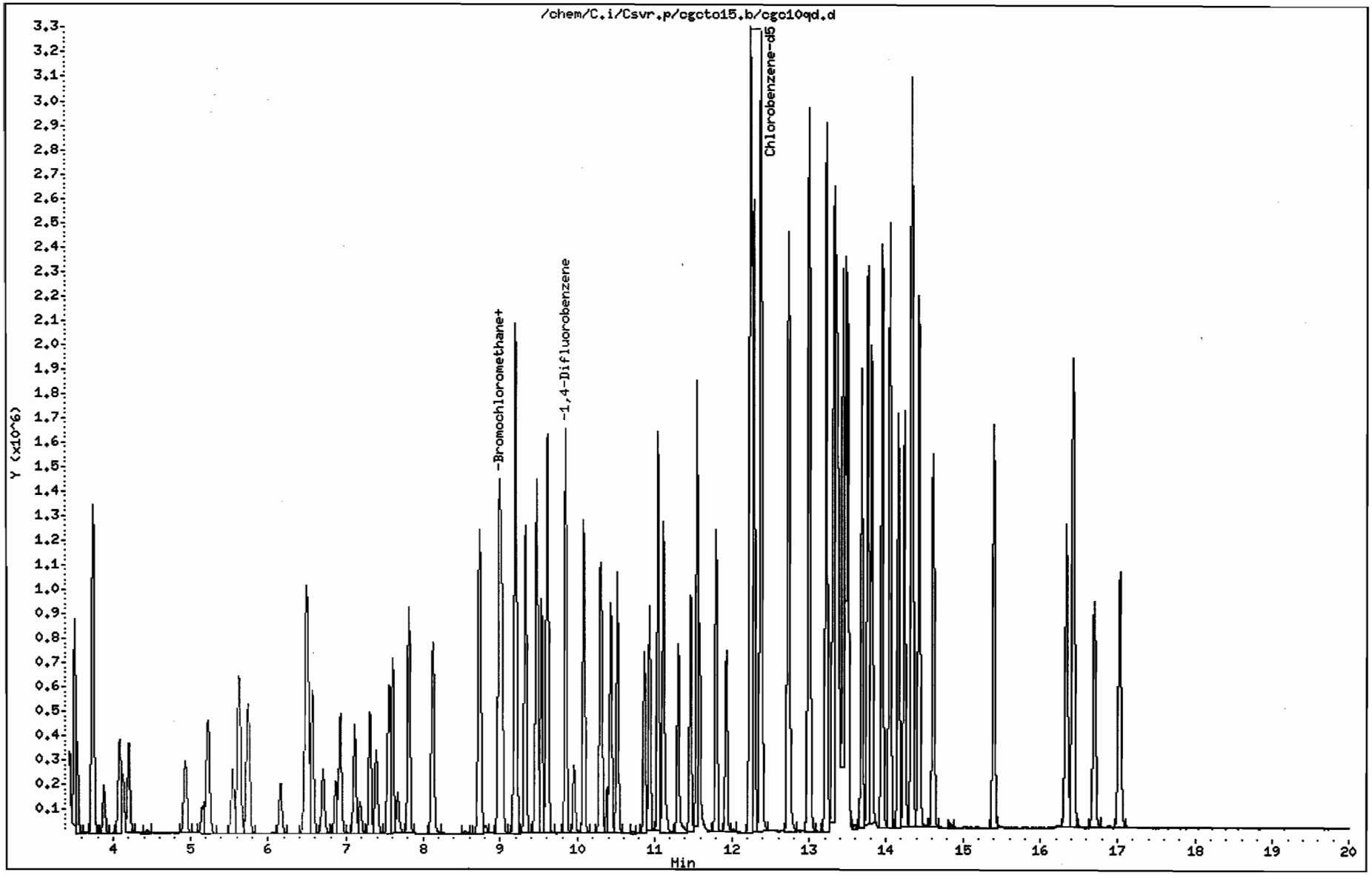
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc10qd.d
Date : 27-DEC-2007 11:08
Client ID: CA122607LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcto15.b/cgc10qd.d
Lab Smp Id: CA122607LCS Client Smp ID: CA122607LCS
Inj Date : 27-DEC-2007 11:08
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : CA122607LCS/ICV;122607CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Meth Date : 31-Dec-2007 13:06 klp Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.504	3.504	(0.390)	921421	8.09072	8.1
168 Freon 22	51	3.536	3.542	(0.394)	448918	8.15720	8.2
2 1,2-Dichlorotetrafluoroethane	85	3.734	3.739	(0.416)	987859	8.15399	8.2
3 Chloromethane	50	3.878	3.883	(0.432)	266616	8.56758	8.6
4 Vinyl Chloride	62	4.123	4.129	(0.459)	340646	8.72758	8.7
5 1,3-Butadiene	54	4.198	4.203	(0.467)	251294	9.45462	9.5
6 Bromomethane	94	4.934	4.940	(0.549)	301349	8.23553	8.2
7 Chloroethane	64	5.159	5.164	(0.574)	150524	8.87176	8.9
8 Bromoethene	106	5.543	5.548	(0.617)	286754	9.15269	9.2
9 Trichlorofluoromethane	101	5.628	5.634	(0.626)	937009	8.25468	8.3
10 Freon TF	101	6.488	6.493	(0.722)	656309	9.48631	9.5
11 1,1-Dichloroethene	96	6.562	6.568	(0.730)	300861	9.87047	9.9
12 Acetone	43	6.701	6.701	(0.746)	458123	11.4955	11
13 Isopropyl Alcohol	45	6.861	6.867	(0.764)	369794	11.7406	12
14 Carbon Disulfide	76	6.920	6.925	(0.770)	875781	9.32593	9.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	15 3-Chloropropene	41	7.107	7.112	(0.791)	393905	9.33584	9.3
	16 Methylene Chloride	49	7.304	7.310	(0.813)	356502	9.26191	9.3
	17 tert-Butyl Alcohol	59	7.389	7.390	(0.822)	549279	11.3889	11
	18 Methyl tert-Butyl Ether	73	7.555	7.555	(0.841)	841048	9.68618	9.7
	19 trans-1,2-Dichloroethene	61	7.603	7.603	(0.846)	487553	8.87010	8.9
	20 n-Hexane	57	7.811	7.817	(0.869)	533697	9.59557	9.6
	21 1,1-Dichloroethane	63	8.126	8.131	(0.904)	597303	8.88174	8.9
M	22 1,2-Dichloroethene (total)	61				827504	18.1886	18
	23 Methyl Ethyl Ketone	72	8.729	8.734	(0.971)	142715	11.0604	11
	24 cis-1,2-Dichloroethene	96	8.740	8.740	(0.973)	339951	9.31846	9.3
	26 Tetrahydrofuran	42	9.001	9.007	(0.915)	314970	11.3815	11
*	25 Bromochloromethane	128	8.985	8.985	(1.000)	359604	10.0000	
	27 Chloroform	83	9.017	9.023	(1.004)	701317	8.40094	8.4
	28 1,1,1-Trichloroethane	97	9.188	9.193	(0.934)	823013	9.16246	9.2
	29 Cyclohexane	84	9.199	9.199	(0.935)	492584	10.2888	10
	30 Carbon Tetrachloride	117	9.321	9.327	(0.947)	894687	9.21339	9.2
	31 2,2,4-Trimethylpentane	57	9.466	9.466	(0.962)	1550190	9.91596	9.9
	32 Benzene	78	9.530	9.530	(0.969)	897195	9.43814	9.4
	34 n-Heptane	43	9.604	9.610	(0.976)	577918	9.69337	9.7
	33 1,2-Dichloroethane	62	9.588	9.594	(0.974)	444254	8.66439	8.7
*	35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1397210	10.0000	
	36 Trichloroethene	95	10.074	10.074	(1.024)	438659	9.54919	9.5
	37 Methyl Methacrylate	69	10.282	10.288	(1.045)	307472	12.0292	12(Q)
	38 1,2-Dichloropropane	63	10.303	10.304	(1.047)	291858	9.26095	9.3(Q)
	39 1,4-Dioxane	88	10.378	10.384	(1.055)	138530	12.0302	12
	40 Bromodichloromethane	83	10.512	10.512	(1.068)	742135	9.30127	9.3
	41 cis-1,3-Dichloropropene	75	10.864	10.869	(1.104)	498496	10.1943	10
	42 Methyl Isobutyl Ketone	43	10.933	10.933	(1.111)	645699	12.5585	13
	43 Toluene	92	11.115	11.115	(0.907)	580951	9.18149	9.2
	44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.149)	519419	10.6127	11
	45 1,1,2-Trichloroethane	83	11.467	11.472	(0.936)	276706	8.96319	9.0
	46 Tetrachloroethene	166	11.552	11.552	(0.943)	584932	8.42960	8.4
	47 Methyl Butyl Ketone	43	11.584	11.584	(0.946)	611088	12.3286	12
	48 Dibromochloromethane	129	11.803	11.803	(0.963)	732316	9.19359	9.2
	49 1,2-Dibromoethane	107	11.931	11.931	(0.974)	551232	9.69246	9.7
*	50 Chlorobenzene-d5	117	12.251	12.252	(1.000)	1484633	10.0000	
	51 Chlorobenzene	112	12.278	12.278	(1.002)	863958	8.99661	9.0
	52 Ethylbenzene	91	12.289	12.294	(1.003)	1364854	9.49925	9.5
M	55 Xylene (total)	106				1606934	26.6975	27
	53 Xylene (m,p)	106	12.374	12.380	(1.010)	1081219	17.7401	18
	54 Xylene (o)	106	12.726	12.726	(1.039)	525715	8.73420	8.7
	56 Styrene	104	12.742	12.742	(1.040)	807322	10.3206	10
	57 Bromoform	173	12.988	12.993	(1.060)	725861	9.45145	9.5
	58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	745428	9.41260	9.4
	59 4-Ethyltoluene	105	13.436	13.436	(1.097)	1689171	11.0578	11
	60 1,3,5-Trimethylbenzene	105	13.479	13.479	(1.100)	1386584	9.47706	9.5
	61 2-Chlorotoluene	91	13.506	13.506	(1.102)	1329405	9.64639	9.6

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
62 1,2,4-Trimethylbenzene	105	13.815	13.815	(1.128)	1295217	10.0569	10
63 1,3-Dichlorobenzene	146	14.167	14.167	(1.156)	865294	9.52598	9.5
64 1,4-Dichlorobenzene	146	14.247	14.248	(1.163)	870728	9.47890	9.5
65 1,2-Dichlorobenzene	146	14.616	14.621	(1.193)	805633	9.13049	9.1
66 1,2,4-Trichlorobenzene	180	16.334	16.340	(1.333)	613310	10.3738	10
67 Hexachlorobutadiene	225	16.425	16.425	(1.341)	584050	10.1346	10
68 Naphthalene	128	16.702	16.702	(1.363)	1190484	11.1084	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

TestAmerica Burlington

RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: CA122607LCS
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: all.sub
Method File: /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Misc Info: CA122607LCS/ICV;122607CA;1;200

Client SDG: cgcto15
Fraction: VOA
Client Smp ID: CA122607LCS
Operator: pad
SampleType: LCS
Quant Type: ISTD

	SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	1	Dichlorodifluorome	10	8.1	80.91	70-130
	168	Freon 22	10	8.2	81.57	70-130
	2	1,2-Dichlorotetraf	10	8.2	81.54	70-130
	3	Chloromethane	10	8.6	85.68	70-130
	4	Vinyl Chloride	10	8.7	87.28	70-130
	5	1,3-Butadiene	10	9.5	94.55	70-130
	6	Bromomethane	10	8.2	82.36	70-130
	7	Chloroethane	10	8.9	88.72	70-130
	8	Bromoethene	10	9.2	91.53	70-130
	9	Trichlorofluoromet	10	8.3	82.55	70-130
	10	Freon TF	10	9.5	94.86	70-130
	11	1,1-Dichloroethene	10	9.9	98.70	70-130
	12	Acetone	10	11	114.96	70-130
	14	Carbon Disulfide	10	9.3	93.26	70-130
	13	Isopropyl Alcohol	10	12	117.41	70-130
	15	3-Chloropropene	10	9.3	93.36	70-130
	16	Methylene Chloride	10	9.3	92.62	70-130
	17	tert-Butyl Alcohol	10	11	113.89	70-130
	18	Methyl tert-Butyl	10	9.7	96.86	70-130
	19	trans-1,2-Dichloro	10	8.9	88.70	70-130
	20	n-Hexane	10	9.6	95.96	70-130
	21	1,1-Dichloroethane	10	8.9	88.82	70-130
M	22	1,2-Dichloroethene	20	18	90.00	70-130
	23	Methyl Ethyl Keton	10	11	110.60	70-130
	24	cis-1,2-Dichloroet	10	9.3	93.18	70-130
	26	Tetrahydrofuran	10	11	113.81	70-130
	27	Chloroform	10	8.4	84.01	70-130
	28	1,1,1-Trichloroeth	10	9.2	91.62	70-130
	29	Cyclohexane	10	10	102.89	70-130
	30	Carbon Tetrachlori	10	9.2	92.13	70-130
	31	2,2,4-Trimethylpen	10	9.9	99.16	70-130
	32	Benzene	10	9.4	94.38	70-130
	33	1,2-Dichloroethane	10	8.7	86.64	70-130

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
34 n-Heptane	10	9.7	96.93	70-130
36 Trichloroethene	10	9.5	95.49	70-130
37 Methyl Methacrylat	10	12	120.29	70-130
38 1,2-Dichloropropan	10	9.3	92.61	70-130
39 1,4-Dioxane	10	12	120.30	70-130
40 Bromodichlorometha	10	9.3	93.01	70-130
41 cis-1,3-Dichloropr	10	10	101.94	70-130
42 Methyl Isobutyl Ke	10	13	125.58	70-130
43 Toluene	10	9.2	91.81	70-130
44 trans-1,3-Dichloro	10	11	106.13	70-130
45 1,1,2-Trichloroeth	10	9.0	89.63	70-130
46 Tetrachloroethene	10	8.4	84.30	70-130
47 Methyl Butyl Keton	10	12	123.29	70-130
48 Dibromochlorometha	10	9.2	91.94	70-130
49 1,2-Dibromoethane	10	9.7	96.92	70-130
51 Chlorobenzene	10	9.0	89.97	70-130
52 Ethylbenzene	10	9.5	94.99	70-130
53 Xylene (m,p)	20	18	88.70	70-130
54 Xylene (o)	10	8.7	87.34	70-130
M 55 Xylene (total)	30	27	88.99	70-130
56 Styrene	10	10	103.21	70-130
57 Bromoform	10	9.5	94.51	70-130
58 1,1,2,2-Tetrachlor	10	9.4	94.13	70-130
59 4-Ethyltoluene	10	11	110.58	70-130
60 1,3,5-Trimethylben	10	9.5	94.77	70-130
61 2-Chlorotoluene	10	9.6	96.46	70-130
62 1,2,4-Trimethylben	10	10	100.57	70-130
63 1,3-Dichlorobenzen	10	9.5	95.26	70-130
64 1,4-Dichlorobenzen	10	9.5	94.79	70-130
65 1,2-Dichlorobenzen	10	9.1	91.30	70-130
66 1,2,4-Trichloroben	10	10	103.74	70-130
67 Hexachlorobutadien	10	10	101.35	70-130
68 Naphthalene	10	11	111.08	70-130

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 14:58
End Cal Date : 26-DEC-2007 20:02
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Cal Date : 31-Dec-2007 13:05 klp
Curve Type : Average

Calibration File Names:
Level 1: /chem/C.i/Csvr.p/cgcto15.b/cgc002v.d
Level 2: /chem/C.i/Csvr.p/cgcto15.b/cgc005v.d
Level 4: /chem/C.i/Csvr.p/cgcto15.b/cgc05v.d
Level 5: /chem/C.i/Csvr.p/cgcto15.b/cgc10v.d
Level 6: /chem/C.i/Csvr.p/cgcto15.b/cgc15v.d
Level 7: /chem/C.i/Csvr.p/cgcto15.b/cgc20v.d
Level 8: /chem/C.i/Csvr.p/cgcto15.b/cgc40v.d

Compound	0.20000 Level 1 / 40.000 Level 8	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD
1 Dichlorodifluoromethane	+++++ / 2.28816	4.43706	3.59496	3.05869	+++++	2.45608	3.16699	27.733
168 Freon 22	+++++ / 1.09265	2.21081	1.70782	1.46491	+++++	1.17574	1.53039	29.515
2 1,2-Dichlorotetrafluoroethane	4.10506 / 2.51652	4.36900	3.45957	3.10324	+++++	2.66057	3.36899	22.407
3 Chloromethane	+++++ / 0.66725	1.17620	0.93801	0.82847	+++++	0.71694	0.86537	23.437
4 Vinyl Chloride	1.18583 / 0.86719	1.35173	1.13839	1.04733	+++++	0.92186	1.08539	16.462
5 1,3-Butadiene	+++++ / 0.62575	0.84251	0.80231	0.75731	+++++	0.66771	0.73912	12.282

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 14:58
End Cal Date : 26-DEC-2007 20:02
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Cal Date : 31-Dec-2007 13:05 klp
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD
	40.000 Level 8							
6 Bromomethane	1.23833	1.19108	0.91252	0.95620	+++++	0.91372		
	0.89342						1.01755	15.215
7 Chloroethane	+++++	0.58717	0.43122	0.45344	+++++	0.45035		
	0.43689						0.47181	13.806
8 Bromoethene	0.97243	0.90534	0.76239	0.85830	+++++	0.86861		
	0.86034						0.87124	7.876
9 Trichlorofluoromethane	3.54412	3.94522	3.14453	3.03696	+++++	2.69795		
	2.57079						3.15660	16.401
10 Freon TF	2.20304	2.15554	1.73784	1.86850	+++++	1.80973		
	1.76886						1.92392	10.559
11 1,1-Dichloroethene	0.93040	0.93084	0.75282	0.84025	+++++	0.82383		
	0.80762						0.84762	8.340
12 Acetone	+++++	+++++	1.35689	1.17907	1.02687	1.04188		
	0.93643						1.10823	14.785
13 Isopropyl Alcohol	+++++	+++++	1.01070	0.83020	0.94803	0.81302		
	0.77745						0.87588	11.289
14 Carbon Disulfide	+++++	3.02194	2.39263	2.59707	+++++	2.55549		
	2.49004						2.61143	9.271

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 14:58
End Cal Date : 26-DEC-2007 20:02
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Cal Date : 31-Dec-2007 13:05 klp
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	40.000 Level 8	RRF	% RSD
15 3-Chloropropene	+++++	1.37264	1.14730	1.16663	+++++	1.11755	1.06243	1.17331	10.072
16 Methylene Chloride	+++++	1.51857	1.00790	1.01403	+++++	0.93210	0.87929	1.07038	23.983
17 tert-Butyl Alcohol	+++++	+++++	1.61344	1.32824	1.46859	1.18372	1.11193	1.34118	15.275
18 Methyl tert-Butyl Ether	+++++	2.78350	2.44303	2.18311	+++++	2.40768	2.25563	2.41459	9.620
19 trans-1,2-Dichloroethene	1.66818	1.79104	1.45757	1.50915	+++++	1.40203	1.34310	1.52851	11.111
20 n-Hexane	+++++	1.70657	1.45295	1.58528	+++++	1.52538	1.46320	1.54668	6.724
21 1,1-Dichloroethane	2.06469	2.16053	1.78453	1.83464	+++++	1.72520	1.65120	1.87013	10.687
M 22 1,2-Dichloroethene (total)	1.38143	1.44513	1.17760	1.24918	+++++	1.19989	1.17578	1.27150	9.025
23 Methyl Ethyl Ketone	+++++	0.36048	0.35313	0.33772	+++++	0.37839	0.36438	0.35882	4.167

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 14:58
End Cal Date : 26-DEC-2007 20:02
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Cal Date : 31-Dec-2007 13:05 klp
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	___ RRF	% RSD
	40.000 Level 8							
24 cis-1,2-Dichloroethene	1.09467	1.09921	0.89763	0.98921	+++++	0.99776		
	1.00847						1.01449	7.405
26 Tetrahydrofuran	+++++	+++++	0.21596	0.19282	0.19579	0.18140		
	0.20435						0.19807	6.534
27 Chloroform	2.57410	2.80755	2.23497	2.22538	+++++	2.08843		
	1.99836						2.32146	13.284
28 1,1,1-Trichloroethane	0.63589	0.72621	0.67629	0.66858	+++++	0.52782		
	0.62251						0.64288	10.417
29 Cyclohexane	0.32068	0.33222	0.33008	0.36169	+++++	0.31807		
	0.39318						0.34265	8.528
30 Carbon Tetrachloride	0.66755	0.78068	0.74082	0.73336	+++++	0.57017		
	0.67747						0.69501	10.681
31 2,2,4-Trimethylpentane	1.06498	1.13777	1.10512	1.18514	+++++	1.02863		
	1.19171						1.11889	5.832
32 Benzene	0.71596	0.72008	0.62898	0.67350	+++++	0.61857		
	0.72506						0.68036	7.002
34 n-Heptane	0.44168	0.45686	0.42987	0.44770	+++++	0.36961		
	0.41451						0.42671	7.406

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 14:58
End Cal Date : 26-DEC-2007 20:02
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Cal Date : 31-Dec-2007 13:05 klp
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	40.000 Level 8	RRF	% RSD
33 1,2-Dichloroethane	0.37080	0.42993	0.38991	0.37540	+++++	0.30007	0.33572	0.36697	12.204
36 Trichloroethene	0.31796	0.34182	0.32421	0.34198	+++++	0.29310	0.35358	0.32878	6.622
37 Methyl Methacrylate	+++++	0.11317	0.19821	0.18382	+++++	0.19207	0.22743	0.18294	23.135
38 1,2-Dichloropropane	0.22748	0.24256	0.20670	0.22861	+++++	0.20855	0.23945	0.22556	6.694
39 1,4-Dioxane	+++++	+++++	0.08796	0.08182	0.09153	0.06787	0.08290	0.08242	10.953
40 Bromodichloromethane	0.56661	0.64192	0.58452	0.58198	+++++	0.49055	0.56076	0.57106	8.553
41 cis-1,3-Dichloropropene	0.25790	0.35237	0.35918	0.37883	+++++	0.34706	0.40455	0.34998	14.223
42 Methyl Isobutyl Ketone	+++++	0.30488	0.44229	0.38227	+++++	0.32132	0.38917	0.36799	15.090
43 Toluene	0.43620	0.46461	0.38569	0.42692	+++++	0.41274	0.43100	0.42619	6.137

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 14:58
End Cal Date : 26-DEC-2007 20:02
Quant Method : ISTD
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Target Version : 3.50
Integrator : HP RTE
Method file : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Cal Date : 31-Dec-2007 13:05 klp
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD
	40.000 Level 8							
44 trans-1,3-Dichloropropene	0.26684	0.28257	0.39187	0.38531	+++++	0.35478		
	0.42039						0.35029	17.800
45 1,1,2-Trichloroethane	0.21150	0.23969	0.19787	0.20823	+++++	0.19181		
	0.19854						0.20794	8.248
46 Tetrachloroethene	0.48432	0.52786	0.42458	0.46787	+++++	0.43248		
	0.46722						0.46739	8.003
47 Methyl Butyl Ketone	+++++	0.27628	0.40505	0.36510	+++++	0.30231		
	0.32058						0.33387	15.369
48 Dibromochloromethane	0.54357	0.60407	0.52413	0.54199	+++++	0.48848		
	0.51693						0.53653	7.213
49 1,2-Dibromoethane	0.31679	0.41435	0.39017	0.40747	+++++	0.37571		
	0.39394						0.38307	9.184
51 Chlorobenzene	0.68148	0.70183	0.59375	0.63356	+++++	0.61004		
	0.66036						0.64684	6.469
52 Ethylbenzene	0.99502	0.99459	0.96272	0.96744	+++++	0.92392		
	0.96300						0.96778	2.707
M 55 Xylene (total)	0.51717	0.39312	0.37065	0.37310	+++++	0.37291		
	0.40558						0.40542	13.930

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 14:58
End Cal Date : 26-DEC-2007 20:02
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Cal Date : 31-Dec-2007 13:05 klp
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD
	40.000 Level 8							
53 Xylene (m,p)	0.51692	0.39032	0.36572	0.37846	+++++	0.38816		
	0.42356						0.41052	13.534
54 Xylene (o)	0.51717	0.39312	0.37065	0.37310	+++++	0.37291		
	0.40558						0.40542	13.930
56 Styrene	0.39768	0.44301	0.55957	0.56632	+++++	0.56478		
	0.63001						0.52690	16.637
57 Bromoform	0.45818	0.52757	0.53200	0.53154	+++++	0.49446		
	0.56001						0.51729	6.897
58 1,1,2,2-Tetrachloroethane	0.50358	0.56357	0.56711	0.53711	+++++	0.50229		
	0.52692						0.53343	5.275
59 4-Ethyltoluene	0.70415	0.94134	1.15395	1.10429	+++++	1.09418		
	1.17566						1.02893	17.399
60 1,3,5-Trimethylbenzene	0.99638	0.95497	1.10147	0.97982	+++++	0.92618		
	0.95413						0.98549	6.261
61 2-Chlorotoluene	0.82454	1.04479	1.02806	0.94064	+++++	0.84900		
	0.88258						0.92827	9.969
62 1,2,4-Trimethylbenzene	0.72238	0.77642	1.01763	0.90038	+++++	0.86836		
	0.91971						0.86748	12.167

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 14:58
End Cal Date : 26-DEC-2007 20:02
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Cal Date : 31-Dec-2007 13:05 klp
Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD	
	40.000 Level 8								
63 1,3-Dichlorobenzene	0.51032	0.61996	0.69067	0.62420	+++++	0.58047			
	0.64539						0.61184	10.035	
64 1,4-Dichlorobenzene	0.56756	0.62279	0.69693	0.61811	+++++	0.56832			
	0.63870						0.61874	7.815	
65 1,2-Dichlorobenzene	0.51887	0.59895	0.68447	0.60552	+++++	0.55276			
	0.60538						0.59433	9.464	
66 1,2,4-Trichlorobenzene	+++++	0.31889	0.53330	0.39565	+++++	0.31453			
	0.42873						0.39822	22.629	
67 Hexachlorobutadiene	0.30336	0.37851	0.54927	0.37321	+++++	0.33749			
	0.38718						0.38817	21.870	
68 Naphthalene	+++++	0.45683	1.02965	0.76911	+++++	0.53347			
	0.82024						0.72186	31.920	<-

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 14:58
End Cal Date : 26-DEC-2007 20:02
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/C.i/Csvr.p/cgcto15.b/rto15.m
Cal Date : 31-Dec-2007 13:05 klp
Curve Type : Average

```
|Average %RSD Results.                                |
|=====================================================|
|Calculated Average %RSD =   12.35562                 |
|Maximun Average %RSD    =  0.000e+00                 |
|* Failed Average %RSD Test.                          |
|_____________________________________________________|
```

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Instrument ID: C Calibration Date: 12/27/07 Time: 1348

Lab File ID: CGC10AV Init. Calib. Date(s): 12/26/07 12/26/07

Heated Purge: (Y/N) N Init. Calib. Times: 1458 2002

GC Column: RTX-624 ID: 0.32 (mm)

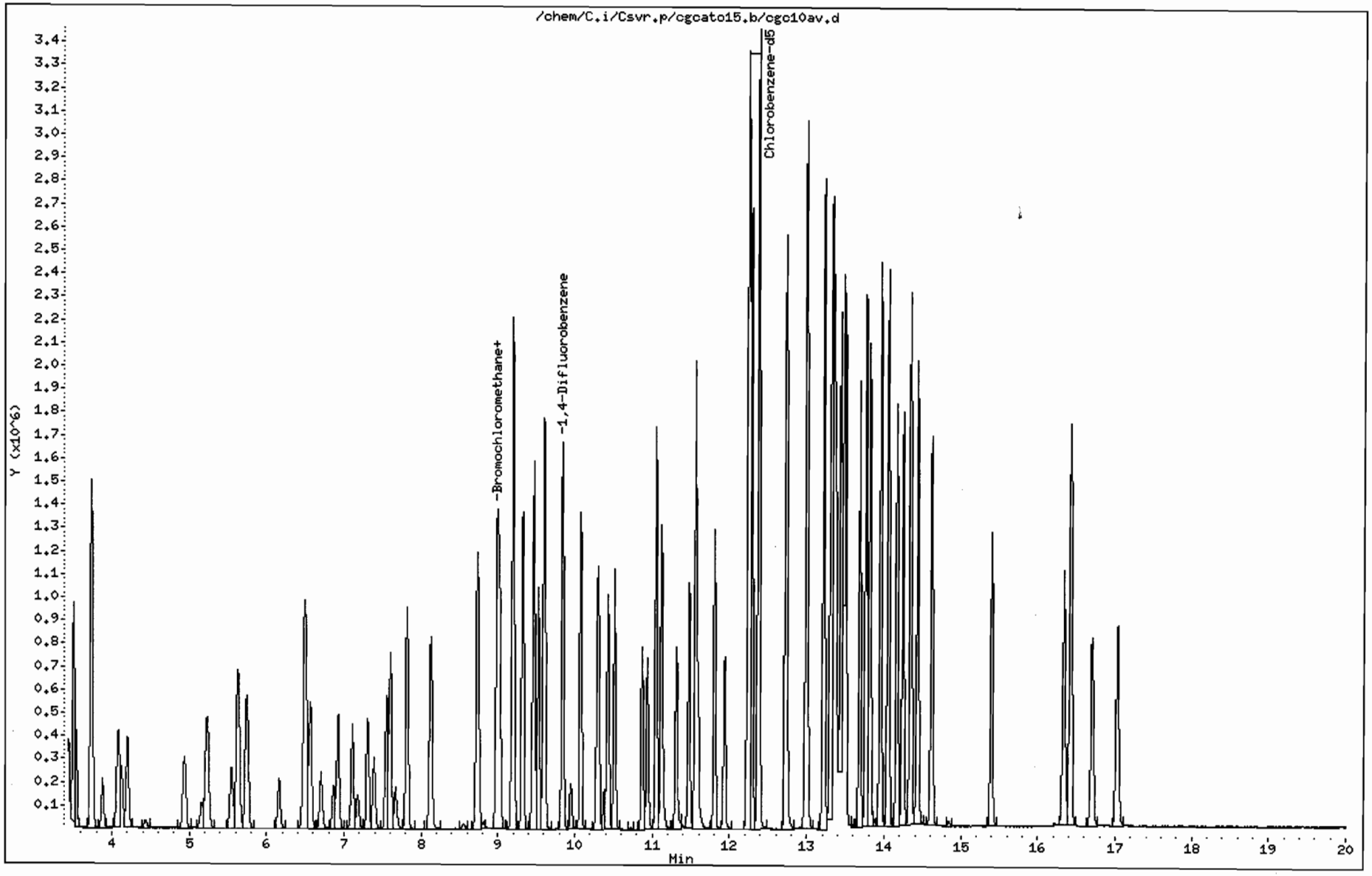
COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Chloromethane	0.865	0.865	0.01	0.0	30.0
Vinyl Chloride	1.085	1.084	0.01	0.1	30.0
Bromomethane	1.017	0.923	0.01	9.2	30.0
Chloroethane	0.472	0.451	0.01	4.4	30.0
1,1-Dichloroethene	0.848	0.826	0.01	2.6	30.0
Acetone	1.108	1.239	0.01	11.8	30.0
Carbon Disulfide	2.611	2.588	0.01	0.9	30.0
Methylene Chloride	1.070	1.010	0.01	5.6	30.0
trans-1,2-Dichloroethene	1.528	1.512	0.01	1.0	30.0
1,1-Dichloroethane	1.870	1.848	0.1	1.2	30.0
Methyl Ethyl Ketone	0.359	0.352	0.01	1.9	30.0
cis-1,2-Dichloroethene	1.014	1.002	0.01	1.2	30.0
Chloroform	2.321	2.248	0.01	3.1	30.0
1,1,1-Trichloroethane	0.643	0.647	0.01	0.6	30.0
Carbon Tetrachloride	0.695	0.700	0.01	0.7	30.0
Benzene	0.680	0.676	0.01	0.6	30.0
1,2-Dichloroethane	0.367	0.370	0.01	0.8	30.0
Trichloroethene	0.329	0.335	0.01	1.8	30.0
1,2-Dichloropropane	0.225	0.226	0.01	0.4	30.0
Bromodichloromethane	0.571	0.560	0.01	1.9	30.0
cis-1,3-Dichloropropene	0.350	0.370	0.01	5.7	30.0
Methyl Isobutyl Ketone	0.368	0.378	0.01	2.7	30.0
Toluene	0.426	0.433	0.01	1.6	30.0
trans-1,3-Dichloropropene	0.350	0.384	0.01	9.7	30.0
1,1,2-Trichloroethane	0.208	0.211	0.01	1.4	30.0
Tetrachloroethene	0.467	0.457	0.01	2.1	30.0
Methyl Butyl Ketone	0.334	0.355	0.01	6.3	30.0
Dibromochloromethane	0.536	0.529	0.01	1.3	30.0
Chlorobenzene	0.647	0.635	0.3	1.8	30.0
Ethylbenzene	0.968	1.002	0.01	3.5	30.0
Xylene (m,p)	0.410	0.395	0.01	3.6	30.0
Xylene (o)	0.406	0.389	0.01	4.2	30.0
Styrene	0.527	0.588	0.01	11.6	30.0
Bromoform	0.517	0.530	0.01	2.5	30.0
1,1,2,2-Tetrachloroethane	0.534	0.559	0.01	4.7	30.0

FORM VII VOA

Data File: /chem/C.i/Csvr.p/cgcato15.b/cgc10av.d
Date : 27-DEC-2007 13:48
Client ID: astd10
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcato15.b/cgc10av.d
Lab Smp Id: astd10 Client Smp ID: astd10
Inj Date : 27-DEC-2007 13:48
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : astd10;122707cg;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcato15.b/rto15.m
Meth Date : 02-Jan-2008 13:55 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.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)
3 Chloromethane	50	3.878	3.883	(0.432)	295444	10.0000	10
4 Vinyl Chloride	62	4.123	4.129	(0.459)	369998	10.0000	10
6 Bromomethane	94	4.929	4.940	(0.549)	315239	10.0000	9.1
7 Chloroethane	64	5.159	5.164	(0.574)	153883	10.0000	9.6
11 1,1-Dichloroethene	96	6.562	6.568	(0.731)	281984	10.0000	9.7
12 Acetone	43	6.696	6.701	(0.746)	423099	10.0000	11
14 Carbon Disulfide	76	6.920	6.925	(0.771)	883540	10.0000	9.9
16 Methylene Chloride	49	7.304	7.310	(0.813)	344988	10.0000	9.4
19 trans-1,2-Dichloroethene	61	7.598	7.603	(0.846)	516177	10.0000	9.9
21 1,1-Dichloroethane	63	8.126	8.131	(0.905)	631057	10.0000	9.9
23 Methyl Ethyl Ketone	72	8.729	8.734	(0.972)	120348	10.0000	9.8
24 cis-1,2-Dichloroethene	96	8.734	8.740	(0.973)	342124	10.0000	9.9
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	341437	10.0000	
27 Chloroform	83	9.017	9.023	(1.004)	767598	10.0000	9.7
28 1,1,1-Trichloroethane	97	9.188	9.193	(0.934)	905226	10.0000	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
30 Carbon Tetrachloride	117	9.322	9.327	(0.947)	979569	10.0000	10
32 Benzene	78	9.524	9.530	(0.968)	945698	10.0000	9.9
33 1,2-Dichloroethane	62	9.588	9.594	(0.974)	517346	10.0000	10
* 35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1398917	10.0000	
36 Trichloroethene	95	10.074	10.074	(1.024)	469131	10.0000	10
38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	316830	10.0000	10
40 Bromodichloromethane	83	10.512	10.512	(1.068)	782968	10.0000	9.8
41 cis-1,3-Dichloropropene	75	10.864	10.869	(1.104)	518259	10.0000	11
42 Methyl Isobutyl Ketone	43	10.933	10.933	(1.111)	528640	10.0000	10
43 Toluene	92	11.115	11.115	(0.908)	602510	10.0000	10
44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.149)	537701	10.0000	11
45 1,1,2-Trichloroethane	83	11.467	11.472	(0.936)	293110	10.0000	10
46 Tetrachloroethene	166	11.552	11.552	(0.943)	635801	10.0000	9.8
47 Methyl Butyl Ketone	43	11.584	11.584	(0.946)	494717	10.0000	11
48 Dibromochloromethane	129	11.798	11.803	(0.963)	736488	10.0000	9.9
* 50 Chlorobenzene-d5	117	12.246	12.252	(1.000)	1391777	10.0000	
51 Chlorobenzene	112	12.273	12.278	(1.002)	883555	10.0000	9.8
52 Ethylbenzene	91	12.289	12.294	(1.003)	1394385	10.0000	10
53 Xylene (m,p)	106	12.374	12.380	(1.010)	1100330	20.0000	19
54 Xylene (o)	106	12.726	12.726	(1.039)	541062	10.0000	9.6
56 Styrene	104	12.737	12.742	(1.040)	818091	10.0000	11
57 Bromoform	173	12.988	12.993	(1.061)	737464	10.0000	10
58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	777457	10.0000	10

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: C.i
Lab File ID: cgc10av.d
Analysis Type: AIR
Lab Sample ID: astd10
Method: /chem/C.i/Csvr.p/cgcato15.b/rto15.m

Injection Date: 27-DEC-2007 13:48
Init. Cal. Date(s): 26-DEC-2007 26-DEC-2007
Init. Cal. Times: 14:58 20:02
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
3 Chloromethane	0.86537	0.86530	0.010	0.00897	30.00000	Averaged
4 Vinyl Chloride	1.08539	1.08365	0.010	0.16015	30.00000	Averaged
6 Bromomethane	1.01755	0.92327	0.010	9.26482	30.00000	Averaged
7 Chloroethane	0.47181	0.45069	0.010	4.47689	30.00000	Averaged
11 1,1-Dichloroethene	0.84762	0.82587	0.010	2.56606	30.00000	Averaged
12 Acetone	1.10823	1.23917	0.010	-11.81562	30.00000	Averaged
14 Carbon Disulfide	2.61143	2.58771	0.010	0.90844	30.00000	Averaged
16 Methylene Chloride	1.07038	1.01040	0.010	5.60340	30.00000	Averaged
19 trans-1,2-Dichloroethene	1.52851	1.51178	0.010	1.09480	30.00000	Averaged
21 1,1-Dichloroethane	1.87013	1.84824	0.100	1.17067	30.00000	Averaged
23 Methyl Ethyl Ketone	0.35882	0.35247	0.010	1.76816	30.00000	Averaged
24 cis-1,2-Dichloroethene	1.01449	1.00201	0.010	1.22998	30.00000	Averaged
27 Chloroform	2.32146	2.24814	0.010	3.15856	30.00000	Averaged
28 1,1,1-Trichloroethane	0.64288	0.64709	0.010	-0.65421	30.00000	Averaged
30 Carbon Tetrachloride	0.69501	0.70023	0.010	-0.75187	30.00000	Averaged
32 Benzene	0.68036	0.67602	0.010	0.63763	30.00000	Averaged
33 1,2-Dichloroethane	0.36697	0.36982	0.010	-0.77610	30.00000	Averaged
36 Trichloroethene	0.32878	0.33535	0.010	-2.00073	30.00000	Averaged
38 1,2-Dichloropropane	0.22556	0.22648	0.010	-0.41074	30.00000	Averaged
40 Bromodichloromethane	0.57106	0.55970	0.010	1.98937	30.00000	Averaged
41 cis-1,3-Dichloropropene	0.34998	0.37047	0.010	-5.85485	30.00000	Averaged
42 Methyl Isobutyl Ketone	0.36799	0.37789	0.010	-2.69194	30.00000	Averaged
43 Toluene	0.42619	0.43291	0.010	-1.57514	30.00000	Averaged
44 trans-1,3-Dichloropropene	0.35029	0.38437	0.010	-9.72816	30.00000	Averaged
45 1,1,2-Trichloroethane	0.20794	0.21060	0.010	-1.28008	30.00000	Averaged
46 Tetrachloroethene	0.46739	0.45683	0.010	2.26001	30.00000	Averaged
47 Methyl Butyl Ketone	0.33387	0.35546	0.010	-6.46695	30.00000	Averaged
48 Dibromochloromethane	0.53653	0.52917	0.010	1.37164	30.00000	Averaged
51 Chlorobenzene	0.64684	0.63484	0.300	1.85469	30.00000	Averaged
52 Ethylbenzene	0.96778	1.00187	0.010	-3.52265	30.00000	Averaged
53 Xylene (m,p)	0.41052	0.39530	0.010	3.70895	30.00000	Averaged
54 Xylene (o)	0.40542	0.38876	0.010	4.11094	30.00000	Averaged
56 Styrene	0.52690	0.58780	0.010	-11.55971	30.00000	Averaged
57 Bromoform	0.51729	0.52987	0.010	-2.43188	30.00000	Averaged
58 1,1,2,2-Tetrachloroethane	0.53343	0.55861	0.010	-4.72002	30.00000	Averaged

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Instrument ID: C Calibration Date: 12/28/07 Time: 1424

Lab File ID: CGC10BV Init. Calib. Date(s): 12/26/07 12/26/07

Heated Purge: (Y/N) N Init. Calib. Times: 1458 2002

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D	
Chloromethane	0.865	0.813	0.01	6.0	30.0	
Vinyl Chloride	1.085	1.142	0.01	5.2	30.0	
Bromomethane	1.017	0.960	0.01	5.6	30.0	
Chloroethane	0.472	0.448	0.01	5.1	30.0	
1,1-Dichloroethene	0.848	0.836	0.01	1.4	30.0	
Acetone	1.108	1.247	0.01	12.5	30.0	
Carbon Disulfide	2.611	2.584	0.01	1.0	30.0	
Methylene Chloride	1.070	1.005	0.01	6.1	30.0	
trans-1,2-Dichloroethene	1.528	1.493	0.01	2.3	30.0	
1,1-Dichloroethane	1.870	1.790	0.1	4.3	30.0	
Methyl Ethyl Ketone	0.359	0.384	0.01	7.0	30.0	
cis-1,2-Dichloroethene	1.014	1.076	0.01	6.1	30.0	
Chloroform	2.321	2.166	0.01	6.7	30.0	
1,1,1-Trichloroethane	0.643	0.710	0.01	10.4	30.0	
Carbon Tetrachloride	0.695	0.796	0.01	14.5	30.0	
Benzene	0.680	0.698	0.01	2.6	30.0	
1,2-Dichloroethane	0.367	0.385	0.01	4.9	30.0	
Trichloroethene	0.329	0.373	0.01	13.4	30.0	
1,2-Dichloropropane	0.225	0.236	0.01	4.9	30.0	
Bromodichloromethane	0.571	0.606	0.01	6.1	30.0	
cis-1,3-Dichloropropene	0.350	0.406	0.01	16.0	30.0	
Methyl Isobutyl Ketone	0.368	0.481	0.01	30.7	30.0	<-
Toluene	0.426	0.426	0.01	0.0	30.0	
trans-1,3-Dichloropropene	0.350	0.430	0.01	22.8	30.0	
1,1,2-Trichloroethane	0.208	0.209	0.01	0.5	30.0	
Tetrachloroethene	0.467	0.495	0.01	6.0	30.0	
Methyl Butyl Ketone	0.334	0.412	0.01	23.4	30.0	
Dibromochloromethane	0.536	0.538	0.01	0.4	30.0	
Chlorobenzene	0.647	0.652	0.3	0.8	30.0	
Ethylbenzene	0.968	0.983	0.01	1.5	30.0	
Xylene (m,p)	0.410	0.392	0.01	4.4	30.0	
Xylene (o)	0.406	0.379	0.01	6.6	30.0	
Styrene	0.527	0.588	0.01	11.6	30.0	
Bromoform	0.517	0.554	0.01	7.2	30.0	
1,1,2,2-Tetrachloroethane	0.534	0.544	0.01	1.9	30.0	

FORM VII VOA

Data File: /chem/C.i/Csvr.p/cgcbto15.b/cgc10bv.d

Page 4

Date : 28-DEC-2007 14:24

Client ID: astd10

Instrument: C.i

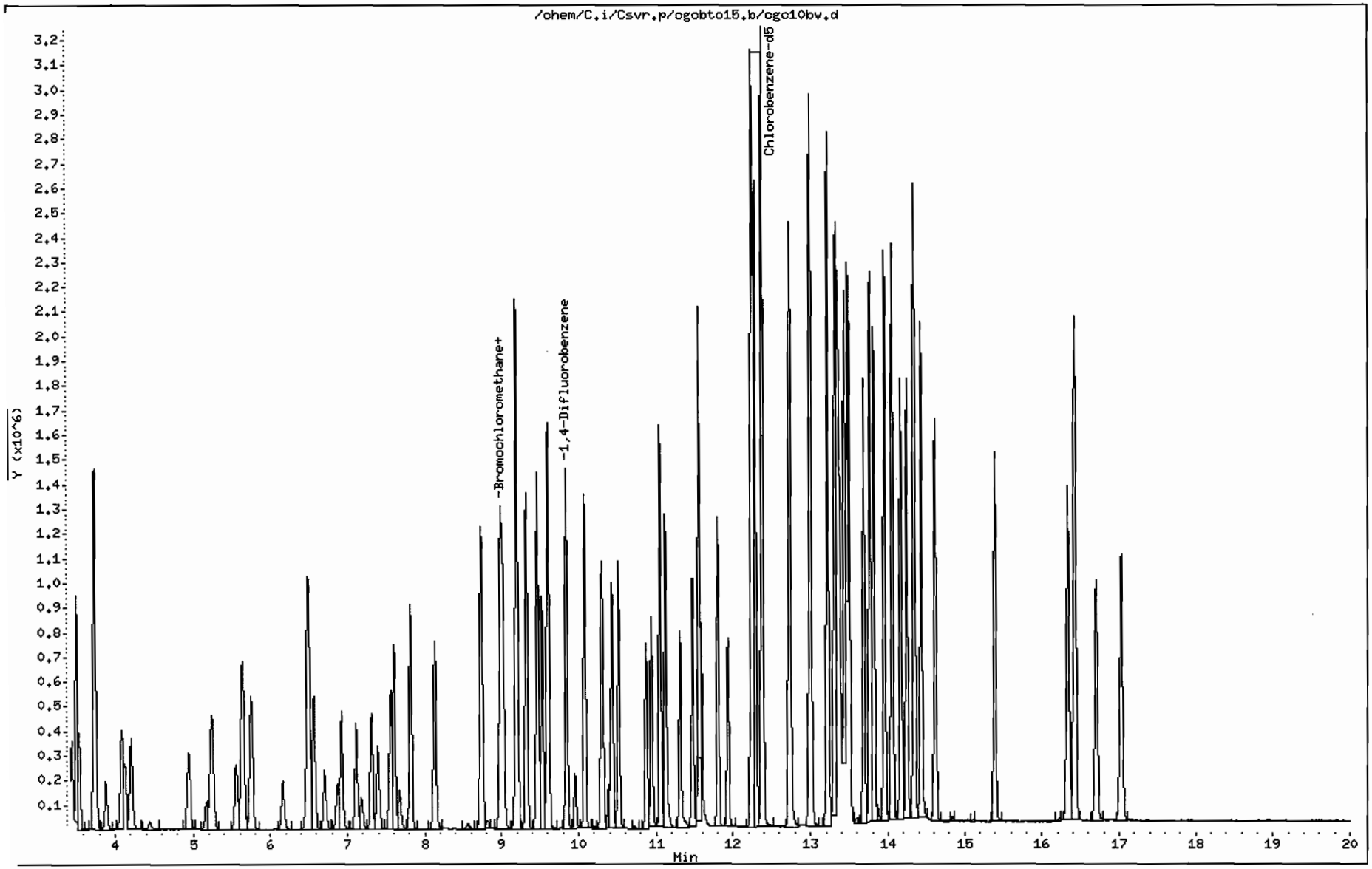
Sample Info:

Purge Volume: 200.0

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcbto15.b/cgc10bv.d
Lab Smp Id: astd10 Client Smp ID: astd10
Inj Date : 28-DEC-2007 14:24
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : astd10;122807CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcbto15.b/rto15.m
Meth Date : 02-Jan-2008 13:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 1 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)
3 Chloromethane	50	3.883	3.883	(0.432)	269956	10.0000	9.4
4 Vinyl Chloride	62	4.129	4.129	(0.460)	379142	10.0000	11
6 Bromomethane	94	4.940	4.940	(0.550)	318586	10.0000	9.4
7 Chloroethane	64	5.164	5.164	(0.575)	148811	10.0000	9.5
11 1,1-Dichloroethene	96	6.568	6.568	(0.731)	277470	10.0000	9.9
12 Acetone	43	6.701	6.701	(0.746)	413808	10.0000	11
14 Carbon Disulfide	76	6.925	6.925	(0.771)	857781	10.0000	9.9
16 Methylene Chloride	49	7.310	7.310	(0.813)	333489	10.0000	9.4
19 trans-1,2-Dichloroethene	61	7.603	7.603	(0.846)	495729	10.0000	9.8
21 1,1-Dichloroethane	63	8.132	8.131	(0.905)	594034	10.0000	9.6
23 Methyl Ethyl Ketone	72	8.729	8.734	(0.971)	127439	10.0000	11(Q)
24 cis-1,2-Dichloroethene	96	8.740	8.740	(0.973)	357178	10.0000	11
* 25 Bromochloromethane	128	8.985	8.985	(1.000)	331931	10.0000	
27 Chloroform	83	9.023	9.023	(1.004)	719008	10.0000	9.3
28 1,1,1-Trichloroethane	97	9.194	9.193	(0.934)	870394	10.0000	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
30 Carbon Tetrachloride	117	9.322	9.327	(0.947)	976496	10.0000	11
32 Benzene	78	9.530	9.530	(0.969)	856668	10.0000	10
33 1,2-Dichloroethane	62	9.588	9.594	(0.974)	472551	10.0000	10
* 35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1226479	10.0000	
36 Trichloroethene	95	10.074	10.074	(1.024)	457664	10.0000	11
38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	289211	10.0000	10
40 Bromodichloromethane	83	10.512	10.512	(1.068)	743102	10.0000	11
41 cis-1,3-Dichloropropene	75	10.864	10.869	(1.104)	497939	10.0000	12
42 Methyl Isobutyl Ketone	43	10.933	10.933	(1.111)	589930	10.0000	13
43 Toluene	92	11.115	11.115	(0.907)	579879	10.0000	10
44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.149)	527507	10.0000	12
45 1,1,2-Trichloroethane	83	11.467	11.472	(0.936)	284554	10.0000	10
46 Tetrachloroethene	166	11.552	11.552	(0.943)	673389	10.0000	11
47 Methyl Butyl Ketone	43	11.584	11.584	(0.946)	561297	10.0000	12
48 Dibromochloromethane	129	11.803	11.803	(0.963)	732136	10.0000	10
* 50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1360719	10.0000	
51 Chlorobenzene	112	12.278	12.278	(1.002)	886712	10.0000	10
52 Ethylbenzene	91	12.289	12.294	(1.003)	1337048	10.0000	10
53 Xylene (m,p)	106	12.374	12.380	(1.010)	1065671	20.0000	19
54 Xylene (o)	106	12.727	12.726	(1.039)	515749	10.0000	9.3
56 Styrene	104	12.743	12.742	(1.040)	800904	10.0000	11
57 Bromoform	173	12.988	12.993	(1.060)	753750	10.0000	11
58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	740627	10.0000	10

QC Flag Legend

Q - Qualifier signal failed the ratio test.

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: C.i
Lab File ID: cgc10bv.d
Analysis Type: AIR
Lab Sample ID: astd10
Method: /chem/C.i/Csvr.p/cgcbto15.b/rto15.m

Injection Date: 28-DEC-2007 14:24
Init. Cal. Date(s): 26-DEC-2007 26-DEC-2007
Init. Cal. Times: 14:58 20:02
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
3 Chloromethane	0.86537	0.81329	0.010	6.01866	30.00000	Averaged	
4 Vinyl Chloride	1.08539	1.14223	0.010	-5.23718	30.00000	Averaged	
6 Bromomethane	1.01755	0.95980	0.010	5.67534	30.00000	Averaged	
7 Chloroethane	0.47181	0.44832	0.010	4.97987	30.00000	Averaged	
11 1,1-Dichloroethene	0.84762	0.83593	0.010	1.38009	30.00000	Averaged	
12 Acetone	1.10823	1.24667	0.010	-12.49212	30.00000	Averaged	
14 Carbon Disulfide	2.61143	2.58421	0.010	1.04229	30.00000	Averaged	
16 Methylene Chloride	1.07038	1.00469	0.010	6.13652	30.00000	Averaged	
19 trans-1,2-Dichloroethene	1.52851	1.49347	0.010	2.29258	30.00000	Averaged	
21 1,1-Dichloroethane	1.87013	1.78963	0.100	4.30454	30.00000	Averaged	
23 Methyl Ethyl Ketone	0.35882	0.38393	0.010	-6.99871	30.00000	Averaged	
24 cis-1,2-Dichloroethene	1.01449	1.07606	0.010	-6.06914	30.00000	Averaged	
27 Chloroform	2.32146	2.16614	0.010	6.69093	30.00000	Averaged	
28 1,1,1-Trichloroethane	0.64288	0.70967	0.010	-10.38819	30.00000	Averaged	
30 Carbon Tetrachloride	0.69501	0.79618	0.010	-14.55667	30.00000	Averaged	
32 Benzene	0.68036	0.69848	0.010	-2.66298	30.00000	Averaged	
33 1,2-Dichloroethane	0.36697	0.38529	0.010	-4.99218	30.00000	Averaged	
36 Trichloroethene	0.32878	0.37315	0.010	-13.49787	30.00000	Averaged	
38 1,2-Dichloropropane	0.22556	0.23581	0.010	-4.54433	30.00000	Averaged	
40 Bromodichloromethane	0.57106	0.60588	0.010	-6.09854	30.00000	Averaged	
41 cis-1,3-Dichloropropene	0.34998	0.40599	0.010	-16.00371	30.00000	Averaged	
42 Methyl Isobutyl Ketone	0.36799	0.48099	0.010	-30.70996	30.00000	Averaged	<-
43 Toluene	0.42619	0.42616	0.010	0.00881	30.00000	Averaged	
44 trans-1,3-Dichloropropene	0.35029	0.43010	0.010	-22.78274	30.00000	Averaged	
45 1,1,2-Trichloroethane	0.20794	0.20912	0.010	-0.56789	30.00000	Averaged	
46 Tetrachloroethene	0.46739	0.49488	0.010	-5.88107	30.00000	Averaged	
47 Methyl Butyl Ketone	0.33387	0.41250	0.010	-23.55260	30.00000	Averaged	
48 Dibromochloromethane	0.53653	0.53805	0.010	-0.28341	30.00000	Averaged	
51 Chlorobenzene	0.64684	0.65165	0.300	-0.74413	30.00000	Averaged	
52 Ethylbenzene	0.96778	0.98260	0.010	-1.53152	30.00000	Averaged	
53 Xylene (m,p)	0.41052	0.39158	0.010	4.61341	30.00000	Averaged	
54 Xylene (o)	0.40542	0.37903	0.010	6.51076	30.00000	Averaged	
56 Styrene	0.52690	0.58859	0.010	-11.70882	30.00000	Averaged	
57 Bromoform	0.51729	0.55394	0.010	-7.08358	30.00000	Averaged	
58 1,1,2,2-Tetrachloroethane	0.53343	0.54429	0.010	-2.03615	30.00000	Averaged	

Raw QC Data – TO-15 Volatile

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc01pv.d

Page 3

Date : 26-DEC-2007 13:48

Client ID: VBFB

Instrument: C.i

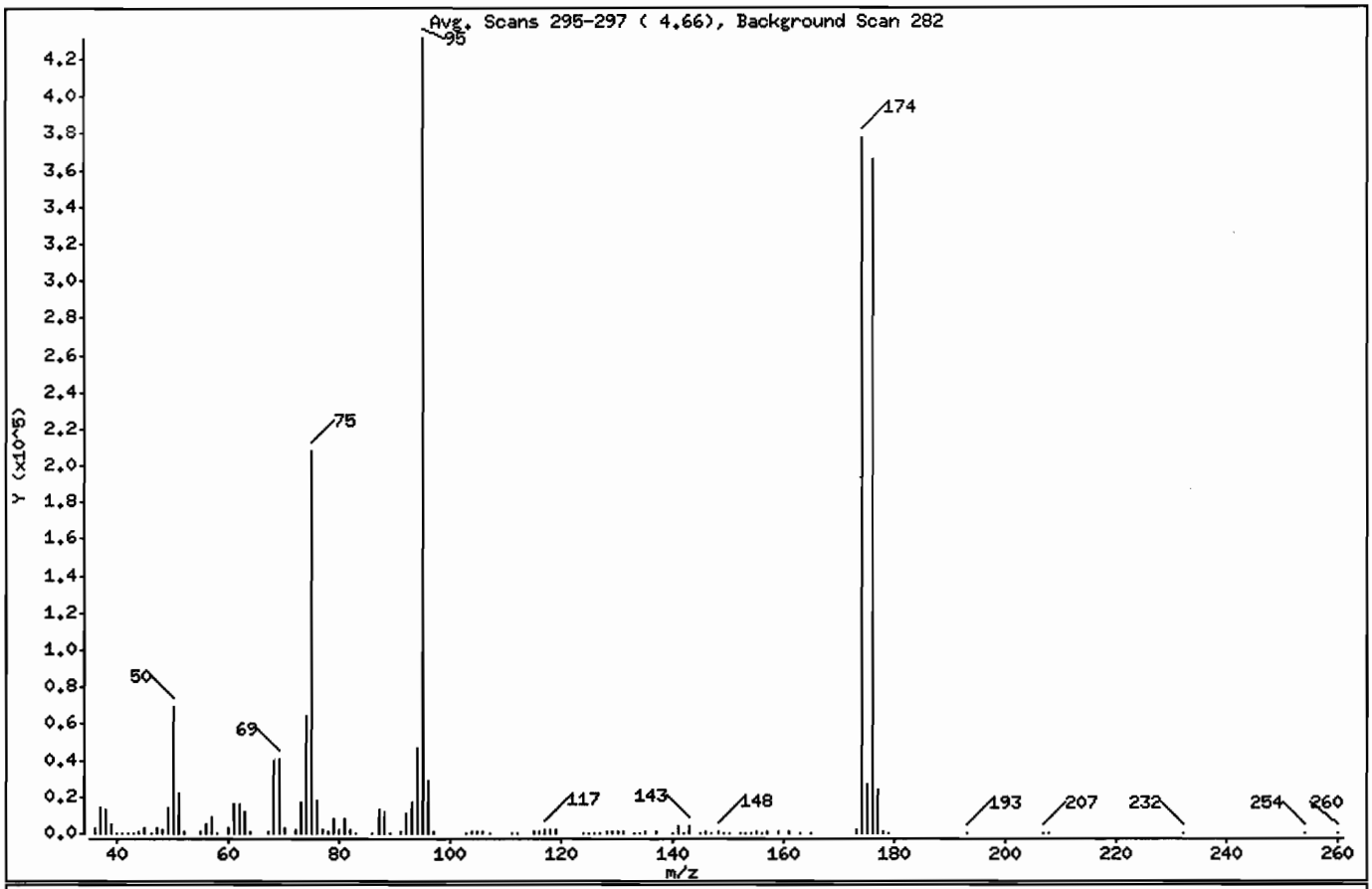
Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	16.15
75	30.00 - 66.00% of mass 95	48.21
96	5.00 - 9.00% of mass 95	6.60
173	Less than 2.00% of mass 174	0.46 (0.53)
174	50.00 - 120.00% of mass 95	87.55
175	4.00 - 9.00% of mass 174	6.18 (7.06)
176	93.00 - 101.00% of mass 174	84.92 (97.00)
177	5.00 - 9.00% of mass 176	5.60 (6.60)

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc01pv.d

Date : 26-DEC-2007 13:48

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Data File: cgc01pv.d
Spectrum: Avg. Scans 295-297 (4.66), Background Scan 282
Location of Maximum: 95.00
Number of points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2509	69.00	40616	106.00	1410	148.00	1049
37.00	14334	70.00	2982	107.00	379	149.00	365
38.00	12819	72.00	1774	111.00	105	150.00	431
39.00	5418	73.00	16400	112.00	72	152.00	82
40.00	196	74.00	64872	115.00	507	153.00	269
41.00	78	75.00	207744	116.00	1223	154.00	221
42.00	307	76.00	18216	117.00	2301	155.00	1020
43.00	217	77.00	2109	118.00	1512	156.00	69
44.00	1388	78.00	1320	119.00	1655	157.00	833
45.00	3247	79.00	7431	124.00	141	159.00	575
46.00	138	80.00	2234	125.00	158	161.00	624
47.00	3387	81.00	7451	126.00	171	163.00	163
48.00	1740	82.00	1657	127.00	313	165.00	85
49.00	13555	83.00	262	128.00	1424	173.00	1985
50.00	69600	86.00	212	129.00	691	174.00	377280
51.00	21360	87.00	12447	130.00	1481	175.00	26632
52.00	1058	88.00	11984	131.00	581	176.00	365952
55.00	756	89.00	66	133.00	53	177.00	24136
56.00	4717	91.00	1220	134.00	285	178.00	791
57.00	9139	92.00	11175	135.00	614	179.00	73
58.00	403	93.00	16512	137.00	690	193.00	62
60.00	2997	94.00	46368	140.00	315	207.00	348
61.00	15767	95.00	430912	141.00	3866	208.00	106
62.00	16193	96.00	28440	142.00	432	232.00	105
63.00	12007	97.00	994	143.00	4079	254.00	248
64.00	994	103.00	147	145.00	366	260.00	219
67.00	889	104.00	1467	146.00	689		
68.00	40104	105.00	600	147.00	277		

Data File: /chem/C.i/Csvr.p/cgcto15.b/cgc01pv.d

Date : 26-DEC-2007 13:48

Client ID: VBFB

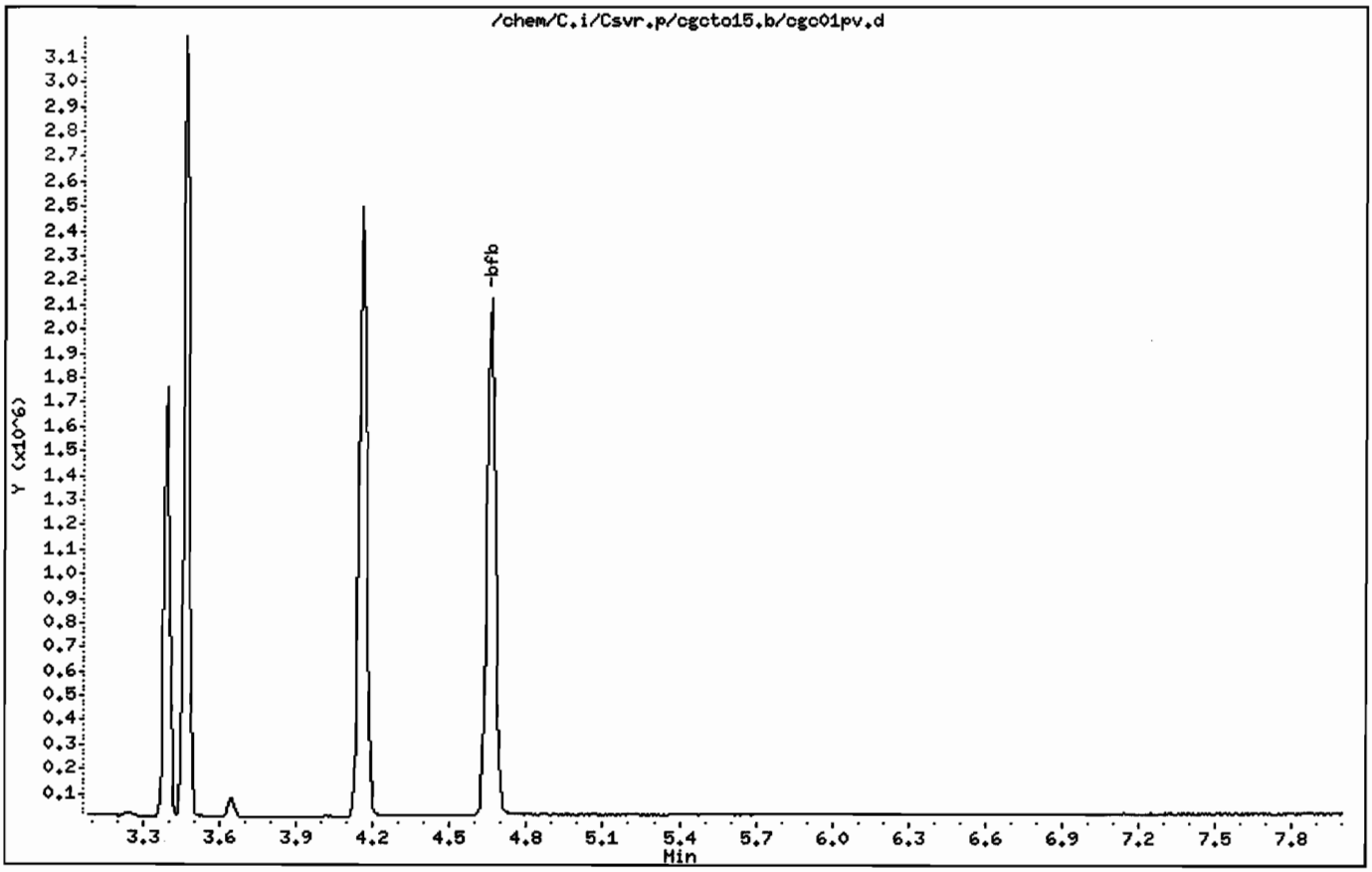
Instrument: C.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cgcato15.b/cgc02pv.d

Date : 27-DEC-2007 12:43

Client ID: VBFB

Instrument: C.i

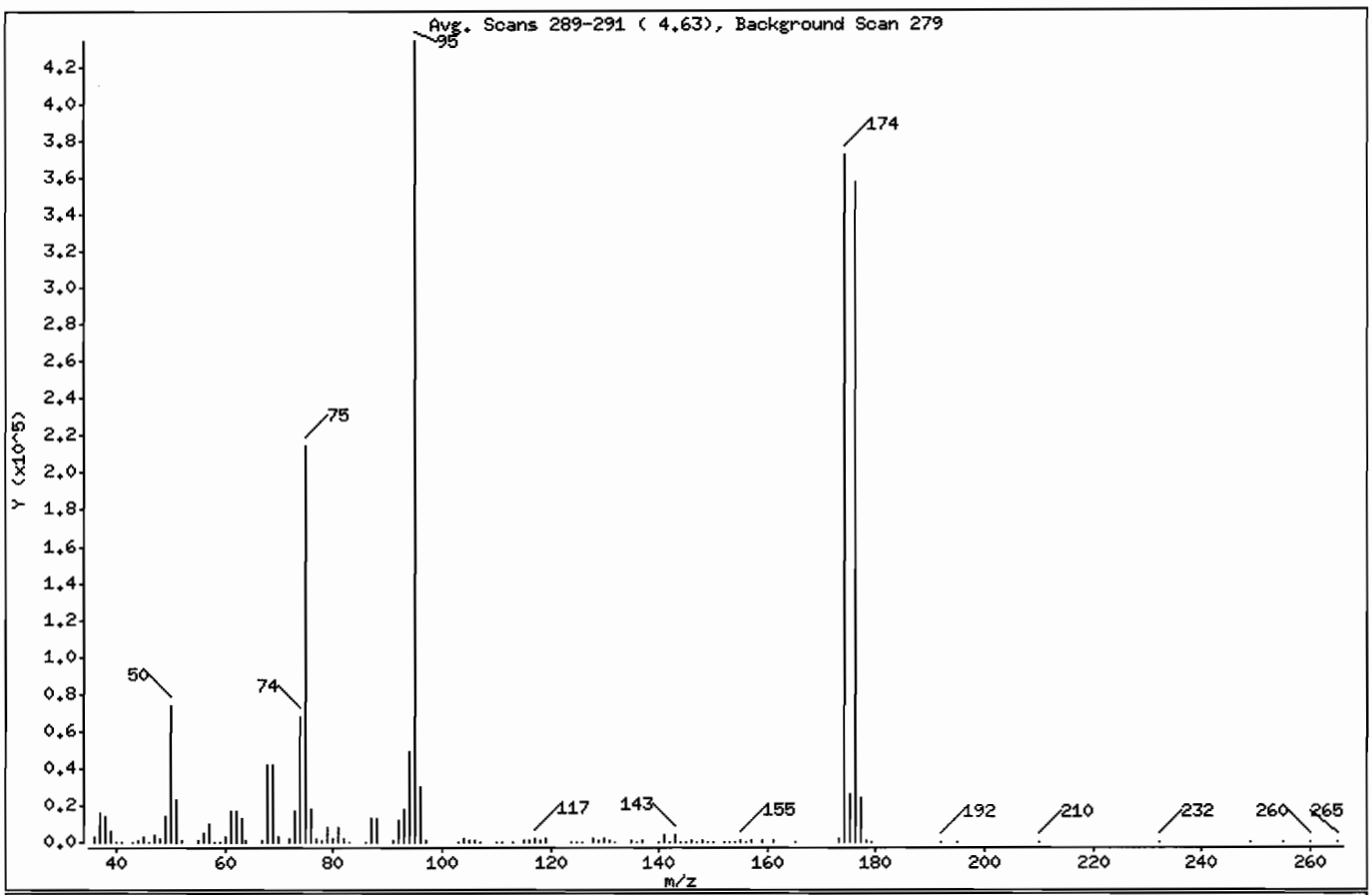
Sample Info: VBFB

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	17.05
75	30.00 - 66.00% of mass 95	49.45
96	5.00 - 9.00% of mass 95	6.83
173	Less than 2.00% of mass 174	0.36 (0.42)
174	50.00 - 120.00% of mass 95	85.76
175	4.00 - 9.00% of mass 174	5.92 (6.91)
176	93.00 - 101.00% of mass 174	82.33 (96.00)
177	5.00 - 9.00% of mass 176	5.58 (6.77)

Data File: /chem/C.i/Csvr.p/cgcato15.b/cgc02pv.d

Date : 27-DEC-2007 12:43

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Data File: cgc02pv.d
Spectrum: Avg. Scans 289-291 (4.63), Background Scan 279
Location of Maximum: 95.00
Number of points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2737	69.00	42168	107.00	421	148.00	1121
37.00	16070	70.00	3215	110.00	149	149.00	392
38.00	13756	72.00	2066	111.00	244	150.00	443
39.00	5552	73.00	17336	113.00	284	152.00	151
40.00	51	74.00	67480	115.00	537	153.00	316
41.00	77	75.00	214464	116.00	1327	154.00	320
43.00	81	76.00	18224	117.00	2331	155.00	1151
44.00	1423	77.00	2006	118.00	1480	156.00	184
45.00	3388	78.00	1426	119.00	1744	157.00	754
46.00	152	79.00	7495	124.00	239	159.00	565
47.00	4348	80.00	2417	125.00	174	161.00	587
48.00	1921	81.00	7721	126.00	230	165.00	71
49.00	14415	82.00	1623	128.00	1498	173.00	1554
50.00	73976	83.00	258	129.00	737	174.00	371968
51.00	22744	86.00	238	130.00	1614	175.00	25688
52.00	1160	87.00	13444	131.00	676	176.00	357120
55.00	799	88.00	13144	132.00	69	177.00	24192
56.00	5031	91.00	986	135.00	643	178.00	881
57.00	9940	92.00	11728	136.00	86	179.00	74
58.00	368	93.00	18248	137.00	603	192.00	248
59.00	80	94.00	49208	140.00	273	195.00	83
60.00	3080	95.00	433792	141.00	3917	210.00	66
61.00	17160	96.00	29640	142.00	419	232.00	21
62.00	16984	97.00	933	143.00	4023	249.00	149
63.00	13140	103.00	133	144.00	229	255.00	67
64.00	1051	104.00	1588	145.00	375	260.00	177
67.00	988	105.00	642	146.00	617	265.00	78
68.00	41656	106.00	1397	147.00	355		

Data File: /chem/C.i/Csvr.p/cgcato15.b/cgc02pv.d

Date : 27-DEC-2007 12:43

Client ID: VBFB

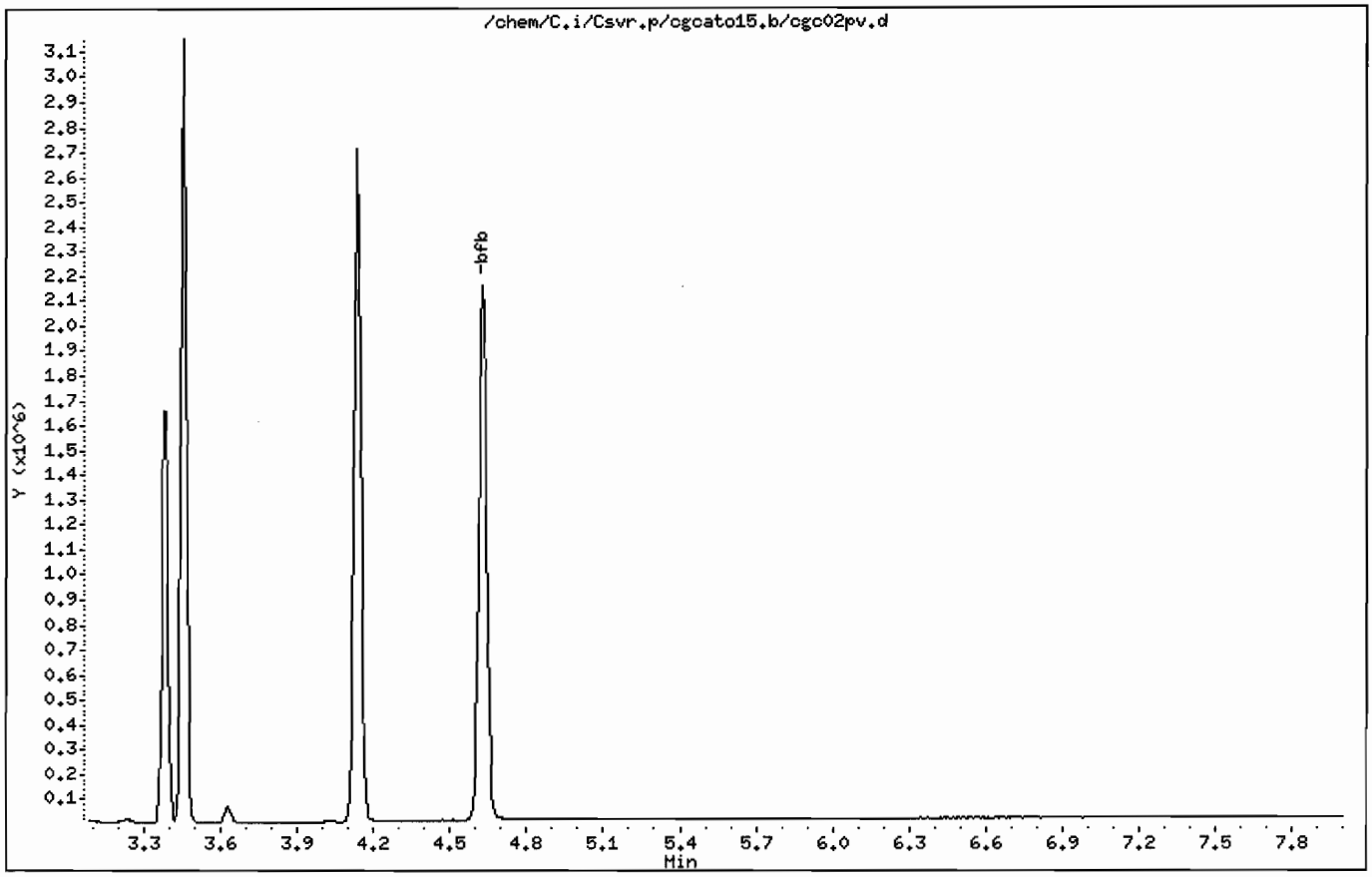
Instrument: C.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cgcbto15.b/cgc03pv.d

Date : 28-DEC-2007 13:39

Client ID: VBFB

Instrument: C.i

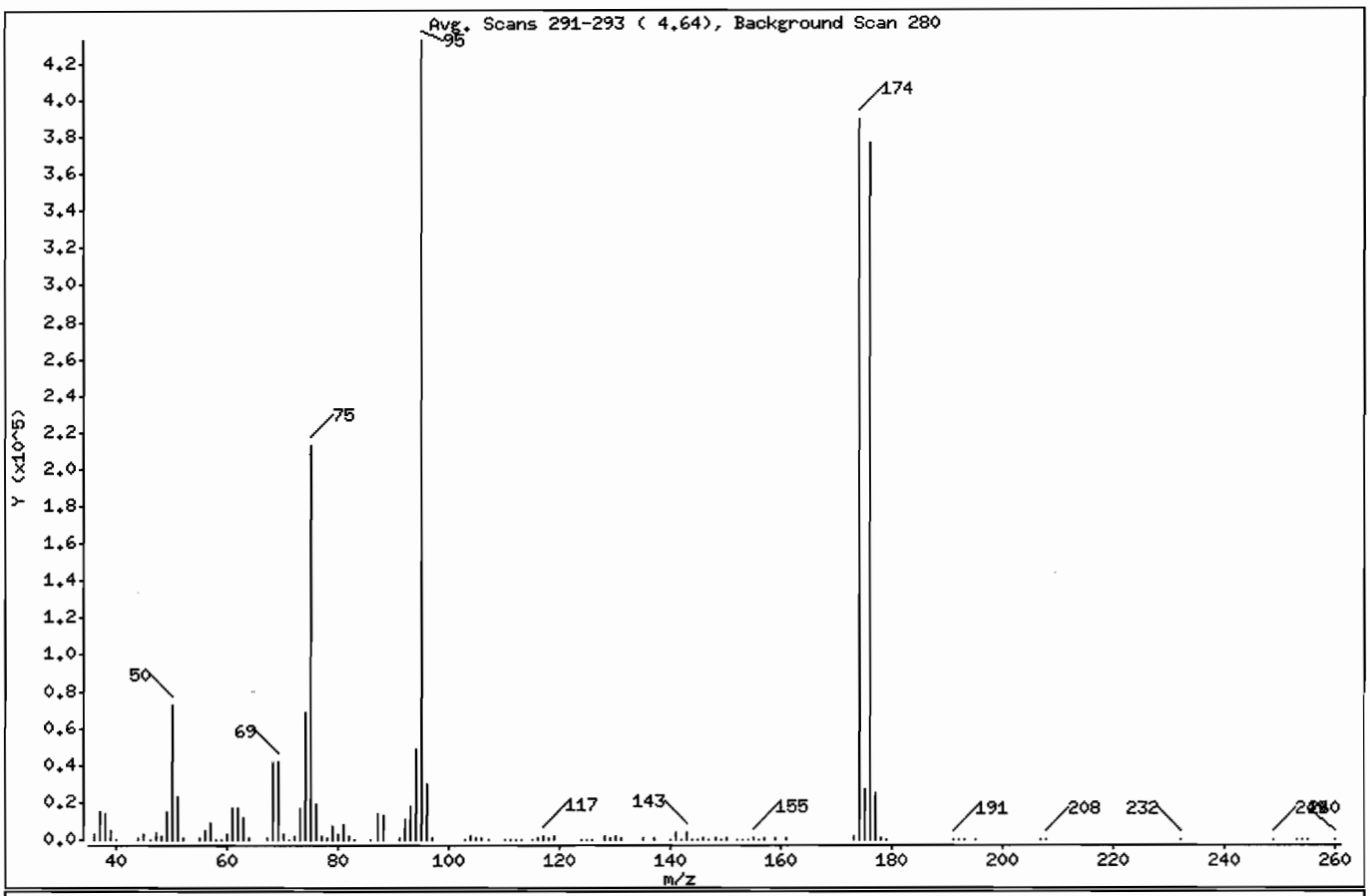
Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	16.88
75	30.00 - 66.00% of mass 95	49.17
96	5.00 - 9.00% of mass 95	6.81
173	Less than 2.00% of mass 174	0.45 (0.50)
174	50.00 - 120.00% of mass 95	89.82
175	4.00 - 9.00% of mass 174	6.21 (6.92)
176	93.00 - 101.00% of mass 174	86.97 (96.82)
177	5.00 - 9.00% of mass 176	5.71 (6.57)

Data File: /chem/C.i/Csvr.p/cgcbto15.b/cgc03pv.d

Date : 28-DEC-2007 13:39

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Data File: cgc03pv.d
Spectrum: Avg. Scans 291-293 (4.64), Background Scan 280
Location of Maximum: 95.00
Number of points: 112

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2571	72.00	1926	112.00	81	154.00	243
37.00	14779	73.00	17032	113.00	165	155.00	1201
38.00	13546	74.00	68160	115.00	486	156.00	247
39.00	5459	75.00	212736	116.00	1205	157.00	946
40.00	235	76.00	18840	117.00	2269	159.00	636
44.00	1290	77.00	2273	118.00	1383	161.00	663
45.00	3110	78.00	1289	119.00	2060	173.00	1932
46.00	136	79.00	7262	124.00	168	174.00	388672
47.00	4132	80.00	2665	125.00	271	175.00	26888
48.00	1854	81.00	7935	126.00	258	176.00	376320
49.00	14522	82.00	1722	128.00	1754	177.00	24720
50.00	73048	83.00	88	129.00	775	178.00	759
51.00	22552	86.00	227	130.00	1694	179.00	228
52.00	1113	87.00	13821	131.00	670	191.00	446
55.00	802	88.00	13109	135.00	509	192.00	12
56.00	4786	91.00	1468	137.00	674	193.00	80
57.00	9257	92.00	11185	140.00	278	195.00	174
58.00	375	93.00	17528	141.00	3660	207.00	87
59.00	67	94.00	48552	142.00	416	208.00	234
60.00	3268	95.00	432704	143.00	3869	232.00	95
61.00	16936	96.00	29448	144.00	285	249.00	230
62.00	16912	97.00	1088	145.00	324	253.00	92
63.00	12305	103.00	166	146.00	744	254.00	162
64.00	1057	104.00	1624	147.00	330	255.00	68
67.00	985	105.00	593	148.00	1130	260.00	31
68.00	40296	106.00	1457	149.00	139		
69.00	41328	107.00	376	150.00	504		
70.00	3040	110.00	137	152.00	72		
71.00	81	111.00	149	153.00	315		

Data File: /chem/C.i/Csvr.p/cgcbto15.b/cgc03pv.d

Date : 28-DEC-2007 13:39

Client ID: VBFB

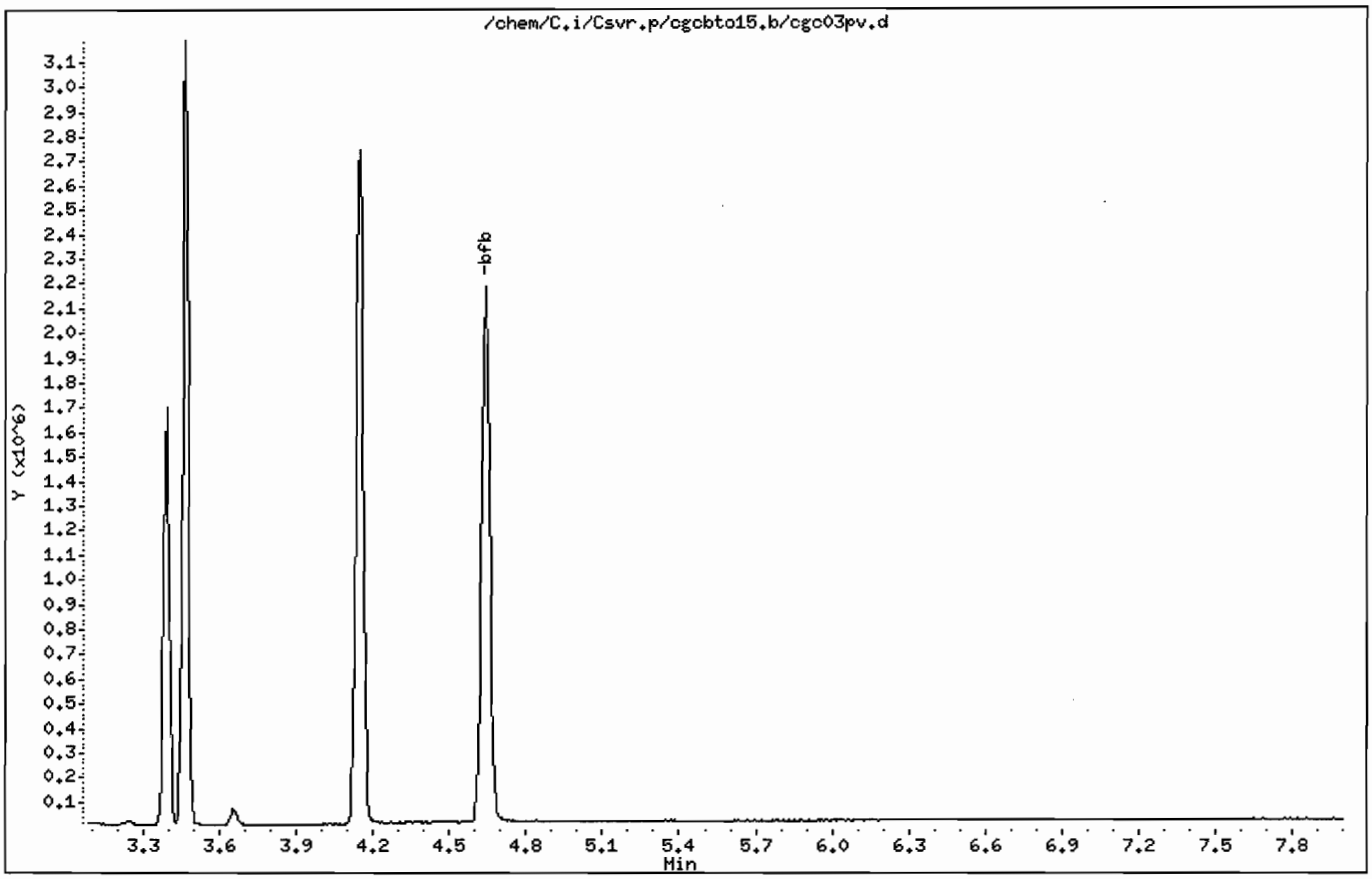
Instrument: C.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK122707CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: MBLK122707CA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGCB04A

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/27/07

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.

MBLK122707CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: MBLK122707CA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGCB04A

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/27/07

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

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

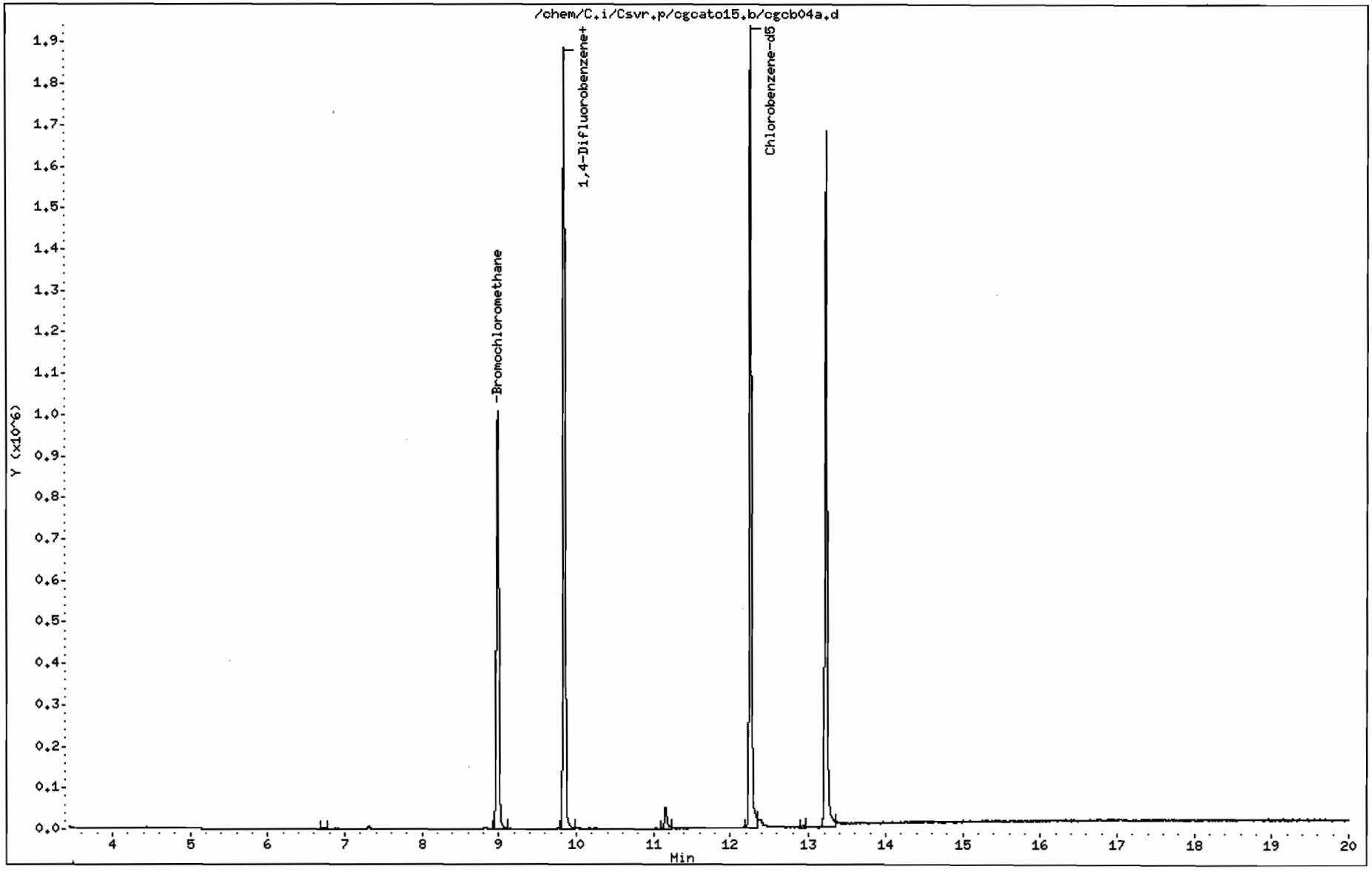
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcato15.b/cgcb04a.d
Date : 27-DEC-2007 19:43
Client ID: MBLK122707CA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcato15.b/cgcb04a.d
Lab Smp Id: MBLK122707CA Client Smp ID: MBLK122707CA
Inj Date : 27-DEC-2007 19:43
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : MBLK122707CA;122707CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcato15.b/rto15.m
Meth Date : 02-Jan-2008 13:55 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 8 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)
3 Chloromethane	50	Compound Not Detected.					
4 Vinyl Chloride	62	Compound Not Detected.					
6 Bromomethane	94	Compound Not Detected.					
7 Chloroethane	64	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
12 Acetone	43	Compound Not Detected.					
14 Carbon Disulfide	76	Compound Not Detected.					
16 Methylene Chloride	49	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	8.985	8.985	(1.000)	313793	10.0000	
27 Chloroform	83	Compound Not Detected.					
28 1,1,1-Trichloroethane	97	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
30 Carbon Tetrachloride	117	Compound Not Detected.					
32 Benzene	78	Compound Not Detected.					
33 1,2-Dichloroethane	62	Compound Not Detected.					
* 35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1592159	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	Compound Not Detected.					
43 Toluene	92	Compound Not Detected.					
44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
45 1,1,2-Trichloroethane	83	Compound Not Detected.					
46 Tetrachloroethene	166	Compound Not Detected.					
47 Methyl Butyl Ketone	43	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1248710	10.0000	
51 Chlorobenzene	112	Compound Not Detected.					
52 Ethylbenzene	91	Compound Not Detected.					
53 Xylene (m,p)	106	Compound Not Detected.					
54 Xylene (o)	106	Compound Not Detected.					
56 Styrene	104	Compound Not Detected.					
57 Bromoform	173	Compound Not Detected.					
58 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK122807CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: MBLK122807CA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGCB05B

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/28/07

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.

MBLK122807CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: MBLK122807CA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGCB05B

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/28/07

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

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

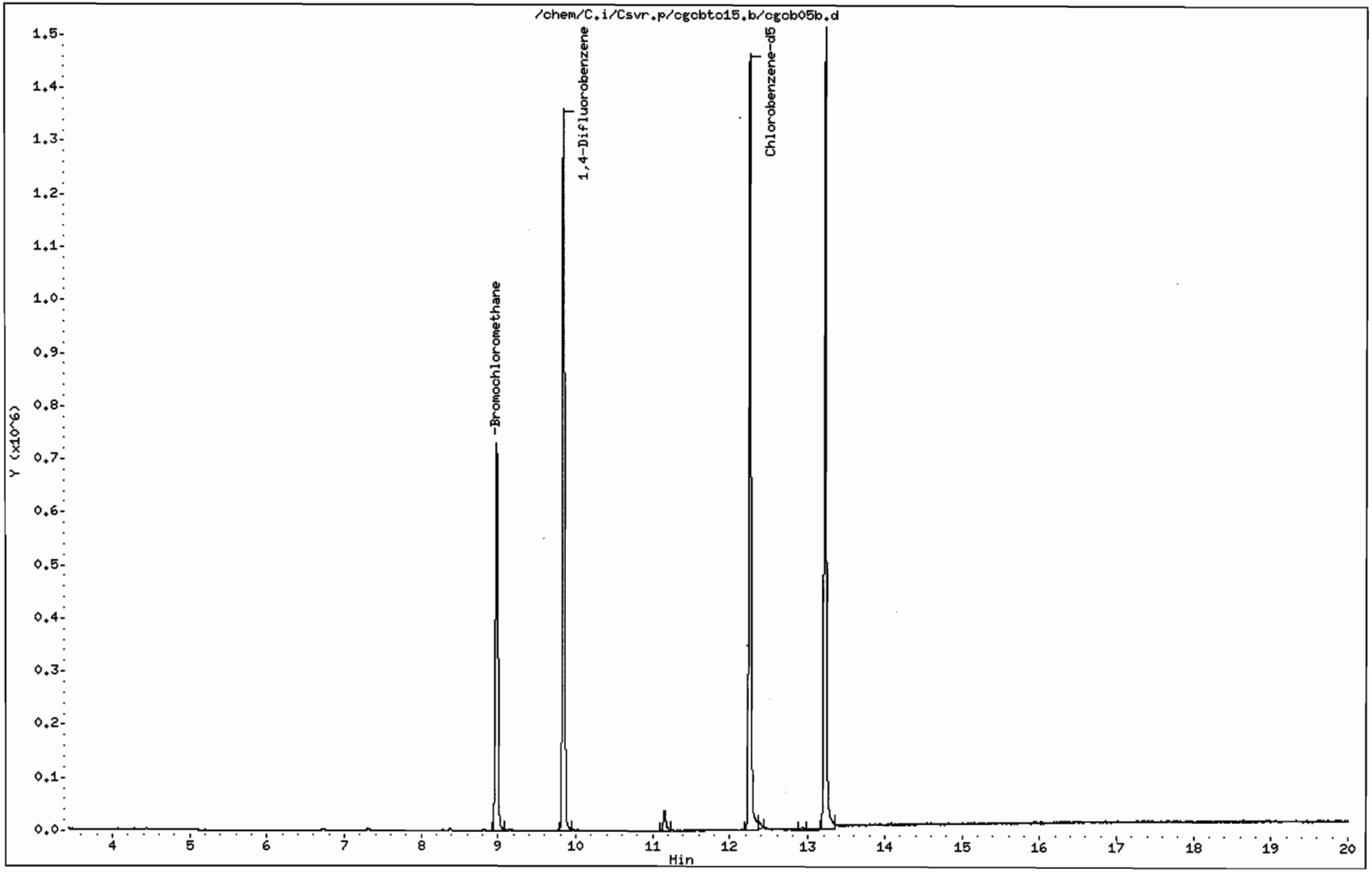
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcbto15.b/cgcb05b.d
Date : 28-DEC-2007 21:11
Client ID: MBLK122807CA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcbto15.b/cgcb05b.d
Lab Smp Id: MBLK122807CA Client Smp ID: MBLK122807CA
Inj Date : 28-DEC-2007 21:11
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : MBLK122807CA;122807CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcbto15.b/rto15.m
Meth Date : 02-Jan-2008 13:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 2 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)
3 Chloromethane	50	Compound Not Detected.					
4 Vinyl Chloride	62	Compound Not Detected.					
6 Bromomethane	94	Compound Not Detected.					
7 Chloroethane	64	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
12 Acetone	43	Compound Not Detected.					
14 Carbon Disulfide	76	Compound Not Detected.					
16 Methylene Chloride	49	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	212453	10.0000	
27 Chloroform	83	Compound Not Detected.					
28 1,1,1-Trichloroethane	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	30 Carbon Tetrachloride	117	Compound Not Detected.					
	32 Benzene	78	Compound Not Detected.					
	33 1,2-Dichloroethane	62	Compound Not Detected.					
*	35 1,4-Difluorobenzene	114	9.834	9.839	(1.000)	1068361	10.0000	
	36 Trichloroethene	95	Compound Not Detected.					
	38 1,2-Dichloropropane	63	Compound Not Detected.					
	40 Bromodichloromethane	83	Compound Not Detected.					
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	43 Toluene	92	Compound Not Detected.					
	44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	45 1,1,2-Trichloroethane	83	Compound Not Detected.					
	46 Tetrachloroethene	166	Compound Not Detected.					
	47 Methyl Butyl Ketone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	889438	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 Xylene (m,p)	106	Compound Not Detected.					
	54 Xylene (o)	106	Compound Not Detected.					
	56 Styrene	104	Compound Not Detected.					
	57 Bromoform	173	Compound Not Detected.					
	58 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA122707LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: CA122707LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10AQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/27/07

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	9.7	
75-01-4	Vinyl Chloride	9.5	
74-83-9	Bromomethane	8.0	
75-00-3	Chloroethane	8.4	
75-35-4	1,1-Dichloroethene	9.8	
67-64-1	Acetone	12	
75-15-0	Carbon Disulfide	9.3	
75-09-2	Methylene Chloride	9.7	
156-60-5	trans-1,2-Dichloroethene	9.4	
75-34-3	1,1-Dichloroethane	9.4	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	9.4	
67-66-3	Chloroform	9.4	
71-55-6	1,1,1-Trichloroethane	9.7	
56-23-5	Carbon Tetrachloride	9.6	
71-43-2	Benzene	9.2	
107-06-2	1,2-Dichloroethane	9.9	
79-01-6	Trichloroethene	9.5	
78-87-5	1,2-Dichloropropane	9.0	
75-27-4	Bromodichloromethane	9.8	
10061-01-5	cis-1,3-Dichloropropene	9.8	
108-10-1	Methyl Isobutyl Ketone	12	
108-88-3	Toluene	8.4	
10061-02-6	trans-1,3-Dichloropropene	9.9	
79-00-5	1,1,2-Trichloroethane	8.2	
127-18-4	Tetrachloroethene	8.4	
591-78-6	Methyl Butyl Ketone	11	
124-48-1	Dibromochloromethane	8.9	
108-90-7	Chlorobenzene	8.1	
100-41-4	Ethylbenzene	8.5	
1330-20-7	Xylene (m,p)	15	
95-47-6	Xylene (o)	7.7	
100-42-5	Styrene	9.0	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA122707LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: CA122707LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10AQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/27/07

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

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

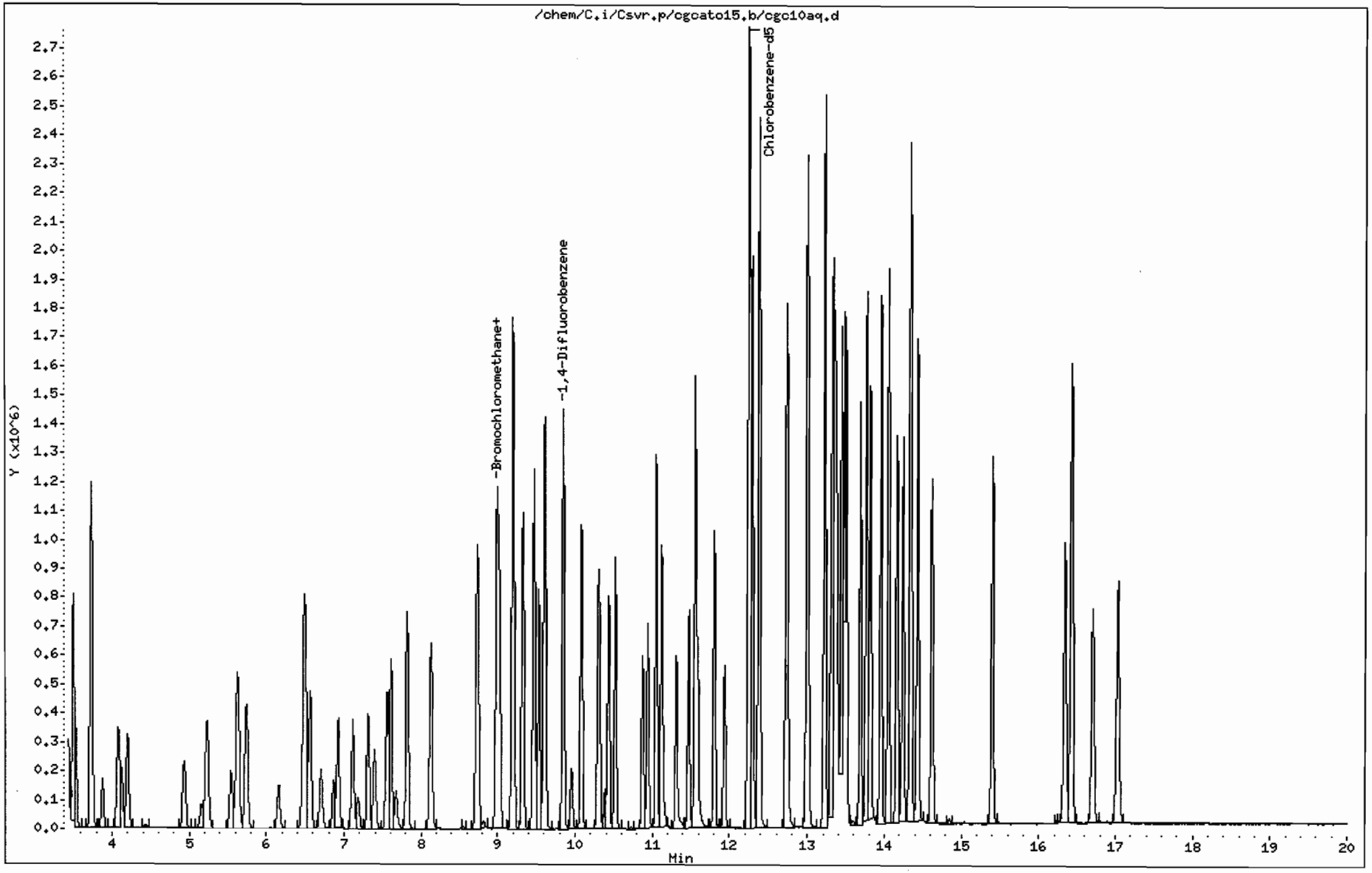
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	9.1	
79-34-5	1,1,2,2-Tetrachloroethane	8.6	

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcato15.b/cgc10aq.d
Date : 27-DEC-2007 15:29
Client ID: CA122707LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcato15.b/cgc10aq.d
Lab Smp Id: CA122707LCS Client Smp ID: CA122707LCS
Inj Date : 27-DEC-2007 15:29
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : CA122707LCS;122707CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcato15.b/rto15.m
Meth Date : 02-Jan-2008 13:55 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 9 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)
3 Chloromethane	50	3.873	3.883	(0.431)	237484	9.73821	9.7
4 Vinyl Chloride	62	4.118	4.129	(0.458)	291598	9.53340	9.5
6 Bromomethane	94	4.935	4.940	(0.549)	230374	8.03393	8.0
7 Chloroethane	64	5.159	5.164	(0.574)	111934	8.41858	8.4
11 1,1-Dichloroethene	96	6.562	6.568	(0.730)	233778	9.78697	9.8
12 Acetone	43	6.701	6.701	(0.746)	365338	11.6981	12
14 Carbon Disulfide	76	6.920	6.925	(0.770)	682475	9.27376	9.3
16 Methylene Chloride	49	7.304	7.310	(0.813)	293665	9.73561	9.7
19 trans-1,2-Dichloroethene	61	7.603	7.603	(0.846)	406936	9.44725	9.4
21 1,1-Dichloroethane	63	8.126	8.131	(0.904)	497144	9.43318	9.4
23 Methyl Ethyl Ketone	72	8.729	8.734	(0.971)	102127	10.0998	10(Q)
24 cis-1,2-Dichloroethene	96	8.740	8.740	(0.973)	268126	9.37863	9.4
* 25 Bromochloromethane	128	8.985	8.985	(1.000)	281807	10.0000	
27 Chloroform	83	9.017	9.023	(1.004)	613931	9.38438	9.4
28 1,1,1-Trichloroethane	97	9.194	9.193	(0.934)	724832	9.68188	9.7

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
30 Carbon Tetrachloride	117	9.322	9.327	(0.947)	776633	9.59581	9.6
32 Benzene	78	9.530	9.530	(0.969)	730825	9.22424	9.2
33 1,2-Dichloroethane	62	9.594	9.594	(0.975)	423283	9.90501	9.9
* 35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1164513	10.0000	
36 Trichloroethene	95	10.074	10.074	(1.024)	364130	9.51072	9.5
38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	236449	9.00200	9.0(Q)
40 Bromodichloromethane	83	10.512	10.512	(1.068)	653696	9.82998	9.8
41 cis-1,3-Dichloropropene	75	10.869	10.869	(1.105)	399223	9.79551	9.8
42 Methyl Isobutyl Ketone	43	10.933	10.933	(1.111)	494809	11.5468	12
43 Toluene	92	11.115	11.115	(0.907)	433511	8.35341	8.4
44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.149)	403869	9.90069	9.9
45 1,1,2-Trichloroethane	83	11.472	11.472	(0.936)	206789	8.16698	8.2
46 Tetrachloroethene	166	11.552	11.552	(0.943)	480236	8.43813	8.4
47 Methyl Butyl Ketone	43	11.584	11.584	(0.946)	463373	11.3980	11
48 Dibromochloromethane	129	11.803	11.803	(0.963)	581258	8.89704	8.9
* 50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1217669	10.0000	
51 Chlorobenzene	112	12.278	12.278	(1.002)	638542	8.10711	8.1
52 Ethylbenzene	91	12.294	12.294	(1.003)	1005406	8.53168	8.5
53 Xylene (m,p)	106	12.380	12.380	(1.010)	770417	15.4120	15
54 Xylene (o)	106	12.727	12.726	(1.039)	378231	7.66160	7.7
56 Styrene	104	12.743	12.742	(1.040)	579627	9.03431	9.0
57 Bromoform	173	12.988	12.993	(1.060)	572171	9.08365	9.1
58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	560424	8.62801	8.6

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA122707LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: CA122707LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10AQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/27/07

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	9.9	
75-01-4	Vinyl Chloride	9.7	
74-83-9	Bromomethane	8.4	
75-00-3	Chloroethane	8.3	
75-35-4	1,1-Dichloroethene	9.6	
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	9.2	
75-09-2	Methylene Chloride	9.7	
156-60-5	trans-1,2-Dichloroethene	9.4	
75-34-3	1,1-Dichloroethane	9.5	
78-93-3	Methyl Ethyl Ketone	9.5	
156-59-2	cis-1,2-Dichloroethene	9.2	
67-66-3	Chloroform	9.5	
71-55-6	1,1,1-Trichloroethane	8.8	
56-23-5	Carbon Tetrachloride	8.8	
71-43-2	Benzene	8.4	
107-06-2	1,2-Dichloroethane	9.2	
79-01-6	Trichloroethene	8.5	
78-87-5	1,2-Dichloropropane	8.3	
75-27-4	Bromodichloromethane	9.2	
10061-01-5	cis-1,3-Dichloropropene	8.9	
108-10-1	Methyl Isobutyl Ketone	9.7	
108-88-3	Toluene	8.1	
10061-02-6	trans-1,3-Dichloropropene	9.0	
79-00-5	1,1,2-Trichloroethane	7.7	
127-18-4	Tetrachloroethene	8.3	
591-78-6	Methyl Butyl Ketone	10	
124-48-1	Dibromochloromethane	8.6	
108-90-7	Chlorobenzene	7.7	
100-41-4	Ethylbenzene	8.0	
1330-20-7	Xylene (m,p)	14	
95-47-6	Xylene (o)	7.1	
100-42-5	Styrene	8.3	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA122707LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: CA122707LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10AQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/27/07

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

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

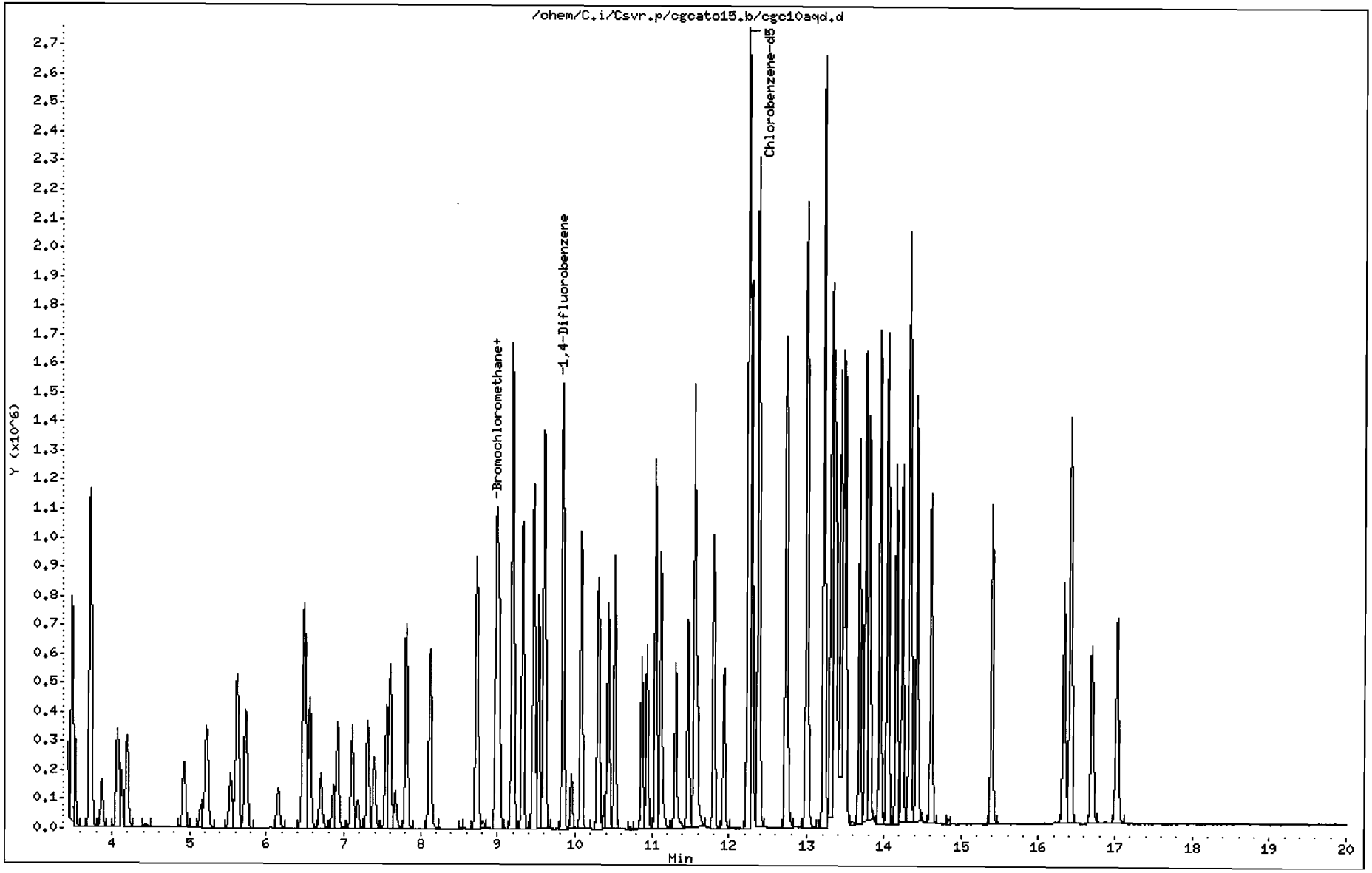
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	8.6	
79-34-5	1,1,2,2-Tetrachloroethane	7.9	

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcato15.b/cgc10aqd.d
Date : 27-DEC-2007 18:53
Client ID: CA122707LCSD
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcato15.b/cgc10aqd.d
Lab Smp Id: CA122707LCSD Client Smp ID: CA122707LCSD
Inj Date : 27-DEC-2007 18:53
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : CA122707LCSD;122707CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcato15.b/rto15.m
Meth Date : 02-Jan-2008 13:55 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 9 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
3 Chloromethane	50	3.873	3.883	(0.431)	229493	9.90907	9.9
4 Vinyl Chloride	62	4.113	4.129	(0.458)	282916	9.73956	9.7
6 Bromomethane	94	4.924	4.940	(0.548)	227614	8.35819	8.4
7 Chloroethane	64	5.148	5.164	(0.573)	105262	8.33618	8.3
11 1,1-Dichloroethene	96	6.557	6.568	(0.730)	217818	9.60190	9.6
12 Acetone	43	6.696	6.701	(0.746)	333734	11.2522	11
14 Carbon Disulfide	76	6.915	6.925	(0.770)	639764	9.15393	9.2
16 Methylene Chloride	49	7.299	7.310	(0.813)	278221	9.71225	9.7
19 trans-1,2-Dichloroethene	61	7.598	7.603	(0.846)	386109	9.43860	9.4
21 1,1-Dichloroethane	63	8.126	8.131	(0.905)	473704	9.46459	9.5
23 Methyl Ethyl Ketone	72	8.729	8.734	(0.972)	91441	9.52208	9.5(Q)
24 cis-1,2-Dichloroethene	96	8.735	8.740	(0.973)	250176	9.21435	9.2
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	267629	10.0000	
27 Chloroform	83	9.018	9.023	(1.004)	588128	9.46622	9.5
28 1,1,1-Trichloroethane	97	9.188	9.193	(0.934)	697258	8.78081	8.8

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
30 Carbon Tetrachloride	117	9.322	9.327	(0.947)	751840	8.75809	8.8
32 Benzene	78	9.525	9.530	(0.968)	709509	8.44293	8.4
33 1,2-Dichloroethane	62	9.589	9.594	(0.974)	417501	9.21085	9.2
* 35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1235168	10.0000	
36 Trichloroethene	95	10.074	10.074	(1.024)	346360	8.52909	8.5
38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	231543	8.31096	8.3
40 Bromodichloromethane	83	10.512	10.512	(1.068)	647985	9.18671	9.2
41 cis-1,3-Dichloropropene	75	10.864	10.869	(1.104)	384545	8.89564	8.9
42 Methyl Isobutyl Ketone	43	10.933	10.933	(1.111)	441129	9.70528	9.7
43 Toluene	92	11.115	11.115	(0.907)	422489	8.05293	8.1
44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.149)	389017	8.99108	9.0
45 1,1,2-Trichloroethane	83	11.467	11.472	(0.936)	196921	7.69309	7.7
46 Tetrachloroethene	166	11.553	11.552	(0.943)	475169	8.25875	8.3
47 Methyl Butyl Ketone	43	11.585	11.584	(0.946)	417056	10.1477	10
48 Dibromochloromethane	129	11.798	11.803	(0.963)	567236	8.58845	8.6
* 50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1230990	10.0000	
51 Chlorobenzene	112	12.273	12.278	(1.002)	614140	7.71291	7.7
52 Ethylbenzene	91	12.289	12.294	(1.003)	949806	7.97265	8.0
53 Xylene (m,p)	106	12.374	12.380	(1.010)	726218	14.3706	14
54 Xylene (o)	106	12.727	12.726	(1.039)	354824	7.10968	7.1
56 Styrene	104	12.743	12.742	(1.040)	540119	8.32742	8.3
57 Bromoform	173	12.988	12.993	(1.060)	549449	8.62853	8.6
58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	515727	7.85395	7.9

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA122807LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: CA122807LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10BQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/28/07

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	5.4	
75-01-4	Vinyl Chloride	5.3	
74-83-9	Bromomethane	4.4	
75-00-3	Chloroethane	4.4	
75-35-4	1,1-Dichloroethene	5.3	
67-64-1	Acetone	6.0	
75-15-0	Carbon Disulfide	4.9	
75-09-2	Methylene Chloride	5.3	
156-60-5	trans-1,2-Dichloroethene	5.1	
75-34-3	1,1-Dichloroethane	5.1	
78-93-3	Methyl Ethyl Ketone	5.4	
156-59-2	cis-1,2-Dichloroethene	4.9	
67-66-3	Chloroform	5.1	
71-55-6	1,1,1-Trichloroethane	6.0	
56-23-5	Carbon Tetrachloride	6.0	
71-43-2	Benzene	5.0	
107-06-2	1,2-Dichloroethane	5.8	
79-01-6	Trichloroethene	5.5	
78-87-5	1,2-Dichloropropane	5.1	
75-27-4	Bromodichloromethane	5.7	
10061-01-5	cis-1,3-Dichloropropene	5.5	
108-10-1	Methyl Isobutyl Ketone	6.5	
108-88-3	Toluene	4.9	
10061-02-6	trans-1,3-Dichloropropene	5.8	
79-00-5	1,1,2-Trichloroethane	4.8	
127-18-4	Tetrachloroethene	5.1	
591-78-6	Methyl Butyl Ketone	6.4	
124-48-1	Dibromochloromethane	5.4	
108-90-7	Chlorobenzene	4.9	
100-41-4	Ethylbenzene	5.1	
1330-20-7	Xylene (m,p)	8.8	
95-47-6	Xylene (o)	4.5	
100-42-5	Styrene	5.2	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA122807LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: CA122807LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10BQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/28/07

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

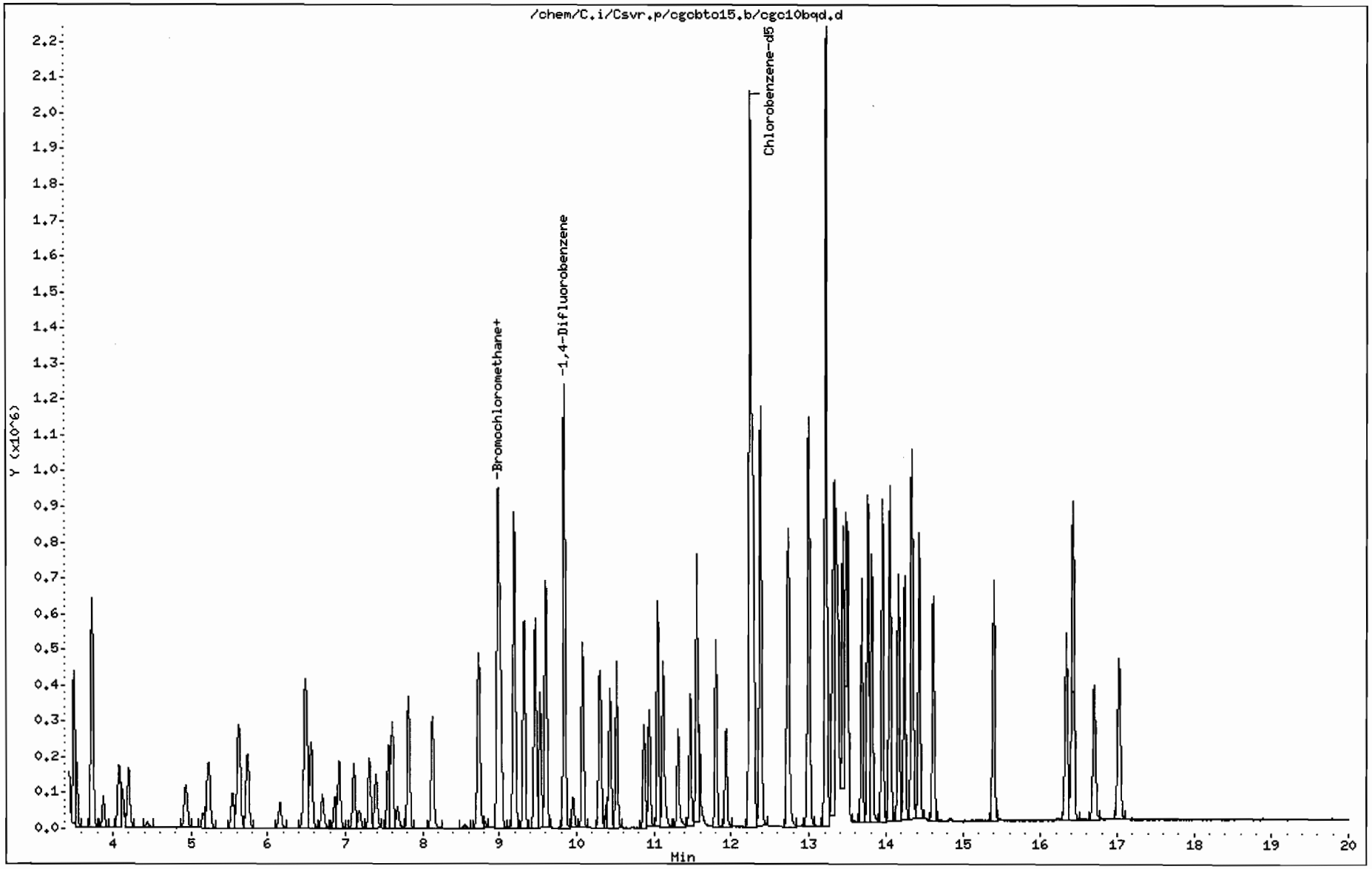
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	5.6	
79-34-5	1,1,2,2-Tetrachloroethane	5.1	

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcbto15.b/cgc10bqd.d
Date : 28-DEC-2007 17:48
Client ID: CA122807LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcbto15.b/cgc10bqd.d
Lab Smp Id: CA122807LCS Client Smp ID: CA122807LCS
Inj Date : 28-DEC-2007 17:48
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : CA122807LCS;122807CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcbto15.b/rto15.m
Meth Date : 02-Jan-2008 13:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.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)
3 Chloromethane	50	3.878	3.883	(0.432)	119942	5.36047	5.4
4 Vinyl Chloride	62	4.123	4.129	(0.459)	148465	5.29023	5.3
6 Bromomethane	94	4.935	4.940	(0.550)	116906	4.44343	4.4
7 Chloroethane	64	5.154	5.164	(0.574)	53501	4.38557	4.4
11 1,1-Dichloroethene	96	6.557	6.568	(0.730)	116770	5.32798	5.3
12 Acetone	43	6.701	6.701	(0.746)	172528	6.02096	6.0
14 Carbon Disulfide	76	6.920	6.925	(0.771)	330293	4.89165	4.9
16 Methylene Chloride	49	7.304	7.310	(0.813)	147621	5.33392	5.3
19 trans-1,2-Dichloroethene	61	7.598	7.603	(0.846)	203191	5.14127	5.1
21 1,1-Dichloroethane	63	8.126	8.131	(0.905)	247941	5.12757	5.1
23 Methyl Ethyl Ketone	72	8.729	8.734	(0.972)	49728	5.35994	5.4(Q)
24 cis-1,2-Dichloroethene	96	8.740	8.740	(0.973)	129618	4.94143	4.9
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	258562	10.0000	
27 Chloroform	83	9.017	9.023	(1.004)	306076	5.09921	5.1
28 1,1,1-Trichloroethane	97	9.188	9.193	(0.934)	380120	5.97608	6.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	30 Carbon Tetrachloride	117	9.322	9.327	(0.948)	411892	5.98994	6.0
	32 Benzene	78	9.524	9.530	(0.969)	335783	4.98826	5.0
	33 1,2-Dichloroethane	62	9.588	9.594	(0.975)	210066	5.78566	5.8
*	35 1,4-Difluorobenzene	114	9.834	9.839	(1.000)	989398	10.0000	
	36 Trichloroethene	95	10.074	10.074	(1.024)	178149	5.47663	5.5
	38 1,2-Dichloropropane	63	10.304	10.304	(1.048)	112991	5.06312	5.1(Q)
	40 Bromodichloromethane	83	10.512	10.512	(1.069)	320947	5.68046	5.7
	41 cis-1,3-Dichloropropene	75	10.864	10.869	(1.105)	191353	5.52612	5.5
	42 Methyl Isobutyl Ketone	43	10.933	10.933	(1.112)	237444	6.52166	6.5(R)
	43 Toluene	92	11.115	11.115	(0.908)	210771	4.94584	4.9
	44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.150)	200385	5.78180	5.8
	45 1,1,2-Trichloroethane	83	11.467	11.472	(0.936)	100526	4.83479	4.8
	46 Tetrachloroethene	166	11.552	11.552	(0.943)	240026	5.13589	5.1
	47 Methyl Butyl Ketone	43	11.584	11.584	(0.946)	214332	6.42024	6.4
	48 Dibromochloromethane	129	11.798	11.803	(0.963)	290319	5.41150	5.4
*	50 Chlorobenzene-d5	117	12.246	12.252	(1.000)	999916	10.0000	
	51 Chlorobenzene	112	12.273	12.278	(1.002)	314360	4.86037	4.9
	52 Ethylbenzene	91	12.289	12.294	(1.003)	488827	5.05143	5.1
	53 Xylene (m,p)	106	12.374	12.380	(1.010)	362513	8.83126	8.8
	54 Xylene (o)	106	12.721	12.726	(1.039)	183290	4.52134	4.5
	56 Styrene	104	12.743	12.742	(1.041)	273465	5.19055	5.2
	57 Bromoform	173	12.988	12.993	(1.061)	290552	5.61726	5.6
	58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	271239	5.08524	5.1

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA122807LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: CA122807LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10BQ2

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/28/07

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	5.4	
75-01-4	Vinyl Chloride	5.2	
74-83-9	Bromomethane	4.4	
75-00-3	Chloroethane	4.4	
75-35-4	1,1-Dichloroethene	5.2	
67-64-1	Acetone	5.6	
75-15-0	Carbon Disulfide	4.8	
75-09-2	Methylene Chloride	5.2	
156-60-5	trans-1,2-Dichloroethene	5.1	
75-34-3	1,1-Dichloroethane	5.1	
78-93-3	Methyl Ethyl Ketone	4.5	
156-59-2	cis-1,2-Dichloroethene	4.9	
67-66-3	Chloroform	5.2	
71-55-6	1,1,1-Trichloroethane	5.5	
56-23-5	Carbon Tetrachloride	5.5	
71-43-2	Benzene	4.8	
107-06-2	1,2-Dichloroethane	5.7	
79-01-6	Trichloroethene	5.1	
78-87-5	1,2-Dichloropropane	4.9	
75-27-4	Bromodichloromethane	5.6	
10061-01-5	cis-1,3-Dichloropropene	5.2	
108-10-1	Methyl Isobutyl Ketone	5.2	
108-88-3	Toluene	4.7	
10061-02-6	trans-1,3-Dichloropropene	5.3	
79-00-5	1,1,2-Trichloroethane	4.7	
127-18-4	Tetrachloroethene	5.1	
591-78-6	Methyl Butyl Ketone	5.4	
124-48-1	Dibromochloromethane	5.3	
108-90-7	Chlorobenzene	4.7	
100-41-4	Ethylbenzene	4.8	
1330-20-7	Xylene (m,p)	8.5	
95-47-6	Xylene (o)	4.2	
100-42-5	Styrene	4.8	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA122807LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: CA122807LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10BQ2

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/28/07

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

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

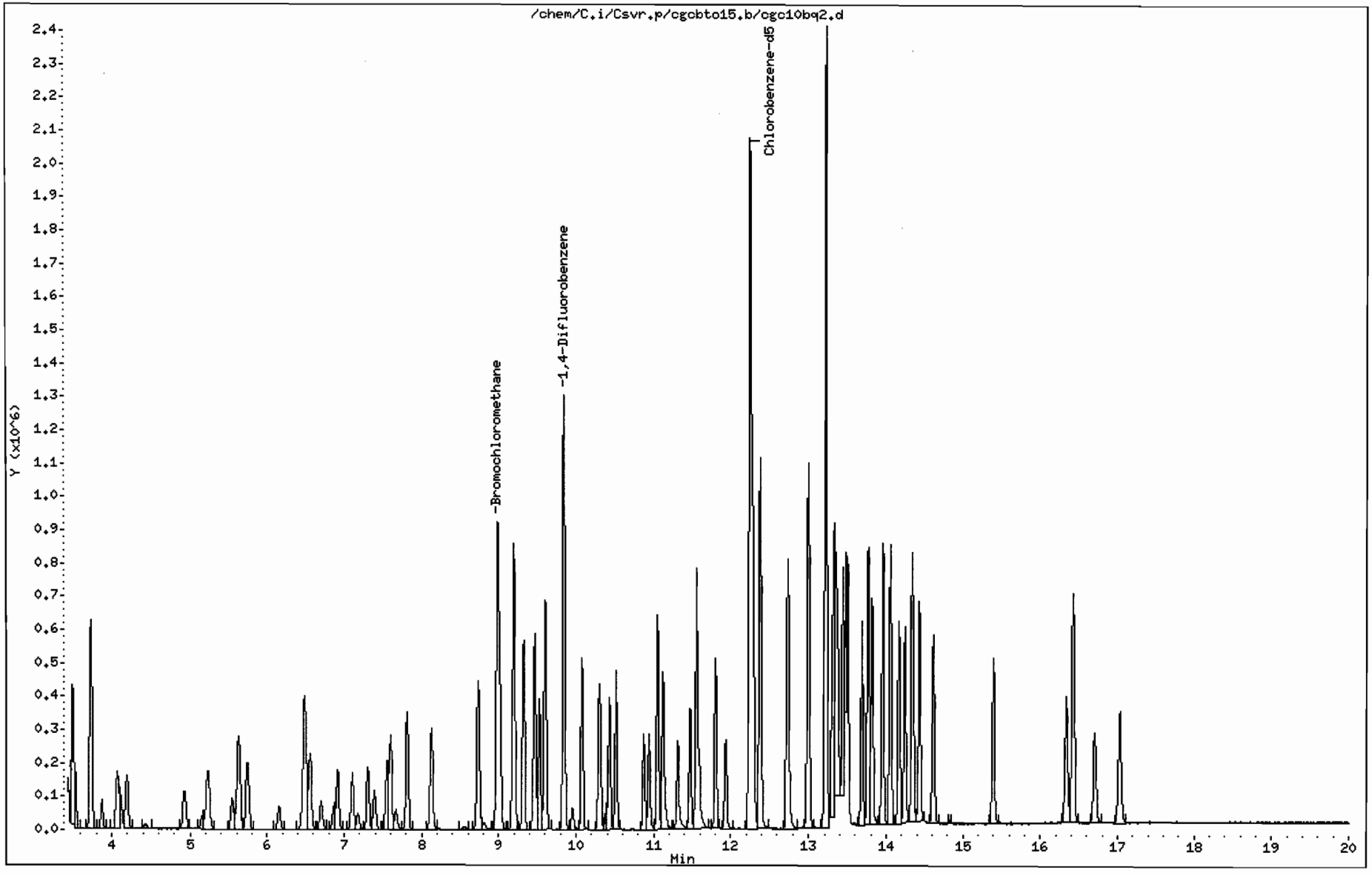
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	5.2	
79-34-5	1,1,2,2-Tetrachloroethane	4.7	

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcbto15.b/cgc10bq2.d
Date : 28-DEC-2007 19:29
Client ID: CA122807LCSD
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i

Operator: pad
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgcbto15.b/cgc10bq2.d
Lab Smp Id: CA122807LCSD Client Smp ID: CA122807LCSD
Inj Date : 28-DEC-2007 19:29
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : CA122807LCSD;122807CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgcbto15.b/rto15.m
Meth Date : 02-Jan-2008 13:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 3 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
3 Chloromethane	50	3.873	3.883	(0.431)	116405	5.37090	5.4
4 Vinyl Chloride	62	4.113	4.129	(0.458)	140663	5.17457	5.2
6 Bromomethane	94	4.924	4.940	(0.548)	111581	4.37840	4.4
7 Chloroethane	64	5.154	5.164	(0.574)	52121	4.41083	4.4
11 1,1-Dichloroethene	96	6.557	6.568	(0.730)	110236	5.19277	5.2
12 Acetone	43	6.701	6.701	(0.746)	156124	5.62496	5.6
14 Carbon Disulfide	76	6.915	6.925	(0.770)	314852	4.81400	4.8
16 Methylene Chloride	49	7.299	7.310	(0.813)	140035	5.22370	5.2
19 trans-1,2-Dichloroethene	61	7.598	7.603	(0.846)	194103	5.07040	5.1
21 1,1-Dichloroethane	63	8.126	8.131	(0.905)	237316	5.06680	5.1
23 Methyl Ethyl Ketone	72	8.729	8.734	(0.972)	40782	4.53807	4.5(Q)
24 cis-1,2-Dichloroethene	96	8.735	8.740	(0.973)	124363	4.89466	4.9
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	250450	10.0000	
27 Chloroform	83	9.018	9.023	(1.004)	305233	5.24987	5.2
28 1,1,1-Trichloroethane	97	9.188	9.193	(0.934)	369529	5.49185	5.5

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
30 Carbon Tetrachloride	117	9.322	9.327	(0.947)	397497	5.46446	5.5
32 Benzene	78	9.525	9.530	(0.968)	343975	4.83049	4.8
33 1,2-Dichloroethane	62	9.589	9.594	(0.974)	220234	5.73398	5.7
* 35 1,4-Difluorobenzene	114	9.839	9.839	(1.000)	1046639	10.0000	
36 Trichloroethene	95	10.074	10.074	(1.024)	175587	5.10266	5.1
38 1,2-Dichloropropane	63	10.304	10.304	(1.047)	114593	4.85408	4.9
40 Bromodichloromethane	83	10.512	10.512	(1.068)	332231	5.55859	5.6
41 cis-1,3-Dichloropropene	75	10.864	10.869	(1.104)	191614	5.23102	5.2
42 Methyl Isobutyl Ketone	43	10.933	10.933	(1.111)	200475	5.20513	5.2
43 Toluene	92	11.115	11.115	(0.907)	206143	4.74610	4.7
44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.149)	192981	5.26365	5.3
45 1,1,2-Trichloroethane	83	11.473	11.472	(0.936)	98715	4.65824	4.7
46 Tetrachloroethene	166	11.553	11.552	(0.943)	242402	5.08900	5.1
47 Methyl Butyl Ketone	43	11.585	11.584	(0.946)	184983	5.43670	5.4
48 Dibromochloromethane	129	11.798	11.803	(0.963)	290385	5.31075	5.3
* 50 Chlorobenzene-d5	117	12.252	12.252	(1.000)	1019118	10.0000	
51 Chlorobenzene	112	12.273	12.278	(1.002)	309200	4.69052	4.7
52 Ethylbenzene	91	12.289	12.294	(1.003)	470804	4.77351	4.8
53 Xylene (m,p)	106	12.374	12.380	(1.010)	354027	8.46203	8.5
54 Xylene (o)	106	12.727	12.726	(1.039)	174395	4.22086	4.2
56 Styrene	104	12.743	12.742	(1.040)	255695	4.76182	4.8
57 Bromoform	173	12.988	12.993	(1.060)	276105	5.23738	5.2
58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	253632	4.66555	4.7

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Sample Preparation – TO-15 Volatile

Air Canister Post-Sampling Pressure Check Record

Project Information			
Client:	20H HAA		
ETR:	123558	SDG:	123558
Date:	12/22/07		
Analyst:	JJR		

Lab ID	CAN ID	Pressure ("Hg) Initial[1]	Final[2]	NCR[3]	FC ID	Certification Batch	Comments
736413	4137	-29.9	0.0	2	3787	4574 BGIF	FC @ 49.1 (2hr)
736414	4354		-6.1		3992		
736415	2550		-2.8		2829		
736416	2890		-2.0		4187		
736417	2871	-29.5	-1.1		4525	3555 CGBB	
736418	2664	-29.9	-8.2		4674	4574 BGIF	
736419	2898	-29.9	-19.0	1	2817	4574 BGIF	FC @ 8.33 (2 hr)

JJR 12/22/07

1 Reading taken during the post-canister cleaning leak test.

2 Reading taken by laboratory on receipt of the canister post-sampling.

3 The final pressure should be between -1 and -10 ("Hg), if not, initiate NCR. NCR Codes: (1) -10 to-30 ("Hg) (2) -1 to Positive ("Hg) (3) Valve Open

SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 123558

Page: _____ of _____
Analyst: PAD
Date: 12/26/07

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor	DF
736413	0	=	1.00	2.70	3.1	=	1.21	3.27	1.21	4.48
736414	-6.3	=	0.79	2.13	3.2	=	1.22	3.29	1.54	5.73
736415		=	1.00	2.70		=	1.00	2.70	1.00	
736416		=	1.00	2.70		=	1.00	2.70	1.00	
736417	-1.5	=	0.95	2.56	3.1	=	1.21	3.27	1.27	4.70
736418		=	1.00	2.70		=	1.00	2.70	1.00	
736419		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	

CALCULATION:

$$\frac{\text{Preadjusted Pressure}(\text{"Hg}) + 29.92\text{"Hg}}{29.92\text{"Hg}} + 2.7\,\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure}(\text{psig}) + 14.7\,\text{psig}}{14.7\,\text{psig}} + 2.7\text{L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{Dilution Factor}$$

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).
2.7 L = Volume of SUMMA canister at atmospheric pressure.

FAI035C:09.12.06:0
TestAmerica Burlington

SUMMA Canister Dilution Spreadsheet

Page: 1 of 1

Client: ROHAA
ETR: 123558

Analyst: NJR
Date: 12/27/07

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor	
736413	0	=	1.00	2.70	39.7	=	3.70	9.99	3.70	4.48
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
736414	0	=	1.00	2.70	40	=	3.72	10.05	3.72	5.73
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
736417	0	=	1.00	2.70	39.7	=	3.70	9.99	3.70	4.70
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	

CALCULATION:

$$\frac{\text{Preadjusted Pressure("Hg)} + 29.92\text{"Hg}}{29.92\text{"Hg}} + 2.7\,\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure(psig)} + 14.7\,\text{psig}}{14.7\,\text{psig}} + 2.7\text{L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{Dilution Factor}$$

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).
2.7 L = Volume of SUMMA canister at atmospheric pressure.

FAI035C:09.12.06:0
TestAmerica Burlington

SUMMA Canister Dilution Spreadsheet

Client: ROHAA
ETR: 123558

Page: 1 of 1
Analyst: NJR
Date: 12/28/07

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor	CDF
736413	0	=	1.00	2.70	40	=	3.72	10.05	3.72	16.7
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
736414	0	=	1.00	2.70	40	=	3.72	10.05	3.72	21.3
		=	1.00	2.70		=	1.00	2.70	1.00	
736417	0	=	1.00	2.70	40	=	3.72	10.05	3.72	17.5
		=	1.00	2.70		=	1.00	2.70	1.00	
736419	-18.7	=	0.38	1.01	39.9	=	3.71	10.03	9.90	9.9
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	
		=	1.00	2.70		=	1.00	2.70	1.00	

CALCULATION:

$$\frac{\text{Preadjusted Pressure("Hg)} + 29.92\text{"Hg}}{29.92\text{"Hg}} + 2.7\,\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure(psig)} + 14.7\,\text{psig}}{14.7\,\text{psig}} + 2.7\text{L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{DilutionFactor}$$

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).
2.7 L = Volume of SUMMA canister at atmospheric pressure.

FAI035C:09.12.06:0
TestAmerica Burlington

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability		Instrument Information	Instrument Performance Checks	
Batch ID: CGC		CAL STD Lot #		Instrument ID: C	☑ Tune STD	☐ RF Summary
Test Method: T015		ISTD Lot #: AT02200509		Instrument: 5973	☐ Internal Standard Response	
ICAL Date: 122607		ICV / LCS Lot # AT1070203		Column Type: RTX-624	☐ RT & Ratios Updated	
Start Date: 122607	Time: 1348				Room Temp 22 °C	
End Date: 122707	Time: 1348				Barometric Pressure 30.0 "Hg	

Sequence Information								Individual Sample Review			Comments
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Volume (mL)	Inlet #	Dilution Factor	Operator	Internal Standard	Result Conc.	Primary Analyst	
1348	~~CGB14PV~~ CGC01PV	BFB			NA	NA	PAD			PAD	
1458	CGC002V	Level 1		200	3	1	↓	✓	✓	WW	AT1101702
1546	CGC005V	Level 2		200	4	1	↓	✓	✓	↓	01
1639	CGC05V	Level ~~3~~ 4		200	1	1	↓	✓	✓	↓	05
1730	CGC10V	Level ~~4~~ 5		200	2	1	↓	✓	✓	↓	08
1821	CGC15V	Level ~~5~~ 6		200	5	1	↓	✓	✓	↓	04
1912	CGC20V	Level ~~6~~ 7		200	6	1	↓	✓	✓	↓	AT1031702
2002	CGC40V	Level ~~7~~ 8		200	7	1	↓	✓	✓	↓	01
0840	CGCB01			200	8		WW				
1002 ~~0931~~	CGC10Q			200	9		↓				
1104 ~~1002~~	CGC10QD	ICV		200	9		↓	✓	✓	WW	
0958 ~~1154~~	CGCB02			200	8		↓				
1159	CGCB03			200	8		↓				

12/31/07

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability		Instrument Information	Instrument Performance Checks	
Batch ID: CGCA		CAL STD Lot # AT12270708		Instrument ID: C	☑ Tune STD	☐ RF Summary
Test Method: TO-15		ISTD Lot #: AT02CC5C5		Instrument: 5973	☐ Internal Standard Response	
ICAL Date: 12/26/07		ICV / LCS Lot # AT11070703		Column Type: RTX-624	☐ RT & Ratios Updated	
Start Date: 12/27/07	Time: 1243				Room Temp 22 °C	
End Date: 12/28/07	Time: 1243				Barometric Pressure 29.8 "Hg	

Sequence Information								Individual Sample Review			Comments
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Volume (mL)	Inlet #	Dilution Factor	Operator	Internal Standard	Result Conc.	Primary Analyst	
1243	CGC02PV	BFB	NA	0	1	NA	WRD			WRD	
1348	CGC10AV	CCV		200	2	1		✓	✓		All Good
1439	CGC~~10AQ~~B01A	~~LCS~~		200	3	1		~~✓~~	~~✓~~		~~"~~
1529	CGC10AQ	LCS		200	1	1		✓	✓	↓	All Good
1620	CGCB02A			200	3	1				PAD	
1711	CGC10AQD			200	1	1	↓	✓	↑		↑ Ace, MIK
1802	CGCB03A			200	3	1	PAD				
1853	CGC10AQD	LCSD		200	1	1		✓	✓		All Good
1943	CGCB04A	MBLK	↓	200	3	1		✓	✓	↓	
2034	736419D	2898	P3558	10	4	20		✓	↑		ace 67
2125	736414D	4354		23	5	49.8		✓	↑		cdf 5.73 RD 1:80
2216	736413D	4437		17	6	52.7		✓	↑		cdf 4.48 RD 1:80
2307	736415D	2550		17	7	11.8		✓	✓		C
2357	736416	2890		200	8	1		✓	✓		C
0048	736417D	2871		18	9	52.2		✓	↑		cdf 4.70 RD 1:150
0139	736418	2664	↓	200	10	1		✓	↑		RD 1:2.3
0230	736039D	4339	P3502	20	11	10		✓	~~↑~~ ↓		RD 1:3 Acetone 87
0321	736040	4351		200	12	1		✓	✓		C
0421	736041D	3278		100	13	2		✓	✓		C
0503	736042D	2220		10	14	20		✓	↑		RD 1:36 w/s DLE
0553	736043D	4368		10	15	20		✓	↓	WRD	
0644	736044	4478		200	16	1		✓	✓		C
0735	736045	3205		200	1	1		✓	✓		C
0826	736046D	4587	↓	10	2	20	↓	✓	✓		C
	~~736418D~~			~~87~~	~~10~~	~~2.3~~					
	~~736413D2~~			~~48~~		~~79.5~~					~~cdf 16.7~~
	~~736414D2~~			~~53~~		~~80.4~~					~~cdf 21.3~~
	~~736417D2~~			~~23~~		~~152~~					~~cdf 17.5~~

12/28/07

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability	Instrument Information	Instrument Performance Checks	
Batch ID:	CGCA	CAL STD Lot #	Instrument ID: C	☐ Tune STD	☐ RF Summary
Test Method:	TO15	ISTD Lot #:	Instrument: 5973	☐ Internal Standard Response	
ICAL Date:	12/26/07	ICV / LCS Lot #	Column Type: RTX-624	☐ RT & Ratios Updated	
Start Date:	12/27/07 Time: 1143			Room Temp °C	
End Date:	12/28/07 Time: 1243			Barometric Pressure "Hg	

Sequence Information								Individual Sample Review			Comments
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Volume (mL)	Inlet #	Dilution Factor	Operator	Internal Standard	Result Conc.	Primary Analyst	
0917	736047	4310	123562	200	1	1	[illegible]	✓	✓	[illegible]	C
1007	736048 D	4383	|	133	2	1.5		✓	✓	↓	C
1058	736049	3625	|	200	3	1	↓	✓	✓	↓	C
1144	736050 D	3344	|	10	4	20	↓	✓	↑		R @ 1:400 VCl
1240	736595 D	NA	123590	20	5	100	↓	✓	✓		BDF 20 C

NUR 12/28/07

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability		Instrument Information	Instrument Performance Checks	
Batch ID:	CGCB	CAL STD Lot #	AT12180708	Instrument ID: C	☑ Tune STD	☐ RF Summary
Test Method:	T015	ISTD Lot #:	AT0200509	Instrument: 5973	☐ Internal Standard Response	
ICAL Date:	12/26/07	ICV / LCS Lot #	AT12180703	Column Type: RTX-624	☐ RT & Ratios Updated	
Start Date:	12/28/07 Time: 1339				Room Temp	22 °C
End Date:	12/29/07 Time: 1339				Barometric Pressure	29.8 "Hg

Sequence Information								Individual Sample Review			Comments
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Volume (mL)	Inlet #	Dilution Factor	Operator	Internal Standard	Result Conc.	Primary Analyst	
1339	CGC03PV	BFB	NA			NA	WWD			WWD	
1424	CGC10BV	CCV		200	1			✓	✓		19
1515	CGCB01B			200	2						
1606	CGC10BQ			200	3			✓	↓		
1657	CGCB02B			200	2						
1748	CGC10BQD	LCS		200	3			✓	↓✓		5 ppb LCS
1839	CGCB03B			200	2						
2020	CGCB04B			200	2						
2202	736698 6 mm	Bag	123590	200	4	1		↓	✗↑		
2253	736039D2	4339	123502	50	5	48.2		✓	✓		CDF 2.18 C
2344	736042D2	2720		25	6	39.8		✓	✓		4.98 C
0035	736043D2	4368		20	7	10		✓	✓		C
0125	736050D2	3344		100	8	538		✓	✓		CDF 269 C
0216	736413D2	4437	123558	42	9	79.5		✓	✓		CDF 16.7 C
0307	736414D2	4354		53	10	80.4		↓	✓		R 21.3
0358	736417D2	2871		23	11	152		✓	✓		17.5 C
0449	736418D	2664		85	12	2.35		✓	✓		C
0540	736419D2	2898		50	13	39.6		✓	✓		CDF 9.90 C
0630	736532	2842	123573	200	14	1		✓	✓		C
0721	736533	4068		200	15	1		✓	✓		C
812	736534	2712		200	16	1		✓	✓		C
0903	736535	2676		200	1	1		✓	✓		C
	~~736542~~										NJW 12/29/07
	~~736543~~										
1929	CGC10BQ2	LCSD						✓	✓		5 ppb LCS
2111	CGCB05B	MBLK						✓	✓		
0954	736695IGI mm	Bag	123590	200	4	1		✓	↑		C
1045	736414D3	4354	123558	53	10	80.4		✓	✓		C

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability	Instrument Information	Instrument Performance Checks	
Batch ID: CGCB		CAL STD Lot #	Instrument ID: C	☐ Tune STD	☐ RF Summary
Test Method: T015		ISTD Lot #:	Instrument: 5973	☐ Internal Standard Response	
ICAL Date: 12/26/07		ICV / LCS Lot #	Column Type: RTX-624	☐ RT & Ratios Updated	
Start Date: 12/28/07	Time: 1339			Room Temp °C	
End Date: 12/29/07	Time: 1339			Barometric Pressure "Hg	

Sequence Information								Individual Sample Review			Comments
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Volume (mL)	Inlet #	Dilution Factor	Operator	Internal Standard	Result Conc.	Primary Analyst	
1136	736542	3260	123573	200	2	1	WMD	✓	✓	WMD	C
1227	736543	2570	↓	200	3	1	↓	✓	✓	↓	C

12/31/07

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

Data File: /chem/C.i/Csvr.p/cgcato15.b/736416.d
Report Date: 02-Jan-2008 13:31

TestAmerica Burlington

TARGET COMPOUNDS

Client Name: ROHHAA
Lab Smp Id: 736416
Sample Location:
Sample Date: 19-DEC-2007
Sample Matrix: AIR
Analysis Type: VOA
Data Type: MS DATA
Misc Info: 736416;122707CA;1;200

Client SDG: 123558
Client Smp ID: 20071219VP-08V2.5 N
Sample Point:
Date Received: 20-DEC-2007
Quant Type: ISTD
Level: LOW
Operator: pad

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	1.8	
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	0.61	
156-59-2	cis-1,2-Dichloroethene	0.20	U
67-66-3	Chloroform	2.3	
71-55-6	1,1,1-Trichloroethane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
71-43-2	Benzene	1.3	
107-06-2	1,2-Dichloroethane	0.54	
79-01-6	Trichloroethene	0.31	
78-87-5	1,2-Dichloropropane	0.59	
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	9.5	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	4.2	
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	3.0	
1330-20-7	Xylene (m,p)	8.9	
95-47-6	Xylene (o)	2.7	
100-42-5	Styrene	0.16	J
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U

ROHHAA - RH. Sub.

TestAmerica Burlington

TARGET COMPOUNDS

Client Name: ROHHAA
Lab Smp Id: 736416
Sample Location:
Sample Date: 19-DEC-2007
Sample Matrix: AIR
Analysis Type: VOA
Data Type: MS DATA
Misc Info: 736416;122707CA;1;200

Client SDG: 123558
Client Smp ID: 20071219VP-08V2.5 N
Sample Point:
Date Received: 20-DEC-2007
Quant Type: ISTD
Level: LOW
Operator: pad

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ppbv	Q

Compound	CAS Number	Molecular Weigth	Reporting Limit ppbv	Reporting Limit ug/m^3
Acetone (2-propanone)	67-64-1	58.08	5.0	12
Benzene	71-43-2	78.11	0.20	0.64
Bromodichloromethane	75-27-4	163.83	0.20	1.3
Bromoform	75-25-2	252.75	0.20	2.1
Bromomethane (Methyl bromide)	74-83-9	94.95	0.20	0.78
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	0.50	1.5
Carbon disulfide	75-15-0	76.14	0.50	1.6
Carbon tetrachloride	56-23-5	153.84	0.20	1.3
Chlorobenzene	108-90-7	112.56	0.20	0.92
Chloroethane	75-00-3	64.52	0.50	1.32
Chloroform	67-66-3	119.39	0.20	0.98
Chloromethane (Methyl chloride)	74-87-3	50.49	0.50	1.03
Dibromochloromethane	124-48-1	208.29	0.20	1.7
1,1-Dichloroethane	75-34-3	98.97	0.20	0.81
1,2-Dichloroethane	107-06-2	98.96	0.20	0.81
1,1-Dichloroethene	75-35-4	96.95	0.20	0.79
1,2-Dichloroethene (cis)	156-59-2	96.95	0.20	0.79
1,2-Dichloroethene (trans)	156-60-5	96.95	0.20	0.79
1,2-Dichloropropane	78-87-5	112.99	0.20	0.92
cis-1,3-Dichloropropene	10061-01-5	110.98	0.20	0.91
trans-1,3-Dichloropropene	10061-02-6	110.98	0.20	0.91
Ethylbenzene	100-41-4	106.16	0.20	0.87
Methylene chloride	75-09-2	84.94	0.50	1.7
4-Methyl-2-pentanone (MIBK)	108-10-1	100.16	0.50	2.05
Styrene	100-42-5	104.14	0.20	0.85
1,1,2,2-Tetrachloroethane	79-34-5	167.86	0.20	1.4
Tetrachloroethene (PCE)	127-18-4	165.85	0.20	1.4
Toluene	108-88-3	92.13	0.20	0.75
1,1,1-Trichloroethane	71-55-6	133.42	0.20	1.1
1,1,2-Trichloroethane	79-00-5	133.42	0.20	1.1
Trichloroethene (TCE)	79-01-6	131.4	0.20	1.07
Vinyl chloride	75-01-4	62.5	0.20	0.51
Xylenes (m&p)	1330-20-7	106.16	0.50	2.17
Xylenes (o)	95-47-6	106.16	0.20	0.87
Methyl Butyl Ketone	591-78-6	100.16	0.50	2.05

ROHHAA - RH. sub.

TestAmerica Burlington - Manual Integration Summary
SDG: 123558

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	
ASTD002	ASTD002	INIT. CALIB.		C RTX-624	26-DEC-2007 14:58	CGC002V
	10.314	1,2-Dichloropropane			MI2 - Peak missed	
	12.764	Styrene			MI2 - Peak missed	
736416	20071219VP-08V	SAMPLE		C RTX-624	27-DEC-2007 23:57	736416
	8.740	Methyl Ethyl Ketone			MI1 - Poor automated baseline	

01/02/08

SV AP 1/2/08

TestAmerica Burlington - Manual Integration Summary
SDG: cgcto15 curve

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	
ASTD002	ASTD002	INIT. CALIB.		C RTX-624	26-DEC-2007 14:58	CGC002V
	10.314	1,2-Dichloropropane			MI2 - Peak missed	
	12.764	Styrene			MI2 - Peak missed	

KLP 12/31/07

SV 01/02/08

QC Summary – ASTM D1946

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix Spike - Sample No.: C010808ALCS

COMPOUND	SPIKE ADDED (%.v/v)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (%.v/v)	LCS % REC #	QC. LIMITS REC.
Helium	8.3		8.9	107	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: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix Spike - Sample No.: C122607ALCS

COMPOUND	SPIKE ADDED (%.v/v)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (%.v/v)	LCS % REC #	QC. LIMITS REC.
Helium	8.3		8.1	98	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.

MBLKC010808A

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Lab File ID: 08JAN081017-R021 Lab Sample ID: MBLKC010808A

Date Analyzed: 01/08/08 Time Analyzed: 1022

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	C010808ALCS	C010808ALCS	08JAN081017-	1018
02	1219VP10V25N	736415	08JAN081226-	1230
03	1219VP08V25N	736416	08JAN081226-	1235
04	1219VP07V15N	736418	08JAN081226-	1239
05	1219VP13V15N	736419	08JAN081226-	1244
06				
07				
08				
09				
10				
11				
12				
13				
14				
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30				

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLKC122607A

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Lab File ID: 26DEC071552-R021 Lab Sample ID: MBLKC122607A

Date Analyzed: 12/26/07 Time Analyzed: 1557

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	C122607ALCS	C122607ALCS	26DEC071552-	1552
02	1219VP14V45N	736413	26DEC071657-	1904
03	20071219FD	736414	26DEC071657-	1908
04	1219VP11V2N	736417	26DEC071657-	1917
05				
06				
07				
08				
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28				
29				
30				

COMMENTS:

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

GC Column: CTR-1 ID: 6.35 (mm) Init. Calib. Date(s): 11/27/07 11/27/07

Instrument ID: 2866_2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION					
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	RT #	RT #
01	CAL1	CAL1	11/27/07	1400		
02	CAL2	CAL2	11/27/07	1410		
03	CAL3	CAL3	11/27/07	1414		
04	CAL4	CAL4	11/27/07	1420		
05	CAL5	CAL5	11/27/07	1449		
06	CCV	CCV	12/26/07	1542		
07	C122607ALCS	C122607ALCS	12/26/07	1552		
08	MBLKC122607A	MBLKC122607A	12/26/07	1557		
09	1219VP14V45N	736413	12/26/07	1904		
10	20071219FD	736414	12/26/07	1908		
11	1219VP11V2N	736417	12/26/07	1917		
12	CCV	CCV	12/26/07	1929		
13	CCV	CCV	01/08/08	1004		
14	C010808ALCS	C010808ALCS	01/08/08	1018		
15	MBLKC010808A	MBLKC010808A	01/08/08	1022		
16	1219VP10V25N	736415	01/08/08	1230		
17	1219VP08V25N	736416	01/08/08	1235		
18	1219VP07V15N	736418	01/08/08	1239		
19	1219VP13V15N	736419	01/08/08	1244		
20	CCV	CCV	01/09/08	0832		
21						
22						
23						
24						
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.

FORM VIII VOA

Supportive Documentation – ASTM D1946

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

1219VP07V15N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736418

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08JAN081226-R031

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 01/08/08

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.8

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

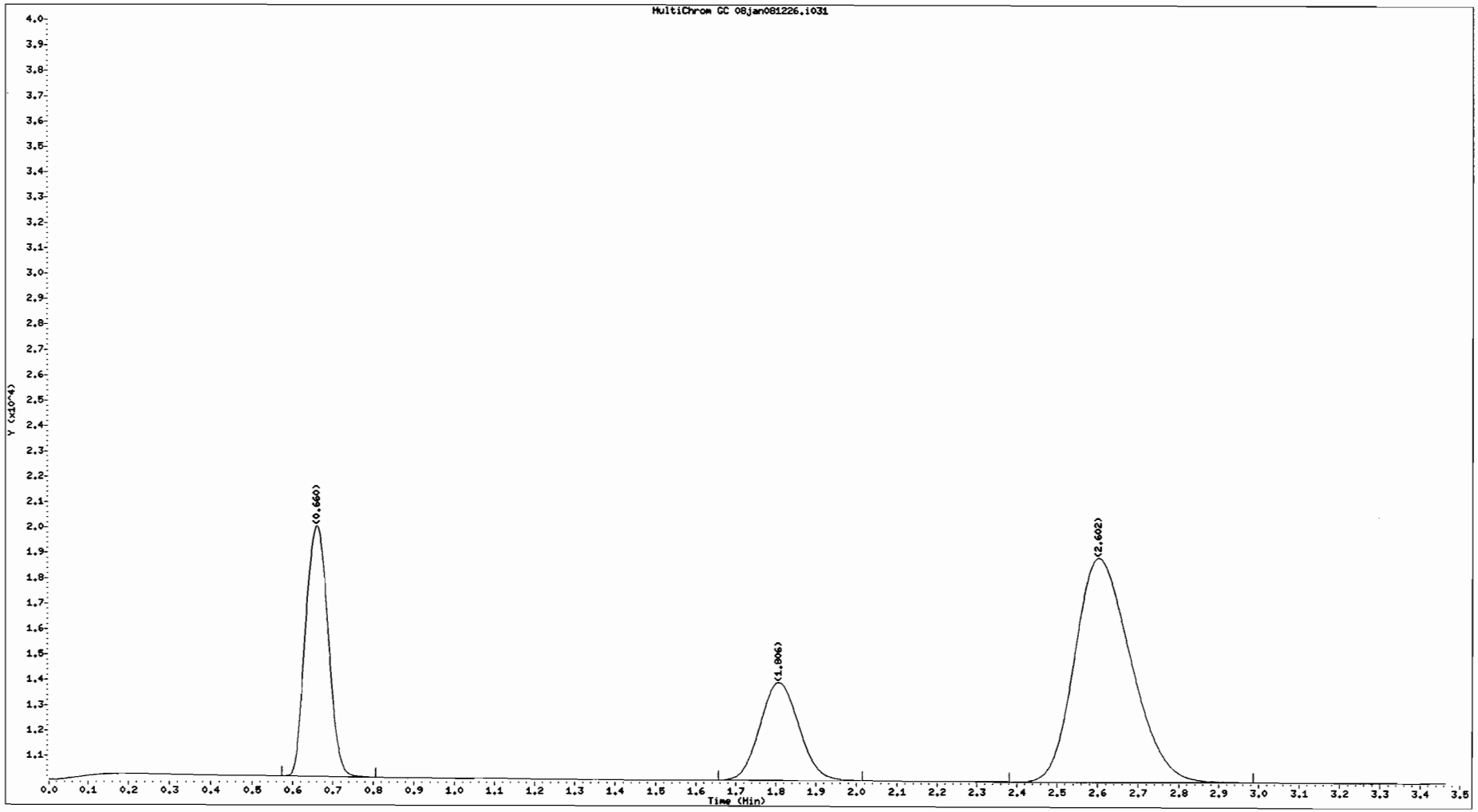
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	3.0	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736418	Client Sample ID: 1219VP07V15N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 08-JAN-2008 12:39
Instrument	: 2866_2.i	Dilution Factor	: 1.77
Column	: CTR-1	Data File	: 08jan081226-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736418	Client Sample ID: 1219VP07V15N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 08-JAN-2008 12:39
Instrument	: 2866_2.i	Dilution Factor	: 1.77
Column	: CTR-1	Data File	: 08jan081226-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.660			588027	9881			
2	1.806			402546	3882			
3	2.602			1288728	8815			

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
	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

1219VP08V25N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736416

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08JAN081226-R021

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 01/08/08

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

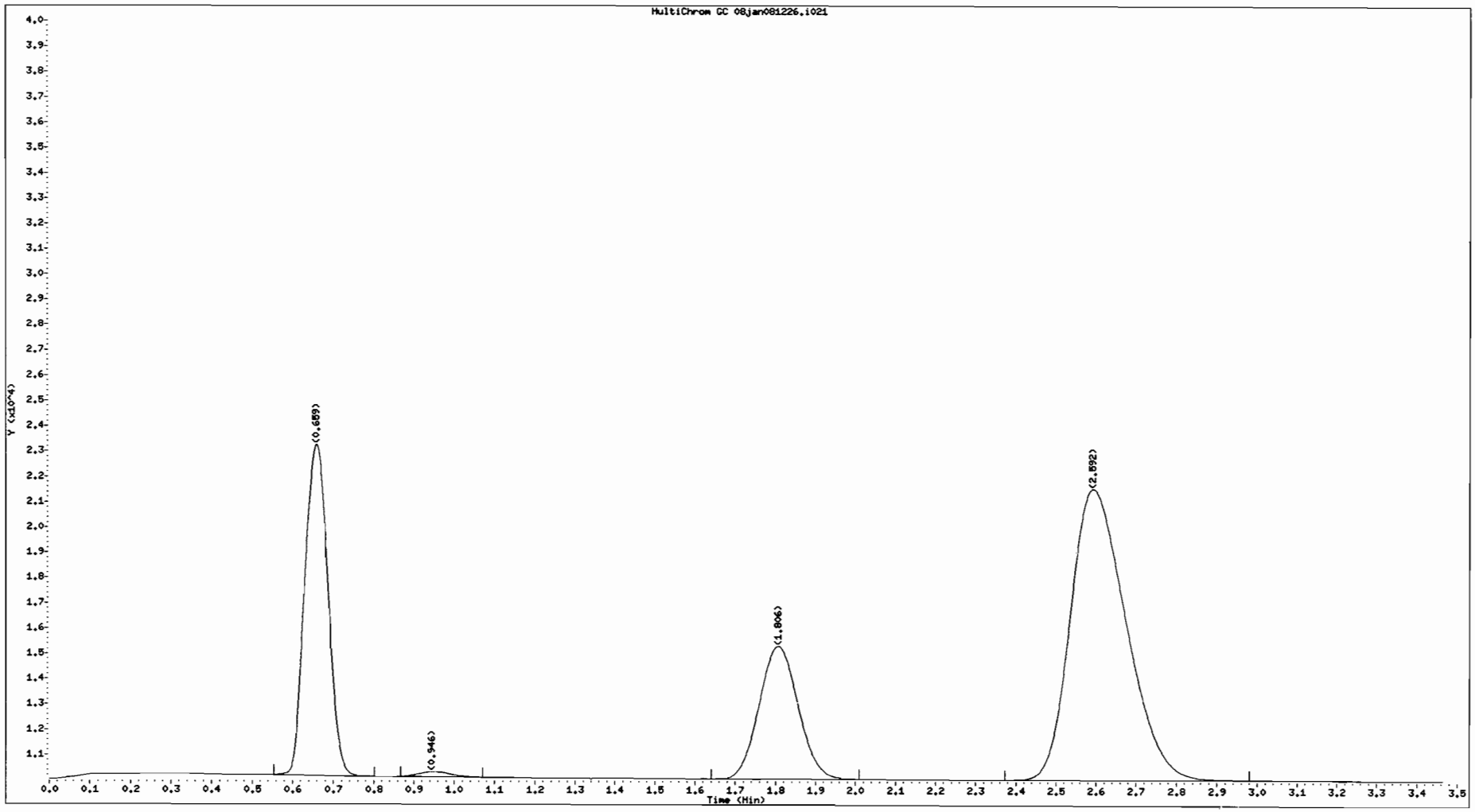
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736416	Client Sample ID: 1219VP08V25N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 08-JAN-2008 12:35
Instrument	: 2866_2.i	Dilution Factor	: 1.32
Column	: CTR-1	Data File	: 08jan081226-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736416	Client Sample ID: 1219VP08V25N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 08-JAN-2008 12:35
Instrument	: 2866_2.i	Dilution Factor	: 1.32
Column	: CTR-1	Data File	: 08jan081226-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.659			782442	13091			
2	0.946			17331	209		M	
3	1.806			537809	5247			
4	2.592			1686657	11510			

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
	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

1219VP10V25N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736415

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08JAN081226-R011

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 01/08/08

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 2.3

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

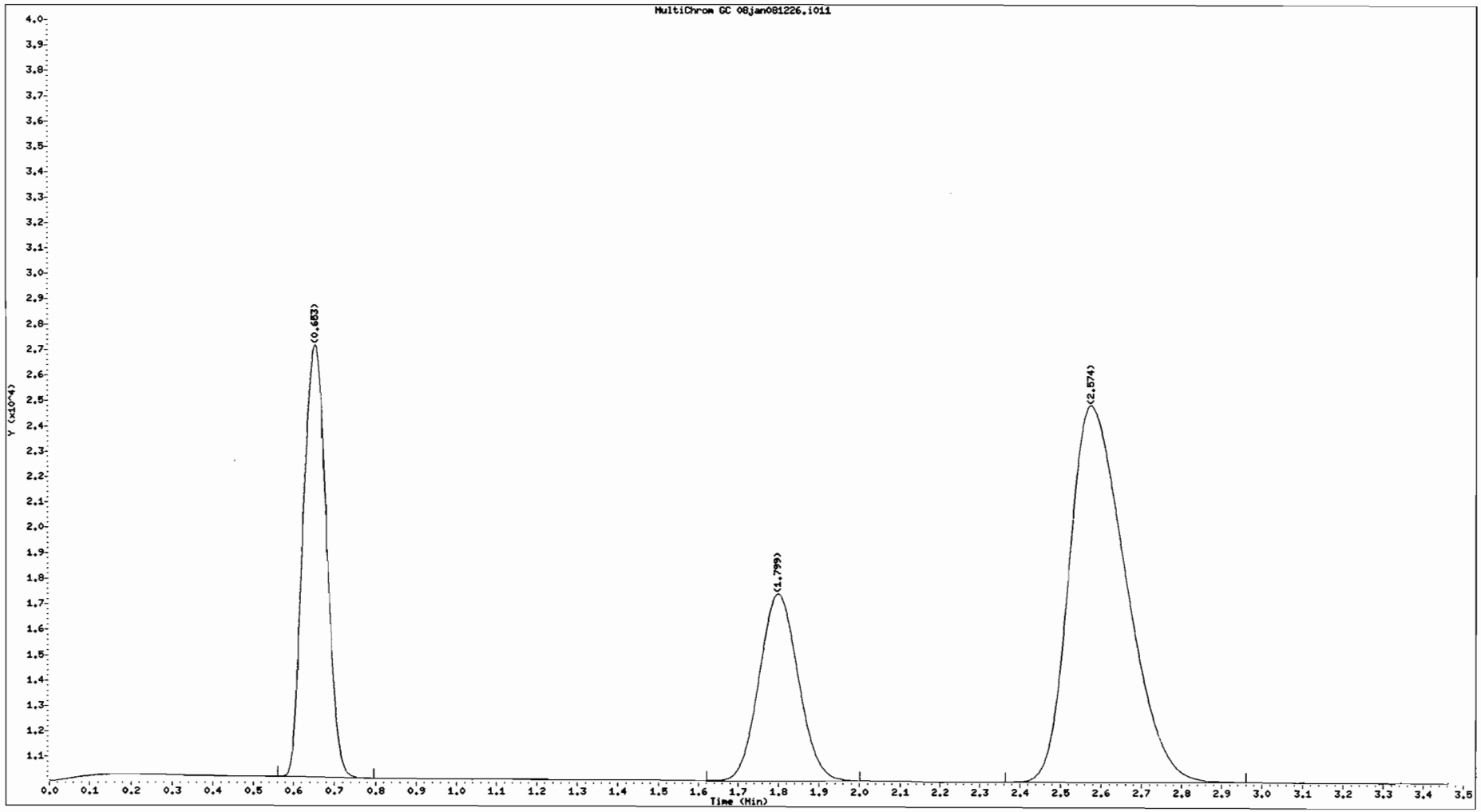
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	3.9	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736415	Client Sample ID: 1219VP10V25N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 08-JAN-2008 12:30
Instrument	: 2866_2.i	Dilution Factor	: 2.27
Column	: CTR-1	Data File	: 08jan081226-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736415	Client Sample ID: 1219VP10V25N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 08-JAN-2008 12:30
Instrument	: 2866_2.i	Dilution Factor	: 2.27
Column	: CTR-1	Data File	: 08jan081226-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.653			1018954	16997			
2	1.799			754360	7351			
3	2.574			2180155	14798			

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
	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

1219VP11V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736417

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071657-R101

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/26/07

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.3

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

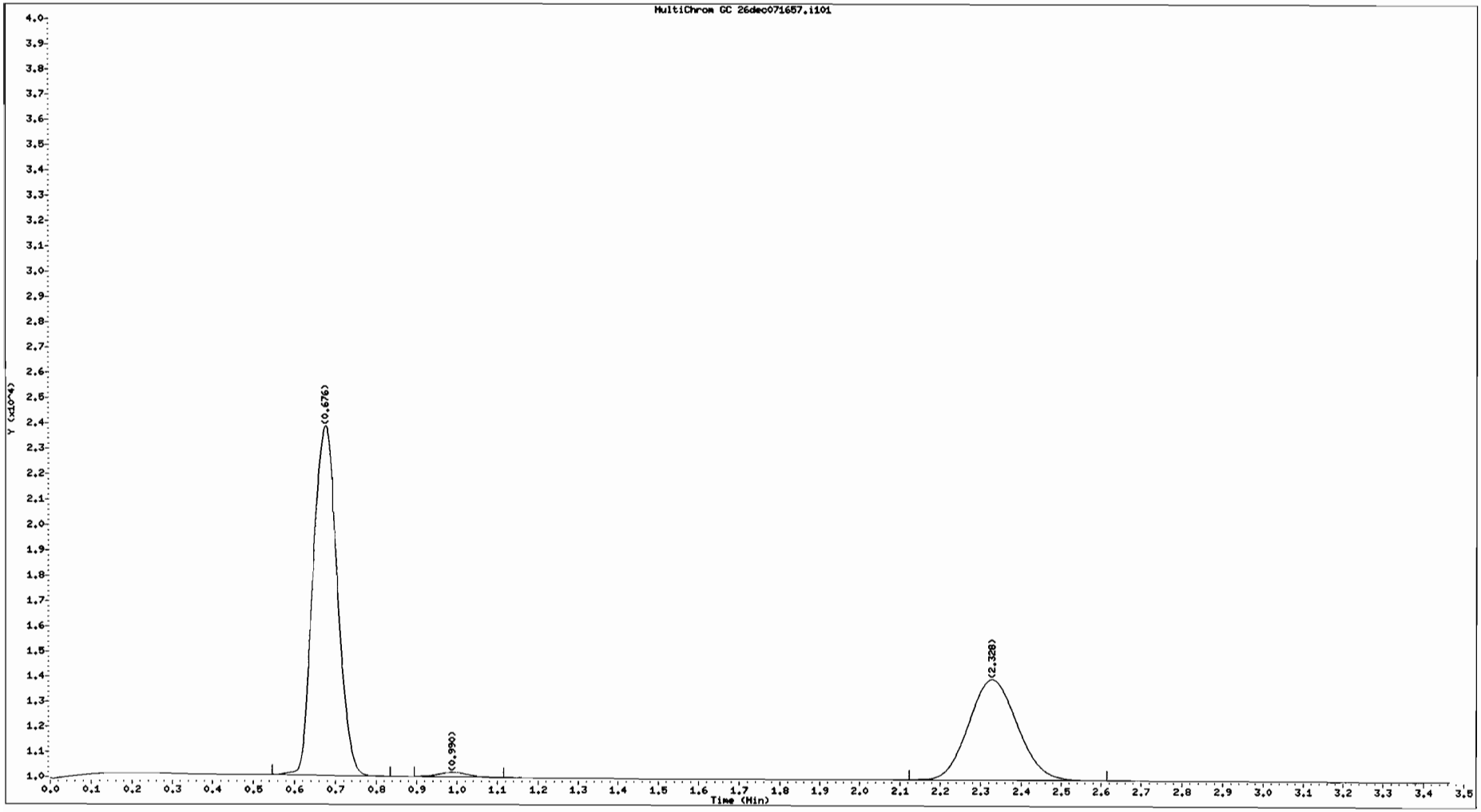
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

- Target GC Chromatogram

Lab Sample ID: 736417	Client Sample ID: 1219VP11V2N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 19:17
Instrument	: 2866_2.i	Dilution Factor	: 1.27
Column	: CTR-1	Data File	: 26dec071657-r101.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736417	Client Sample ID: 1219VP11V2N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 19:17
Instrument	: 2866_2.i	Dilution Factor	: 1.27
Column	: CTR-1	Data File	: 26dec071657-r101.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.676			862841	13831			
2	0.990			15736	190		M	
3	2.328			508676	4000			

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
	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

1219VP13V15N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736419

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08JAN081226-R041

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 01/08/08

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 9.9

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

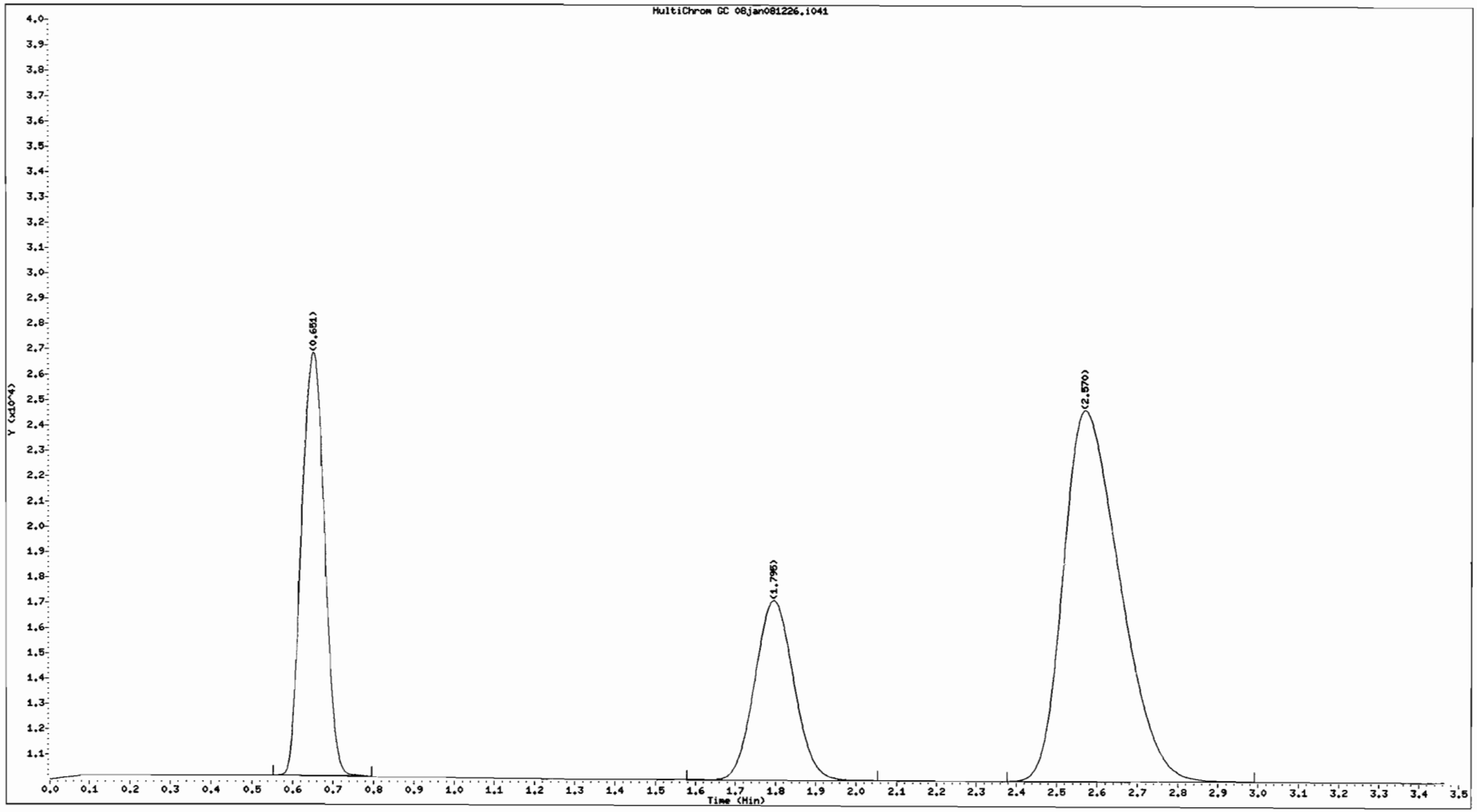
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	17	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736419	Client Sample ID: 1219VP13V15N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 08-JAN-2008 12:44
Instrument	: 2866_2.i	Dilution Factor	: 9.90
Column	: CTR-1	Data File	: 08jan081226-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736419	Client Sample ID: 1219VP13V15N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: JH2	Injection Date	: 08-JAN-2008 12:44
Instrument	: 2866_2.i	Dilution Factor	: 9.90
Column	: CTR-1	Data File	: 08jan081226-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.651			1002017	16692			
2	1.795			726193	7079			
3	2.570			2155121	14644			

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
	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

1219VP14V45N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736413

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071657-R081

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/26/07

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.2

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

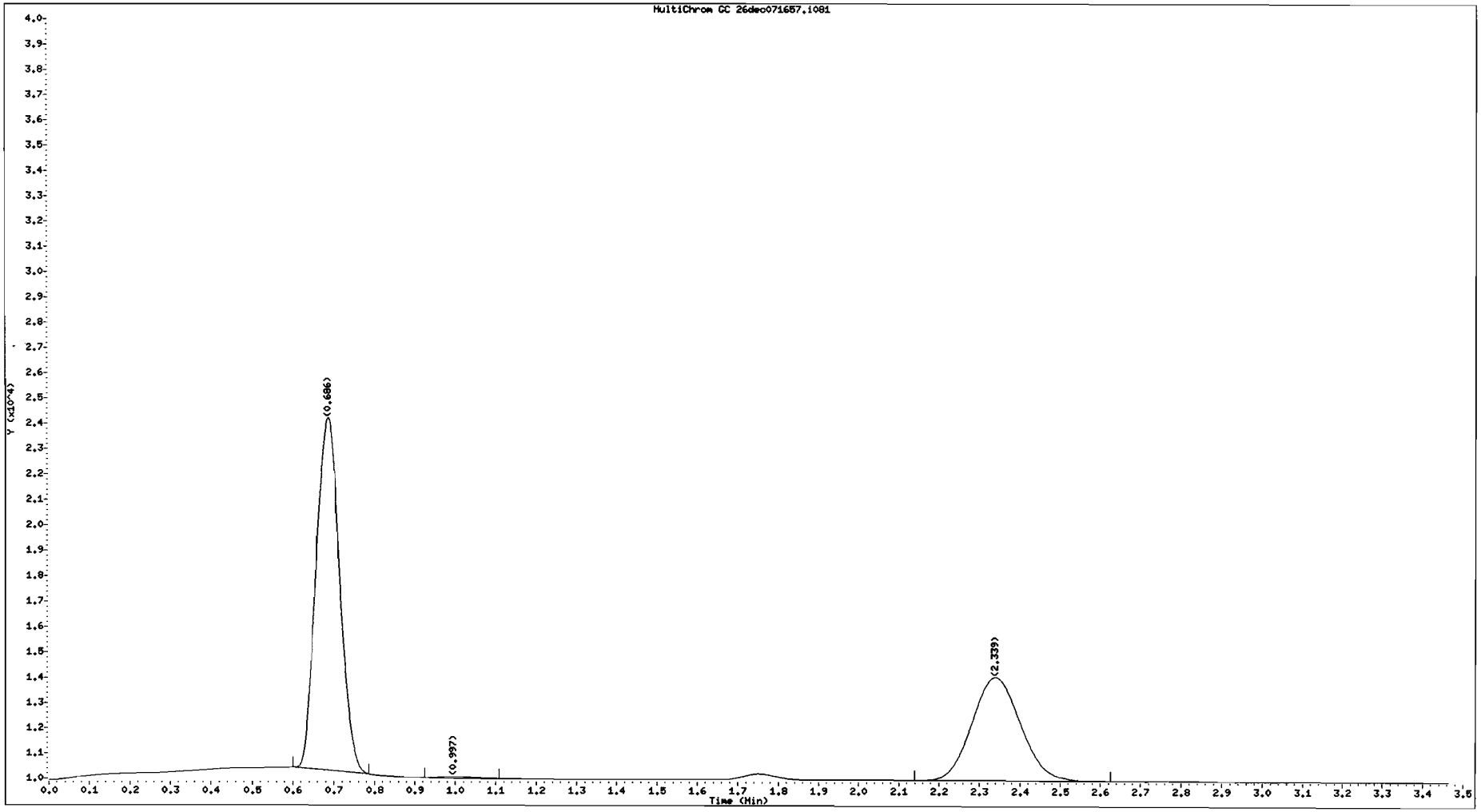
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.1	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736413	Client Sample ID: 1219VP14V45N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 19:04
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 26dec071657-r081.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



Lab Sample ID: 736413	Client Sample ID: 1219VP14V45N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 19:04
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 26dec071657-r081.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.686			843340	13904		M	
2	0.997			5670	76		M	
3	2.339			519749	4101			

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
	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071219FD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: 736414

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071657-R091

Level: (low/med) LOW Date Received: 12/20/07

% Moisture: not dec. _____ Date Analyzed: 12/26/07

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.5

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

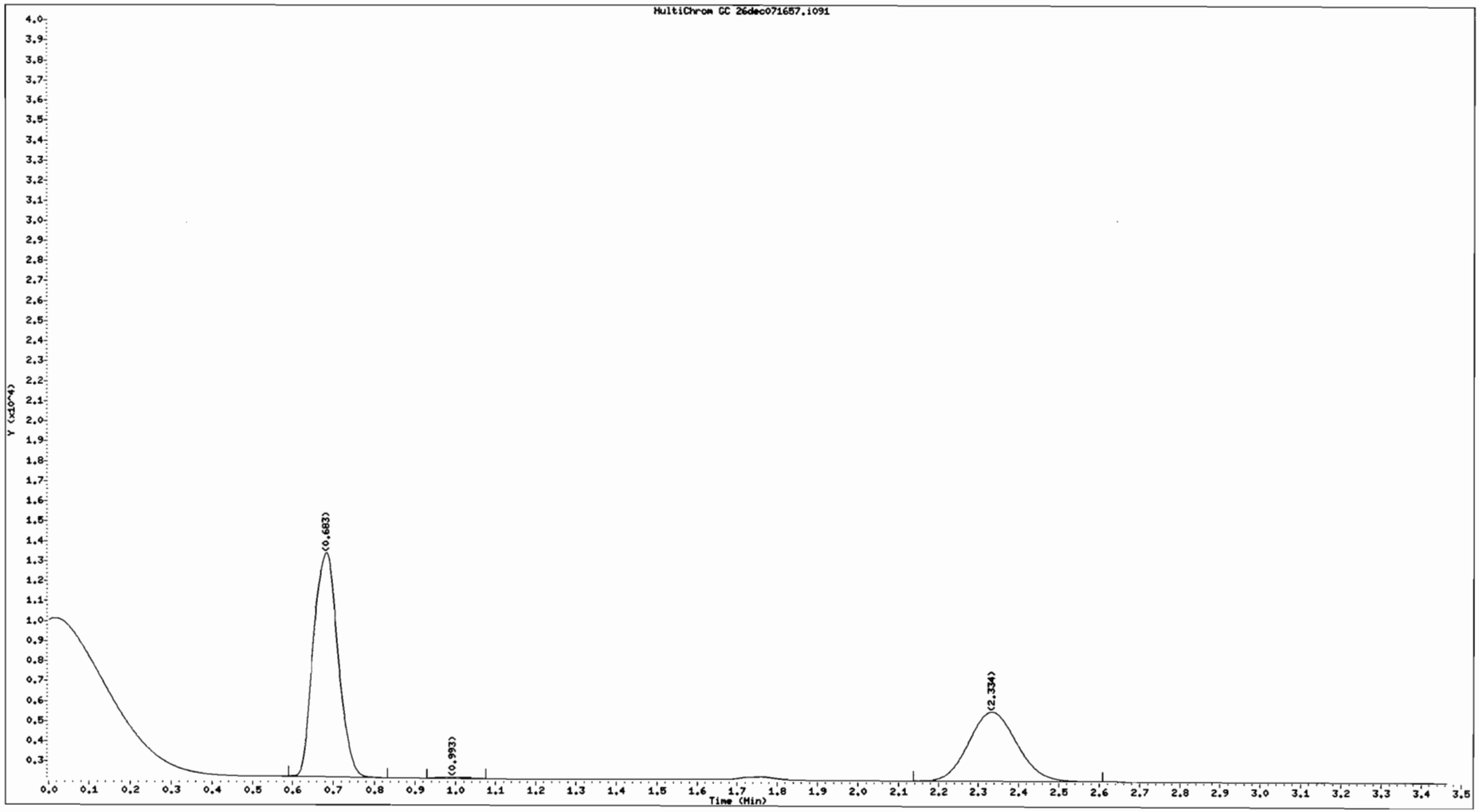
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.6	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736414	Client Sample ID: 20071219FD

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 19:08
Instrument	: 2866_2.i	Dilution Factor	: 1.54
Column	: CTR-1	Data File	: 26dec071657-r091.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



Lab Sample ID: 736414 Client Sample ID: 20071219FD

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 19:08
Instrument	: 2866_2.i	Dilution Factor	: 1.54
Column	: CTR-1	Data File	: 26dec071657-r091.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.683			706469	11184			
2	0.993			4838	68		M	
3	2.334			438679	3445			

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
	0.930	Helium

Standards – ASTM D1946

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Instrument ID: 2866_2 Calibration Date(s): 11/27/07 11/27/07

Column: CTR-1 ID: 6.35 (mm) Calibration Time(s): 1400 1449

LAB FILE ID: RF1.7: 27NOV071355RF5: 27NOV071355-RRF8.3: 27NOV071355
RF12.5: 27NOV07135RF16.7: 27NOV07135

COMPOUND	RF1.7	RF5	RF8.3	RF12.5	RF16.7
Helium	174758.24	183237.40	185440.96	172844.16	198949.82

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Instrument ID: 2866_2 Calibration Date(s): 11/27/07 11/27/07

Column: CTR-1 ID: 6.35 (mm) Calibration Time(s): 1400 1449

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Helium	AVRG	183046.116	5.7

FORM VI VOA

TestAmerica Burlington

INITIAL CALIBRATION DATA

1° PAD 12/5/07

Start Cal Date : 21-NOV-2007 16:43
End Cal Date : 21-NOV-2007 17:13
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m
Cal Date : 21-Nov-2007 17:30 pd
Curve Type : Average

Calibration File Names:
Level 1: /var/chem/2866_2.i/112107_2/21NOV071635.b/21nov071635-r021.d
Level 2: /var/chem/2866_2.i/112107_2/21NOV071635.b/21nov071635-r031.d
Level 3: /var/chem/2866_2.i/112107_2/21NOV071635.b/21nov071635-r041.d
Level 4: /var/chem/2866_2.i/112107_2/21NOV071635.b/21nov071635-r051.d
Level 5: /var/chem/2866_2.i/112107_2/21NOV071635.b/21nov071635-r061.d

Compound	1000.000 Level 1	2500.000 Level 2	5000.000 Level 3	7500.000 Level 4	1.000e+04 Level 5	RRF	% RSD
9 Carbon Dioxide	0.29300	0.27920	0.28580	0.26240	0.22600	0.26928	9.920

TestAmerica Burlington

COMPOUND LISTING

Method file : /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m
Quant Method : ESTD Target Version : 3.50
Last Update : 21-Nov-2007 17:30 Number of Cpnds : 1
Data Type : GC DATA

Global Integrator : Falcon

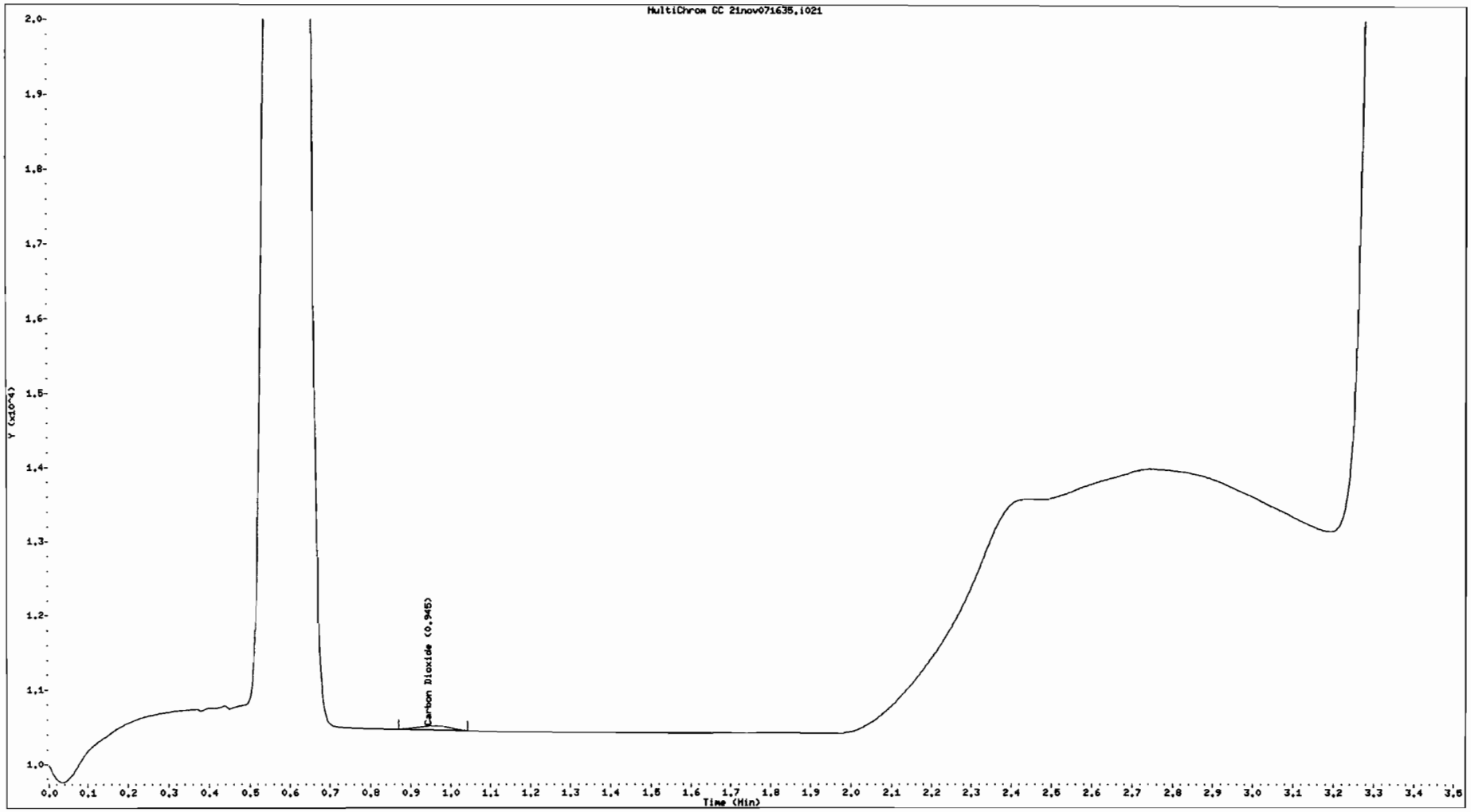
Chromat Events	Values
Initial:Start Threshold	60.000000
Initial:End Threshold	30.000000
Initial:Area Threshold	50.000000
Initial:P-P Resolution	1.000000
Initial:Bunch Factor	16.000000
Initial:Negative Peaks	OFF
Initial:Tension	0.000000
0.000:Integrator OFF	n/a
0.700:Integrator ON	n/a
1.200:Integrator OFF	n/a

Compound	RT	RT Window	RF
9 Carbon Dioxide	0.969	0.669-1.269	2.693e-01

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL1	Client Sample ID: CAL1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: PAD	Injection Date	: 21-NOV-2007 16:43
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r021.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		



Lab Sample ID: CAL1	Client Sample ID: CAL1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: PAD pmd	Injection Date	: 21-NOV-2007 16:43
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r021.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (ug/L)	Flags	Peak Identification
1	0.945	0.969	-0.024	294	52	1088.08675	M	Carbon Dioxide

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

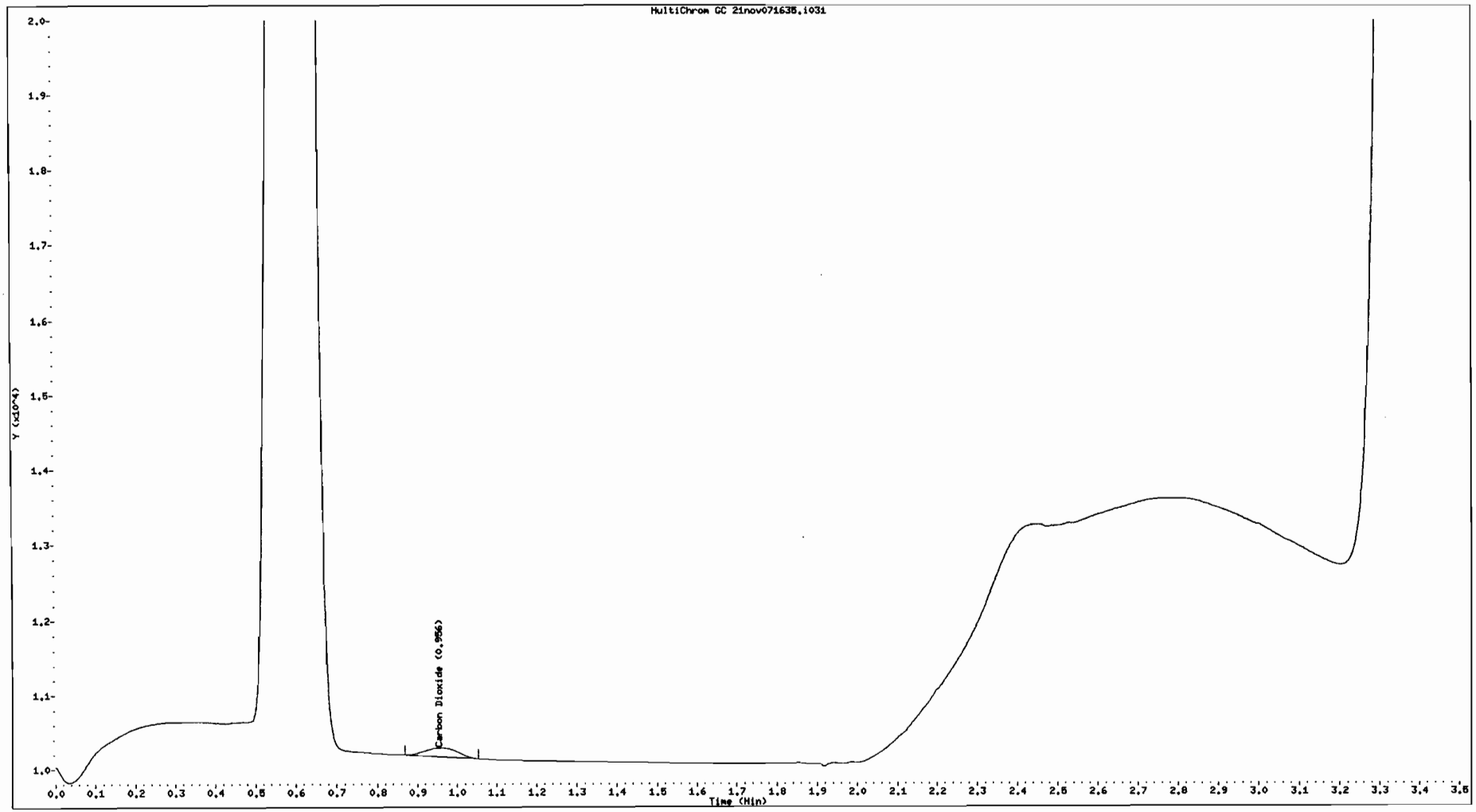
Target Compounds

Peak RT	Expected RT	Target Compound
0.945	0.969	Carbon Dioxide

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL2	Client Sample ID: CAL2

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: PAD	Injection Date	: 21-NOV-2007 16:51
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r031.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL2	Client Sample ID: CAL2

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: PAD PAD	Injection Date	: 21-NOV-2007 16:51
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r031.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (ug/L)	Flags	Peak Identification
1	0.956	0.969	-0.013	699	122	2592.09745	M	Carbon Dioxide

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

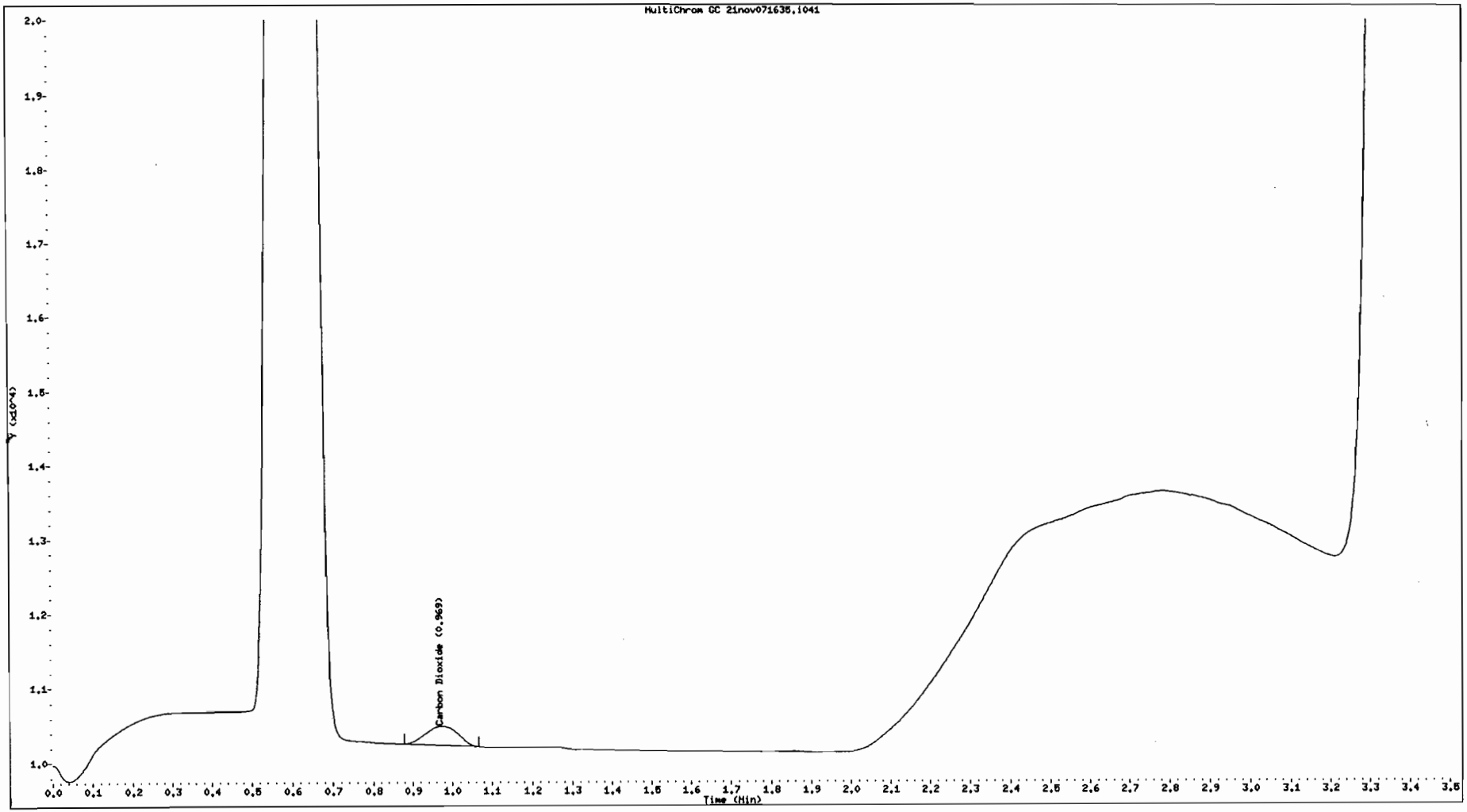
Target Compounds

Peak RT	Expected RT	Target Compound
0.956	0.969	Carbon Dioxide

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL3	Client Sample ID: CAL3

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: PAD	Injection Date	: 21-NOV-2007 16:58
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r041.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL3	Client Sample ID: CAL3

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: PAD PAD	Injection Date	: 21-NOV-2007 16:58
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r041.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (ug/L)	Flags	Peak Identification
1	0.969	0.969	0.000	1429	251	5306.74391	M	Carbon Dioxide

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

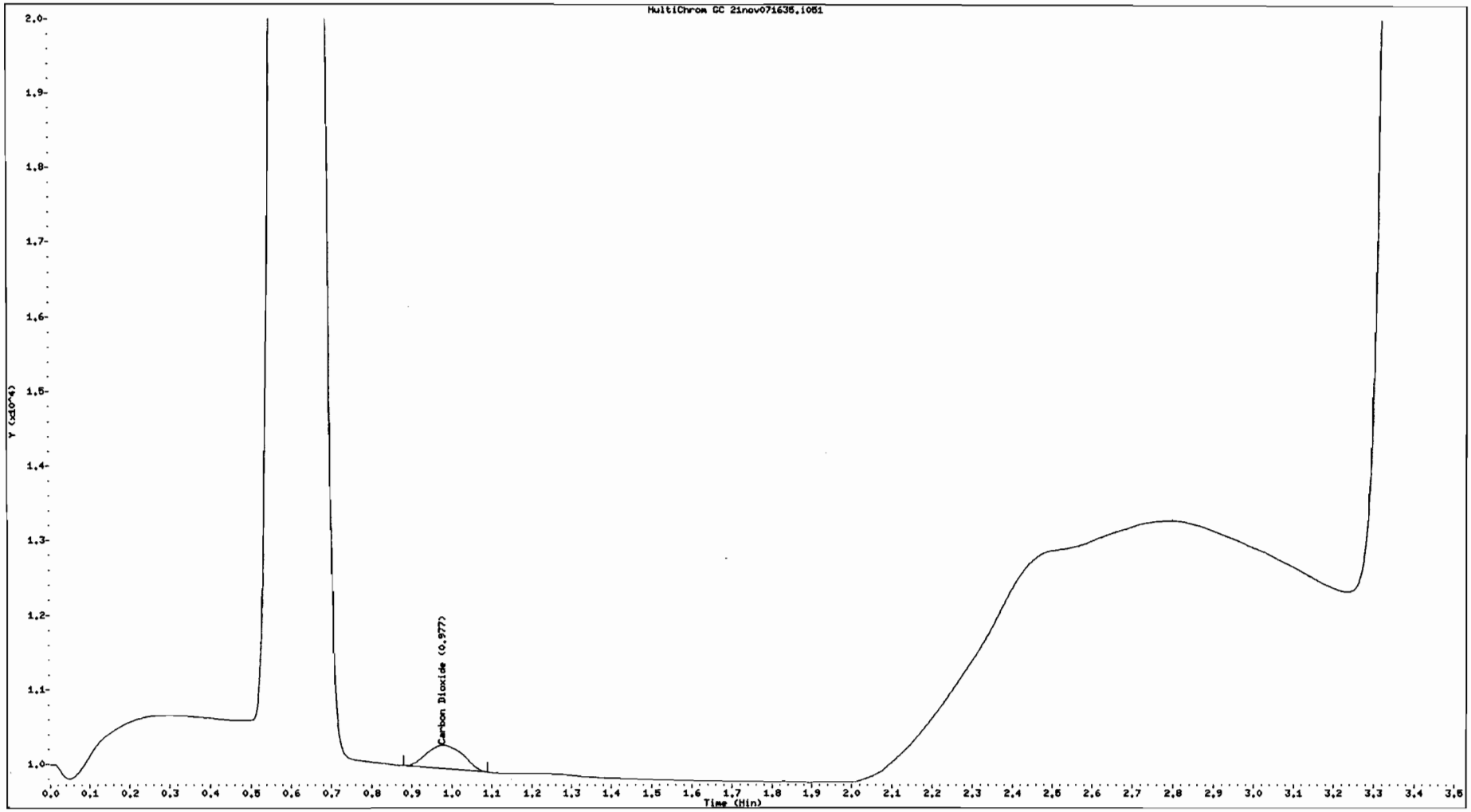
Target Compounds

Peak RT	Expected RT	Target Compound
0.969	0.969	Carbon Dioxide

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL4	Client Sample ID: CAL4

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: PAD	Injection Date	: 21-NOV-2007 17:05
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r051.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL4	Client Sample ID: CAL4

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: PAD PAD	Injection Date	: 21-NOV-2007 17:05
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r051.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (ug/L)	Flags	Peak Identification
1	0.977	0.969	0.008	1969	318	7308.37790	M	Carbon Dioxide

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

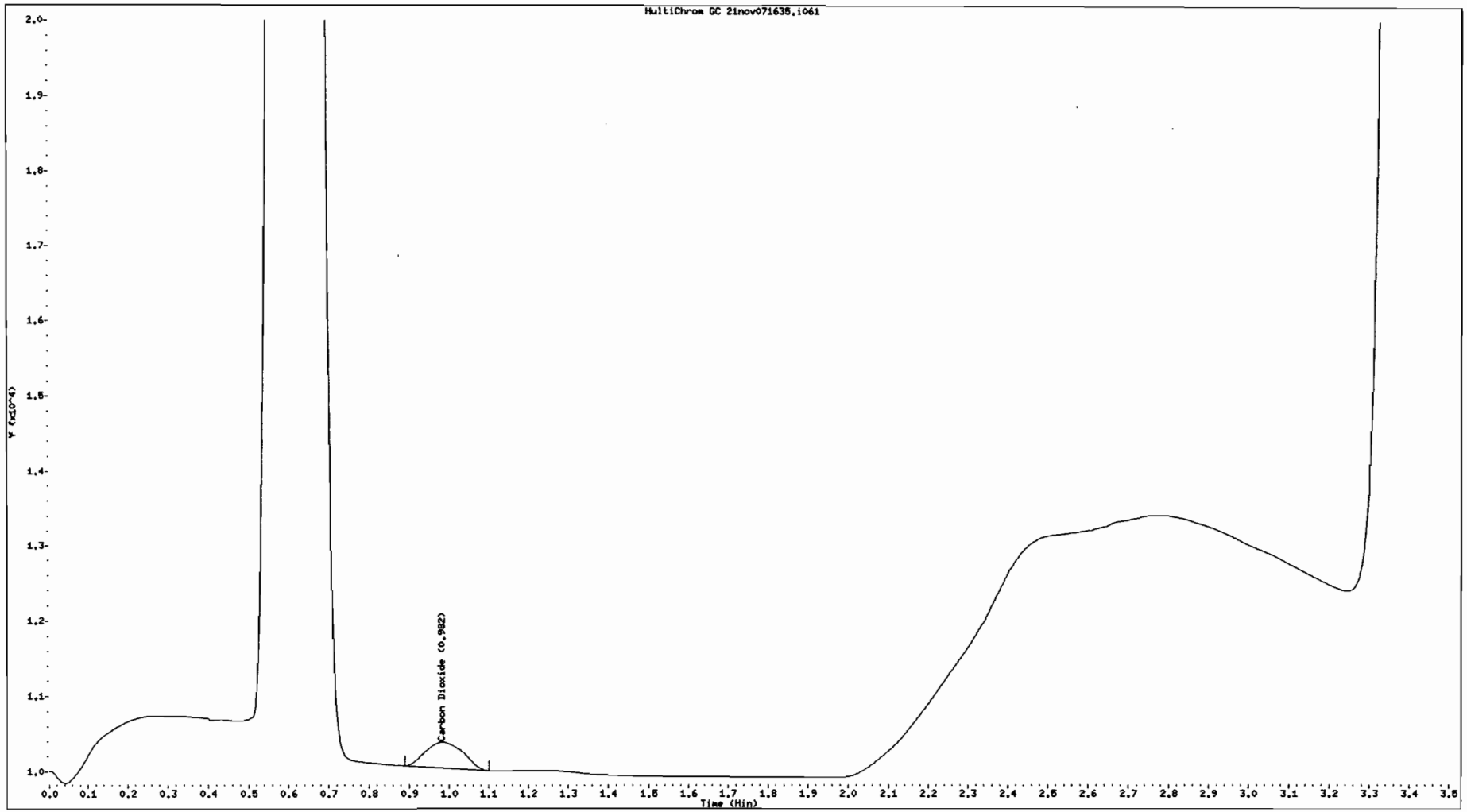
Target Compounds

Peak RT	Expected RT	Target Compound
0.977	0.969	Carbon Dioxide

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL5	Client Sample ID: CAL5

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: PAD	Injection Date	: 21-NOV-2007 17:13
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r061.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL5	Client Sample ID: CAL5

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: PAD PPD	Injection Date	: 21-NOV-2007 17:13
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r061.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (ug/L)	Flags	Peak Identification
1	0.982	0.969	0.013	2260	346	8392.75104	M	Carbon Dioxide

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
0.982	0.969	Carbon Dioxide

Data File: 21nov071635-r071.d
Report Date: 05-Dec-2007 14:09

TestAmerica Burlington

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: ICV
Level: LOW
Data Type: GC DATA
SpikeList File: all.spk
Sublist File: all.sub
Method File: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m
Misc Info:

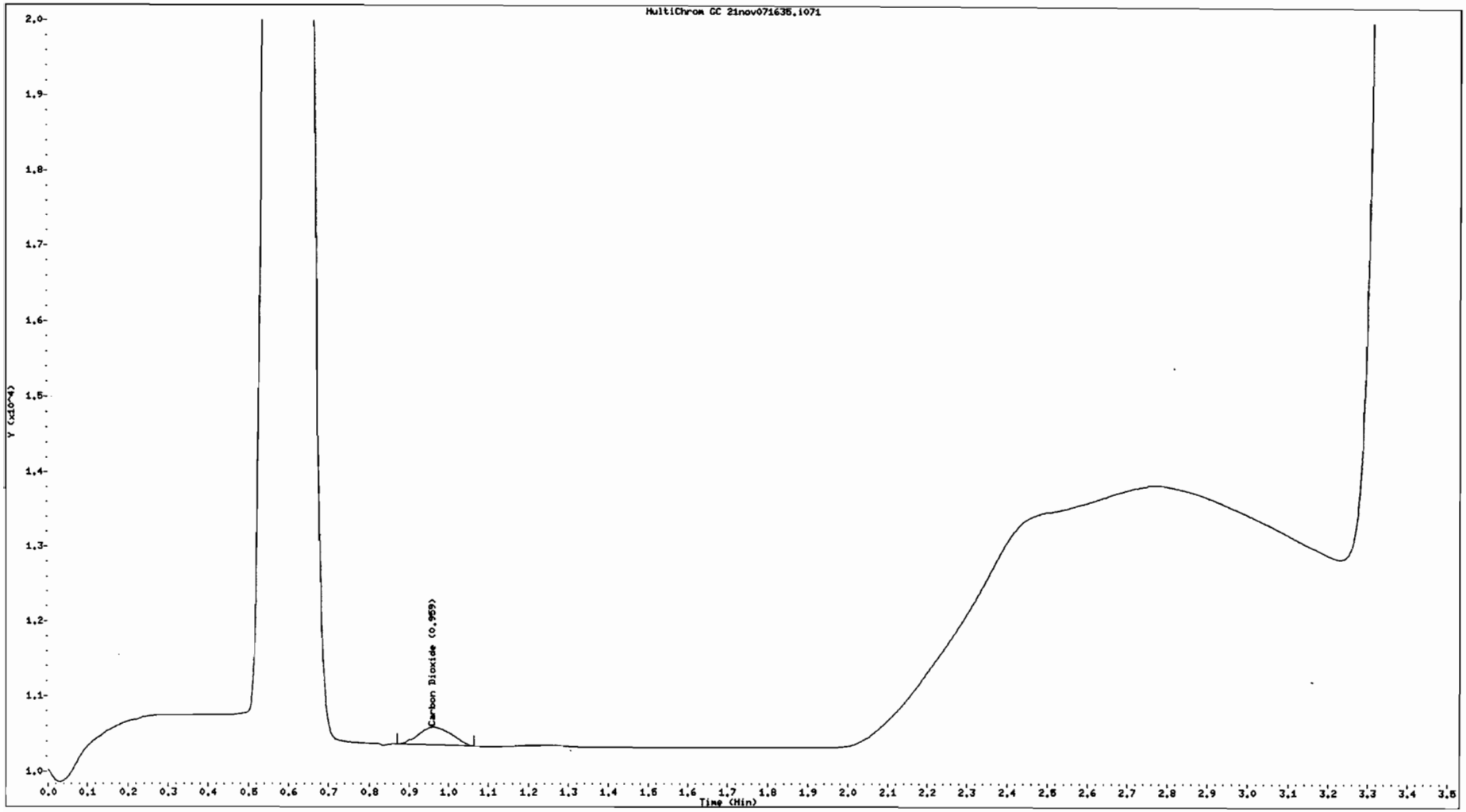
Client SDG: 21NOV071635
Fraction: VOA
Client Smp ID: ICV
Operator: PAD
SampleType: METHSPIKE
Quant Type: ESTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
9 Carbon Dioxide	5000	4800	96.63	70-130

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: ICV	Client Sample ID: ICV

Matrix	: WATER	Sample Type	: METHSPIKE
Analyst	: PAD	Injection Date	: 21-NOV-2007 17:20
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r071.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: ICV	Client Sample ID: ICV

Matrix	: WATER	Sample Type	: METHSPIKE
Analyst	: PAD PAD	Injection Date	: 21-NOV-2007 17:20
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 21nov071635-r071.d
Integrator	: Falcon	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112107_2/21NOV071635.b/RSK175CO2_2007.m		
Reported	: 05-Dec-2007 14:09 pd		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (ug/L)	Flags	Peak Identification
1	0.959	0.969	-0.010	1301	228	4831.40226	M	Carbon Dioxide

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
0.959	0.969	Carbon Dioxide

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Instrument ID: 2866_2 Calibration Date: 12/26/07 Time: 1542

Lab File ID: 26DEC071540-R0 Init. Calib. Date(s): 11/27/07 11/27/07

Heated Purge: (Y/N) N Init. Calib. Times: 1400 1449

GC Column: CTR-1 ID: 6.35 (mm)

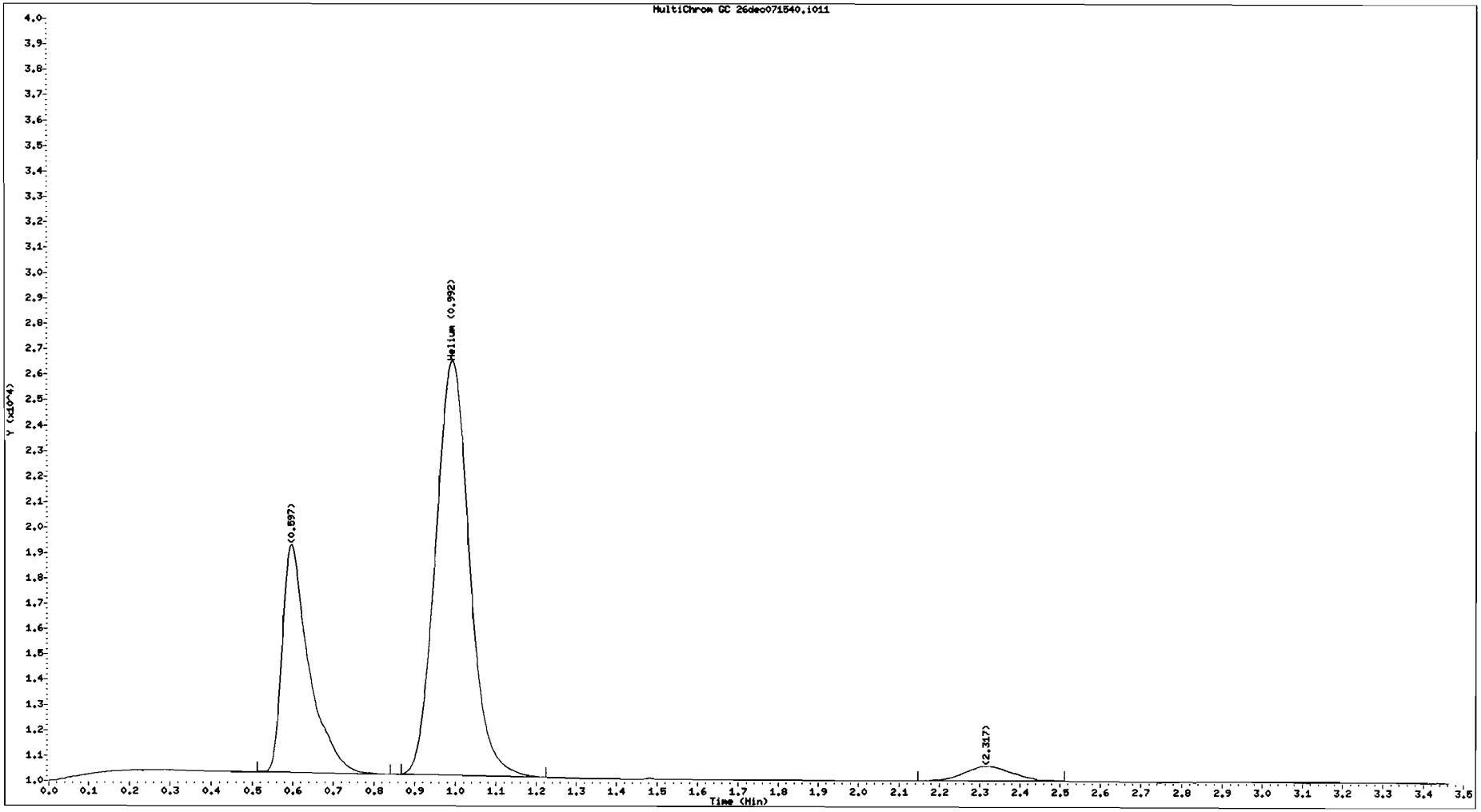
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	183046.12	172198.43		5.9	30.0

FORM VII VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: PAD	Injection Date	: 26-DEC-2007 15:42
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 26dec071540-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:10 klp		



Lab Sample ID: CCV Client Sample ID: CCV

Matrix : AIR
Analyst : PAD
Instrument : 2866_2.i
Column : CTR-1
Integrator : HP Genie
Method : /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m
Reported : 10-Jan-2008 08:10 klp

Sample Type : CCALIB_3
Injection Date : 26-DEC-2007 15:42
Dilution Factor : 1.00
Data File : 26dec071540-r011.d
Compound Sublist: all

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.597			626062	8996			
2	0.992	0.930	0.062	1429247	16303	7.80812525	M	Helium
3	2.317			73694	586			

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
0.992	0.930	Helium

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Instrument ID: 2866_2 Calibration Date: 12/26/07 Time: 1929

Lab File ID: 26DEC071928-R0 Init. Calib. Date(s): 11/27/07 11/27/07

Heated Purge: (Y/N) N Init. Calib. Times: 1400 1449

GC Column: CTR-1 ID: 6.35 (mm)

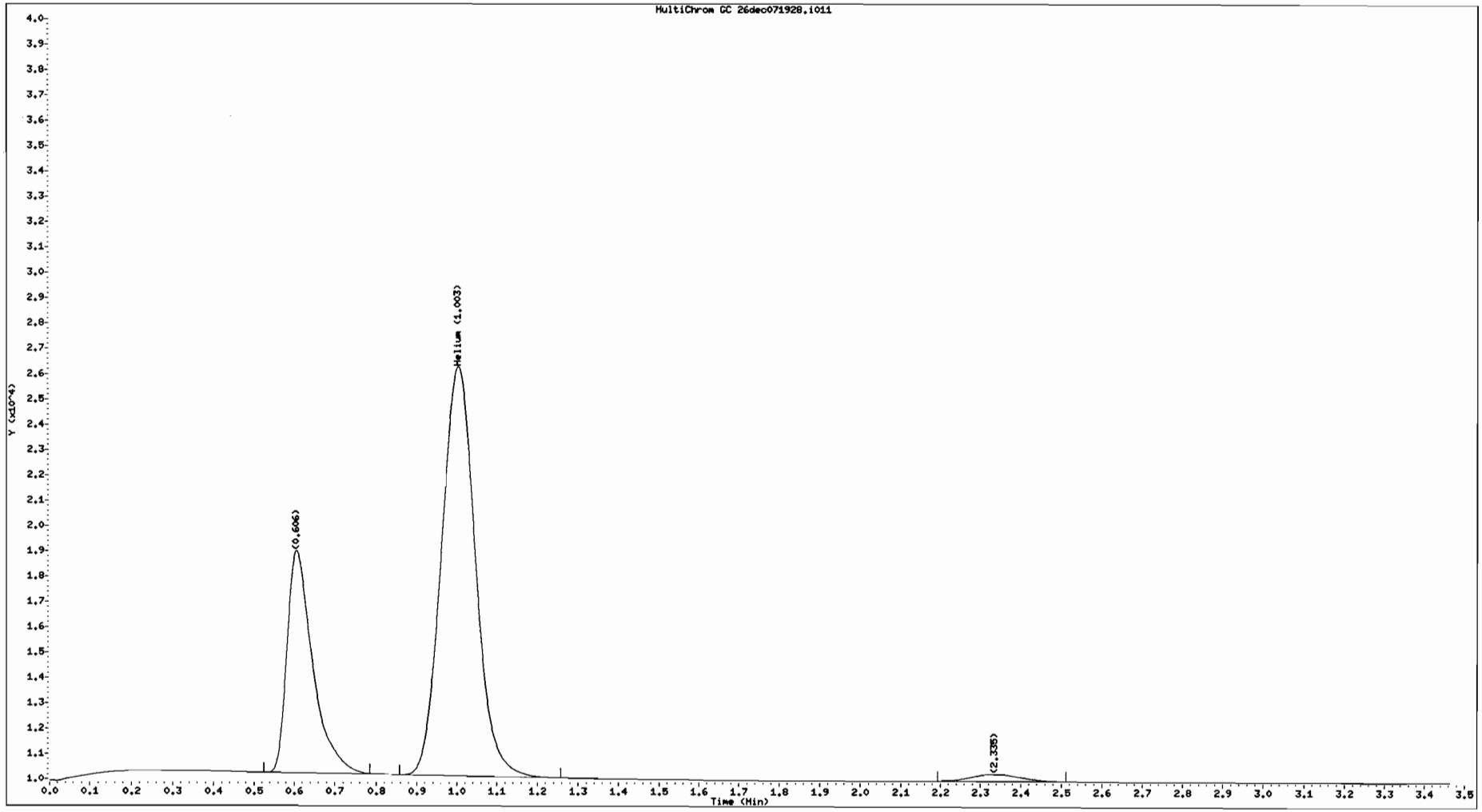
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	183046.12	174085.06		4.9	30.0

FORM VII VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: PAD	Injection Date	: 26-DEC-2007 19:29
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 26dec071928-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: PAD	Injection Date	: 26-DEC-2007 19:29
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 26dec071928-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.606			587094	8751		M	
2	1.003	0.930	0.073	1444906	16155	7.89367200	M	Helium
3	2.335			36249	286			

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
1.003	0.930	Helium

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Instrument ID: 2866_2 Calibration Date: 01/08/08 Time: 1004

Lab File ID: 08JAN080958-R0 Init. Calib. Date(s): 11/27/07 11/27/07

Heated Purge: (Y/N) N Init. Calib. Times: 1400 1449

GC Column: CTR-1 ID: 6.35 (mm)

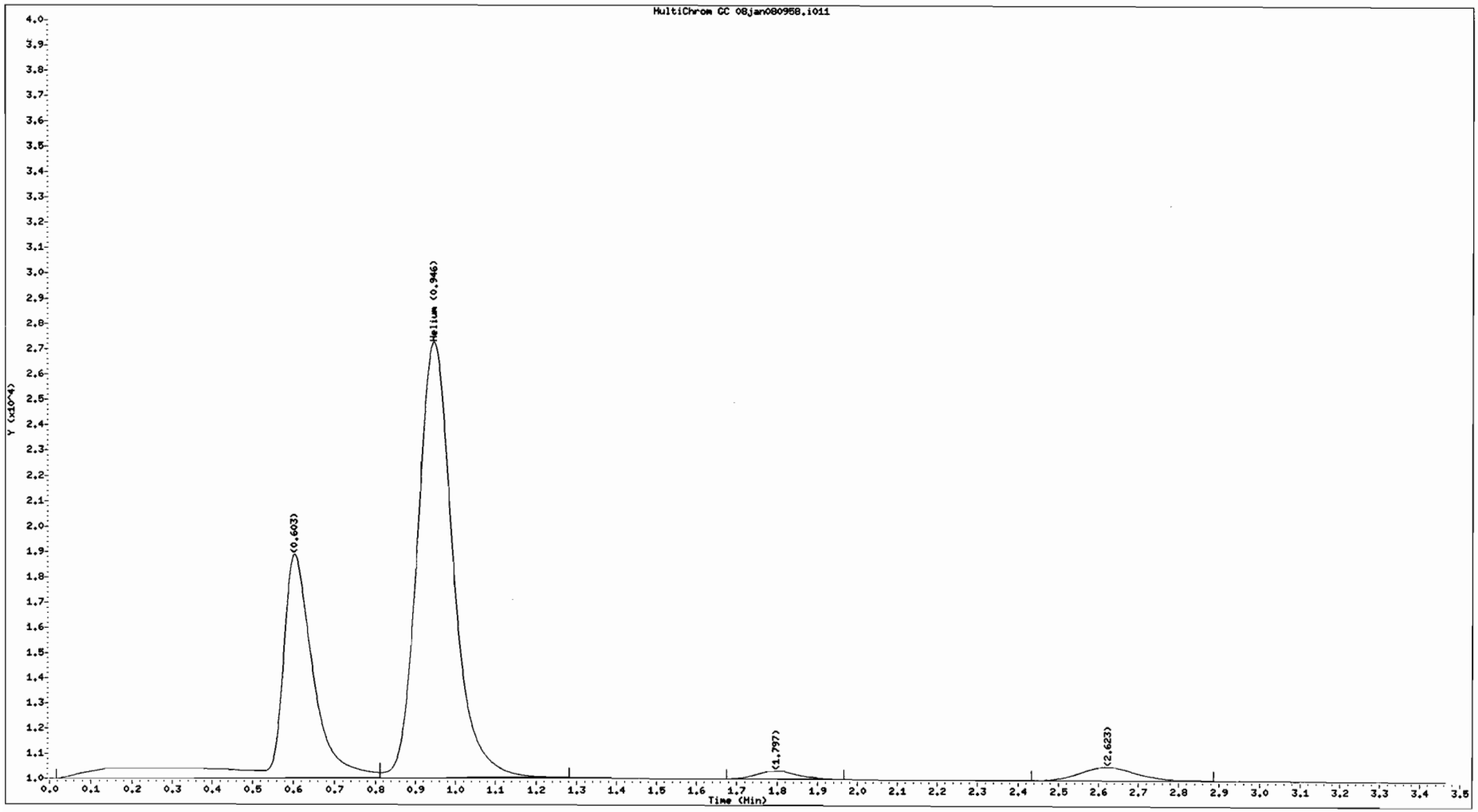
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	183046.12	194637.11		6.3	30.0

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	: 08-JAN-2008 10:04
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 08jan080958-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: JH2	Injection Date	: 08-JAN-2008 10:04
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 08jan080958-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.603			836107	8883			
2	0.946	0.930	0.016	1615488	17216	8.82557924		Helium
3	1.797			34753	333			
4	2.623			82239	547			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
0.946	0.930	Helium

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Instrument ID: 2866_2 Calibration Date: 01/09/08 Time: 0832

Lab File ID: 09JAN080831-R0 Init. Calib. Date(s): 11/27/07 11/27/07

Heated Purge: (Y/N) N Init. Calib. Times: 1400 1449

GC Column: CTR-1 ID: 6.35 (mm)

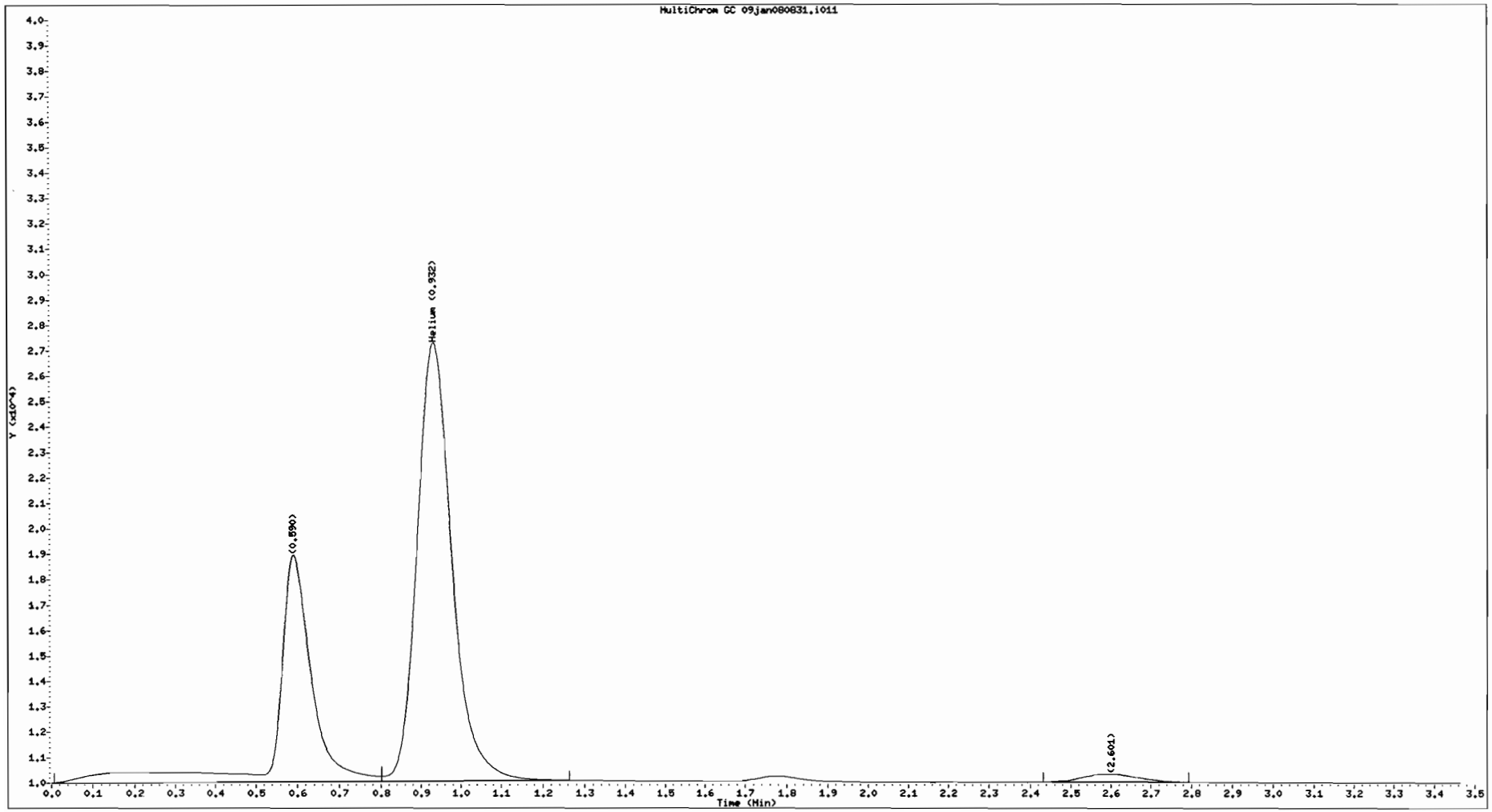
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	183046.12	191098.43		4.4	30.0

FORM VII VOA

- Target GC Chromatogram

Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: JH2	Injection Date	: 09-JAN-2008 08:32
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 09jan080831-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



Lab Sample ID: CCV	Client Sample ID: CCV

Matrix	: AIR	Sample Type	: CCALIB_3
Analyst	: JH2	Injection Date	: 09-JAN-2008 08:32
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 09jan080831-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.590			800190	8932			
2	0.932	0.930	0.002	1586117	17231	8.66512240		Helium
3	2.601			47711	335			

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
0.932	0.930	Helium

Raw QC Data – ASTM D1946

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLKC122607A

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: MBLKC122607A

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071552-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/26/07

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

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

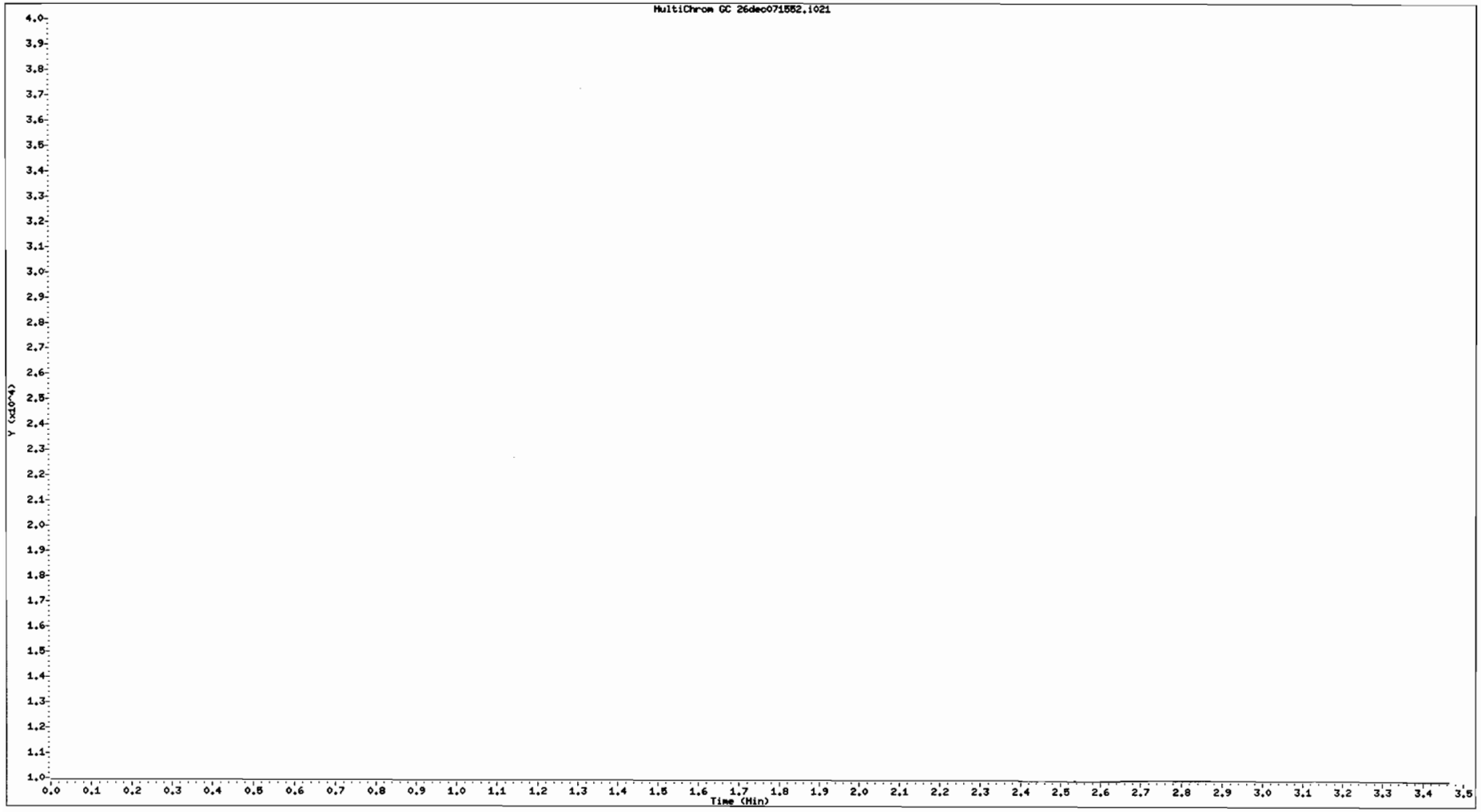
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	1.7	U

FORM I VOA

- Target GC Chromatogram

Lab Sample ID: MBLKC122607A	Client Sample ID: MBLKC122607A

Matrix	: AIR	Sample Type	: BLANK
Analyst	: PAD	Injection Date	: 26-DEC-2007 15:57
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 26dec071552-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: MBLKC122607A	Client Sample ID: MBLKC122607A

Matrix	: AIR	Sample Type	: BLANK
Analyst	: PAD	Injection Date	: 26-DEC-2007 15:57
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 26dec071552-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

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
	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLKC010808A

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: MBLKC010808A

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08JAN081017-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/08/08

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

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

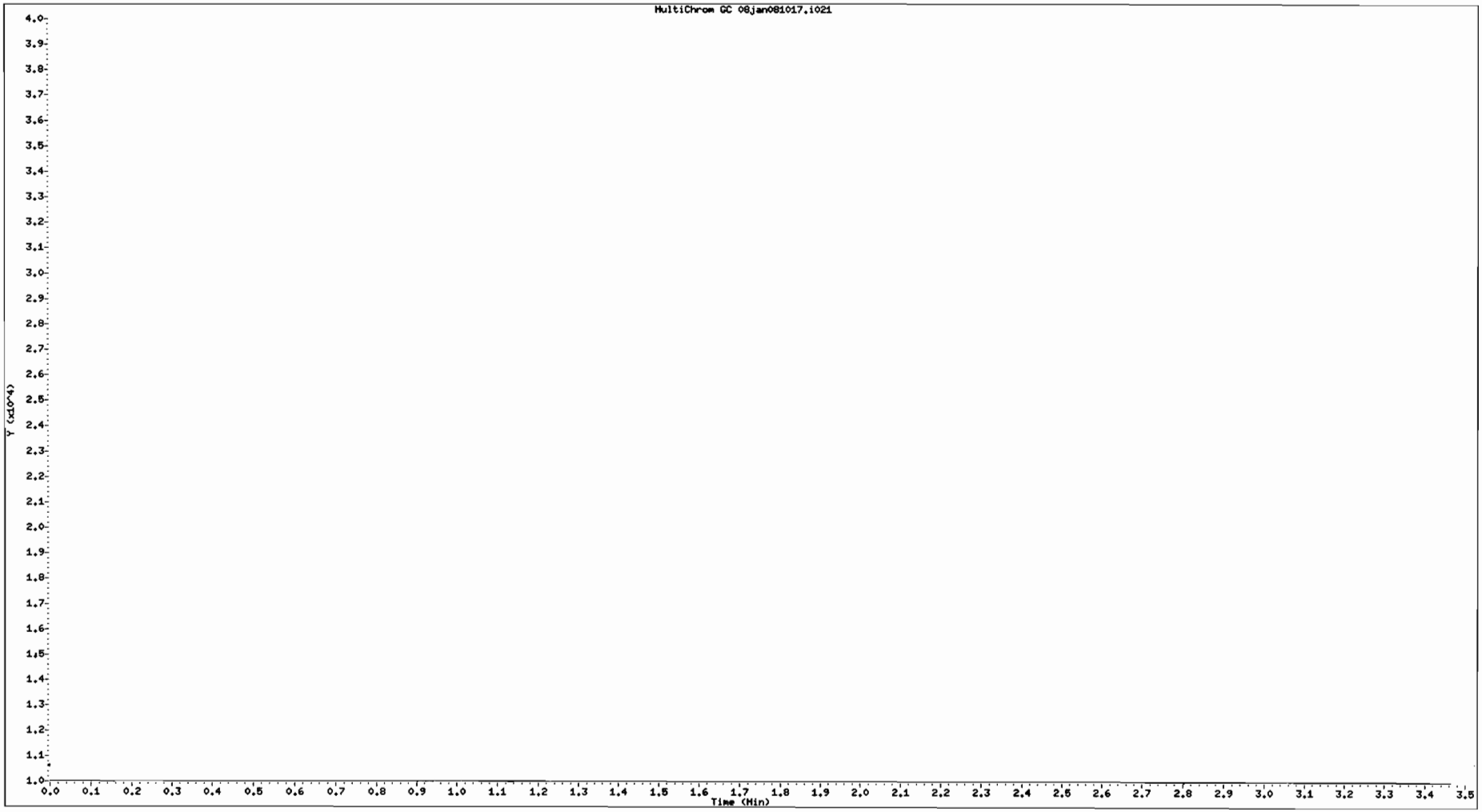
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	1.7	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: MBLKC010808A	Client Sample ID: MBLKC010808A

Matrix	: AIR	Sample Type	: BLANK
Analyst	: JH2	Injection Date	: 08-JAN-2008 10:22
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 08jan081017-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: MBLKC010808A	Client Sample ID: MBLKC010808A

Matrix	: AIR	Sample Type	: BLANK
Analyst	: JH2	Injection Date	: 08-JAN-2008 10:22
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 08jan081017-r021.d
Integrator	: HP Genie	Compound Sublist	: all

Method : /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m
Reported : 10-Jan-2008 08:11 klp

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
	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

C122607ALCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: C122607ALCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071552-R011

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/26/07

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	8.1	

FORM I VOA

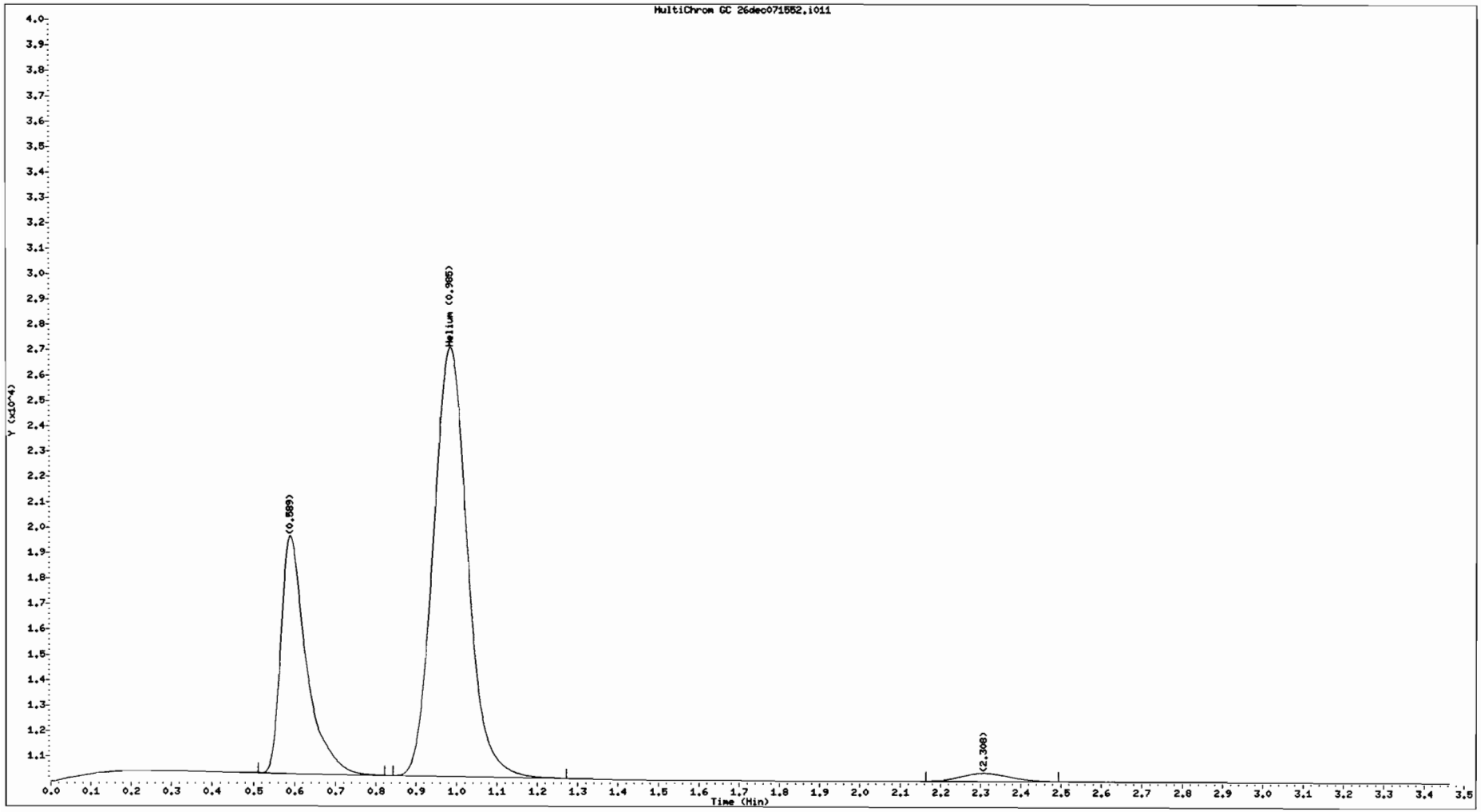
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: C122607ALCS	Client Sample ID: C122607ALCS

Matrix	: AIR	Sample Type	: LCS
Analyst	: PAD	Injection Date	: 26-DEC-2007 15:52
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 26dec071552-r011.d
Integrator	: HP Genie	Compound Sublist	: all

Method : /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m

Reported : 10-Jan-2008 08:11 klp



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: C122607ALCS	Client Sample ID: C122607ALCS

Matrix	: AIR	Sample Type	: LCS
Analyst	: PAD	Injection Date	: 26-DEC-2007 15:52
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 26dec071552-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.589			608169	9347			
2	0.985	0.930	0.054	1489810	16889	8.13898177		Helium
3	2.308			42302	335			

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
0.985	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

C010808ALCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123558

Matrix: (soil/water) AIR Lab Sample ID: C010808ALCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08JAN081017-R011

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/08/08

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.0

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

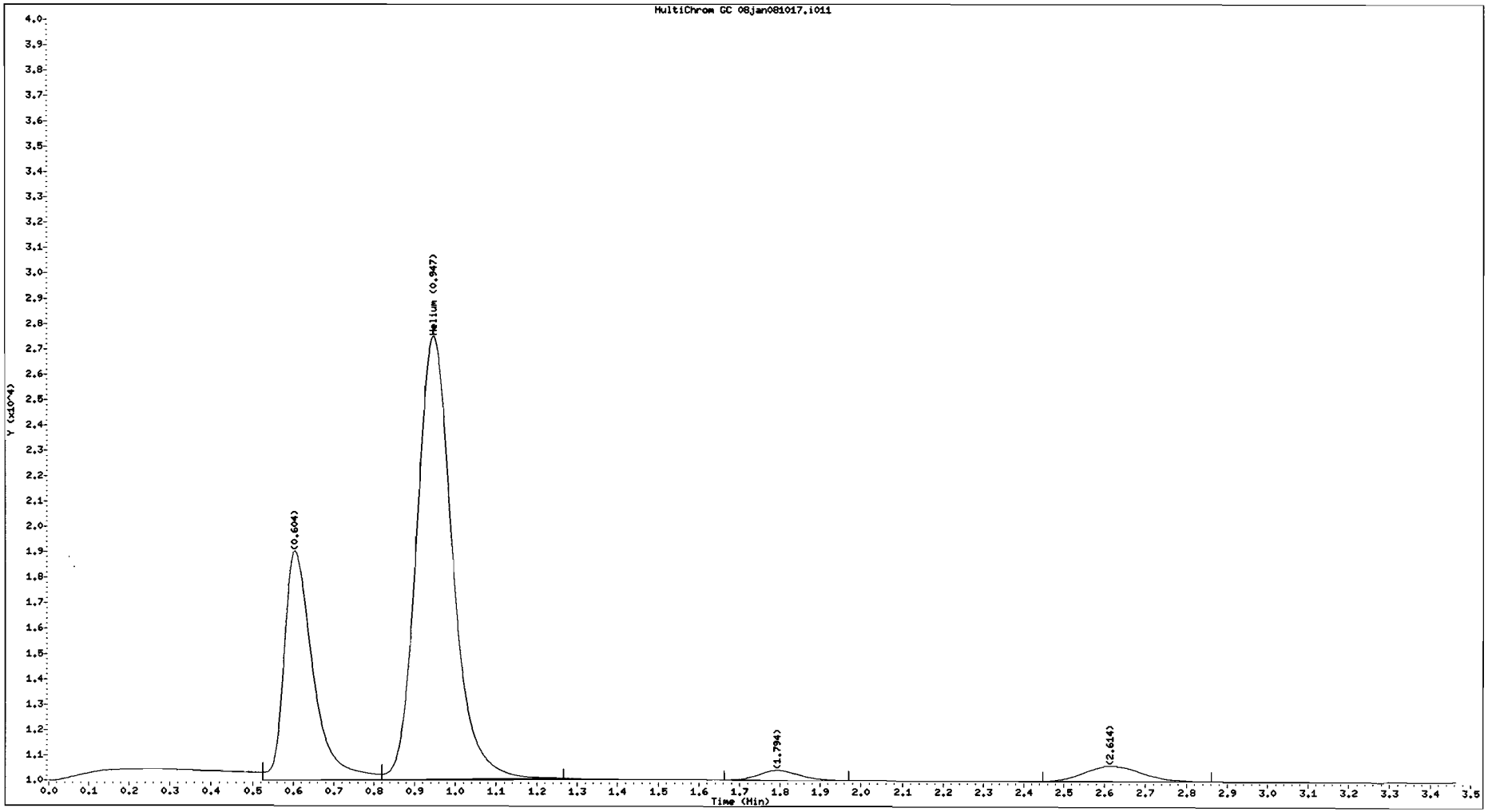
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	8.9	

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: C010808ALCS	Client Sample ID: C010808ALCS

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 08-JAN-2008 10:18
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 08jan081017-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		



Lab Sample ID: C010808ALCS Client Sample ID: C010808ALCS

Matrix	: AIR	Sample Type	: LCS
Analyst	: JH2	Injection Date	: 08-JAN-2008 10:18
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 08jan081017-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/26DEC071540.b/ASTM_He.m		
Reported	: 10-Jan-2008 08:11 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.604			685103	9014			
2	0.947	0.930	0.016	1625017	17455	8.87763716		Helium
3	1.794			42612	399			
4	2.614			91296	618			

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
0.947	0.930	Helium

Sample Preparation – ASTM D1946

Air Canister Post-Sampling Pressure Check Record

Project Information			
Client:	20HHAA		
ETR:	123558	SDG:	123558
Date:	12/22/07		
Analyst:	JHR		

Lab ID	CAN ID	Pressure ("Hg) Initial[1]	Final[2]	NCR[3]	FC ID	Certification Batch	Comments
736413	4137	-29.9	0.0	2	3787	4574BGIF	FC @ 49.1 (2hr)
736414	4354	↓	-6.1		3992	↓	
736415	2550	↓	-2.8		2829	↓	
736416	2890	↓	-2.0		4187	↓	
736417	2871	-29.5	-1.1		4525	3555 CGBB	
736418	2664	-29.9	-8.2		4674	4574 BGIF	
736419	2898	-29.9	-19.0	1	2817	4574 BGIF	FC @ 8.33 (2 hr)

JHR 12/22/07

1 Reading taken during the post-canister cleaning leak test.

2 Reading taken by laboratory on receipt of the canister post-sampling.

3 The final pressure should be between -1 and -10 ("Hg), if not, initiate NCR. NCR Codes: (1) -10 to-30 ("Hg) (2) -1 to Positive ("Hg) (3) Valve Open

TestAmerica Burlington - Manual Integration Summary
SDG: 21NOV071635

PAD 12/5/07 KLP 01/10/08

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	
CAL1	CAL1	INIT. CALIB.	2866_2	CTR-1	21-NOV-2007 16:43	21NOV071635-R021
	0.945	Carbon Dioxide			MI2 - Peak missed	
CAL2	CAL2	INIT. CALIB.	2866_2	CTR-1	21-NOV-2007 16:51	21NOV071635-R031
	0.956	Carbon Dioxide			MI2 - Peak missed	
CAL3	CAL3	INIT. CALIB.	2866_2	CTR-1	21-NOV-2007 16:58	21NOV071635-R041
	0.969	Carbon Dioxide			MI1 - Poor automated baseline	
CAL4	CAL4	INIT. CALIB.	2866_2	CTR-1	21-NOV-2007 17:05	21NOV071635-R051
	0.977	Carbon Dioxide			MI1 - Poor automated baseline	
CAL5	CAL5	INIT. CALIB.	2866_2	CTR-1	21-NOV-2007 17:13	21NOV071635-R061
	0.982	Carbon Dioxide			MI1 - Poor automated baseline	
ICV	ICV	METHSPIKE	2866_2	CTR-1	21-NOV-2007 17:20	21NOV071635-R071
	0.959	Carbon Dioxide			MI1 - Poor automated baseline	

TestAmerica Burlington - Manual Integration Summary
SDG: 123558

JH2 1/9/8 KLP 1/10/08

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	
CCV	CCV	CONT. CALIB.	2866_2	CTR-1	26-DEC-2007 15:42	26DEC071540-R011
	0.992	Helium			MI1 - Poor automated baseline	
CCV	CCV	CONT. CALIB.	2866_2	CTR-1	26-DEC-2007 19:29	26DEC071928-R011
	1.003	Helium			MI1 - Poor automated baseline	

INSTRUMENT RUN LOG
INSTRUMENT ID: VR-3600

Project Reference: 110107	Test Method: RSK-175 CO_2	Nitrogen / Acetylene Lot#[2]: —
Calibration Date: 112107-2	Instrument: Varian 3600	ICAL / CCV Lot #: AT10050701
Start Date: 11/21/07 Time: 1643	Type: Headspace Channel 51 ☐ FID	ICV / LCS Lot #: AT10050702
End Date: 11/22/07 Time: 1643	Device: 2866 Channel 52 ☑ TCD	Other: —

Injection #	Injection Time	Lab ID	Bottle Code	ETR	File Name	Dilution Factor	Concentration[1]	Analyst	Comments
1	—	IBLK			21NOV071635	1.0	✓	PAD	
2	1643	CAL 1			↓	↓	✓	↓	
3	1651	CAL 2			↓	↓	✓	↓	
4	1658	CAL 3			↓	↓	✓	↓	
5	1705	CAL 4			↓	↓	✓	↓	
6	1713	CAL 5			↓	↓	✓	↓	
7	1720	ICV (LCS)			↓	↓	✓	↓	Curve Passes
1	1728	MBLKC112107A			21NOV071726	↓	✓	↓	
1	~~1736~~ 1743	731436	~~1225~~ C2	122899	21NOV071735	1.0	✓		
2	~~1743~~ 1750	731438	C2	↓	↓	↓	—		
3	—	731440	C3	↓	↓	↓	—		
4	—	731442	C2	↓	↓	↓	—		Poor Chromatography - PAD 12/5/07
5	—	731444	C2	↓	↓	↓	—		
6	—	731446	C2	↓	↓	↓	—		
7	—	731448	C2	↓	↓	↓	—		
1	—	IBLK			21NOV071822		—		
2	1859	731446	C3	122899	↓		✓	↓	
3	1903	731448	C3	↓	↓		—	↓	Poor Chromatography

PAD 12/5/07

[1] Concentration = Results are within calibration range

Legend: C=Complete • R=Reanalyze • = High • ↓= Low • ✓=Reviewed and Acceptable

[2] Used to create headspace in field samples and the MB

INSTRUMENT RUN LOG
INSTRUMENT ID: VR-3600

Project Reference: 110107	Test Method: ASTMD 1946 : He	Nitrogen / Acetylene Lot#[2]: —
Calibration Date: 112707-2	Instrument: Varian 3600	ICAL / CCV Lot #: AT07190701
Start Date: 1/8/08 Time: 1004	Type: Headspace Channel 51 ☐ FID	ICV / LCS Lot #: AT07190702
End Date: 1/9/08 Time: 1004	Device: 2866 Channel 52 ☒ TCD	Other: —

Injection #	Injection Time	Lab ID	Bottle Code	ETR	File Name	Dilution Factor	Concentration[1]	Analyst	Comments
1	1004	CCV			08JAN080958	1.0	✓	JHZ	
1	1018	C010808ALCS			08JAN081017	1.0	✓	↓	
2	1022	MBLKC010808A			↓	↓	✓		
1	1230	736415		123558	08JAN08 1226	2.27	✓		
2	1235	736416		↓	↓	1.32	✓		
3	1239	736418				1.77	✓		
4	1244	736419				9.90	✓		
1	0832	CCV			09JAN08 0831	1.0	✓	JHZ	

JHZ 1/9/08

[1] Concentration = Results are within calibration range

[2] Used to create headspace in field samples and the MB

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

INSTRUMENT RUN LOG
INSTRUMENT ID: VR-3600

Project Reference: 110107	Test Method: ASTM D 1946	Nitrogen / Acetylene Lot#[2]: —
Calibration Date: 112707-2	Instrument: Varian 3600	ICAL / CCV Lot #: AT 07190701
Start Date: 122607 Time: 1542	Type: Headspace Channel 51 ☐ FID	ICV / LCS Lot #: AT 07190702
End Date: 122707 Time: 1542	Device: 2866 Channel 52 ☑ TCD	Other: —

Injection #	Injection Time	Lab ID	Bottle Code	ETR	File Name	Dilution Factor	Concentration[1]	Analyst	Comments
1	1542	CCV			26DEC071540	1.0	✓	PAD	
1	1552	C122607ALCS			26DEC071552	↓	✓	↓	
2	1557	MBLKC122607A			↓	↓	✓	↓	
1	1621	736420		123559	26DEC071620	1.62	✓	↓	
1	1658	736421		↓	26DEC071657	1.25	✓	↓	
2	1742	736422		↓	↓	1.21	✓	↓	
3	1800	736423		↓	↓	1.34	✓	↓	
4	1814	736424		↓	↓	1.33	✓	↓	
5	1824	736425		↓	↓	1.33	✓	↓	
6	1835	736426		↓	↓	1.39	✓	↓	
7	1858	736427		↓	↓	1.31	✓	↓	
8	1904	736413		123558	↓	1.21	✓	↓	
9	1908	736414		↓	↓	1.54	✓	↓	
10	1917	736417		↓	↓	1.27	✓	↓	
1	1929	CCV			26DEC071928	1.0	✓	↓	

PAD 12/28/07

PAD 12/28/07

[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

SUMMA Canister Dilution Spreadsheet

Page: 1 of 1

Client: ROHHAA
ETR: 123558

Analyst: PAD/JH2
Date: 12/26/07

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
736413	0	=	1.00	2.70	3.1	=	1.21	3.27	1.21
736414	-6.3	=	0.79	2.13	3.2	=	1.22	3.29	1.54
736415	-2.8	=	0.91	2.45	15.5	=	2.05	5.55	2.27
736416	-2.3	=	0.92	2.49	3.2	=	1.22	3.29	1.32
736417	-1.5	=	0.95	2.56	3.1	=	1.21	3.27	1.27
736418	-9.4	=	0.69	1.85	3.1	=	1.21	3.27	1.77
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00

CALCULATION:

$$\frac{\text{Preadjusted Pressure("Hg)} + 29.92\text{"Hg}}{29.92\text{"Hg}} + 2.7\text{ L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure(psig)} + 14.7\text{ psig}}{14.7\text{ psig}} + 2.7\text{L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{Dilution Factor}$$

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).
2.7 L = Volume of SUMMA canister at atmospheric pressure.

FAI035C:09.12.06:0
TestAmerica Burlington

SUMMA Canister Dilution Spreadsheet

Client: ROHAA
ETR: 123558

Page: 1 of 1
Analyst: NJR
Date: 12-28-07

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
736413	0	=	1.00	2.70	40	=	3.72	10.05	3.72
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
736414	0	=	1.00	2.70	40	=	3.72	10.05	3.72
		=	1.00	2.70		=	1.00	2.70	1.00
736417	0	=	1.00	2.70	40	=	3.72	10.05	3.72
		=	1.00	2.70		=	1.00	2.70	1.00
736419	-18.7	=	0.38	1.01	39.9	=	3.71	10.03	9.90
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00
		=	1.00	2.70		=	1.00	2.70	1.00

CALCULATION:

$$\frac{\text{Preadjusted Pressure("Hg)} + 29.92\text{"Hg}}{29.92\text{"Hg}} + 2.7\,\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure(psig)} + 14.7\,\text{psig}}{14.7\,\text{psig}} + 2.7\text{L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{Dilution Factor}$$

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).
2.7 L = Volume of SUMMA canister at atmospheric pressure.

FAI035C:09.12.06:0
TestAmerica Burlington

Sample Handling

FedEx Express US Airbill

8634 8303 4594 0200 Form ID No. FedEx Retrieval Copy

12/19/07 Sender's FedEx Account Number

JAMES FREY Phone

TESTAMERICA

520 FELLOWSHIP RD STE A106

4a Express Package Service — Packages up to 150 lbs.

1 [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected

5 [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available

6 [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available

3 [ ] FedEx 2Day — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected

20 [ ] FedEx Express Saver — Third business day.** Saturday Delivery NOT available

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service — Packages over 150 lbs.

7 [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected

8 [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday

83 [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available

FedEx Express US Airbill

8634 8303 4583 0200 Form ID No. FedEx Retrieval Copy

12/19/07 Sender's FedEx Account Number

JAMES FREY Phone 856 222-1990

TESTAMERICA

4a Express Package Service — Packages up to 150 lbs.

1 [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available

6 [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 [ ] FedEx 2Day — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected

20 [ ] FedEx Express Saver — Third business day.** Saturday Delivery NOT available

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

FedEx Express US Airbill

8634 8303 4572 0200 Form ID No. FedEx Retrieval Copy

12/19/07 Sender's FedEx Account Number

JAMES FREY Phone 856222-1990

TEST AMERICA

520 FELLOWSHIP RD SUITE A106 Dept./Floor/Suite/Room

MOUNT LAUREL State NJ ZIP 08054

Internal Billing Reference

SX. RECEIVING Phone 802655-1203

TESTAMERICA

30 COMMUNITY DRIVE SUITE 11 Dept./Floor/Suite/Room

Not delivered to P.O. boxes or P.O. ZIP codes.

If a package be held at a specific FedEx location, print FedEx address here

SOUTH BURLINGTON State VT ZIP 05403

8634 8303 4572

FedEx TRK# 0200 8634 8303 4561

THU - 2 PRIORITY

7F-RTVA

Emp# 327789 19DEC07 WWDA

1 [X] Other — Declared value limit $500

Saturday Ex Location — ONLY for FedEx Priority and FedEx 2Day locations.

No 4 [ ] Yes — As per attached Shipper's Declaration

[ ] Yes — Shipper's Declaration not required

6 [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

[ ] Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip Acct. No. [ ]

1 [ ] Sender — Acct. No. in Section 1 will be billed

2 [X] Recipient 3 [ ] Third Party 4 [ ] Credit Card 5 [ ] Cash/Check

Total Packages 1 Total Weight 15

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

Credit Card Auth

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.

[ ] No Signature Required — Package may be left without obtaining a signature for delivery.

10 [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

34 [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.

520

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TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	ROMMIT	Date Received:	12/20/07	Log In Date:	12.22.07
ETR:	123558	Time Received:	1100	By:	ADE
SDG:	123558	Received By:	ADE	Signature:	
Project:	27000	# Coolers Received:	1, 3 boxes	PM Signature:	
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)				Date:	12/31/07

List Air bill Number(s) or Attach a photocopy of the Air Bill:

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact		X		
Custody seal numbers are present			X	
If yes, list custody seal numbers:				

Thermal Preservation Type: ☐ Wet Ice ☐ Blue Ice X None ☐ Other (specify)

IR Gun ID:	G2	Correction Factor (CF) =	0 °C				
Cooler 1:	AIR °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	AIR °C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	AIR °C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	AIR °C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet				

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				

ANOMALY / NCR SUMMARY

Sample times on canister tags are start times. used COC stop times for login.

FSR002:12.19.07:3
TestAmerica Burlington

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THE LEADER IN ENVIRONMENTAL TESTING

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