TestAmerica
South Burlington, VT

Extended Data Package

SDG: 123559

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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: 123559

Dear Ms. Stroke:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on December 21st, 2007. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 12/21/07 ETR No: 123559		
736420	20071220VP-02V3@N	12/20/07	AIR
736421	20071220VP-03V3@N	12/20/07	AIR
736422	20071220VP-04V3@N	12/20/07	AIR
736423	20071220VP-01V2.5@N	12/20/07	AIR
736424	20071220VP-09V2@N	12/20/07	AIR
736425	20071220VP-06V1.5@N	12/20/07	AIR
736426	20071220VP-05V2@N	12/20/07	AIR
736427	20071220VP-12V1.5@N	12/20/07	AIR
736428	20071220VP-13V1.5@N	12/20/07	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 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.

The volatile organics analysis of the calibration check standard designated CGC10EV2 yielded increased response for select target analytes, resulting in percent differences outside control criteria.

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

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

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

Sincerely,

Don Dawicki
Project Manager

Enclosure

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-02V3@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 83400.00

Sample Matrix: AIR

Lab Sample No.: 736420

Date Analyzed: 01/03/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	42000	U	42000	87000	U	87000
Vinyl Chloride	75-01-4	17000	U	17000	43000	U	43000
Bromomethane	74-83-9	17000	U	17000	66000	U	66000
Chloroethane	75-00-3	42000	U	42000	110000	U	110000
1,1-Dichloroethene	75-35-4	17000	U	17000	67000	U	67000
Acetone	67-64-1	420000	U	420000	1000000	U	1000000
Carbon Disulfide	75-15-0	42000	U	42000	130000	U	130000
Methylene Chloride	75-09-2	42000	U	42000	150000	U	150000
trans-1,2-Dichloroethene	156-60-5	17000	U	17000	67000	U	67000
1,1-Dichloroethane	75-34-3	17000	U	17000	69000	U	69000
Methyl Ethyl Ketone	78-93-3	42000	U	42000	120000	U	120000
cis-1,2-Dichloroethene	156-59-2	17000	U	17000	67000	U	67000
Chloroform	67-66-3	17000	U	17000	83000	U	83000
1,1,1-Trichloroethane	71-55-6	17000	U	17000	93000	U	93000
Carbon Tetrachloride	56-23-5	17000	U	17000	110000	U	110000
Benzene	71-43-2	17000	U	17000	54000	U	54000
1,2-Dichloroethane	107-06-2	17000	U	17000	69000	U	69000
Trichloroethene	79-01-6	17000	U	17000	91000	U	91000
1,2-Dichloropropane	78-87-5	17000	U	17000	79000	U	79000
Bromodichloromethane	75-27-4	17000	U	17000	110000	U	110000
cis-1,3-Dichloropropene	10061-01-5	17000	U	17000	77000	U	77000
Methyl Isobutyl Ketone	108-10-1	42000	U	42000	170000	U	170000
Toluene	108-88-3	2300000		17000	8700000		64000
trans-1,3-Dichloropropene	10061-02-6	17000	U	17000	77000	U	77000
1,1,2-Trichloroethane	79-00-5	17000	U	17000	93000	U	93000
Tetrachloroethene	127-18-4	17000	U	17000	120000	U	120000
Methyl Butyl Ketone	591-78-6	42000	U	42000	170000	U	170000
Dibromochloromethane	124-48-1	17000	U	17000	140000	U	140000
Chlorobenzene	108-90-7	17000	U	17000	78000	U	78000
Ethylbenzene	100-41-4	17000		17000	74000		74000
Xylene (m,p)	1330-20-7	42000	U	42000	180000	U	180000
Xylene (o)	95-47-6	17000	U	17000	74000	U	74000
Styrene	100-42-5	17000	U	17000	72000	U	72000

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-02V3@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 83400.00

Sample Matrix: AIR

Lab Sample No.: 736420

Date Analyzed: 01/03/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	17000	U	17000	180000	U	180000
1,1,2,2-Tetrachloroethane	79-34-5	17000	U	17000	120000	U	120000

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-03V3@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 55800.00

Sample Matrix: AIR

Lab Sample No.: 736421

Date Analyzed: 01/08/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	28000	U	28000	58000	U	58000
Vinyl Chloride	75-01-4	16000		11000	41000		28000
Bromomethane	74-83-9	11000	U	11000	43000	U	43000
Chloroethane	75-00-3	28000	U	28000	74000	U	74000
1,1-Dichloroethene	75-35-4	11000	U	11000	44000	U	44000
Acetone	67-64-1	280000	U	280000	670000	U	670000
Carbon Disulfide	75-15-0	28000	U	28000	87000	U	87000
Methylene Chloride	75-09-2	28000	U	28000	97000	U	97000
trans-1,2-Dichloroethene	156-60-5	11000	U	11000	44000	U	44000
1,1-Dichloroethane	75-34-3	11000	U	11000	45000	U	45000
Methyl Ethyl Ketone	78-93-3	28000	U	28000	83000	U	83000
cis-1,2-Dichloroethene	156-59-2	11000	U	11000	44000	U	44000
Chloroform	67-66-3	11000	U	11000	54000	U	54000
1,1,1-Trichloroethane	71-55-6	11000	U	11000	60000	U	60000
Carbon Tetrachloride	56-23-5	11000	U	11000	69000	U	69000
Benzene	71-43-2	11000	U	11000	35000	U	35000
1,2-Dichloroethane	107-06-2	11000	U	11000	45000	U	45000
Trichloroethene	79-01-6	11000	U	11000	59000	U	59000
1,2-Dichloropropane	78-87-5	11000	U	11000	51000	U	51000
Bromodichloromethane	75-27-4	11000	U	11000	74000	U	74000
cis-1,3-Dichloropropene	10061-01-5	11000	U	11000	50000	U	50000
Methyl Isobutyl Ketone	108-10-1	28000	U	28000	110000	U	110000
Toluene	108-88-3	1200000		11000	4500000		41000
trans-1,3-Dichloropropene	10061-02-6	11000	U	11000	50000	U	50000
1,1,2-Trichloroethane	79-00-5	11000	U	11000	60000	U	60000
Tetrachloroethene	127-18-4	11000	U	11000	75000	U	75000
Methyl Butyl Ketone	591-78-6	28000	U	28000	110000	U	110000
Dibromochloromethane	124-48-1	11000	U	11000	94000	U	94000
Chlorobenzene	108-90-7	11000	U	11000	51000	U	51000
Ethylbenzene	100-41-4	12000		11000	52000		48000
Xylene (m,p)	1330-20-7	34000		28000	150000		120000
Xylene (o)	95-47-6	11000	U	11000	48000	U	48000
Styrene	100-42-5	11000	U	11000	47000	U	47000

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-03V3@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 55800.00

Sample Matrix: AIR

Lab Sample No.: 736421

Date Analyzed: 01/08/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	11000	U	11000	110000	U	110000
1,1,2,2-Tetrachloroethane	79-34-5	11000	U	11000	76000	U	76000

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-04V3@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 62100.00

Sample Matrix: AIR

Lab Sample No.: 736422

Date Analyzed: 01/08/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	31000	U	31000	64000	U	64000
Vinyl Chloride	75-01-4	12000	U	12000	31000	U	31000
Bromomethane	74-83-9	12000	U	12000	47000	U	47000
Chloroethane	75-00-3	31000	U	31000	82000	U	82000
1,1-Dichloroethene	75-35-4	12000	U	12000	48000	U	48000
Acetone	67-64-1	310000	U	310000	740000	U	740000
Carbon Disulfide	75-15-0	31000	U	31000	97000	U	97000
Methylene Chloride	75-09-2	31000	U	31000	110000	U	110000
trans-1,2-Dichloroethene	156-60-5	12000	U	12000	48000	U	48000
1,1-Dichloroethane	75-34-3	12000	U	12000	49000	U	49000
Methyl Ethyl Ketone	78-93-3	31000	U	31000	91000	U	91000
cis-1,2-Dichloroethene	156-59-2	12000	U	12000	48000	U	48000
Chloroform	67-66-3	12000	U	12000	59000	U	59000
1,1,1-Trichloroethane	71-55-6	12000	U	12000	65000	U	65000
Carbon Tetrachloride	56-23-5	12000	U	12000	75000	U	75000
Benzene	71-43-2	12000	U	12000	38000	U	38000
1,2-Dichloroethane	107-06-2	12000	U	12000	49000	U	49000
Trichloroethene	79-01-6	12000	U	12000	64000	U	64000
1,2-Dichloropropane	78-87-5	12000	U	12000	55000	U	55000
Bromodichloromethane	75-27-4	12000	U	12000	80000	U	80000
cis-1,3-Dichloropropene	10061-01-5	12000	U	12000	54000	U	54000
Methyl Isobutyl Ketone	108-10-1	31000	U	31000	130000	U	130000
Toluene	108-88-3	1600000		12000	6000000		45000
trans-1,3-Dichloropropene	10061-02-6	12000	U	12000	54000	U	54000
1,1,2-Trichloroethane	79-00-5	12000	U	12000	65000	U	65000
Tetrachloroethene	127-18-4	12000	U	12000	81000	U	81000
Methyl Butyl Ketone	591-78-6	31000	U	31000	130000	U	130000
Dibromochloromethane	124-48-1	12000	U	12000	100000	U	100000
Chlorobenzene	108-90-7	12000	U	12000	55000	U	55000
Ethylbenzene	100-41-4	24000		12000	100000		52000
Xylene (m,p)	1330-20-7	50000		31000	220000		130000
Xylene (o)	95-47-6	12000	U	12000	52000	U	52000
Styrene	100-42-5	12000	U	12000	51000	U	51000

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-04V3@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 62100.00

Sample Matrix: AIR

Lab Sample No.: 736422

Date Analyzed: 01/08/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	12000	U	12000	120000	U	120000
1,1,2,2-Tetrachloroethane	79-34-5	12000	U	12000	82000	U	82000

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-01V2.5@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 199.00

Sample Matrix: AIR

Lab Sample No.: 736423

Date Analyzed: 01/04/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	100	U	100	210	U	210
Vinyl Chloride	75-01-4	40	U	40	100	U	100
Bromomethane	74-83-9	40	U	40	160	U	160
Chloroethane	75-00-3	100	U	100	260	U	260
1,1-Dichloroethene	75-35-4	40	U	40	160	U	160
Acetone	67-64-1	1000	U	1000	2400	U	2400
Carbon Disulfide	75-15-0	100	U	100	310	U	310
Methylene Chloride	75-09-2	100	U	100	350	U	350
trans-1,2-Dichloroethene	156-60-5	40	U	40	160	U	160
1,1-Dichloroethane	75-34-3	40	U	40	160	U	160
Methyl Ethyl Ketone	78-93-3	100	U	100	290	U	290
cis-1,2-Dichloroethene	156-59-2	40	U	40	160	U	160
Chloroform	67-66-3	40	U	40	200	U	200
1,1,1-Trichloroethane	71-55-6	40	U	40	220	U	220
Carbon Tetrachloride	56-23-5	40	U	40	250	U	250
Benzene	71-43-2	40	U	40	130	U	130
1,2-Dichloroethane	107-06-2	230		40	930		160
Trichloroethene	79-01-6	40	U	40	210	U	210
1,2-Dichloropropane	78-87-5	40	U	40	180	U	180
Bromodichloromethane	75-27-4	40	U	40	270	U	270
cis-1,3-Dichloropropene	10061-01-5	40	U	40	180	U	180
Methyl Isobutyl Ketone	108-10-1	100	U	100	410	U	410
Toluene	108-88-3	1800		40	6800		150
trans-1,3-Dichloropropene	10061-02-6	40	U	40	180	U	180
1,1,2-Trichloroethane	79-00-5	40	U	40	220	U	220
Tetrachloroethene	127-18-4	40	U	40	270	U	270
Methyl Butyl Ketone	591-78-6	100	U	100	410	U	410
Dibromochloromethane	124-48-1	40	U	40	340	U	340
Chlorobenzene	108-90-7	40	U	40	180	U	180
Ethylbenzene	100-41-4	210		40	910		170
Xylene (m,p)	1330-20-7	290		100	1300		430
Xylene (o)	95-47-6	83		40	360		170
Styrene	100-42-5	40	U	40	170	U	170

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-01V2.5@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 199.00

Sample Matrix: AIR

Lab Sample No.: 736423

Date Analyzed: 01/04/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	40	U	40	410	U	410
1,1,2,2-Tetrachloroethane	79-34-5	40	U	40	270	U	270

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-09V2@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 26.60

Sample Matrix: AIR

Lab Sample No.: 736424

Date Analyzed: 01/09/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	13	U	13	27	U	27
Vinyl Chloride	75-01-4	81		5.3	210		14
Bromomethane	74-83-9	5.3	U	5.3	21	U	21
Chloroethane	75-00-3	13	U	13	34	U	34
1,1-Dichloroethene	75-35-4	5.3	U	5.3	21	U	21
Acetone	67-64-1	130	U	130	310	U	310
Carbon Disulfide	75-15-0	230		13	720		40
Methylene Chloride	75-09-2	13	U	13	45	U	45
trans-1,2-Dichloroethene	156-60-5	5.3	U	5.3	21	U	21
1,1-Dichloroethane	75-34-3	5.3	U	5.3	21	U	21
Methyl Ethyl Ketone	78-93-3	13	U	13	38	U	38
cis-1,2-Dichloroethene	156-59-2	5.3	U	5.3	21	U	21
Chloroform	67-66-3	10		5.3	49		26
1,1,1-Trichloroethane	71-55-6	5.3	U	5.3	29	U	29
Carbon Tetrachloride	56-23-5	5.3	U	5.3	33	U	33
Benzene	71-43-2	5.3	U	5.3	17	U	17
1,2-Dichloroethane	107-06-2	31		5.3	130		21
Trichloroethene	79-01-6	5.3	U	5.3	28	U	28
1,2-Dichloropropane	78-87-5	5.3	U	5.3	24	U	24
Bromodichloromethane	75-27-4	5.3	U	5.3	36	U	36
cis-1,3-Dichloropropene	10061-01-5	5.3	U	5.3	24	U	24
Methyl Isobutyl Ketone	108-10-1	13	U	13	53	U	53
Toluene	108-88-3	770		5.3	2900		20
trans-1,3-Dichloropropene	10061-02-6	5.3	U	5.3	24	U	24
1,1,2-Trichloroethane	79-00-5	5.3	U	5.3	29	U	29
Tetrachloroethene	127-18-4	5.3	U	5.3	36	U	36
Methyl Butyl Ketone	591-78-6	13	U	13	53	U	53
Dibromochloromethane	124-48-1	5.3	U	5.3	45	U	45
Chlorobenzene	108-90-7	5.3	U	5.3	24	U	24
Ethylbenzene	100-41-4	11		5.3	48		23
Xylene (m,p)	1330-20-7	34		13	150		56
Xylene (o)	95-47-6	7.1		5.3	31		23
Styrene	100-42-5	5.3	U	5.3	23	U	23

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-09V2@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 26.60

Sample Matrix: AIR

Lab Sample No.: 736424

Date Analyzed: 01/09/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	5.3	U	5.3	55	U	55
1,1,2,2-Tetrachloroethane	79-34-5	5.3	U	5.3	36	U	36

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-06V1.5@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 362.00

Sample Matrix: AIR

Lab Sample No.: 736425

Date Analyzed: 01/08/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	180	U	180	370	U	370
Vinyl Chloride	75-01-4	120		72	310		180
Bromomethane	74-83-9	72	U	72	280	U	280
Chloroethane	75-00-3	180	U	180	470	U	470
1,1-Dichloroethene	75-35-4	72	U	72	290	U	290
Acetone	67-64-1	1800	U	1800	4300	U	4300
Carbon Disulfide	75-15-0	180	U	180	560	U	560
Methylene Chloride	75-09-2	180	U	180	630	U	630
trans-1,2-Dichloroethene	156-60-5	72	U	72	290	U	290
1,1-Dichloroethane	75-34-3	72	U	72	290	U	290
Methyl Ethyl Ketone	78-93-3	180	U	180	530	U	530
cis-1,2-Dichloroethene	156-59-2	72	U	72	290	U	290
Chloroform	67-66-3	72	U	72	350	U	350
1,1,1-Trichloroethane	71-55-6	72	U	72	390	U	390
Carbon Tetrachloride	56-23-5	72	U	72	450	U	450
Benzene	71-43-2	160		72	510		230
1,2-Dichloroethane	107-06-2	72	U	72	290	U	290
Trichloroethene	79-01-6	72	U	72	390	U	390
1,2-Dichloropropane	78-87-5	72	U	72	330	U	330
Bromodichloromethane	75-27-4	72	U	72	480	U	480
cis-1,3-Dichloropropene	10061-01-5	72	U	72	330	U	330
Methyl Isobutyl Ketone	108-10-1	180	U	180	740	U	740
Toluene	108-88-3	9400		72	35000		270
trans-1,3-Dichloropropene	10061-02-6	72	U	72	330	U	330
1,1,2-Trichloroethane	79-00-5	72	U	72	390	U	390
Tetrachloroethene	127-18-4	72	U	72	490	U	490
Methyl Butyl Ketone	591-78-6	180	U	180	740	U	740
Dibromochloromethane	124-48-1	72	U	72	610	U	610
Chlorobenzene	108-90-7	72	U	72	330	U	330
Ethylbenzene	100-41-4	200		72	870		310
Xylene (m,p)	1330-20-7	970		180	4200		780
Xylene (o)	95-47-6	280		72	1200		310
Styrene	100-42-5	72	U	72	310	U	310

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-06V1.5@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 362.00

Sample Matrix: AIR

Lab Sample No.: 736425

Date Analyzed: 01/08/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	72	U	72	740	U	740
1,1,2,2-Tetrachloroethane	79-34-5	72	U	72	490	U	490

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-05V2@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 4.96

Sample Matrix: AIR

Lab Sample No.: 736426

Date Analyzed: 01/04/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	2.5	U	2.5	5.2	U	5.2
Vinyl Chloride	75-01-4	0.99	U	0.99	2.5	U	2.5
Bromomethane	74-83-9	0.99	U	0.99	3.8	U	3.8
Chloroethane	75-00-3	2.5	U	2.5	6.6	U	6.6
1,1-Dichloroethene	75-35-4	0.99	U	0.99	3.9	U	3.9
Acetone	67-64-1	25	U	25	59	U	59
Carbon Disulfide	75-15-0	3.0		2.5	9.3		7.8
Methylene Chloride	75-09-2	2.5	U	2.5	8.7	U	8.7
trans-1,2-Dichloroethene	156-60-5	0.99	U	0.99	3.9	U	3.9
1,1-Dichloroethane	75-34-3	0.99	U	0.99	4.0	U	4.0
Methyl Ethyl Ketone	78-93-3	14		2.5	41		7.4
cis-1,2-Dichloroethene	156-59-2	1.2		0.99	4.8		3.9
Chloroform	67-66-3	0.99	U	0.99	4.8	U	4.8
1,1,1-Trichloroethane	71-55-6	0.99	U	0.99	5.4	U	5.4
Carbon Tetrachloride	56-23-5	0.99	U	0.99	6.2	U	6.2
Benzene	71-43-2	0.99	U	0.99	3.2	U	3.2
1,2-Dichloroethane	107-06-2	64		0.99	260		4.0
Trichloroethene	79-01-6	0.99	U	0.99	5.3	U	5.3
1,2-Dichloropropane	78-87-5	14		0.99	65		4.6
Bromodichloromethane	75-27-4	0.99	U	0.99	6.6	U	6.6
cis-1,3-Dichloropropene	10061-01-5	0.99	U	0.99	4.5	U	4.5
Methyl Isobutyl Ketone	108-10-1	2.5	U	2.5	10	U	10
Toluene	108-88-3	120		0.99	450		3.7
trans-1,3-Dichloropropene	10061-02-6	0.99	U	0.99	4.5	U	4.5
1,1,2-Trichloroethane	79-00-5	0.99	U	0.99	5.4	U	5.4
Tetrachloroethene	127-18-4	0.99	U	0.99	6.7	U	6.7
Methyl Butyl Ketone	591-78-6	2.5	U	2.5	10	U	10
Dibromochloromethane	124-48-1	0.99	U	0.99	8.4	U	8.4
Chlorobenzene	108-90-7	0.99	U	0.99	4.6	U	4.6
Ethylbenzene	100-41-4	6.4		0.99	28		4.3
Xylene (m,p)	1330-20-7	11		2.5	48		11
Xylene (o)	95-47-6	5.2		0.99	23		4.3
Styrene	100-42-5	0.99	U	0.99	4.2	U	4.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-05V2@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 4.96

Sample Matrix: AIR

Lab Sample No.: 736426

Date Analyzed: 01/04/08

Date Received: 12/21/07

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

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-12V1.5@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 10.10

Sample Matrix: AIR

Lab Sample No.: 736427

Date Analyzed: 01/04/08

Date Received: 12/21/07

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	5.1	U	5.1	11	U	11
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.1	U	5.1	13	U	13
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	51	U	51	120	U	120
Carbon Disulfide	75-15-0	5.1	U	5.1	16	U	16
Methylene Chloride	75-09-2	5.1	U	5.1	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	12		5.1	35		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	130		2.0	630		9.8
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Carbon Tetrachloride	56-23-5	2.0	U	2.0	13	U	13
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	130		2.0	530		8.1
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.1	U	5.1	21	U	21
Toluene	108-88-3	210		2.0	790		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	3.3		2.0	22		14
Methyl Butyl Ketone	591-78-6	5.1	U	5.1	21	U	21
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	5.1	U	5.1	22	U	22
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20071220VP-12V1.5@N

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 10.10

Sample Matrix: AIR

Lab Sample No.: 736427

Date Analyzed: 01/04/08

Date Received: 12/21/07

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

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA010308LCS

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA010308

Date Analyzed: 01/03/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	10		0.50	21		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
Bromomethane	74-83-9	8.5		0.20	33		0.78
Chloroethane	75-00-3	8.6		0.50	23		1.3
1,1-Dichloroethene	75-35-4	10		0.20	40		0.79
Acetone	67-64-1	12		5.0	29		12
Carbon Disulfide	75-15-0	9.5		0.50	30		1.6
Methylene Chloride	75-09-2	11		0.50	38		1.7
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
Methyl Ethyl Ketone	78-93-3	9.8		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.7		0.20	38		0.79
Chloroform	67-66-3	10		0.20	49		0.98
1,1,1-Trichloroethane	71-55-6	13		0.20	71		1.1
Carbon Tetrachloride	56-23-5	13		0.20	82		1.3
Benzene	71-43-2	9.9		0.20	32		0.64
1,2-Dichloroethane	107-06-2	13		0.20	53		0.81
Trichloroethene	79-01-6	11		0.20	59		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
Bromodichloromethane	75-27-4	12		0.20	80		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	13		0.50	53		2.0
Toluene	108-88-3	9.4		0.20	35		0.75
trans-1,3-Dichloropropene	10061-02-6	12		0.20	54		0.91
1,1,2-Trichloroethane	79-00-5	9.4		0.20	51		1.1
Tetrachloroethene	127-18-4	9.5		0.20	64		1.4
Methyl Butyl Ketone	591-78-6	12		0.50	49		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
Chlorobenzene	108-90-7	9.3		0.20	43		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	18		0.50	78		2.2
Xylene (o)	95-47-6	9.1		0.20	40		0.87
Styrene	100-42-5	11		0.20	47		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA010308LCS

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA010308

Date Analyzed: 01/03/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	11		0.20	110		2.1
1,1,2,2-Tetrachloroethane	79-34-5	10		0.20	69		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA010308LCSD

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA010308

Date Analyzed: 01/03/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	9.1		0.50	19		1.0
Vinyl Chloride	75-01-4	9.3		0.20	24		0.51
Bromomethane	74-83-9	8.7		0.20	34		0.78
Chloroethane	75-00-3	8.7		0.50	23		1.3
1,1-Dichloroethene	75-35-4	10		0.20	40		0.79
Acetone	67-64-1	12		5.0	29		12
Carbon Disulfide	75-15-0	9.4		0.50	29		1.6
Methylene Chloride	75-09-2	10		0.50	35		1.7
trans-1,2-Dichloroethene	156-60-5	9.8		0.20	39		0.79
1,1-Dichloroethane	75-34-3	9.9		0.20	40		0.81
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.7		0.20	38		0.79
Chloroform	67-66-3	9.9		0.20	48		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
Benzene	71-43-2	9.7		0.20	31		0.64
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	9.8		0.20	45		0.92
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	11		0.50	45		2.0
Toluene	108-88-3	9.6		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	9.3		0.20	51		1.1
Tetrachloroethene	127-18-4	9.5		0.20	64		1.4
Methyl Butyl Ketone	591-78-6	11		0.50	45		2.0
Dibromochloromethane	124-48-1	10		0.20	85		1.7
Chlorobenzene	108-90-7	9.2		0.20	42		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	18		0.50	78		2.2
Xylene (o)	95-47-6	8.7		0.20	38		0.87
Styrene	100-42-5	10		0.20	43		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CA010308LCSD

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA010308

Date Analyzed: 01/03/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	10		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.4		0.20	65		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA010808LCS

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA010808

Date Analyzed: 01/08/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	11		0.50	23		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
Bromomethane	74-83-9	9.0		0.20	35		0.78
Chloroethane	75-00-3	9.8		0.50	26		1.3
1,1-Dichloroethene	75-35-4	10		0.20	40		0.79
Acetone	67-64-1	12		5.0	29		12
Carbon Disulfide	75-15-0	9.3		0.50	29		1.6
Methylene Chloride	75-09-2	9.7		0.50	34		1.7
trans-1,2-Dichloroethene	156-60-5	9.2		0.20	36		0.79
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.5		0.20	38		0.79
Chloroform	67-66-3	9.3		0.20	45		0.98
1,1,1-Trichloroethane	71-55-6	9.2		0.20	50		1.1
Carbon Tetrachloride	56-23-5	9.3		0.20	59		1.3
Benzene	71-43-2	8.9		0.20	28		0.64
1,2-Dichloroethane	107-06-2	9.1		0.20	37		0.81
Trichloroethene	79-01-6	9.1		0.20	49		1.1
1,2-Dichloropropane	78-87-5	8.9		0.20	41		0.92
Bromodichloromethane	75-27-4	9.7		0.20	65		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	8.5		0.20	32		0.75
trans-1,3-Dichloropropene	10061-02-6	9.1		0.20	41		0.91
1,1,2-Trichloroethane	79-00-5	8.3		0.20	45		1.1
Tetrachloroethene	127-18-4	8.4		0.20	57		1.4
Methyl Butyl Ketone	591-78-6	9.3		0.50	38		2.0
Dibromochloromethane	124-48-1	9.5		0.20	81		1.7
Chlorobenzene	108-90-7	8.4		0.20	39		0.92
Ethylbenzene	100-41-4	8.7		0.20	38		0.87
Xylene (m,p)	1330-20-7	18		0.50	78		2.2
Xylene (o)	95-47-6	8.9		0.20	39		0.87
Styrene	100-42-5	9.7		0.20	41		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA010808LCS

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA010808

Date Analyzed: 01/08/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	9.7		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.3		0.20	64		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA010808LCSD

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA010808

Date Analyzed: 01/08/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Chloromethane	74-87-3	10		0.50	21		1.0
Vinyl Chloride	75-01-4	9.9		0.20	25		0.51
Bromomethane	74-83-9	8.9		0.20	35		0.78
Chloroethane	75-00-3	9.8		0.50	26		1.3
1,1-Dichloroethene	75-35-4	10		0.20	40		0.79
Acetone	67-64-1	11		5.0	26		12
Carbon Disulfide	75-15-0	9.5		0.50	30		1.6
Methylene Chloride	75-09-2	10		0.50	35		1.7
trans-1,2-Dichloroethene	156-60-5	9.3		0.20	37		0.79
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	9.7		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.5		0.20	38		0.79
Chloroform	67-66-3	8.9		0.20	43		0.98
1,1,1-Trichloroethane	71-55-6	8.7		0.20	47		1.1
Carbon Tetrachloride	56-23-5	8.7		0.20	55		1.3
Benzene	71-43-2	9.0		0.20	29		0.64
1,2-Dichloroethane	107-06-2	8.7		0.20	35		0.81
Trichloroethene	79-01-6	9.0		0.20	48		1.1
1,2-Dichloropropane	78-87-5	9.0		0.20	42		0.92
Bromodichloromethane	75-27-4	9.3		0.20	62		1.3
cis-1,3-Dichloropropene	10061-01-5	9.0		0.20	41		0.91
Methyl Isobutyl Ketone	108-10-1	9.4		0.50	39		2.0
Toluene	108-88-3	8.7		0.20	33		0.75
trans-1,3-Dichloropropene	10061-02-6	8.6		0.20	39		0.91
1,1,2-Trichloroethane	79-00-5	8.5		0.20	46		1.1
Tetrachloroethene	127-18-4	8.6		0.20	58		1.4
Methyl Butyl Ketone	591-78-6	9.5		0.50	39		2.0
Dibromochloromethane	124-48-1	9.5		0.20	81		1.7
Chlorobenzene	108-90-7	8.5		0.20	39		0.92
Ethylbenzene	100-41-4	8.2		0.20	36		0.87
Xylene (m,p)	1330-20-7	16		0.50	69		2.2
Xylene (o)	95-47-6	8.2		0.20	36		0.87
Styrene	100-42-5	9.1		0.20	39		0.85

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA010808LCSD

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA010808

Date Analyzed: 01/08/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Bromoform	75-25-2	9.2		0.20	95		2.1
1,1,2,2-Tetrachloroethane	79-34-5	8.5		0.20	58		1.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK010308CA

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0103

Date Analyzed: 01/03/08

Date Received: / /

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

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK010308CA

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0103

Date Analyzed: 01/03/08

Date Received: / /

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

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK010808GA

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0108

Date Analyzed: 01/08/08

Date Received: / /

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

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK010808GA

Lab Name: TAL Burlington

SDG Number: 123559

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0108

Date Analyzed: 01/08/08

Date Received: / /

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

TestAmerica Burlington Data Qualifier Definitions

Organic

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

J: Estimated value.

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

P: SW-846: 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

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4124 (0907)

Client: URS Corporation	Project Manager: Emily Strake (ONS) / Send Invoice to Site Contact	Date: 12-20-2007	Chain of Custody Number: 411580
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 Tanko		
Project Name and Location (State): R+H Philadelphia	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: P.O. = 4501173151 / Quote = 46000985-1			

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
20071220VP-02V3@N	12-20	0820	X				1						X	X	
20071220VP-03V3@N	↓	0802	↓				↓						↓	↓	
20071220VP-04V3@N	↓	0747	↓				↓						↓	↓	
20071220VP-01V2.5@N	↓	1017	↓				↓						↓	↓	
20071220VP-09V2@N	↓	1027	↓				↓						↓	↓	
20071220VP-06V1.5@N	↓	1051	↓				↓						↓	↓	
20071220VP-05V2@N	↓	1256	↓				↓						↓	↓	
20071220VP-12V1.5@N	↓	1304	↓				↓						↓	↓	
20071220VP-13V1.5@N	↓	1344	↓				↓						↓	↓	

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]	12-20-07	1600	1. Received By: [signature] TA	12/20	1600
2. Relinquished By: [signature]	12/20/07	1800	2. Received By: Fed Ex		
3. Relinquished By:			3. Received By: Thomas Jackson	12-21-07	1110

Comments: Please provide CLP-like hard copy deliverable (+Region VEDD), see attachments for summary info.

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

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:** JT Bridge, R. Crispine	NA of NA COCs
Company: URS Corporation	Phone:		
Address: 335 Commerce Dr	Email: emily-stroke@urscorp.com		
City/State/Zip Ft. Washington			
Phone: 215.367.2500	Site Contact: Carl Coker		
FAX: 215.367.1000	STL Contact: Tom Tanko / Don Dowicki		
Project Name: Rohm & Haas Phila	**Analysis Turnaround Time**		
Site: R&H 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)
20071220VP-02V3@N	12-20	0820	1020	30	10		4087						X				X		
20071220VP-03V3@N	↓	0802	0949	30	2		2964						↓				↓		
20071220VP-04V3@N	↓	0747	0947	29	1		3320						↓				↓		
20071220VP-01V2.5@N	↓	1017	1217	29	3		4019						↓				↓		
20071220VP-09V2@N	↓	1027	1210	28	3		4477						↓				↓		
20071220VP-06V1.5@N	↓	1051	1251	29	4		4088						↓				↓		

Temperature (Fahrenheit)

	Interior	Ambient	
Start		35	
Stop		42	

Pressure (inches of Hg)

	Interior	Ambient	
Start		30.00	
Stop		30.01	

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

This is an attachment to the COC shipped with samples on 12-20-2007.

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

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

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

Canister Samples Chain of Custody Record

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

Client Contact Information		Project Manager: Emily Strake (URS)	Samples Collected By: JJ Bridge / R. Crispino	NA of NA COCs
Company: URS Corporation		Phone:		
Address: 335 Commerce Dr		Email: Emily-Strake@URSCORP.COM		
City/State/Zip: Ft. Washington, PA				
Phone: 215.367.2500		Site Contact: Carl Coker		
FAX: 215.367.1900		STL Contact: Tom Tanico / Don Dowicke		
Project Name: Rohm & Haas Phila		Analysis Turnaround Time		
Site: R&H Phila		Standard (Specify)		
PO # 4501173151 / Quote # 46800985-1		Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start (1256)	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID (2512)	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)
20071220VP-05V2@N	12-20	[illegible]	1538	28	2		[illegible]						X				X		
20071220VP-12V1.5@N	↓	[illegible]	1504	30	3		3521						↓				↓		
20071220VP-13V1.5@N	↓	1344	1519	28	1		4157						↓				↓		

Temperature (Fahrenheit)	Interior	Ambient	
Start		35	
Stop		42	

Pressure (inches of Hg)	Interior	Ambient	
Start		30.00	
Stop		30.01	

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

This is an attachment to the COC shipped with samples on 12-20-2007.

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

Lab Use Only Shipper Name: Opened by: Condition:

QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix Spike - Sample No.: CA010308LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chloromethane	10		10	100	70-130
Vinyl Chloride	10		10	100	70-130
Bromomethane	10		8.5	85	70-130
Chloroethane	10		8.6	86	70-130
1,1-Dichloroethene	10		10	100	70-130
Acetone	10		12	120	70-130
Carbon Disulfide	10		9.5	95	70-130
Methylene Chloride	10		11	110	70-130
trans-1,2-Dichloroethen	10		10	100	70-130
1,1-Dichloroethane	10		10	100	70-130
Methyl Ethyl Ketone	10		9.8	98	70-130
cis-1,2-Dichloroethene	10		9.7	97	70-130
Chloroform	10		10	100	70-130
1,1,1-Trichloroethane	10		13	130	70-130
Carbon Tetrachloride	10		13	130	70-130
Benzene	10		9.9	99	70-130
1,2-Dichloroethane	10		13	130	70-130
Trichloroethene	10		11	110	70-130
1,2-Dichloropropane	10		10	100	70-130
Bromodichloromethane	10		12	120	70-130
cis-1,3-Dichloropropene	10		11	110	70-130
Methyl Isobutyl Ketone	10		13	130	70-130
Toluene	10		9.4	94	70-130
trans-1,3-Dichloroprope	10		12	120	70-130
1,1,2-Trichloroethane	10		9.4	94	70-130
Tetrachloroethene	10		9.5	95	70-130
Methyl Butyl Ketone	10		12	120	70-130
Dibromochloromethane	10		11	110	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix Spike - Sample No.: CA010308LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		9.3	93	70-130
Ethylbenzene	10		10	100	70-130
Xylene (m,p)	20		18	90	70-130
Xylene (o)	10		9.1	91	70-130
Styrene	10		11	110	70-130
Bromoform	10		11	110	70-130
1,1,2,2-Tetrachloroetha	10		10	100	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix Spike - Sample No.: CA010308LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloromethane	10	9.1	91	9	25	70-130
Vinyl Chloride	10	9.3	93	7	25	70-130
Bromomethane	10	8.7	87	2	25	70-130
Chloroethane	10	8.7	87	1	25	70-130
1,1-Dichloroethene	10	10	100	0	25	70-130
Acetone	10	12	120	0	25	70-130
Carbon Disulfide	10	9.4	94	1	25	70-130
Methylene Chloride	10	10	100	10	25	70-130
trans-1,2-Dichloroethen	10	9.8	98	2	25	70-130
1,1-Dichloroethane	10	9.9	99	1	25	70-130
Methyl Ethyl Ketone	10	10	100	2	25	70-130
cis-1,2-Dichloroethene	10	9.7	97	0	25	70-130
Chloroform	10	9.9	99	1	25	70-130
1,1,1-Trichloroethane	10	11	110	17	25	70-130
Carbon Tetrachloride	10	11	110	17	25	70-130
Benzene	10	9.7	97	2	25	70-130
1,2-Dichloroethane	10	11	110	17	25	70-130
Trichloroethene	10	10	100	10	25	70-130
1,2-Dichloropropane	10	9.8	98	2	25	70-130
Bromodichloromethane	10	11	110	9	25	70-130
cis-1,3-Dichloropropene	10	11	110	0	25	70-130
Methyl Isobutyl Ketone	10	11	110	17	25	70-130
Toluene	10	9.6	96	2	25	70-130
trans-1,3-Dichloroprope	10	11	110	9	25	70-130
1,1,2-Trichloroethane	10	9.3	93	1	25	70-130
Tetrachloroethene	10	9.5	95	0	25	70-130
Methyl Butyl Ketone	10	11	110	9	25	70-130
Dibromochloromethane	10	10	100	10	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.: 123559

Matrix Spike - Sample No.: CA010308LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10	9.2	92	1	25	70-130
Ethylbenzene	10	10	100	0	25	70-130
Xylene (m,p)	20	18	90	0	25	70-130
Xylene (o)	10	8.7	87	4	25	70-130
Styrene	10	10	100	10	25	70-130
Bromoform	10	10	100	10	25	70-130
1,1,2,2-Tetrachloroetha	10	9.4	94	6	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.: 123559

Matrix Spike - Sample No.: GA010808LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chloromethane	10		11	110	70-130
Vinyl Chloride	10		10	100	70-130
Bromomethane	10		9.0	90	70-130
Chloroethane	10		9.8	98	70-130
1,1-Dichloroethene	10		10	100	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		9.2	92	70-130
1,1-Dichloroethane	10		9.3	93	70-130
Methyl Ethyl Ketone	10		10	100	70-130
cis-1,2-Dichloroethene	10		9.5	95	70-130
Chloroform	10		9.3	93	70-130
1,1,1-Trichloroethane	10		9.2	92	70-130
Carbon Tetrachloride	10		9.3	93	70-130
Benzene	10		8.9	89	70-130
1,2-Dichloroethane	10		9.1	91	70-130
Trichloroethene	10		9.1	91	70-130
1,2-Dichloropropane	10		8.9	89	70-130
Bromodichloromethane	10		9.7	97	70-130
cis-1,3-Dichloropropene	10		8.9	89	70-130
Methyl Isobutyl Ketone	10		9.7	97	70-130
Toluene	10		8.5	85	70-130
trans-1,3-Dichloroprope	10		9.1	91	70-130
1,1,2-Trichloroethane	10		8.3	83	70-130
Tetrachloroethene	10		8.4	84	70-130
Methyl Butyl Ketone	10		9.3	93	70-130
Dibromochloromethane	10		9.5	95	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.: 123559

Matrix Spike - Sample No.: GA010808LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Chlorobenzene	10		8.4	84	70-130
Ethylbenzene	10		8.7	87	70-130
Xylene (m,p)	20		18	90	70-130
Xylene (o)	10		8.9	89	70-130
Styrene	10		9.7	97	70-130
Bromoform	10		9.7	97	70-130
1,1,2,2-Tetrachloroetha	10		9.3	93	70-130

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

* Values outside of QC limits

COMMENTS:

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix Spike - Sample No.: GA010808LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloromethane	10	10	100	10	25	70-130
Vinyl Chloride	10	9.9	99	1	25	70-130
Bromomethane	10	8.9	89	1	25	70-130
Chloroethane	10	9.8	98	0	25	70-130
1,1-Dichloroethene	10	10	100	0	25	70-130
Acetone	10	11	110	9	25	70-130
Carbon Disulfide	10	9.5	95	2	25	70-130
Methylene Chloride	10	10	100	3	25	70-130
trans-1,2-Dichloroethen	10	9.3	93	1	25	70-130
1,1-Dichloroethane	10	9.3	93	0	25	70-130
Methyl Ethyl Ketone	10	9.7	97	3	25	70-130
cis-1,2-Dichloroethene	10	9.5	95	0	25	70-130
Chloroform	10	8.9	89	4	25	70-130
1,1,1-Trichloroethane	10	8.7	87	6	25	70-130
Carbon Tetrachloride	10	8.7	87	7	25	70-130
Benzene	10	9.0	90	1	25	70-130
1,2-Dichloroethane	10	8.7	87	4	25	70-130
Trichloroethene	10	9.0	90	1	25	70-130
1,2-Dichloropropane	10	9.0	90	1	25	70-130
Bromodichloromethane	10	9.3	93	4	25	70-130
cis-1,3-Dichloropropene	10	9.0	90	1	25	70-130
Methyl Isobutyl Ketone	10	9.4	94	3	25	70-130
Toluene	10	8.7	87	2	25	70-130
trans-1,3-Dichloroprope	10	8.6	86	6	25	70-130
1,1,2-Trichloroethane	10	8.5	85	2	25	70-130
Tetrachloroethene	10	8.6	86	2	25	70-130
Methyl Butyl Ketone	10	9.5	95	2	25	70-130
Dibromochloromethane	10	9.5	95	0	25	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix Spike - Sample No.: GA010808LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10	8.5	85	1	25	70-130
Ethylbenzene	10	8.2	82	6	25	70-130
Xylene (m,p)	20	16	80	12	25	70-130
Xylene (o)	10	8.2	82	8	25	70-130
Styrene	10	9.1	91	6	25	70-130
Bromoform	10	9.2	92	5	25	70-130
1,1,2,2-Tetrachloroetha	10	8.5	85	9	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.

MBLK010308CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Lab File ID: CGCB02E Lab Sample ID: MBLK010308CA

Date Analyzed: 01/03/08 Time Analyzed: 1430

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	CA010308LCS	CA010308LCS	CGC10EQ	1248
02	CA010308LCSD	CA010308LCSD	CGC10EQD	1339
03	71220VP-02V3	736420	736420D	2203
04	71220VP-01V2	736423	736423D	0036
05	71220VP-05V2	736426	736426D	0358
06	71220VP-12V1	736427	736427D	0539
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COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK010808GA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Lab File ID: GBSB03S Lab Sample ID: MBLK010808GA

Date Analyzed: 01/08/08 Time Analyzed: 1635

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

Instrument ID: G

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GA010808LCS	GA010808LCS	GBS10SQD	1233
02	GA010808LCSD	GA010808LCSD	GBS10SQ2	1325
03	71220VP-03V3	736421	736421D3	1715
04	71220VP-04V3	736422	736422D2	1806
05	71220VP-06V1	736425	736425D3	1947
06	71220VP-09V2	736424	736424D4	0744
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COMMENTS:

page 1 of 1

FORM IV VOA

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.: 123559

Lab File ID: GBR16PV BFB Injection Date: 12/11/07

Instrument ID: G BFB Injection Time: 0831

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	13.7
75	30.0 - 66.0% of mass 95	49.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	80.1
175	4.0 - 9.0% of mass 174	5.7 (7.1)1
176	93.0 - 101.0% of mass 174	75.5 (94.2)1
177	5.0 - 9.0% of mass 176	5.1 (6.7)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0002	ASTD0002	GBS002V	12/11/07	0930
02	ASTD0005	ASTD0005	GBS005V	12/11/07	1020
03	ASTD005	ASTD005	GBS05V	12/11/07	1110
04	ASTD010	ASTD010	GBS10V	12/11/07	1200
05	ASTD015	ASTD015	GBS15V	12/11/07	1250
06	ASTD020	ASTD020	GBS20V	12/11/07	1340
07	ASTD040	ASTD040	GBS40V	12/11/07	1430
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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.: 123559

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
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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.: 123559

Lab File ID: CGC06PV BFB Injection Date: 01/03/08

Instrument ID: C BFB Injection Time: 0919

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	18.6
75	30.0 - 66.0% of mass 95	53.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	87.4
175	4.0 - 9.0% of mass 174	6.2 (7.1)1
176	93.0 - 101.0% of mass 174	85.0 (97.2)1
177	5.0 - 9.0% of mass 176	5.7 (6.7)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	CGC10EV2	01/03/08	1108
02	CA010308LCS	CA010308LCS	CGC10EQ	01/03/08	1248
03	CA010308LCSD	CA010308LCSD	CGC10EQD	01/03/08	1339
04	MBLK010308CA	MBLK010308CA	CGCB02E	01/03/08	1430
05	71220VP-02V3	736420	736420D	01/03/08	2203
06	71220VP-01V2	736423	736423D	01/04/08	0036
07	71220VP-05V2	736426	736426D	01/04/08	0358
08	71220VP-12V1	736427	736427D	01/04/08	0539
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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.: 123559

Lab File ID: GBS24PV BFB Injection Date: 01/08/08

Instrument ID: G BFB Injection Time: 1004

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.1
75	30.0 - 66.0% of mass 95	52.1
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	0.3 (0.5)1
174	50.0 - 120.0% of mass 95	74.6
175	4.0 - 9.0% of mass 174	5.3 (7.1)1
176	93.0 - 101.0% of mass 174	72.6 (97.3)1
177	5.0 - 9.0% of mass 176	4.7 (6.4)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	GBS10SV	01/08/08	1036
02	GA010808LCS	GA010808LCS	GBS10SQD	01/08/08	1233
03	GA010808LCSD	GA010808LCSD	GBS10SQ2	01/08/08	1325
04	MBLK010808GA	MBLK010808GA	GBSB03S	01/08/08	1635
05	71220VP-03V3	736421	736421D3	01/08/08	1715
06	71220VP-04V3	736422	736422D2	01/08/08	1806
07	71220VP-06V1	736425	736425D3	01/08/08	1947
08	71220VP-09V2	736424	736424D4	01/09/08	0744
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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.: 123559

Lab File ID (Standard): CGC10EV2 Date Analyzed: 01/03/08

Instrument ID: C Time Analyzed: 1108

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	287309	8.98	1158526	9.83	1232900	12.25
	UPPER LIMIT	402233	9.31	1621936	10.16	1726060	12.58
	LOWER LIMIT	172385	8.65	695116	9.50	739740	11.92
	CLIENT SAMPLE NO.						
01	CA010308LCS	224372	8.98	852275	9.83	926980	12.25
02	CA010308LCSD	278027	8.98	1124218	9.83	1153309	12.25
03	MBLK010308CA	247959	8.98	1242188	9.83	922702	12.25
04	71220VP-02V3	228395	8.99	1187613	9.83	1071532	12.25
05	71220VP-01V2	259039	8.98	1282083	9.83	1237919	12.25
06	71220VP-05V2	321481	8.98	1263968	9.83	1368842	12.25
07	71220VP-12V1	257587	8.98	1056194	9.83	1039798	12.25
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

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

page 1 of 1

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Lab File ID (Standard): GBS10SV Date Analyzed: 01/08/08

Instrument ID: G Time Analyzed: 1036

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	254334	8.83	1306373	9.61	1398885	11.92
	UPPER LIMIT	356068	9.16	1828922	9.94	1958439	12.25
	LOWER LIMIT	152600	8.50	783824	9.28	839331	11.59
	CLIENT SAMPLE NO.						
01	GA010808LCS	299574	8.83	1563739	9.61	1603800	11.92
02	GA010808LCSD	350175	8.83	1814416	9.61	1749803	11.92
03	MBLK010808GA	259896	8.82	1370373	9.61	1184229	11.91
04	71220VP-03V3	260815	8.83	1372077	9.61	1350670	11.91
05	71220VP-04V3	263123	8.83	1402912	9.61	1387856	11.92
06	71220VP-06V1	341578	8.83	1823556	9.61	1718575	11.92
07	71220VP-09V2	304499	8.83	1650028	9.61	1661244	11.94
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

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

page 1 of 1

FORM VIII VOA

Supportive Documentation – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-01V2.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736423

Sample wt/vol: 69.00 (g/mL) ML Lab File ID: 736423D

Level: (low/med) LOW Date Received: 12/21/07

% Moisture: not dec. _____ Date Analyzed: 01/04/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 199.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	100	U
75-01-4	Vinyl Chloride	40	U
74-83-9	Bromomethane	40	U
75-00-3	Chloroethane	100	U
75-35-4	1,1-Dichloroethene	40	U
67-64-1	Acetone	1000	U
75-15-0	Carbon Disulfide	100	U
75-09-2	Methylene Chloride	100	U
156-60-5	trans-1,2-Dichloroethene	40	U
75-34-3	1,1-Dichloroethane	40	U
78-93-3	Methyl Ethyl Ketone	100	U
156-59-2	cis-1,2-Dichloroethene	40	U
67-66-3	Chloroform	40	U
71-55-6	1,1,1-Trichloroethane	40	U
56-23-5	Carbon Tetrachloride	40	U
71-43-2	Benzene	40	U
107-06-2	1,2-Dichloroethane	230	
79-01-6	Trichloroethene	40	U
78-87-5	1,2-Dichloropropane	40	U
75-27-4	Bromodichloromethane	40	U
10061-01-5	cis-1,3-Dichloropropene	40	U
108-10-1	Methyl Isobutyl Ketone	100	U
108-88-3	Toluene	1800	
10061-02-6	trans-1,3-Dichloropropene	40	U
79-00-5	1,1,2-Trichloroethane	40	U
127-18-4	Tetrachloroethene	40	U
591-78-6	Methyl Butyl Ketone	100	U
124-48-1	Dibromochloromethane	40	U
108-90-7	Chlorobenzene	40	U
100-41-4	Ethylbenzene	210	
1330-20-7	Xylene (m,p)	290	
95-47-6	Xylene (o)	83	
100-42-5	Styrene	40	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-01V2.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736423

Sample wt/vol: 69.00 (g/mL) ML Lab File ID: 736423D

Level: (low/med) LOW Date Received: 12/21/07

% Moisture: not dec. _____ Date Analyzed: 01/04/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 199.0

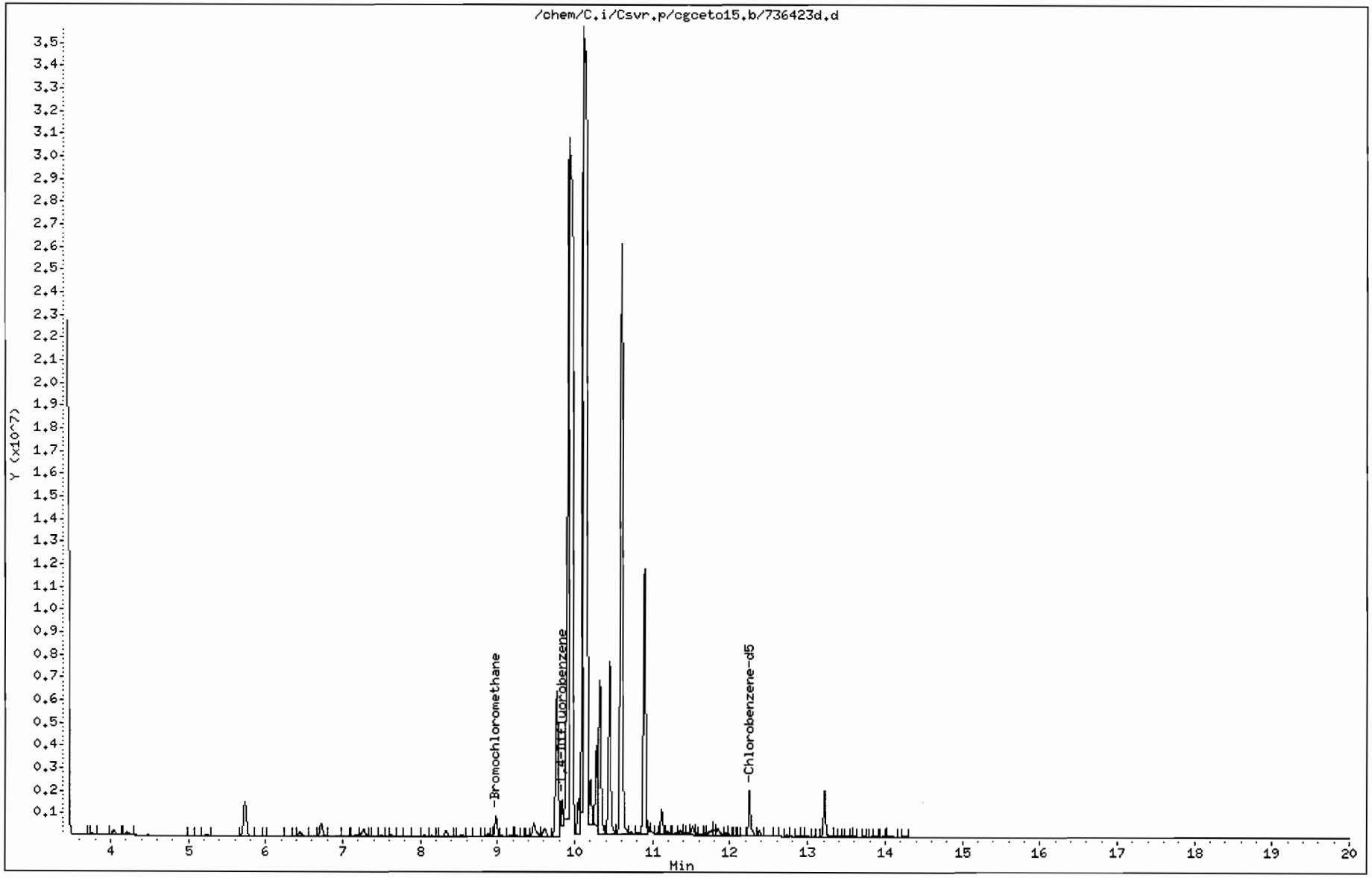
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	40	U
79-34-5	1,1,2,2-Tetrachloroethane	40	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgceto15.b/736423d.d
Date : 04-JAN-2008 00:36
Client ID: 71220VP-01V2.5N
Sample Info: 20071220VP-01V2.5@N :[ ]12/20/07 @1017(AIR)
Purge Volume: 69.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgceto15.b/736423d.d
Lab Smp Id: 736423 Client Smp ID: 71220VP-01V2.5N
Inj Date : 04-JAN-2008 00:36
Operator : wrd Inst ID: C.i
Smp Info : 20071220VP-01V2.5@N :[ ]12/20/07 @1017(AIR)
Misc Info : 736423;010308CA;199;69;cdf68.6
Comment :
Method : /chem/C.i/Csvr.p/cgceto15.b/rto15.m
Meth Date : 09-Jan-2008 12:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 14
Dil Factor: 199.00000
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	199.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	69.00000	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)	259039	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	(0.975)	54426	1.15680	230(M)
* 35 1,4-Difluorobenzene	114	9.834	9.839	(1.000)	1282083	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)	478140	9.06266 ✓	1800
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	12.251	12.252	(1.000)	1237919	10.0000	
51 Chlorobenzene	112	Compound Not Detected.					
52 Ethylbenzene	91	12.289	12.294	(1.003)	123662	1.03221	210
53 Xylene (m,p)	106	12.374	12.380	(1.010)	73128	1.43898	290
54 Xylene (o)	106	12.732	12.726	(1.039)	20853	0.41550	83
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

M - Compound response manually integrated.

Data File: /chem/C.i/Csvr.p/cgcetoi5.b/736423d.d

Date : 04-JAN-2008 00:36

Client ID: 71220VP-01V2.5N

Instrument: C.i

Sample Info: 20071220VP-01V2.5@N :[ ]12/20/07 @1017(AIR)

Purge Volume: 69.0

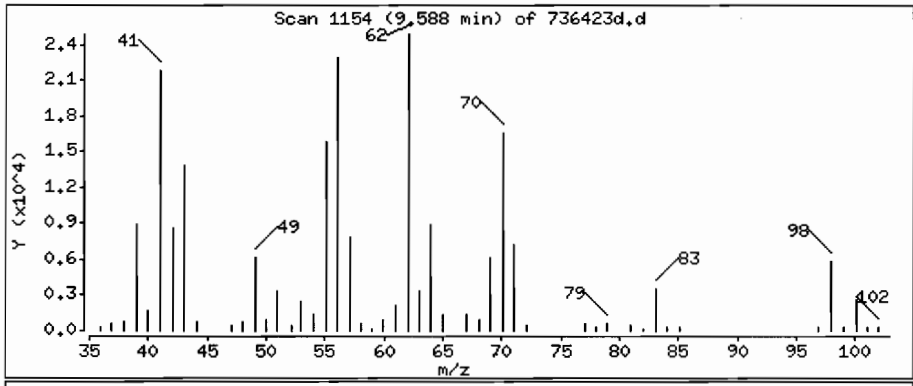
Operator: wrd

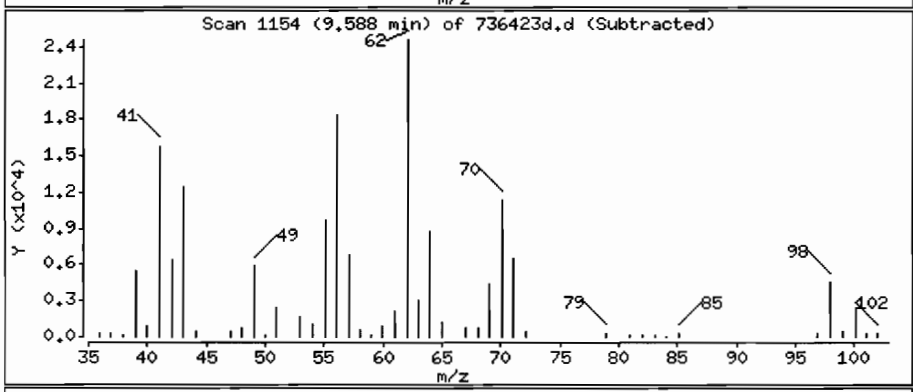
Column phase: RTX-624

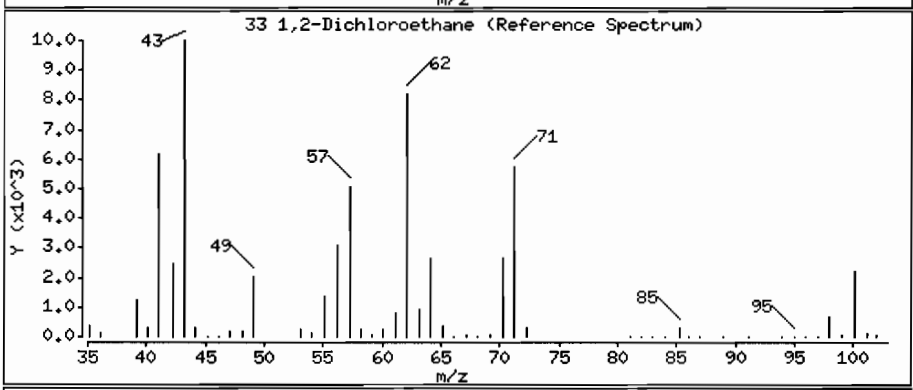
Column diameter: 0.32

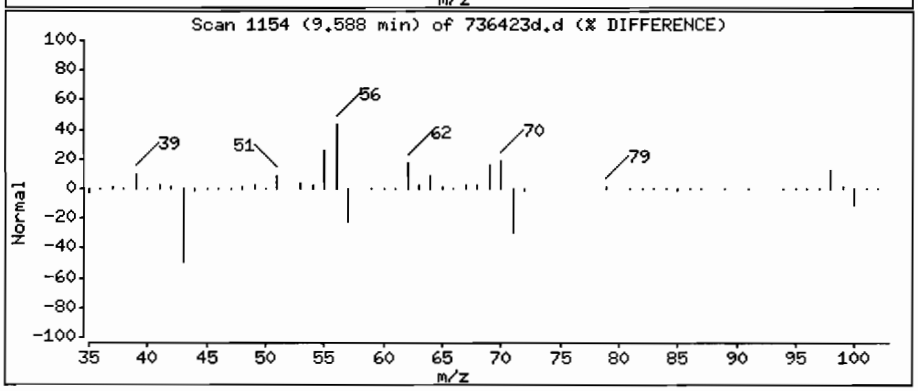
33 1,2-Dichloroethane

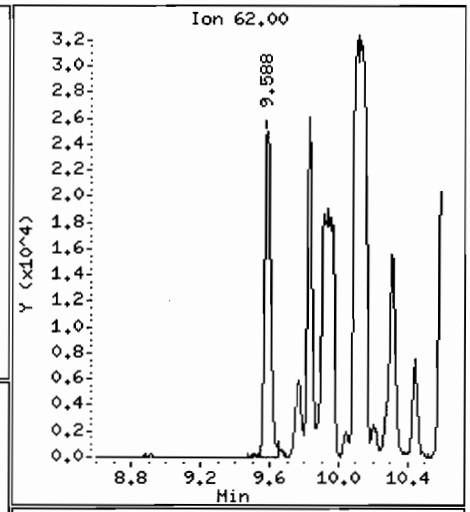
Concentration: 230 ppbv

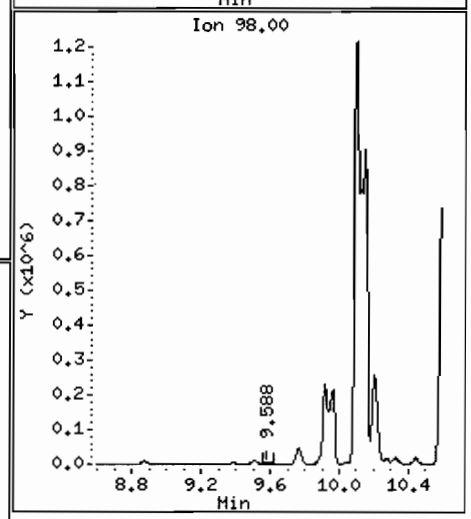












Data File: /chem/C.i/Csvr.p/cgceto15.b/736423d.d

Date : 04-JAN-2008 00:36

Client ID: 71220VP-01V2.5N

Instrument: C.i

Sample Info: 20071220VP-01V2.5@N :[ ]12/20/07 @1017(AIR)

Purge Volume: 69.0

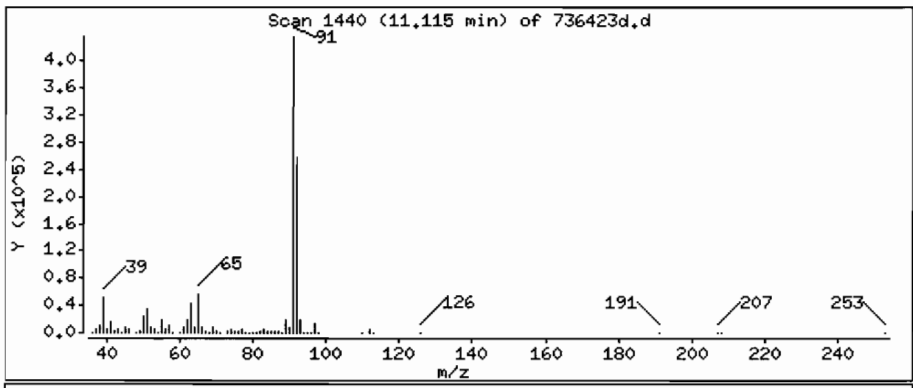
Operator: wrd

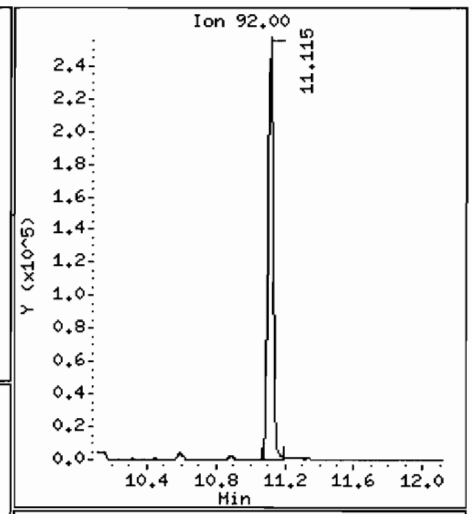
Column phase: RTX-624

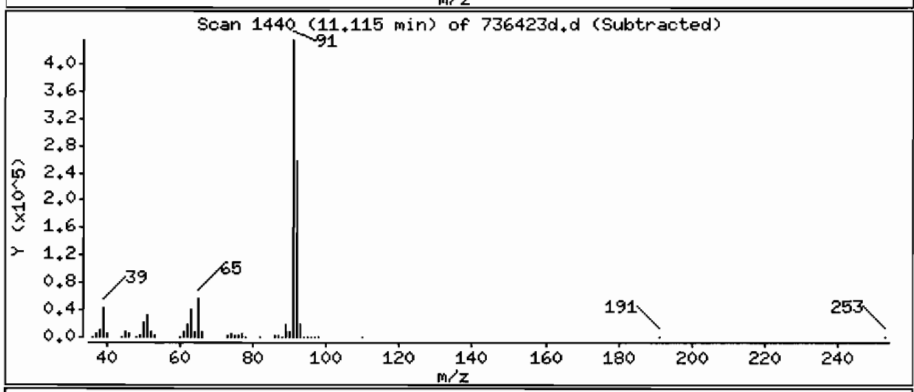
Column diameter: 0.32

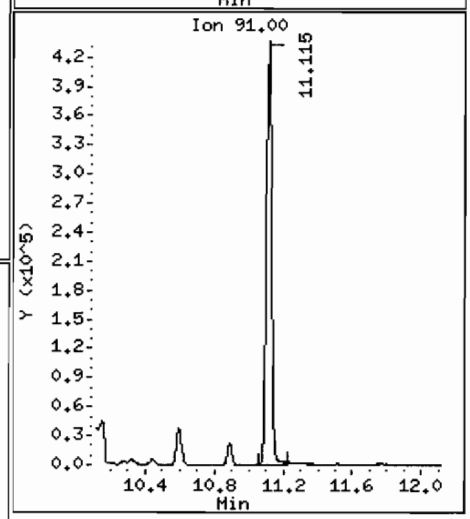
43 Toluene

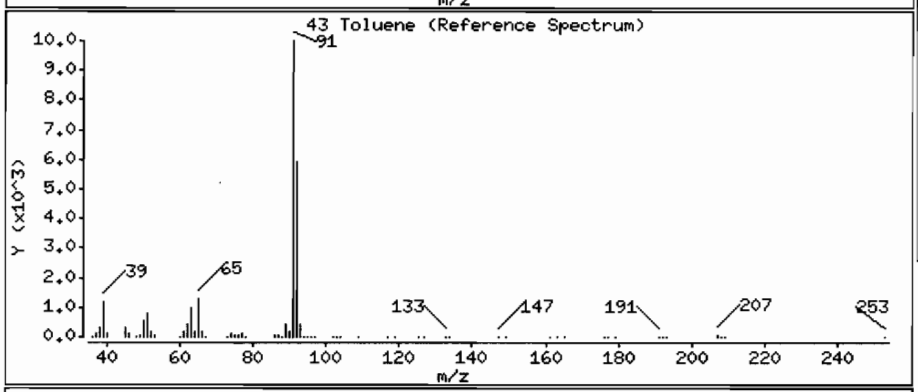
Concentration: 1800 ppbv

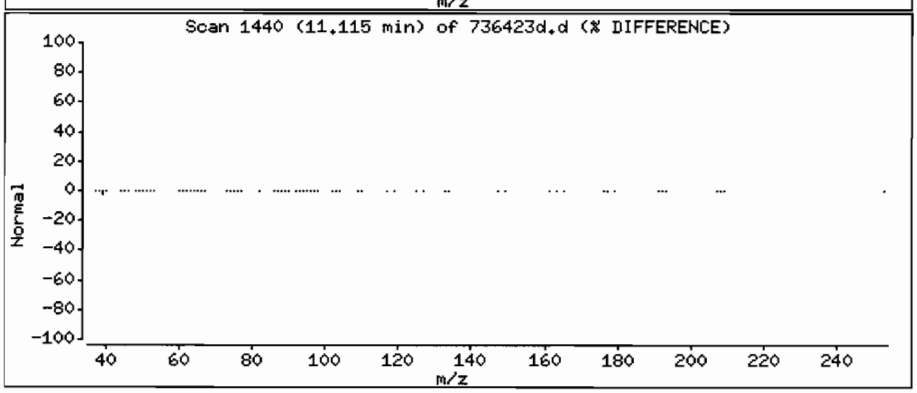












Data File: /chem/C.i/Csvr.p/cgcetoi5.b/736423d.d

Date : 04-JAN-2008 00:36

Client ID: 71220VP-01V2.5N

Instrument: C.i

Sample Info: 20071220VP-01V2.5@N :[ ]12/20/07 @1017(AIR)

Purge Volume: 69.0

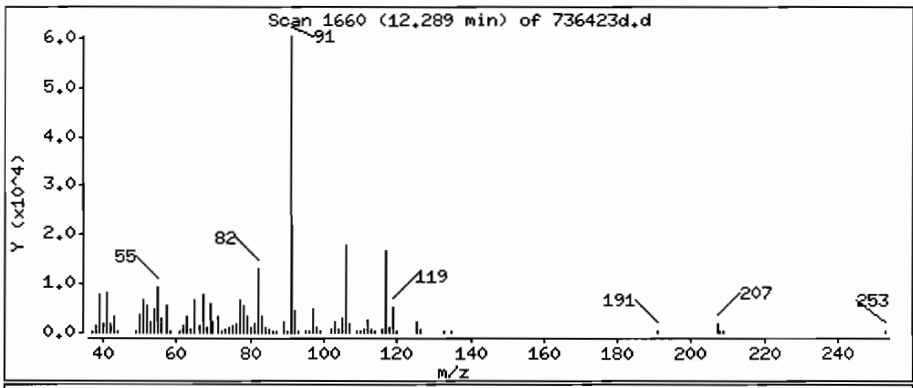
Operator: wrd

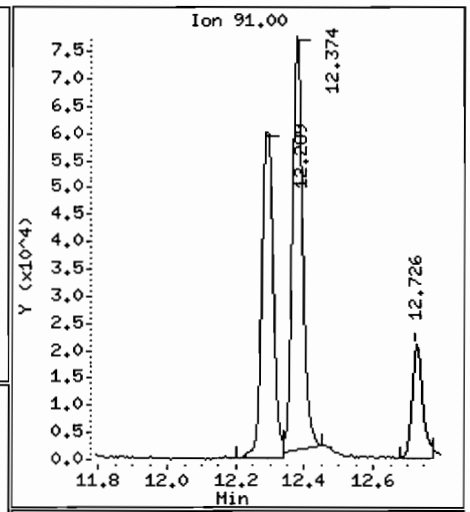
Column phase: RTX-624

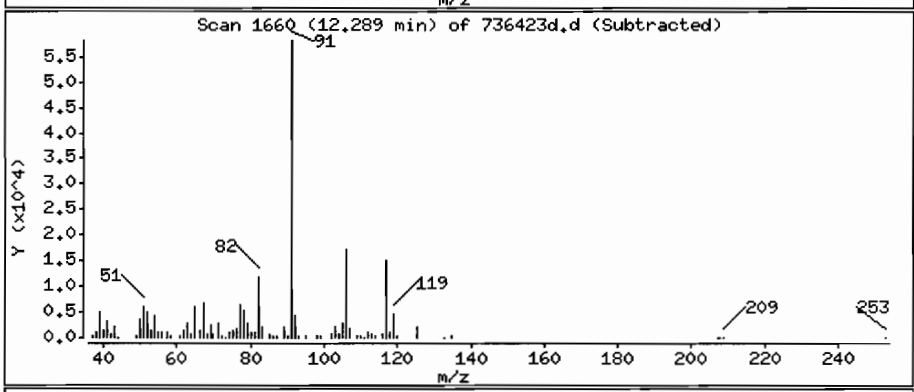
Column diameter: 0.32

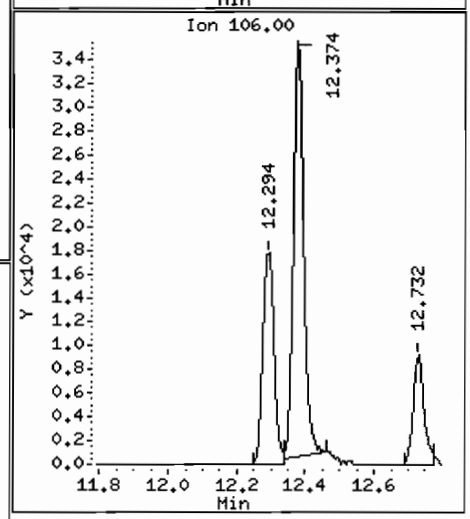
52 Ethylbenzene

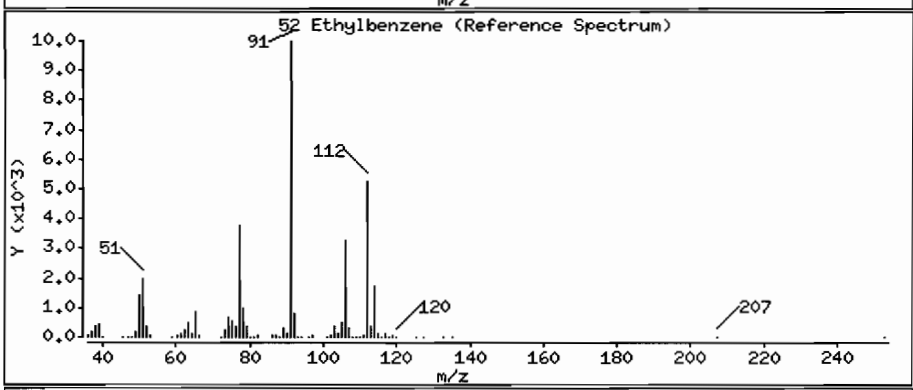
Concentration: 210 ppbv

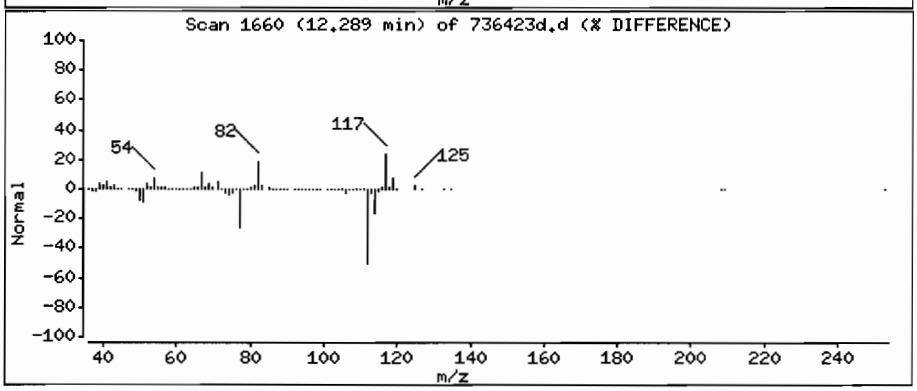












Data File: /chem/C.i/Csvr.p/cgcetc15.b/736423d.d

Date : 04-JAN-2008 00:36

Client ID: 71220VP-01V2.5N

Instrument: C.i

Sample Info: 20071220VP-01V2.5@N :[ ]12/20/07 @1017(AIR)

Purge Volume: 69.0

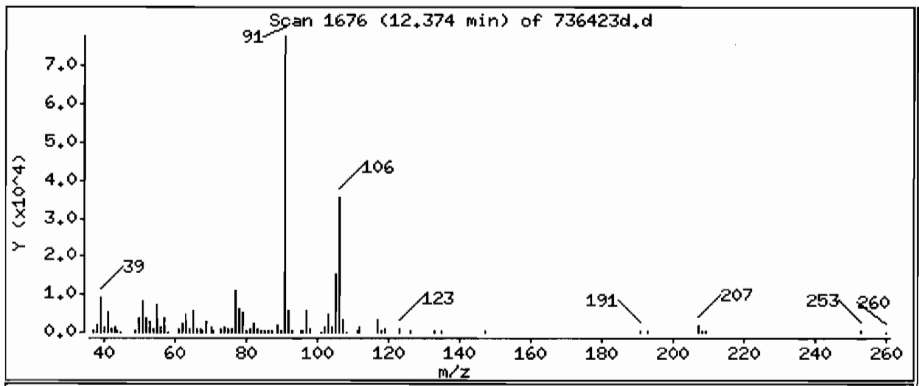
Operator: wrd

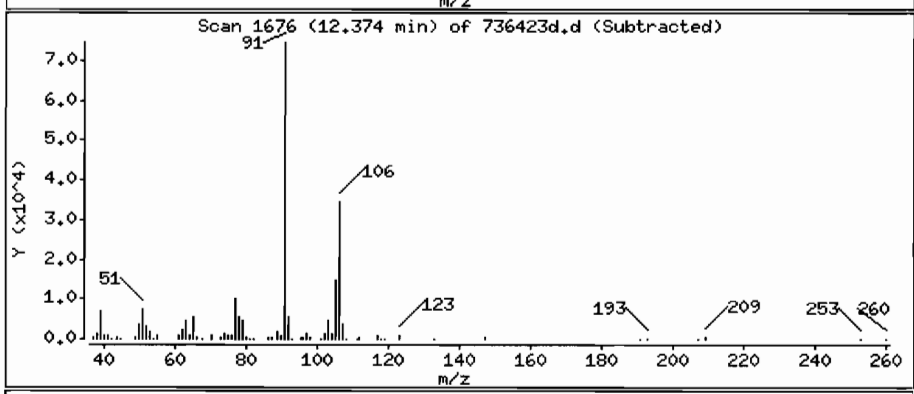
Column phase: RTX-624

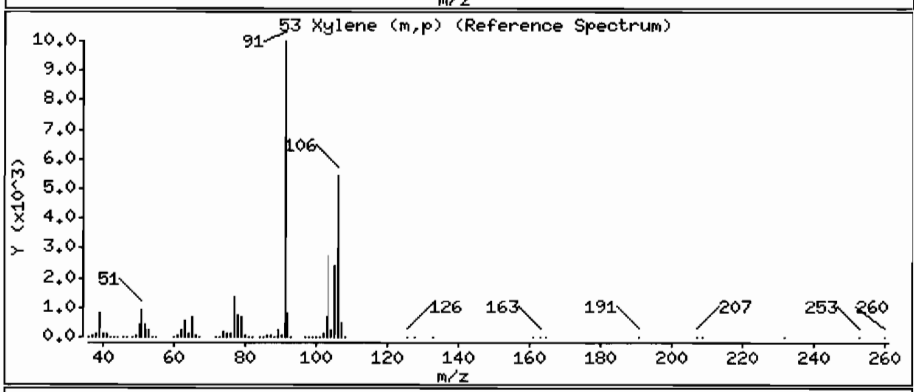
Column diameter: 0.32

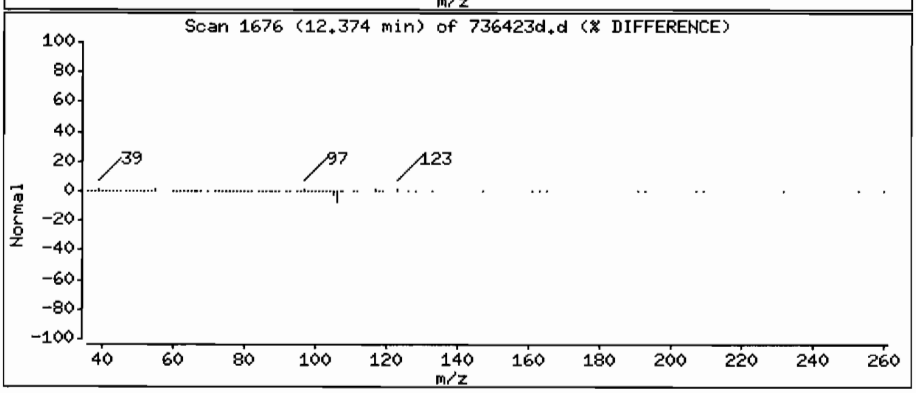
53 Xylene (m,p)

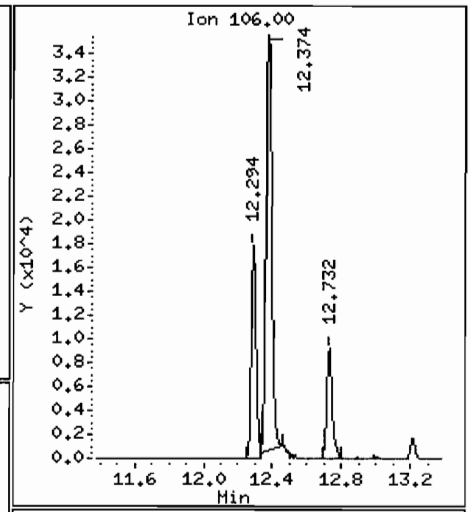
Concentration: 290 ppbv

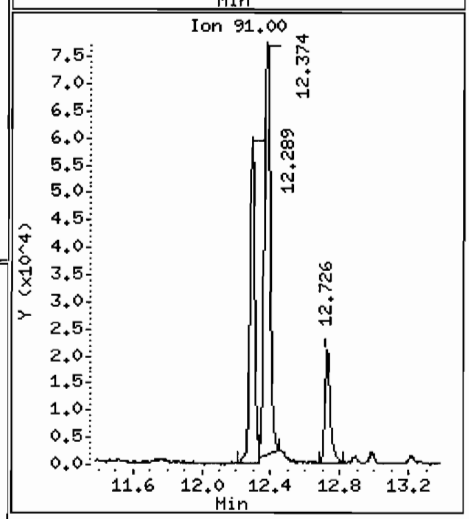












Data File: /chem/C.i/Csvr.p/cgceto15.b/736423d.d

Date : 04-JAN-2008 00:36

Client ID: 71220VP-01V2.5N

Instrument: C.i

Sample Info: 20071220VP-01V2.5@N :[J12/20/07 @1017(AIR)

Purge Volume: 69.0

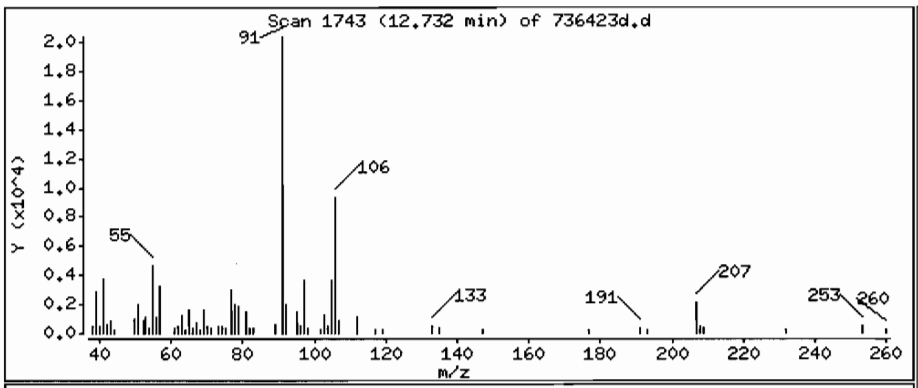
Operator: wrd

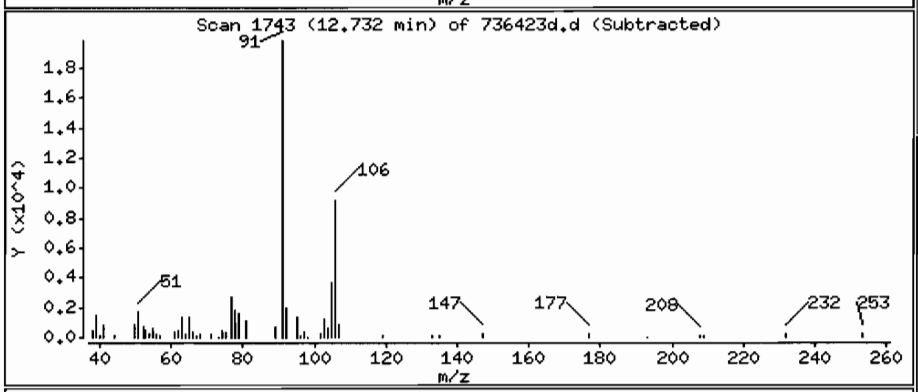
Column phase: RTX-624

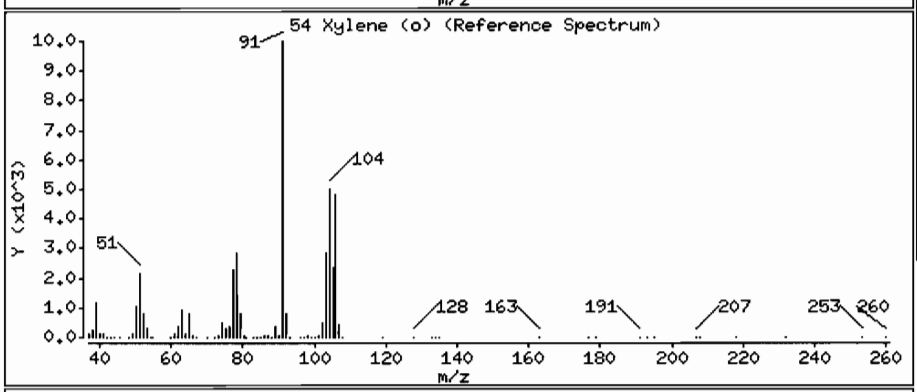
Column diameter: 0.32

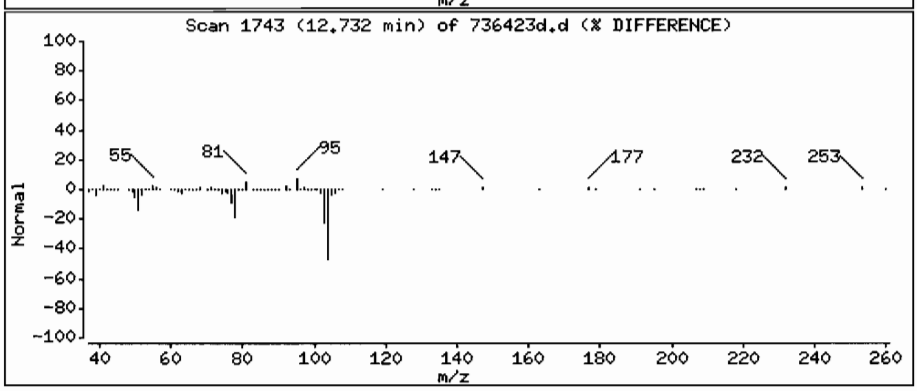
54 Xylene (o)

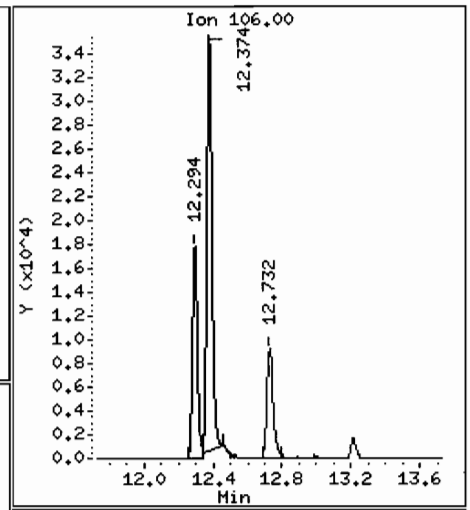
Concentration: 83 ppbv

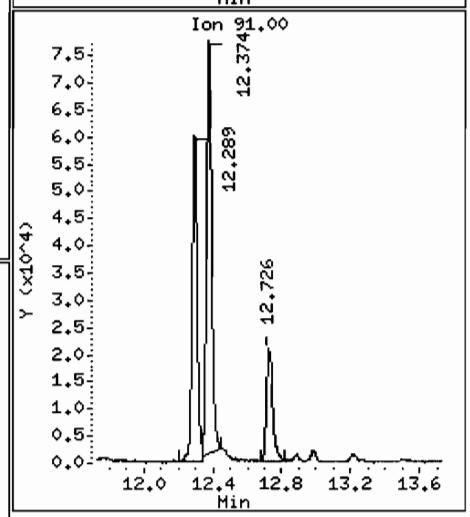










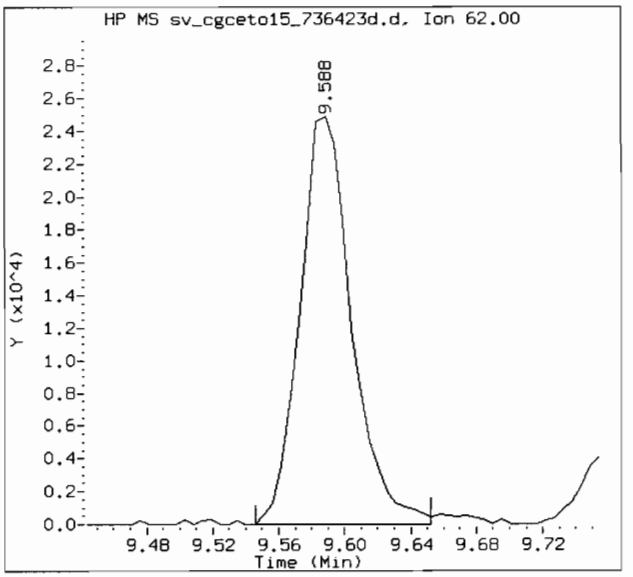


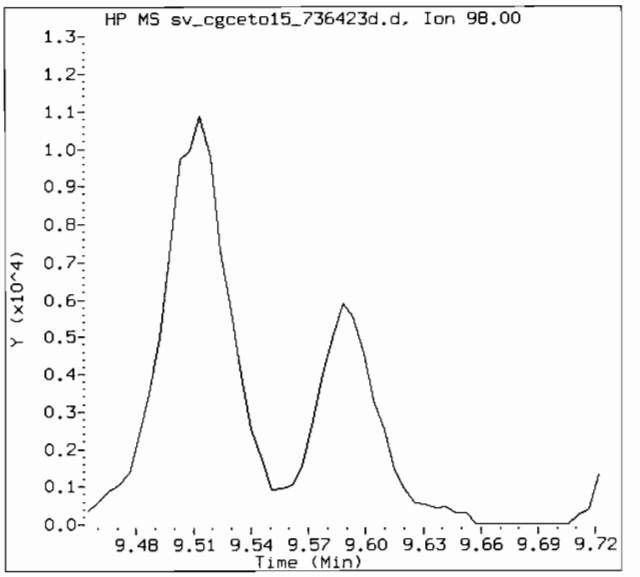
MANUAL INTEGRATION REPORT

Data File Name: 736423d.d
Client Sample ID: 71220VP-01V2.5N
Compound Name: 1,2-Dichloroethane

Inj. Date and Time: 04-JAN-2008 00:36
Instrument ID: C.i
CAS #: 107-06-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 01/09/2008 12:58

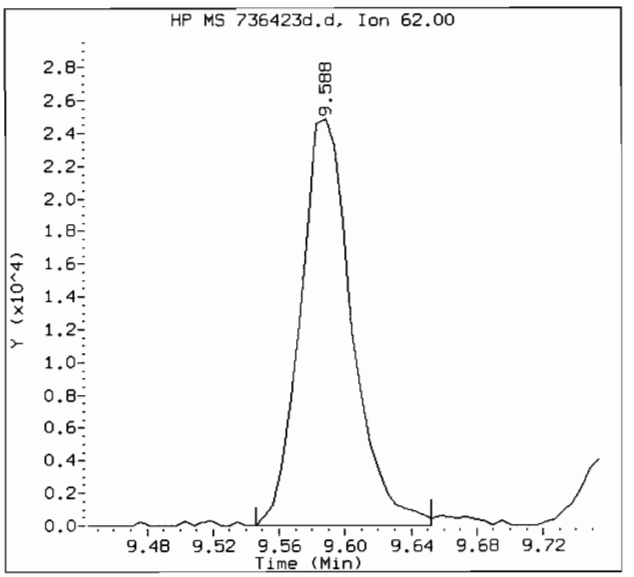


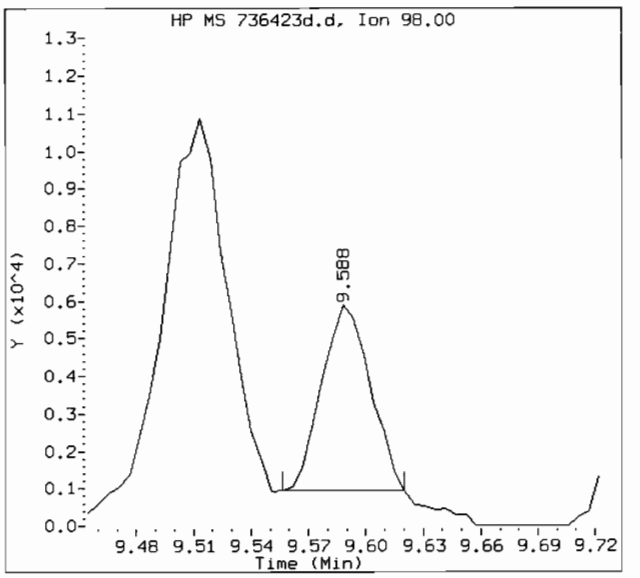


Original Integrations:

Area = 54426

Area = 485745





Final Integrations:

Area = 54426

Area = 8697

Manual Integration Reason: MI3 - Mis-identification of peak

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-02V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736420

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 736420D

Level: (low/med) LOW Date Received: 12/21/07

% Moisture: not dec. _____ Date Analyzed: 01/03/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 83400.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	42000	U
75-01-4	Vinyl Chloride	17000	U
74-83-9	Bromomethane	17000	U
75-00-3	Chloroethane	42000	U
75-35-4	1,1-Dichloroethene	17000	U
67-64-1	Acetone	420000	U
75-15-0	Carbon Disulfide	42000	U
75-09-2	Methylene Chloride	42000	U
156-60-5	trans-1,2-Dichloroethene	17000	U
75-34-3	1,1-Dichloroethane	17000	U
78-93-3	Methyl Ethyl Ketone	42000	U
156-59-2	cis-1,2-Dichloroethene	17000	U
67-66-3	Chloroform	17000	U
71-55-6	1,1,1-Trichloroethane	17000	U
56-23-5	Carbon Tetrachloride	17000	U
71-43-2	Benzene	17000	U
107-06-2	1,2-Dichloroethane	17000	U
79-01-6	Trichloroethene	17000	U
78-87-5	1,2-Dichloropropane	17000	U
75-27-4	Bromodichloromethane	17000	U
10061-01-5	cis-1,3-Dichloropropene	17000	U
108-10-1	Methyl Isobutyl Ketone	42000	U
108-88-3	Toluene	2300000	
10061-02-6	trans-1,3-Dichloropropene	17000	U
79-00-5	1,1,2-Trichloroethane	17000	U
127-18-4	Tetrachloroethene	17000	U
591-78-6	Methyl Butyl Ketone	42000	U
124-48-1	Dibromochloromethane	17000	U
108-90-7	Chlorobenzene	17000	U
100-41-4	Ethylbenzene	17000	
1330-20-7	Xylene (m,p)	42000	U
95-47-6	Xylene (o)	17000	U
100-42-5	Styrene	17000	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-02V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736420

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 736420D

Level: (low/med) LOW Date Received: 12/21/07

% Moisture: not dec. _____ Date Analyzed: 01/03/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 83400.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	17000	U
79-34-5	1,1,2,2-Tetrachloroethane	17000	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgceto15.b/736420d.d

Page 3

Date : 03-JAN-2008 22:03

Client ID: 71220VP-02V3N

Instrument: C.i

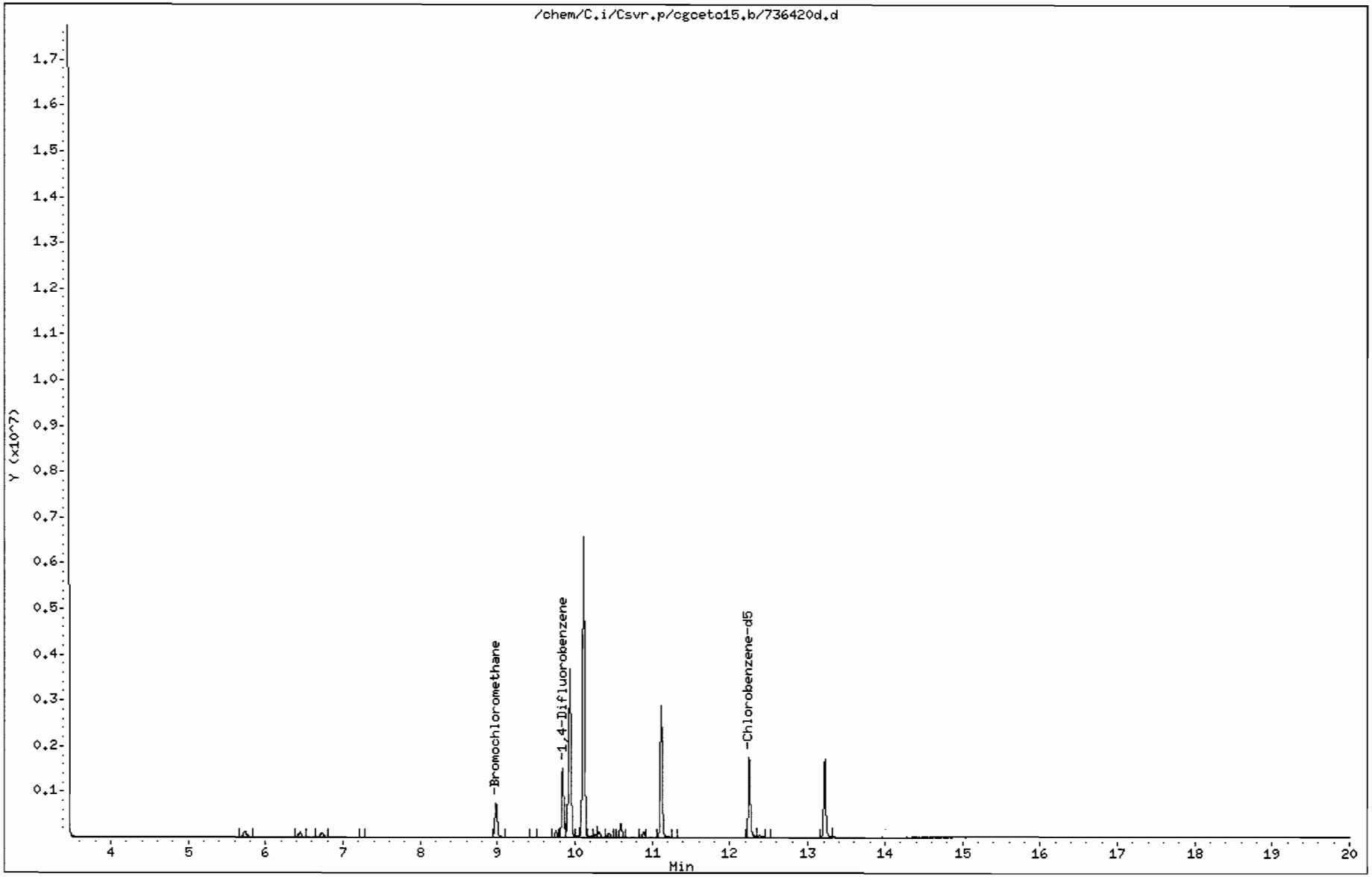
Sample Info: 20071220VP-02V3@N :[J12/20/07 @0820(AIR)

Purge Volume: 10.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgceto15.b/736420d.d
Lab Smp Id: 736420 Client Smp ID: 71220VP-02V3N
Inj Date : 03-JAN-2008 22:03
Operator : wrd Inst ID: C.i
Smp Info : 20071220VP-02V3@N :[ ]12/20/07 @0820(AIR)
Misc Info : 736420;010308CA;83400;10;cdf4170
Comment :
Method : /chem/C.i/Csvr.p/cgceto15.b/rto15.m
Meth Date : 09-Jan-2008 12:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 11
Dil Factor: 83400.00000
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	83400.00000	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	8.986	8.985	(1.000)	228395	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)	1187613	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	11.110	11.115	(0.907)	1250855	27.3902	2300000
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	12.246	12.252	(1.000)	1071532	10.0000	
51 Chlorobenzene	112	Compound Not Detected.					
52 Ethylbenzene	91	12.294	12.294	(1.004)	21119	0.20365	17000
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/cgceto15.b/736420d.d

Date : 03-JAN-2008 22:03

Client ID: 71220VP-02V3N

Instrument: C.i

Sample Info: 20071220VP-02V3@N :[ ]12/20/07 @0820(AIR)

Purge Volume: 10.0

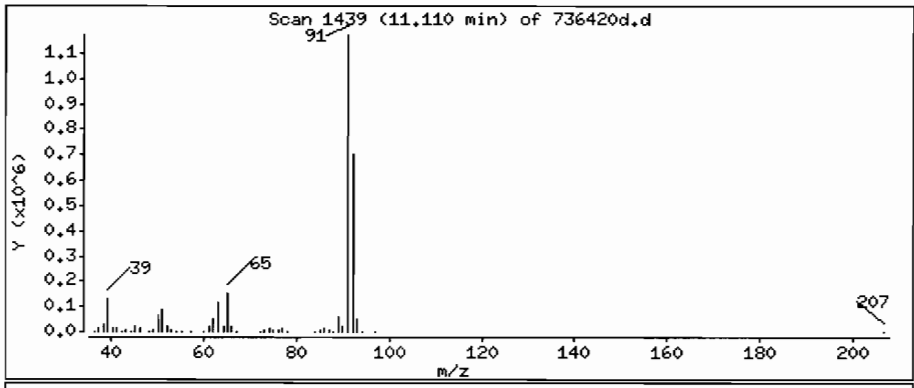
Operator: wrd

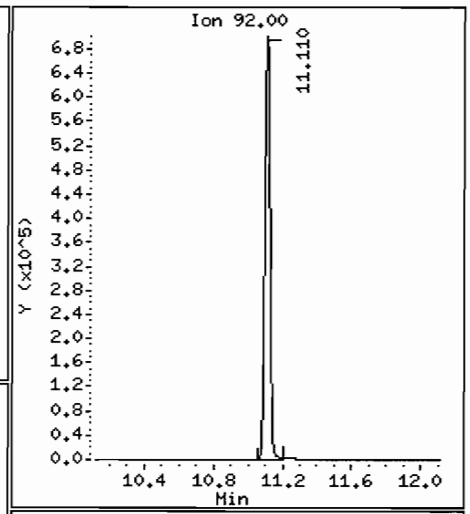
Column phase: RTX-624

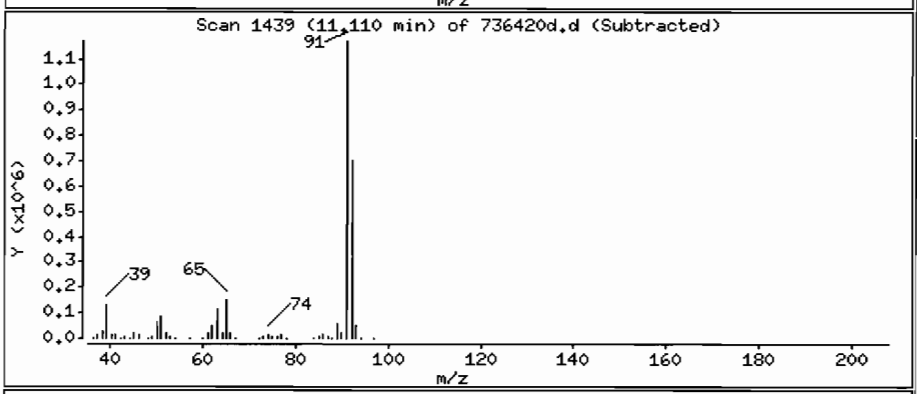
Column diameter: 0.32

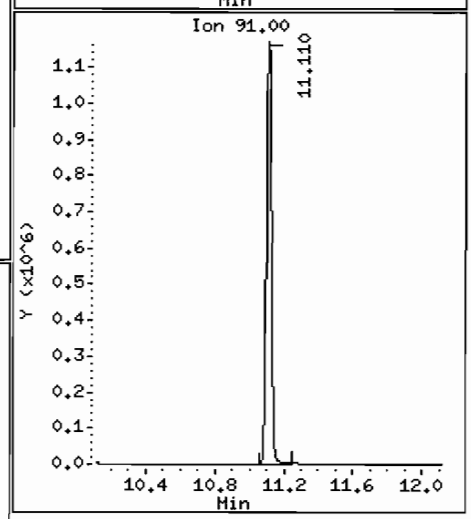
43 Toluene

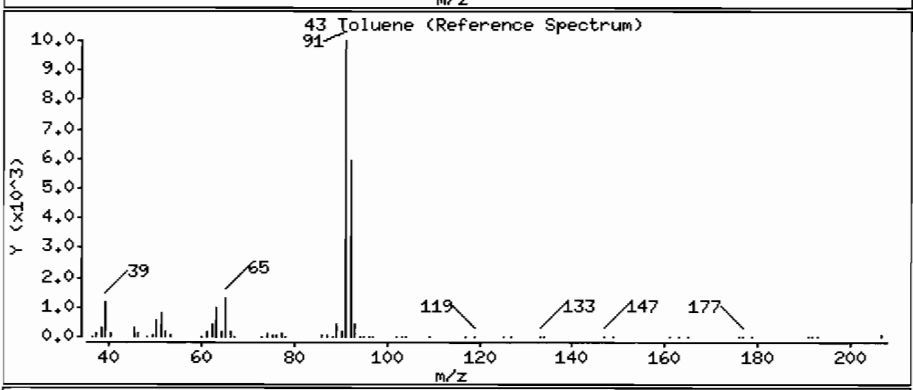
Concentration: 2300000 ppbv

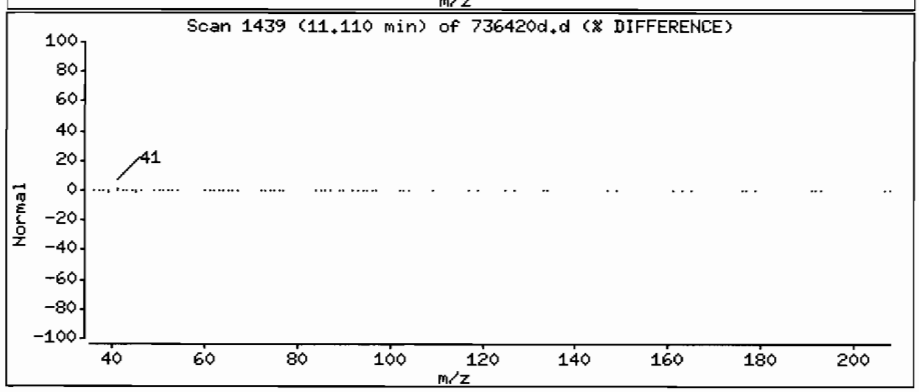












Data File: /chem/C.i/Csvr.p/cgceto15.b/736420d.d

Date : 03-JAN-2008 22:03

Client ID: 71220VP-02V3N

Instrument: C.i

Sample Info: 20071220VP-02V3@N :[J12/20/07 @0820(AIR)

Purge Volume: 10.0

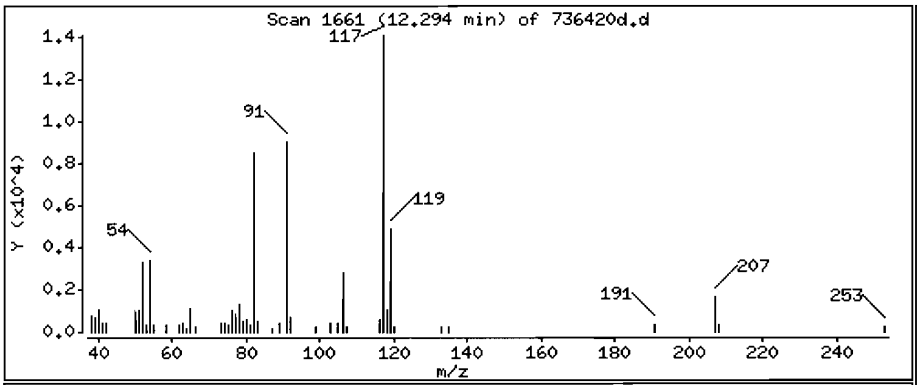
Operator: wrd

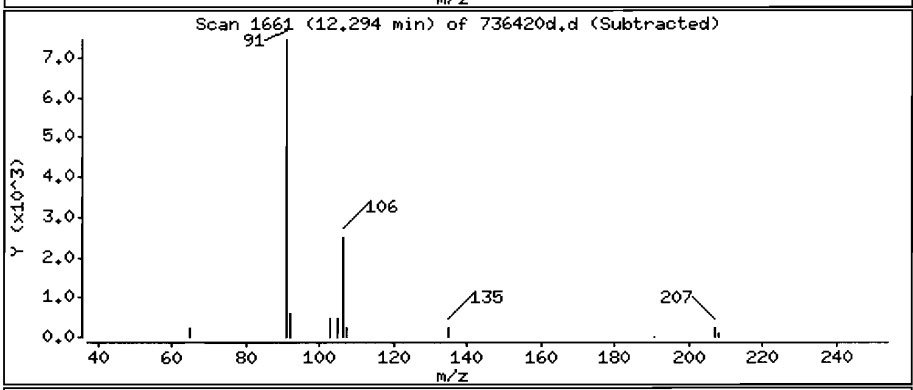
Column phase: RTX-624

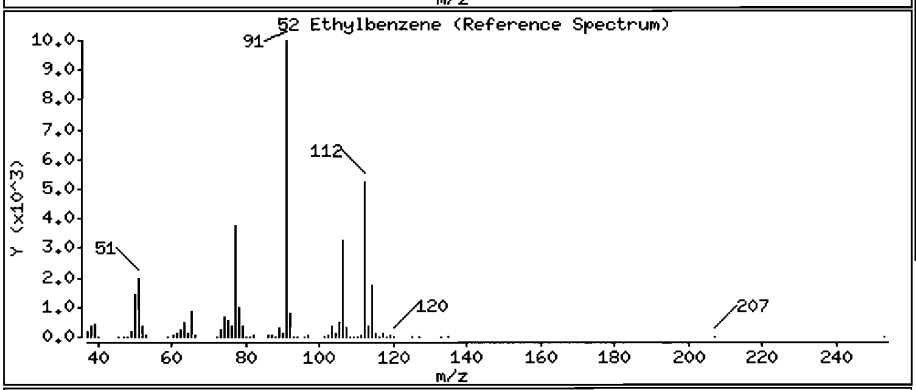
Column diameter: 0.32

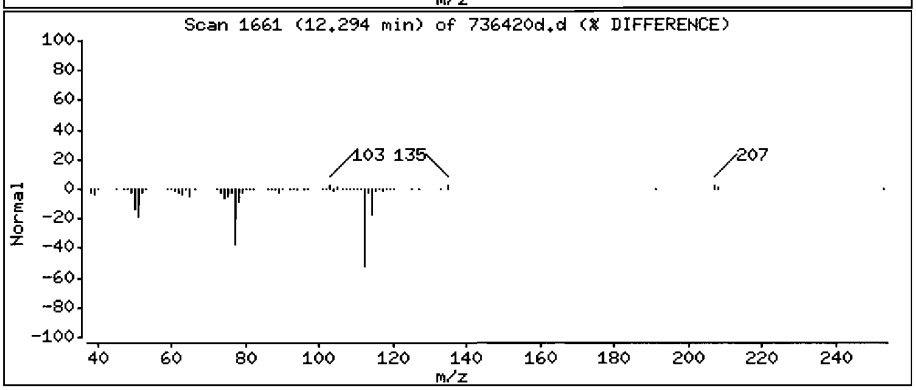
52 Ethylbenzene

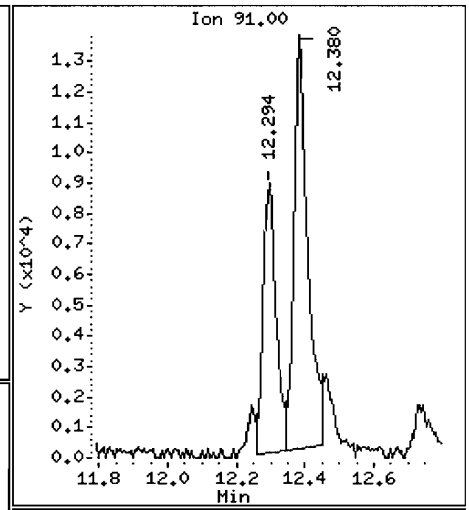
Concentration: 17000 ppbv

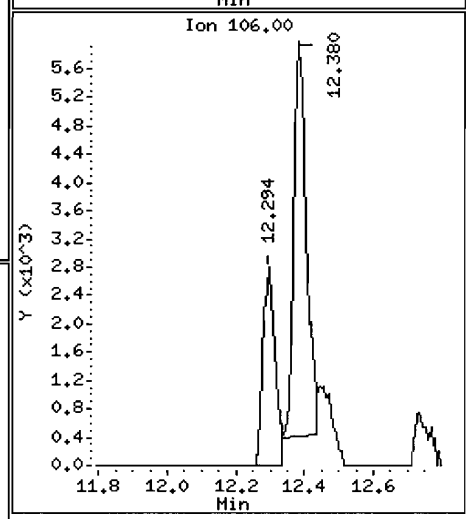












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-03V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736421

Sample wt/vol: 43.00 (g/mL) ML Lab File ID: 736421D3

Level: (low/med) LOW Date Received: 12/21/07

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

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 55800.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	28000	U
75-01-4	Vinyl Chloride	16000	
74-83-9	Bromomethane	11000	U
75-00-3	Chloroethane	28000	U
75-35-4	1,1-Dichloroethene	11000	U
67-64-1	Acetone	280000	U
75-15-0	Carbon Disulfide	28000	U
75-09-2	Methylene Chloride	28000	U
156-60-5	trans-1,2-Dichloroethene	11000	U
75-34-3	1,1-Dichloroethane	11000	U
78-93-3	Methyl Ethyl Ketone	28000	U
156-59-2	cis-1,2-Dichloroethene	11000	U
67-66-3	Chloroform	11000	U
71-55-6	1,1,1-Trichloroethane	11000	U
56-23-5	Carbon Tetrachloride	11000	U
71-43-2	Benzene	11000	U
107-06-2	1,2-Dichloroethane	11000	U
79-01-6	Trichloroethene	11000	U
78-87-5	1,2-Dichloropropane	11000	U
75-27-4	Bromodichloromethane	11000	U
10061-01-5	cis-1,3-Dichloropropene	11000	U
108-10-1	Methyl Isobutyl Ketone	28000	U
108-88-3	Toluene	1200000	
10061-02-6	trans-1,3-Dichloropropene	11000	U
79-00-5	1,1,2-Trichloroethane	11000	U
127-18-4	Tetrachloroethene	11000	U
591-78-6	Methyl Butyl Ketone	28000	U
124-48-1	Dibromochloromethane	11000	U
108-90-7	Chlorobenzene	11000	U
100-41-4	Ethylbenzene	12000	
1330-20-7	Xylene (m,p)	34000	
95-47-6	Xylene (o)	11000	U
100-42-5	Styrene	11000	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-03V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736421

Sample wt/vol: 43.00 (g/mL) ML Lab File ID: 736421D3

Level: (low/med) LOW Date Received: 12/21/07

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

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 55800.0

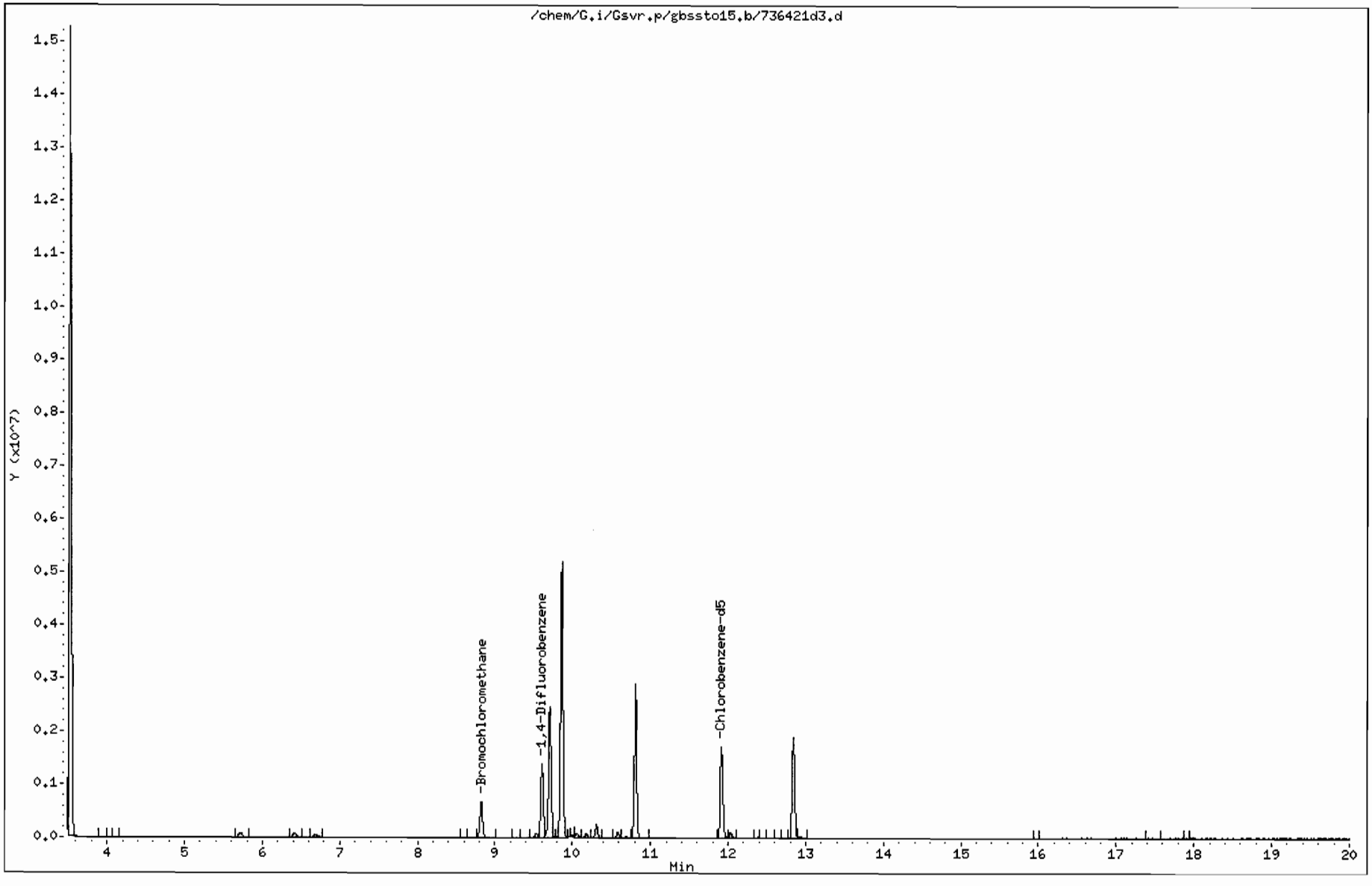
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	11000	U
79-34-5	1,1,2,2-Tetrachloroethane	11000	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gbssto15.b/736421d3.d
Date : 08-JAN-2008 17:15
Client ID: 71220VP-03V3N
Sample Info: 20071220VP-03V3@N ;[ ]12/20/07 @0802(AIR)
Purge Volume: 43.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbssto15.b/736421d3.d
Lab Smp Id: 736421 Client Smp ID: 71220VP-03V3N
Inj Date : 08-JAN-2008 17:15
Operator : wrd Inst ID: G.i
Smp Info : 20071220VP-03V3@N :[ ]12/20/07 @0802(AIR)
Misc Info : 736421;010808GA;55800;43;cdf11995
Comment :
Method : /chem/G.i/Gsvr.p/gbssto15.b/rto15.m
Meth Date : 09-Jan-2008 14:00 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 14:30 Cal File: gbs40v.d
Als bottle: 1
Dil Factor: 55800.00000
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	55800.00000 ✓	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	43.00000	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	4.177	4.182	(0.473)	5350	0.28924	16000
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	8.826	8.842	(1.000)	260815	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	9.607	9.623	(1.000)	1372077	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	10.805	10.821	(0.907)	1529579	20.7108	1200000
	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	11.913	11.929	(1.000)	1350670	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	11.950	11.961	(1.003)	37513	0.21985	12000
	53 Xylene (m,p)	106	12.036	12.046	(1.010)	37422	0.60939	34000
	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/G.i/Gsvr.p/gbssto15.b/736421d3.d

Date : 08-JAN-2008 17:15

Client ID: 71220VP-03V3N

Instrument: G.i

Sample Info: 20071220VP-03V3@N :[ ]12/20/07 @0802(AIR)

Purge Volume: 43.0

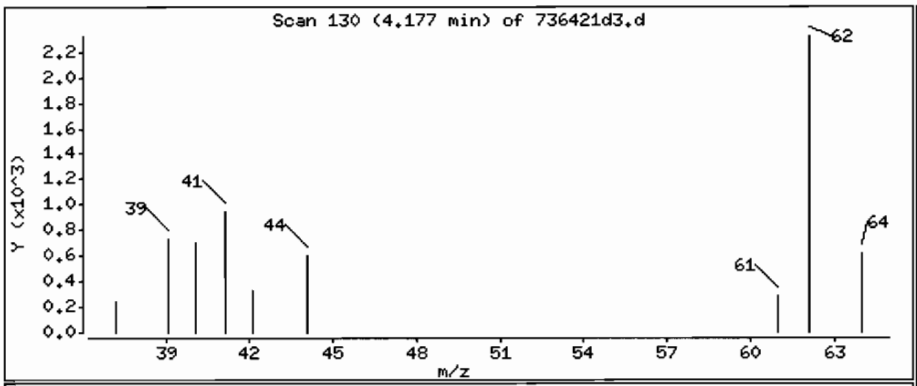
Operator: wrd

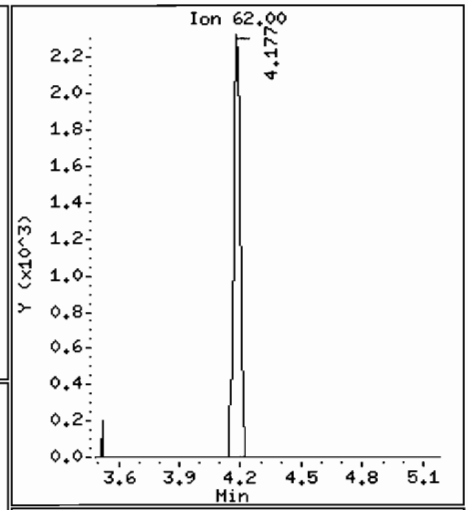
Column phase: RTX-624

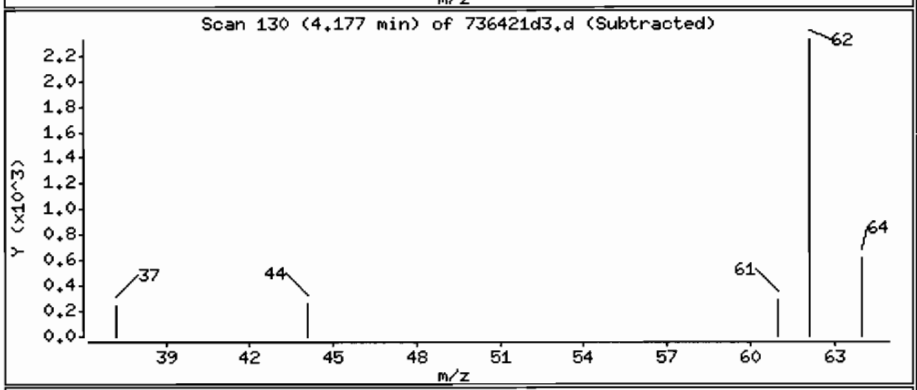
Column diameter: 0.32

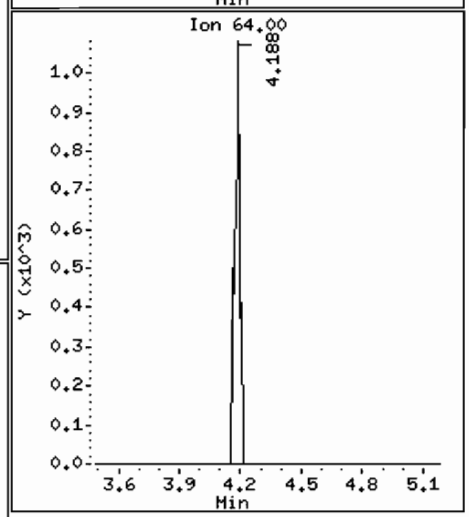
4 Vinyl Chloride

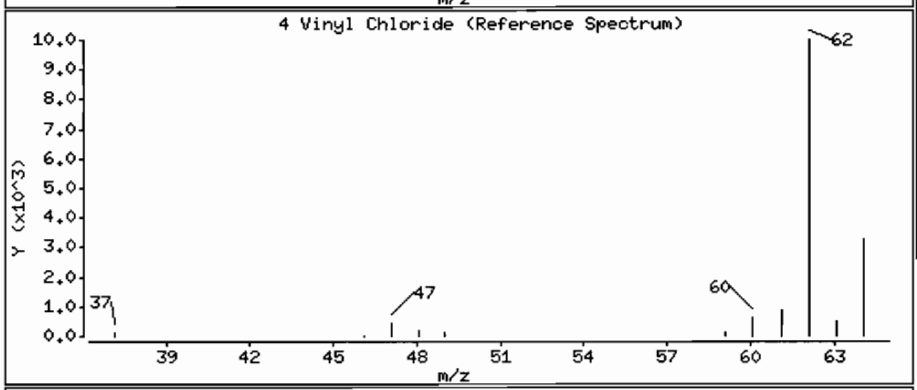
Concentration: 16000 ppbv

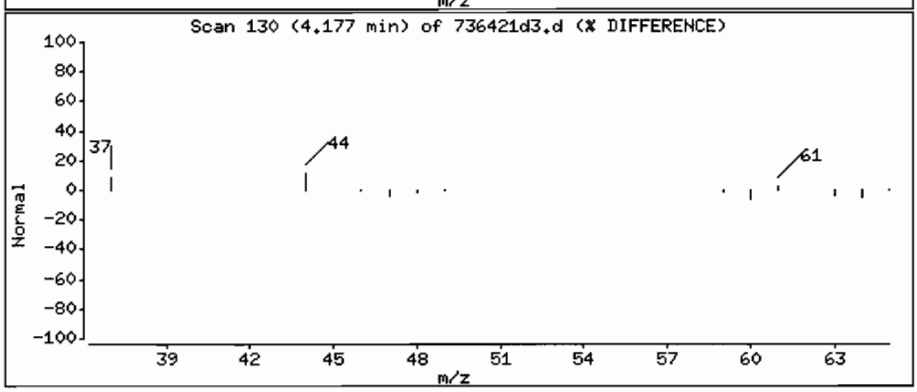












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736421d3.d

Date : 08-JAN-2008 17:15

Client ID: 71220VP-03V3N

Instrument: G.i

Sample Info: 20071220VP-03V3@N :[ ]12/20/07 @0802(AIR)

Purge Volume: 43.0

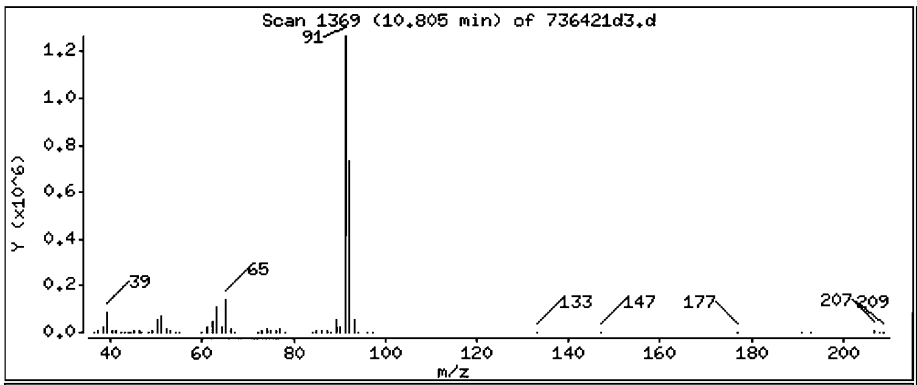
Operator: wrd

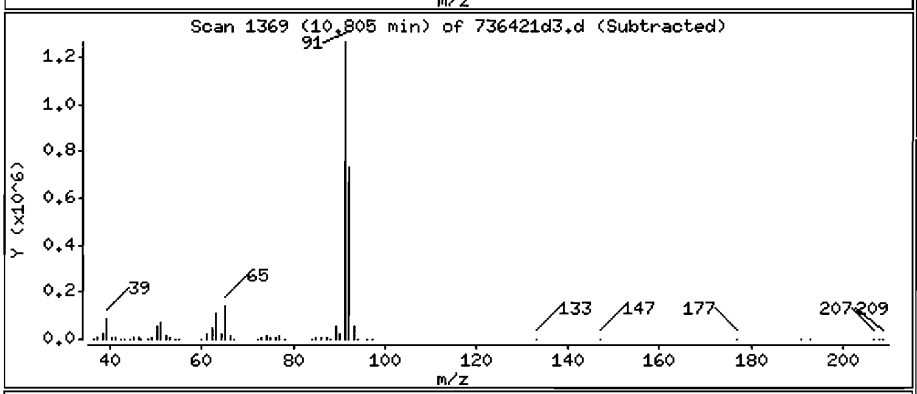
Column phase: RTX-624

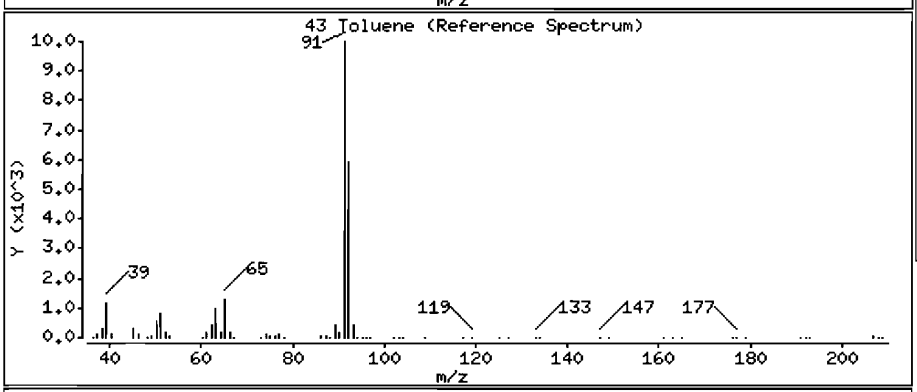
Column diameter: 0.32

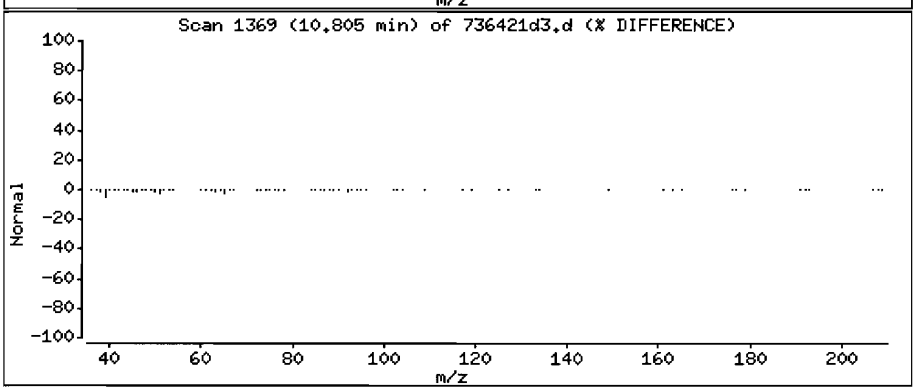
43 Toluene

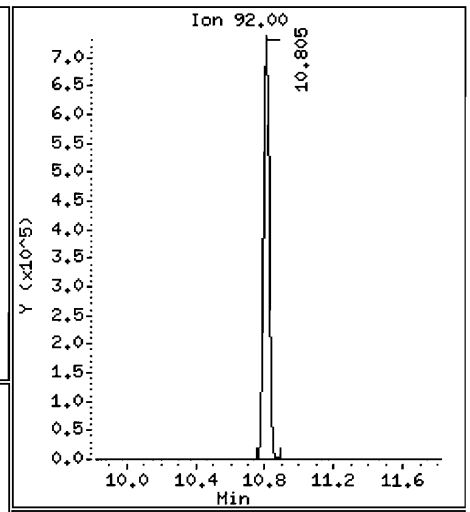
Concentration: 1200000 ppbv

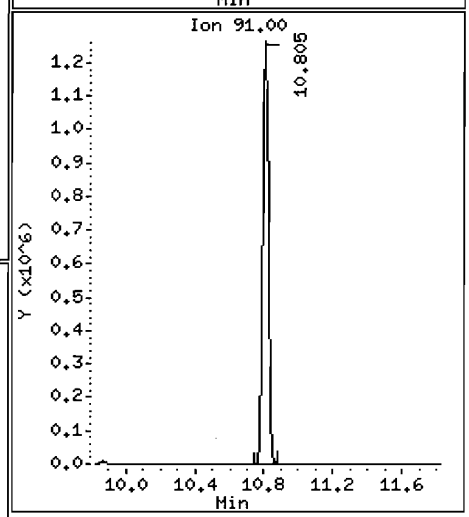












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Date : 08-JAN-2008 17:15

Client ID: 71220VP-03V3N

Instrument: G.i

Sample Info: 20071220VP-03V30N :[J12/20/07 @0802(AIR)

Purge Volume: 43.0

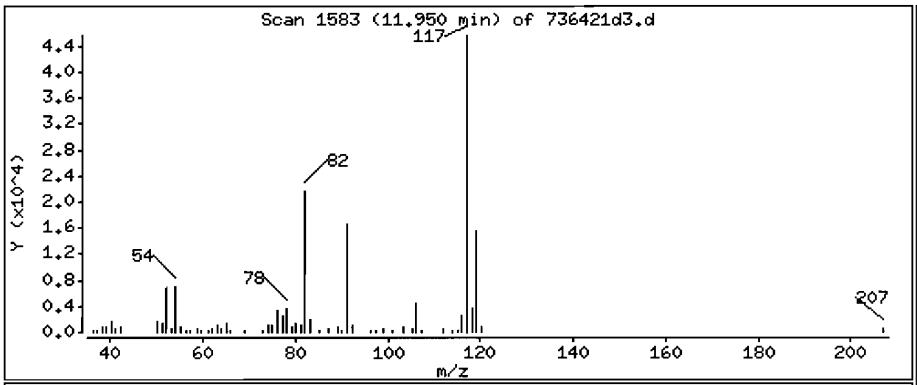
Operator: wrd

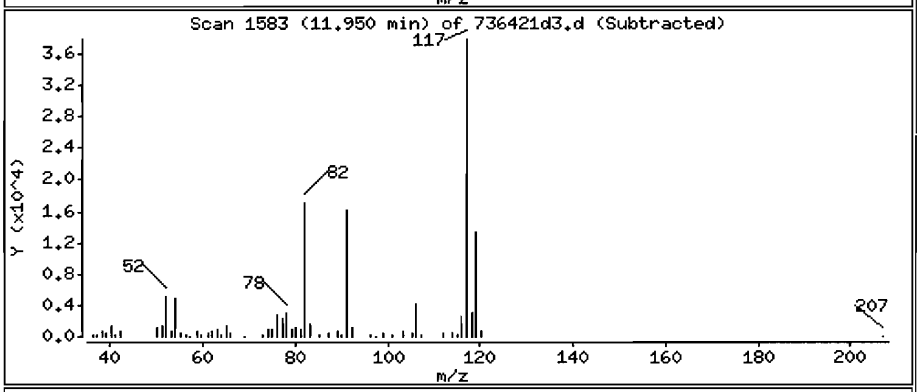
Column phase: RTX-624

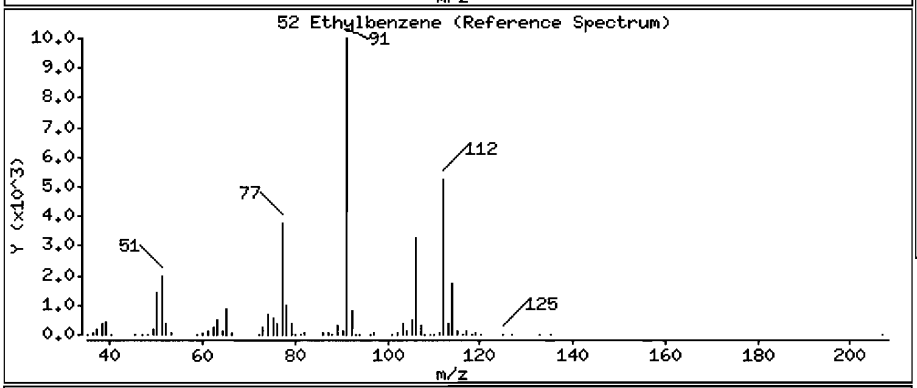
Column diameter: 0.32

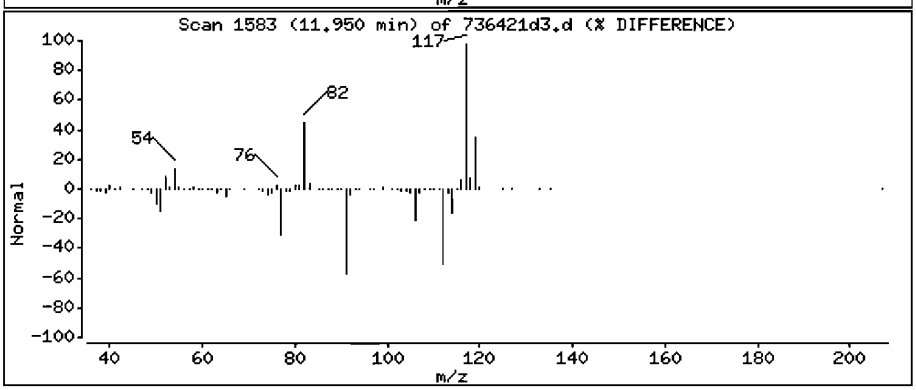
52 Ethylbenzene

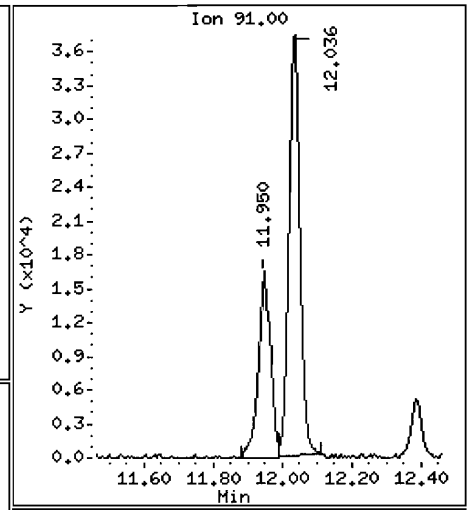
Concentration: 12000 ppbv

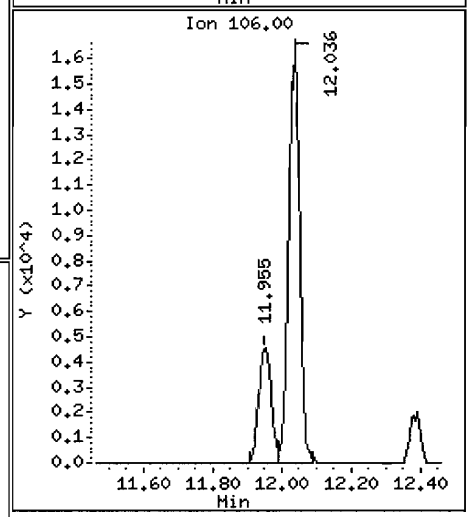












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Date : 08-JAN-2008 17:15

Client ID: 71220VP-03V3N

Instrument: G.i

Sample Info: 20071220VP-03V30N :[ ]12/20/07 @0802(AIR)

Purge Volume: 43.0

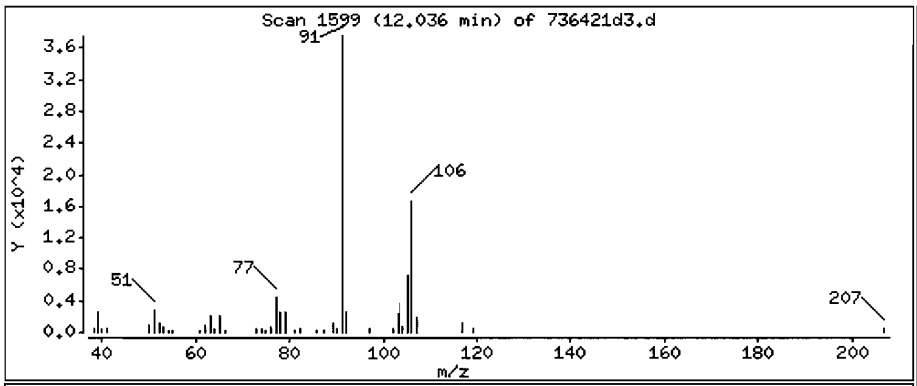
Operator: wrd

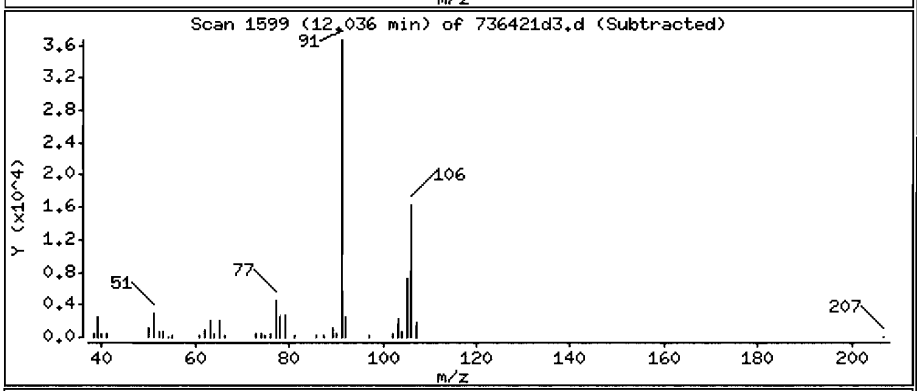
Column phase: RTX-624

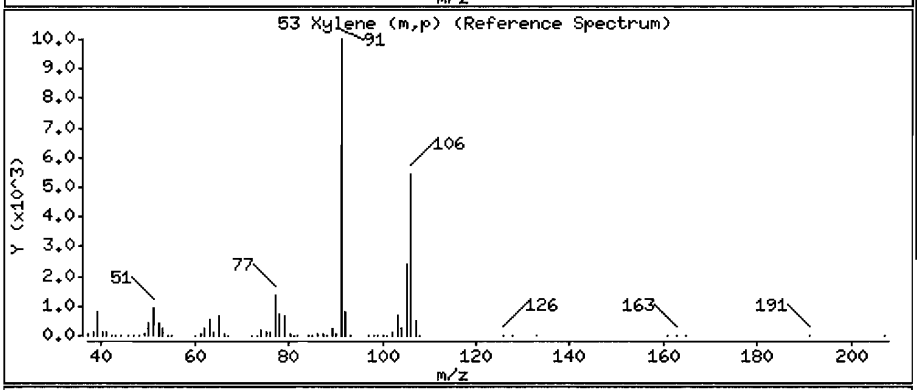
Column diameter: 0.32

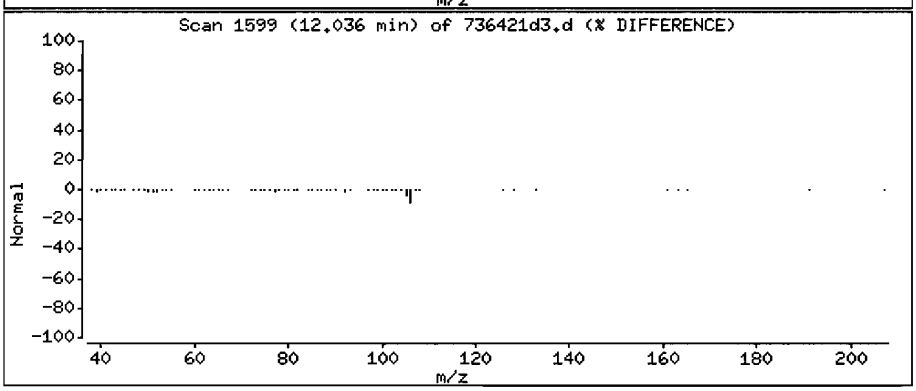
53 Xylene (m,p)

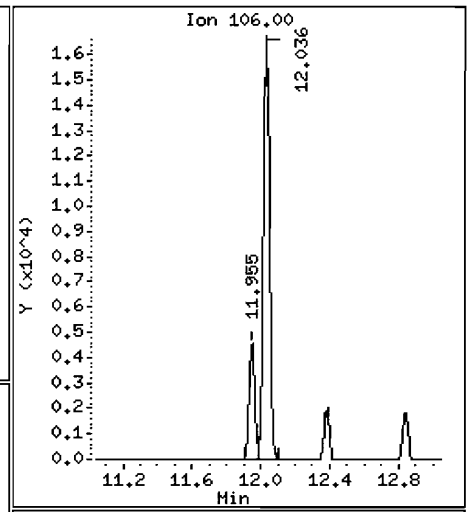
Concentration: 34000 ppbv

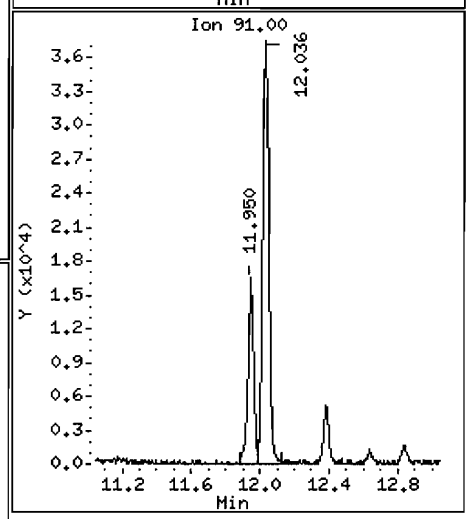












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-04V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736422

Sample wt/vol: 38.00 (g/mL) ML Lab File ID: 736422D2

Level: (low/med) LOW Date Received: 12/21/07

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

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 62100.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	31000	U
75-01-4	Vinyl Chloride	12000	U
74-83-9	Bromomethane	12000	U
75-00-3	Chloroethane	31000	U
75-35-4	1,1-Dichloroethene	12000	U
67-64-1	Acetone	310000	U
75-15-0	Carbon Disulfide	31000	U
75-09-2	Methylene Chloride	31000	U
156-60-5	trans-1,2-Dichloroethene	12000	U
75-34-3	1,1-Dichloroethane	12000	U
78-93-3	Methyl Ethyl Ketone	31000	U
156-59-2	cis-1,2-Dichloroethene	12000	U
67-66-3	Chloroform	12000	U
71-55-6	1,1,1-Trichloroethane	12000	U
56-23-5	Carbon Tetrachloride	12000	U
71-43-2	Benzene	12000	U
107-06-2	1,2-Dichloroethane	12000	U
79-01-6	Trichloroethene	12000	U
78-87-5	1,2-Dichloropropane	12000	U
75-27-4	Bromodichloromethane	12000	U
10061-01-5	cis-1,3-Dichloropropene	12000	U
108-10-1	Methyl Isobutyl Ketone	31000	U
108-88-3	Toluene	1600000	
10061-02-6	trans-1,3-Dichloropropene	12000	U
79-00-5	1,1,2-Trichloroethane	12000	U
127-18-4	Tetrachloroethene	12000	U
591-78-6	Methyl Butyl Ketone	31000	U
124-48-1	Dibromochloromethane	12000	U
108-90-7	Chlorobenzene	12000	U
100-41-4	Ethylbenzene	24000	
1330-20-7	Xylene (m,p)	50000	
95-47-6	Xylene (o)	12000	U
100-42-5	Styrene	12000	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-04V3N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736422

Sample wt/vol: 38.00 (g/mL) ML Lab File ID: 736422D2

Level: (low/med) LOW Date Received: 12/21/07

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

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 62100.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	12000	U
79-34-5	1,1,2,2-Tetrachloroethane	12000	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gbssto15.b/736422d2.d

Page 3

Date : 08-JAN-2008 18:06

Client ID: 71220VP-04V3N

Instrument: G.i

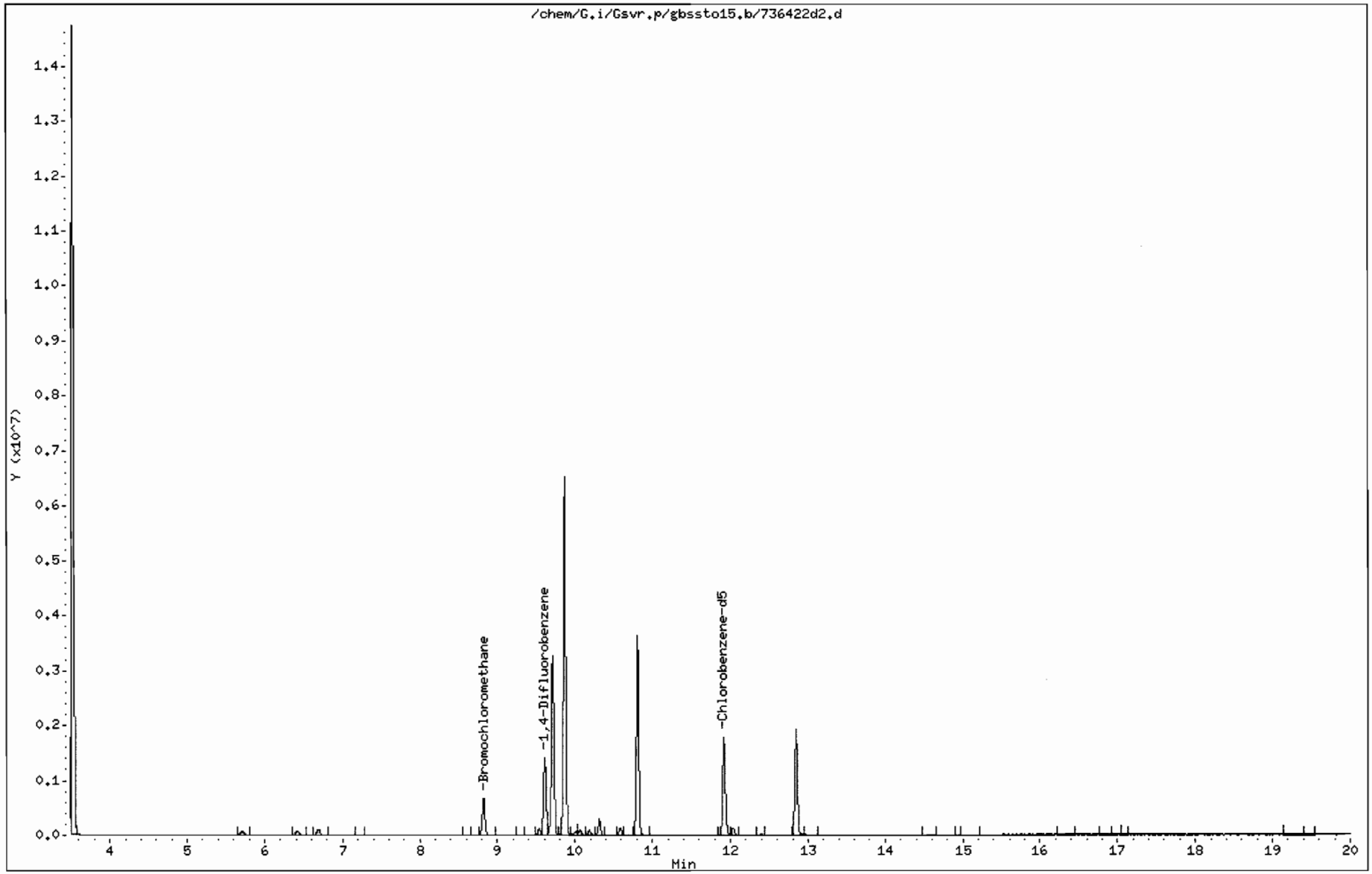
Sample Info: 20071220VP-04V3@N :[J12/20/07 @0747(AIR)

Purge Volume: 38.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbssto15.b/736422d2.d
Lab Smp Id: 736422 Client Smp ID: 71220VP-04V3N
Inj Date : 08-JAN-2008 18:06
Operator : wrd Inst ID: G.i
Smp Info : 20071220VP-04V3@N :[ ]12/20/07 @0747(AIR)
Misc Info : 736422;010808GA;62100;38;cdf11800
Comment :
Method : /chem/G.i/Gsvr.p/gbssto15.b/rto15.m
Meth Date : 09-Jan-2008 14:00 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 14:30 Cal File: gbs40v.d
Als bottle: 4
Dil Factor: 62100.00000
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	62100.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	38.00000	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	8.826	8.842	(1.000)	263123	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	9.607	9.623	(1.000)	1402912	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	10.811	10.821	(0.907)	1949968	25.6956	1600000
	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	11.918	11.929	(1.000)	1387856	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	11.950	11.961	(1.003)	66925	0.38171	24000
	53 Xylene (m,p)	106	12.036	12.046	(1.010)	50508	0.80045	50000
	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/G.i/Gsvr.p/gbssto15.b/736422d2.d

Date : 08-JAN-2008 18:06

Client ID: 71220VP-04V3N

Instrument: G.i

Sample Info: 20071220VP-04V3@N :[ ]12/20/07 @0747(AIR)

Purge Volume: 38.0

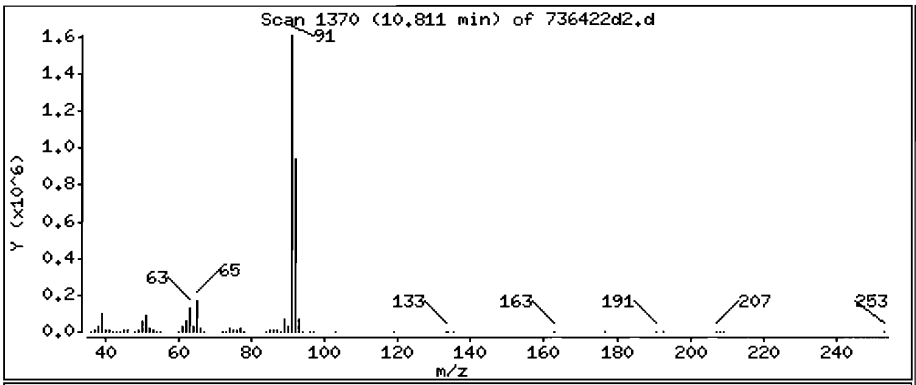
Operator: wrd

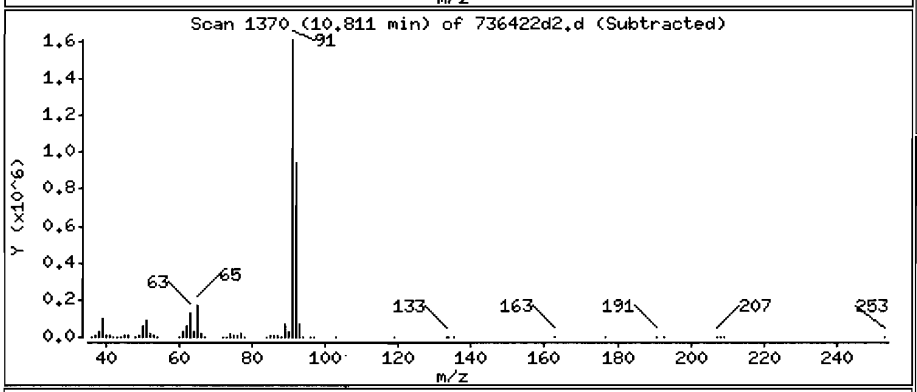
Column phase: RTX-624

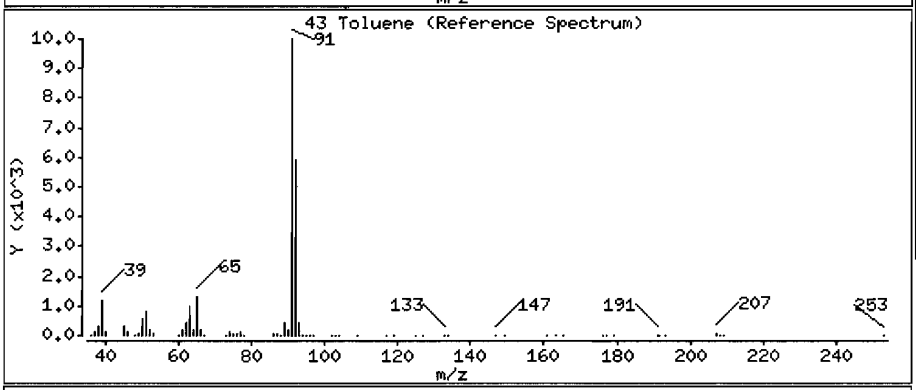
Column diameter: 0.32

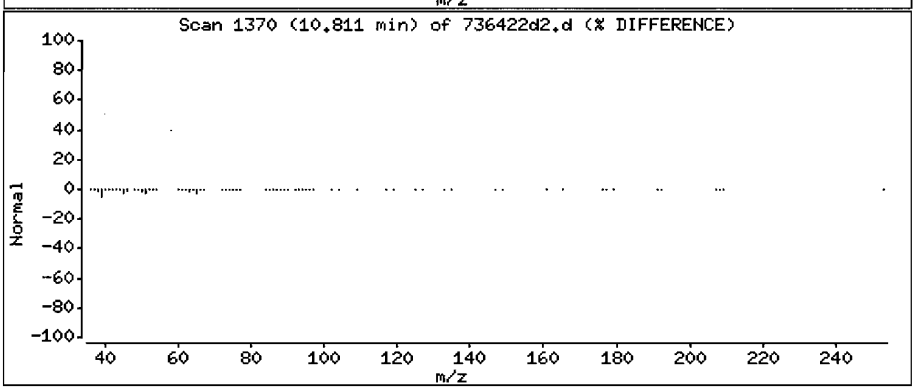
43 Toluene

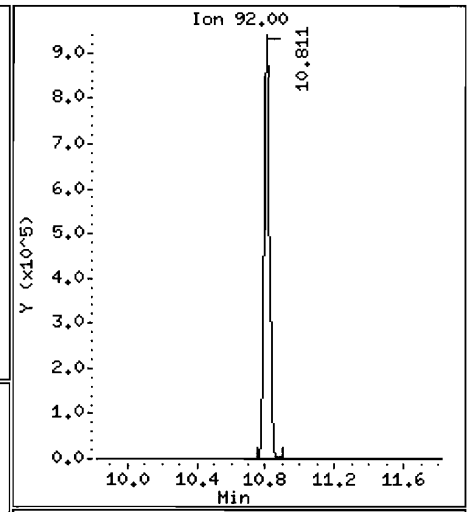
Concentration: 1600000 ppbv

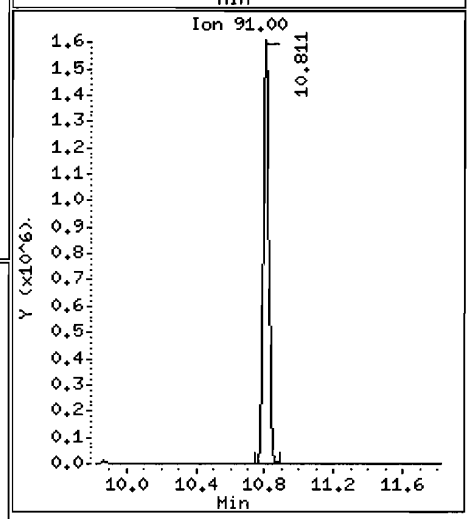












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736422d2.d

Date : 08-JAN-2008 18:06

Client ID: 71220VP-04V3N

Instrument: G.i

Sample Info: 20071220VP-04V3@N :[J12/20/07 @0747(AIR)

Purge Volume: 38.0

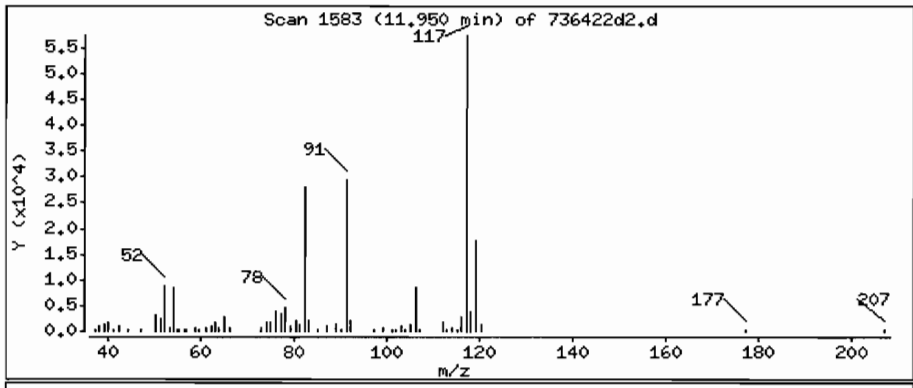
Operator: wrd

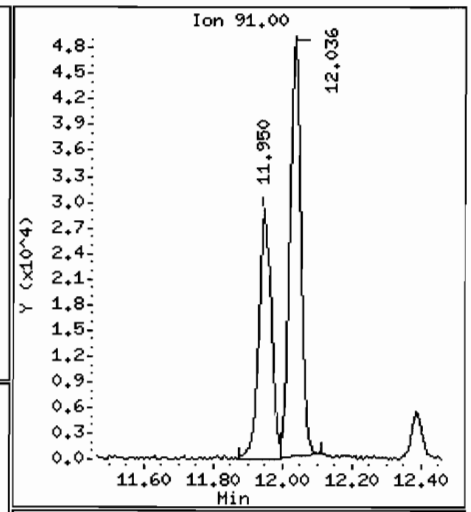
Column phase: RTX-624

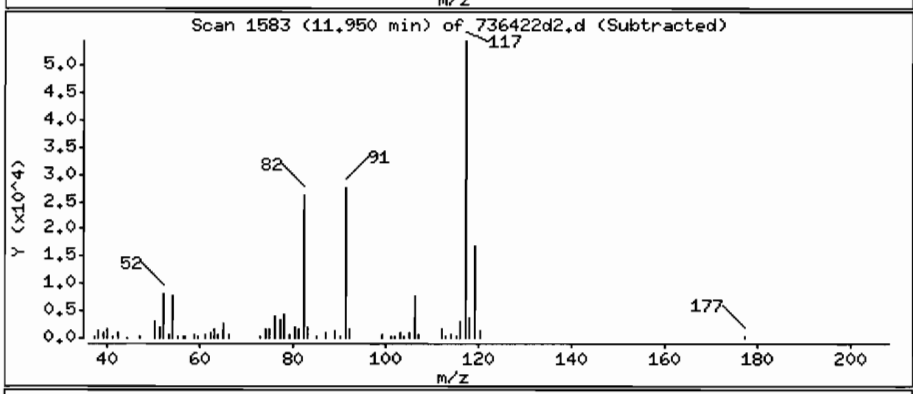
Column diameter: 0.32

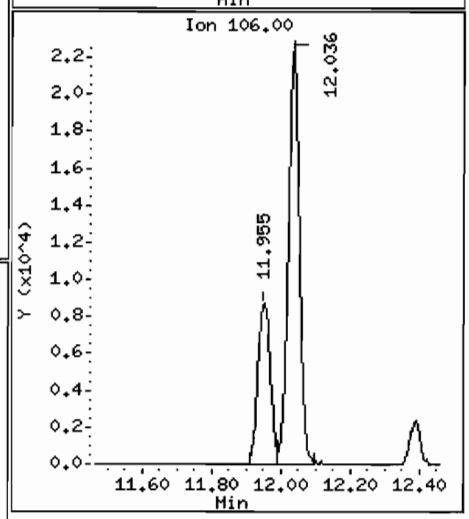
52 Ethylbenzene

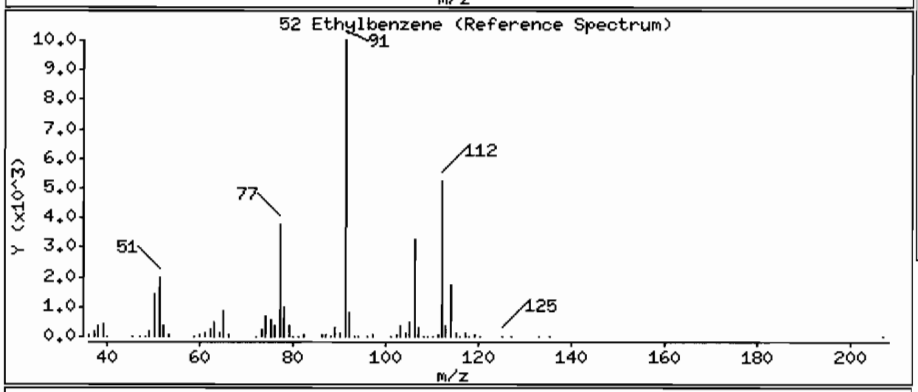
Concentration: 24000 ppbv

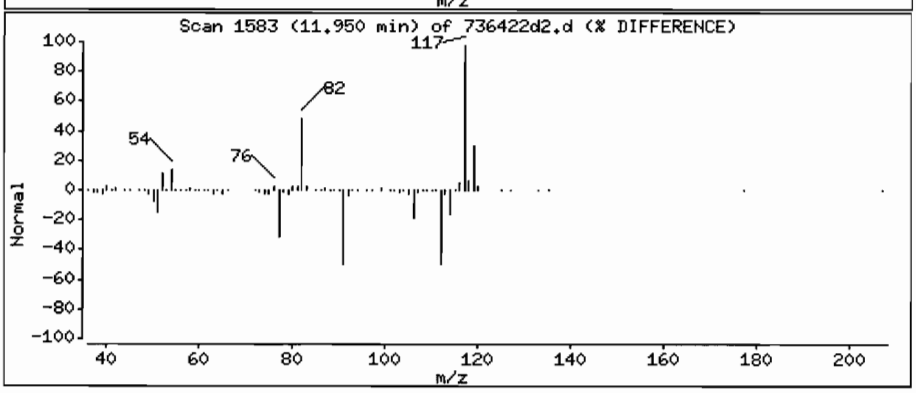












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736422d2.d

Date : 08-JAN-2008 18:06

Client ID: 71220VP-04V3N

Instrument: G.i

Sample Info: 20071220VP-04V3@N :[ ]12/20/07 @0747(AIR)

Purge Volume: 38.0

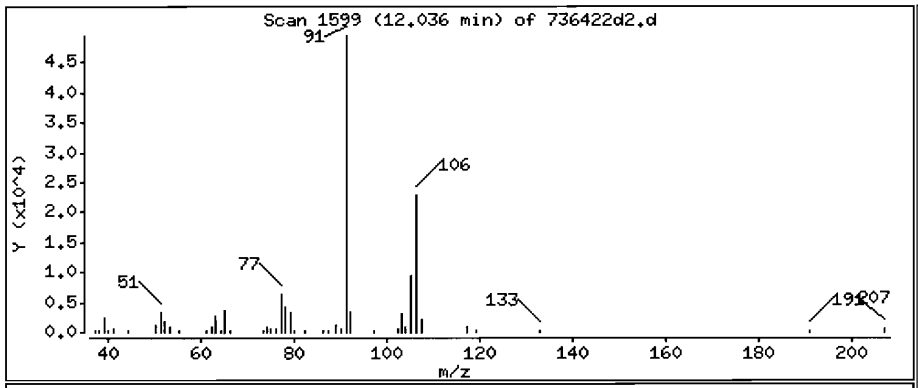
Operator: wrd

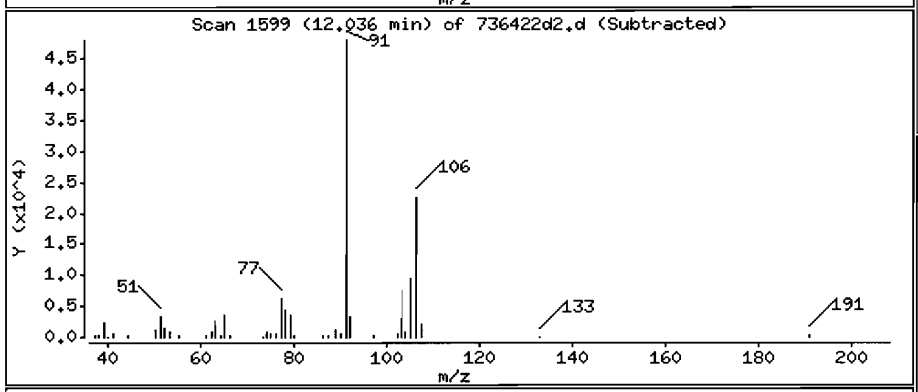
Column phase: RTX-624

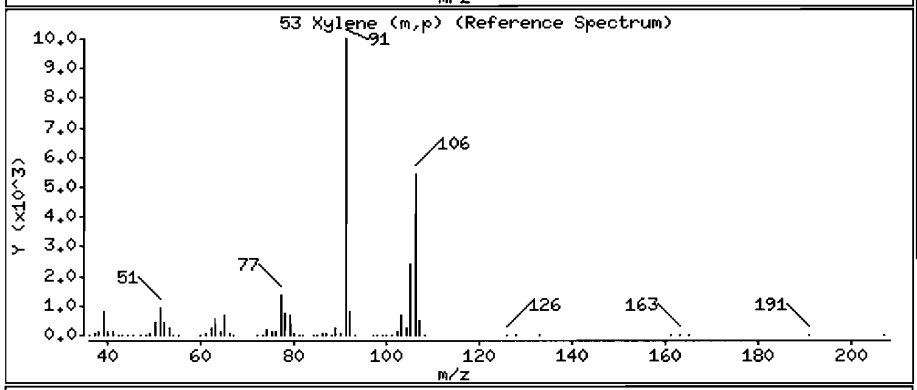
Column diameter: 0.32

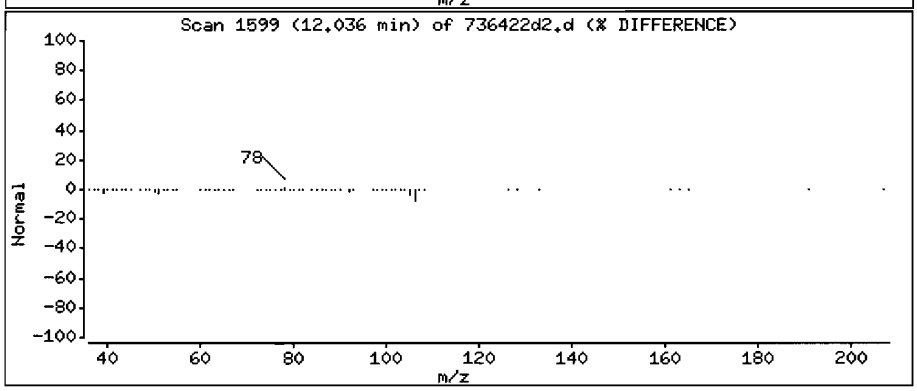
53 Xylene (m,p)

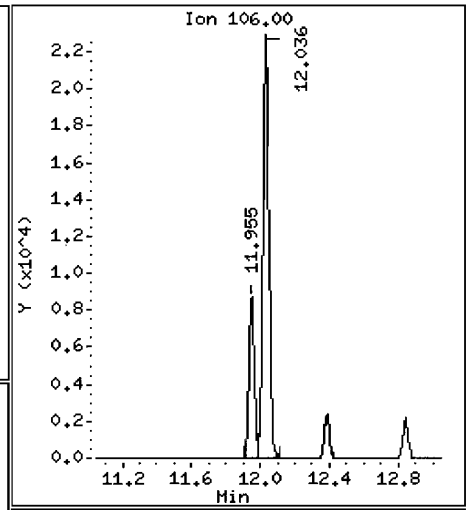
Concentration: 50000 ppbv

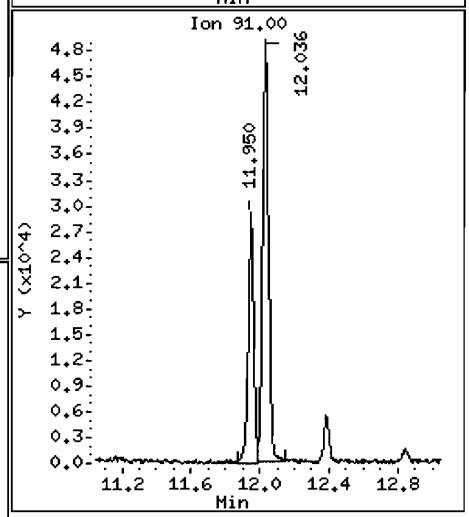












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-05V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736426

Sample wt/vol: 56.00 (g/mL) ML Lab File ID: 736426D

Level: (low/med) LOW Date Received: 12/21/07

% Moisture: not dec. _____ Date Analyzed: 01/04/08

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	2.5	U
75-01-4	Vinyl Chloride	0.99	U
74-83-9	Bromomethane	0.99	U
75-00-3	Chloroethane	2.5	U
75-35-4	1,1-Dichloroethene	0.99	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	3.0	
75-09-2	Methylene Chloride	2.5	U
156-60-5	trans-1,2-Dichloroethene	0.99	U
75-34-3	1,1-Dichloroethane	0.99	U
78-93-3	Methyl Ethyl Ketone	14	
156-59-2	cis-1,2-Dichloroethene	1.2	
67-66-3	Chloroform	0.99	U
71-55-6	1,1,1-Trichloroethane	0.99	U
56-23-5	Carbon Tetrachloride	0.99	U
71-43-2	Benzene	0.99	U
107-06-2	1,2-Dichloroethane	64	
79-01-6	Trichloroethene	0.99	U
78-87-5	1,2-Dichloropropane	14	
75-27-4	Bromodichloromethane	0.99	U
10061-01-5	cis-1,3-Dichloropropene	0.99	U
108-10-1	Methyl Isobutyl Ketone	2.5	U
108-88-3	Toluene	120	
10061-02-6	trans-1,3-Dichloropropene	0.99	U
79-00-5	1,1,2-Trichloroethane	0.99	U
127-18-4	Tetrachloroethene	0.99	U
591-78-6	Methyl Butyl Ketone	2.5	U
124-48-1	Dibromochloromethane	0.99	U
108-90-7	Chlorobenzene	0.99	U
100-41-4	Ethylbenzene	6.4	
1330-20-7	Xylene (m,p)	11	
95-47-6	Xylene (o)	5.2	
100-42-5	Styrene	0.99	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-05V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736426

Sample wt/vol: 56.00 (g/mL) ML Lab File ID: 736426D

Level: (low/med) LOW Date Received: 12/21/07

% Moisture: not dec. _____ Date Analyzed: 01/04/08

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

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

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

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcetc15.b/736426d.d

Page 3

Date : 04-JAN-2008 03:58

Client ID: 71220VP-05V2N

Instrument: C.i

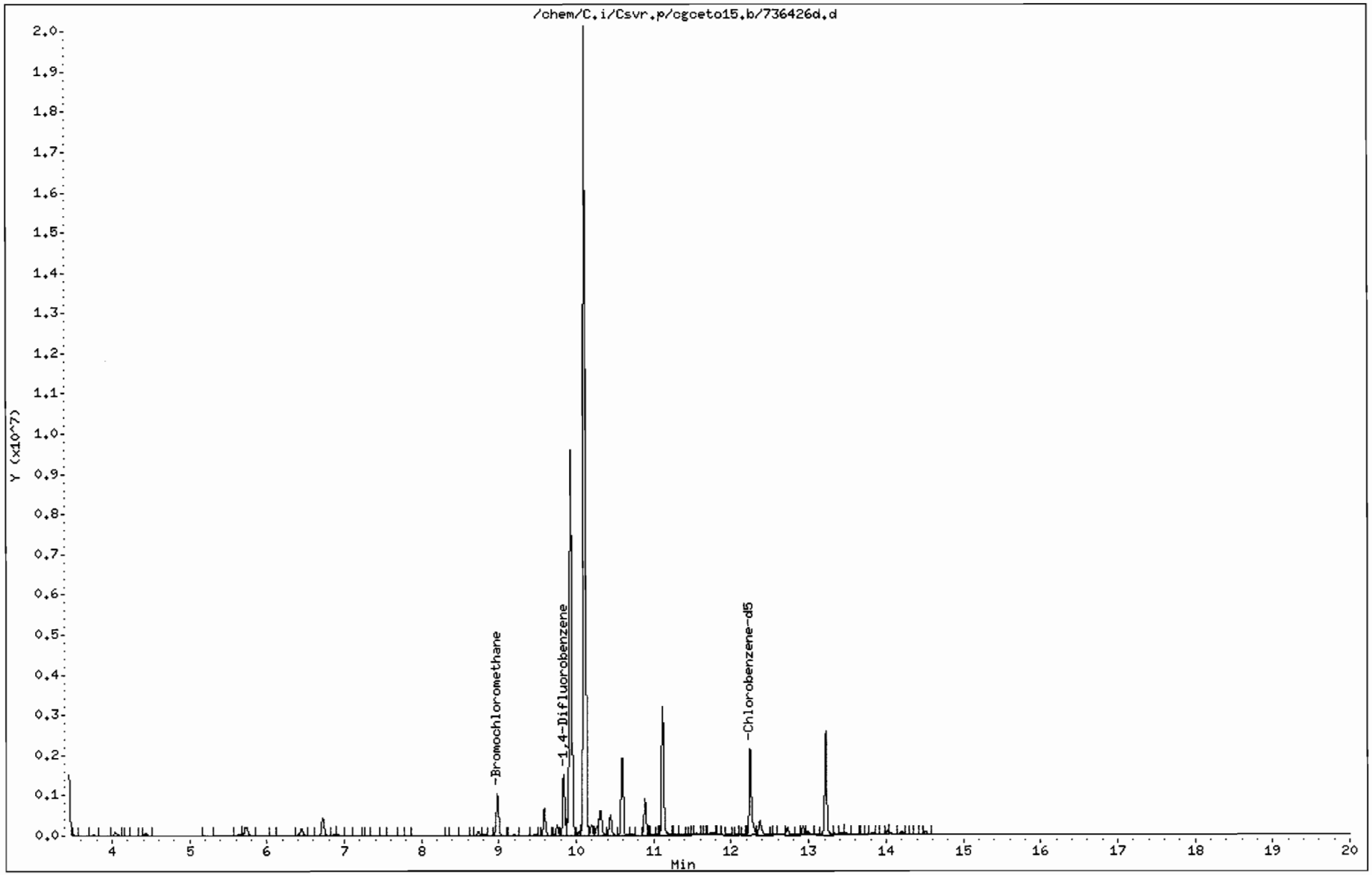
Sample Info: 20071220VP-05V2@N :[ ]12/20/07 @1256(AIR)

Purge Volume: 56.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgceto15.b/736426d.d
Lab Smp Id: 736426 Client Smp ID: 71220VP-05V2N
Inj Date : 04-JAN-2008 03:58
Operator : wrd Inst ID: C.i
Smp Info : 20071220VP-05V2@N :[ ]12/20/07 @1256(AIR)
Misc Info : 736426;010308CA;4.96;56;cdf1.39
Comment :
Method : /chem/C.i/Csvr.p/cgceto15.b/rto15.m
Meth Date : 09-Jan-2008 12:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 2
Dil Factor: 4.96000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	4.96000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	56.00000	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	(0.771)	50237	0.59840	3.0
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	8.734	8.734	(0.973)	32982	2.85921	14(Q)
24 cis-1,2-Dichloroethene	96	8.740	8.740	(0.973)	7812	0.23953	1.2
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	321481	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	(0.975)	601531	12.9685	64(M)
*	35 1,4-Difluorobenzene	114	9.834	9.839	(1.000)	1263968	10.0000	
	36 Trichloroethene	95	Compound Not Detected.					
	38 1,2-Dichloropropane	63	10.304	10.304	(1.048)	78164	2.74168	14(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)	1461876	25.0582	120
	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	12.246	12.252	(1.000)	1368842	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	12.289	12.294	(1.003)	170410	1.28636	6.4
	53 Xylene (m,p)	106	12.380	12.380	(1.011)	128750	2.29117	11
	54 Xylene (o)	106	12.726	12.726	(1.039)	58360	1.05161	5.2
	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/cgceto15.b/736426d.d

Date : 04-JAN-2008 03:58

Client ID: 71220VP-05V2N

Instrument: C.i

Sample Info: 20071220VP-05V2@N :[ ]12/20/07 @1256(AIR)

Purge Volume: 56.0

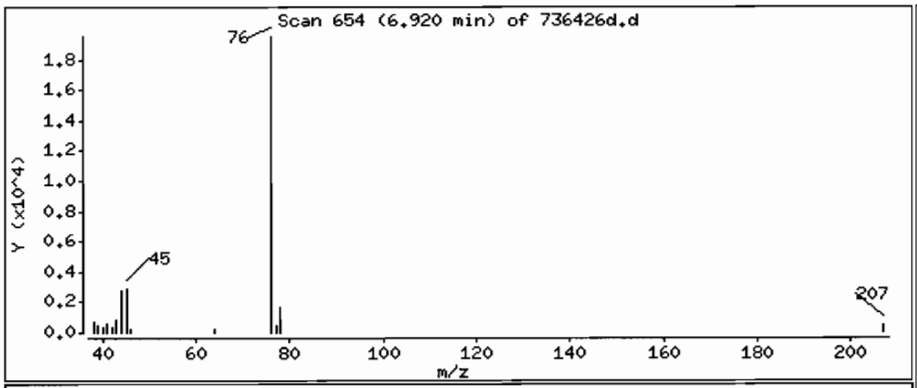
Operator: wrd

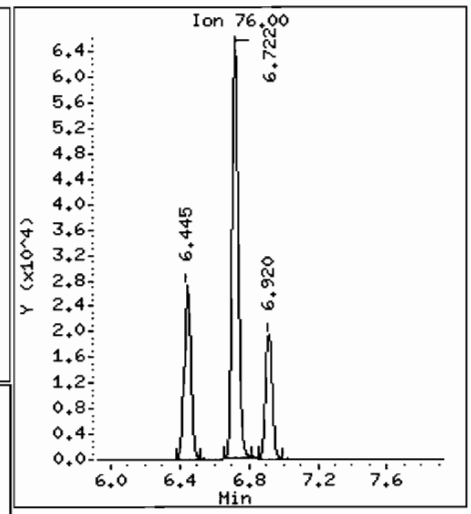
Column phase: RTX-624

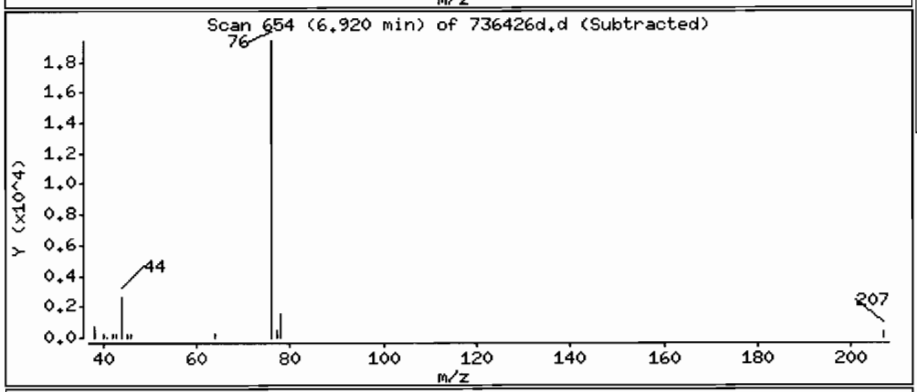
Column diameter: 0.32

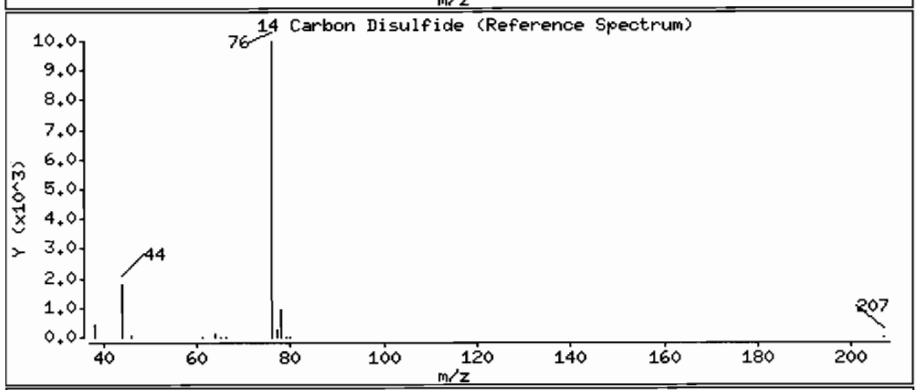
14 Carbon Disulfide

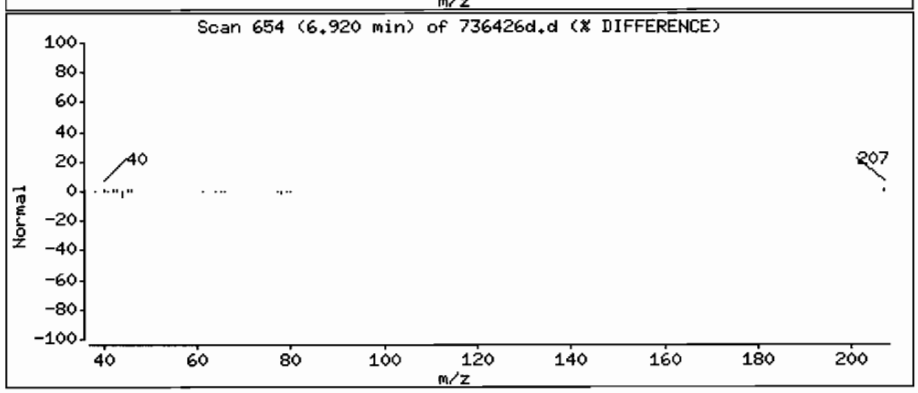
Concentration: 3.0 ppbv











Data File: /chem/C.i/Csvr.p/cgceto15.b/736426d.d

Date : 04-JAN-2008 03:58

Client ID: 71220VP-05V2N

Instrument: C.i

Sample Info: 20071220VP-05V2@N :[ ]12/20/07 @1256(AIR)

Purge Volume: 56.0

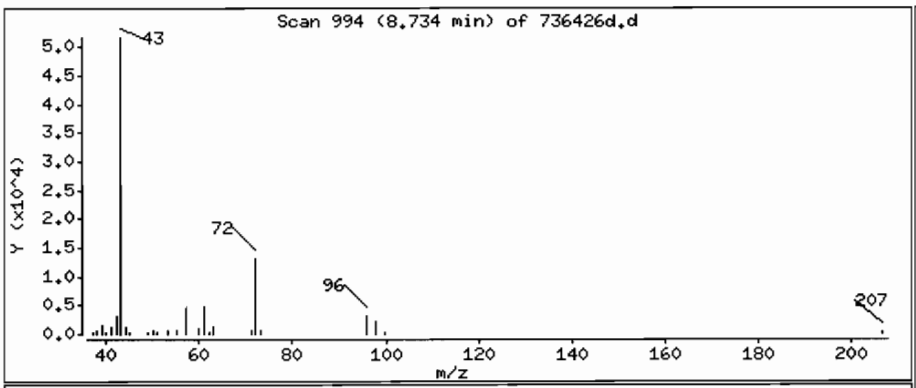
Operator: wrd

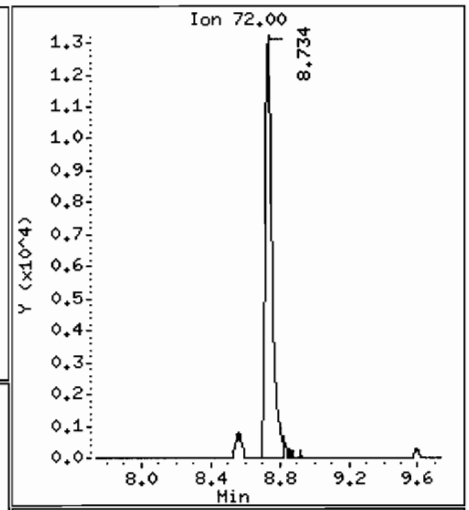
Column phase: RTX-624

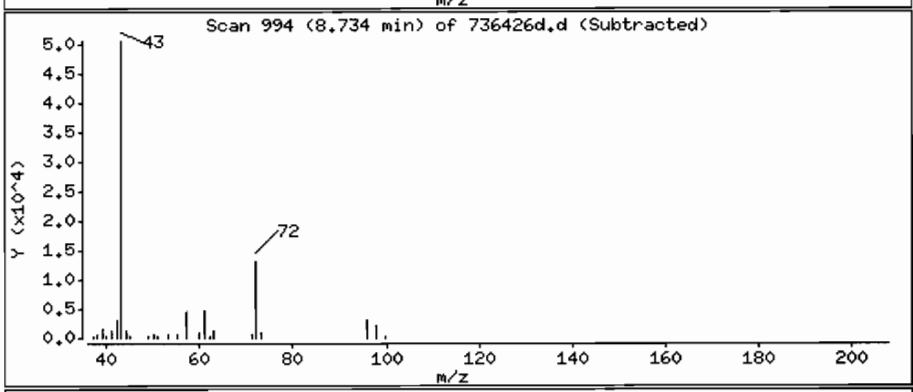
Column diameter: 0.32

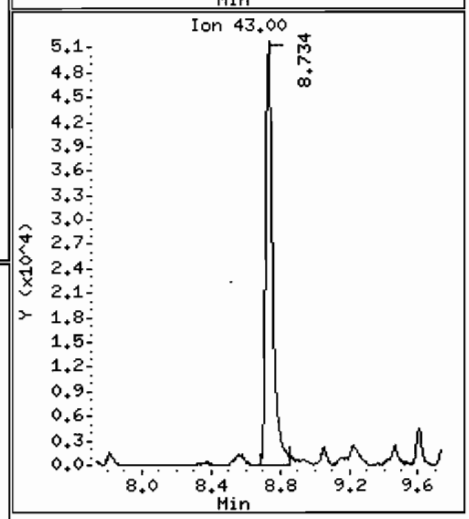
23 Methyl Ethyl Ketone

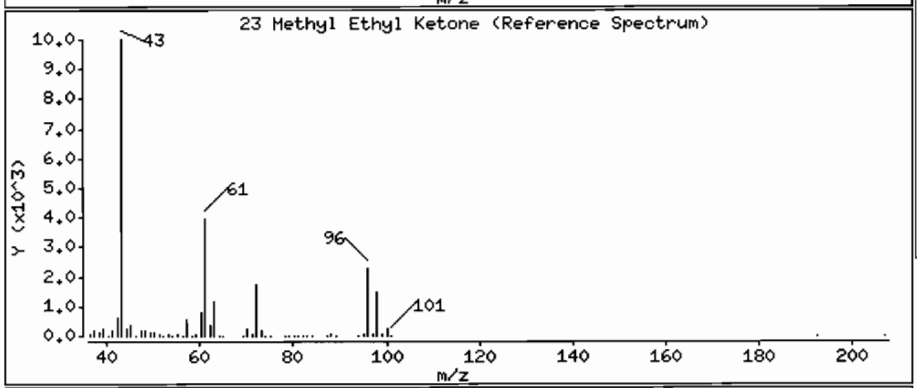
Concentration: 14 ppbv

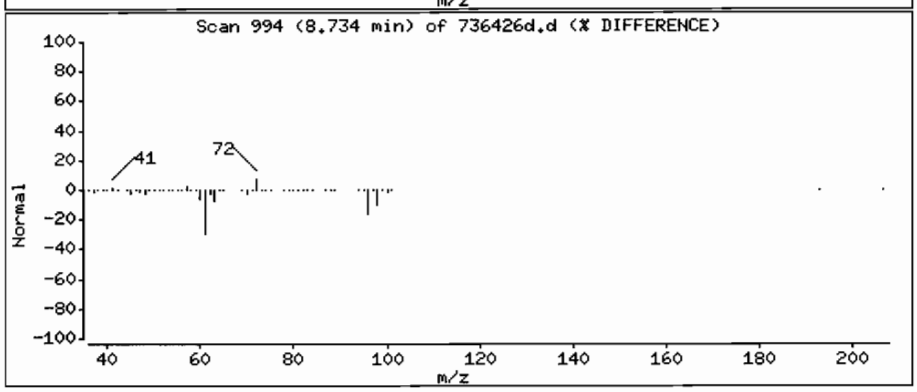












Data File: /chem/C.i/Csvr.p/cgceto15.b/736426d.d

Date : 04-JAN-2008 03:58

Client ID: 71220VP-05V2N

Instrument: C.i

Sample Info: 20071220VP-05V2@N :[J12/20/07 @1256(AIR)

Purge Volume: 56.0

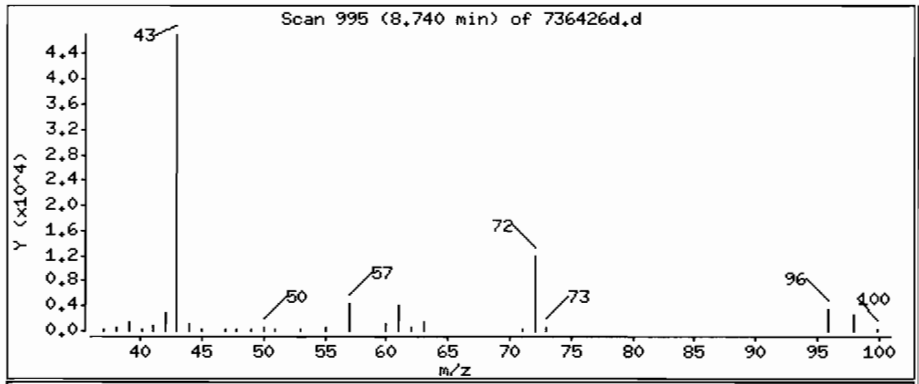
Operator: wrd

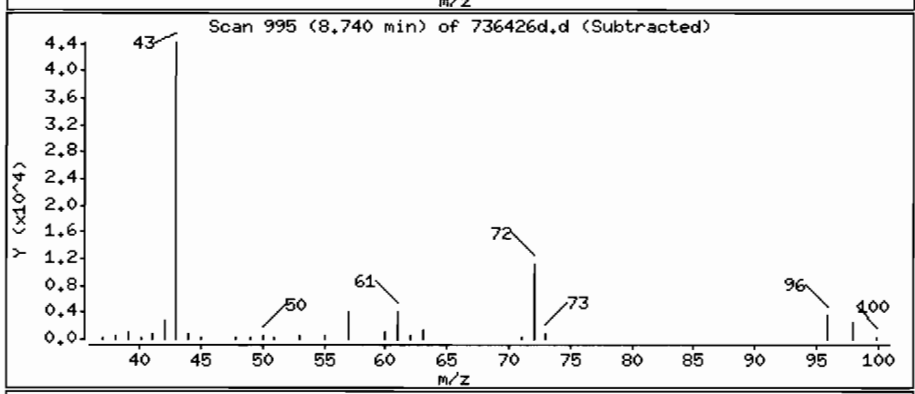
Column phase: RTX-624

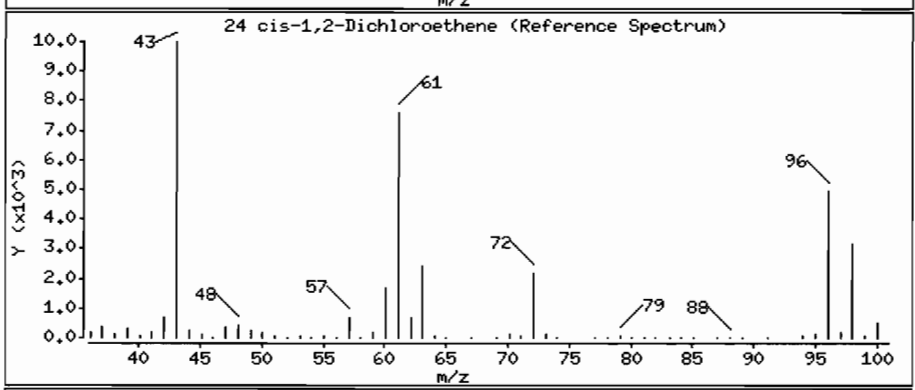
Column diameter: 0.32

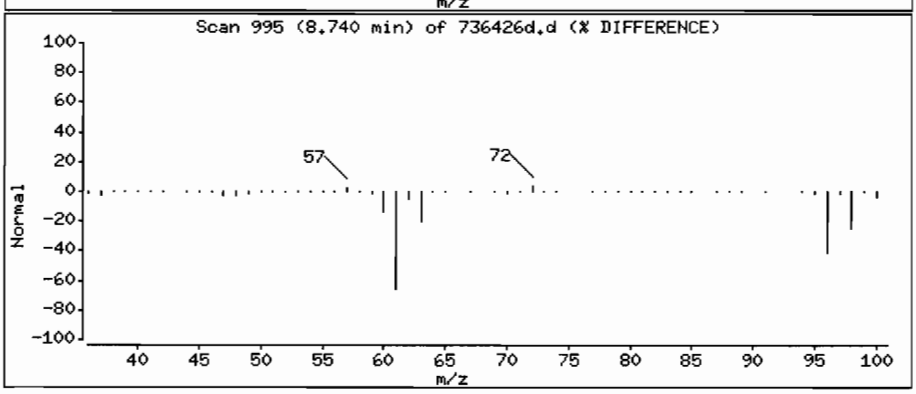
24 cis-1,2-Dichloroethene

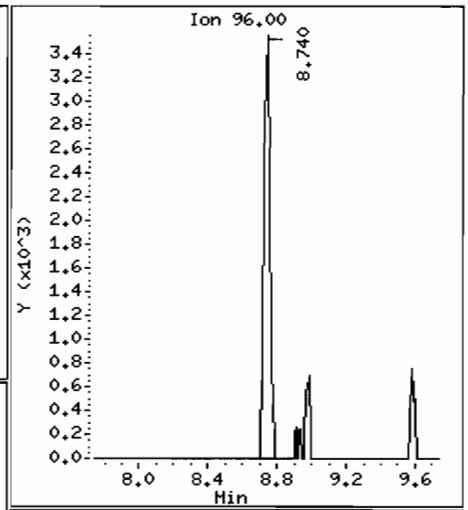
Concentration: 1.2 ppbv

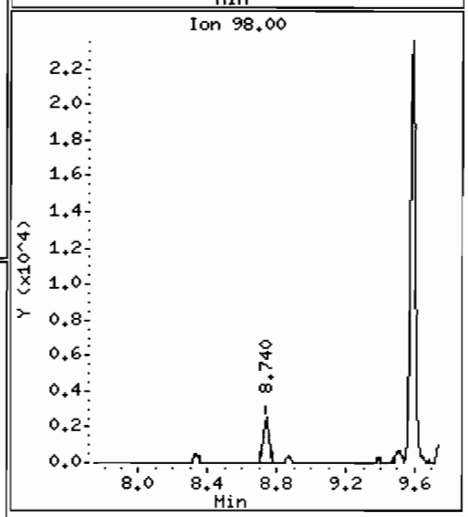












Data File: /chem/C.i/Csvr.p/cgceto15.b/736426d.d

Date : 04-JAN-2008 03:58

Client ID: 71220VP-05V2N

Instrument: C.i

Sample Info: 20071220VP-05V2@N :[ ]12/20/07 @1256(AIR)

Purge Volume: 56.0

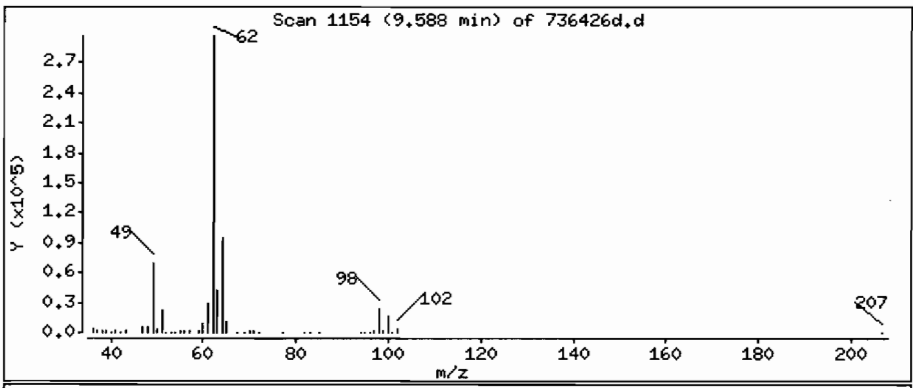
Operator: wrd

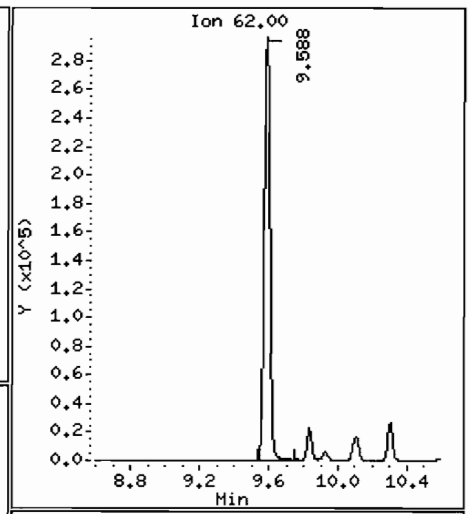
Column phase: RTX-624

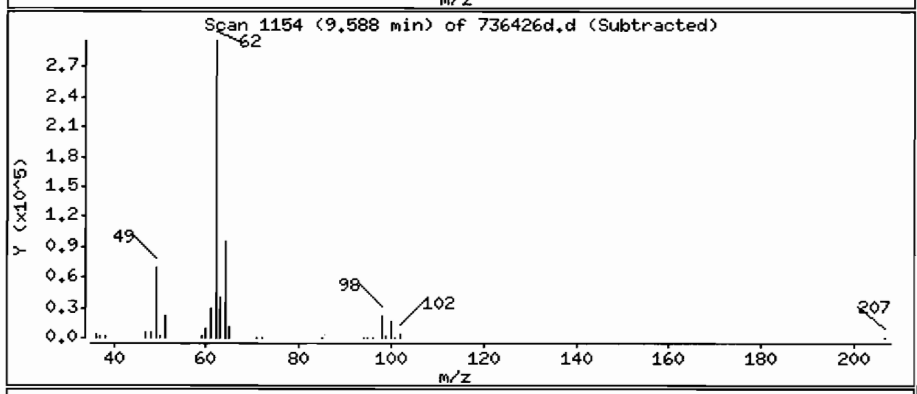
Column diameter: 0.32

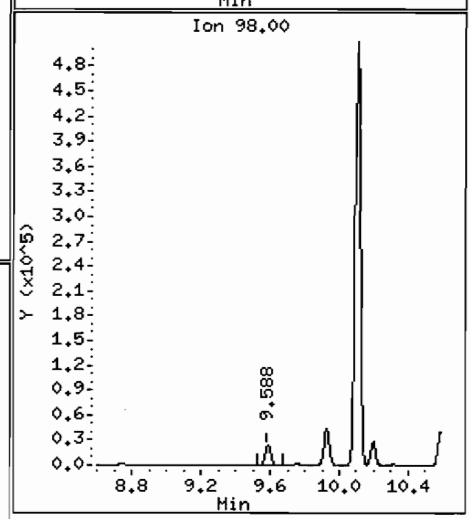
33 1,2-Dichloroethane

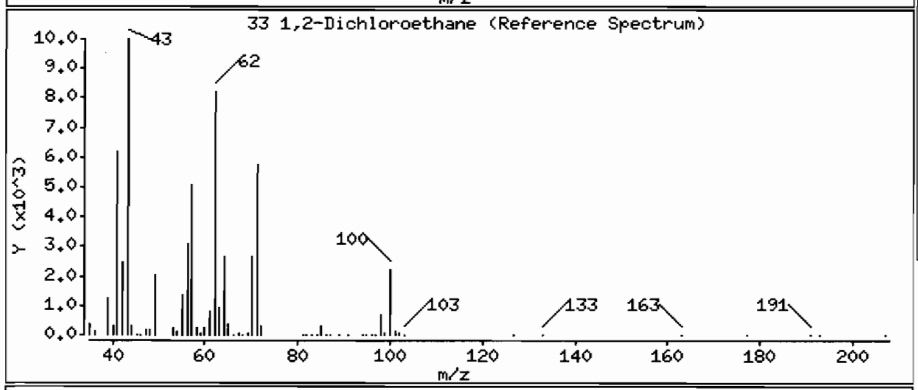
Concentration: 64 ppbv

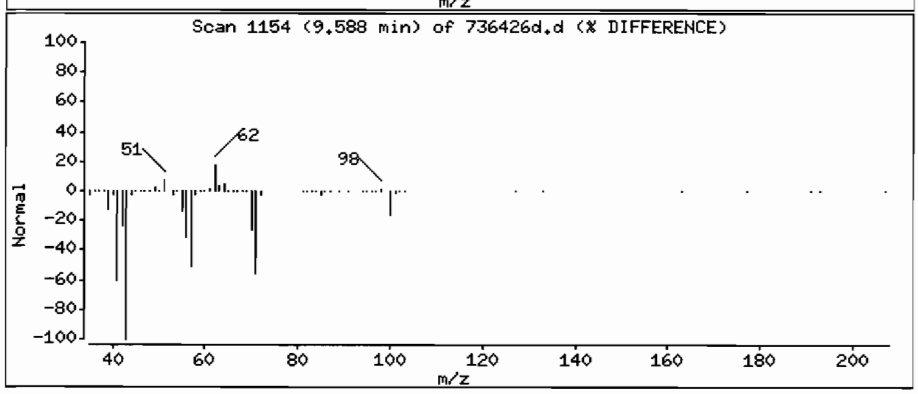












Data File: /chem/C.i/Csvr.p/cgceto15.b/736426d.d

Date : 04-JAN-2008 03:58

Client ID: 71220VP-05V2N

Instrument: C.i

Sample Info: 20071220VP-05V2@N :[ ]12/20/07 @1256(AIR)

Purge Volume: 56.0

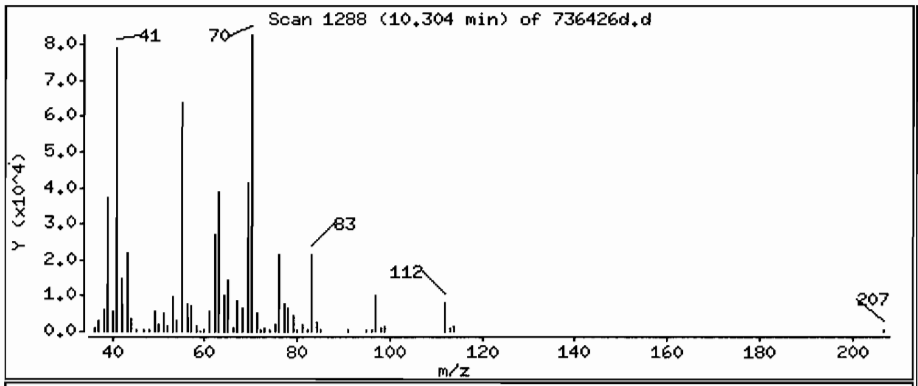
Operator: wrd

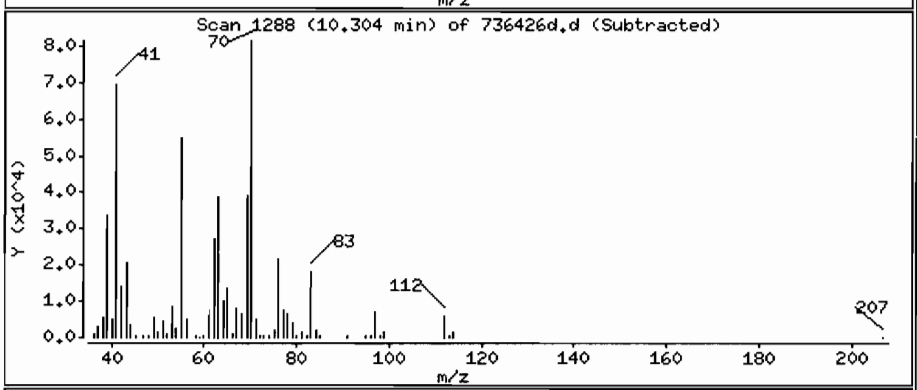
Column phase: RTX-624

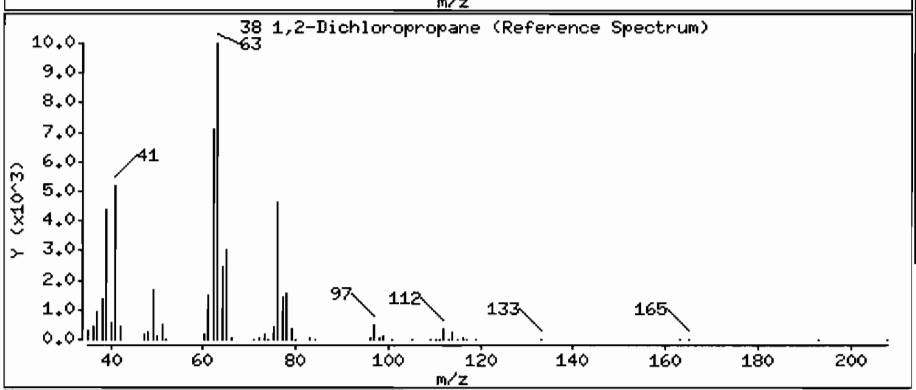
Column diameter: 0.32

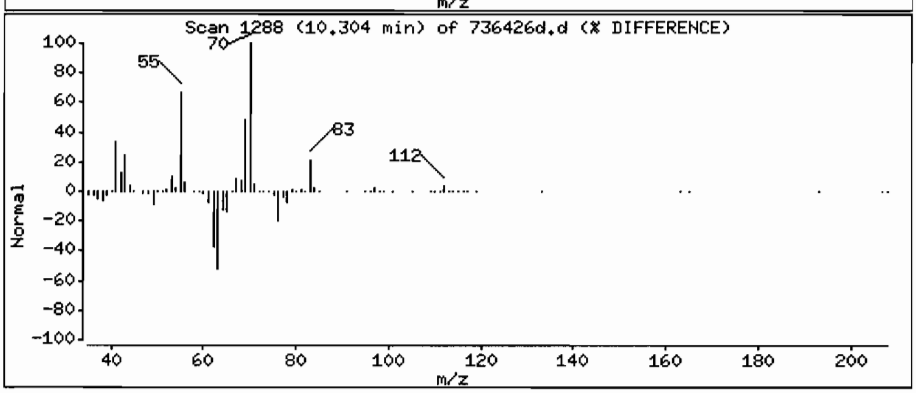
38 1,2-Dichloropropane

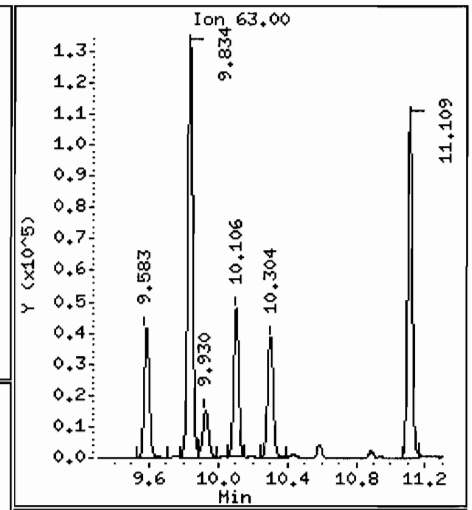
Concentration: 14 ppbv

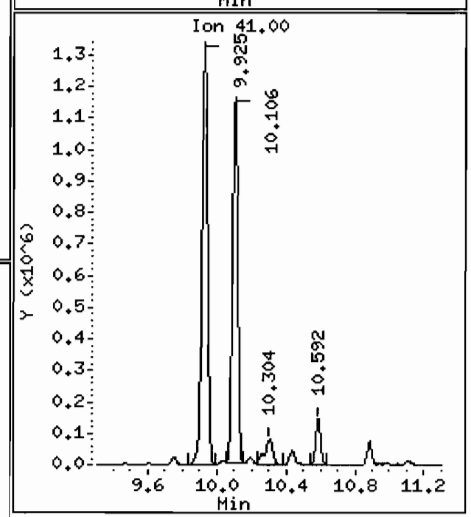












Data File: /chem/C.i/Csvr.p/cgceto15.b/736426d.d

Date : 04-JAN-2008 03:58

Client ID: 71220VP-05V2N

Instrument: C.i

Sample Info: 20071220VP-05V20N :[J12/20/07 @1256(AIR)

Purge Volume: 56.0

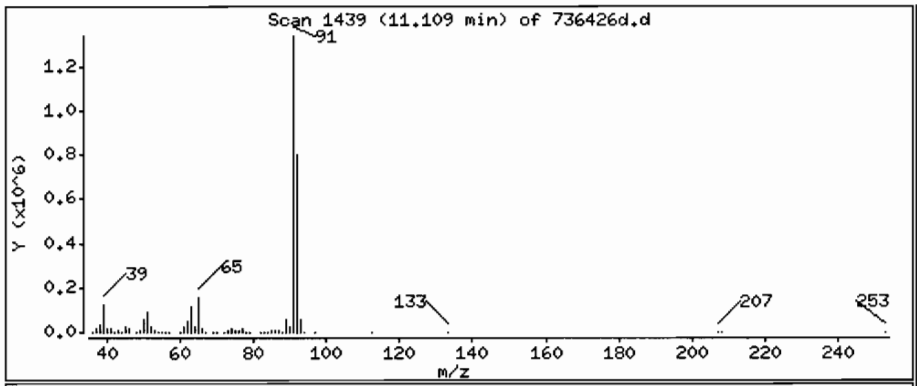
Operator: wrd

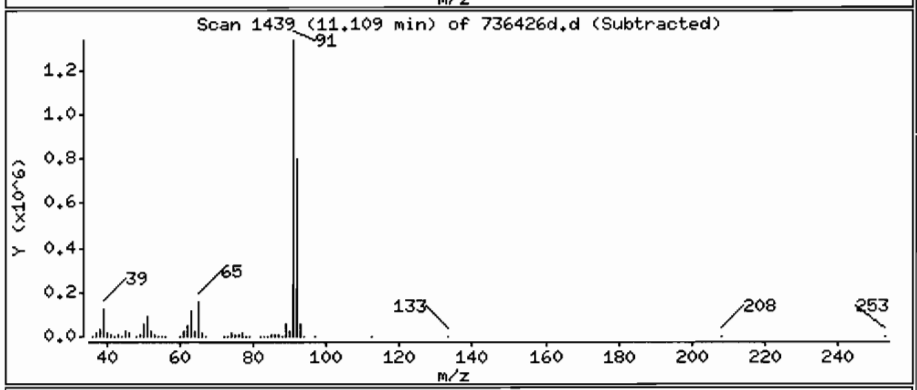
Column phase: RTX-624

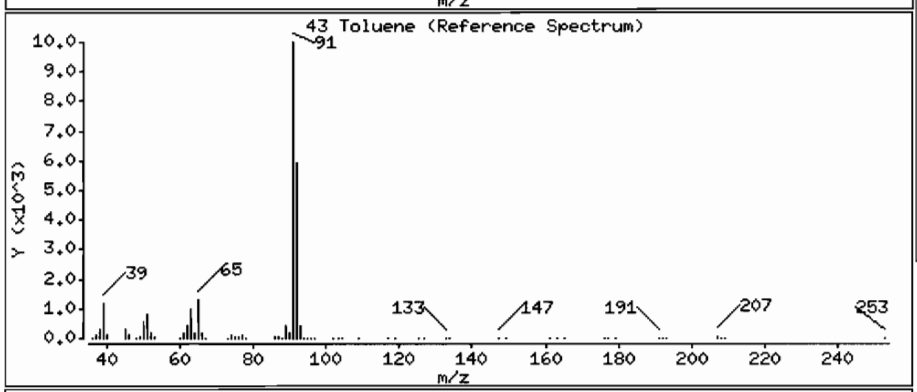
Column diameter: 0.32

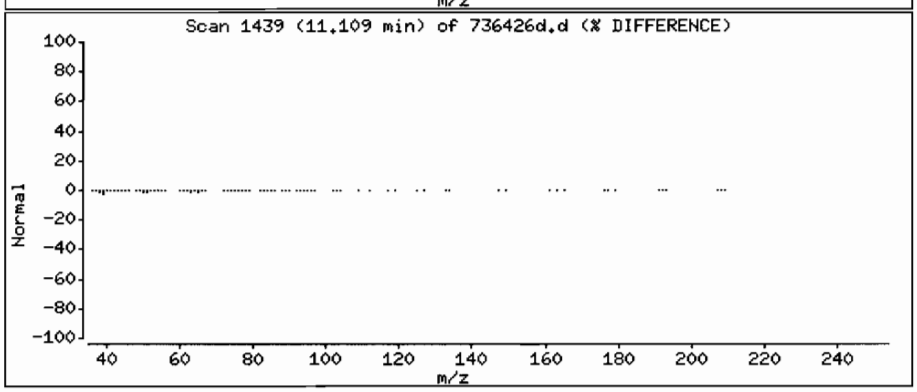
43 Toluene

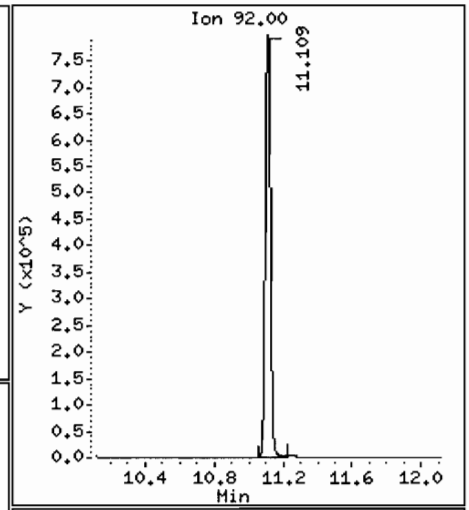
Concentration: 120 ppbv

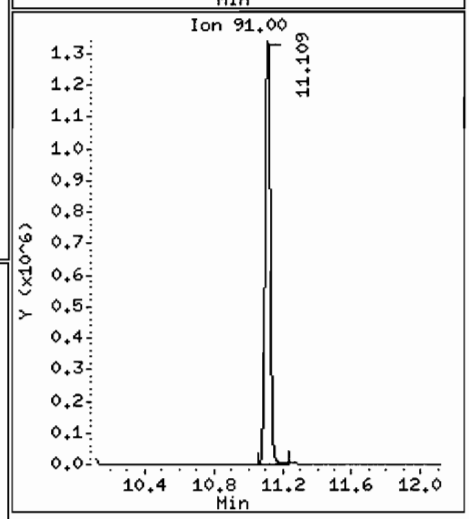












Data File: /chem/C.i/Csvr.p/cgceto15.b/736426d.d

Date : 04-JAN-2008 03:58

Client ID: 71220VP-05V2N

Instrument: C.i

Sample Info: 20071220VP-05V2@N :[J12/20/07 @1256(AIR)

Purge Volume: 56.0

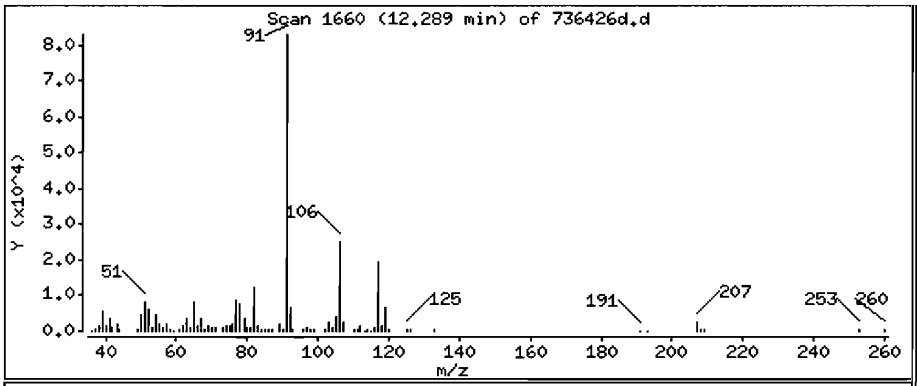
Operator: wrd

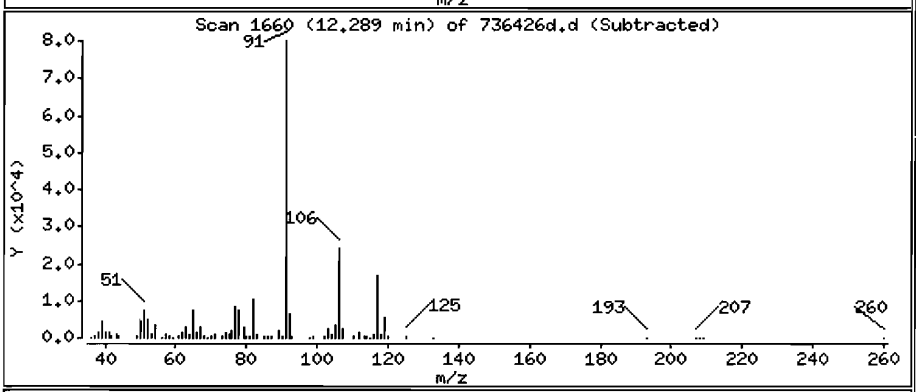
Column phase: RTX-624

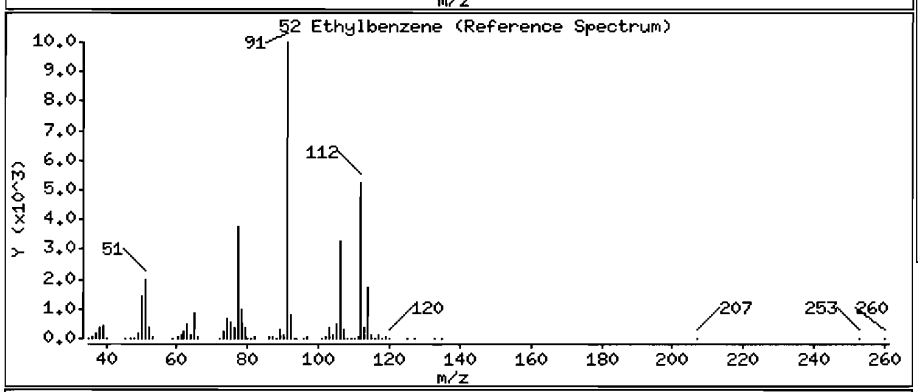
Column diameter: 0.32

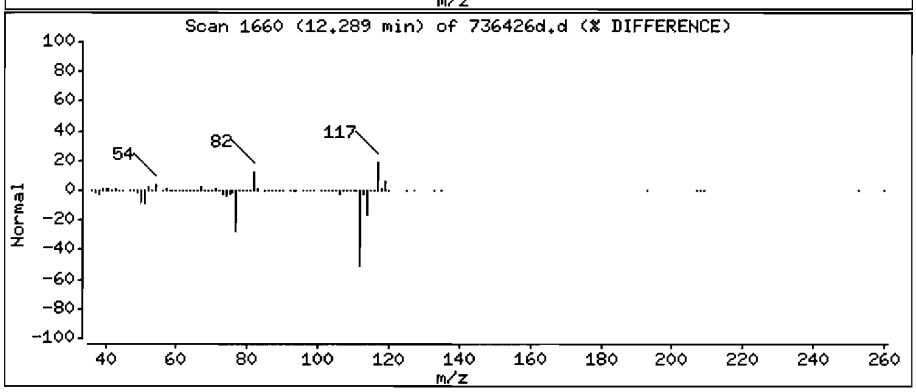
52 Ethylbenzene

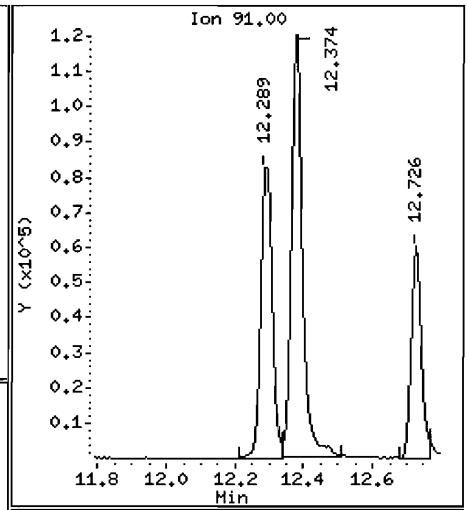
Concentration: 6.4 ppbv

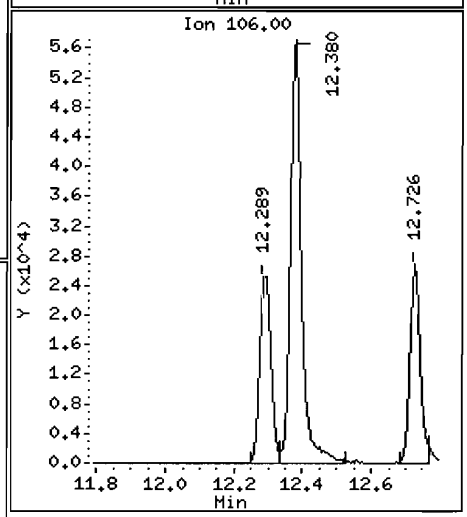












Data File: /chem/C.i/Csvr.p/cgceto15.b/736426d.d

Date : 04-JAN-2008 03:58

Client ID: 71220VP-05V2N

Instrument: C.i

Sample Info: 20071220VP-05V2@N :[ ]12/20/07 @1256(AIR)

Purge Volume: 56.0

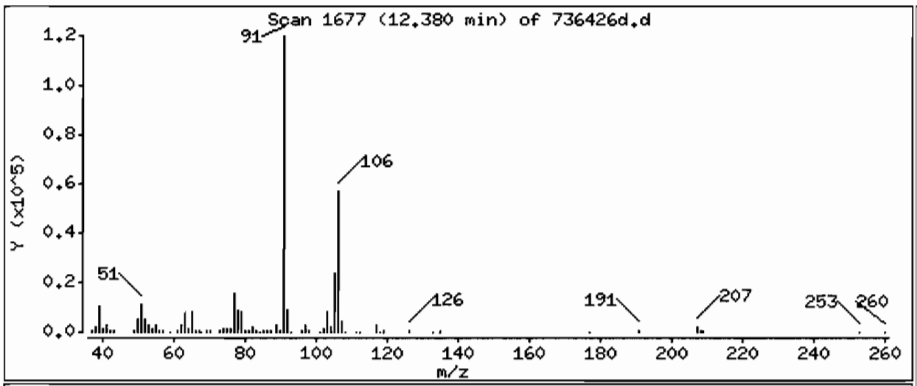
Operator: wrd

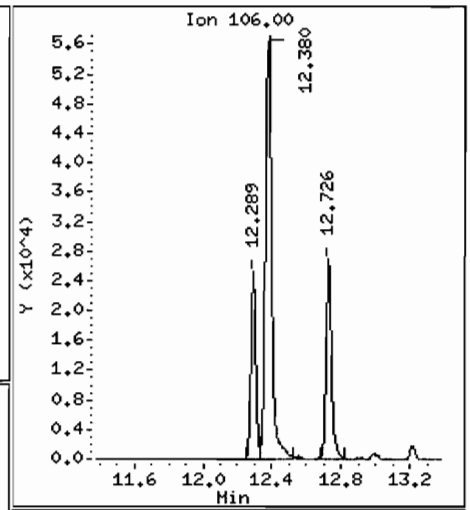
Column phase: RTX-624

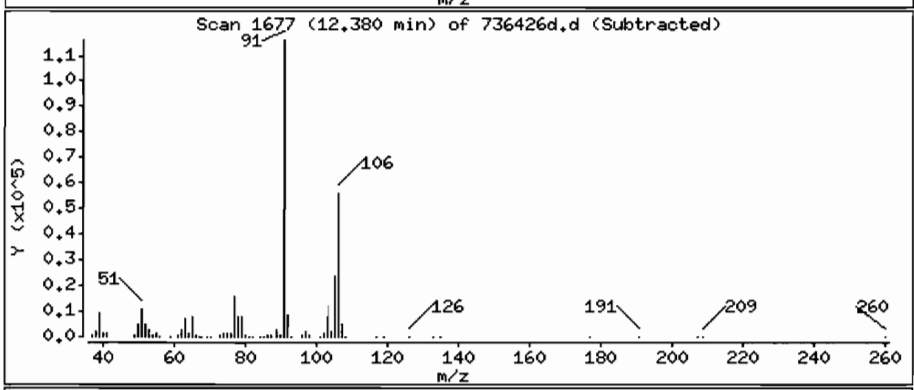
Column diameter: 0.32

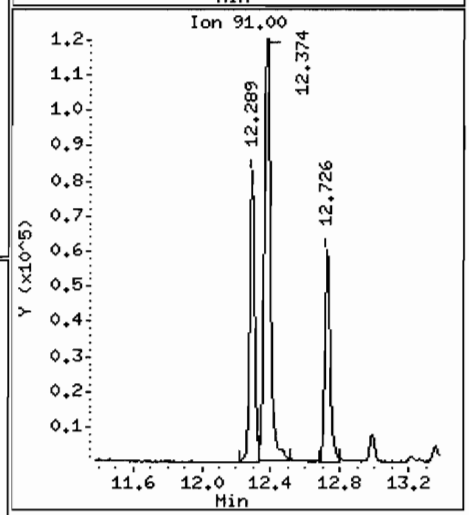
53 Xylene (m,p)

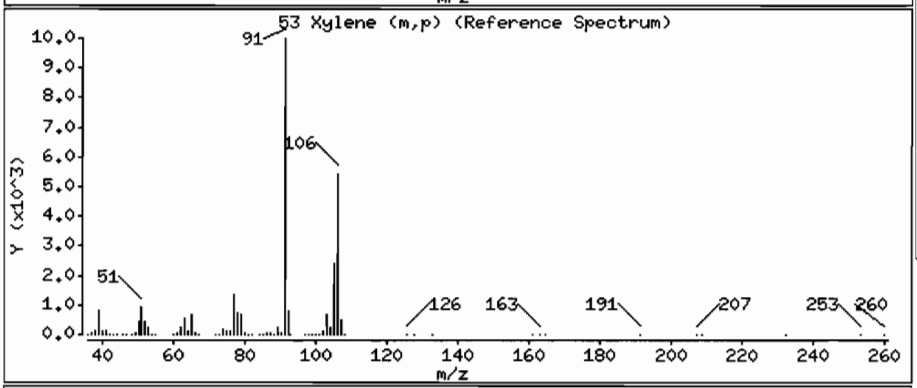
Concentration: 11 ppbv

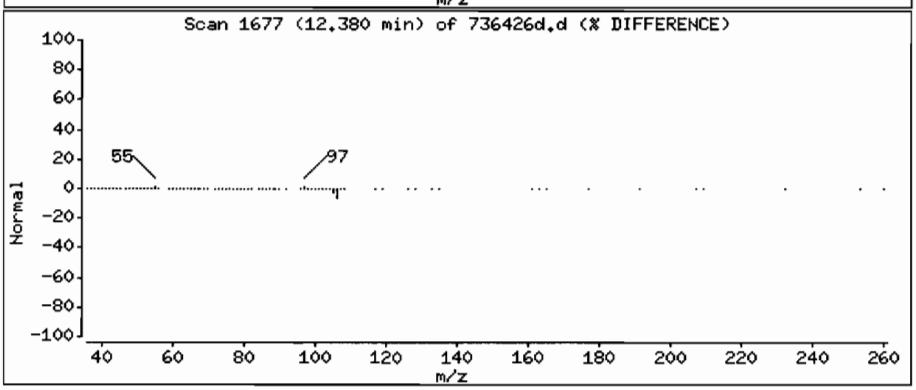












Data File: /chem/C.i/Csvr.p/cgceto15.b/736426d.d

Date : 04-JAN-2008 03:58

Client ID: 71220VP-05V2N

Instrument: C.i

Sample Info: 20071220VP-05V2@N :[J12/20/07 @1256(AIR)

Purge Volume: 56.0

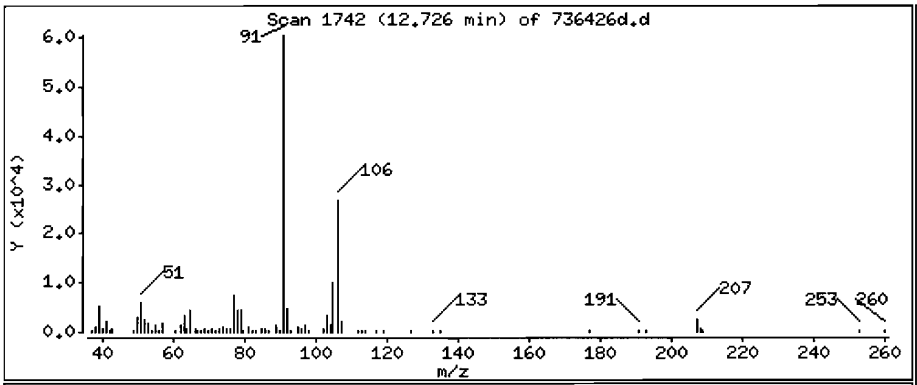
Operator: wrd

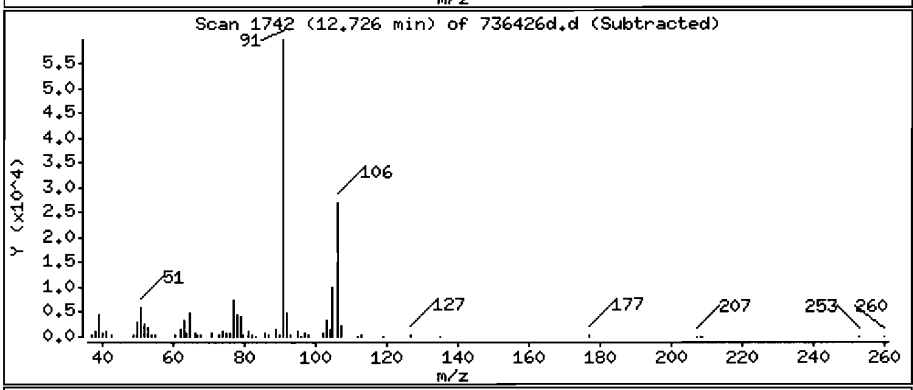
Column phase: RTX-624

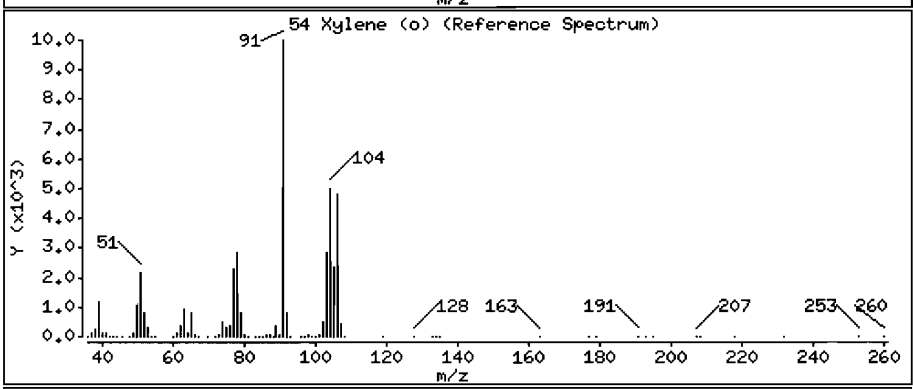
Column diameter: 0.32

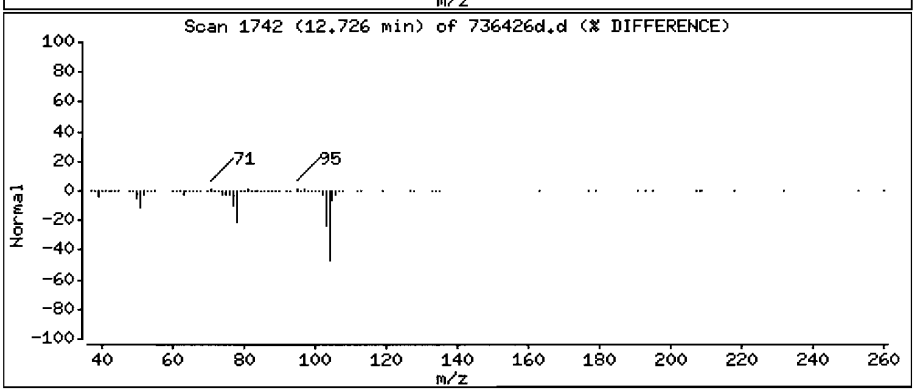
54 Xylene (o)

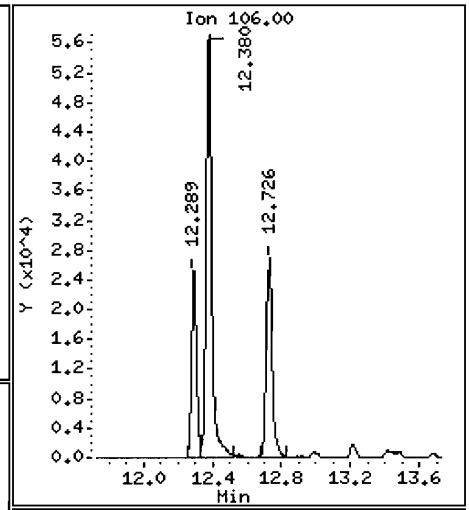
Concentration: 5.2 ppbv

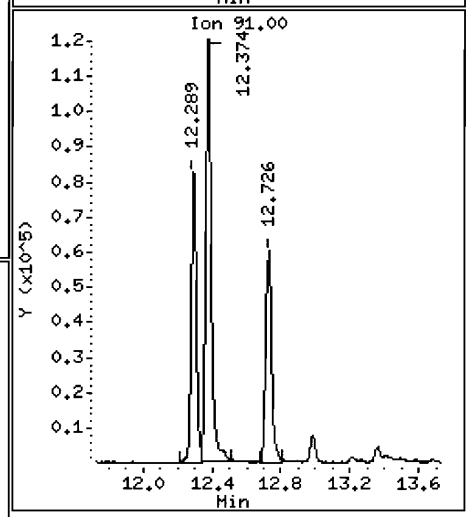










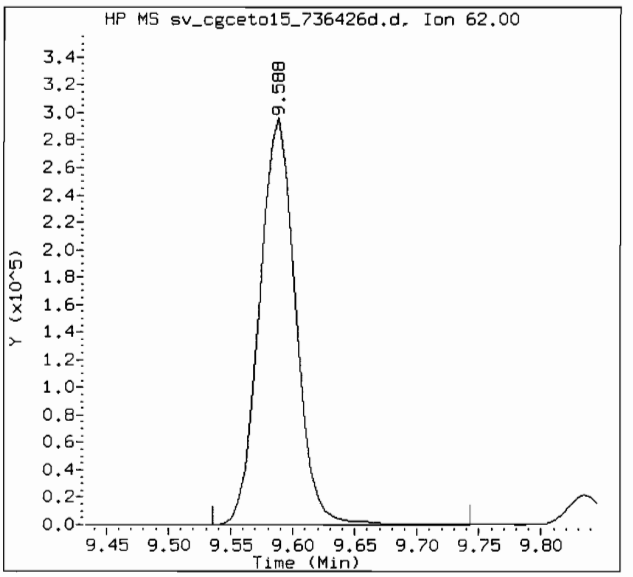


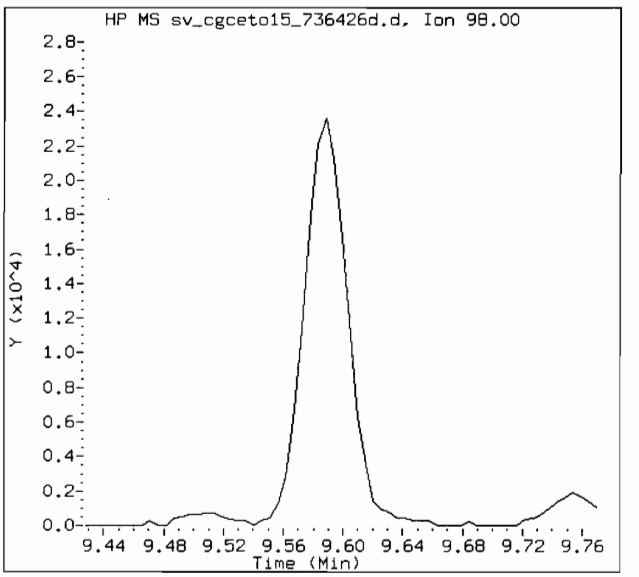
MANUAL INTEGRATION REPORT

Data File Name: 736426d.d
Client Sample ID: 71220VP-05V2N
Compound Name: 1,2-Dichloroethane

Inj. Date and Time: 04-JAN-2008 03:58
Instrument ID: C.i
CAS #: 107-06-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 01/09/2008 12:58

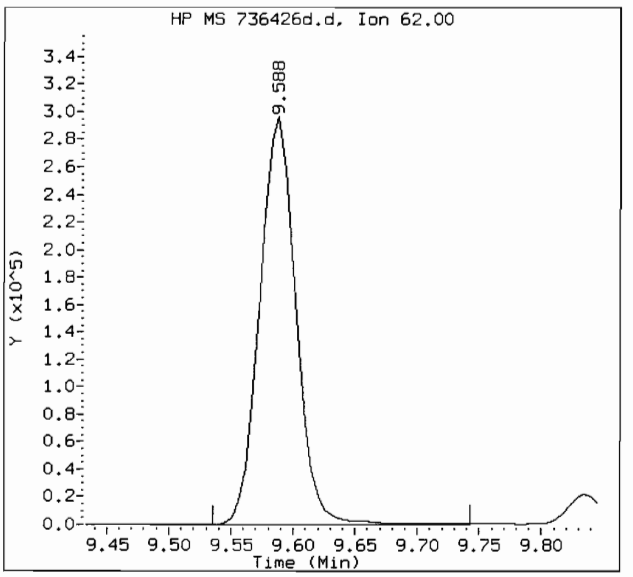


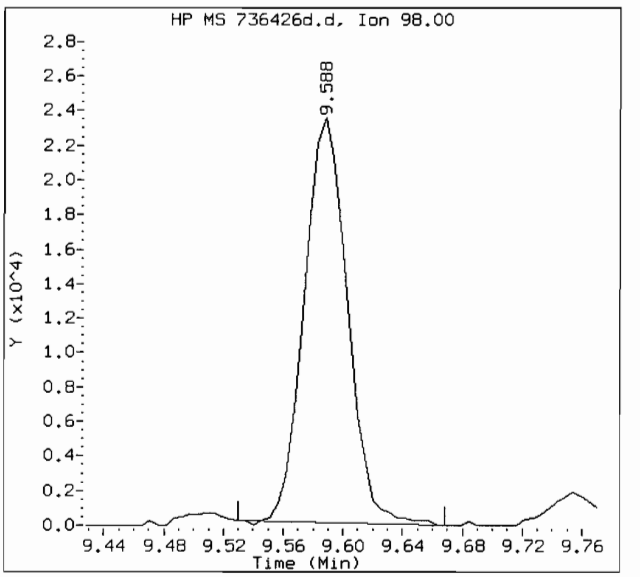


Original Integrations:

Area = 601531

Area = 95651





Final Integrations:

Area = 601531

Area = 46983

Manual Integration Reason: MI2 - Peak missed

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-06V1.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736425

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 736425D3

Level: (low/med) LOW Date Received: 12/21/07

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

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 362.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	180	U
75-01-4	Vinyl Chloride	120	
74-83-9	Bromomethane	72	U
75-00-3	Chloroethane	180	U
75-35-4	1,1-Dichloroethene	72	U
67-64-1	Acetone	1800	U
75-15-0	Carbon Disulfide	180	U
75-09-2	Methylene Chloride	180	U
156-60-5	trans-1,2-Dichloroethene	72	U
75-34-3	1,1-Dichloroethane	72	U
78-93-3	Methyl Ethyl Ketone	180	U
156-59-2	cis-1,2-Dichloroethene	72	U
67-66-3	Chloroform	72	U
71-55-6	1,1,1-Trichloroethane	72	U
56-23-5	Carbon Tetrachloride	72	U
71-43-2	Benzene	160	
107-06-2	1,2-Dichloroethane	72	U
79-01-6	Trichloroethene	72	U
78-87-5	1,2-Dichloropropane	72	U
75-27-4	Bromodichloromethane	72	U
10061-01-5	cis-1,3-Dichloropropene	72	U
108-10-1	Methyl Isobutyl Ketone	180	U
108-88-3	Toluene	9400	
10061-02-6	trans-1,3-Dichloropropene	72	U
79-00-5	1,1,2-Trichloroethane	72	U
127-18-4	Tetrachloroethene	72	U
591-78-6	Methyl Butyl Ketone	180	U
124-48-1	Dibromochloromethane	72	U
108-90-7	Chlorobenzene	72	U
100-41-4	Ethylbenzene	200	
1330-20-7	Xylene (m,p)	970	
95-47-6	Xylene (o)	280	
100-42-5	Styrene	72	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-06V1.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736425

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 736425D3

Level: (low/med) LOW Date Received: 12/21/07

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

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 362.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	72	U
79-34-5	1,1,2,2-Tetrachloroethane	72	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gbssto15.b/736425d3.d

Date : 08-JAN-2008 19:47

Client ID: 71220VP-06V1.5N

Sample Info: 20071220VP-06V1.5@N :[ ]12/20/07 @1051(AIR)

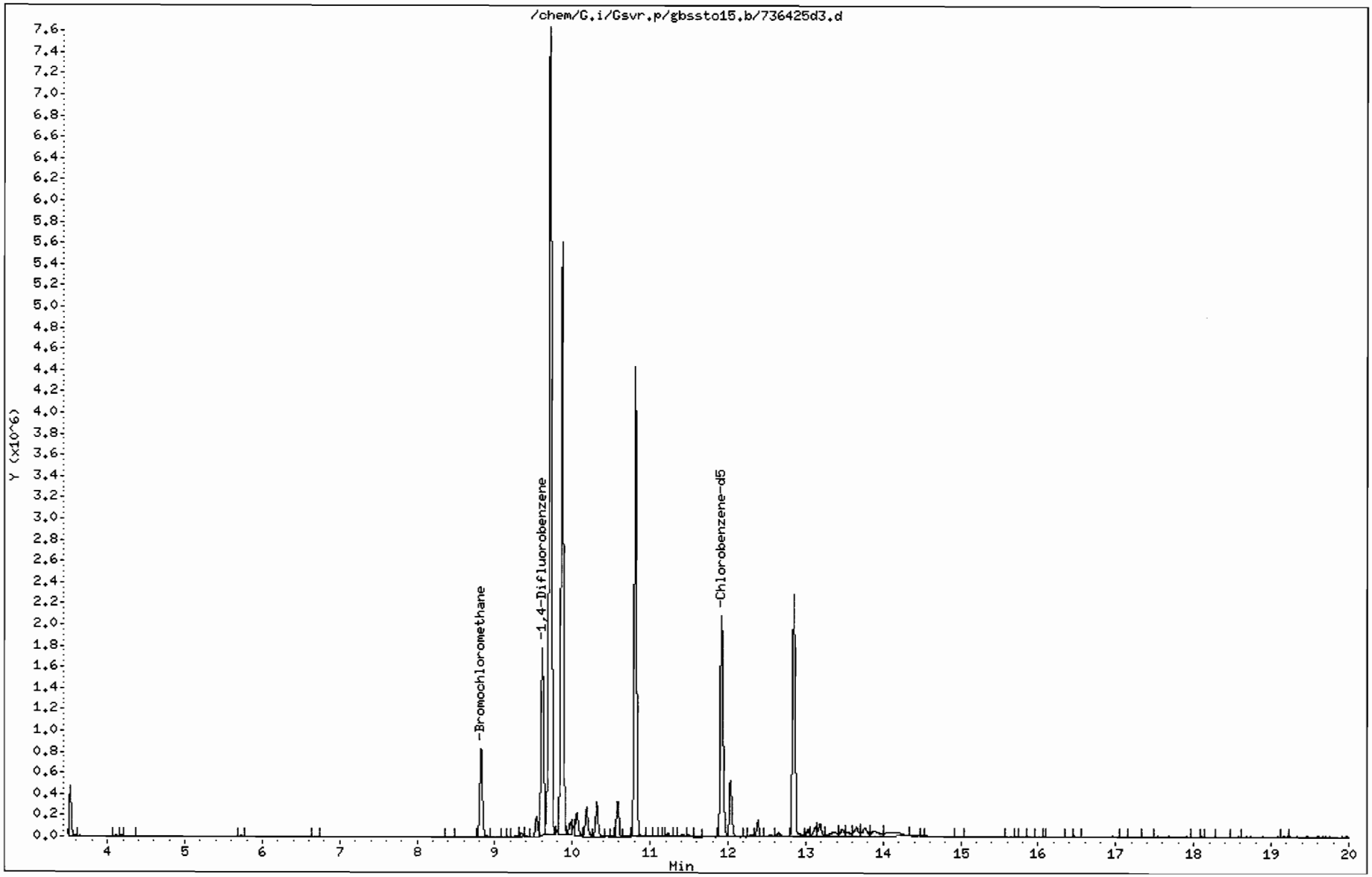
Purge Volume: 10.0

Column phase: RTX-624

Instrument: G.i

Operator: wrd

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbssto15.b/736425d3.d
Lab Smp Id: 736425 Client Smp ID: 71220VP-06V1.5N
Inj Date : 08-JAN-2008 19:47
Operator : wrd Inst ID: G.i
Smp Info : 20071220VP-06V1.5@N :[ ]12/20/07 @1051(AIR)
Misc Info : 736425;010808GA;362;10;cdf18.1
Comment :
Method : /chem/G.i/Gsvr.p/gbssto15.b/rto15.m
Meth Date : 09-Jan-2008 14:00 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 14:30 Cal File: gbs40v.d
Als bottle: 6
Dil Factor: 362.00000
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	362.00000	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	4.182	4.182	(0.474)	8228	0.33966	120
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	8.826	8.842	(1.000)	341578	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	9.345	9.350	(0.973)	50243	0.43344	160
	33 1,2-Dichloroethane	62	Compound Not Detected.					
*	35 1,4-Difluorobenzene	114	9.607	9.623	(1.000)	1823556	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	10.805	10.821	(0.907)	2440558	25.9714	9400
	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	11.918	11.929	(1.000)	1718575	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	11.950	11.961	(1.003)	118811	0.54725	200
	53 Xylene (m,p)	106	12.030	12.046	(1.009)	209813	2.68522	970
	54 Xylene (o)	106	12.383	12.394	(1.039)	57021	0.76501	280
	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/G.i/Gsvr.p/gbssto15.b/736425d3.d

Date : 08-JAN-2008 19:47

Client ID: 71220VP-06V1.5N

Instrument: G.i

Sample Info: 20071220VP-06V1.5@N :[ ]12/20/07 @1051(AIR)

Purge Volume: 10.0

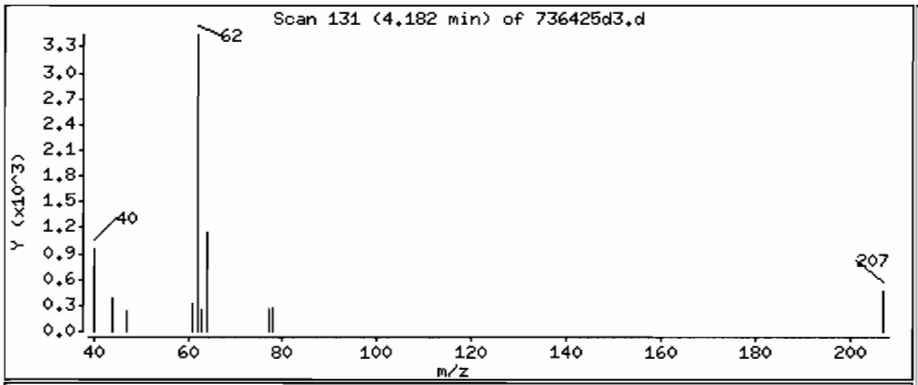
Operator: wrd

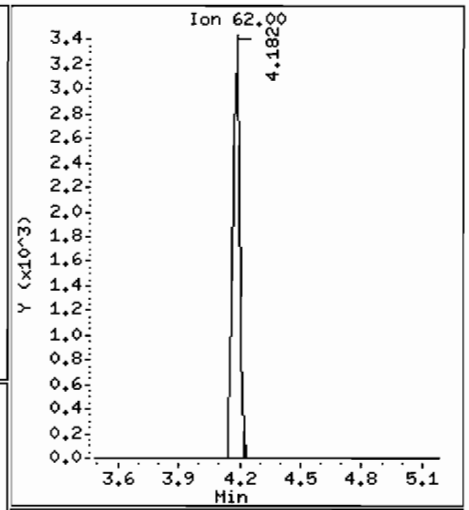
Column phase: RTX-624

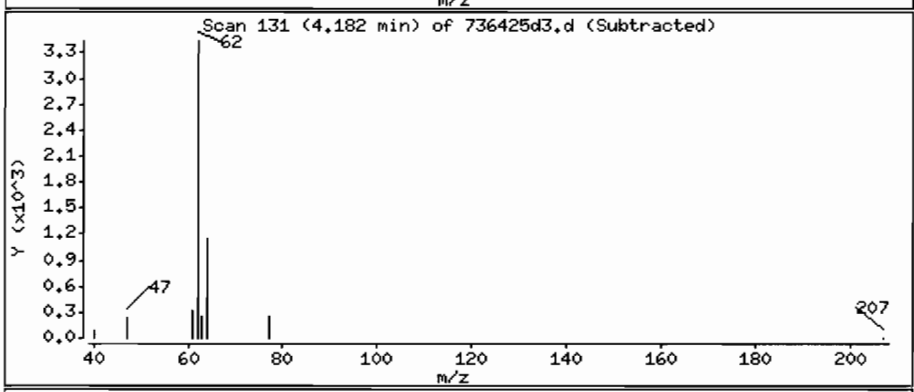
Column diameter: 0.32

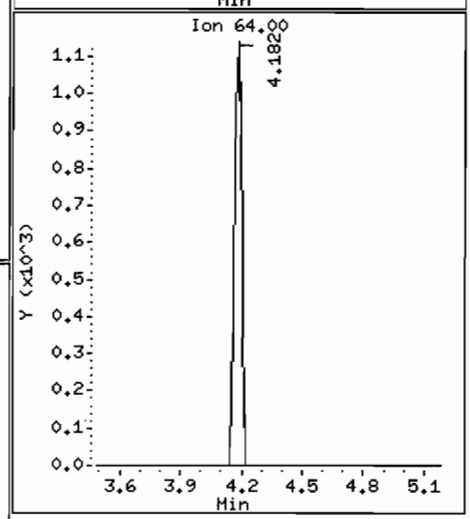
4 Vinyl Chloride

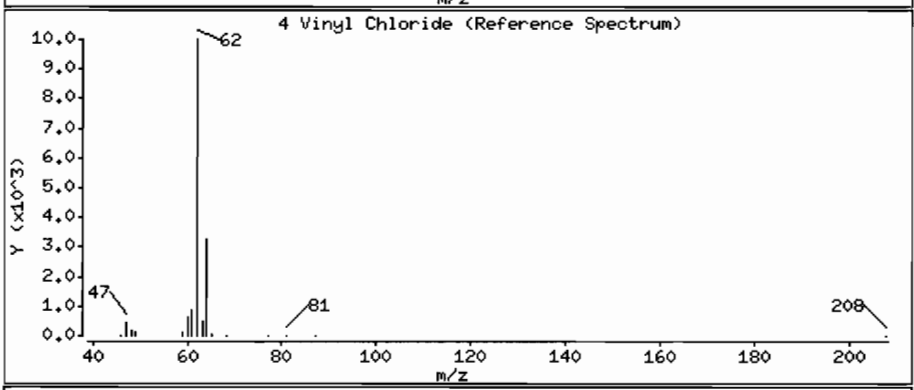
Concentration: 120 ppbv

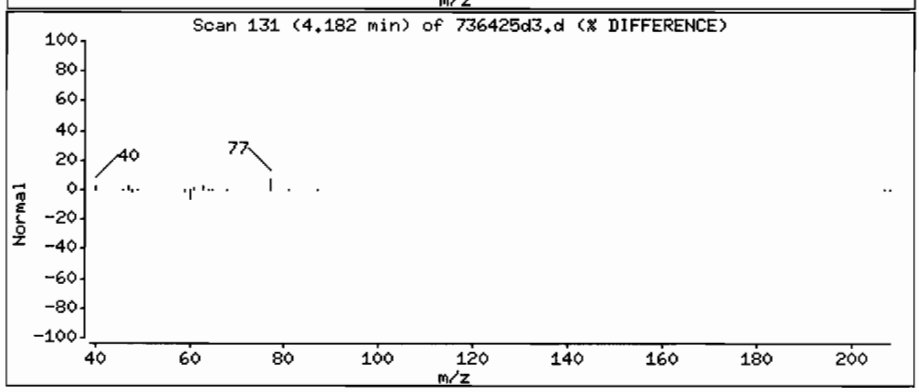












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736425d3.d

Date : 08-JAN-2008 19:47

Client ID: 71220VP-06V1.5N

Instrument: G.i

Sample Info: 20071220VP-06V1.50N :[J12/20/07 @1051(AIR)

Purge Volume: 10.0

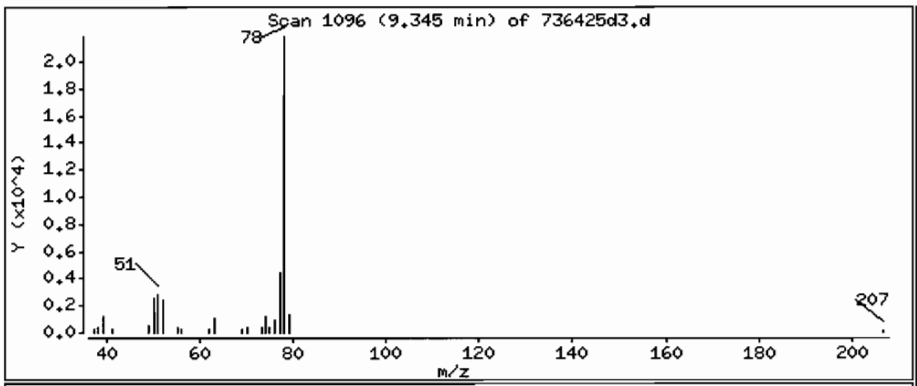
Operator: wrd

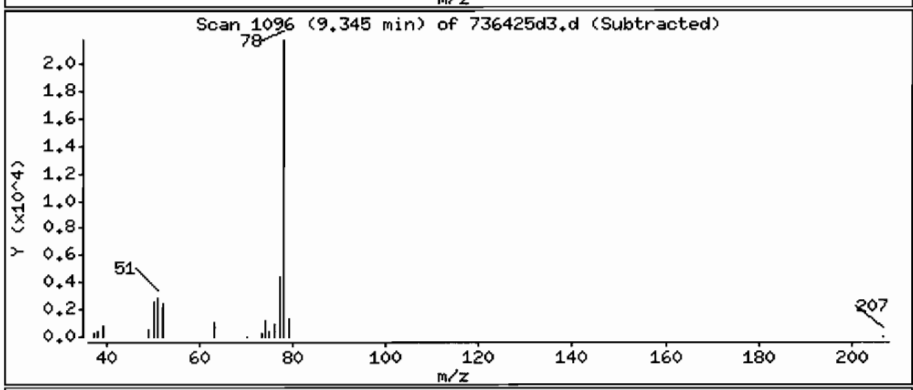
Column phase: RTX-624

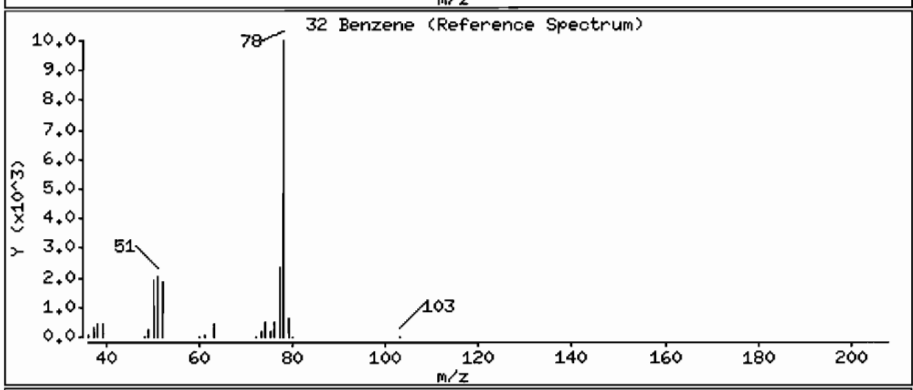
Column diameter: 0.32

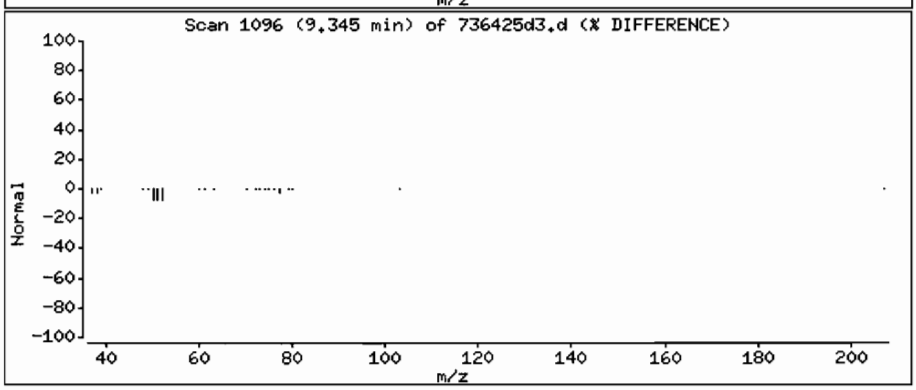
32 Benzene

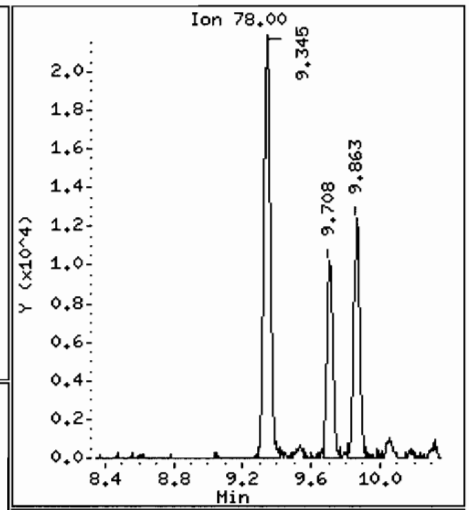
Concentration: 160 ppbv

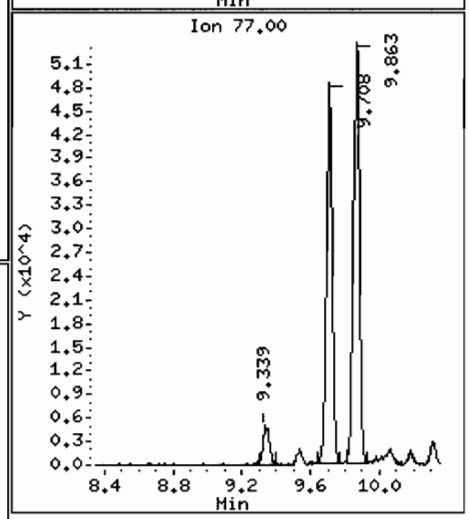












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736425d3.d

Date : 08-JAN-2008 19:47

Client ID: 71220VP-06V1.5N

Instrument: G.i

Sample Info: 20071220VP-06V1.5@N :[ ]12/20/07 @1051(AIR)

Purge Volume: 10.0

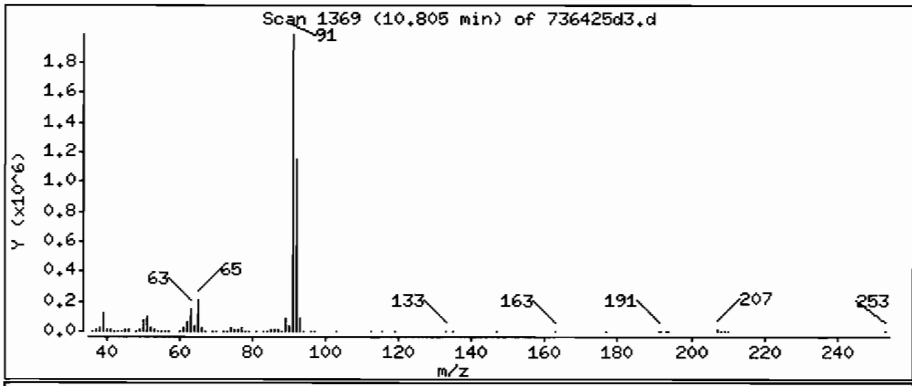
Operator: wrd

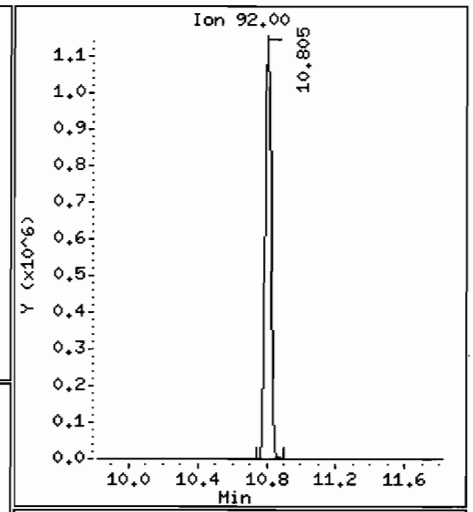
Column phase: RTX-624

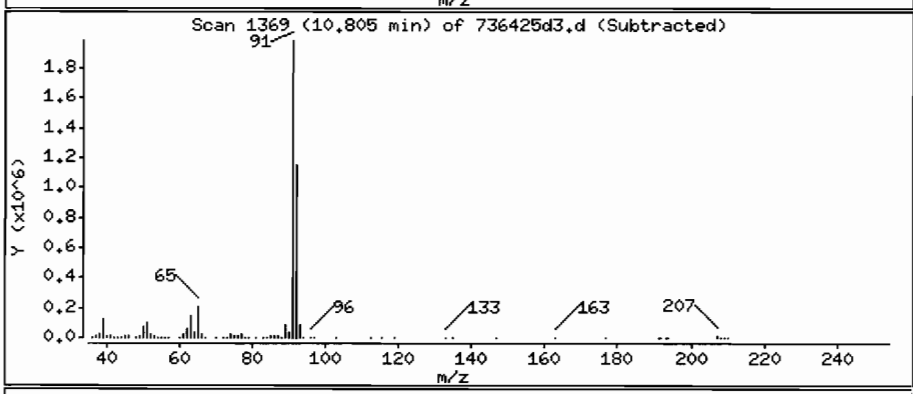
Column diameter: 0.32

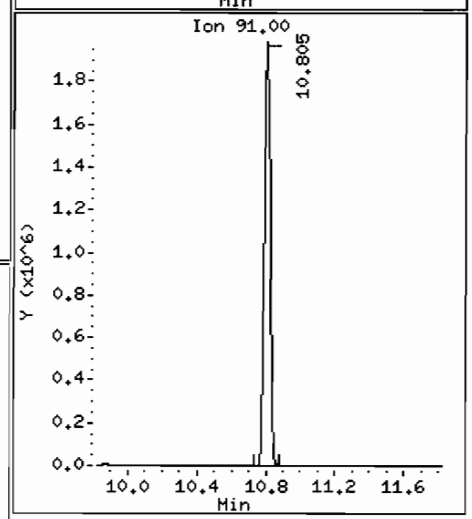
43 Toluene

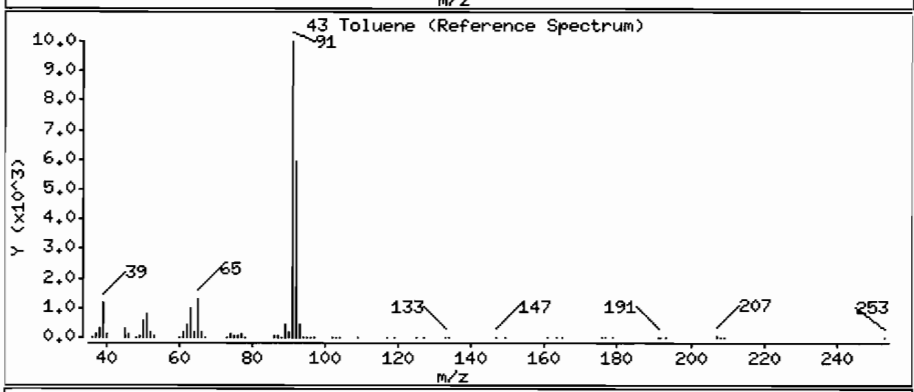
Concentration: 9400 ppbv

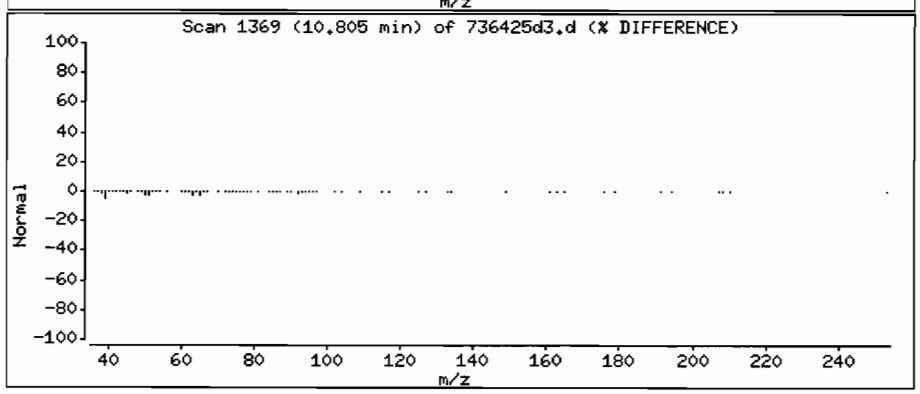












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736425d3.d

Date : 08-JAN-2008 19:47

Client ID: 71220VP-06V1.5N

Instrument: G.i

Sample Info: 20071220VP-06V1.5@N :[J12/20/07 @1051(AIR)

Purge Volume: 10.0

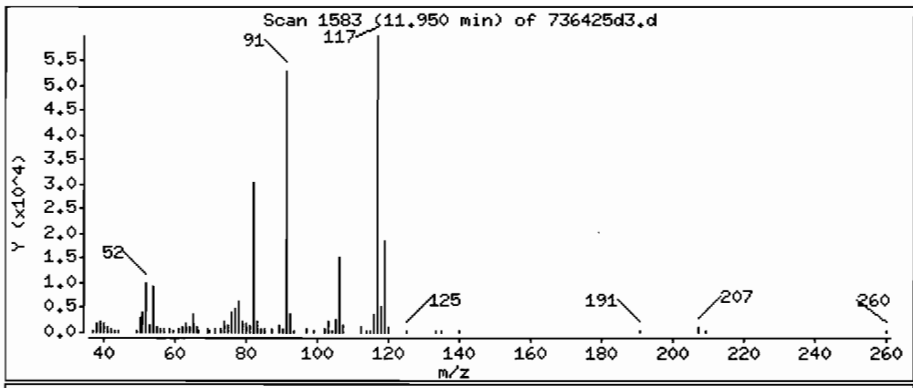
Operator: wrd

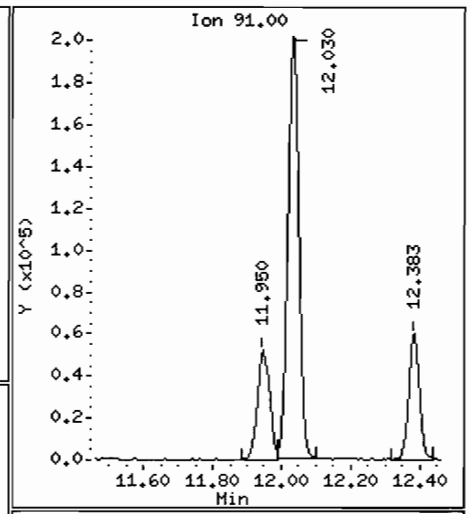
Column phase: RTX-624

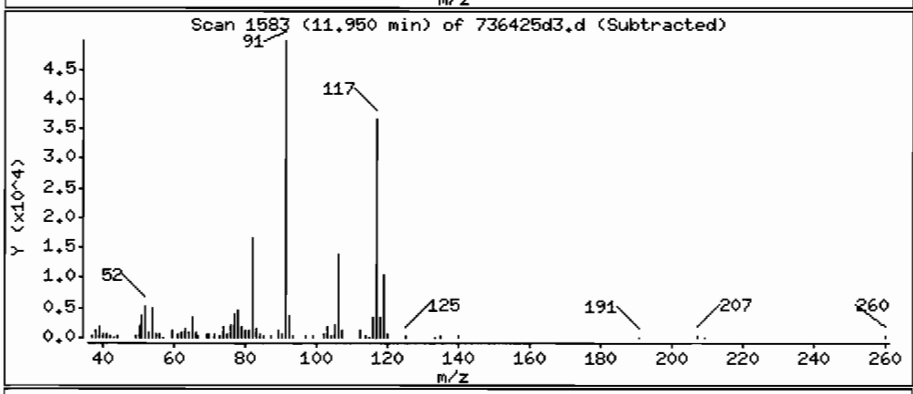
Column diameter: 0.32

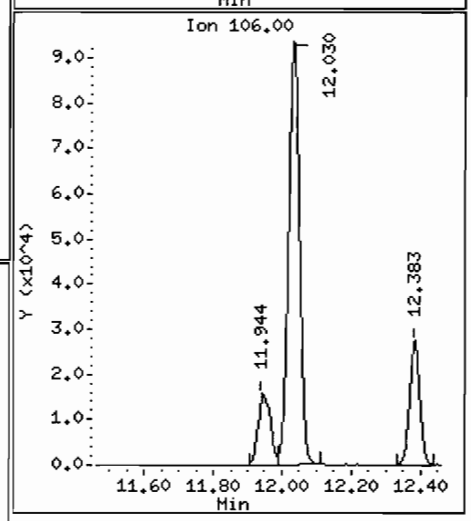
52 Ethylbenzene

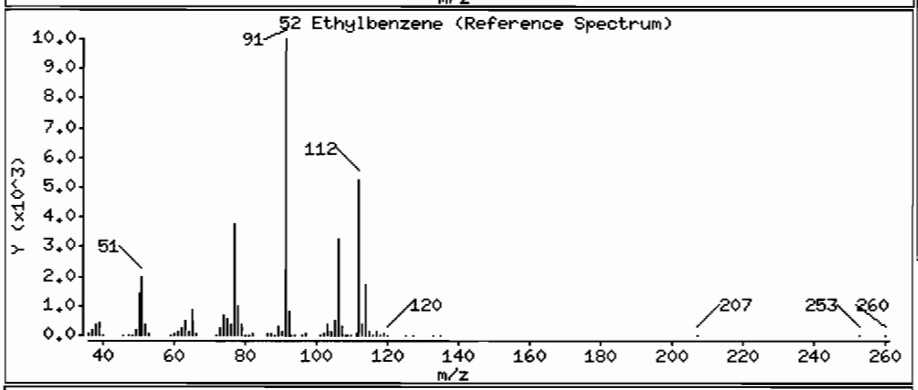
Concentration: 200 ppbv

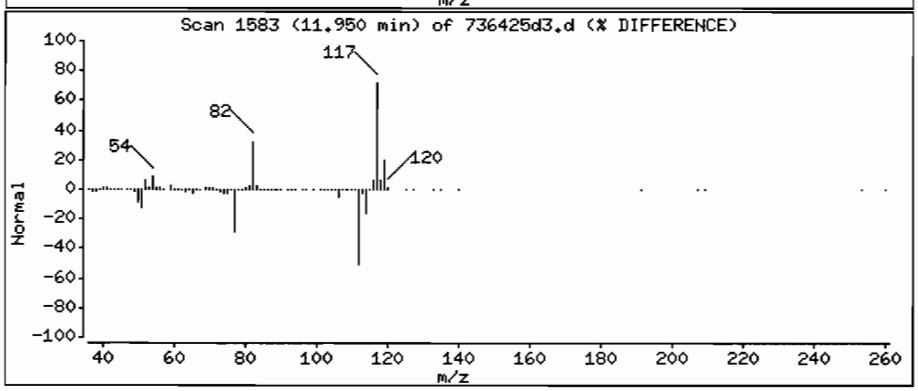












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Date : 08-JAN-2008 19:47

Client ID: 71220VP-06V1.5N

Instrument: G.i

Sample Info: 20071220VP-06V1.5@N :[ ]12/20/07 @1051(AIR)

Purge Volume: 10.0

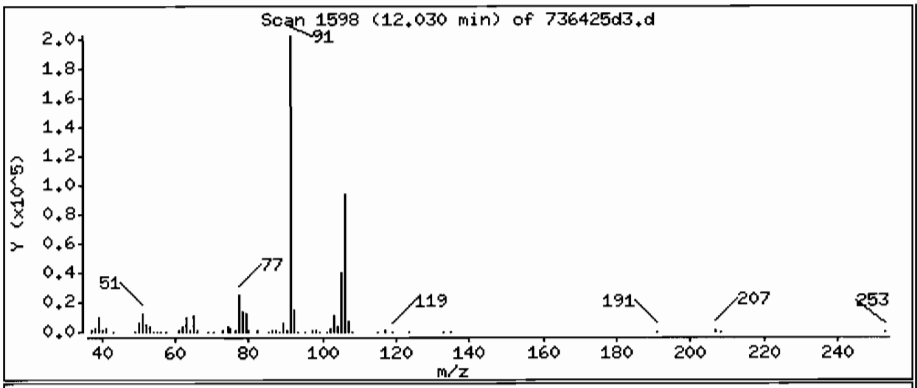
Operator: wrd

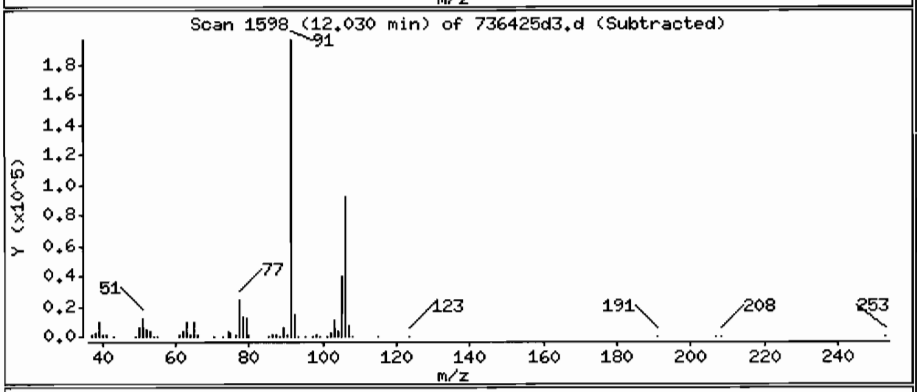
Column phase: RTX-624

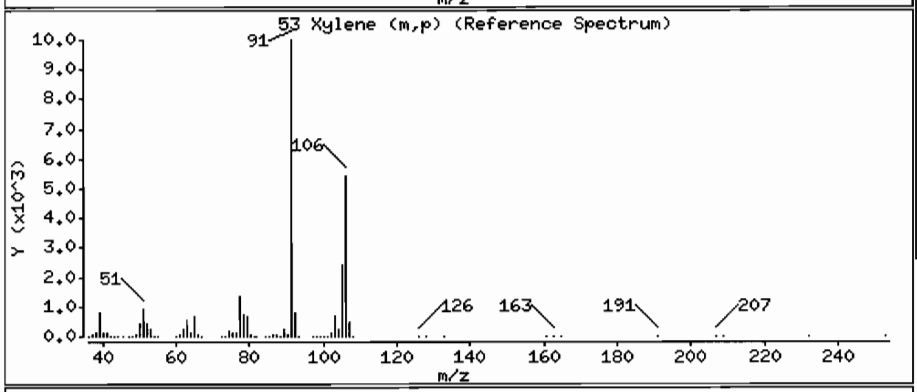
Column diameter: 0.32

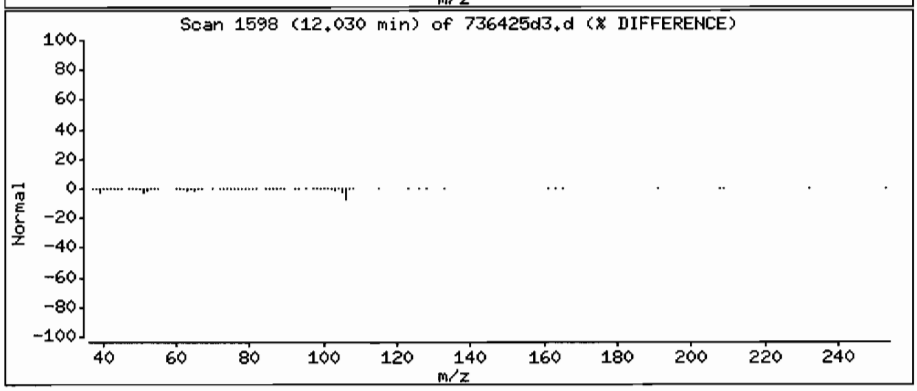
53 Xylene (m,p)

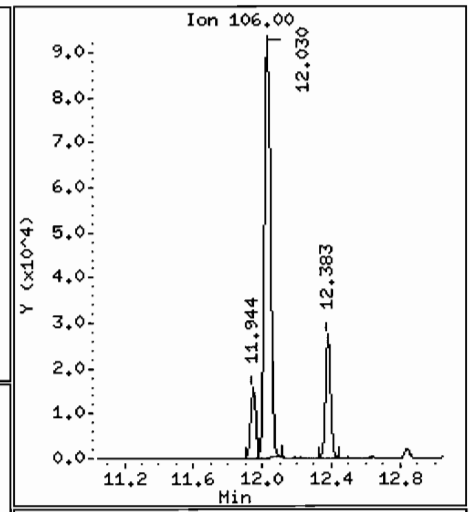
Concentration: 970 ppbv

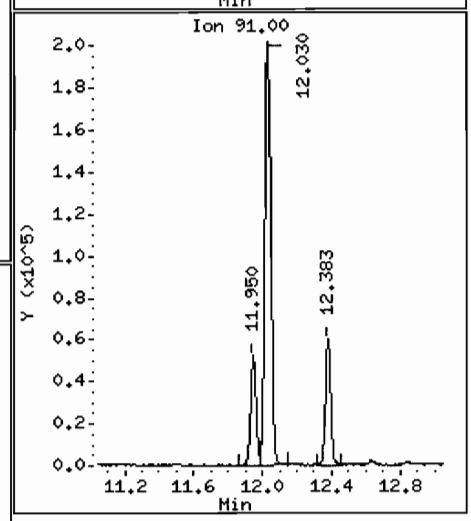












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736425d3.d

Date : 08-JAN-2008 19:47

Client ID: 71220VP-06V1.5N

Instrument: G.i

Sample Info: 20071220VP-06V1.50N :[J12/20/07 @1051(AIR)

Purge Volume: 10.0

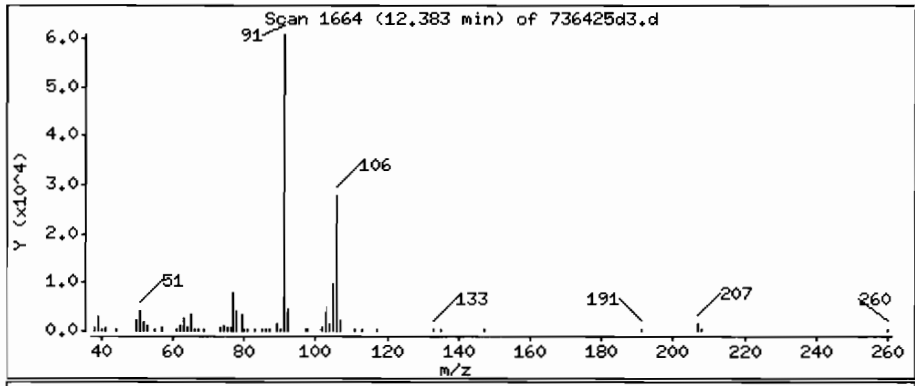
Operator: wrd

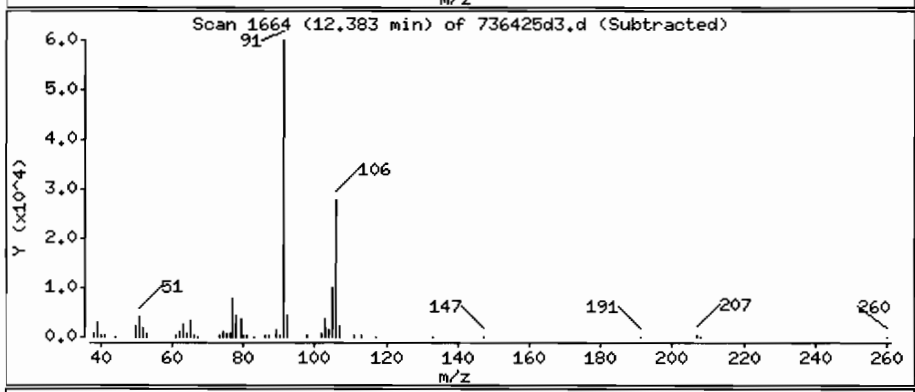
Column phase: RTX-624

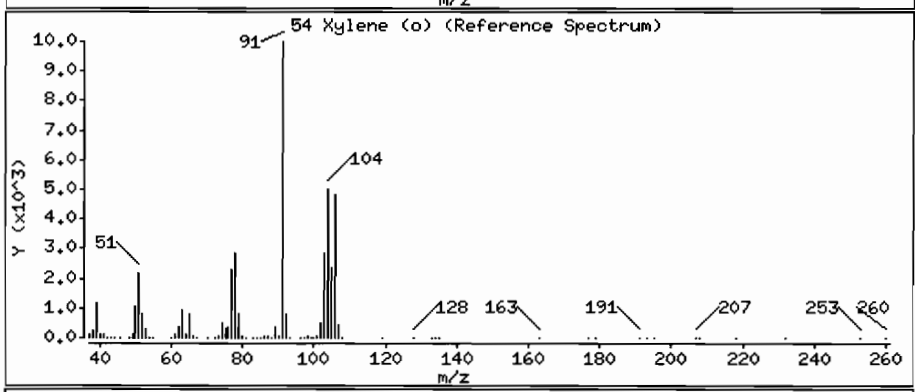
Column diameter: 0.32

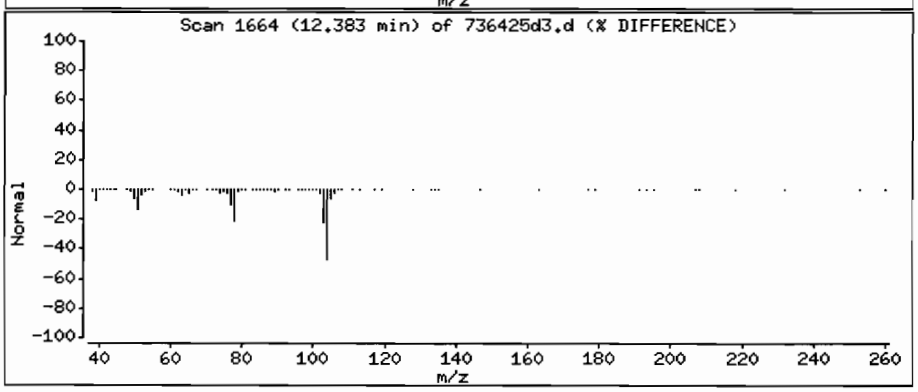
54 Xylene (o)

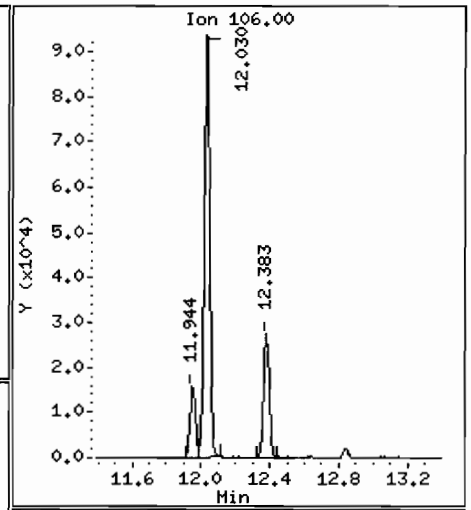
Concentration: 280 ppbv

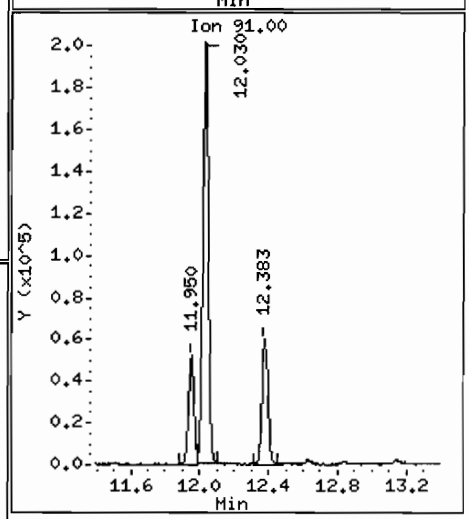












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-09V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736424

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 736424D4

Level: (low/med) LOW Date Received: 12/21/07

% Moisture: not dec. _____ Date Analyzed: 01/09/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 26.6

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	81	
74-83-9	Bromomethane	5.3	U
75-00-3	Chloroethane	13	U
75-35-4	1,1-Dichloroethene	5.3	U
67-64-1	Acetone	130	U
75-15-0	Carbon Disulfide	230	
75-09-2	Methylene Chloride	13	U
156-60-5	trans-1,2-Dichloroethene	5.3	U
75-34-3	1,1-Dichloroethane	5.3	U
78-93-3	Methyl Ethyl Ketone	13	U
156-59-2	cis-1,2-Dichloroethene	5.3	U
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	5.3	U
56-23-5	Carbon Tetrachloride	5.3	U
71-43-2	Benzene	5.3	U
107-06-2	1,2-Dichloroethane	31	
79-01-6	Trichloroethene	5.3	U
78-87-5	1,2-Dichloropropane	5.3	U
75-27-4	Bromodichloromethane	5.3	U
10061-01-5	cis-1,3-Dichloropropene	5.3	U
108-10-1	Methyl Isobutyl Ketone	13	U
108-88-3	Toluene	770	
10061-02-6	trans-1,3-Dichloropropene	5.3	U
79-00-5	1,1,2-Trichloroethane	5.3	U
127-18-4	Tetrachloroethene	5.3	U
591-78-6	Methyl Butyl Ketone	13	U
124-48-1	Dibromochloromethane	5.3	U
108-90-7	Chlorobenzene	5.3	U
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	34	
95-47-6	Xylene (o)	7.1	
100-42-5	Styrene	5.3	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-09V2N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736424

Sample wt/vol: 10.00 (g/mL) ML Lab File ID: 736424D4

Level: (low/med) LOW Date Received: 12/21/07

% Moisture: not dec. _____ Date Analyzed: 01/09/08

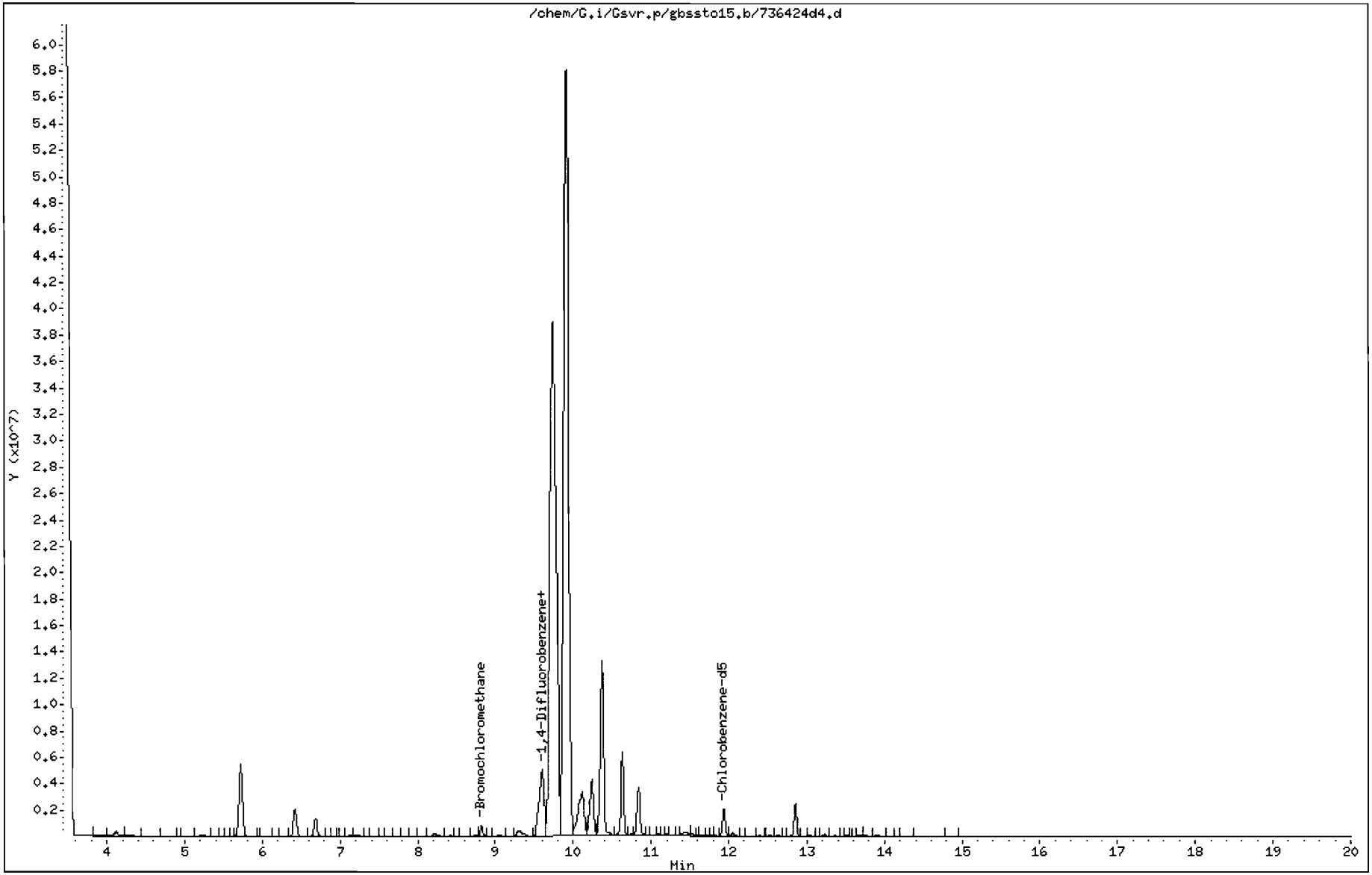
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 26.6

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	5.3	U
79-34-5	1,1,2,2-Tetrachloroethane	5.3	U

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gbssto15.b/736424d4.d
Date : 09-JAN-2008 07:44
Client ID: 71220VP-09V2N
Instrument: G.i
Sample Info: 20071220VP-09V20N :[J12/20/07 @1027(AIR)
Purge Volume: 10.0
Operator: wrd
Column phase: RTX-624
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbssto15.b/736424d4.d
Lab Smp Id: 736424 Client Smp ID: 71220VP-09V2N
Inj Date : 09-JAN-2008 07:44
Operator : wrd Inst ID: G.i
Smp Info : 20071220VP-09V2@N :[ ]12/20/07 @1027(AIR)
Misc Info : 736424;010808GA;26.6;10;cdf1.33
Comment :
Method : /chem/G.i/Gsvr.p/gbssto15.b/rto15.m
Meth Date : 09-Jan-2008 14:00 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 14:30 Cal File: gbs40v.d
Als bottle: 5
Dil Factor: 26.60000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	26.60000	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	4.187	4.182	(0.474)	65850	3.04935	81
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	6.686	6.910	(0.758)	736190	8.64664	230
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	8.826	8.842	(1.000)	304499	10.0000	
27 Chloroform	83	8.852	8.863	(1.003)	33128	0.37563	10(M)
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	9.382	9.398	(0.977)	72593	1.16284	31(M)
*	35 1,4-Difluorobenzene	114	9.607	9.623	(1.000)	1650028	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	10.837	10.821	(0.908)	2634553	29.0034 ✓	770
	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	11.939	11.929	(1.000)	1661244	10.0000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	11.966	11.961	(1.002)	84451	0.40241	11
	53 Xylene (m,p)	106	12.051	12.046	(1.009)	96959	1.28372	34
	54 Xylene (o)	106	12.394	12.394	(1.038)	19214	0.26668	7.1
	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

M - Compound response manually integrated.

Data File: /chem/G.i/Gsvr.p/gbssto15.b/736424d4.d

Date : 09-JAN-2008 07:44

Client ID: 71220VP-09V2N

Instrument: G.i

Sample Info: 20071220VP-09V2@N :[ ]12/20/07 @1027(AIR)

Purge Volume: 10.0

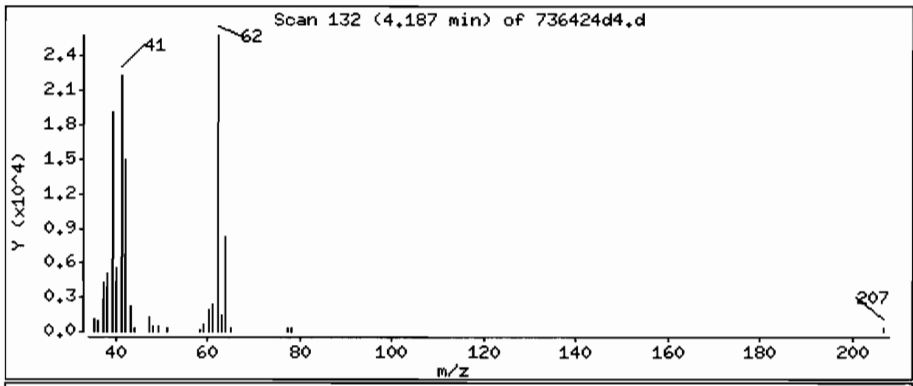
Operator: wrd

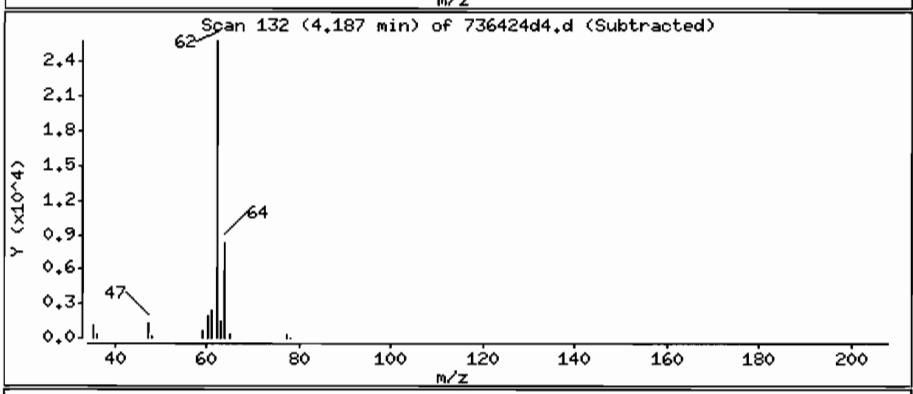
Column phase: RTX-624

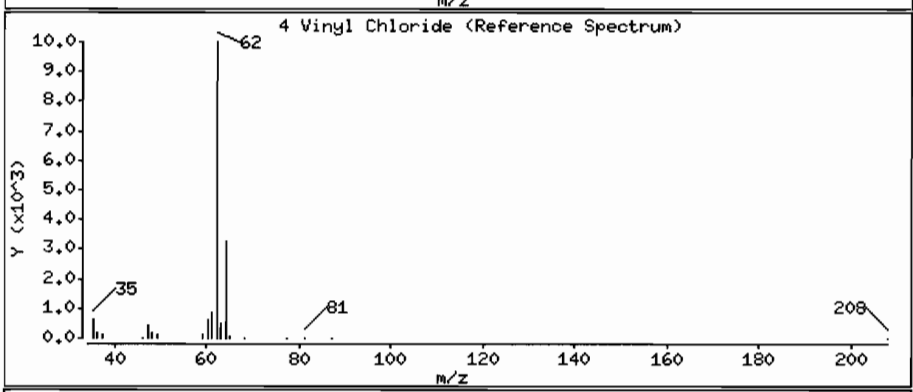
Column diameter: 0.32

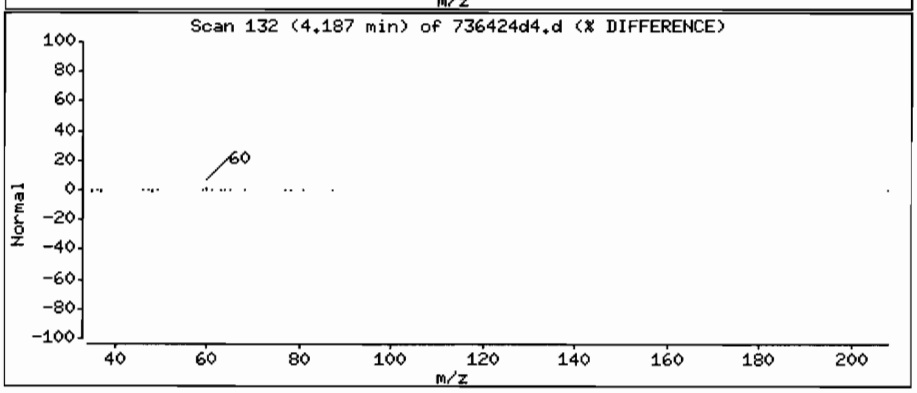
4 Vinyl Chloride

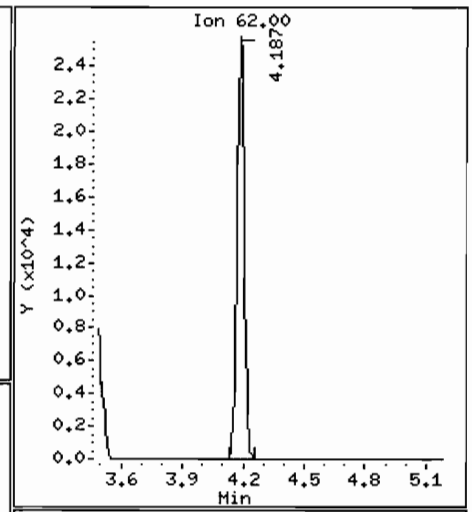
Concentration: 81 ppbv

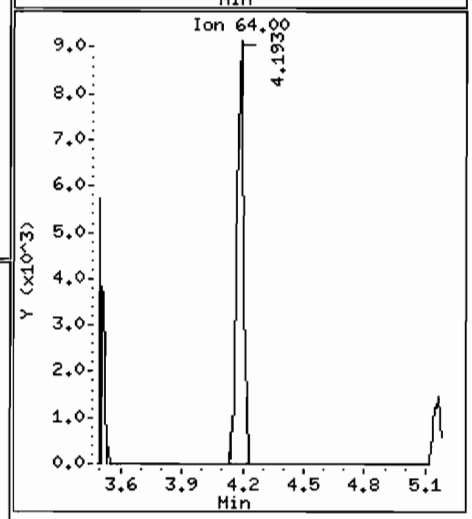












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736424d4.d

Date : 09-JAN-2008 07:44

Client ID: 71220VP-09V2N

Instrument: G.i

Sample Info: 20071220VP-09V2@N :[J12/20/07 @1027(AIR)

Purge Volume: 10.0

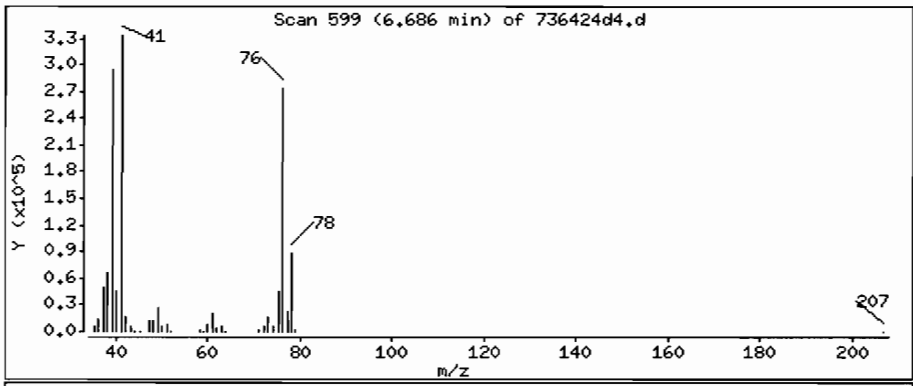
Operator: wrd

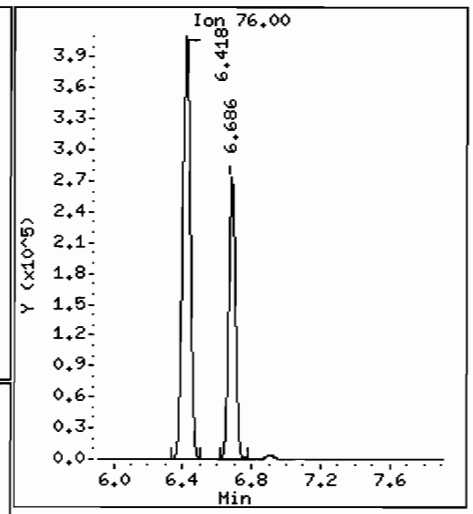
Column phase: RTX-624

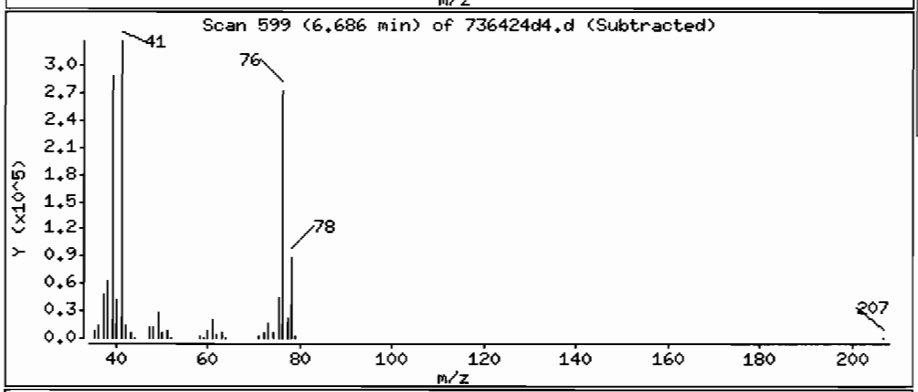
Column diameter: 0.32

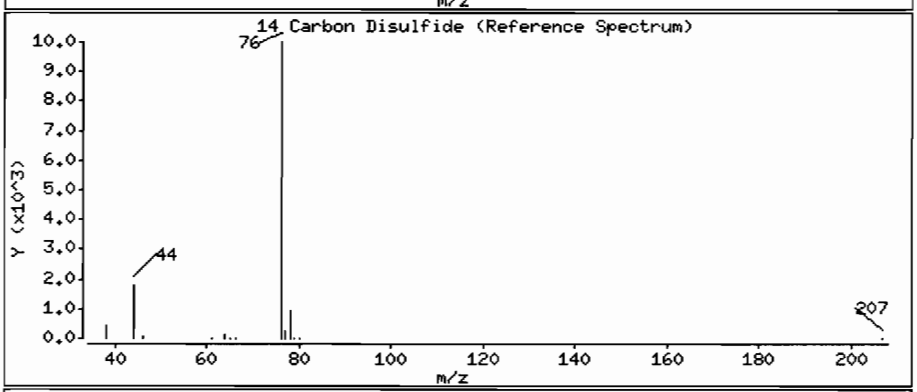
14 Carbon Disulfide

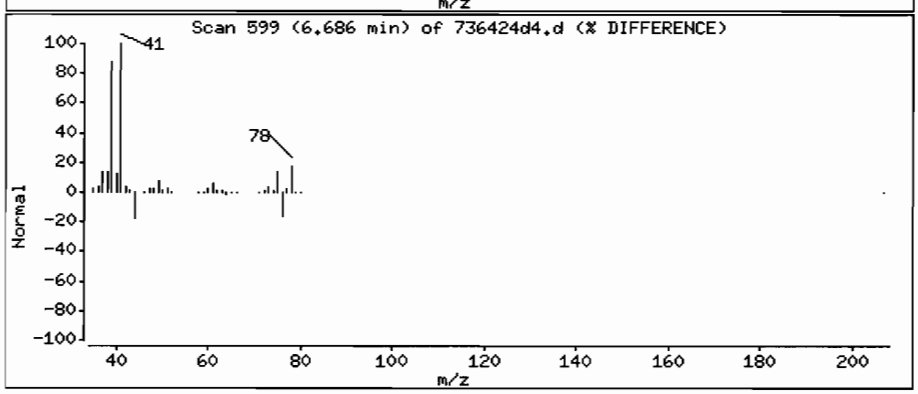
Concentration: 230 ppbv











Data File: /chem/G.i/Gsvr.p/gbssto15.b/736424d4.d

Date : 09-JAN-2008 07:44

Client ID: 71220VP-09V2N

Instrument: G.i

Sample Info: 20071220VP-09V2@N :[J12/20/07 @1027(AIR)

Purge Volume: 10.0

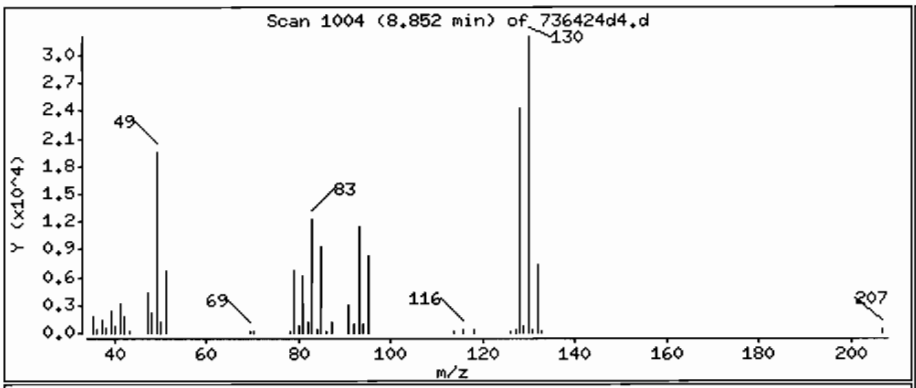
Operator: wrd

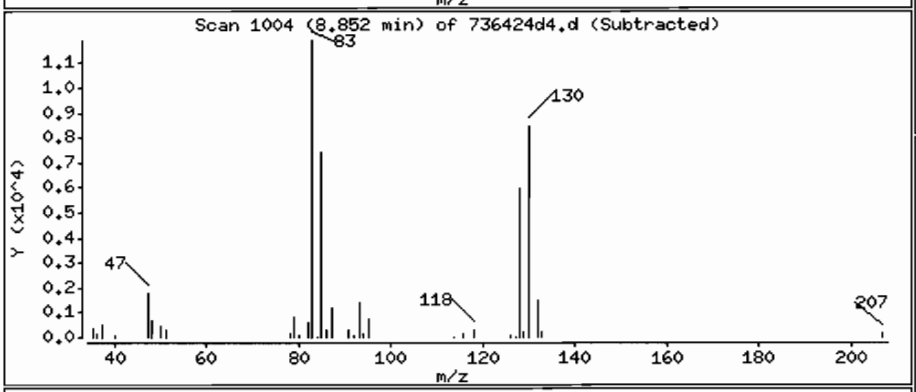
Column phase: RTX-624

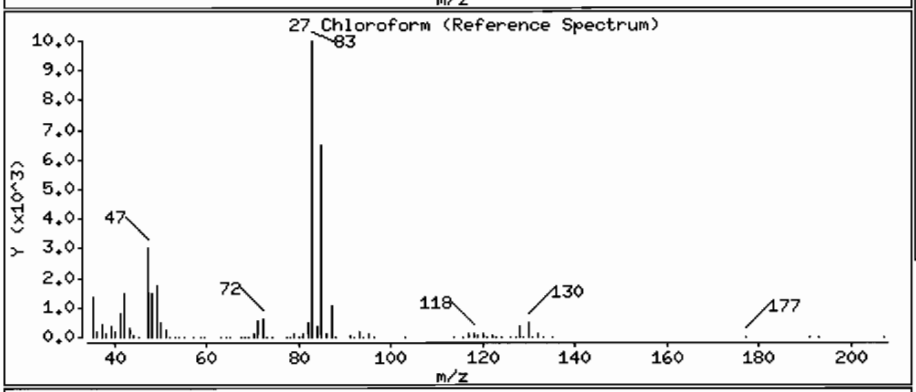
Column diameter: 0.32

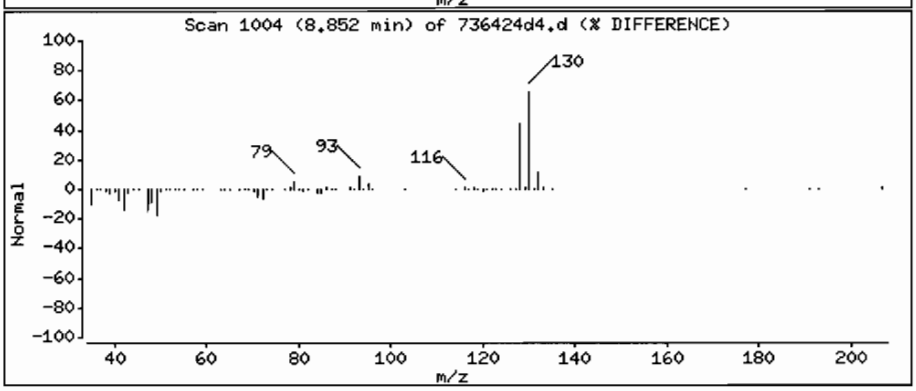
27 Chloroform

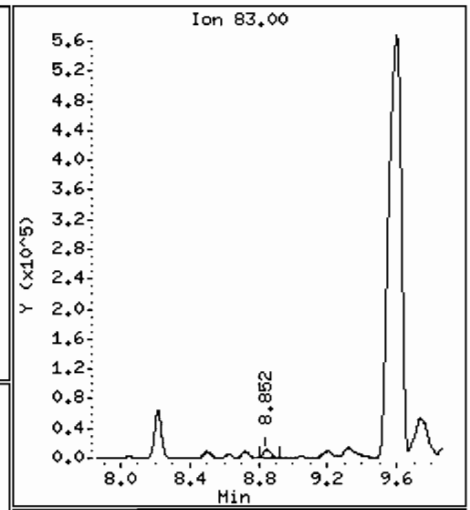
Concentration: 10 ppbv

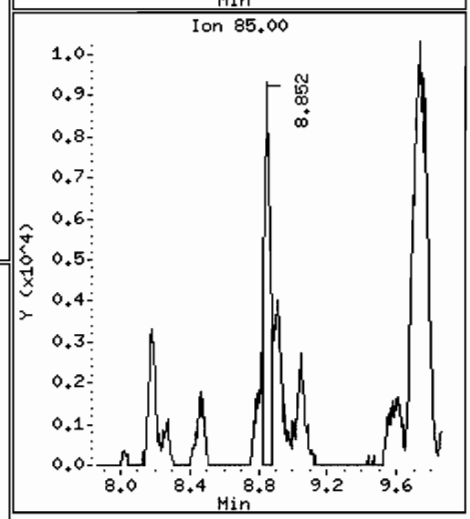












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736424d4.d

Date : 09-JAN-2008 07:44

Client ID: 71220VP-09V2N

Instrument: G.i

Sample Info: 20071220VP-09V2@N :[ ]12/20/07 @1027(AIR)

Purge Volume: 10.0

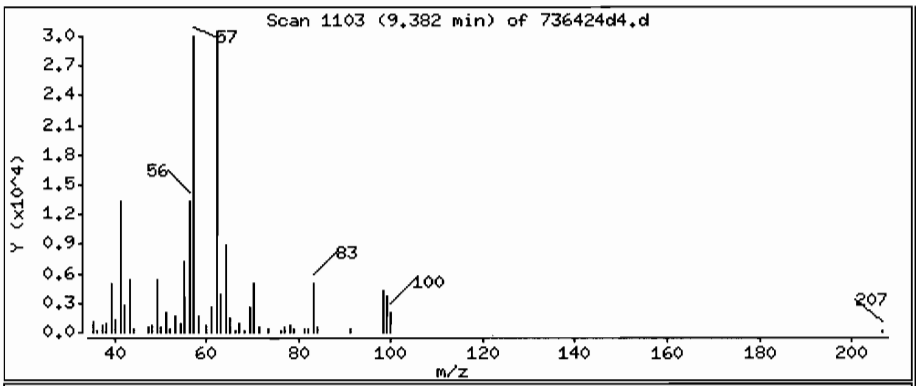
Operator: wrd

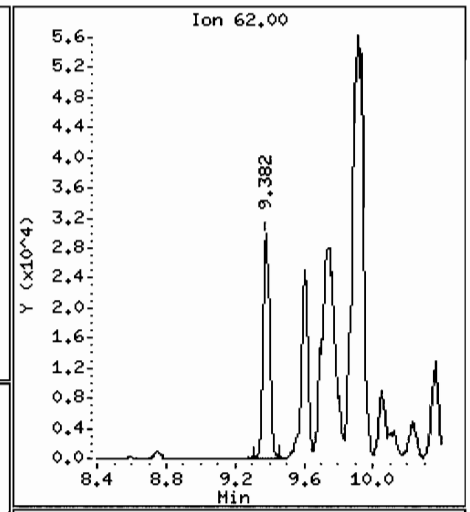
Column phase: RTX-624

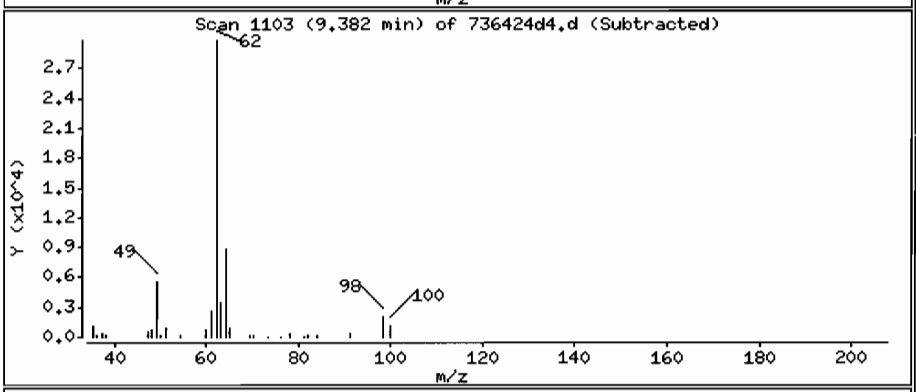
Column diameter: 0.32

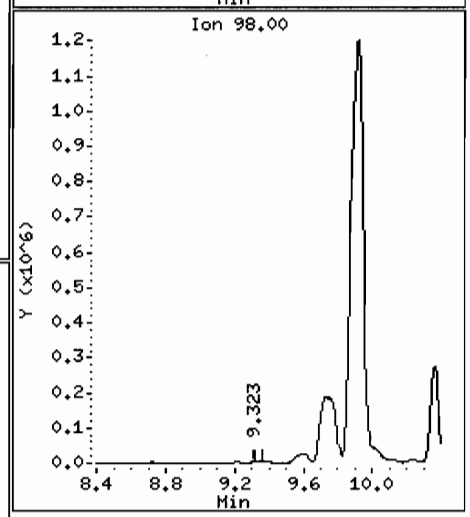
33 1,2-Dichloroethane

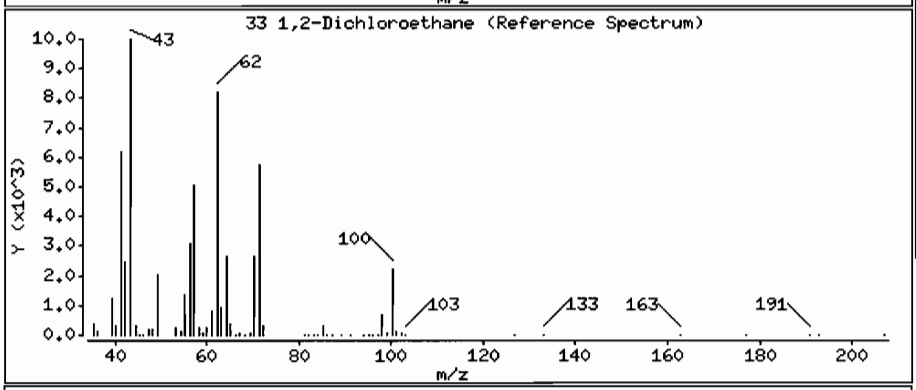
Concentration: 31 ppbv

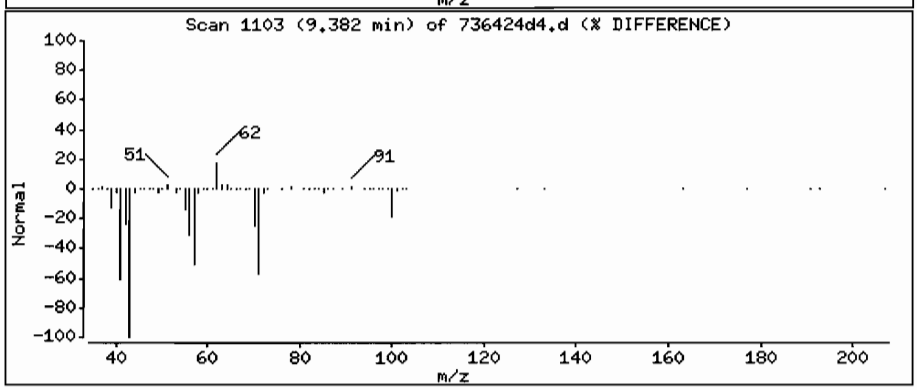












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736424d4.d

Date : 09-JAN-2008 07:44

Client ID: 71220VP-09V2N

Instrument: G.i

Sample Info: 20071220VP-09V2@N :[J12/20/07 @1027(AIR)

Purge Volume: 10.0

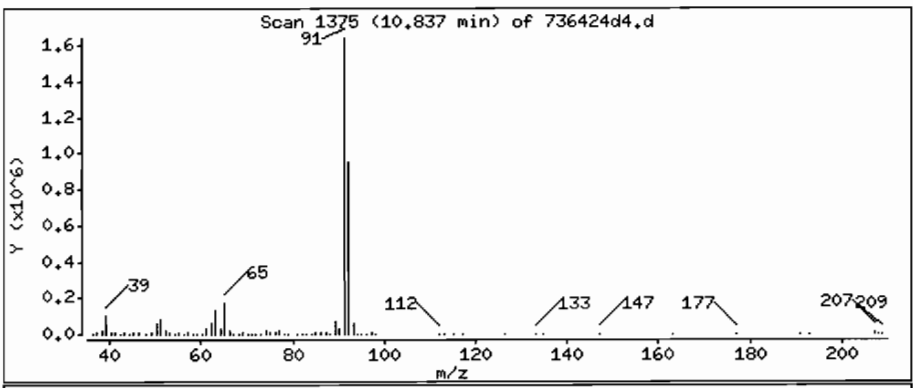
Operator: wrd

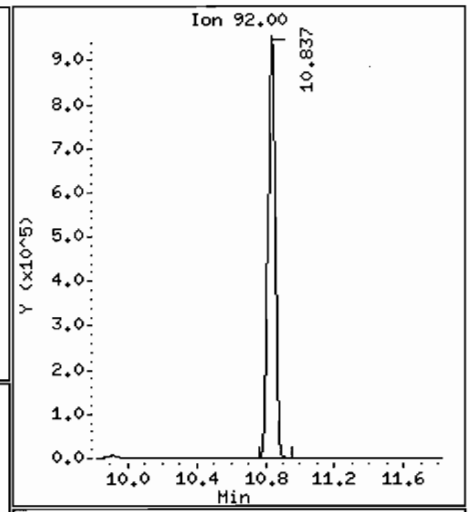
Column phase: RTX-624

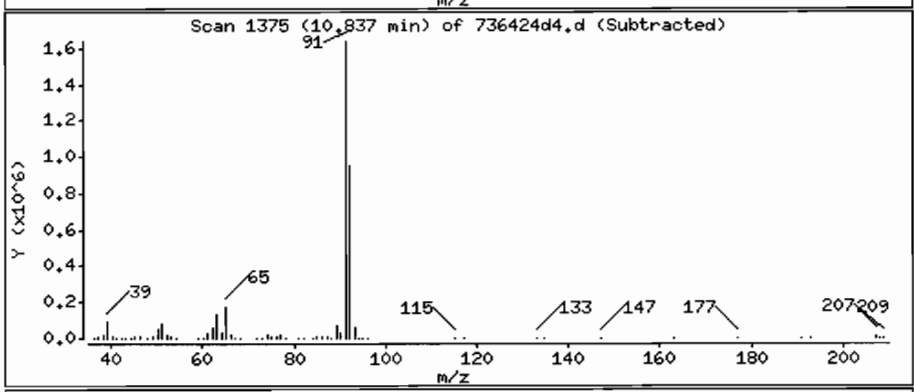
Column diameter: 0.32

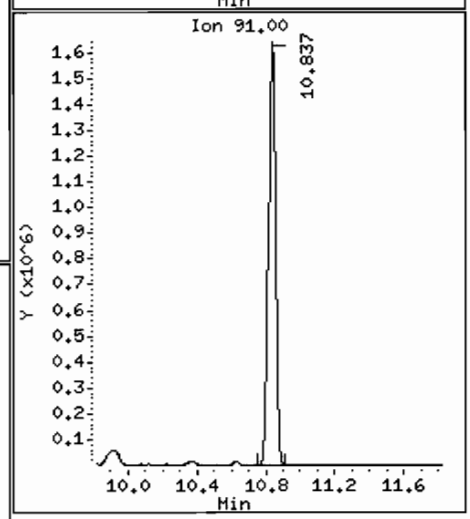
43 Toluene

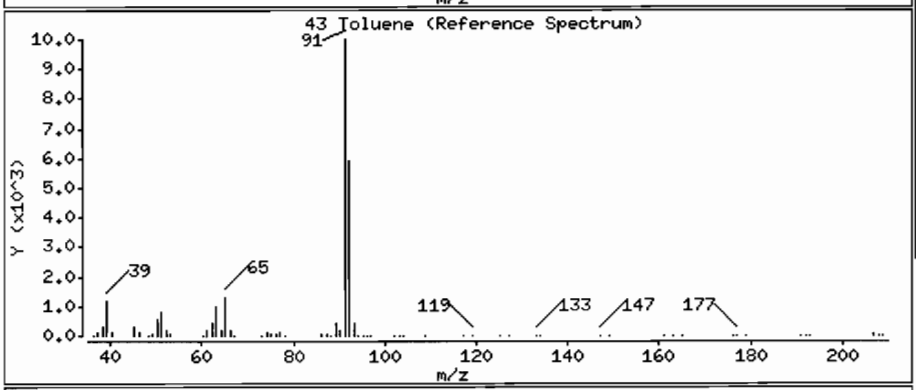
Concentration: 770 ppbv

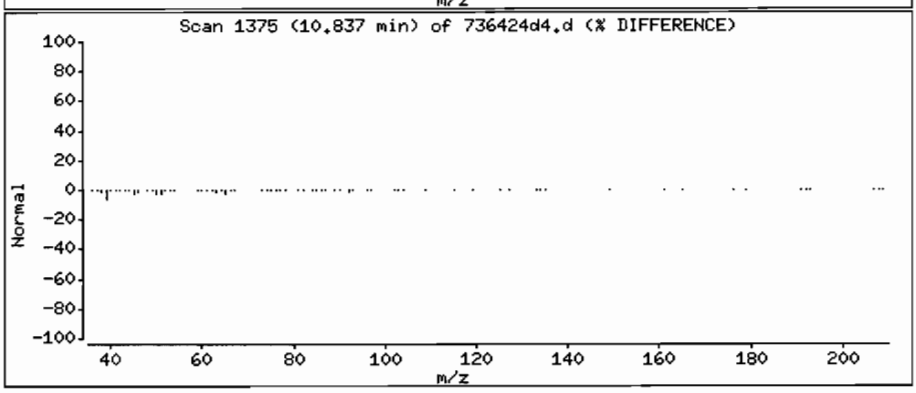












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736424d4.d

Date : 09-JAN-2008 07:44

Client ID: 71220VP-09V2N

Instrument: G.i

Sample Info: 20071220VP-09V20N :[J12/20/07 @1027(AIR)

Purge Volume: 10.0

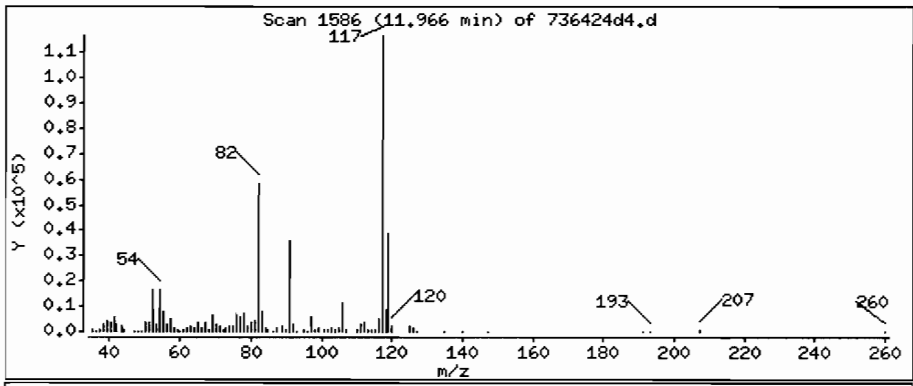
Operator: wrd

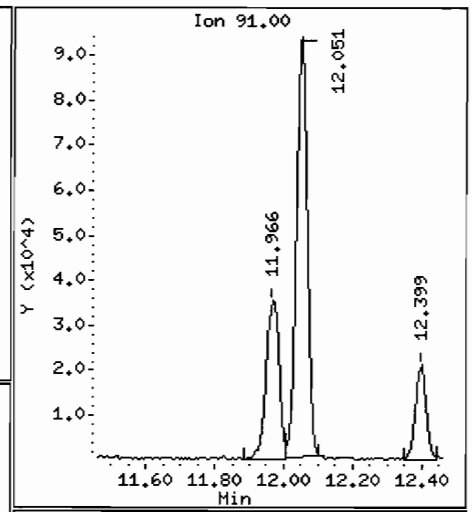
Column phase: RTX-624

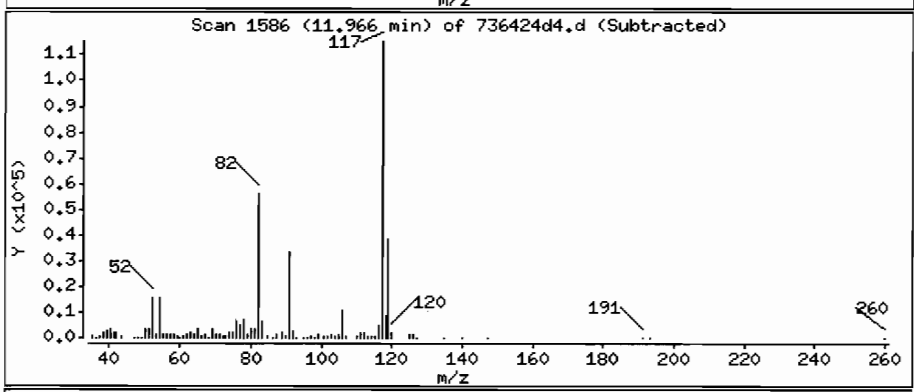
Column diameter: 0.32

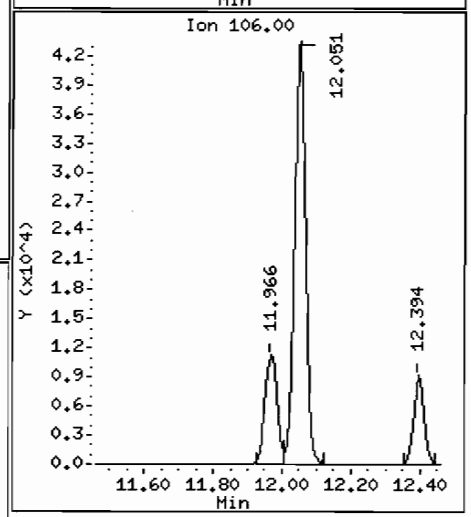
52 Ethylbenzene

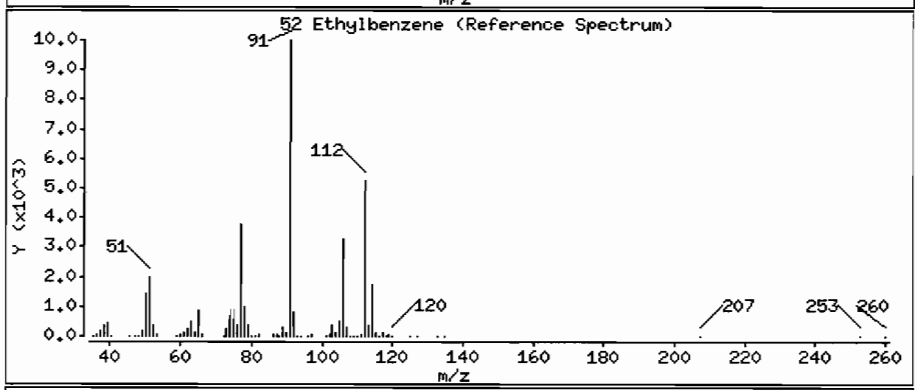
Concentration: 11 ppbv

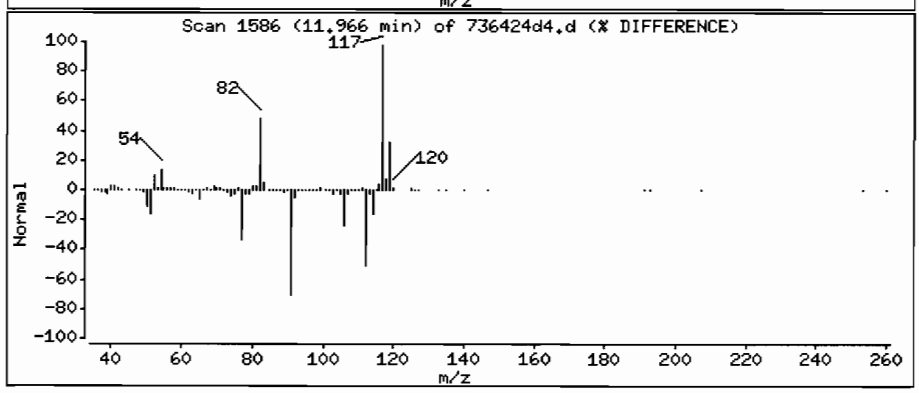












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736424d4.d

Date : 09-JAN-2008 07:44

Client ID: 71220VP-09V2N

Instrument: G.i

Sample Info: 20071220VP-09V2@N :[J12/20/07 @1027(AIR)

Purge Volume: 10.0

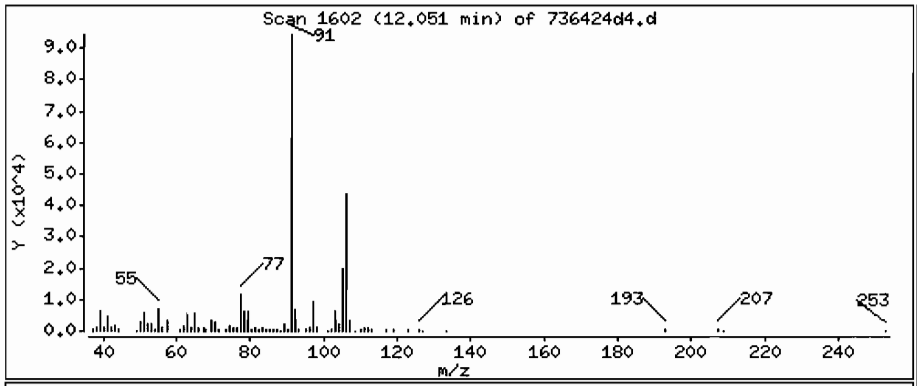
Operator: wrd

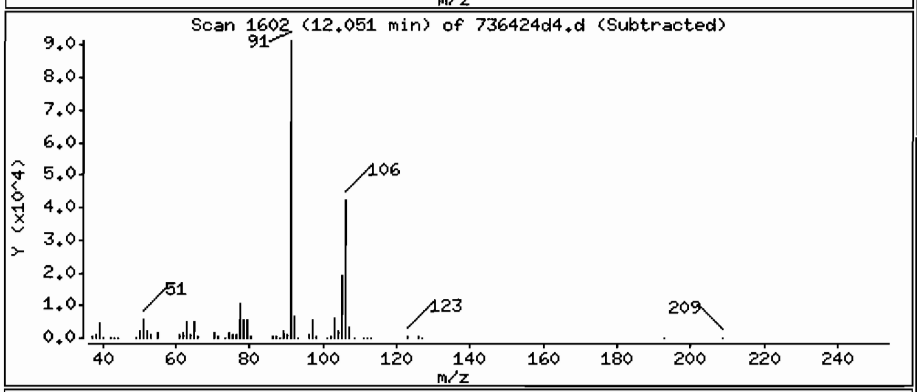
Column phase: RTX-624

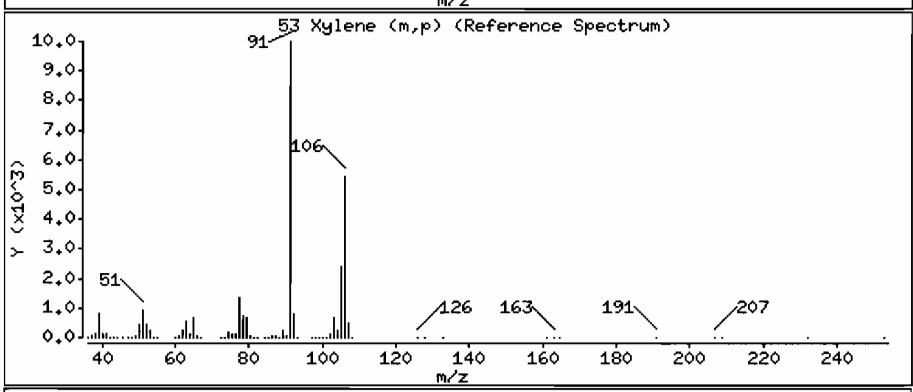
Column diameter: 0.32

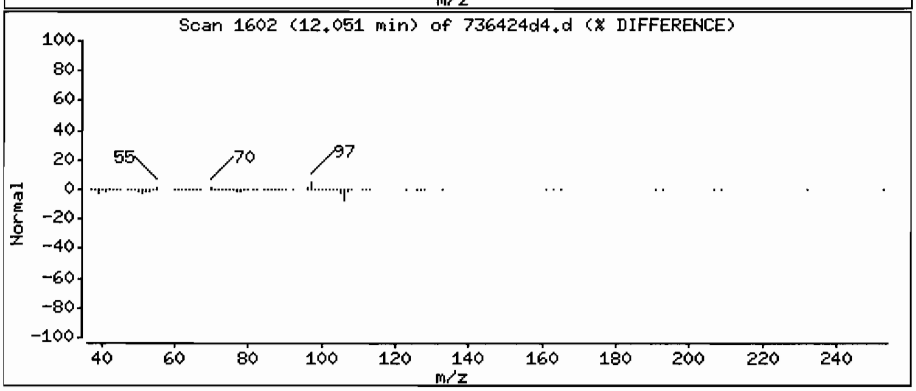
53 Xylene (m,p)

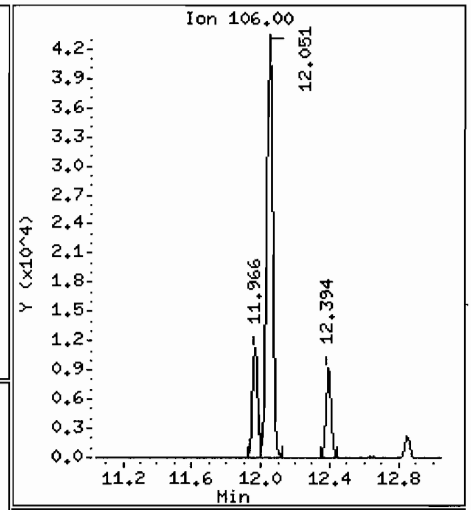
Concentration: 34 ppbv

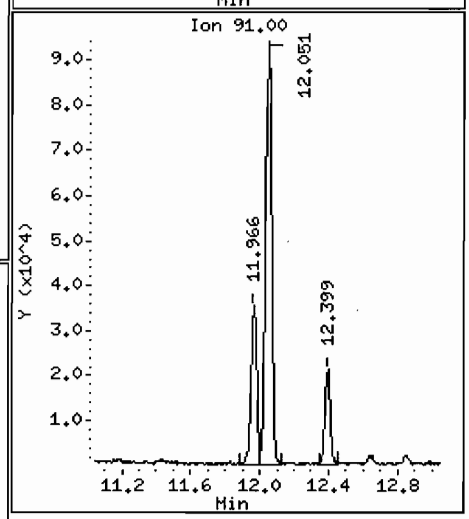












Data File: /chem/G.i/Gsvr.p/gbssto15.b/736424d4.d

Date : 09-JAN-2008 07:44

Client ID: 71220VP-09V2N

Instrument: G.i

Sample Info: 20071220VP-09V2@N :[ ]12/20/07 @1027(AIR)

Purge Volume: 10.0

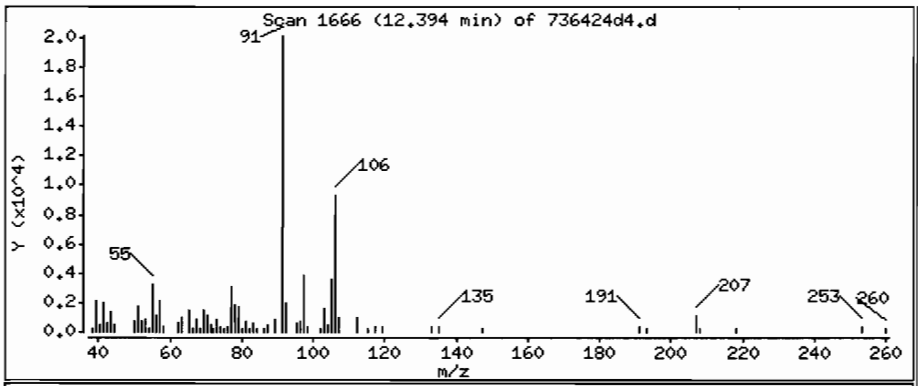
Operator: wrd

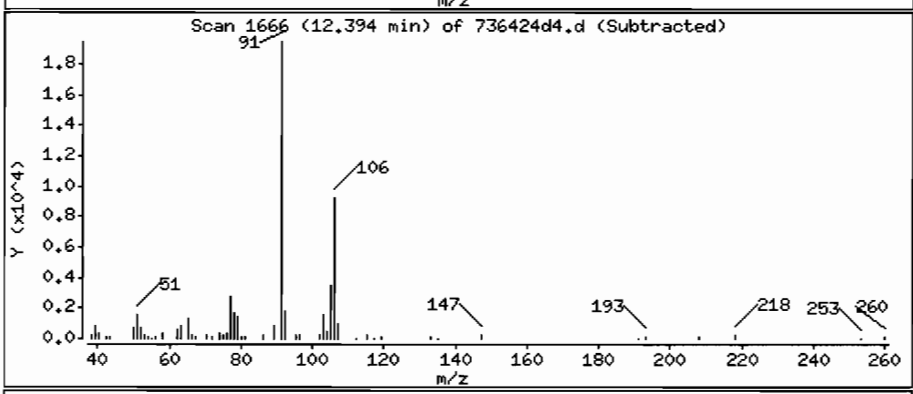
Column phase: RTX-624

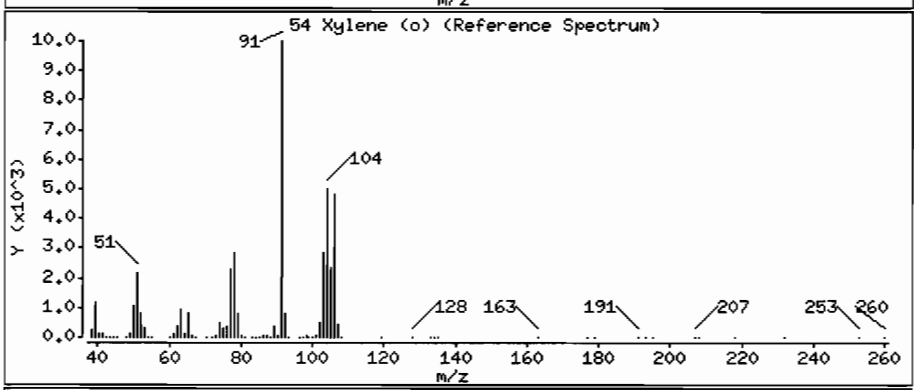
Column diameter: 0.32

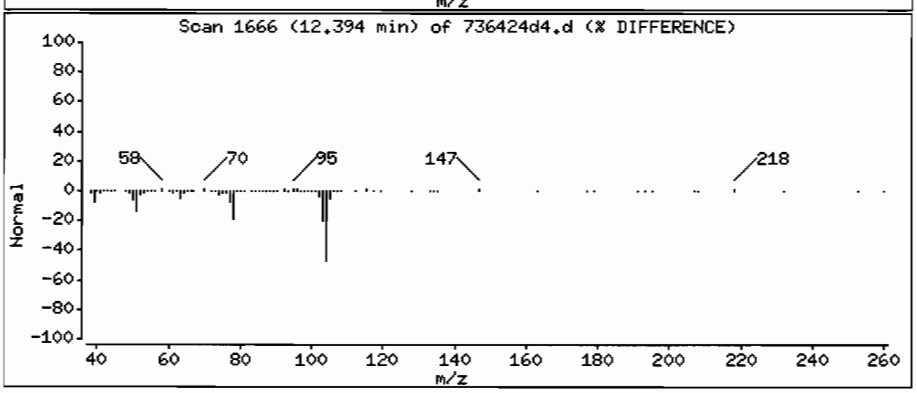
54 Xylene (o)

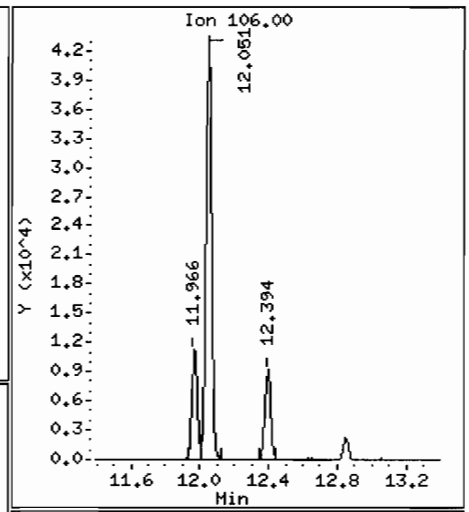
Concentration: 7.1 ppbv

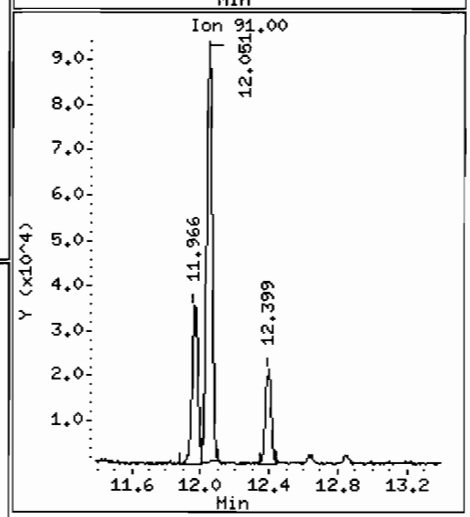










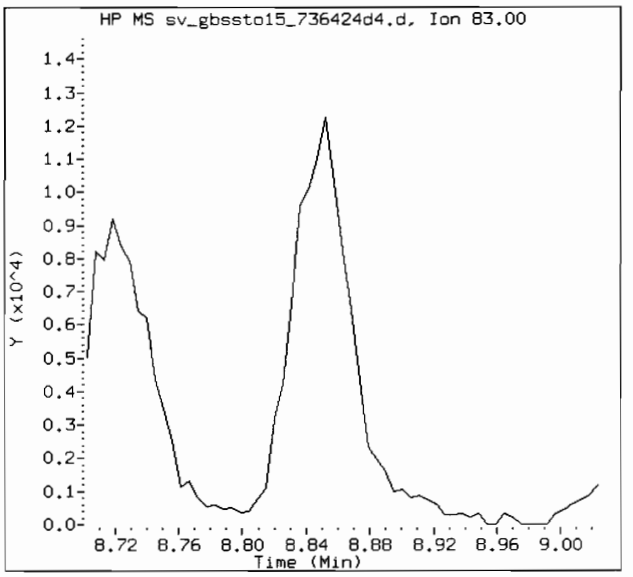


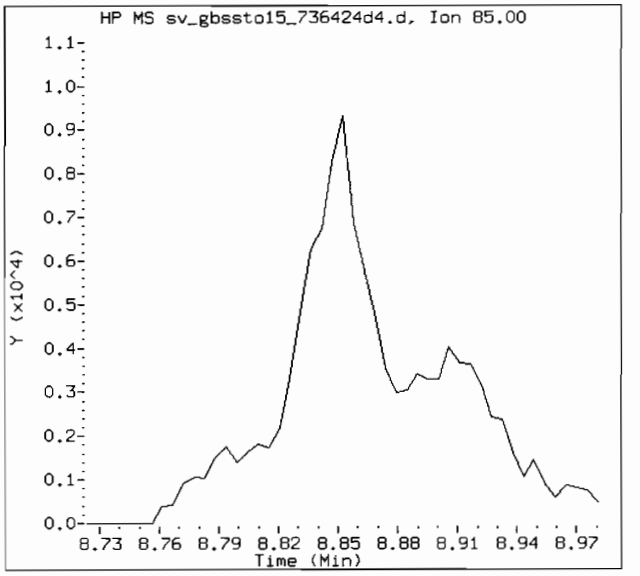
MANUAL INTEGRATION REPORT

Data File Name: 736424d4.d
Client Sample ID: 71220VP-09V2N
Compound Name: Chloroform

Inj. Date and Time: 09-JAN-2008 07:44
Instrument ID: G.i
CAS #: 67-66-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 01/09/2008 14:00

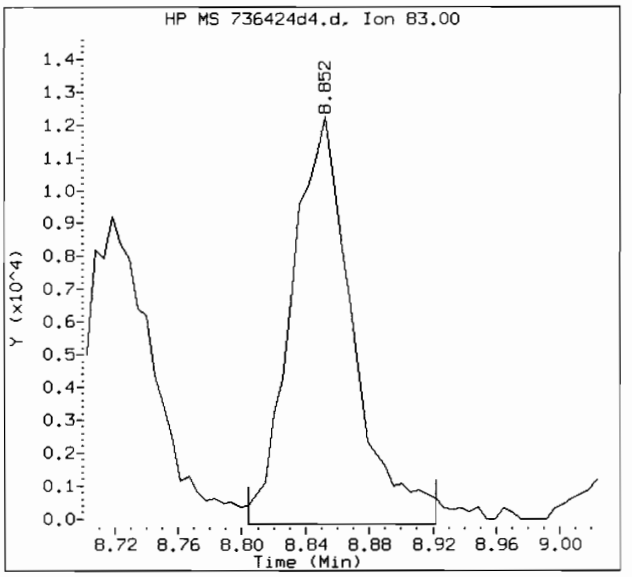


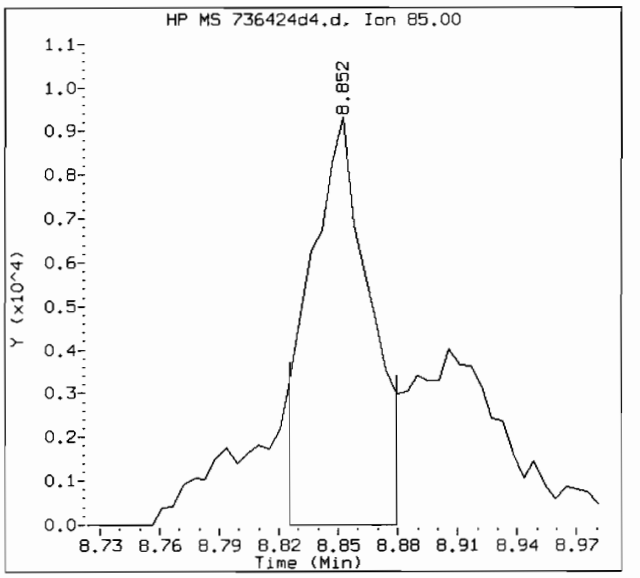


Original Integrations:

Area = 179382

Area = 8811





Final Integrations:

Area = 33128

Area = 20106

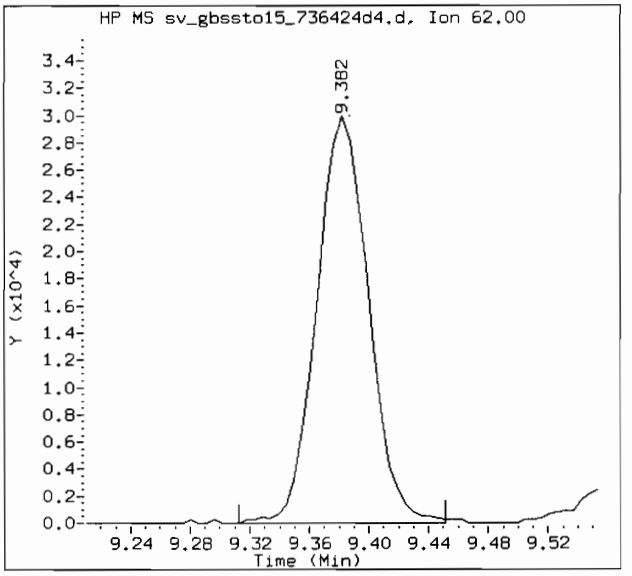
Manual Integration Reason: MI2 - Peak missed

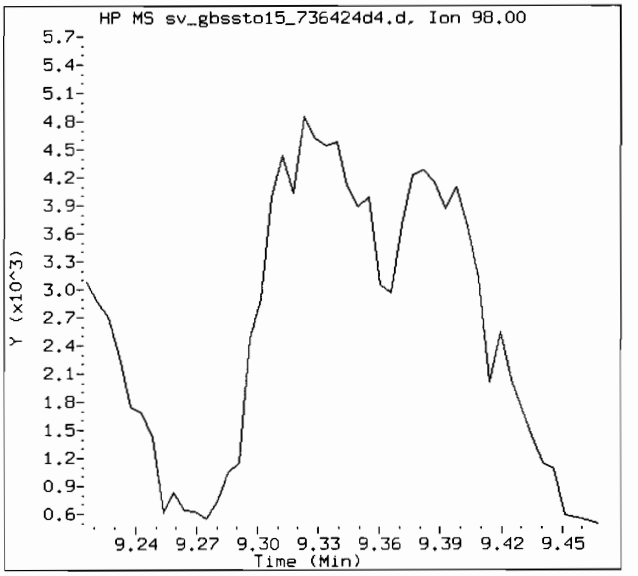
MANUAL INTEGRATION REPORT

Data File Name: 736424d4.d
Client Sample ID: 71220VP-09V2N
Compound Name: 1,2-Dichloroethane

Inj. Date and Time: 09-JAN-2008 07:44
Instrument ID: G.i
CAS #: 107-06-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 01/09/2008 14:00

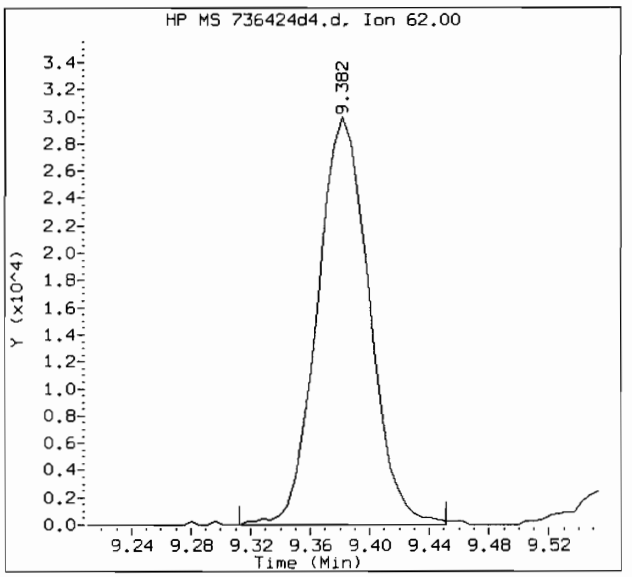


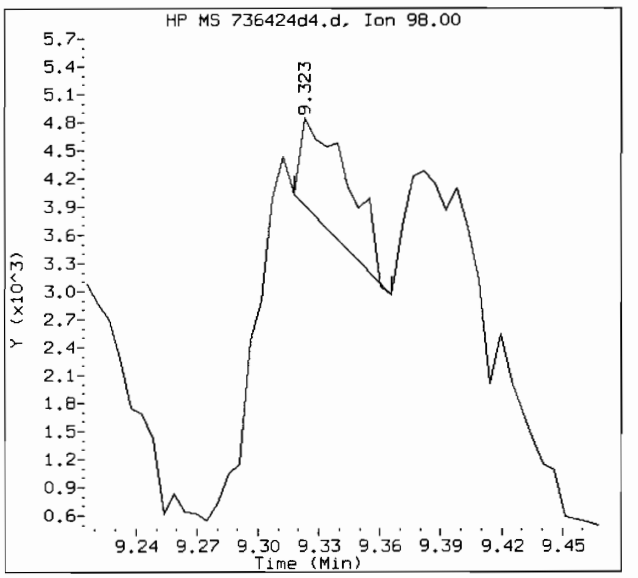


Original Integrations:

Area = 72593

Area = 549925





Final Integrations:

Area = 72593

Area = 1827

Manual Integration Reason: MI3 - Mis-identification of peak

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-12V1.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736427

Sample wt/vol: 26.00 (g/mL) ML Lab File ID: 736427D

Level: (low/med) LOW Date Received: 12/21/07

% Moisture: not dec. _____ Date Analyzed: 01/04/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	5.1	U
75-01-4	Vinyl Chloride	2.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.1	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	51	U
75-15-0	Carbon Disulfide	5.1	U
75-09-2	Methylene Chloride	5.1	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	12	
156-59-2	cis-1,2-Dichloroethene	2.0	U
67-66-3	Chloroform	130	
71-55-6	1,1,1-Trichloroethane	2.0	U
56-23-5	Carbon Tetrachloride	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	130	
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.1	U
108-88-3	Toluene	210	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	3.3	
591-78-6	Methyl Butyl Ketone	5.1	U
124-48-1	Dibromochloromethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	5.1	U
95-47-6	Xylene (o)	2.0	U
100-42-5	Styrene	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

71220VP-12V1.5N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736427

Sample wt/vol: 26.00 (g/mL) ML Lab File ID: 736427D

Level: (low/med) LOW Date Received: 12/21/07

% Moisture: not dec. _____ Date Analyzed: 01/04/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.1

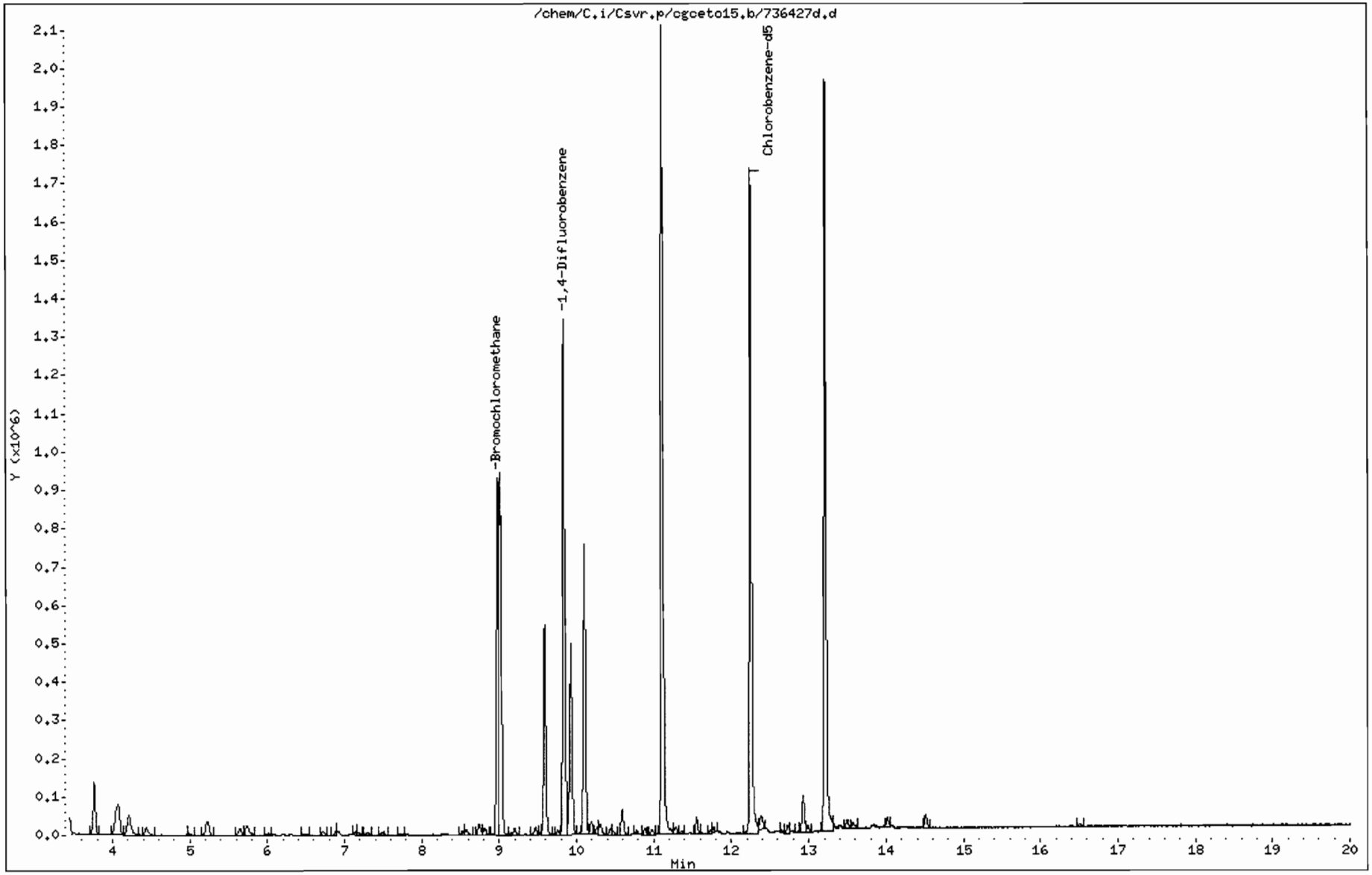
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgcetc15.b/736427d.d
Date : 04-JAN-2008 05:39
Client ID: 71220VP-12V1.5N
Sample Info: 20071220VP-12V1.5@N :[ ]12/20/07 @1304(AIR)
Purge Volume: 26.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgceto15.b/736427d.d
Lab Smp Id: 736427 Client Smp ID: 71220VP-12V1.5N
Inj Date : 04-JAN-2008 05:39
Operator : wrd Inst ID: C.i
Smp Info : 20071220VP-12V1.5@N :[ ]12/20/07 @1304(AIR)
Misc Info : 736427;010308CA;10.1;26;cdf1.31
Comment :
Method : /chem/C.i/Csvr.p/cgceto15.b/rto15.m
Meth Date : 09-Jan-2008 12:58 sv Quant Type: ISTD
Cal Date : 26-DEC-2007 20:02 Cal File: cgc40v.d
Als bottle: 4
Dil Factor: 10.10000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.10000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	26.00000	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	8.740	8.734	(0.973)	11355	1.22853	12(Q)
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	257587	10.0000	
27 Chloroform	83	9.018	9.023	(1.004)	761518	12.7349	130
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	9.589	9.594	(0.975)	517536	13.3526	130
*	35 1,4-Difluorobenzene	114	9.834	9.839	(1.000)	1056194	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	11.110	11.115	(0.907)	917300	20.6993	210
	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)	15759	0.32427	3.3
	47 Methyl Butyl Ketone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	12.246	12.252	(1.000)	1039798	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/cgceto15.b/736427d.d

Date : 04-JAN-2008 05:39

Client ID: 71220VP-12V1.5N

Instrument: C.i

Sample Info: 20071220VP-12V1.5@N :[ ]12/20/07 @1304(AIR)

Purge Volume: 26.0

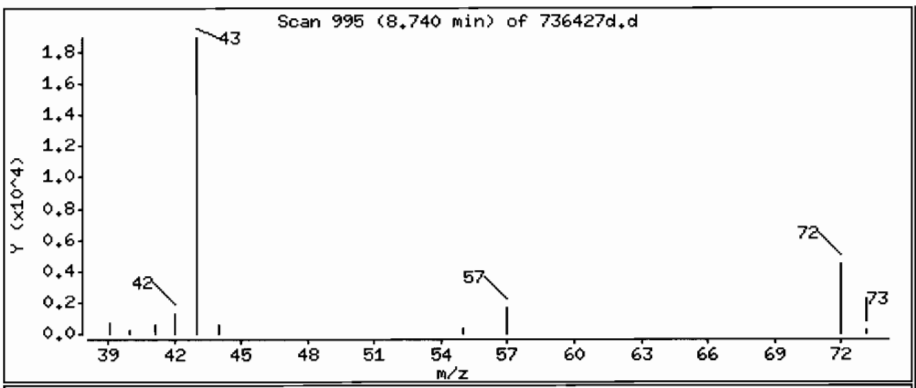
Operator: wrd

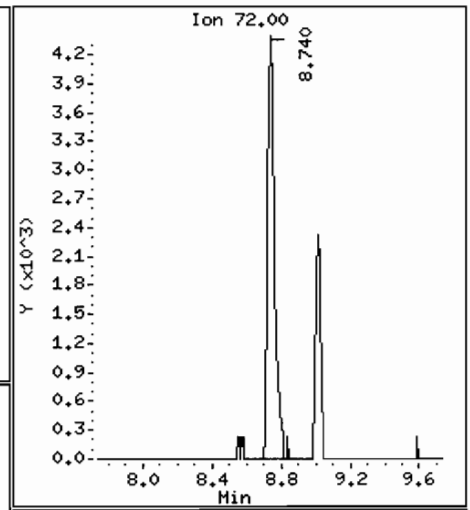
Column phase: RTX-624

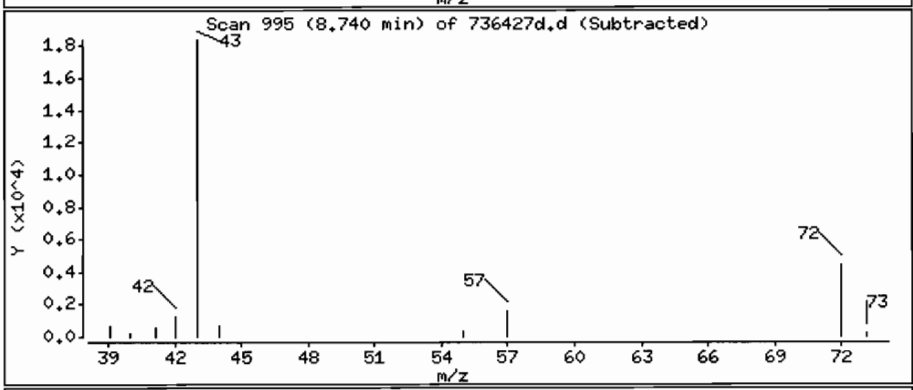
Column diameter: 0.32

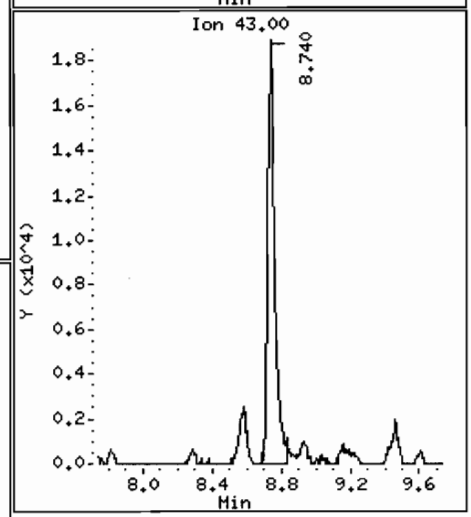
23 Methyl Ethyl Ketone

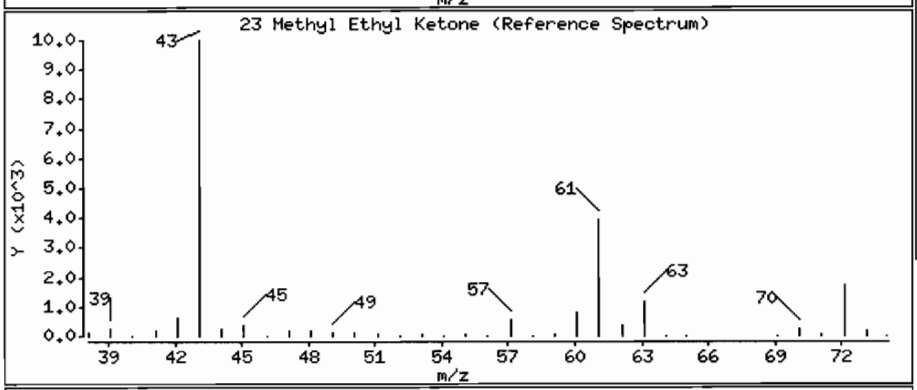
Concentration: 12 ppbv

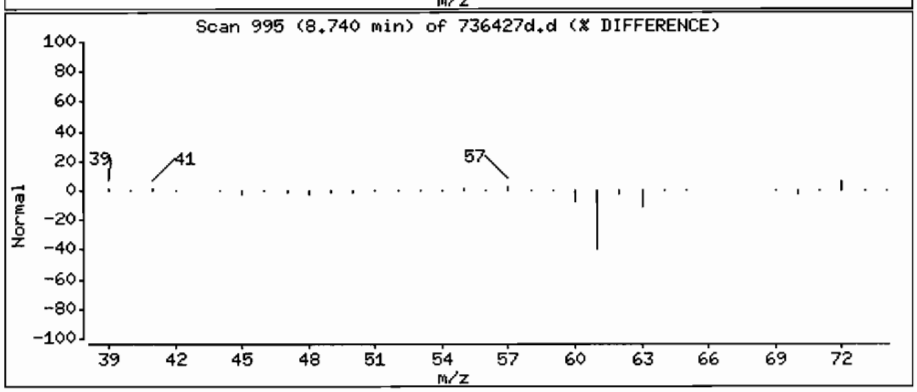












Data File: /chem/C.i/Csvr.p/cgceto15.b/736427d.d

Date : 04-JAN-2008 05:39

Client ID: 71220VP-12V1.5N

Instrument: C.i

Sample Info: 20071220VP-12V1.5@N :[J12/20/07 @1304(AIR)

Purge Volume: 26.0

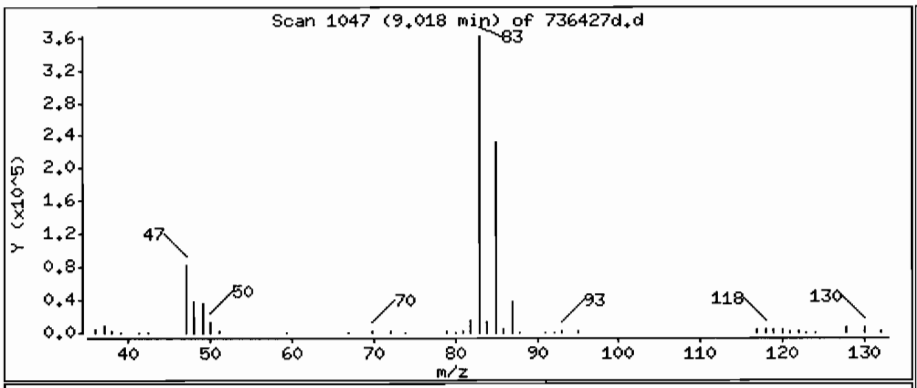
Operator: wrd

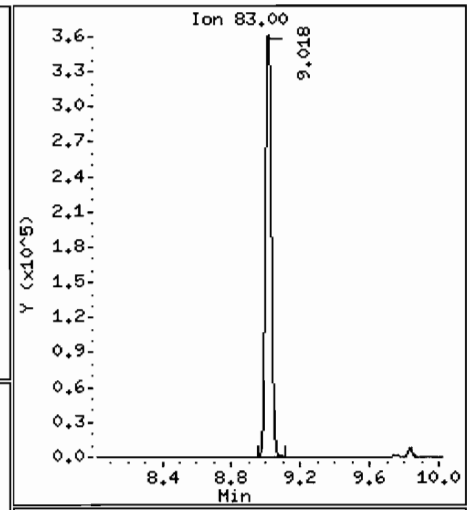
Column phase: RTX-624

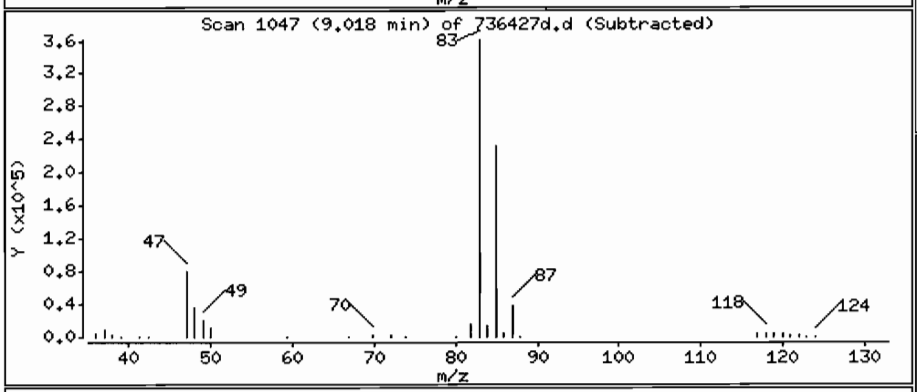
Column diameter: 0.32

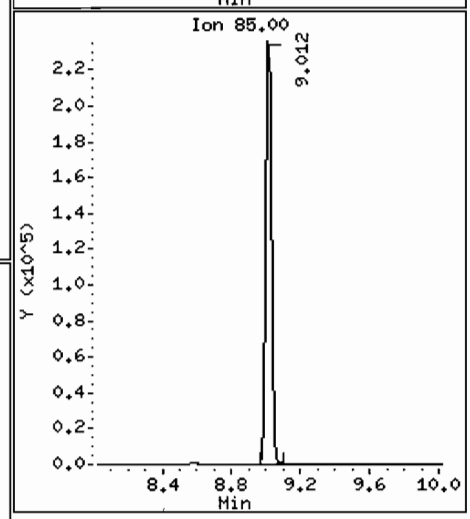
27 Chloroform

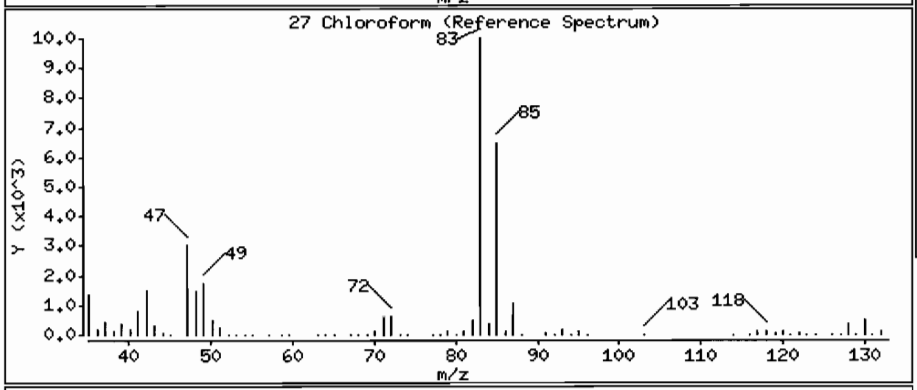
Concentration: 130 ppbv

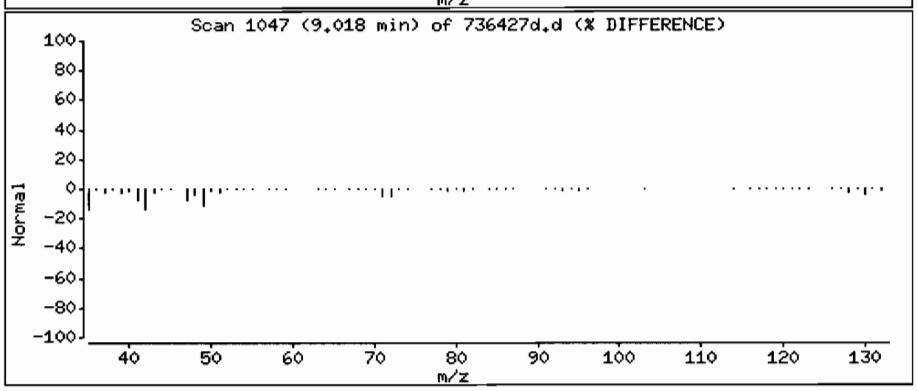












Data File: /chem/C.i/Csvr.p/cgceto15.b/736427d.d

Date : 04-JAN-2008 05:39

Client ID: 71220VP-12V1.5N

Instrument: C.i

Sample Info: 20071220VP-12V1.50N :[ ]12/20/07 @1304(AIR)

Purge Volume: 26.0

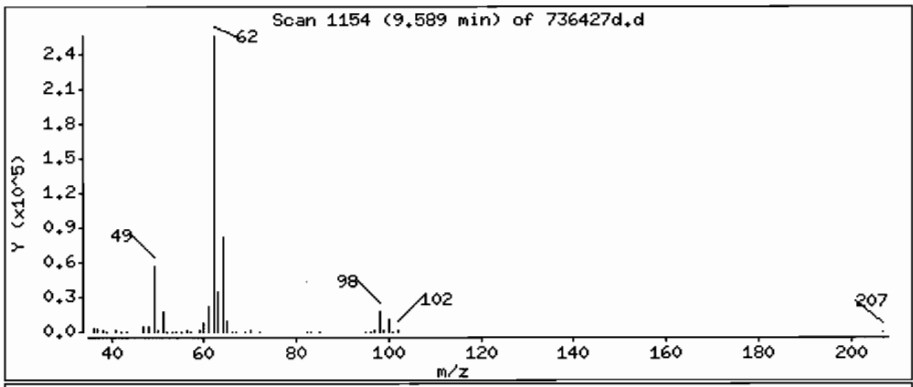
Operator: wrd

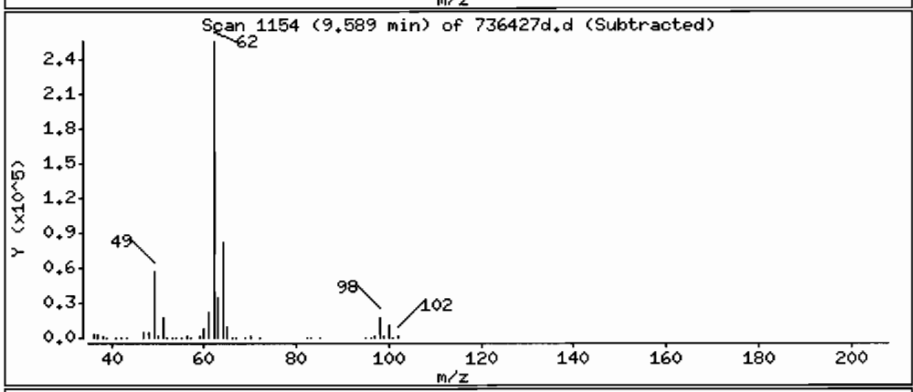
Column phase: RTX-624

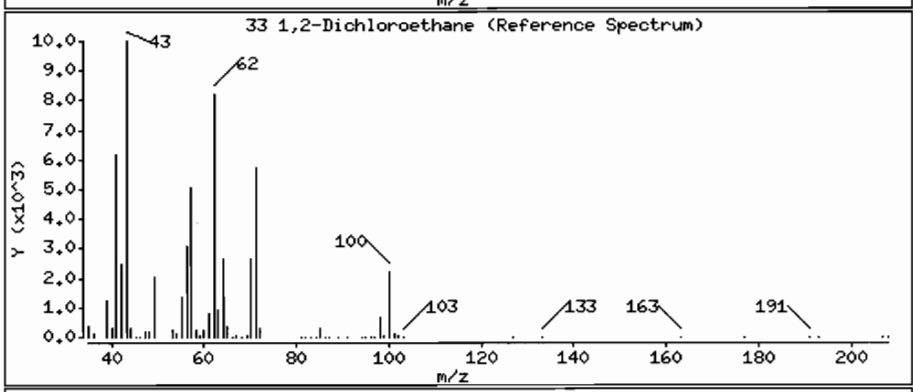
Column diameter: 0.32

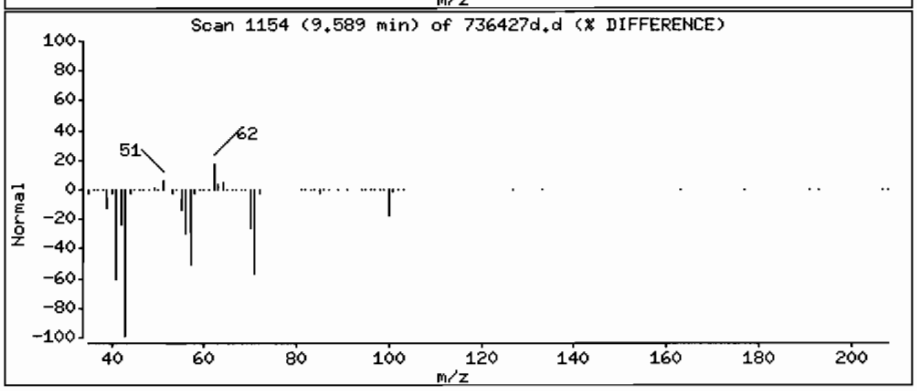
33 1,2-Dichloroethane

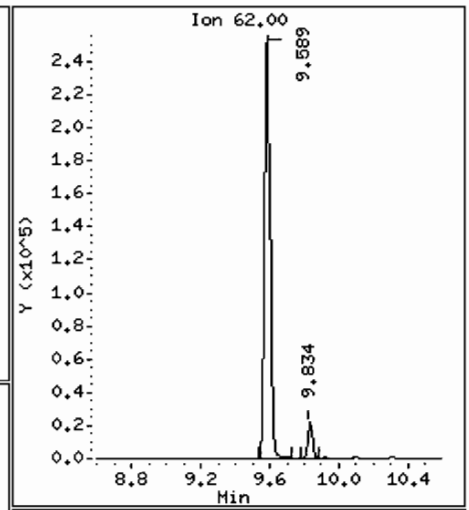
Concentration: 130 ppbv

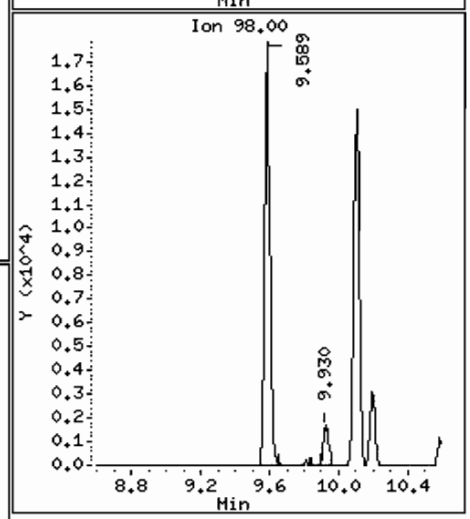












Data File: /chem/C.i/Csvr.p/cgceto15.b/736427d.d

Date : 04-JAN-2008 05:39

Client ID: 71220VP-12V1.5N

Instrument: C.i

Sample Info: 20071220VP-12V1.5@N :[ ]12/20/07 @1304(AIR)

Purge Volume: 26.0

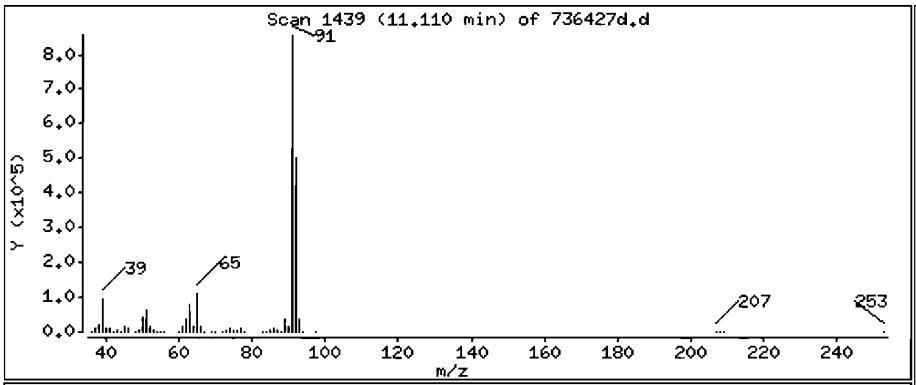
Operator: wrd

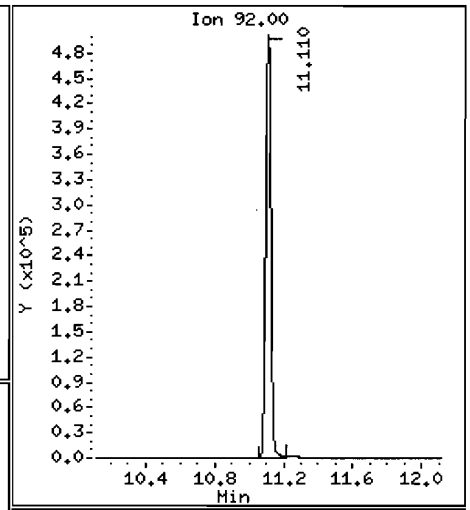
Column phase: RTX-624

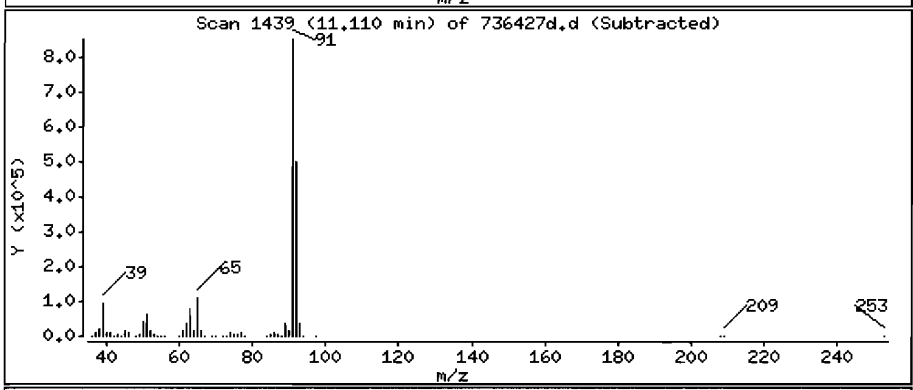
Column diameter: 0.32

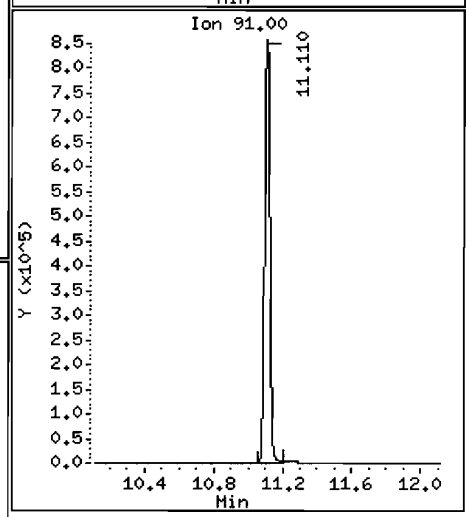
43 Toluene

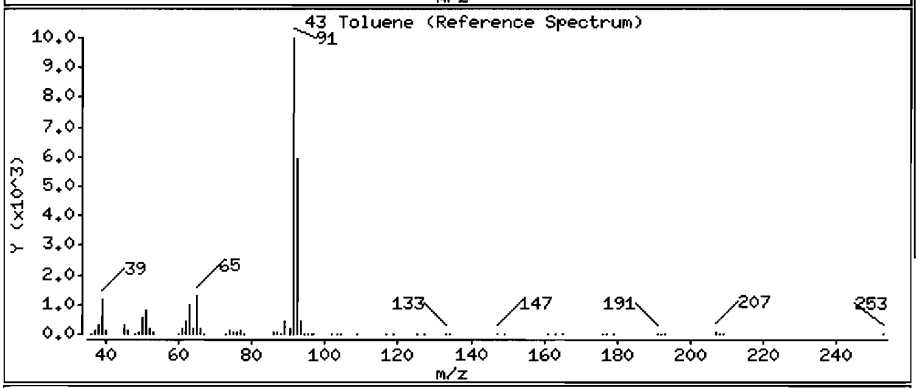
Concentration: 210 ppbv

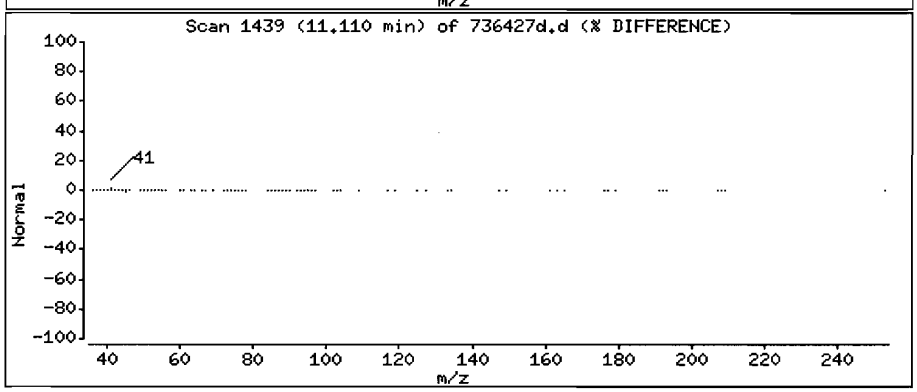












Data File: /chem/C.i/Csvr.p/cgcetc15.b/736427d.d

Date : 04-JAN-2008 05:39

Client ID: 71220VP-12V1.5N

Instrument: C.i

Sample Info: 20071220VP-12V1.5@N :[ ]12/20/07 @1304(AIR)

Purge Volume: 26.0

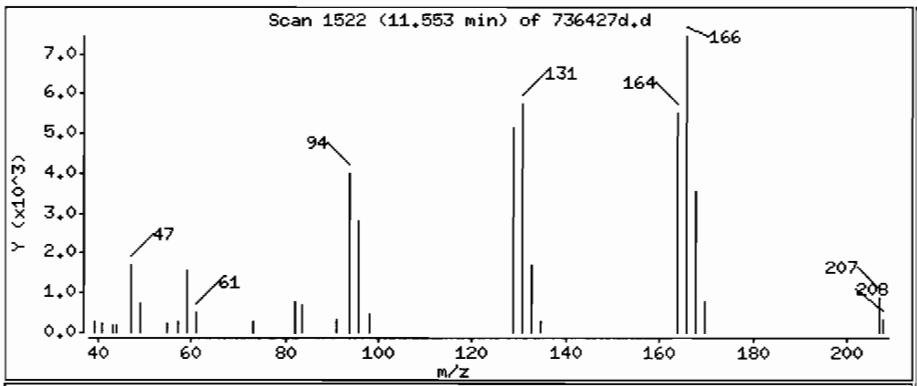
Operator: wrd

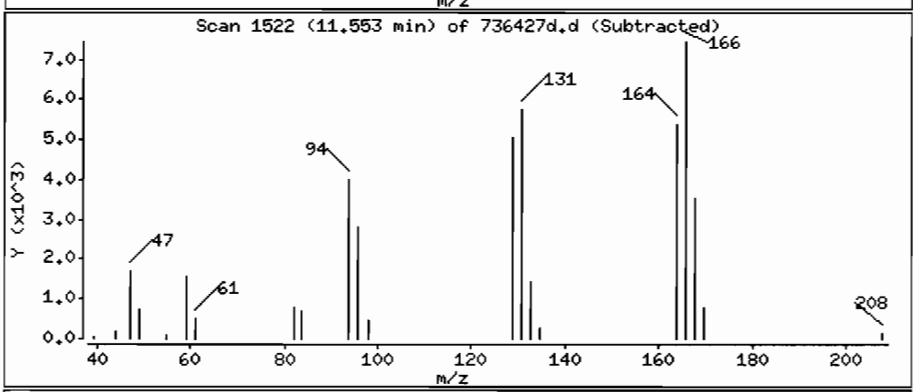
Column phase: RTX-624

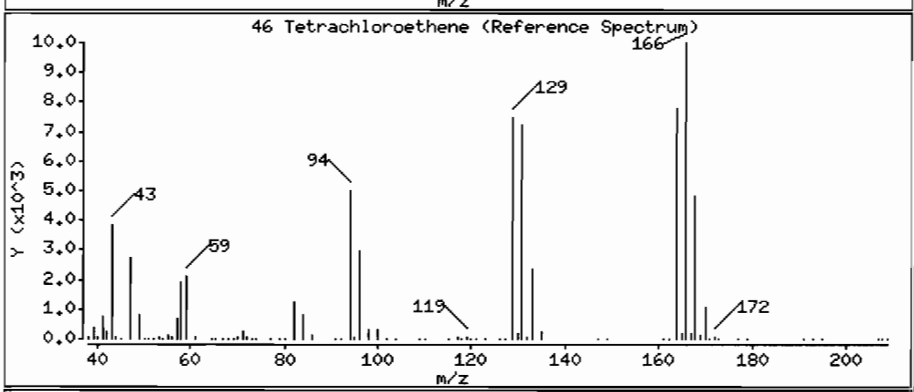
Column diameter: 0.32

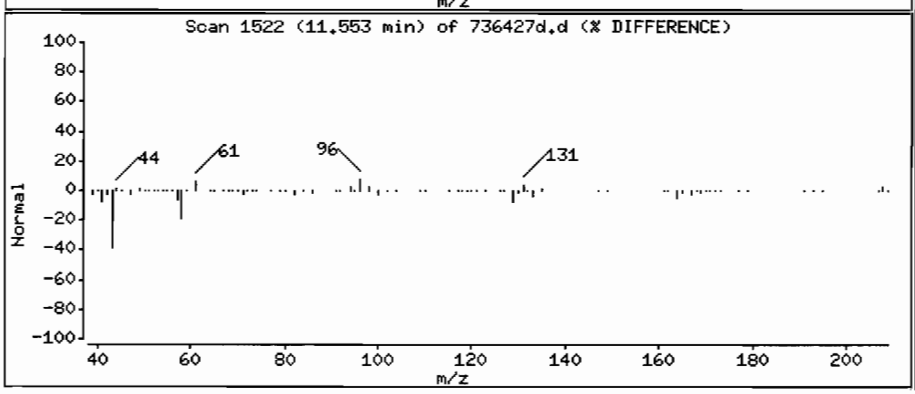
46 Tetrachloroethene

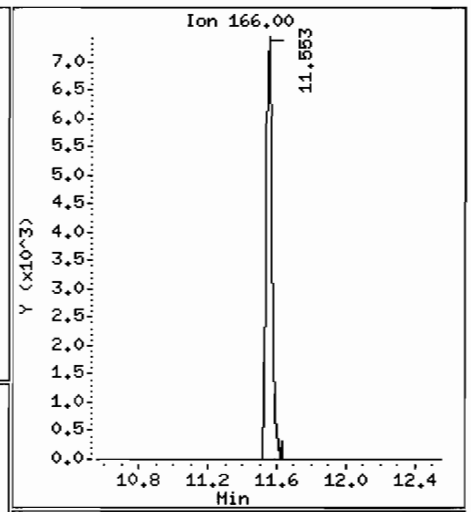
Concentration: 3.3 ppbv

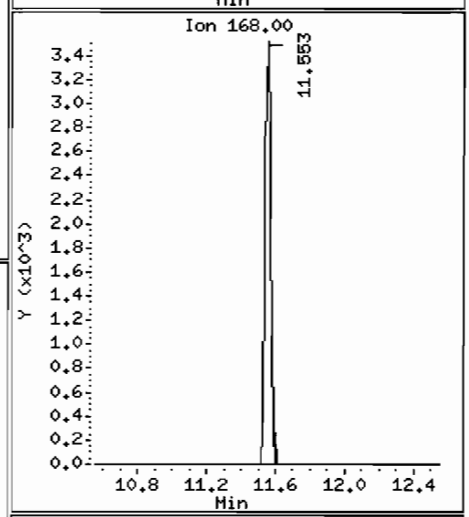


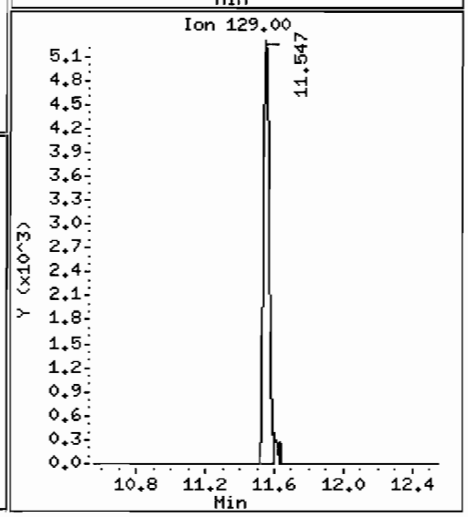












Standards – TO-15 Volatile

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Instrument ID: G Calibration Date(s): 12/11/07 12/11/07

Heated Purge: (Y/N) N Calibration Time(s): 0930 1430

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

LAB FILE ID: RRF0.2=GBS002V RRF0.5=GBS005V
RRF2 = RRF5 =GBS05V RRF10 =GBS10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD
Dichlorodifluoromethane		3.472		3.172	3.060		
1,2-Dichlorotetrafluoroethan	3.558	3.465		3.071	2.997		
Chloromethane		0.527		0.435	0.447		
Vinyl Chloride	0.807	0.738		0.661	0.678		
1,3-Butadiene		0.402		0.402	0.425		
Bromomethane	1.273	1.053		0.936	1.014		
Chloroethane		0.384		0.349	0.381		
Bromoethene	1.379	1.169		1.074	1.142		
Trichlorofluoromethane	5.109	4.768		4.413	4.441		
Freon TF	2.812	2.529		2.377	2.485		
1,1-Dichloroethene	1.137	1.070		0.951	1.029		
Acetone				0.769	0.807		
Isopropyl Alcohol				0.614	0.646		
Carbon Disulfide		2.880		2.592	2.761		
3-Chloropropene		0.635		0.636	0.655		
Methylene Chloride		0.797		0.666	0.705		
tert-Butyl Alcohol				1.212	1.265		
Methyl tert-Butyl Ether		2.428		2.235	2.396		
trans-1,2-Dichloroethene	1.444	1.366		1.267	1.338		
n-Hexane		1.107		1.019	1.137		
1,1-Dichloroethane *	1.809	1.772		1.598	1.691		*
1,2-Dichloroethene (total)	1.340	1.274		1.174	1.245		
Methyl Ethyl Ketone		0.292		0.306	0.321		
cis-1,2-Dichloroethene	1.236	1.183		1.082	1.152		
Tetrahydrofuran				0.081	0.090		
Chloroform	3.140	3.072		2.790	2.860		
1,1,1-Trichloroethane	0.784	0.765		0.715	0.728		
Cyclohexane	0.303	0.287		0.266	0.289		
Carbon Tetrachloride	0.859	0.842		0.800	0.807		
2,2,4-Trimethylpentane	0.771	0.683		0.668	0.739		
Benzene	0.696	0.615		0.563	0.604		
1,2-Dichloroethane	0.394	0.396		0.369	0.379		
n-Heptane	0.244	0.212		0.202	0.222		
Trichloroethene	0.384	0.368		0.347	0.359		
Methyl Methacrylate		0.105		0.128	0.140		
1,2-Dichloropropane	0.206	0.189		0.172	0.187		
1,4-Dioxane				0.072	0.079		

* 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.: 123559

Instrument ID: G Calibration Date(s): 12/11/07 12/11/07

Heated Purge: (Y/N) N Calibration Time(s): 0930 1430

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

LAB FILE ID: RRF0.2=GBS002V RRF0.5=GBS005V
RRF2 = RRF5 =GBS05V RRF10 =GBS10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD
Bromodichloromethane	0.646	0.614		0.632	0.657		
cis-1,3-Dichloropropene	0.383	0.381		0.368	0.393		
Methyl Isobutyl Ketone		0.187		0.204	0.215		
Toluene	0.600	0.531		0.499	0.532		
trans-1,3-Dichloropropene	0.453	0.423		0.434	0.441		
1,1,2-Trichloroethane	0.274	0.246		0.227	0.244		
Tetrachloroethene	0.533	0.495		0.463	0.505		
Methyl Butyl Ketone		0.174		0.202	0.231		
Dibromochloromethane	0.654	0.648		0.694	0.736		
1,2-Dibromoethane	0.555	0.543		0.524	0.565		
Chlorobenzene *	0.908	0.814		0.766	0.816		*
Ethylbenzene	1.456	1.334		1.129	1.207		
Xylene (m,p)	0.502	0.460		0.410	0.446		
Xylene (o)	0.468	0.456		0.390	0.429		
Xylene (total)	0.468	0.456		0.390	0.429		
Styrene	0.563	0.530		0.605	0.690		
Bromoform	0.539	0.558		0.612	0.641		
1,1,2,2-Tetrachloroethane	0.608	0.525		0.484	0.560		
4-Ethyltoluene	1.237	1.134		1.176	1.358		
1,3,5-Trimethylbenzene	0.950	0.882		1.040	1.156		
2-Chlorotoluene	1.189	1.134		1.102	1.148		
1,2,4-Trimethylbenzene	0.925	0.798		0.982	1.090		
1,3-Dichlorobenzene	0.831	0.743		0.684	0.757		
1,4-Dichlorobenzene	0.788	0.703		0.674	0.745		
1,2-Dichlorobenzene	0.706	0.671		0.631	0.704		
1,2,4-Trichlorobenzene		0.321		0.418	0.410		
Hexachlorobutadiene	0.384	0.305		0.376	0.348		
Naphthalene		0.686		1.012	0.991		
Freon 22		1.328		1.176	1.128		

* 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.: 123559

Instrument ID: G Calibration Date(s): 12/11/07 12/11/07

Heated Purge: (Y/N) N Calibration Time(s): 0930 1430

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

LAB FILE ID: RRF15 =GBS15V RRF20 =GBS20V
RRF40 =GBS40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.658	2.461			2.965	13.7
1,2-Dichlorotetrafluoroethan		2.752	2.646			3.082	12.0
Chloromethane		0.434	0.425			0.454	9.2
Vinyl Chloride		0.685	0.685			0.709	7.7
1,3-Butadiene		0.435	0.431			0.419	3.8
Bromomethane		0.975	1.005			1.043	11.5
Chloroethane		0.394	0.404			0.382	5.4
Bromoethene		1.133	1.138			1.172	9.0
Trichlorofluoromethane		4.088	3.994			4.469	9.4
Freon TF		2.406	2.401			2.502	6.5
1,1-Dichloroethene		1.035	1.045			1.044	5.8
Acetone	0.799	0.755	0.789			0.784	2.7
Isopropyl Alcohol	0.675	0.615	0.584			0.627	5.6
Carbon Disulfide		2.871	2.877			2.796	4.5
3-Chloropropene		0.741	0.768			0.687	9.1
Methylene Chloride		0.733	0.724			0.725	6.6
tert-Butyl Alcohol	1.296	1.245	1.103			1.224	6.1
Methyl tert-Butyl Ether		2.390	2.522			2.394	4.3
trans-1,2-Dichloroethene		1.362	1.385			1.360	4.3
n-Hexane		1.202	1.240			1.141	7.5
1,1-Dichloroethane *		1.705	1.721			1.716	4.2*
1,2-Dichloroethene (total)		1.272	1.301			1.268	4.4
Methyl Ethyl Ketone		0.336	0.349			0.321	7.1
cis-1,2-Dichloroethene		1.181	1.218			1.175	4.6
Tetrahydrofuran	0.092	0.092	0.099			0.091	7.3
Chloroform		2.767	2.750			2.896	5.8
1,1,1-Trichloroethane		0.692	0.692			0.729	5.2
Cyclohexane		0.302	0.319			0.294	6.1
Carbon Tetrachloride		0.753	0.750			0.802	5.6
2,2,4-Trimethylpentane		0.799	0.870			0.755	10.0
Benzene		0.642	0.693			0.636	8.3
1,2-Dichloroethane		0.365	0.367			0.378	3.7
n-Heptane		0.236	0.248			0.227	7.9
Trichloroethene		0.361	0.371			0.365	3.4
Methyl Methacrylate		0.153	0.166			0.138	16.9
1,2-Dichloropropane		0.194	0.205			0.192	6.6
1,4-Dioxane	0.082	0.074	0.074			0.076	5.2

* 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.: 123559

Instrument ID: G Calibration Date(s): 12/11/07 12/11/07

Heated Purge: (Y/N) N Calibration Time(s): 0930 1430

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

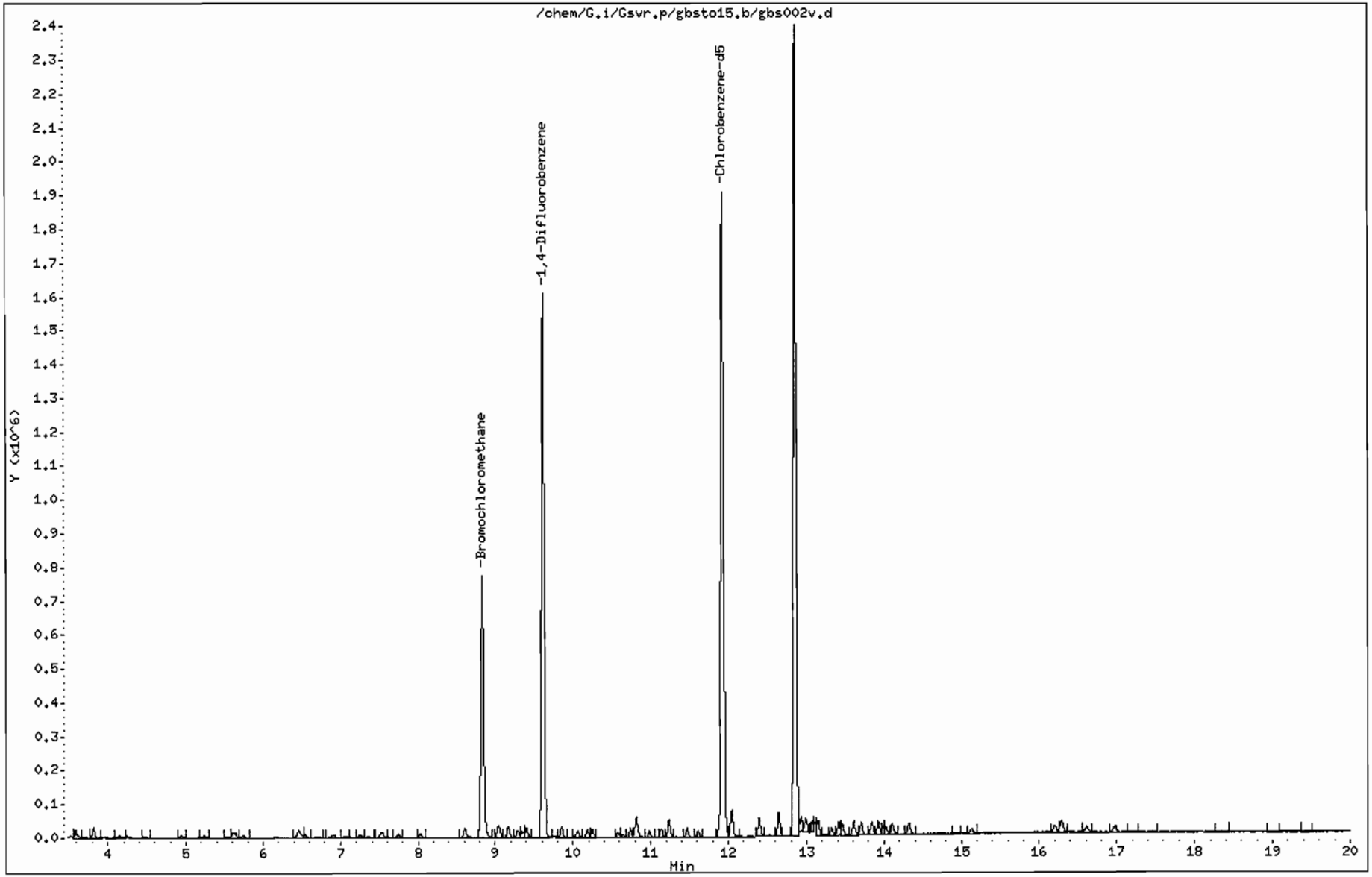
LAB FILE ID: RRF15 =GBS15V RRF20 =GBS20V
RRF40 =GBS40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Bromodichloromethane		0.636	0.648			0.639	2.4
cis-1,3-Dichloropropene		0.398	0.420			0.390	4.5
Methyl Isobutyl Ketone		0.233	0.228			0.213	8.7
Toluene		0.559	0.560			0.547	6.3
trans-1,3-Dichloropropene		0.433	0.462			0.441	3.3
1,1,2-Trichloroethane		0.253	0.250			0.249	6.1
Tetrachloroethene		0.532	0.514			0.507	5.2
Methyl Butyl Ketone		0.258	0.224			0.218	14.6
Dibromochloromethane		0.737	0.691			0.693	5.5
1,2-Dibromoethane		0.584	0.566			0.556	3.7
Chlorobenzene *		0.839	0.830			0.829	5.6*
Ethylbenzene		1.204	1.249			1.263	9.2
Xylene (m,p)		0.449	0.461			0.455	6.6
Xylene (o)		0.424	0.435			0.434	6.3
Xylene (total)		0.424	0.435			0.434	6.3
Styrene		0.701	0.734			0.637	12.9
Bromoform		0.634	0.626			0.602	7.1
1,1,2,2-Tetrachloroethane		0.568	0.587			0.555	8.0
4-Ethyltoluene		1.463	1.475			1.307	11.2
1,3,5-Trimethylbenzene		1.059	1.162			1.042	10.7
2-Chlorotoluene		1.140	1.142			1.142	2.4
1,2,4-Trimethylbenzene		1.087	1.123			1.001	12.5
1,3-Dichlorobenzene		0.735	0.744			0.749	6.3
1,4-Dichlorobenzene		0.728	0.751			0.732	5.4
1,2-Dichlorobenzene		0.675	0.687			0.679	4.1
1,2,4-Trichlorobenzene		0.407	0.424			0.396	10.7
Hexachlorobutadiene		0.337	0.328			0.346	8.6
Naphthalene		0.892	1.024			0.921	15.3
Freon 22		1.028	0.980			1.128	12.1

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

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbs002v.d
Date : 11-DEC-2007 09:30
Client ID: ASTD0002
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbsto15.b/gbs002v.d
Lab Smp Id: ASTD0002 Client Smp ID: ASTD0002
Inj Date : 11-DEC-2007 09:30
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : ASTD0002;121107GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Meth Date : 12-Dec-2007 10:38 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 09:30 Cal File: gbs002v.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)	ON-COL (ppbv)
	2 1,2-Dichlorotetrafluoroethane	85	3.818	3.818	(0.432)	21882	0.20000	0.23
	4 Vinyl Chloride	62	4.187	4.182	(0.474)	4962	0.20000	0.23
	6 Bromomethane	94	4.942	4.947	(0.560)	7831	0.20000	0.24
	8 Bromoethene	106	5.541	5.546	(0.627)	8483	0.20000	0.24
	9 Trichlorofluoromethane	101	5.626	5.627	(0.637)	31415	0.20000	0.23
	10 Freon TF	101	6.456	6.466	(0.731)	17291	0.20000	0.22
	11 1,1-Dichloroethene	96	6.547	6.541	(0.741)	6993	0.20000	0.22
	19 trans-1,2-Dichloroethene	61	7.542	7.536	(0.854)	8878	0.20000	0.21
	21 1,1-Dichloroethane	63	8.034	8.034	(0.910)	11123	0.20000	0.21(M)
M	22 1,2-Dichloroethene (total)	61				16477	0.40000	0.42
	24 cis-1,2-Dichloroethene	96	8.612	8.606	(0.975)	7599	0.20000	0.21(Q)
*	25 Bromochloromethane	128	8.831	8.842	(1.000)	307467	10.0000	
	27 Chloroform	83	8.858	8.863	(1.003)	19307	0.20000	0.22
	28 1,1,1-Trichloroethane	97	9.034	9.040	(0.939)	25082	0.20000	0.21
	29 Cyclohexane	84	9.056	9.056	(0.942)	9698	0.20000	0.21(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	30 Carbon Tetrachloride	117	9.168	9.168	(0.953)	27482	0.20000	0.21
	31 2,2,4-Trimethylpentane	57	9.286	9.291	(0.966)	24669	0.20000	0.20
	32 Benzene	78	9.350	9.350	(0.972)	22287	0.20000	0.22
	34 n-Heptane	43	9.409	9.409	(0.978)	7796	0.20000	0.21
	33 1,2-Dichloroethane	62	9.403	9.398	(0.978)	12619	0.20000	0.21
*	35 1,4-Difluorobenzene	114	9.617	9.623	(1.000)	1599797	10.0000	
	36 Trichloroethene	95	9.853	9.853	(1.024)	12303	0.20000	0.21
	38 1,2-Dichloropropane	63	10.067	10.067	(1.047)	6596	0.20000	0.21(QM)
	40 Bromodichloromethane	83	10.249	10.249	(1.066)	20670	0.20000	0.20
	41 cis-1,3-Dichloropropene	75	10.580	10.575	(1.100)	12247	0.20000	0.20
	43 Toluene	92	10.821	10.821	(0.908)	18247	0.20000	0.22
	44 trans-1,3-Dichloropropene	75	10.982	10.976	(1.142)	14509	0.20000	0.21
	45 1,1,2-Trichloroethane	83	11.137	11.137	(0.934)	8330	0.20000	0.22
	46 Tetrachloroethene	166	11.244	11.238	(0.943)	16223	0.20000	0.21
	48 Dibromochloromethane	129	11.474	11.468	(0.962)	19910	0.20000	0.19(a)
	49 1,2-Dibromoethane	107	11.607	11.608	(0.974)	16896	0.20000	0.20
*	50 Chlorobenzene-d5	117	11.923	11.929	(1.000)	1521142	10.0000	
	51 Chlorobenzene	112	11.955	11.955	(1.003)	27636	0.20000	0.22(Q)
	52 Ethylbenzene	91	11.961	11.961	(1.003)	44293	0.20000	0.23
M	55 Xylene (total)	106				44779	0.20000	0.68
	53 Xylene (m,p)	106	12.051	12.046	(1.011)	30543	0.40000	0.44(a)
	54 Xylene (o)	106	12.394	12.394	(1.039)	14236	0.20000	0.22
	56 Styrene	104	12.405	12.405	(1.040)	17126	0.20000	0.18(a)
	57 Bromoform	173	12.640	12.645	(1.060)	16389	0.20000	0.18(a)
	58 1,1,2,2-Tetrachloroethane	83	12.923	12.924	(1.084)	18489	0.20000	0.22
	59 4-Ethyltoluene	105	13.063	13.068	(1.096)	37622	0.20000	0.19(a)
	60 1,3,5-Trimethylbenzene	105	13.095	13.105	(1.098)	28911	0.20000	0.18(a)
	61 2-Chlorotoluene	91	13.148	13.148	(1.103)	36178	0.20000	0.21
	62 1,2,4-Trimethylbenzene	105	13.458	13.464	(1.129)	28133	0.20000	0.18(a)
	63 1,3-Dichlorobenzene	146	13.838	13.844	(1.161)	25276	0.20000	0.22
	64 1,4-Dichlorobenzene	146	13.924	13.924	(1.168)	23968	0.20000	0.22
	65 1,2-Dichlorobenzene	146	14.325	14.325	(1.201)	21481	0.20000	0.21
	67 Hexachlorobutadiene	225	16.294	16.294	(1.367)	11684	0.20000	0.22

QC Flag Legend

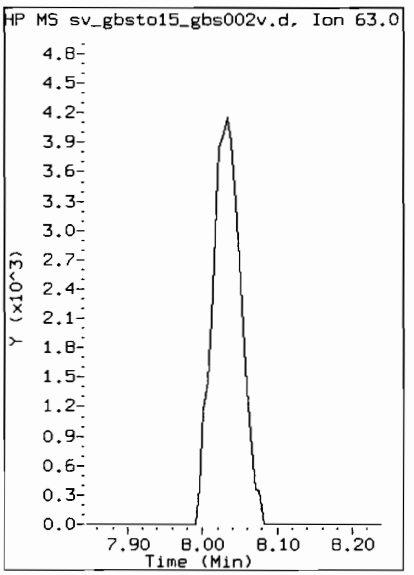
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

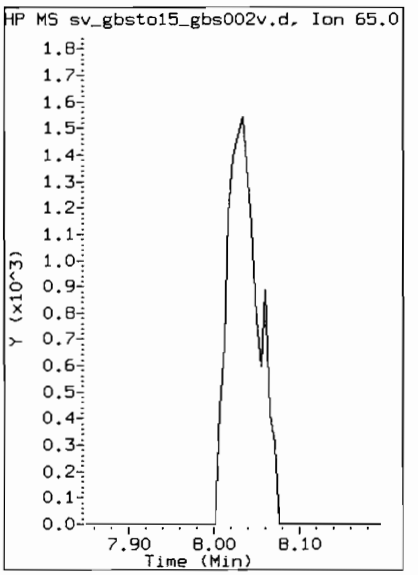
MANUAL INTEGRATION REPORT

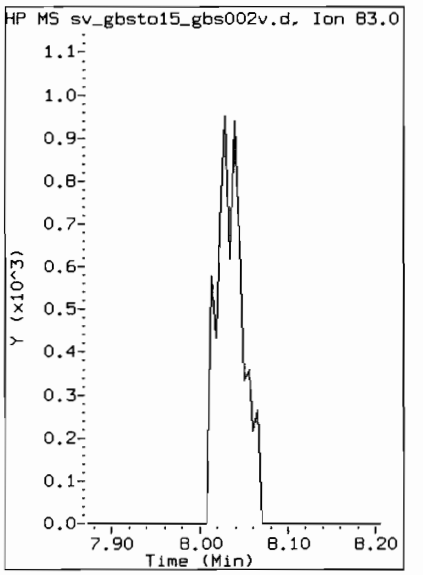
Data File Name: gbs002v.d
Client Sample ID: ASTD0002
Compound Name: 1,1-Dichloroethane

Inj. Date and Time: 11-DEC-2007 09:30
Instrument ID: G.i
CAS #: 75-34-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 12/12/2007 10:38

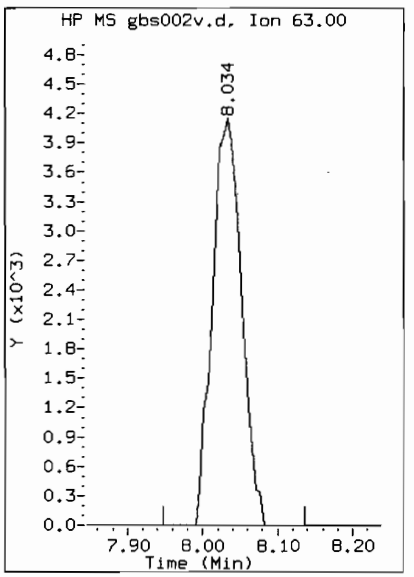


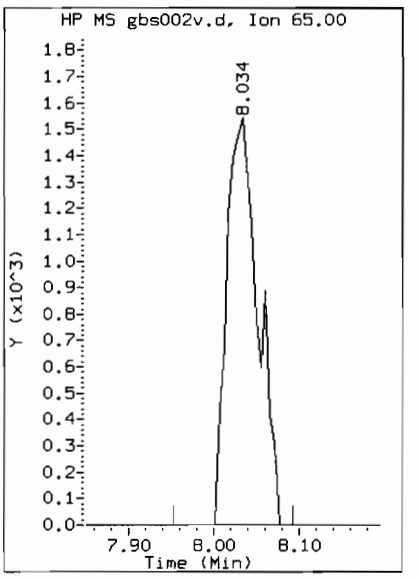


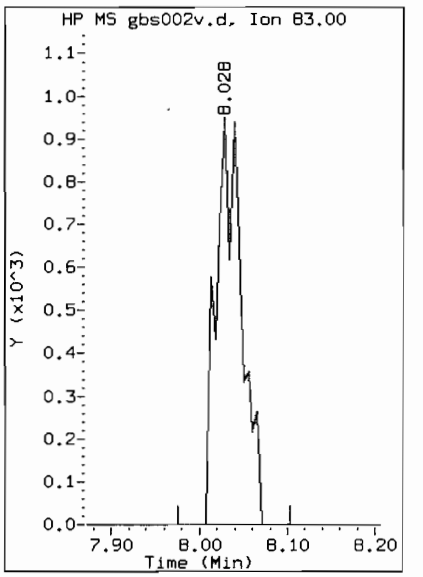


Original Integrations:

Area = 789 Area = 263 Area = 19307







Final Integrations:

Area = 11123 Area = 3911 Area = 1941

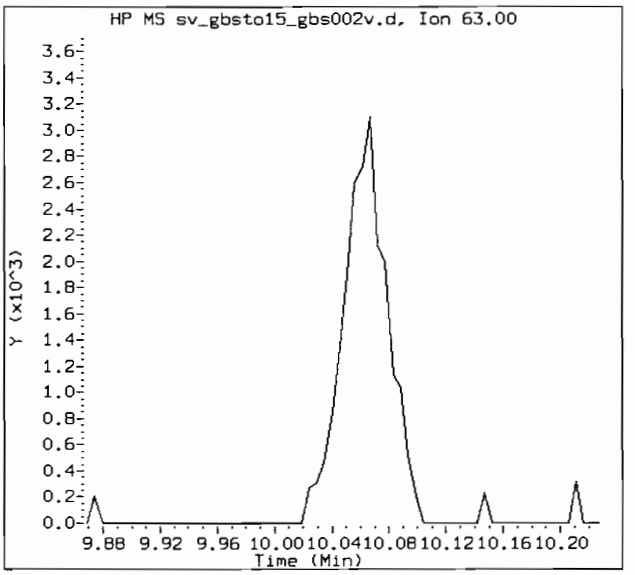
Manual Integration Reason: MI2 - Peak missed

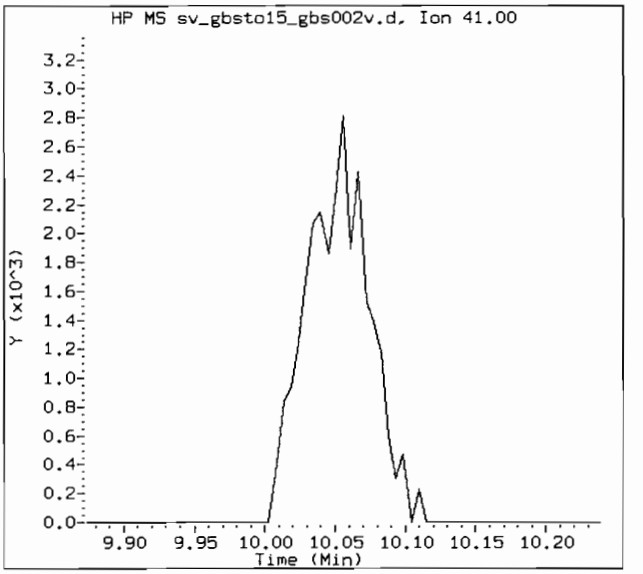
MANUAL INTEGRATION REPORT

Data File Name: gbs002v.d
Client Sample ID: ASTD0002
Compound Name: 1,2-Dichloropropane

Inj. Date and Time: 11-DEC-2007 09:30
Instrument ID: G.i
CAS #: 78-87-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 12/12/2007 10:38

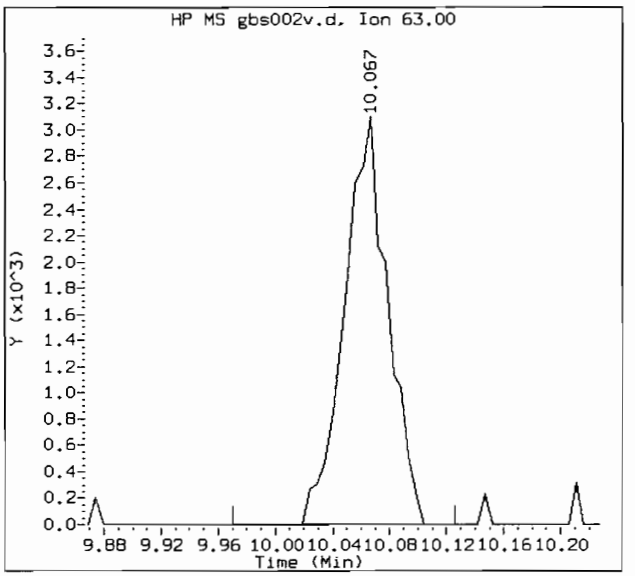


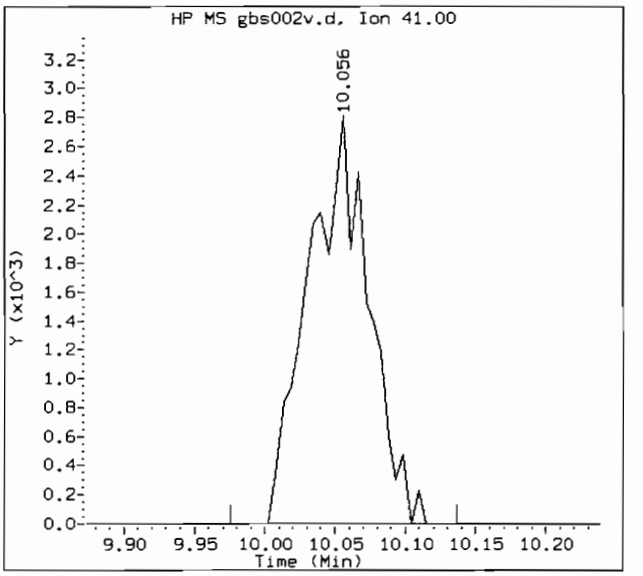


Original Integrations:

Area = 272418

Area = 1969





Final Integrations:

Area = 6596

Area = 8425

Manual Integration Reason: MI2 - Peak missed

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbs005v.d

Date : 11-DEC-2007 10:20

Client ID: ASTD0005

Sample Info:

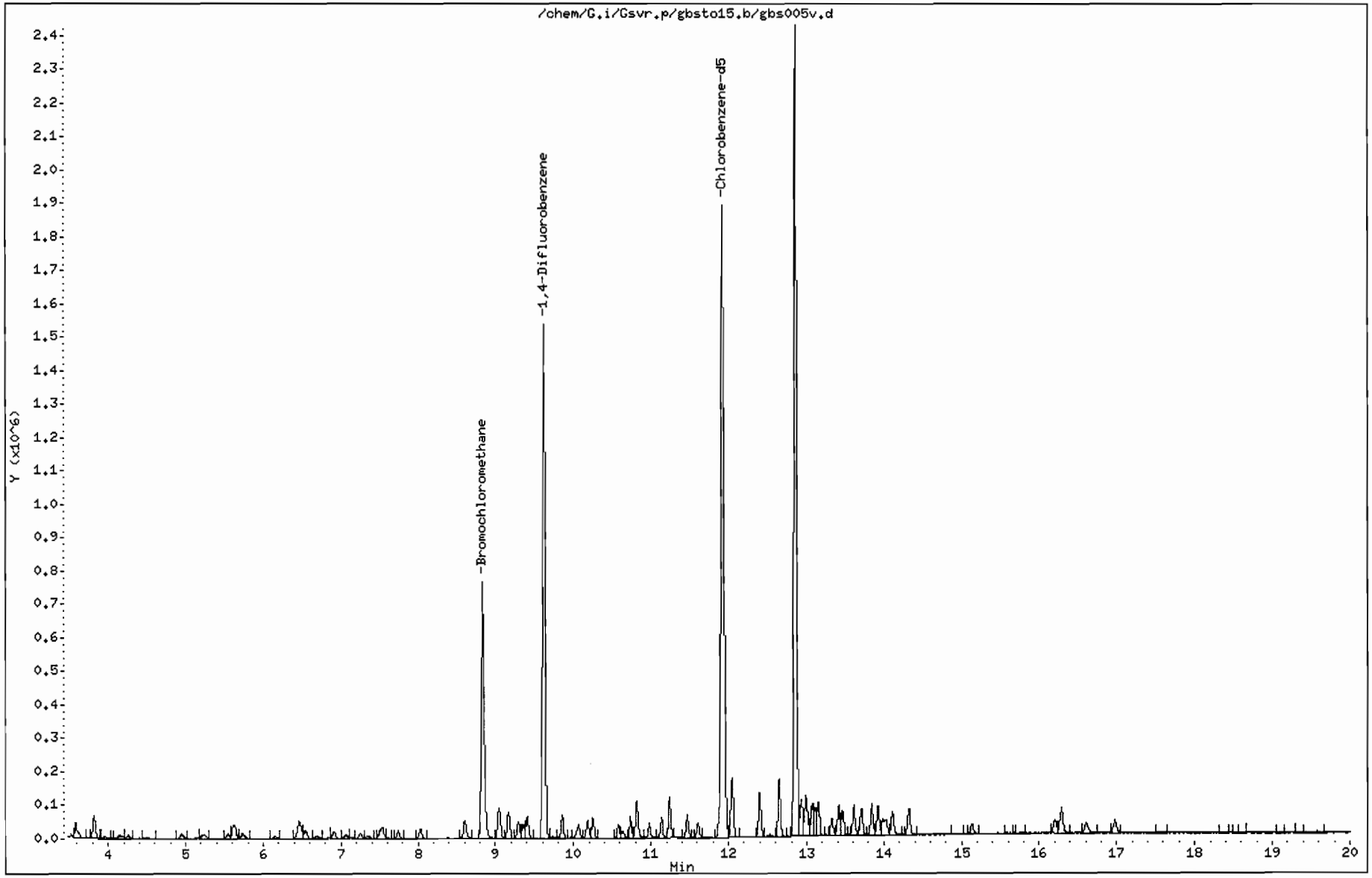
Purge Volume: 200.0

Column phase: RTX-624

Instrument: G.i

Operator: wrd

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbsto15.b/gbs005v.d
Lab Smp Id: ASTD0005 Client Smp ID: ASTD0005
Inj Date : 11-DEC-2007 10:20
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : ASTD0005;121107GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Meth Date : 12-Dec-2007 10:38 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 10:20 Cal File: gbs005v.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	3.583	3.583	(0.405)	51376	0.50000	0.59
168 Freon 22	51	3.626	3.620	(0.410)	19655	0.50000	0.59
2 1,2-Dichlorotetrafluoroethane	85	3.818	3.818	(0.432)	51279	0.50000	0.56
3 Chloromethane	50	3.952	3.952	(0.447)	7799	0.50000	0.58
4 Vinyl Chloride	62	4.188	4.182	(0.474)	10927	0.50000	0.52
5 1,3-Butadiene	54	4.262	4.246	(0.482)	5942	0.50000	0.48(a)
6 Bromomethane	94	4.942	4.947	(0.559)	15585	0.50000	0.50
7 Chloroethane	64	5.161	5.150	(0.584)	5684	0.50000	0.50
8 Bromoethene	106	5.541	5.546	(0.627)	17297	0.50000	0.50
9 Trichlorofluoromethane	101	5.621	5.627	(0.636)	70559	0.50000	0.53
10 Freon TF	101	6.461	6.466	(0.731)	37425	0.50000	0.51
11 1,1-Dichloroethene	96	6.541	6.541	(0.740)	15828	0.50000	0.51
14 Carbon Disulfide	76	6.911	6.910	(0.782)	42616	0.50000	0.51
15 3-Chloropropene	41	7.071	7.060	(0.800)	9399	0.50000	0.46(a)
16 Methylene Chloride	49	7.253	7.248	(0.821)	11801	0.50000	0.55(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	18 Methyl tert-Butyl Ether	73	7.504	7.494	(0.849)	35923	0.50000	0.51
	19 trans-1,2-Dichloroethene	61	7.536	7.536	(0.853)	20207	0.50000	0.50
	20 n-Hexane	57	7.740	7.745	(0.876)	16388	0.50000	0.49(a)
	21 1,1-Dichloroethane	63	8.039	8.034	(0.910)	26227	0.50000	0.52
M	22 1,2-Dichloroethene (total)	61				37715	1.00000	1.0
	23 Methyl Ethyl Ketone	72	8.612	8.590	(0.975)	4320	0.50000	0.46(aQ)
	24 cis-1,2-Dichloroethene	96	8.606	8.606	(0.974)	17508	0.50000	0.50
*	25 Bromochloromethane	128	8.836	8.842	(1.000)	295952	10.0000	
	27 Chloroform	83	8.863	8.863	(1.003)	45460	0.50000	0.53
	28 1,1,1-Trichloroethane	97	9.040	9.040	(0.940)	59020	0.50000	0.52
	29 Cyclohexane	84	9.061	9.056	(0.942)	22141	0.50000	0.49
	30 Carbon Tetrachloride	117	9.163	9.168	(0.953)	64922	0.50000	0.53
	31 2,2,4-Trimethylpentane	57	9.291	9.291	(0.966)	52647	0.50000	0.45
	32 Benzene	78	9.355	9.350	(0.973)	47444	0.50000	0.48
	34 n-Heptane	43	9.409	9.409	(0.978)	16376	0.50000	0.47
	33 1,2-Dichloroethane	62	9.393	9.398	(0.977)	30529	0.50000	0.52
*	35 1,4-Difluorobenzene	114	9.617	9.623	(1.000)	1542094	10.0000	
	36 Trichloroethene	95	9.858	9.853	(1.025)	28363	0.50000	0.50
	37 Methyl Methacrylate	69	10.029	10.019	(1.043)	8091	0.50000	0.38(a)
	38 1,2-Dichloropropane	63	10.072	10.067	(1.047)	14552	0.50000	0.49(Q)
	40 Bromodichloromethane	83	10.249	10.249	(1.066)	47331	0.50000	0.48
	41 cis-1,3-Dichloropropene	75	10.580	10.575	(1.100)	29405	0.50000	0.49
	42 Methyl Isobutyl Ketone	43	10.639	10.629	(1.106)	14391	0.50000	0.44(a)
	43 Toluene	92	10.821	10.821	(0.907)	39084	0.50000	0.49
	44 trans-1,3-Dichloropropene	75	10.976	10.976	(1.141)	32606	0.50000	0.48
	45 1,1,2-Trichloroethane	83	11.137	11.137	(0.934)	18107	0.50000	0.49
	46 Tetrachloroethene	166	11.238	11.238	(0.942)	36459	0.50000	0.49
	47 Methyl Butyl Ketone	43	11.249	11.238	(0.943)	12778	0.50000	0.40(a)
	48 Dibromochloromethane	129	11.468	11.468	(0.961)	47690	0.50000	0.47
	49 1,2-Dibromoethane	107	11.613	11.608	(0.974)	39998	0.50000	0.49
*	50 Chlorobenzene-d5	117	11.929	11.929	(1.000)	1472509	10.0000	
	51 Chlorobenzene	112	11.955	11.955	(1.002)	59920	0.50000	0.49(Q)
	52 Ethylbenzene	91	11.961	11.961	(1.003)	98239	0.50000	0.53
M	55 Xylene (total)	106				101276	0.50000	1.6
	53 Xylene (m,p)	106	12.046	12.046	(1.010)	67686	1.00000	1.0
	54 Xylene (o)	106	12.389	12.394	(1.039)	33590	0.50000	0.53
	56 Styrene	104	12.405	12.405	(1.040)	39047	0.50000	0.42
	57 Bromoform	173	12.645	12.645	(1.060)	41118	0.50000	0.46
	58 1,1,2,2-Tetrachloroethane	83	12.924	12.924	(1.083)	38646	0.50000	0.47
	59 4-Ethyltoluene	105	13.068	13.068	(1.096)	83521	0.50000	0.43
	60 1,3,5-Trimethylbenzene	105	13.105	13.105	(1.099)	64961	0.50000	0.42
	61 2-Chlorotoluene	91	13.154	13.148	(1.103)	83478	0.50000	0.50
	62 1,2,4-Trimethylbenzene	105	13.464	13.464	(1.129)	58727	0.50000	0.40
	63 1,3-Dichlorobenzene	146	13.844	13.844	(1.161)	54718	0.50000	0.50
	64 1,4-Dichlorobenzene	146	13.924	13.924	(1.167)	51734	0.50000	0.48
	65 1,2-Dichlorobenzene	146	14.331	14.325	(1.201)	49409	0.50000	0.49
	66 1,2,4-Trichlorobenzene	180	16.203	16.203	(1.358)	23633	0.50000	0.41(a)

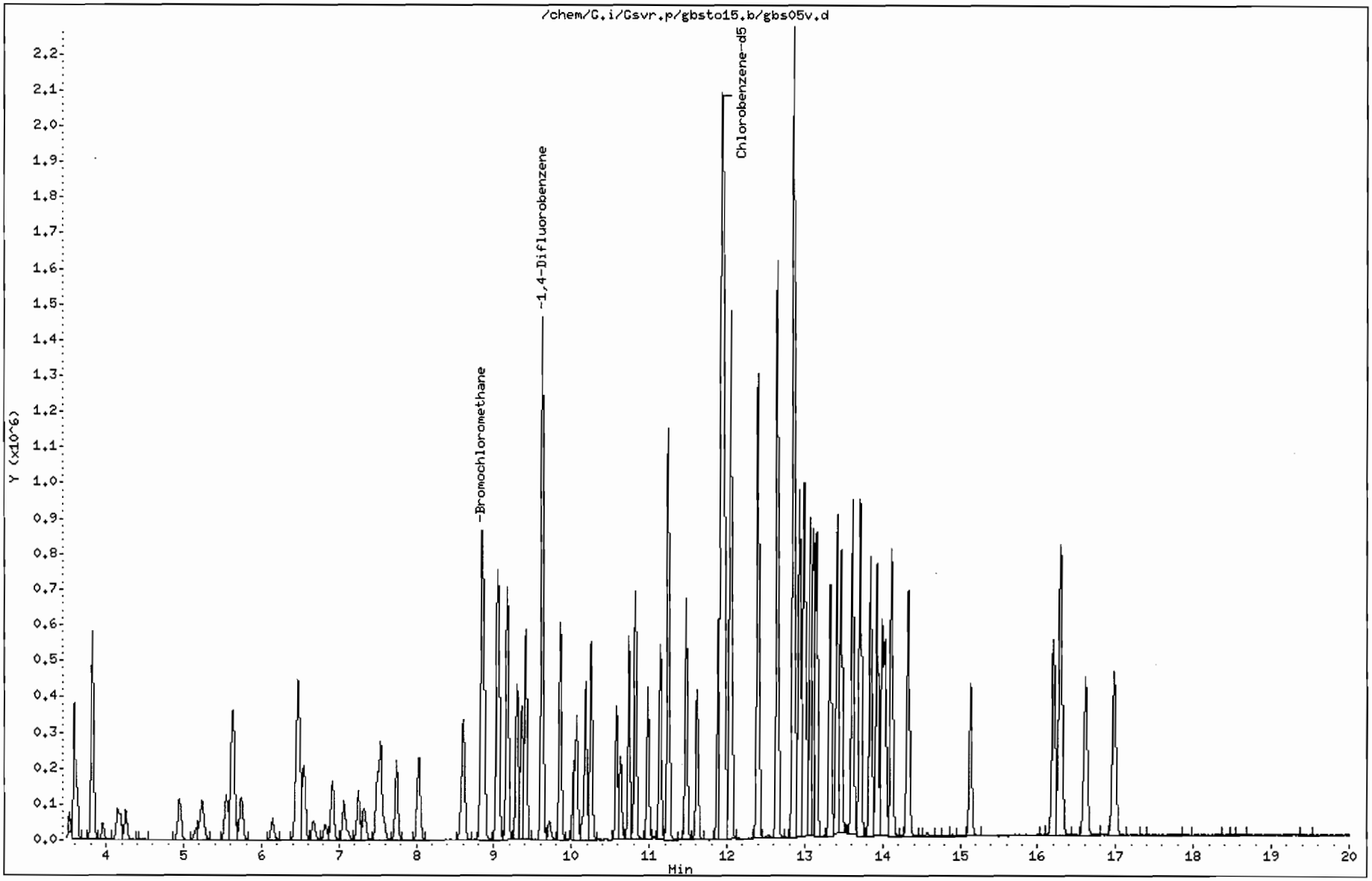
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
67 Hexachlorobutadiene	225	16.289	16.294	(1.365)	22442	0.50000	0.44
68 Naphthalene	128	16.615	16.610	(1.393)	50512	0.50000	0.37(a)

QC Flag Legend

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

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbs05v.d
Date : 11-DEC-2007 11:10
Client ID: ASTD005
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbsto15.b/gbs05v.d
Lab Smp Id: ASTD005 Client Smp ID: ASTD005
Inj Date : 11-DEC-2007 11:10
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : ASTD005;121107GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Meth Date : 12-Dec-2007 10:38 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 11:10 Cal File: gbs05v.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	3.588	3.583	(0.406)	438011	5.00000	5.3
168 Freon 22	51	3.626	3.620	(0.410)	162359	5.00000	5.2
2 1,2-Dichlorotetrafluoroethane	85	3.819	3.818	(0.432)	424033	5.00000	5.0
3 Chloromethane	50	3.958	3.952	(0.448)	60062	5.00000	4.8
4 Vinyl Chloride	62	4.182	4.182	(0.473)	91330	5.00000	4.7
5 1,3-Butadiene	54	4.252	4.246	(0.481)	55472	5.00000	4.8
6 Bromomethane	94	4.953	4.947	(0.560)	129240	5.00000	4.5
7 Chloroethane	64	5.156	5.150	(0.583)	48254	5.00000	4.6
8 Bromoethene	106	5.546	5.546	(0.628)	148308	5.00000	4.6
9 Trichlorofluoromethane	101	5.627	5.627	(0.637)	609372	5.00000	4.9
10 Freon TF	101	6.467	6.466	(0.732)	328263	5.00000	4.8
11 1,1-Dichloroethene	96	6.547	6.541	(0.741)	131334	5.00000	4.6
12 Acetone	43	6.665	6.664	(0.754)	106149	5.00000	4.9(a)
13 Isopropyl Alcohol	45	6.820	6.820	(0.772)	84746	5.00000	4.9(a)
14 Carbon Disulfide	76	6.916	6.910	(0.783)	357868	5.00000	4.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	15 3-Chloropropene	41	7.060	7.060	(0.799)	87900	5.00000	4.6
	16 Methylene Chloride	49	7.248	7.248	(0.820)	92041	5.00000	4.6
	17 tert-Butyl Alcohol	59	7.328	7.322	(0.829)	167427	5.00000	5.0
	18 Methyl tert-Butyl Ether	73	7.494	7.494	(0.848)	308585	5.00000	4.7
	19 trans-1,2-Dichloroethene	61	7.537	7.536	(0.853)	174945	5.00000	4.7
	20 n-Hexane	57	7.745	7.745	(0.876)	140734	5.00000	4.5
	21 1,1-Dichloroethane	63	8.034	8.034	(0.909)	220604	5.00000	4.7
M	22 1,2-Dichloroethene (total)	61				324381	10.0000	9.3
	23 Methyl Ethyl Ketone	72	8.590	8.590	(0.972)	42185	5.00000	4.8
	24 cis-1,2-Dichloroethene	96	8.607	8.606	(0.974)	149436	5.00000	4.6
	26 Tetrahydrofuran	42	8.874	8.863	(0.922)	58021	5.00000	4.4(a)
*	25 Bromochloromethane	128	8.837	8.842	(1.000)	276166	10.0000	
	27 Chloroform	83	8.863	8.863	(1.003)	385205	5.00000	4.8
	28 1,1,1-Trichloroethane	97	9.040	9.040	(0.939)	514123	5.00000	4.9
	29 Cyclohexane	84	9.061	9.056	(0.942)	191311	5.00000	4.5
	30 Carbon Tetrachloride	117	9.168	9.168	(0.953)	575203	5.00000	5.0
	31 2,2,4-Trimethylpentane	57	9.291	9.291	(0.966)	480451	5.00000	4.4
	32 Benzene	78	9.355	9.350	(0.972)	404720	5.00000	4.4
	34 n-Heptane	43	9.414	9.409	(0.978)	145712	5.00000	4.5
	33 1,2-Dichloroethane	62	9.398	9.398	(0.977)	265474	5.00000	4.9
*	35 1,4-Difluorobenzene	114	9.623	9.623	(1.000)	1438747	10.0000	
	36 Trichloroethene	95	9.858	9.853	(1.024)	249876	5.00000	4.8
	37 Methyl Methacrylate	69	10.030	10.019	(1.042)	91746	5.00000	4.6
	38 1,2-Dichloropropane	63	10.067	10.067	(1.046)	123467	5.00000	4.5
	39 1,4-Dioxane	88	10.137	10.131	(1.053)	52123	5.00000	4.8(a)
	40 Bromodichloromethane	83	10.254	10.249	(1.066)	454481	5.00000	4.9
	41 cis-1,3-Dichloropropene	75	10.581	10.575	(1.099)	264533	5.00000	4.7
	42 Methyl Isobutyl Ketone	43	10.629	10.629	(1.105)	147126	5.00000	4.8
	43 Toluene	92	10.821	10.821	(0.907)	353173	5.00000	4.6
	44 trans-1,3-Dichloropropene	75	10.982	10.976	(1.141)	312538	5.00000	4.9
	45 1,1,2-Trichloroethane	83	11.137	11.137	(0.934)	160504	5.00000	4.6
	46 Tetrachloroethene	166	11.244	11.238	(0.943)	327688	5.00000	4.6
	47 Methyl Butyl Ketone	43	11.239	11.238	(0.942)	142982	5.00000	4.6
	48 Dibromochloromethane	129	11.474	11.468	(0.962)	490874	5.00000	5.0
	49 1,2-Dibromoethane	107	11.613	11.608	(0.974)	370680	5.00000	4.7
*	50 Chlorobenzene-d5	117	11.929	11.929	(1.000)	1415004	10.0000	
	51 Chlorobenzene	112	11.955	11.955	(1.002)	542161	5.00000	4.6
	52 Ethylbenzene	91	11.961	11.961	(1.003)	798568	5.00000	4.5
M	55 Xylene (total)	106				855603	5.00000	14
	53 Xylene (m,p)	106	12.046	12.046	(1.010)	579652	10.0000	9.0
	54 Xylene (o)	106	12.394	12.394	(1.039)	275951	5.00000	4.5
	56 Styrene	104	12.405	12.405	(1.040)	428293	5.00000	4.8
	57 Bromoform	173	12.646	12.645	(1.060)	433191	5.00000	5.1
	58 1,1,2,2-Tetrachloroethane	83	12.924	12.924	(1.083)	342252	5.00000	4.4
	59 4-Ethyltoluene	105	13.074	13.068	(1.096)	831901	5.00000	4.5
	60 1,3,5-Trimethylbenzene	105	13.111	13.105	(1.099)	735968	5.00000	5.0
	61 2-Chlorotoluene	91	13.154	13.148	(1.103)	779906	5.00000	4.8

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 1,2,4-Trimethylbenzene	105	13.469	13.464	(1.129)	694565	5.00000	4.9
63 1,3-Dichlorobenzene	146	13.844	13.844	(1.161)	483802	5.00000	4.6
64 1,4-Dichlorobenzene	146	13.929	13.924	(1.168)	476756	5.00000	4.6
65 1,2-Dichlorobenzene	146	14.331	14.325	(1.201)	446521	5.00000	4.6
66 1,2,4-Trichlorobenzene	180	16.198	16.203	(1.358)	295667	5.00000	5.3
67 Hexachlorobutadiene	225	16.294	16.294	(1.366)	266092	5.00000	5.4
68 Naphthalene	128	16.610	16.610	(1.392)	715853	5.00000	5.5

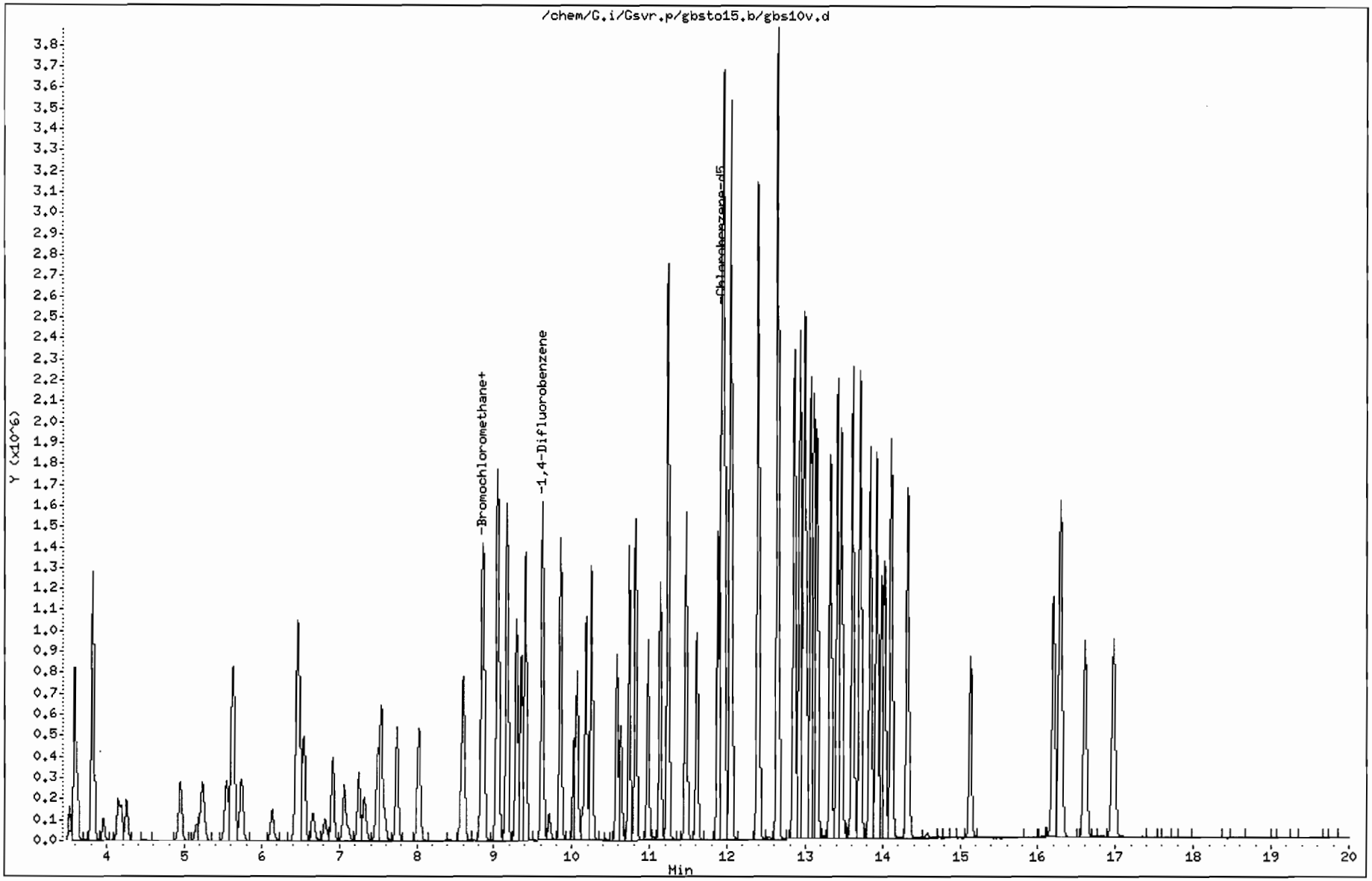
QC Flag Legend

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

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbs10v.d
Date : 11-DEC-2007 12:00
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i

Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbsto15.b/gbs10v.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 11-DEC-2007 12:00
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : ASTD010;121107GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Meth Date : 12-Dec-2007 10:38 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 12:00 Cal File: gbs10v.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	3.583	3.583	(0.405)	958449	10.0000	10
168 Freon 22	51	3.620	3.620	(0.409)	353250	10.0000	10
2 1,2-Dichlorotetrafluoroethane	85	3.818	3.818	(0.432)	938679	10.0000	9.7
3 Chloromethane	50	3.952	3.952	(0.447)	140083	10.0000	9.9
4 Vinyl Chloride	62	4.182	4.182	(0.473)	212444	10.0000	9.6
5 1,3-Butadiene	54	4.246	4.246	(0.480)	133147	10.0000	10
6 Bromomethane	94	4.947	4.947	(0.560)	317736	10.0000	9.7
7 Chloroethane	64	5.150	5.150	(0.582)	119305	10.0000	10
8 Bromoethene	106	5.546	5.546	(0.627)	357828	10.0000	9.7
9 Trichlorofluoromethane	101	5.627	5.627	(0.636)	1391160	10.0000	9.9
10 Freon TF	101	6.466	6.466	(0.731)	778335	10.0000	9.9
11 1,1-Dichloroethene	96	6.541	6.541	(0.740)	322454	10.0000	9.9
12 Acetone	43	6.664	6.664	(0.754)	252689	10.0000	10
13 Isopropyl Alcohol	45	6.820	6.820	(0.771)	202454	10.0000	10
14 Carbon Disulfide	76	6.910	6.910	(0.782)	864803	10.0000	9.9

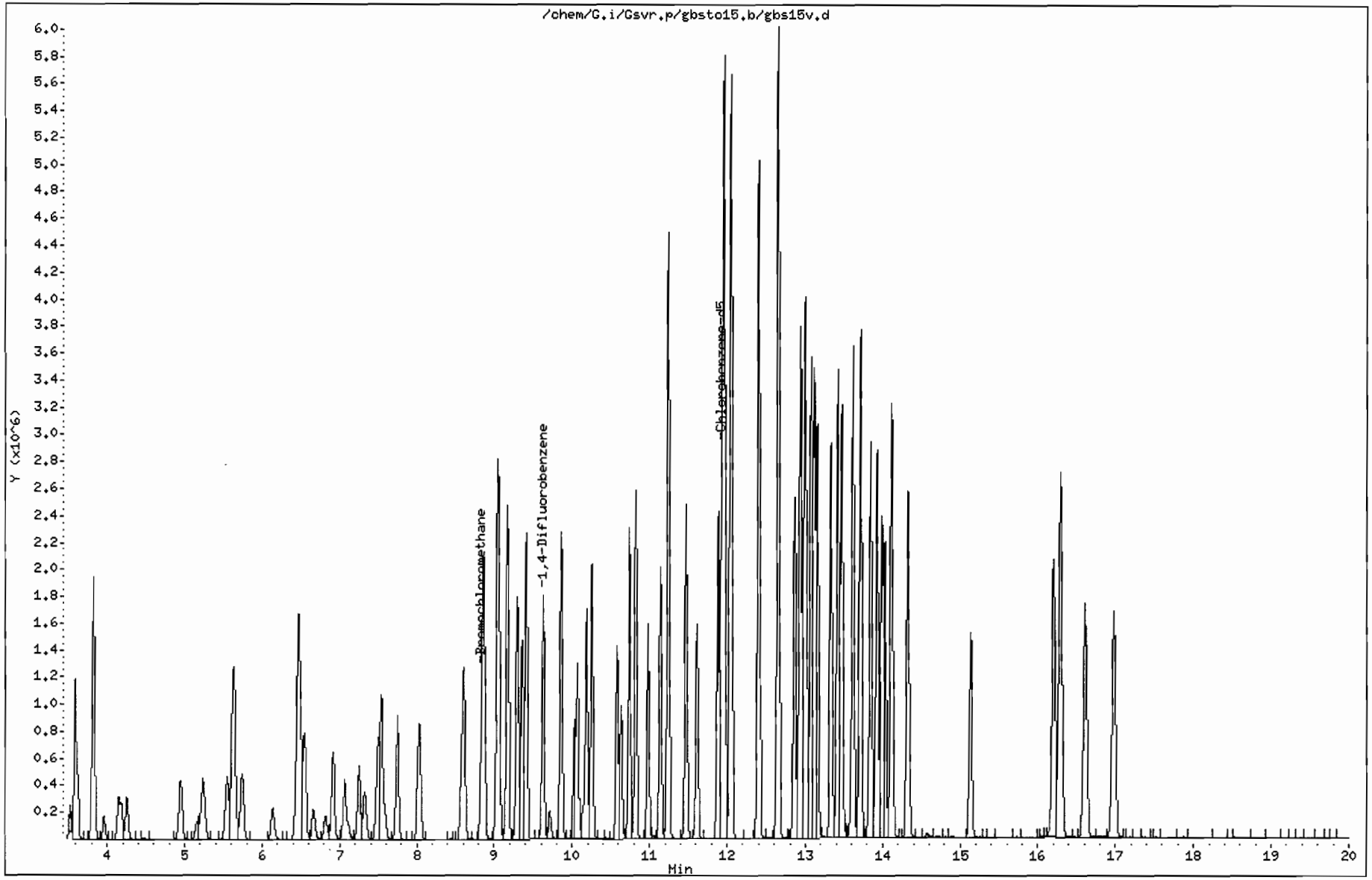
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	15 3-Chloropropene	41	7.060	7.060	(0.799)	205186	10.0000	9.5
	16 Methylene Chloride	49	7.248	7.248	(0.820)	220783	10.0000	9.7
	17 tert-Butyl Alcohol	59	7.322	7.322	(0.828)	396283	10.0000	10
	18 Methyl tert-Butyl Ether	73	7.494	7.494	(0.848)	750392	10.0000	10
	19 trans-1,2-Dichloroethene	61	7.536	7.536	(0.852)	418998	10.0000	9.8
	20 n-Hexane	57	7.745	7.745	(0.876)	356218	10.0000	10
	21 1,1-Dichloroethane	63	8.034	8.034	(0.909)	529686	10.0000	9.9
M	22 1,2-Dichloroethene (total)	61				779883	20.0000	20
	23 Methyl Ethyl Ketone	72	8.590	8.590	(0.972)	100621	10.0000	10
	24 cis-1,2-Dichloroethene	96	8.606	8.606	(0.973)	360885	10.0000	9.8
	26 Tetrahydrofuran	42	8.863	8.863	(0.921)	144969	10.0000	9.9
*	25 Bromochloromethane	128	8.842	8.842	(1.000)	313242	10.0000	
	27 Chloroform	83	8.863	8.863	(1.002)	895787	10.0000	9.9
	28 1,1,1-Trichloroethane	97	9.040	9.040	(0.939)	1177869	10.0000	10
	29 Cyclohexane	84	9.056	9.056	(0.941)	467873	10.0000	9.8
	30 Carbon Tetrachloride	117	9.168	9.168	(0.953)	1305541	10.0000	10
	31 2,2,4-Trimethylpentane	57	9.291	9.291	(0.966)	1195979	10.0000	9.8
	32 Benzene	78	9.350	9.350	(0.972)	977707	10.0000	9.5
	34 n-Heptane	43	9.409	9.409	(0.978)	359389	10.0000	9.8
	33 1,2-Dichloroethane	62	9.398	9.398	(0.977)	613977	10.0000	10
*	35 1,4-Difluorobenzene	114	9.623	9.623	(1.000)	1618198	10.0000	
	36 Trichloroethene	95	9.853	9.853	(1.024)	580759	10.0000	9.8
	37 Methyl Methacrylate	69	10.019	10.019	(1.041)	226494	10.0000	10
	38 1,2-Dichloropropane	63	10.067	10.067	(1.046)	303403	10.0000	9.8
	39 1,4-Dioxane	88	10.131	10.131	(1.053)	127914	10.0000	10
	40 Bromodichloromethane	83	10.249	10.249	(1.065)	1063279	10.0000	10
	41 cis-1,3-Dichloropropene	75	10.575	10.575	(1.099)	636222	10.0000	10
	42 Methyl Isobutyl Ketone	43	10.629	10.629	(1.105)	347767	10.0000	10
	43 Toluene	92	10.821	10.821	(0.907)	816784	10.0000	9.7
	44 trans-1,3-Dichloropropene	75	10.976	10.976	(1.141)	713919	10.0000	10
	45 1,1,2-Trichloroethane	83	11.137	11.137	(0.934)	375332	10.0000	9.8
	46 Tetrachloroethene	166	11.238	11.238	(0.942)	775075	10.0000	10
	47 Methyl Butyl Ketone	43	11.238	11.238	(0.942)	355444	10.0000	11
	48 Dibromochloromethane	129	11.468	11.468	(0.961)	1130248	10.0000	11
	49 1,2-Dibromoethane	107	11.608	11.608	(0.973)	867310	10.0000	10
*	50 Chlorobenzene-d5	117	11.929	11.929	(1.000)	1535542	10.0000	
	51 Chlorobenzene	112	11.955	11.955	(1.002)	1253137	10.0000	9.8
	52 Ethylbenzene	91	11.961	11.961	(1.003)	1854056	10.0000	9.6
M	55 Xylene (total)	106				2028796	10.0000	30
	53 Xylene (m,p)	106	12.046	12.046	(1.010)	1369786	20.0000	20
	54 Xylene (o)	106	12.394	12.394	(1.039)	659010	10.0000	9.9
	56 Styrene	104	12.405	12.405	(1.040)	1058904	10.0000	11
	57 Bromoform	173	12.645	12.645	(1.060)	984009	10.0000	11
	58 1,1,2,2-Tetrachloroethane	83	12.924	12.924	(1.083)	860070	10.0000	10
	59 4-Ethyltoluene	105	13.068	13.068	(1.096)	2085389	10.0000	10
	60 1,3,5-Trimethylbenzene	105	13.105	13.105	(1.099)	1774918	10.0000	11
	61 2-Chlorotoluene	91	13.148	13.148	(1.102)	1763043	10.0000	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 1,2,4-Trimethylbenzene	105	13.464	13.464	(1.129)	1673822	10.0000	11
63 1,3-Dichlorobenzene	146	13.844	13.844	(1.161)	1162395	10.0000	10
64 1,4-Dichlorobenzene	146	13.924	13.924	(1.167)	1144474	10.0000	10
65 1,2-Dichlorobenzene	146	14.325	14.325	(1.201)	1080881	10.0000	10
66 1,2,4-Trichlorobenzene	180	16.203	16.203	(1.358)	628822	10.0000	10
67 Hexachlorobutadiene	225	16.294	16.294	(1.366)	534789	10.0000	10
68 Naphthalene	128	16.610	16.610	(1.392)	1522340	10.0000	11

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbs15v.d
Date : 11-DEC-2007 12:50
Client ID: ASTD015
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i

Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbsto15.b/gbs15v.d
Lab Smp Id: ASTD015 Client Smp ID: ASTD015
Inj Date : 11-DEC-2007 12:50
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : ASTD015;121107GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Meth Date : 12-Dec-2007 10:38 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 12:50 Cal File: gbs15v.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

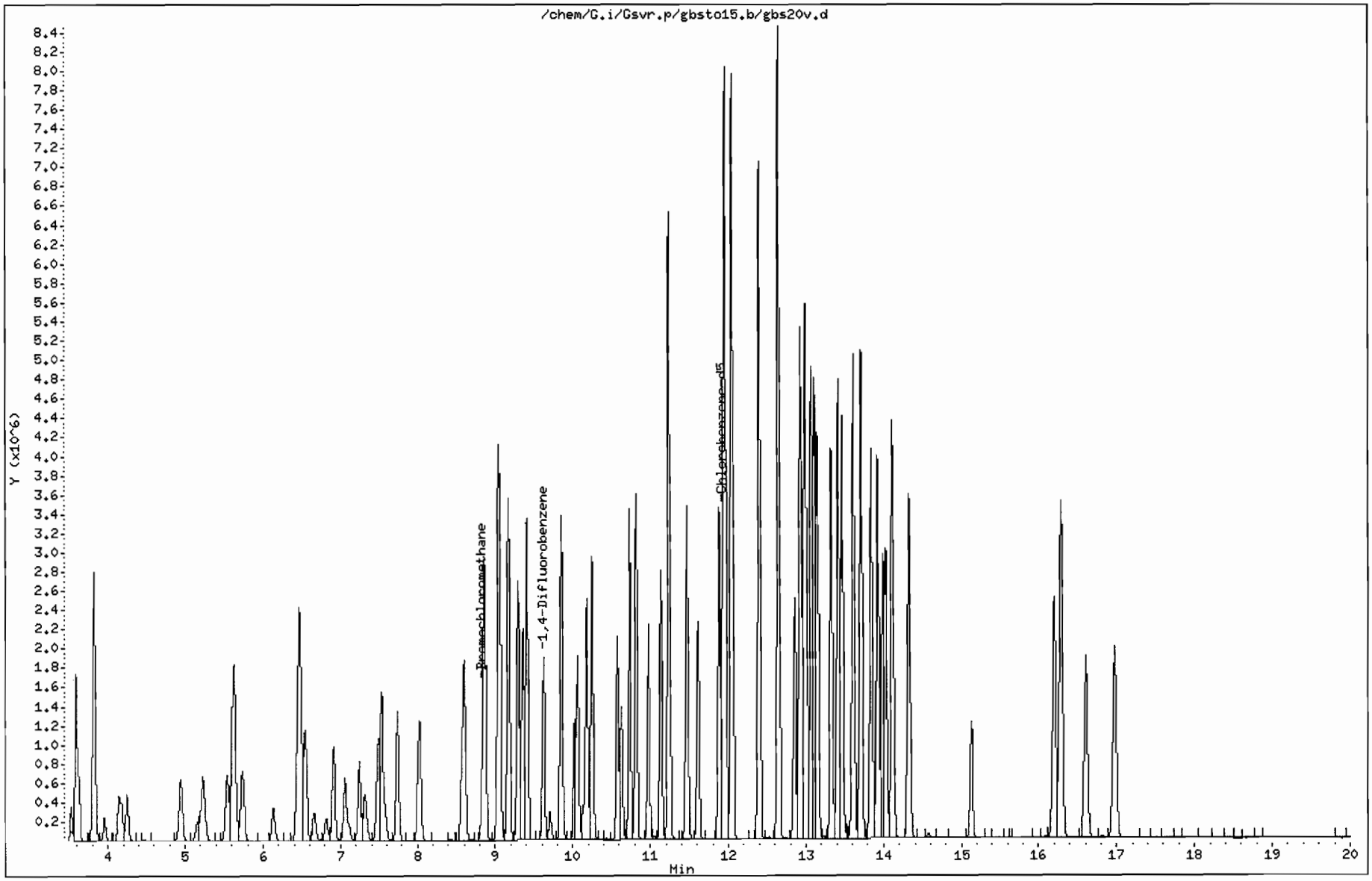
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
12 Acetone	43	6.659	6.664	(0.754)	418740	15.0000	15
13 Isopropyl Alcohol	45	6.820	6.820	(0.772)	353868	15.0000	16
17 tert-Butyl Alcohol	59	7.323	7.322	(0.829)	679623	15.0000	16
26 Tetrahydrofuran	42	8.863	8.863	(0.921)	248275	15.0000	15
* 25 Bromochloromethane	128	8.836	8.842	(1.000)	349488	10.0000	
* 35 1,4-Difluorobenzene	114	9.623	9.623	(1.000)	1798666	10.0000	
39 1,4-Dioxane	88	10.131	10.131	(1.053)	219947	15.0000	16
* 50 Chlorobenzene-d5	117	11.929	11.929	(1.000)	1725697	10.0000	

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbs20v.d
Date : 11-DEC-2007 13:40
Client ID: ASTD020
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbsto15.b/gbs20v.d
Lab Smp Id: ASTD020 Client Smp ID: ASTD020
Inj Date : 11-DEC-2007 13:40
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : ASTD020;121107GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Meth Date : 12-Dec-2007 10:39 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 13:40 Cal File: gbs20v.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	3.583	3.583	(0.405)	2001083	20.0000	18
168 Freon 22	51	3.620	3.620	(0.410)	773952	20.0000	18
2 1,2-Dichlorotetrafluoroethane	85	3.818	3.818	(0.432)	2071901	20.0000	18
3 Chloromethane	50	3.957	3.952	(0.448)	326858	20.0000	19
4 Vinyl Chloride	62	4.182	4.182	(0.473)	515618	20.0000	19
5 1,3-Butadiene	54	4.252	4.246	(0.481)	327285	20.0000	21
6 Bromomethane	94	4.942	4.947	(0.559)	734049	20.0000	19
7 Chloroethane	64	5.156	5.150	(0.583)	296649	20.0000	21
8 Bromoethene	106	5.541	5.546	(0.627)	852552	20.0000	19
9 Trichlorofluoromethane	101	5.627	5.627	(0.637)	3077194	20.0000	18
10 Freon TF	101	6.466	6.466	(0.732)	1811056	20.0000	19
11 1,1-Dichloroethene	96	6.541	6.541	(0.740)	778998	20.0000	20
12 Acetone	43	6.659	6.664	(0.754)	568184	20.0000	19
13 Isopropyl Alcohol	45	6.809	6.820	(0.771)	462927	20.0000	20
14 Carbon Disulfide	76	6.910	6.910	(0.782)	2161223	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	15 3-Chloropropene	41	7.060	7.060	(0.799)	557640	20.0000	22
	16 Methylene Chloride	49	7.247	7.248	(0.820)	551737	20.0000	20
	17 tert-Butyl Alcohol	59	7.322	7.322	(0.829)	936949	20.0000	20
	18 Methyl tert-Butyl Ether	73	7.488	7.494	(0.847)	1798658	20.0000	20
	19 trans-1,2-Dichloroethene	61	7.536	7.536	(0.853)	1025282	20.0000	20
	20 n-Hexane	57	7.745	7.745	(0.876)	904547	20.0000	21
	21 1,1-Dichloroethane	63	8.034	8.034	(0.909)	1283346	20.0000	20
M	22 1,2-Dichloroethene (total)	61				1914197	40.0000	40
	23 Methyl Ethyl Ketone	72	8.585	8.590	(0.972)	253203	20.0000	21
	24 cis-1,2-Dichloroethene	96	8.606	8.606	(0.974)	888915	20.0000	20
	26 Tetrahydrofuran	42	8.863	8.863	(0.921)	355282	20.0000	20
*	25 Bromochloromethane	128	8.836	8.842	(1.000)	376359	10.0000	
	27 Chloroform	83	8.863	8.863	(1.003)	2082874	20.0000	19
	28 1,1,1-Trichloroethane	97	9.040	9.040	(0.939)	2659319	20.0000	19
	29 Cyclohexane	84	9.056	9.056	(0.941)	1158380	20.0000	21
	30 Carbon Tetrachloride	117	9.168	9.168	(0.953)	2892889	20.0000	19
	31 2,2,4-Trimethylpentane	57	9.291	9.291	(0.966)	3066689	20.0000	21
	32 Benzene	78	9.355	9.350	(0.972)	2466066	20.0000	20
	34 n-Heptane	43	9.409	9.409	(0.978)	906636	20.0000	21
	33 1,2-Dichloroethane	62	9.398	9.398	(0.977)	1400300	20.0000	19
*	35 1,4-Difluorobenzene	114	9.623	9.623	(1.000)	1920018	10.0000	
	36 Trichloroethene	95	9.853	9.853	(1.024)	1387517	20.0000	20
	37 Methyl Methacrylate	69	10.024	10.019	(1.042)	586620	20.0000	22
	38 1,2-Dichloropropane	63	10.061	10.067	(1.046)	743411	20.0000	20
	39 1,4-Dioxane	88	10.136	10.131	(1.053)	282693	20.0000	19
	40 Bromodichloromethane	83	10.249	10.249	(1.065)	2442291	20.0000	20
	41 cis-1,3-Dichloropropene	75	10.575	10.575	(1.099)	1528862	20.0000	20
	42 Methyl Isobutyl Ketone	43	10.629	10.629	(1.105)	894013	20.0000	22
	43 Toluene	92	10.821	10.821	(0.907)	1946777	20.0000	20
	44 trans-1,3-Dichloropropene	75	10.976	10.976	(1.141)	1661469	20.0000	20
	45 1,1,2-Trichloroethane	83	11.137	11.137	(0.934)	880552	20.0000	20
	46 Tetrachloroethene	166	11.238	11.238	(0.942)	1854829	20.0000	21
	47 Methyl Butyl Ketone	43	11.238	11.238	(0.942)	899148	20.0000	24
	48 Dibromochloromethane	129	11.468	11.468	(0.961)	2568015	20.0000	21
	49 1,2-Dibromoethane	107	11.607	11.608	(0.973)	2034297	20.0000	21
*	50 Chlorobenzene-d5	117	11.928	11.929	(1.000)	1741603	10.0000	
	51 Chlorobenzene	112	11.955	11.955	(1.002)	2922950	20.0000	20
	52 Ethylbenzene	91	11.961	11.961	(1.003)	4194647	20.0000	19
M	55 Xylene (total)	106				4605153	20.0000	61
	53 Xylene (m,p)	106	12.046	12.046	(1.010)	3129507	40.0000	40
	54 Xylene (o)	106	12.394	12.394	(1.039)	1475646	20.0000	20
	56 Styrene	104	12.405	12.405	(1.040)	2440813	20.0000	22
	57 Bromoform	173	12.645	12.645	(1.060)	2209986	20.0000	21
	58 1,1,2,2-Tetrachloroethane	83	12.924	12.924	(1.083)	1977417	20.0000	20
	59 4-Ethyltoluene	105	13.073	13.068	(1.096)	5095080	20.0000	22
	60 1,3,5-Trimethylbenzene	105	13.111	13.105	(1.099)	3688119	20.0000	20
	61 2-Chlorotoluene	91	13.154	13.148	(1.103)	3970064	20.0000	20

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
62 1,2,4-Trimethylbenzene	105	13.469	13.464	(1.129)	3786331	20.0000	22
63 1,3-Dichlorobenzene	146	13.844	13.844	(1.161)	2560843	20.0000	20
64 1,4-Dichlorobenzene	146	13.924	13.924	(1.167)	2534541	20.0000	20
65 1,2-Dichlorobenzene	146	14.325	14.325	(1.201)	2350354	20.0000	20
66 1,2,4-Trichlorobenzene	180	16.203	16.203	(1.358)	1418205	20.0000	21
67 Hexachlorobutadiene	225	16.294	16.294	(1.366)	1173760	20.0000	19
68 Naphthalene	128	16.609	16.610	(1.392)	3105605	20.0000	19

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbs40v.d

Date : 11-DEC-2007 14:30

Client ID: ASTD040

Sample Info:

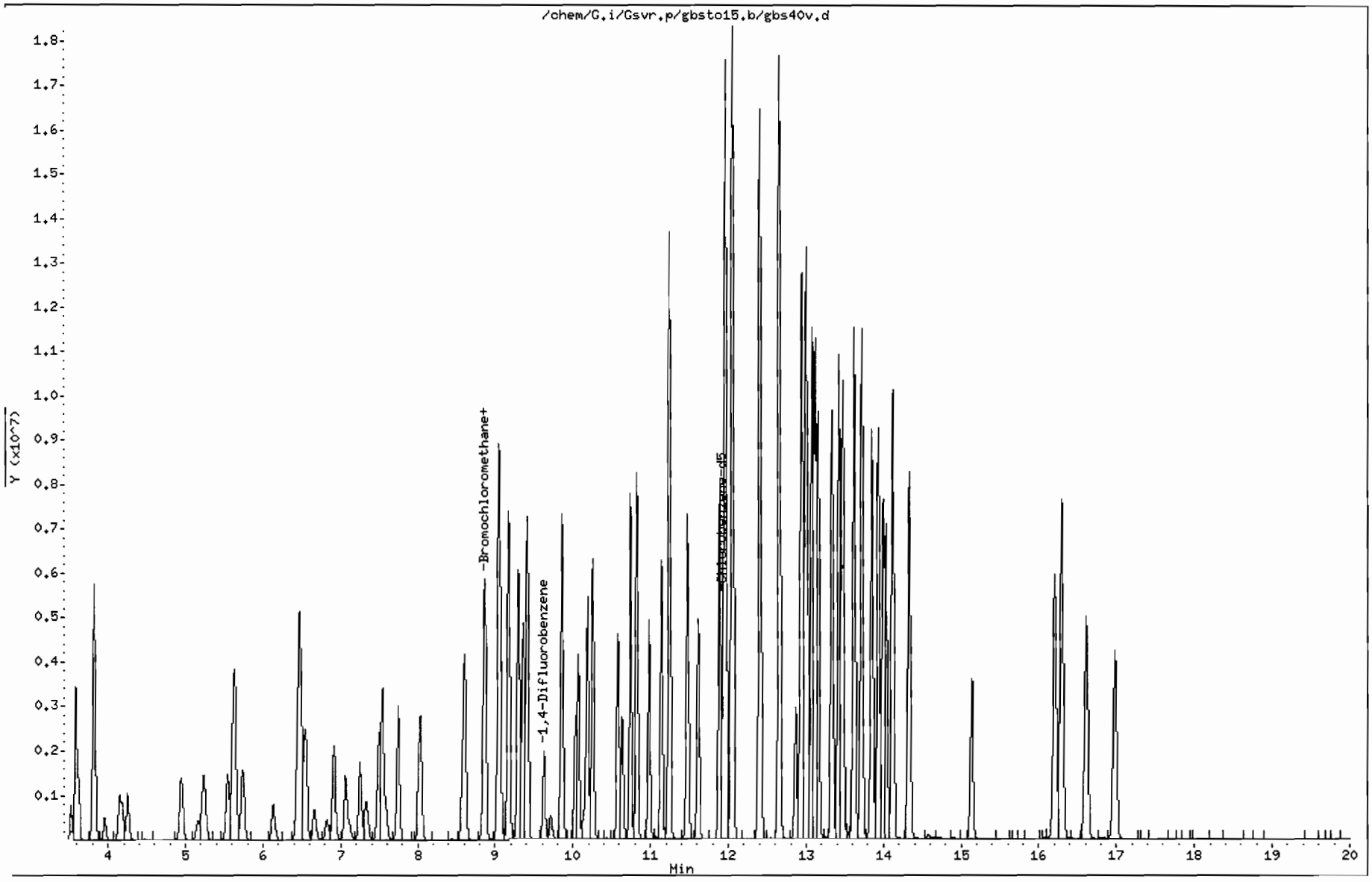
Purge Volume: 200.0

Column phase: RTX-624

Instrument: G.i

Operator: wrd

Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbsto15.b/gbs40v.d
Lab Smp Id: ASTD040 Client Smp ID: ASTD040
Inj Date : 11-DEC-2007 14:30
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : ASTD040;121107GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Meth Date : 12-Dec-2007 10:39 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 14:30 Cal File: gbs40v.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	3.583	3.583	(0.405)	4018883	40.0000	33
168 Freon 22	51	3.621	3.620	(0.409)	1601300	40.0000	35
2 1,2-Dichlorotetrafluoroethane	85	3.818	3.818	(0.432)	4321871	40.0000	34
3 Chloromethane	50	3.958	3.952	(0.447)	694945	40.0000	38
4 Vinyl Chloride	62	4.182	4.182	(0.473)	1119047	40.0000	39
5 1,3-Butadiene	54	4.252	4.246	(0.481)	703597	40.0000	41(A)
6 Bromomethane	94	4.953	4.947	(0.560)	1641231	40.0000	39
7 Chloroethane	64	5.156	5.150	(0.583)	659676	40.0000	42(A)
8 Bromoethene	106	5.541	5.546	(0.626)	1859036	40.0000	39
9 Trichlorofluoromethane	101	5.627	5.627	(0.636)	6522743	40.0000	36
10 Freon TF	101	6.472	6.466	(0.732)	3921827	40.0000	38
11 1,1-Dichloroethene	96	6.547	6.541	(0.740)	1707319	40.0000	40(A)
12 Acetone	43	6.659	6.664	(0.753)	1289369	40.0000	40(A)
13 Isopropyl Alcohol	45	6.820	6.820	(0.771)	953790	40.0000	37
14 Carbon Disulfide	76	6.916	6.910	(0.782)	4698889	40.0000	41(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	15 3-Chloropropene	41	7.066	7.060	(0.799)	1254098	40.0000	45 (A)
	16 Methylene Chloride	49	7.253	7.248	(0.820)	1181746	40.0000	40
	17 tert-Butyl Alcohol	59	7.333	7.322	(0.829)	1801850	40.0000	36
	18 Methyl tert-Butyl Ether	73	7.494	7.494	(0.847)	4119414	40.0000	42 (A)
	19 trans-1,2-Dichloroethene	61	7.542	7.536	(0.852)	2262000	40.0000	41 (A)
	20 n-Hexane	57	7.745	7.745	(0.875)	2026065	40.0000	43 (A)
	21 1,1-Dichloroethane	63	8.039	8.034	(0.909)	2810324	40.0000	40 (A)
M	22 1,2-Dichloroethene (total)	61				4250698	80.0000	82
	23 Methyl Ethyl Ketone	72	8.596	8.590	(0.972)	569931	40.0000	44 (A)
	24 cis-1,2-Dichloroethene	96	8.612	8.606	(0.973)	1988698	40.0000	41 (A)
	26 Tetrahydrofuran	42	8.863	8.863	(0.921)	807421	40.0000	44 (A)
*	25 Bromochloromethane	128	8.847	8.842	(1.000)	408319	10.0000	(Q)
	27 Chloroform	83	8.869	8.863	(1.002)	4490879	40.0000	38
	28 1,1,1-Trichloroethane	97	9.045	9.040	(0.939)	5653212	40.0000	38
	29 Cyclohexane	84	9.061	9.056	(0.941)	2601796	40.0000	43 (A)
	30 Carbon Tetrachloride	117	9.174	9.168	(0.953)	6125012	40.0000	37
	31 2,2,4-Trimethylpentane	57	9.297	9.291	(0.966)	7107294	40.0000	46 (A)
	32 Benzene	78	9.361	9.350	(0.972)	5659684	40.0000	44 (A)
	34 n-Heptane	43	9.414	9.409	(0.978)	2024751	40.0000	44 (A)
	33 1,2-Dichloroethane	62	9.404	9.398	(0.977)	2993427	40.0000	39
*	35 1,4-Difluorobenzene	114	9.628	9.623	(1.000)	2041329	10.0000	
	36 Trichloroethene	95	9.858	9.853	(1.024)	3028812	40.0000	41 (A)
	37 Methyl Methacrylate	69	10.029	10.019	(1.042)	1353093	40.0000	48 (A)
	38 1,2-Dichloropropane	63	10.067	10.067	(1.046)	1671082	40.0000	43 (A)
	39 1,4-Dioxane	88	10.142	10.131	(1.053)	603862	40.0000	39
	40 Bromodichloromethane	83	10.254	10.249	(1.065)	5289591	40.0000	41 (A)
	41 cis-1,3-Dichloropropene	75	10.580	10.575	(1.099)	3425760	40.0000	43 (A)
	42 Methyl Isobutyl Ketone	43	10.634	10.629	(1.104)	1862958	40.0000	43 (A)
	43 Toluene	92	10.827	10.821	(0.907)	4540735	40.0000	41 (A)
	44 trans-1,3-Dichloropropene	75	10.982	10.976	(1.141)	3776007	40.0000	42 (A)
	45 1,1,2-Trichloroethane	83	11.142	11.137	(0.934)	2028201	40.0000	40 (A)
	46 Tetrachloroethene	166	11.244	11.238	(0.942)	4163900	40.0000	41 (A)
	47 Methyl Butyl Ketone	43	11.244	11.238	(0.942)	1813306	40.0000	41 (A)
	48 Dibromochloromethane	129	11.474	11.468	(0.961)	5599857	40.0000	40
	49 1,2-Dibromoethane	107	11.613	11.608	(0.973)	4588139	40.0000	41 (A)
*	50 Chlorobenzene-d5	117	11.934	11.929	(1.000)	2026607	10.0000	
	51 Chlorobenzene	112	11.961	11.955	(1.002)	6726743	40.0000	40 (A)
	52 Ethylbenzene	91	11.966	11.961	(1.003)	10126292	40.0000	40
M	55 Xylene (total)	106				11008786	40.0000	130 (A)
	53 Xylene (m,p)	106	12.052	12.046	(1.010)	7480609	80.0000	81 (A)
	54 Xylene (o)	106	12.399	12.394	(1.039)	3528177	40.0000	40 (A)
	56 Styrene	104	12.410	12.405	(1.040)	5946339	40.0000	46 (A)
	57 Bromoform	173	12.651	12.645	(1.060)	5074538	40.0000	42 (A)
	58 1,1,2,2-Tetrachloroethane	83	12.929	12.924	(1.083)	4759260	40.0000	42 (A)
	59 4-Ethyltoluene	105	13.079	13.068	(1.096)	11954394	40.0000	45 (A)
	60 1,3,5-Trimethylbenzene	105	13.116	13.105	(1.099)	9418514	40.0000	45 (A)
	61 2-Chlorotoluene	91	13.159	13.148	(1.103)	9260934	40.0000	40

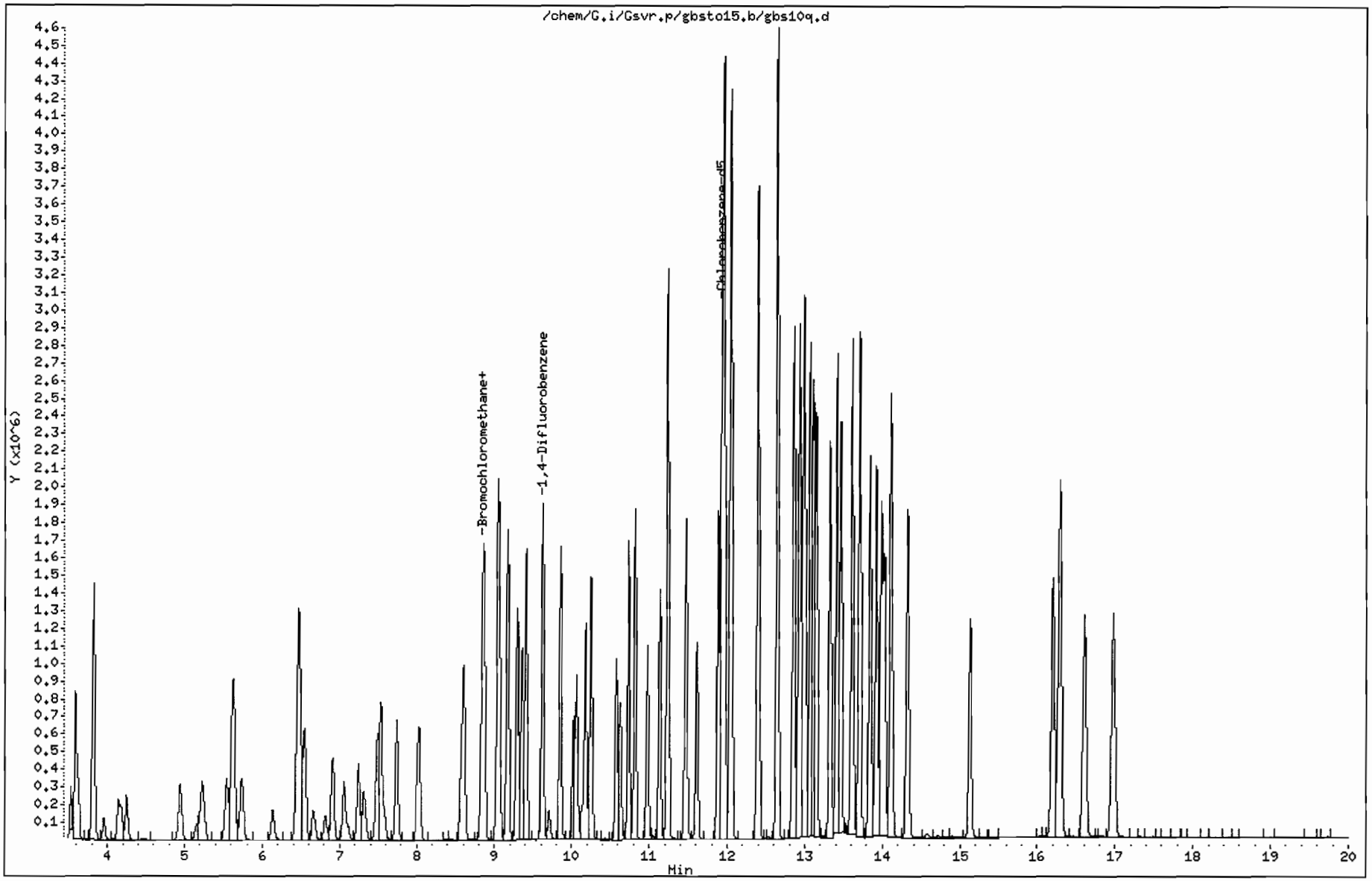
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
62 1,2,4-Trimethylbenzene	105	13.475	13.464	(1.129)	9104118	40.0000	45(A)
63 1,3-Dichlorobenzene	146	13.854	13.844	(1.161)	6029891	40.0000	40
64 1,4-Dichlorobenzene	146	13.935	13.924	(1.168)	6090014	40.0000	41(A)
65 1,2-Dichlorobenzene	146	14.331	14.325	(1.201)	5567406	40.0000	40(A)
66 1,2,4-Trichlorobenzene	180	16.203	16.203	(1.358)	3439100	40.0000	43(A)
67 Hexachlorobutadiene	225	16.294	16.294	(1.365)	2661608	40.0000	38
68 Naphthalene	128	16.615	16.610	(1.392)	8301596	40.0000	44(A)

QC Flag Legend

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

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbs10q.d
Date : 11-DEC-2007 16:21
Client ID: GA121107LCS
Sample Info: GA121107LCS/ICV
Purge Volume: 200.0
Column phase: RTX-624

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



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbsto15.b/gbs10q.d
Lab Smp Id: GA121107LCS Client Smp ID: GA121107LCS
Inj Date : 11-DEC-2007 16:21
Operator : wrd Inst ID: G.i
Smp Info : GA121107LCS/ICV
Misc Info : GA121107LCS;121107GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Meth Date : 12-Dec-2007 10:39 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 14:30 Cal File: gbs40v.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	3.583	3.583	(0.405)	976175	8.74354	8.7
168 Freon 22	51	3.620	3.620	(0.409)	398139	9.37164	9.4
2 1,2-Dichlorotetrafluoroethane	85	3.818	3.818	(0.432)	1071726	9.23464	9.2
3 Chloromethane	50	3.958	3.952	(0.448)	169047	9.89179	9.9
4 Vinyl Chloride	62	4.182	4.182	(0.473)	259375	9.71154	9.7
5 1,3-Butadiene	54	4.246	4.246	(0.480)	171877	10.8980	11
6 Bromomethane	94	4.942	4.947	(0.559)	370616	9.43686	9.4
7 Chloroethane	64	5.156	5.150	(0.583)	144654	10.0423	10
8 Bromoethene	106	5.541	5.546	(0.627)	431447	9.77005	9.8
9 Trichlorofluoromethane	101	5.627	5.627	(0.636)	1529005	9.08526	9.1
10 Freon TF	101	6.466	6.466	(0.731)	981937	10.4224	10
11 1,1-Dichloroethene	96	6.541	6.541	(0.740)	430733	10.9491	11
12 Acetone	43	6.659	6.664	(0.753)	333579	11.3025	11
13 Isopropyl Alcohol	45	6.814	6.820	(0.771)	274130	11.6129	12
14 Carbon Disulfide	76	6.916	6.910	(0.782)	1042975	9.90465	9.9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	15 3-Chloropropene	41	7.060	7.060	(0.799)	275741	10.6563	11
	16 Methylene Chloride	49	7.248	7.248	(0.820)	294513	10.7854	11
	17 tert-Butyl Alcohol	59	7.317	7.322	(0.828)	538614	11.6809	12
	18 Methyl tert-Butyl Ether	73	7.494	7.494	(0.848)	1017060	11.2812	11
	19 trans-1,2-Dichloroethene	61	7.536	7.536	(0.852)	510800	9.97207	10
	20 n-Hexane	57	7.745	7.745	(0.876)	456655	10.6253	11
	21 1,1-Dichloroethane	63	8.034	8.034	(0.909)	645251	9.98524	10
M	22 1,2-Dichloroethene (total)	61				969353	20.3322	20
	23 Methyl Ethyl Ketone	72	8.585	8.590	(0.971)	149124	12.3434	12
	24 cis-1,2-Dichloroethene	96	8.606	8.606	(0.973)	458553	10.3601	10
	26 Tetrahydrofuran	42	8.863	8.863	(0.921)	202655	11.4094	11
*	25 Bromochloromethane	128	8.842	8.842	(1.000)	376598	10.0000	
	27 Chloroform	83	8.863	8.863	(1.002)	1033123	9.47167	9.5
	28 1,1,1-Trichloroethane	97	9.040	9.040	(0.939)	1310616	9.17792	9.2
	29 Cyclohexane	84	9.056	9.056	(0.941)	582189	10.1063	10
	30 Carbon Tetrachloride	117	9.168	9.168	(0.953)	1422140	9.06054	9.1
	31 2,2,4-Trimethylpentane	57	9.296	9.291	(0.966)	1530444	10.3554	10
	32 Benzene	78	9.355	9.350	(0.972)	1233317	9.91104	9.9
	34 n-Heptane	43	9.409	9.409	(0.978)	450127	10.1089	10
	33 1,2-Dichloroethane	62	9.398	9.398	(0.977)	682921	9.22064	9.2
*	35 1,4-Difluorobenzene	114	9.623	9.623	(1.000)	1957605	10.0000	
	36 Trichloroethene	95	9.853	9.853	(1.024)	685937	9.59604	9.6
	37 Methyl Methacrylate	69	10.024	10.019	(1.042)	333782	12.3391	12
	38 1,2-Dichloropropane	63	10.062	10.067	(1.046)	367740	9.78177	9.8
	39 1,4-Dioxane	88	10.131	10.131	(1.053)	168999	11.3413	11
	40 Bromodichloromethane	83	10.254	10.249	(1.066)	1235042	9.87691	9.9
	41 cis-1,3-Dichloropropene	75	10.575	10.575	(1.099)	751104	9.82669	9.8
	42 Methyl Isobutyl Ketone	43	10.629	10.629	(1.105)	504648	12.0796	12
	43 Toluene	92	10.821	10.821	(0.907)	1002352	9.63000	9.6
	44 trans-1,3-Dichloropropene	75	10.976	10.976	(1.141)	835987	9.67956	9.7
	45 1,1,2-Trichloroethane	83	11.137	11.137	(0.934)	443073	9.34759	9.3
	46 Tetrachloroethene	166	11.238	11.238	(0.942)	898126	9.30434	9.3
	47 Methyl Butyl Ketone	43	11.238	11.238	(0.942)	487065	11.7484	12
	48 Dibromochloromethane	129	11.468	11.468	(0.961)	1338754	10.1433	10
	49 1,2-Dibromoethane	107	11.613	11.608	(0.974)	1013266	9.56968	9.6
*	50 Chlorobenzene-d5	117	11.929	11.929	(1.000)	1903569	10.0000	
	51 Chlorobenzene	112	11.955	11.955	(1.002)	1489797	9.44146	9.4
	52 Ethylbenzene	91	11.961	11.961	(1.003)	2276187	9.46529	9.5
M	55 Xylene (total)	106				2475129	29.9800	30
	53 Xylene (m,p)	106	12.046	12.046	(1.010)	1676791	19.3743	19
	54 Xylene (o)	106	12.394	12.394	(1.039)	798338	9.66986	9.7
	56 Styrene	104	12.405	12.405	(1.040)	1296194	10.6882	11
	57 Bromoform	173	12.645	12.645	(1.060)	1186189	10.3548	10
	58 1,1,2,2-Tetrachloroethane	83	12.924	12.924	(1.083)	1031247	9.75738	9.8
	59 4-Ethyltoluene	105	13.068	13.068	(1.096)	2936646	11.8028	12
	60 1,3,5-Trimethylbenzene	105	13.105	13.105	(1.099)	1976788	9.97016	10
	61 2-Chlorotoluene	91	13.148	13.148	(1.102)	2220356	10.2083	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
62 1,2,4-Trimethylbenzene	105	13.469	13.464	(1.129)	2036273	10.6896	11
63 1,3-Dichlorobenzene	146	13.844	13.844	(1.161)	1377408	9.66107	9.7
64 1,4-Dichlorobenzene	146	13.924	13.924	(1.167)	1359403	9.76353	9.8
65 1,2-Dichlorobenzene	146	14.325	14.325	(1.201)	1235028	9.55574	9.6
66 1,2,4-Trichlorobenzene	180	16.203	16.203	(1.358)	839151	11.1332	11
67 Hexachlorobutadiene	225	16.294	16.294	(1.366)	687317	10.4227	10
68 Naphthalene	128	16.610	16.610	(1.392)	2068498	11.7986	12

TestAmerica Burlington

RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: GA121107LCS
Level: LOW
Data Type: MS DATA
SpikeList File: all.spk
Sublist File: all.sub
Method File: /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Misc Info: GA121107LCS;121107GA;1;200

Client SDG: gbsto15
Fraction: VOA
Client Smp ID: GA121107LCS
Operator: wrd
SampleType: LCS
Quant Type: ISTD

	SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	1	Dichlorodifluorome	10	8.7	87.44	70-130
	168	Freon 22	10	9.4	93.72	70-130
	2	1,2-Dichlorotetraf	10	9.2	92.35	70-130
	3	Chloromethane	10	9.9	98.92	70-130
	4	Vinyl Chloride	10	9.7	97.12	70-130
	5	1,3-Butadiene	10	11	108.98	70-130
	6	Bromomethane	10	9.4	94.37	70-130
	7	Chloroethane	10	10	100.42	70-130
	8	Bromoethene	10	9.8	97.70	70-130
	9	Trichlorofluoromet	10	9.1	90.85	70-130
	10	Freon TF	10	10	104.22	70-130
	11	1,1-Dichloroethene	10	11	109.49	70-130
	12	Acetone	10	11	113.02	70-130
	14	Carbon Disulfide	10	9.9	99.05	70-130
	13	Isopropyl Alcohol	10	12	116.13	70-130
	15	3-Chloropropene	10	11	106.56	70-130
	16	Methylene Chloride	10	11	107.85	70-130
	17	tert-Butyl Alcohol	10	12	116.81	70-130
	18	Methyl tert-Butyl	10	11	112.81	70-130
	19	trans-1,2-Dichloro	10	10	99.72	70-130
	20	n-Hexane	10	11	106.25	70-130
	21	1,1-Dichloroethane	10	10	99.85	70-130
M	22	1,2-Dichloroethene	20	20	100.00	70-130
	23	Methyl Ethyl Keton	10	12	123.43	70-130
	24	cis-1,2-Dichloroet	10	10	103.60	70-130
	26	Tetrahydrofuran	10	11	114.09	70-130
	27	Chloroform	10	9.5	94.72	70-130
	28	1,1,1-Trichloroeth	10	9.2	91.78	70-130
	29	Cyclohexane	10	10	101.06	70-130
	30	Carbon Tetrachlori	10	9.1	90.61	70-130
	31	2,2,4-Trimethylpen	10	10	103.55	70-130
	32	Benzene	10	9.9	99.11	70-130
	33	1,2-Dichloroethane	10	9.2	92.21	70-130

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
34	n-Heptane	10	10	101.09	70-130
36	Trichloroethene	10	9.6	95.96	70-130
37	Methyl Methacrylat	10	12	123.39	70-130
38	1,2-Dichloropropan	10	9.8	97.82	70-130
39	1,4-Dioxane	10	11	113.41	70-130
40	Bromodichlorometha	10	9.9	98.77	70-130
41	cis-1,3-Dichloropr	10	9.8	98.27	70-130
42	Methyl Isobutyl Ke	10	12	120.80	70-130
43	Toluene	10	9.6	96.30	70-130
44	trans-1,3-Dichloro	10	9.7	96.80	70-130
45	1,1,2-Trichloroeth	10	9.3	93.48	70-130
46	Tetrachloroethene	10	9.3	93.04	70-130
47	Methyl Butyl Keton	10	12	117.48	70-130
48	Dibromochlorometha	10	10	101.43	70-130
49	1,2-Dibromoethane	10	9.6	95.70	70-130
51	Chlorobenzene	10	9.4	94.41	70-130
52	Ethylbenzene	10	9.5	94.65	70-130
53	Xylene (m,p)	20	19	96.87	70-130
54	Xylene (o)	10	9.7	96.70	70-130
M 55	Xylene (total)	30	30	99.93	70-130
56	Styrene	10	11	106.88	70-130
57	Bromoform	10	10	103.55	70-130
58	1,1,2,2-Tetrachlor	10	9.8	97.57	70-130
59	4-Ethyltoluene	10	12	118.03	70-130
60	1,3,5-Trimethylben	10	10	99.70	70-130
61	2-Chlorotoluene	10	10	102.08	70-130
62	1,2,4-Trimethylben	10	11	106.90	70-130
63	1,3-Dichlorobenzen	10	9.7	96.61	70-130
64	1,4-Dichlorobenzen	10	9.8	97.64	70-130
65	1,2-Dichlorobenzen	10	9.6	95.56	70-130
66	1,2,4-Trichloroben	10	11	111.33	70-130
67	Hexachlorobutadien	10	10	104.23	70-130
68	Naphthalene	10	12	117.99	70-130

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 11-DEC-2007 09:30
End Cal Date : 11-DEC-2007 14:30
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Cal Date : 12-Dec-2007 10:39 sv
Curve Type : Average

Calibration File Names:
Level 1: /chem/G.i/Gsvr.p/gbsto15.b/gbs002v.d
Level 2: /chem/G.i/Gsvr.p/gbsto15.b/gbs005v.d
Level 4: /chem/G.i/Gsvr.p/gbsto15.b/gbs05v.d
Level 5: /chem/G.i/Gsvr.p/gbsto15.b/gbs10v.d
Level 6: /chem/G.i/Gsvr.p/gbsto15.b/gbs15v.d
Level 7: /chem/G.i/Gsvr.p/gbsto15.b/gbs20v.d
Level 8: /chem/G.i/Gsvr.p/gbsto15.b/gbs40v.d

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							
1 Dichlorodifluoromethane	+++++	3.47191	3.17208	3.05977	+++++	2.65848		
	2.46063						2.96457	13.673
168 Freon 22	+++++	1.32826	1.17581	1.12772	+++++	1.02821		
	0.98042						1.12808	12.067
2 1,2-Dichlorotetrafluoroethane	3.55843	3.46536	3.07086	2.99666	+++++	2.75256		
	2.64614						3.08167	11.966
3 Chloromethane	+++++	0.52704	0.43497	0.44720	+++++	0.43424		
	0.42549						0.45379	9.184
4 Vinyl Chloride	0.80692	0.73843	0.66141	0.67821	+++++	0.68501		
	0.68515						0.70919	7.674
5 1,3-Butadiene	+++++	0.40155	0.40173	0.42506	+++++	0.43480		
	0.43079						0.41879	3.828

TestAmerica Burlington

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Integrator : HP RTE
Method file : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Cal Date : 12-Dec-2007 10:39 sv
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	1.27347	1.05321	0.93596	1.01435	+++++	0.97520		
	1.00487						1.04284	11.471
7 Chloroethane	+++++	0.38412	0.34946	0.38087	+++++	0.39410		
	0.40390						0.38249	5.373
8 Bromoethene	1.37950	1.16891	1.07405	1.14234	+++++	1.13263		
	1.13823						1.17261	9.043
9 Trichlorofluoromethane	5.10868	4.76827	4.41308	4.44117	+++++	4.08811		
	3.99366						4.46883	9.354
10 Freon TF	2.81185	2.52913	2.37729	2.48477	+++++	2.40602		
	2.40120						2.50171	6.494
11 1,1-Dichloroethene	1.13720	1.06963	0.95112	1.02941	+++++	1.03491		
	1.04533						1.04460	5.786
12 Acetone	+++++	+++++	0.76873	0.80669	0.79877	0.75484		
	0.78944						0.78369	2.741
13 Isopropyl Alcohol	+++++	+++++	0.61373	0.64632	0.67502	0.61501		
	0.58397						0.62681	5.555
14 Carbon Disulfide	+++++	2.87993	2.59169	2.76081	+++++	2.87123		
	2.87697						2.79613	4.461

TestAmerica Burlington

INITIAL CALIBRATION DATA

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Quant Method : ISTD
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Integrator : HP RTE
Method file : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Cal Date : 12-Dec-2007 10:39 sv
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	+++++	0.63517	0.63657	0.65504	+++++	0.74084	0.76784	0.68709	9.114
16 Methylene Chloride	+++++	0.79749	0.66656	0.70483	+++++	0.73299	0.72354	0.72509	6.594
17 tert-Butyl Alcohol	+++++	+++++	1.21251	1.26510	1.29642	1.24475	1.10321	1.22440	6.069
18 Methyl tert-Butyl Ether	+++++	2.42762	2.23478	2.39557	+++++	2.38955	2.52218	2.39394	4.328
19 trans-1,2-Dichloroethene	1.44373	1.36556	1.26696	1.33762	+++++	1.36211	1.38495	1.36015	4.265
20 n-Hexane	+++++	1.10748	1.01920	1.13720	+++++	1.20171	1.24049	1.14121	7.532
21 1,1-Dichloroethane	1.80881	1.77238	1.59762	1.69098	+++++	1.70495	1.72067	1.71590	4.249
M 22 1,2-Dichloroethene (total)	1.33974	1.27436	1.17459	1.24486	+++++	1.27152	1.30128	1.26772	4.402
23 Methyl Ethyl Ketone	+++++	0.29194	0.30550	0.32122	+++++	0.33638	0.34895	0.32080	7.146

TestAmerica Burlington

INITIAL CALIBRATION DATA

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Target Version : 3.50
Integrator : HP RTE
Method file : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Cal Date : 12-Dec-2007 10:39 sv
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	1.23574	1.18316	1.08222	1.15210	+++++	1.18094		
	1.21761						1.17530	4.620
26 Tetrahydrofuran	+++++	+++++	0.08065	0.08959	0.09202	0.09252		
	0.09888						0.09073	7.273
27 Chloroform	3.13969	3.07212	2.78966	2.85973	+++++	2.76714		
	2.74961						2.89632	5.799
28 1,1,1-Trichloroethane	0.78391	0.76545	0.71468	0.72789	+++++	0.69252		
	0.69234						0.72947	5.210
29 Cyclohexane	0.30310	0.28715	0.26594	0.28913	+++++	0.30166		
	0.31864						0.29427	6.090
30 Carbon Tetrachloride	0.85892	0.84200	0.79959	0.80679	+++++	0.75335		
	0.75013						0.80180	5.557
31 2,2,4-Trimethylpentane	0.77100	0.68280	0.66787	0.73908	+++++	0.79861		
	0.87042						0.75497	10.007
32 Benzene	0.69656	0.61532	0.56260	0.60419	+++++	0.64220		
	0.69314						0.63567	8.264
34 n-Heptane	0.24366	0.21239	0.20255	0.22209	+++++	0.23610		
	0.24797						0.22746	7.947

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 11-DEC-2007 09:30
End Cal Date : 11-DEC-2007 14:30
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Cal Date : 12-Dec-2007 10:39 sv
Curve Type : Average

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
33 1,2-Dichloroethane	0.39439	0.39594	0.36904	0.37942	+++++	0.36466		
	0.36660						0.37834	3.701
36 Trichloroethene	0.38452	0.36785	0.34735	0.35889	+++++	0.36133		
	0.37094						0.36515	3.435
37 Methyl Methacrylate	+++++	0.10494	0.12754	0.13997	+++++	0.15276		
	0.16571						0.13818	16.943
38 1,2-Dichloropropane	0.20615	0.18873	0.17163	0.18749	+++++	0.19359		
	0.20466						0.19204	6.623
39 1,4-Dioxane	+++++	+++++	0.07246	0.07905	0.08152	0.07362		
	0.07395						0.07612	5.178
40 Bromodichloromethane	0.64602	0.61385	0.63177	0.65708	+++++	0.63601		
	0.64781						0.63876	2.371
41 cis-1,3-Dichloropropene	0.38277	0.38136	0.36773	0.39317	+++++	0.39814		
	0.41955						0.39045	4.540
42 Methyl Isobutyl Ketone	+++++	0.18664	0.20452	0.21491	+++++	0.23281		
	0.22816						0.21341	8.740
43 Toluene	0.59978	0.53085	0.49918	0.53192	+++++	0.55890		
	0.56014						0.54680	6.269

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 11-DEC-2007 09:30
End Cal Date : 11-DEC-2007 14:30
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Cal Date : 12-Dec-2007 10:39 sv
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
44 trans-1,3-Dichloropropene	0.45346	0.42288	0.43446	0.44118	+++++	0.43267	0.46244	0.44118	3.293
45 1,1,2-Trichloroethane	0.27381	0.24593	0.22686	0.24443	+++++	0.25280	0.25020	0.24900	6.095
46 Tetrachloroethene	0.53325	0.49520	0.46316	0.50476	+++++	0.53251	0.51365	0.50709	5.180
47 Methyl Butyl Ketone	+++++	0.17355	0.20209	0.23148	+++++	0.25814	0.22369	0.21779	14.616
48 Dibromochloromethane	0.65444	0.64774	0.69381	0.73606	+++++	0.73726	0.69079	0.69335	5.531
49 1,2-Dibromoethane	0.55537	0.54326	0.52393	0.56482	+++++	0.58403	0.56599	0.55623	3.732
51 Chlorobenzene	0.90840	0.81385	0.76630	0.81609	+++++	0.83916	0.82980	0.82893	5.590
52 Ethylbenzene	1.45591	1.33431	1.12871	1.20743	+++++	1.20425	1.24917	1.26330	9.168
M 55 Xylene (total)	0.46794	0.45623	0.39004	0.42917	+++++	0.42365	0.43523	0.43371	6.281

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 11-DEC-2007 09:30
End Cal Date : 11-DEC-2007 14:30
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Cal Date : 12-Dec-2007 10:39 sv
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
53 Xylene (m,p)	0.50197	0.45966	0.40965	0.44603	+++++	0.44923	0.46140	0.45466	6.554
54 Xylene (o)	0.46794	0.45623	0.39004	0.42917	+++++	0.42365	0.43523	0.43371	6.281
56 Styrene	0.56293	0.53035	0.60536	0.68960	+++++	0.70074	0.73353	0.63708	12.946
57 Bromoform	0.53871	0.55848	0.61228	0.64082	+++++	0.63447	0.62599	0.60179	7.106
58 1,1,2,2-Tetrachloroethane	0.60773	0.52490	0.48375	0.56011	+++++	0.56770	0.58710	0.55521	8.047
59 4-Ethyltoluene	1.23664	1.13440	1.17583	1.35808	+++++	1.46276	1.47468	1.30706	11.189
60 1,3,5-Trimethylbenzene	0.95031	0.88232	1.04023	1.15589	+++++	1.05883	1.16186	1.04157	10.650
61 2-Chlorotoluene	1.18917	1.13382	1.10234	1.14816	+++++	1.13977	1.14242	1.14261	2.446
62 1,2,4-Trimethylbenzene	0.92473	0.79765	0.98171	1.09005	+++++	1.08702	1.12307	1.00071	12.463

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 11-DEC-2007 09:30
End Cal Date : 11-DEC-2007 14:30
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Cal Date : 12-Dec-2007 10:39 sv
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	0.83082	0.74319	0.68382	0.75699	+++++	0.73520		
	0.74384						0.74898	6.336
64 1,4-Dichlorobenzene	0.78783	0.70266	0.67386	0.74532	+++++	0.72765		
	0.75126						0.73143	5.442
65 1,2-Dichlorobenzene	0.70608	0.67109	0.63112	0.70391	+++++	0.67477		
	0.68679						0.67896	4.054
66 1,2,4-Trichlorobenzene	+++++	0.32099	0.41790	0.40951	+++++	0.40716		
	0.42424						0.39596	10.723
67 Hexachlorobutadiene	0.38405	0.30481	0.37610	0.34827	+++++	0.33698		
	0.32833						0.34643	8.610
68 Naphthalene	+++++	0.68607	1.01180	0.99140	+++++	0.89159		
	1.02408						0.92099	15.344

TestAmerica Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 11-DEC-2007 09:30
End Cal Date : 11-DEC-2007 14:30
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/G.i/Gsvr.p/gbsto15.b/rto15.m
Cal Date : 12-Dec-2007 10:39 sv
Curve Type : Average

```
|Average %RSD Results.                                |
|=====================================================|
|Calculated Average %RSD =     7.25166                |
|Maximun Average %RSD    =  0.000e+00                 |
|* Failed Average %RSD Test.                          |
|_____________________________________________________|
```

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

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.: 123559

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:

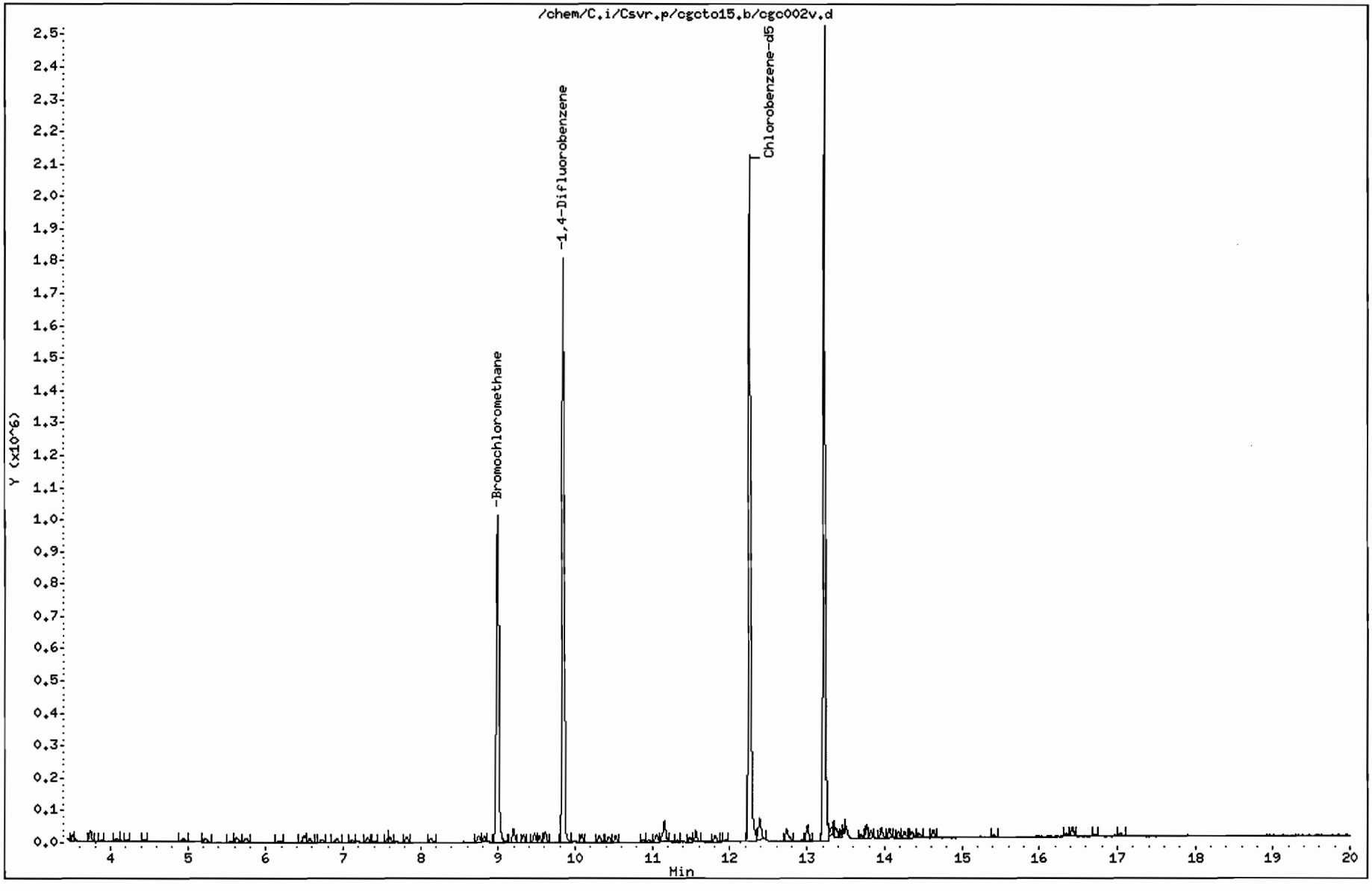
Purge Volume: 200.0

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)	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

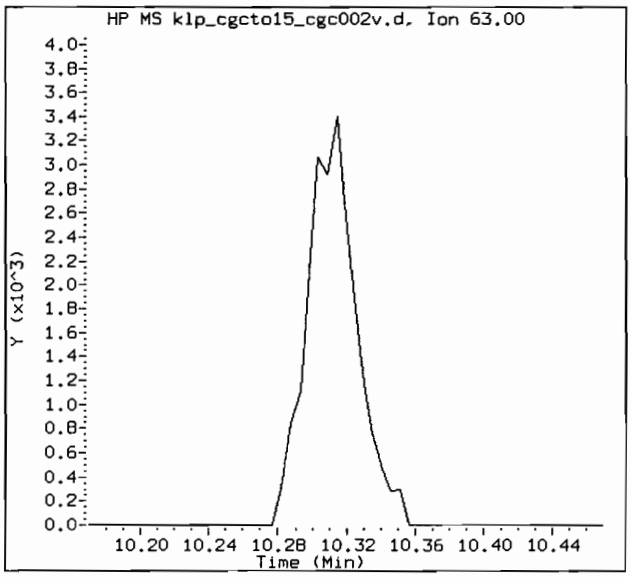
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

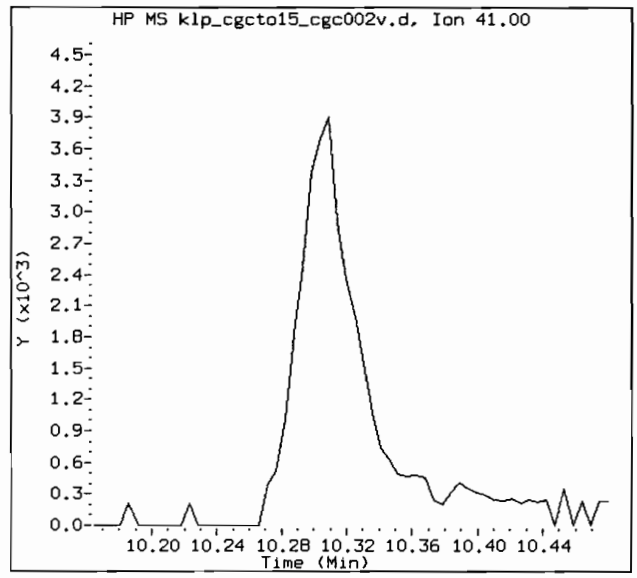
MANUAL INTEGRATION REPORT

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:

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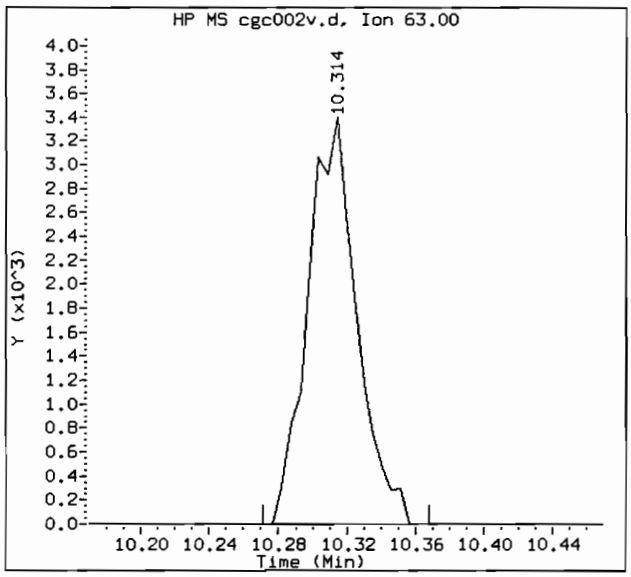
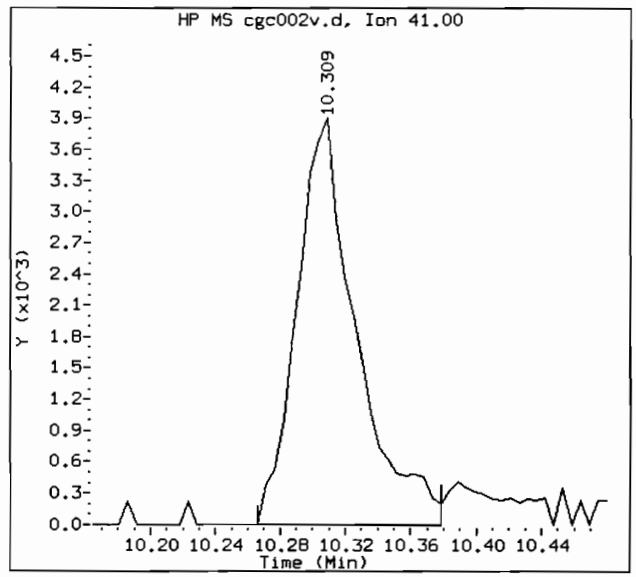
Area = 1810





Final Integrations:

Area = 6790

Area = 9868

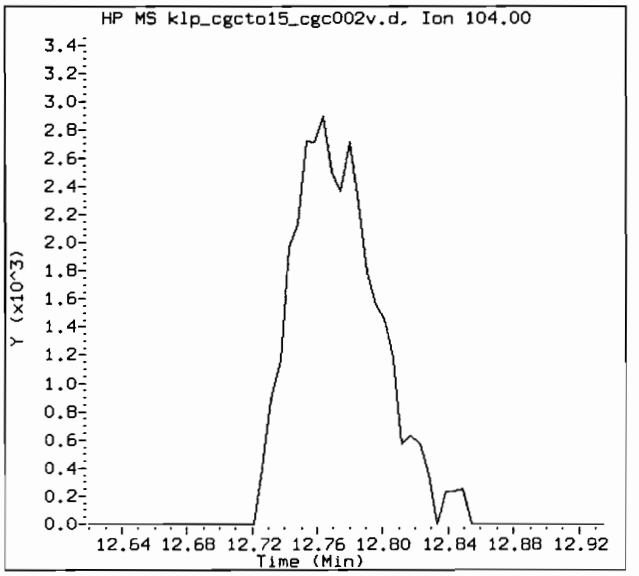
Manual Integration Reason: MI2 - Peak missed

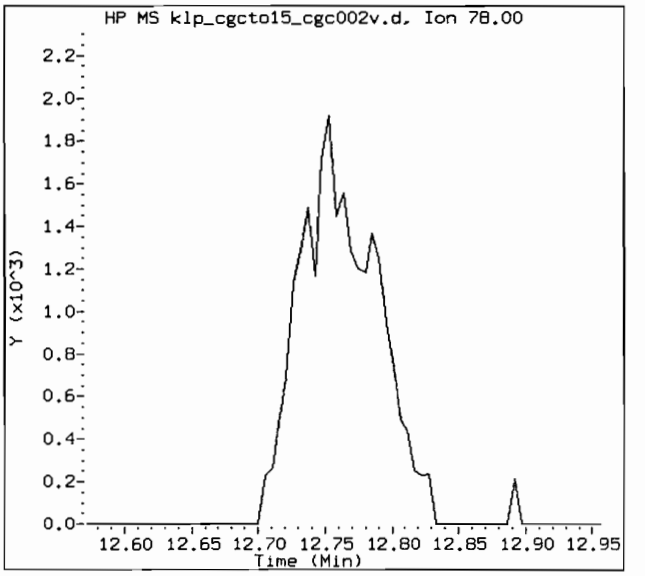
MANUAL INTEGRATION REPORT

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

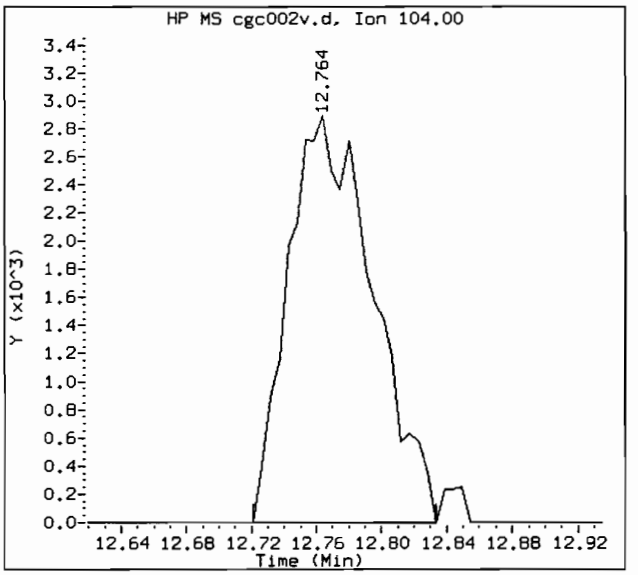


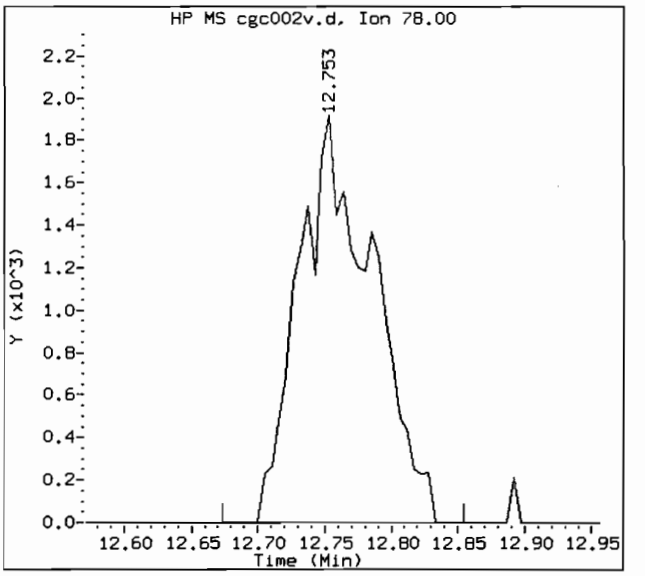


Original Integrations:

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:

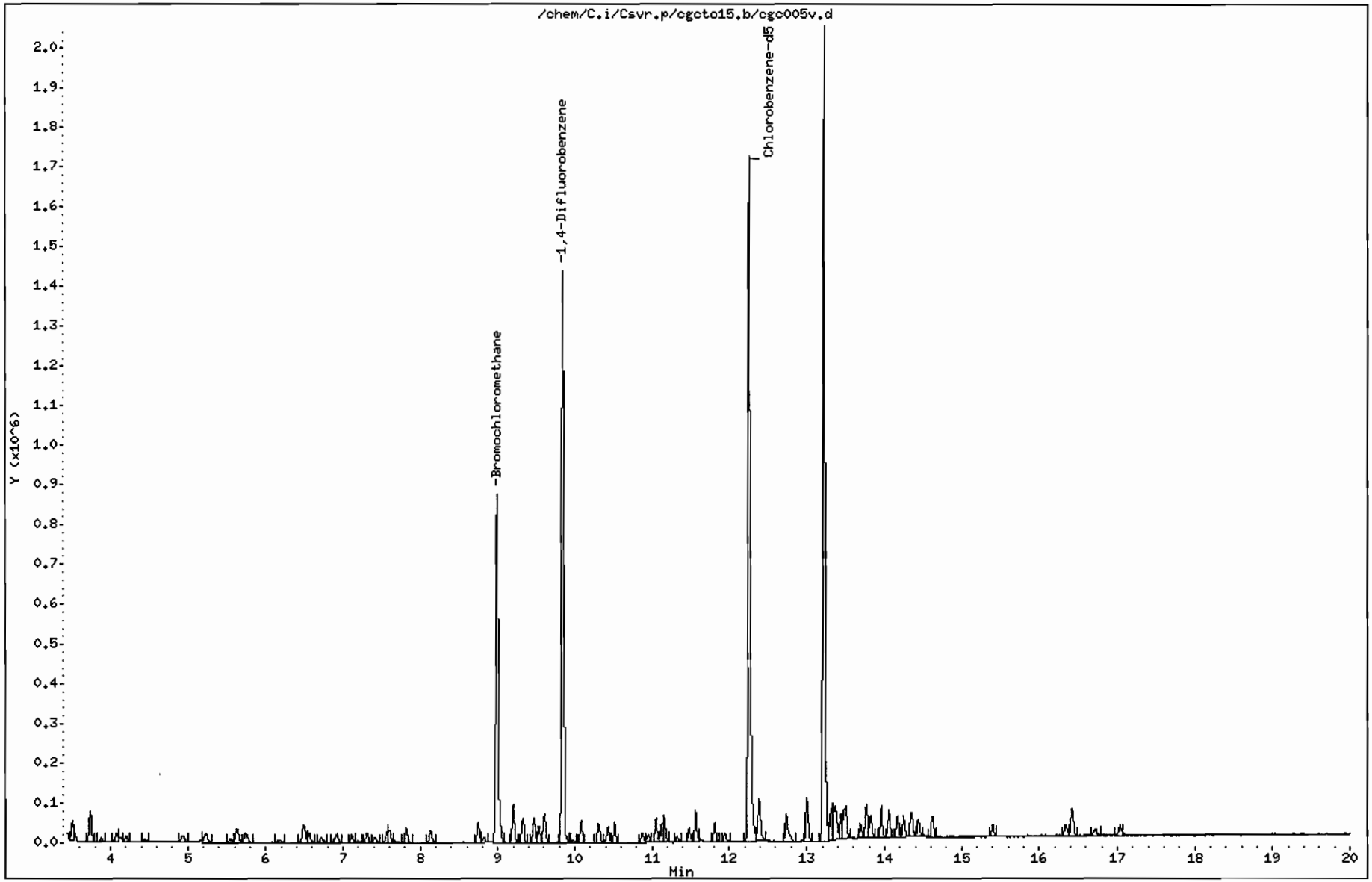
Purge Volume: 200.0

Column phase: RTX-624

Instrument: C.i

Operator: pad

Column diameter: 0.32



TestAmerica Burlington

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

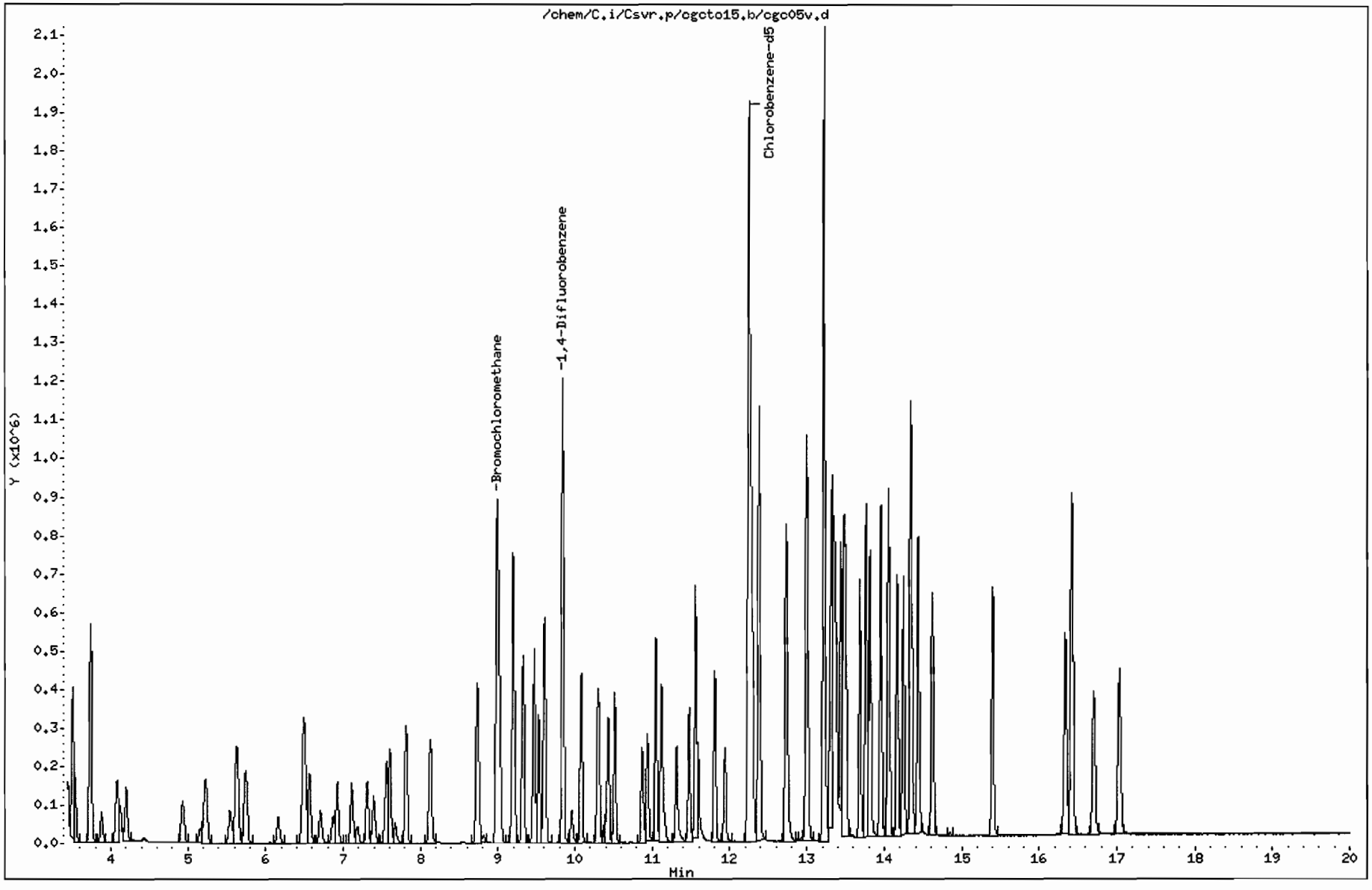
QC Flag Legend

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



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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:

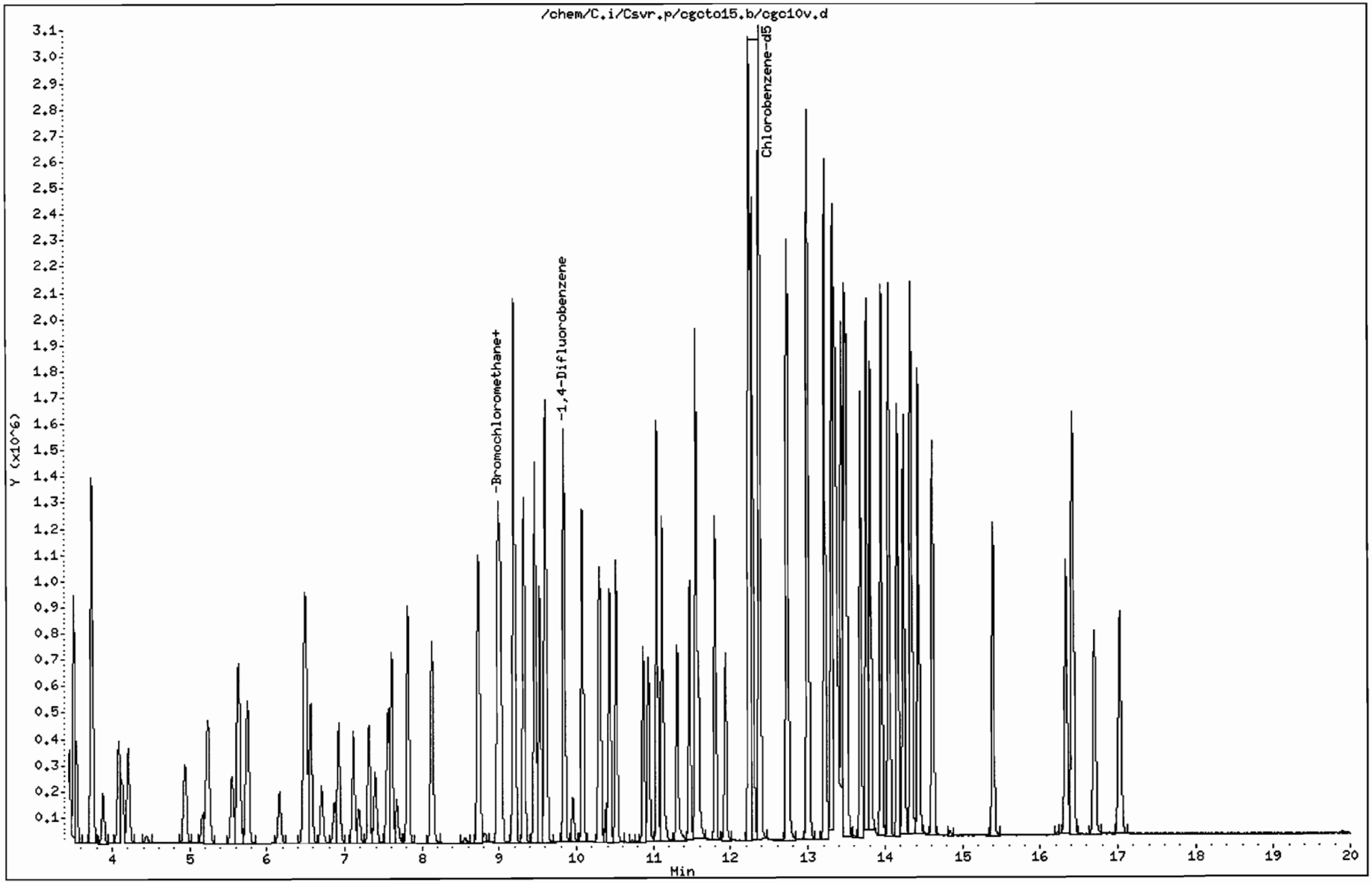
Purge Volume: 200.0

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)	AMOUNTS 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

Date : 26-DEC-2007 18:21

Client ID: ASTD15

Sample Info:

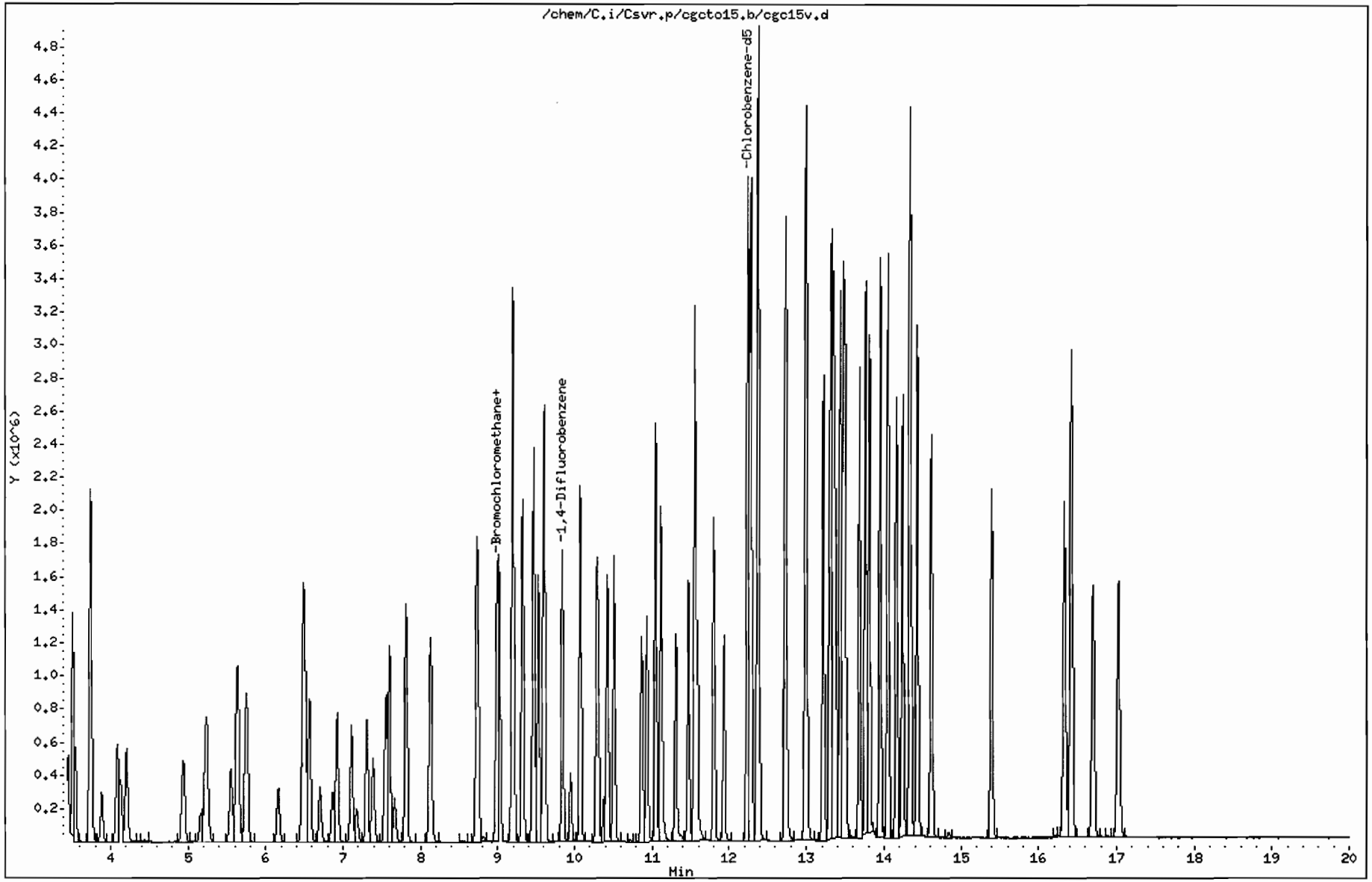
Purge Volume: 200.0

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/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:

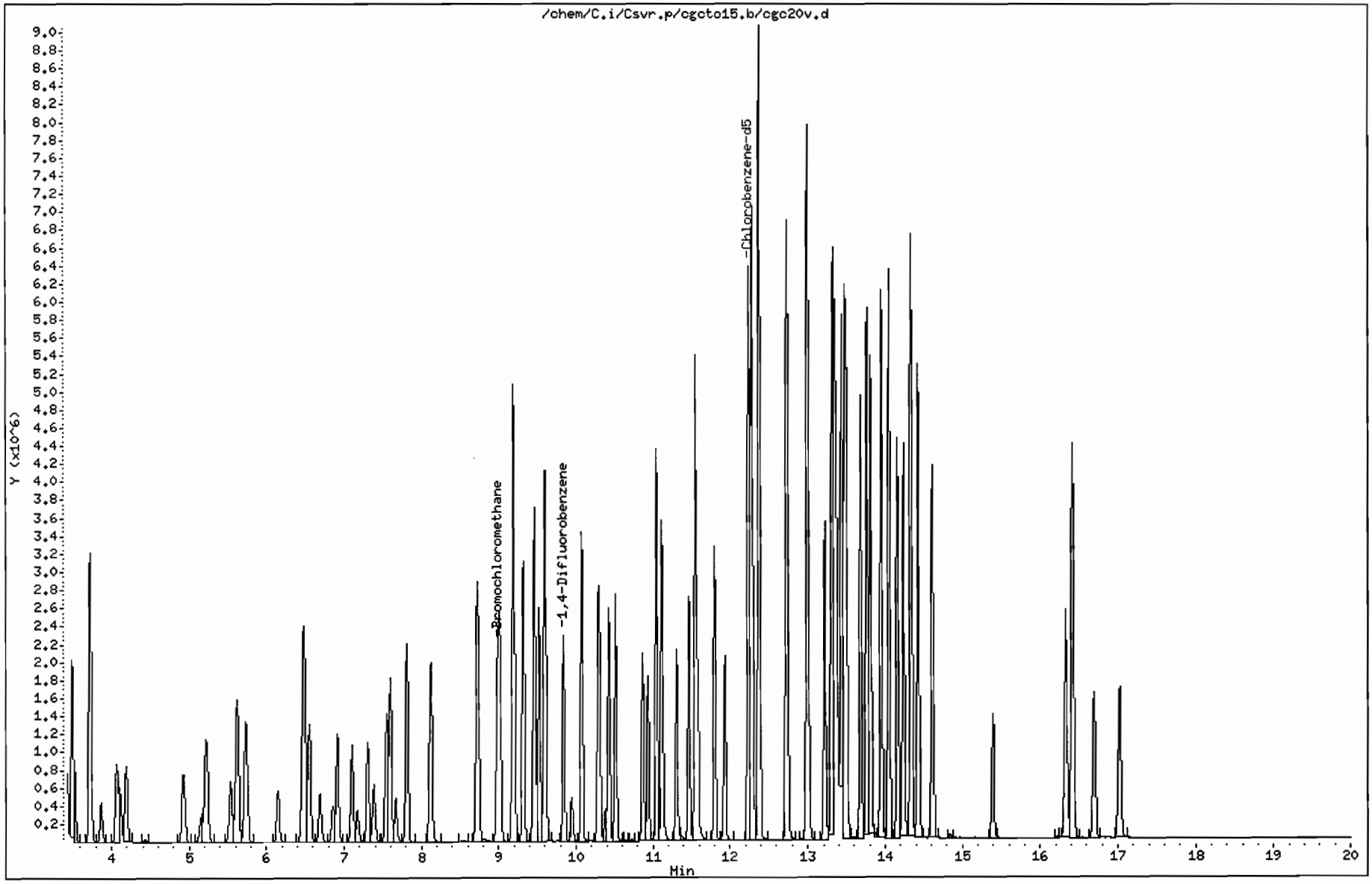
Purge Volume: 200.0

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:

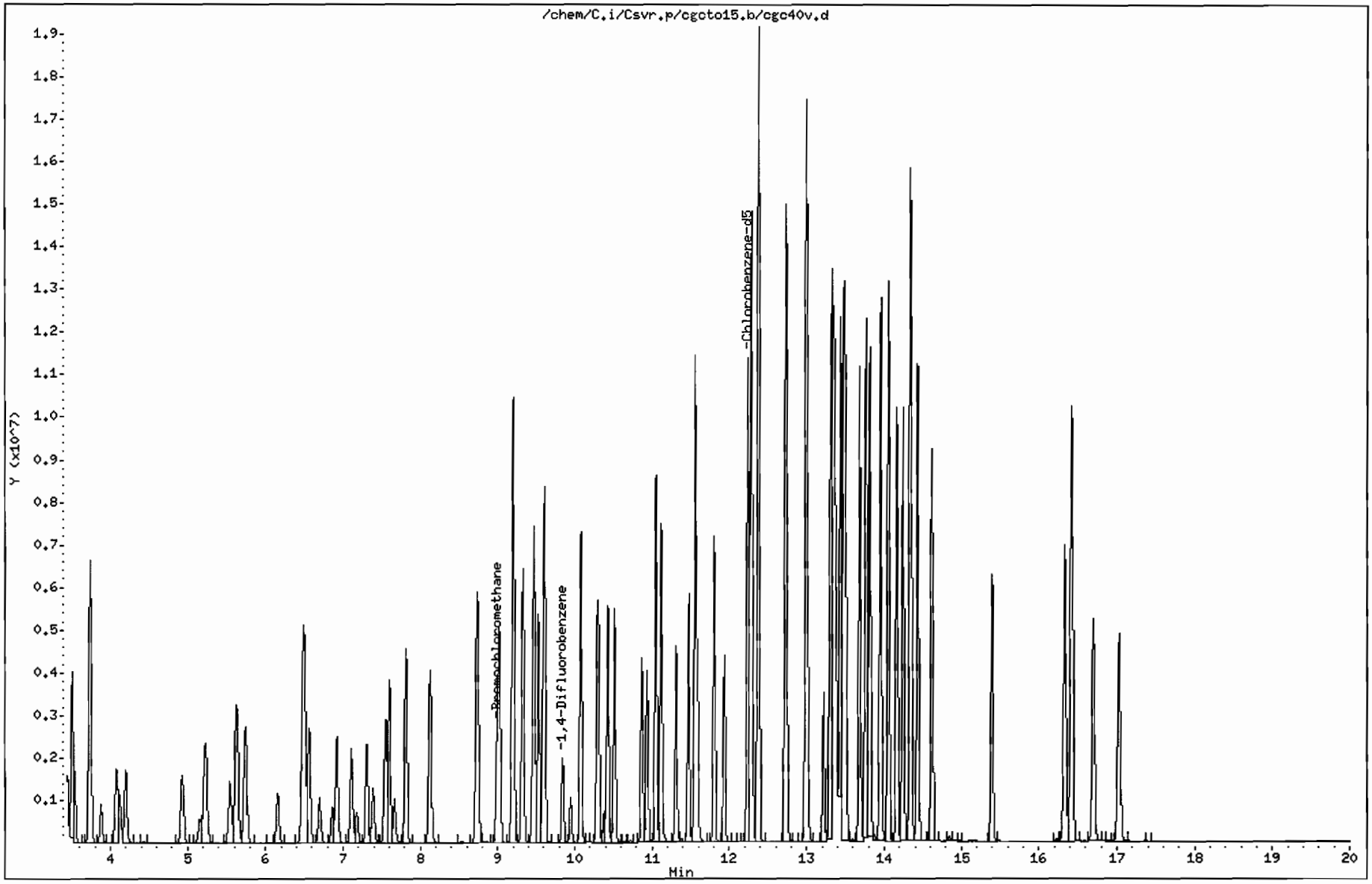
Purge Volume: 200.0

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:

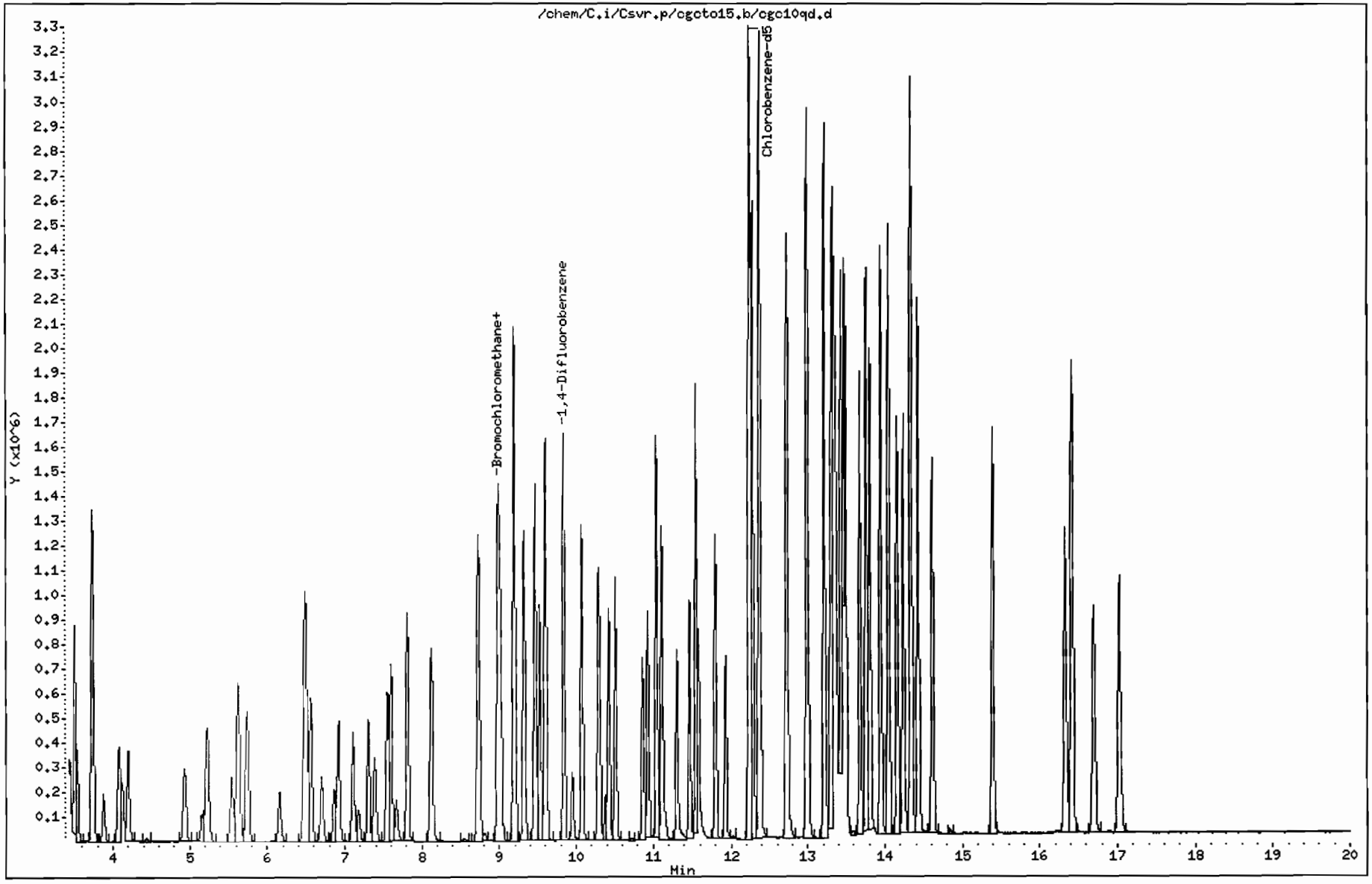
Purge Volume: 200.0

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	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							
1 Dichlorodifluoromethane	+++++	4.43706	3.59496	3.05869	+++++	2.45608		
	2.28816						3.16699	27.733
168 Freon 22	+++++	2.21081	1.70782	1.46491	+++++	1.17574		
	1.09265						1.53039	29.515
2 1,2-Dichlorotetrafluoroethane	4.10506	4.36900	3.45957	3.10324	+++++	2.66057		
	2.51652						3.36899	22.407
3 Chloromethane	+++++	1.17620	0.93801	0.82847	+++++	0.71694		
	0.66725						0.86537	23.437
4 Vinyl Chloride	1.18583	1.35173	1.13839	1.04733	+++++	0.92186		
	0.86719						1.08539	16.462
5 1,3-Butadiene	+++++	0.84251	0.80231	0.75731	+++++	0.66771		
	0.62575						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	RRF	% RSD
	40.000 Level 8							
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
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							
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.: 123559

Instrument ID: C Calibration Date: 01/03/08 Time: 1108

Lab File ID: CGC10EV2 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	0.831	0.01	3.9	30.0	
Vinyl Chloride	1.085	1.053	0.01	2.9	30.0	
Bromomethane	1.017	0.974	0.01	4.2	30.0	
Chloroethane	0.472	0.450	0.01	4.7	30.0	
1,1-Dichloroethene	0.848	0.833	0.01	1.8	30.0	
Acetone	1.108	1.366	0.01	23.3	30.0	
Carbon Disulfide	2.611	2.605	0.01	0.2	30.0	
Methylene Chloride	1.070	1.053	0.01	1.6	30.0	
trans-1,2-Dichloroethene	1.528	1.582	0.01	3.5	30.0	
1,1-Dichloroethane	1.870	1.814	0.1	3.0	30.0	
Methyl Ethyl Ketone	0.359	0.414	0.01	15.3	30.0	
cis-1,2-Dichloroethene	1.014	0.994	0.01	2.0	30.0	
Chloroform	2.321	2.261	0.01	2.6	30.0	
1,1,1-Trichloroethane	0.643	0.692	0.01	7.6	30.0	
Carbon Tetrachloride	0.695	0.786	0.01	13.1	30.0	
Benzene	0.680	0.649	0.01	4.6	30.0	
1,2-Dichloroethane	0.367	0.389	0.01	6.0	30.0	
Trichloroethene	0.329	0.336	0.01	2.1	30.0	
1,2-Dichloropropane	0.225	0.234	0.01	4.0	30.0	
Bromodichloromethane	0.571	0.605	0.01	6.0	30.0	
cis-1,3-Dichloropropene	0.350	0.408	0.01	16.6	30.0	
Methyl Isobutyl Ketone	0.368	0.503	0.01	36.7	30.0	<-
Toluene	0.426	0.434	0.01	1.9	30.0	
trans-1,3-Dichloropropene	0.350	0.442	0.01	26.3	30.0	
1,1,2-Trichloroethane	0.208	0.217	0.01	4.3	30.0	
Tetrachloroethene	0.467	0.460	0.01	1.5	30.0	
Methyl Butyl Ketone	0.334	0.440	0.01	31.7	30.0	<-
Dibromochloromethane	0.536	0.561	0.01	4.7	30.0	
Chlorobenzene	0.647	0.660	0.3	2.0	30.0	
Ethylbenzene	0.968	1.050	0.01	8.5	30.0	
Xylene (m,p)	0.410	0.408	0.01	0.5	30.0	
Xylene (o)	0.406	0.393	0.01	3.2	30.0	
Styrene	0.527	0.602	0.01	14.2	30.0	
Bromoform	0.517	0.578	0.01	11.8	30.0	
1,1,2,2-Tetrachloroethane	0.534	0.566	0.01	6.0	30.0	

FORM VII VOA

Data File: /chem/C.i/Csvr.p/cgceto15.b/cgc10ev2.d

Date : 03-JAN-2008 11:08

Client ID: astd10

Sample Info:

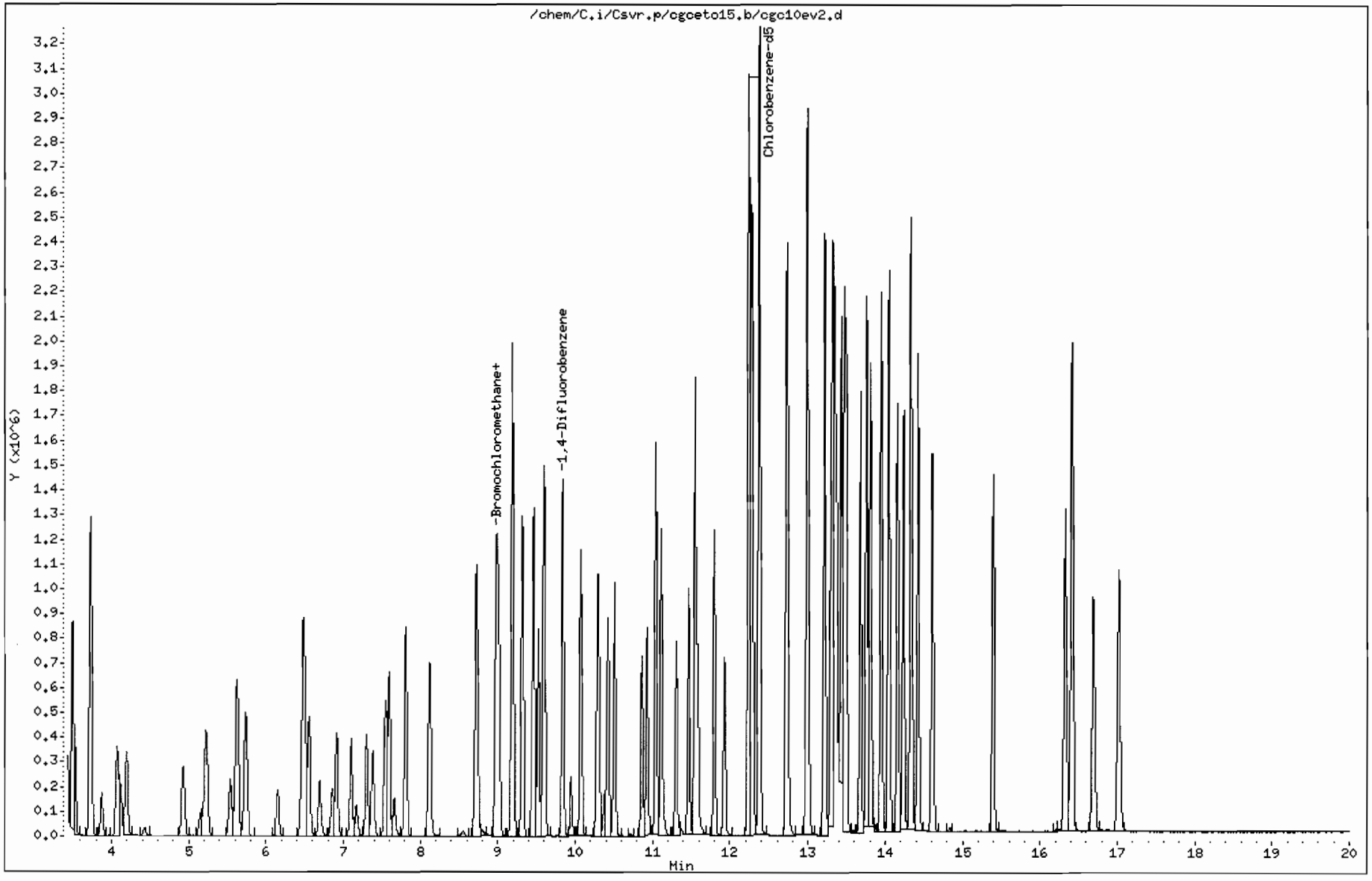
Purge Volume: 200.0

Column phase: RTX-624

Instrument: C.i

Operator: wrd

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgceto15.b/cgc10ev2.d
Lab Smp Id: astd10 Client Smp ID: astd10
Inj Date : 03-JAN-2008 11:08
Operator : wrd Inst ID: C.i
Smp Info :
Misc Info : astd10;010308CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgceto15.b/rto15.m
Meth Date : 09-Jan-2008 12:58 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	3.873	3.883	(0.431)	238769	10.0000	9.6
4 Vinyl Chloride	62	4.113	4.129	(0.458)	302543	10.0000	9.7
6 Bromomethane	94	4.929	4.940	(0.549)	279940	10.0000	9.6
7 Chloroethane	64	5.153	5.164	(0.574)	129372	10.0000	9.5
11 1,1-Dichloroethene	96	6.557	6.568	(0.730)	239339	10.0000	9.8
12 Acetone	43	6.691	6.701	(0.745)	392554	10.0000	12
14 Carbon Disulfide	76	6.915	6.925	(0.770)	748331	10.0000	10
16 Methylene Chloride	49	7.299	7.310	(0.813)	302664	10.0000	9.8
19 trans-1,2-Dichloroethene	61	7.592	7.603	(0.845)	454383	10.0000	10
21 1,1-Dichloroethane	63	8.121	8.131	(0.904)	521269	10.0000	9.7
23 Methyl Ethyl Ketone	72	8.724	8.734	(0.971)	118914	10.0000	12(Q)
24 cis-1,2-Dichloroethene	96	8.735	8.740	(0.973)	285446	10.0000	9.8
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	287309	10.0000	
27 Chloroform	83	9.012	9.023	(1.004)	649700	10.0000	9.7
28 1,1,1-Trichloroethane	97	9.183	9.193	(0.934)	801505	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	9.316	9.327	(0.947)	910638	10.0000	11
32 Benzene	78	9.524	9.530	(0.969)	752445	10.0000	9.5
33 1,2-Dichloroethane	62	9.583	9.594	(0.974)	450378	10.0000	11
* 35 1,4-Difluorobenzene	114	9.834	9.839	(1.000)	1158526	10.0000	
36 Trichloroethene	95	10.069	10.074	(1.024)	389334	10.0000	10
38 1,2-Dichloropropane	63	10.298	10.304	(1.047)	271135	10.0000	10(Q)
40 Bromodichloromethane	83	10.506	10.512	(1.068)	701370	10.0000	11
41 cis-1,3-Dichloropropene	75	10.864	10.869	(1.105)	472607	10.0000	12
42 Methyl Isobutyl Ketone	43	10.928	10.933	(1.111)	583012	10.0000	14
43 Toluene	92	11.109	11.115	(0.907)	535044	10.0000	10
44 trans-1,3-Dichloropropene	75	11.302	11.307	(1.149)	511699	10.0000	13
45 1,1,2-Trichloroethane	83	11.467	11.472	(0.936)	268143	10.0000	10
46 Tetrachloroethene	166	11.547	11.552	(0.943)	567147	10.0000	9.8
47 Methyl Butyl Ketone	43	11.579	11.584	(0.946)	542098	10.0000	13
48 Dibromochloromethane	129	11.798	11.803	(0.963)	691172	10.0000	10
* 50 Chlorobenzene-d5	117	12.246	12.252	(1.000)	1232900	10.0000	
51 Chlorobenzene	112	12.273	12.278	(1.002)	813672	10.0000	10
52 Ethylbenzene	91	12.289	12.294	(1.003)	1294291	10.0000	11
53 Xylene (m,p)	106	12.374	12.380	(1.010)	1007487	20.0000	20
54 Xylene (o)	106	12.721	12.726	(1.039)	485104	10.0000	9.7
56 Styrene	104	12.737	12.742	(1.040)	742635	10.0000	11
57 Bromoform	173	12.988	12.993	(1.061)	712494	10.0000	11
58 1,1,2,2-Tetrachloroethane	83	13.298	13.303	(1.086)	698269	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: C.i
Lab File ID: cgc10ev2.d
Analysis Type: AIR
Lab Sample ID: astd10
Method: /chem/C.i/Csvr.p/cgceto15.b/rto15.m

Injection Date: 03-JAN-2008 11:08
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	0.83105	0.010	3.96597	30.00000	Averaged
4 Vinyl Chloride	1.08539	1.05302	0.010	2.98185	30.00000	Averaged
6 Bromomethane	1.01755	0.97435	0.010	4.24486	30.00000	Averaged
7 Chloroethane	0.47181	0.45029	0.010	4.56242	30.00000	Averaged
11 1,1-Dichloroethene	0.84762	0.83304	0.010	1.72103	30.00000	Averaged
12 Acetone	1.10823	1.36631	0.010	-23.28812	30.00000	Averaged
14 Carbon Disulfide	2.61143	2.60462	0.010	0.26088	30.00000	Averaged
16 Methylene Chloride	1.07038	1.05344	0.010	1.58202	30.00000	Averaged
19 trans-1,2-Dichloroethene	1.52851	1.58151	0.010	-3.46748	30.00000	Averaged
21 1,1-Dichloroethane	1.87013	1.81431	0.100	2.98464	30.00000	Averaged
23 Methyl Ethyl Ketone	0.35882	0.41389	0.010	-15.34738	30.00000	Averaged
24 cis-1,2-Dichloroethene	1.01449	0.99352	0.010	2.06749	30.00000	Averaged
27 Chloroform	2.32146	2.26133	0.010	2.59043	30.00000	Averaged
28 1,1,1-Trichloroethane	0.64288	0.69183	0.010	-7.61364	30.00000	Averaged
30 Carbon Tetrachloride	0.69501	0.78603	0.010	-13.09672	30.00000	Averaged
32 Benzene	0.68036	0.64948	0.010	4.53803	30.00000	Averaged
33 1,2-Dichloroethane	0.36697	0.38875	0.010	-5.93507	30.00000	Averaged
36 Trichloroethene	0.32878	0.33606	0.010	-2.21570	30.00000	Averaged
38 1,2-Dichloropropane	0.22556	0.23403	0.010	-3.75896	30.00000	Averaged
40 Bromodichloromethane	0.57106	0.60540	0.010	-6.01382	30.00000	Averaged
41 cis-1,3-Dichloropropene	0.34998	0.40794	0.010	-16.56018	30.00000	Averaged
42 Methyl Isobutyl Ketone	0.36799	0.50324	0.010	-36.75399	30.00000	Averaged <-
43 Toluene	0.42619	0.43397	0.010	-1.82501	30.00000	Averaged
44 trans-1,3-Dichloropropene	0.35029	0.44168	0.010	-26.08923	30.00000	Averaged
45 1,1,2-Trichloroethane	0.20794	0.21749	0.010	-4.59277	30.00000	Averaged
46 Tetrachloroethene	0.46739	0.46001	0.010	1.57883	30.00000	Averaged
47 Methyl Butyl Ketone	0.33387	0.43969	0.010	-31.69751	30.00000	Averaged <-
48 Dibromochloromethane	0.53653	0.56061	0.010	-4.48743	30.00000	Averaged
51 Chlorobenzene	0.64684	0.65997	0.300	-2.02982	30.00000	Averaged
52 Ethylbenzene	0.96778	1.04979	0.010	-8.47419	30.00000	Averaged
53 Xylene (m,p)	0.41052	0.40858	0.010	0.47224	30.00000	Averaged
54 Xylene (o)	0.40542	0.39347	0.010	2.94930	30.00000	Averaged
56 Styrene	0.52690	0.60235	0.010	-14.32020	30.00000	Averaged
57 Bromoform	0.51729	0.57790	0.010	-11.71651	30.00000	Averaged
58 1,1,2,2-Tetrachloroethane	0.53343	0.56636	0.010	-6.17393	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.: 123559

Instrument ID: G Calibration Date: 01/08/08 Time: 1036

Lab File ID: GBS10SV Init. Calib. Date(s): 12/11/07 12/11/07

Heated Purge: (Y/N) N Init. Calib. Times: 0930 1430

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Chloromethane	0.454	0.484	0.01	6.6	30.0
Vinyl Chloride	0.709	0.691	0.01	2.5	30.0
Bromomethane	1.043	0.939	0.01	10.0	30.0
Chloroethane	0.382	0.347	0.01	9.2	30.0
1,1-Dichloroethene	1.044	0.952	0.01	8.8	30.0
Acetone	0.784	0.864	0.01	10.2	30.0
Carbon Disulfide	2.796	2.530	0.01	9.5	30.0
Methylene Chloride	0.725	0.676	0.01	6.8	30.0
trans-1,2-Dichloroethene	1.360	1.302	0.01	4.3	30.0
1,1-Dichloroethane	1.716	1.628	0.1	5.1	30.0
Methyl Ethyl Ketone	0.321	0.335	0.01	4.4	30.0
cis-1,2-Dichloroethene	1.175	1.111	0.01	5.4	30.0
Chloroform	2.896	2.873	0.01	0.8	30.0
1,1,1-Trichloroethane	0.729	0.751	0.01	3.0	30.0
Carbon Tetrachloride	0.802	0.847	0.01	5.6	30.0
Benzene	0.636	0.581	0.01	8.6	30.0
1,2-Dichloroethane	0.378	0.386	0.01	2.1	30.0
Trichloroethene	0.365	0.360	0.01	1.4	30.0
1,2-Dichloropropane	0.192	0.183	0.01	4.7	30.0
Bromodichloromethane	0.639	0.673	0.01	5.3	30.0
cis-1,3-Dichloropropene	0.390	0.392	0.01	0.5	30.0
Methyl Isobutyl Ketone	0.213	0.238	0.01	11.7	30.0
Toluene	0.547	0.547	0.01	0.0	30.0
trans-1,3-Dichloropropene	0.441	0.472	0.01	7.0	30.0
1,1,2-Trichloroethane	0.249	0.230	0.01	7.6	30.0
Tetrachloroethene	0.507	0.479	0.01	5.5	30.0
Methyl Butyl Ketone	0.218	0.231	0.01	6.0	30.0
Dibromochloromethane	0.693	0.713	0.01	2.9	30.0
Chlorobenzene	0.829	0.792	0.3	4.5	30.0
Ethylbenzene	1.263	1.339	0.01	6.0	30.0
Xylene (m,p)	0.455	0.480	0.01	5.5	30.0
Xylene (o)	0.434	0.465	0.01	7.1	30.0
Styrene	0.637	0.714	0.01	12.1	30.0
Bromoform	0.602	0.671	0.01	11.5	30.0
1,1,2,2-Tetrachloroethane	0.555	0.596	0.01	7.4	30.0

FORM VII VOA

Data File: /chem/G.i/Gsvr.p/gbssto15.b/gbs10sv.d

Page 4

Date : 08-JAN-2008 10:36

Client ID: ASTD010

Instrument: G.i

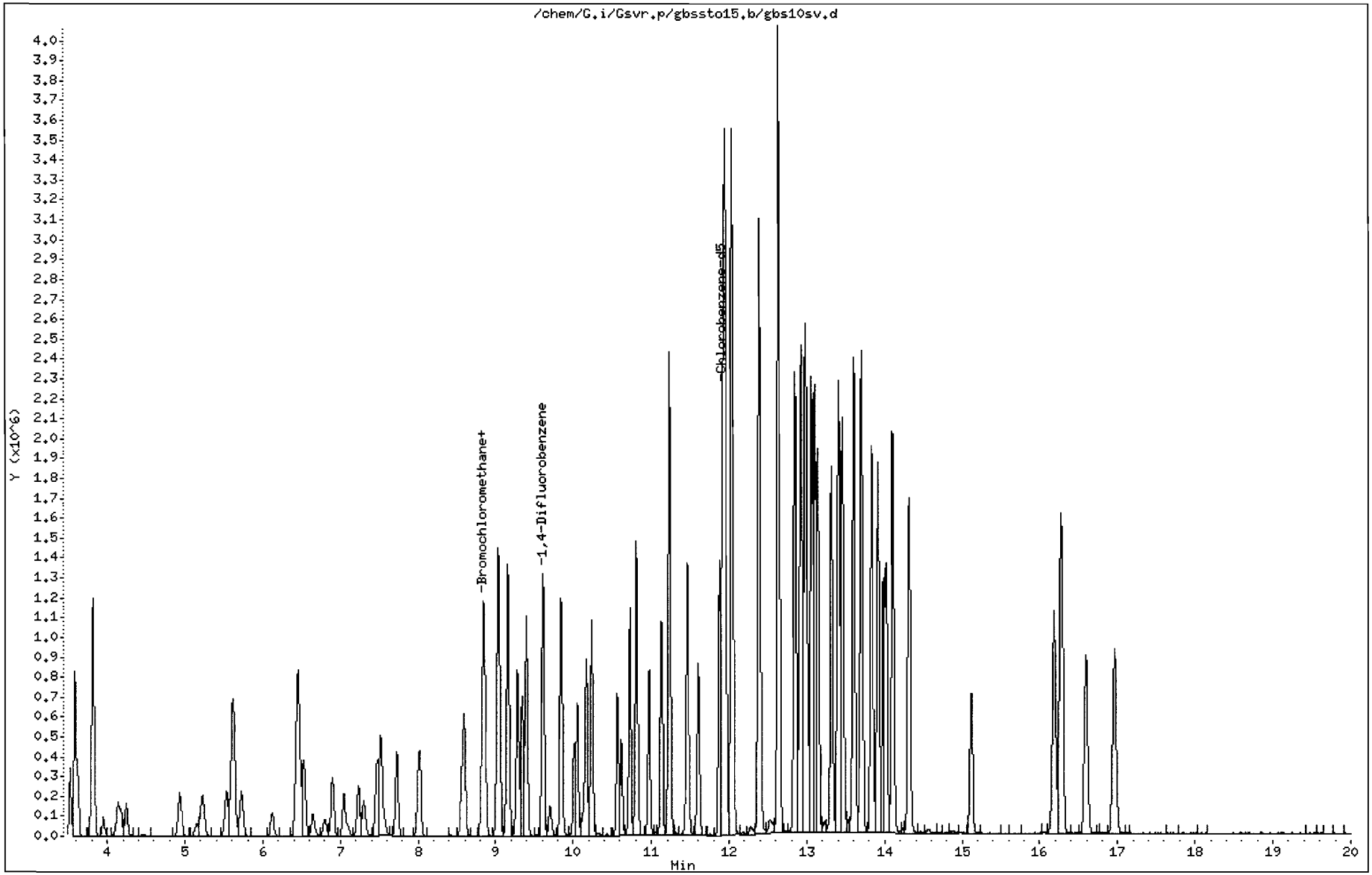
Sample Info:

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbssto15.b/gbs10sv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 08-JAN-2008 10:36
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : ASTD010;010808GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbssto15.b/rto15.m
Meth Date : 09-Jan-2008 14:00 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 14:30 Cal File: gbs40v.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)	ON-COL (ppbv)
3 Chloromethane	50	3.952	3.952	(0.448)	123080	10.0000	11
4 Vinyl Chloride	62	4.177	4.182	(0.473)	175696	10.0000	9.7
6 Bromomethane	94	4.931	4.947	(0.559)	238916	10.0000	9.0
7 Chloroethane	64	5.150	5.150	(0.584)	88196	10.0000	9.1
11 1,1-Dichloroethene	96	6.531	6.541	(0.740)	242156	10.0000	9.1
12 Acetone	43	6.643	6.664	(0.753)	219768	10.0000	11
14 Carbon Disulfide	76	6.900	6.910	(0.782)	643485	10.0000	9.0
16 Methylene Chloride	49	7.237	7.248	(0.820)	172078	10.0000	9.3
19 trans-1,2-Dichloroethene	61	7.520	7.536	(0.852)	331209	10.0000	9.6
21 1,1-Dichloroethane	63	8.023	8.034	(0.909)	414161	10.0000	9.5
23 Methyl Ethyl Ketone	72	8.580	8.590	(0.972)	85150	10.0000	10
24 cis-1,2-Dichloroethene	96	8.596	8.606	(0.974)	282689	10.0000	9.5
* 25 Bromochloromethane	128	8.826	8.842	(1.000)	254334	10.0000	
27 Chloroform	83	8.852	8.863	(1.003)	730806	10.0000	9.9
28 1,1,1-Trichloroethane	97	9.029	9.040	(0.939)	980733	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	9.157	9.168	(0.953)	1106069	10.0000	11
32 Benzene	78	9.345	9.350	(0.972)	759628	10.0000	9.1
33 1,2-Dichloroethane	62	9.387	9.398	(0.977)	504655	10.0000	10
* 35 1,4-Difluorobenzene	114	9.612	9.623	(1.000)	1306373	10.0000	
36 Trichloroethene	95	9.842	9.853	(1.024)	471028	10.0000	9.9
38 1,2-Dichloropropane	63	10.051	10.067	(1.046)	238817	10.0000	9.5
40 Bromodichloromethane	83	10.243	10.249	(1.066)	879309	10.0000	11
41 cis-1,3-Dichloropropene	75	10.564	10.575	(1.099)	511542	10.0000	10
42 Methyl Isobutyl Ketone	43	10.618	10.629	(1.105)	310627	10.0000	11
43 Toluene	92	10.810	10.821	(0.907)	765034	10.0000	10
44 trans-1,3-Dichloropropene	75	10.971	10.976	(1.141)	616542	10.0000	11
45 1,1,2-Trichloroethane	83	11.131	11.137	(0.934)	321596	10.0000	9.2
46 Tetrachloroethene	166	11.233	11.238	(0.943)	670052	10.0000	9.4
47 Methyl Butyl Ketone	43	11.228	11.238	(0.942)	323010	10.0000	11
48 Dibromochloromethane	129	11.458	11.468	(0.961)	997275	10.0000	10
* 50 Chlorobenzene-d5	117	11.918	11.929	(1.000)	1398885	10.0000	
51 Chlorobenzene	112	11.945	11.955	(1.002)	1107550	10.0000	9.6
52 Ethylbenzene	91	11.950	11.961	(1.003)	1873630	10.0000	11
53 Xylene (m,p)	106	12.036	12.046	(1.010)	1343909	20.0000	21
54 Xylene (o)	106	12.383	12.394	(1.039)	650841	10.0000	11
56 Styrene	104	12.394	12.405	(1.040)	998716	10.0000	11
57 Bromoform	173	12.635	12.645	(1.060)	938678	10.0000	11
58 1,1,2,2-Tetrachloroethane	83	12.913	12.924	(1.083)	834460	10.0000	11

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: G.i
Lab File ID: gbs10sv.d
Analysis Type: AIR
Lab Sample ID: ASTD010
Method: /chem/G.i/Gsvr.p/gbssto15.b/rto15.m

Injection Date: 08-JAN-2008 10:36
Init. Cal. Date(s): 11-DEC-2007 11-DEC-2007
Init. Cal. Times: 09:30 14:30
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
3 Chloromethane	0.45379	0.48393	0.010	-6.64209	30.00000	Averaged
4 Vinyl Chloride	0.70919	0.69081	0.010	2.59181	30.00000	Averaged
6 Bromomethane	1.04284	0.93938	0.010	9.92131	30.00000	Averaged
7 Chloroethane	0.38249	0.34677	0.010	9.33799	30.00000	Averaged
11 1,1-Dichloroethene	1.04460	0.95212	0.010	8.85345	30.00000	Averaged
12 Acetone	0.78369	0.86409	0.010	-10.25882	30.00000	Averaged
14 Carbon Disulfide	2.79613	2.53008	0.010	9.51483	30.00000	Averaged
16 Methylene Chloride	0.72509	0.67658	0.010	6.68919	30.00000	Averaged
19 trans-1,2-Dichloroethene	1.36015	1.30226	0.010	4.25635	30.00000	Averaged
21 1,1-Dichloroethane	1.71590	1.62841	0.100	5.09864	30.00000	Averaged
23 Methyl Ethyl Ketone	0.32080	0.33480	0.010	-4.36265	30.00000	Averaged
24 cis-1,2-Dichloroethene	1.17530	1.11149	0.010	5.42916	30.00000	Averaged
27 Chloroform	2.89632	2.87341	0.010	0.79115	30.00000	Averaged
28 1,1,1-Trichloroethane	0.72947	0.75073	0.010	-2.91477	30.00000	Averaged
30 Carbon Tetrachloride	0.80180	0.84667	0.010	-5.59702	30.00000	Averaged
32 Benzene	0.63567	0.58148	0.010	8.52478	30.00000	Averaged
33 1,2-Dichloroethane	0.37834	0.38630	0.010	-2.10402	30.00000	Averaged
36 Trichloroethene	0.36515	0.36056	0.010	1.25558	30.00000	Averaged
38 1,2-Dichloropropane	0.19204	0.18281	0.010	4.80821	30.00000	Averaged
40 Bromodichloromethane	0.63876	0.67309	0.010	-5.37526	30.00000	Averaged
41 cis-1,3-Dichloropropene	0.39045	0.39157	0.010	-0.28736	30.00000	Averaged
42 Methyl Isobutyl Ketone	0.21341	0.23778	0.010	-11.41945	30.00000	Averaged
43 Toluene	0.54680	0.54689	0.010	-0.01694	30.00000	Averaged
44 trans-1,3-Dichloropropene	0.44118	0.47195	0.010	-6.97361	30.00000	Averaged
45 1,1,2-Trichloroethane	0.24900	0.22989	0.010	7.67456	30.00000	Averaged
46 Tetrachloroethene	0.50709	0.47899	0.010	5.54095	30.00000	Averaged
47 Methyl Butyl Ketone	0.21779	0.23091	0.010	-6.02185	30.00000	Averaged
48 Dibromochloromethane	0.69335	0.71291	0.010	-2.82067	30.00000	Averaged
51 Chlorobenzene	0.82893	0.79174	0.300	4.48707	30.00000	Averaged
52 Ethylbenzene	1.26330	1.33937	0.010	-6.02212	30.00000	Averaged
53 Xylene (m,p)	0.45466	0.48035	0.010	-5.65113	30.00000	Averaged
54 Xylene (o)	0.43371	0.46526	0.010	-7.27414	30.00000	Averaged
56 Styrene	0.63708	0.71394	0.010	-12.06322	30.00000	Averaged
57 Bromoform	0.60179	0.67102	0.010	-11.50364	30.00000	Averaged
58 1,1,2,2-Tetrachloroethane	0.55521	0.59652	0.010	-7.43919	30.00000	Averaged

Raw QC Data – TO-15 Volatile

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbr16pv.d

Date : 11-DEC-2007 08:31

Client ID: VBFB

Instrument: G.i

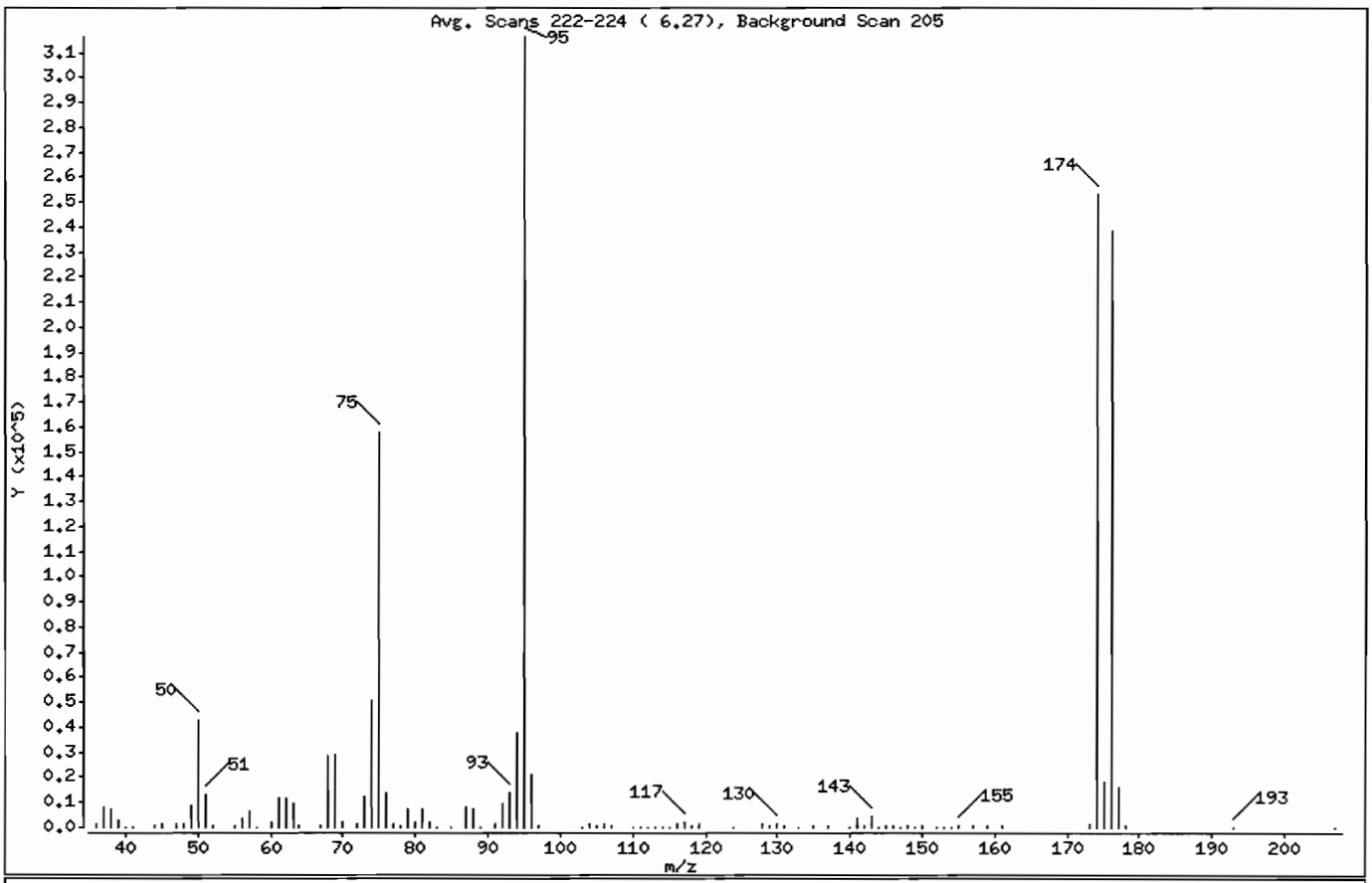
Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	13.67
75	30.00 - 66.00% of mass 95	49.79
96	5.00 - 9.00% of mass 95	6.74
173	Less than 2.00% of mass 174	0.41 (0.51)
174	50.00 - 120.00% of mass 95	80.10
175	4.00 - 9.00% of mass 174	5.71 (7.13)
176	93.00 - 101.00% of mass 174	75.48 (94.24)
177	5.00 - 9.00% of mass 176	5.09 (6.74)

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbr16pv.d

Date : 11-DEC-2007 08:31

Client ID: VBFB

Instrument: G.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: gbr16pv.d
Spectrum: Avg. Scans 222-224 (6.27), Background Scan 205
Location of Maximum: 95.00
Number of points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1259	69.00	28880	103.00	184	142.00	386
37.00	7706	70.00	2267	104.00	1225	143.00	4201
38.00	7306	72.00	1440	105.00	450	144.00	204
39.00	2931	73.00	12422	106.00	1428	145.00	366
40.00	265	74.00	50992	107.00	460	146.00	384
41.00	72	75.00	157504	110.00	99	147.00	202
44.00	863	76.00	13760	111.00	172	148.00	869
45.00	1566	77.00	1276	112.00	258	149.00	154
47.00	1366	78.00	518	113.00	188	150.00	414
48.00	1344	79.00	7462	114.00	140	152.00	230
49.00	8882	80.00	2184	115.00	307	153.00	293
50.00	43240	81.00	7479	116.00	1117	154.00	215
51.00	13252	82.00	1956	117.00	1876	155.00	732
52.00	736	83.00	214	118.00	1088	157.00	654
55.00	622	85.00	77	119.00	1789	159.00	462
56.00	3484	87.00	7916	124.00	153	161.00	488
57.00	6301	88.00	7417	128.00	1245	173.00	1292
58.00	202	89.00	106	129.00	576	174.00	253312
60.00	2194	91.00	1155	130.00	1364	175.00	18056
61.00	11607	92.00	9104	131.00	404	176.00	238720
62.00	11482	93.00	13581	133.00	156	177.00	16090
63.00	9512	94.00	37824	135.00	781	178.00	454
64.00	751	95.00	316288	137.00	731	193.00	204
67.00	712	96.00	21304	140.00	272	207.00	91
68.00	28592	97.00	649	141.00	3484		

Data File: /chem/G.i/Gsvr.p/gbsto15.b/gbr16pv.d

Date : 11-DEC-2007 08:31

Client ID: VBFB

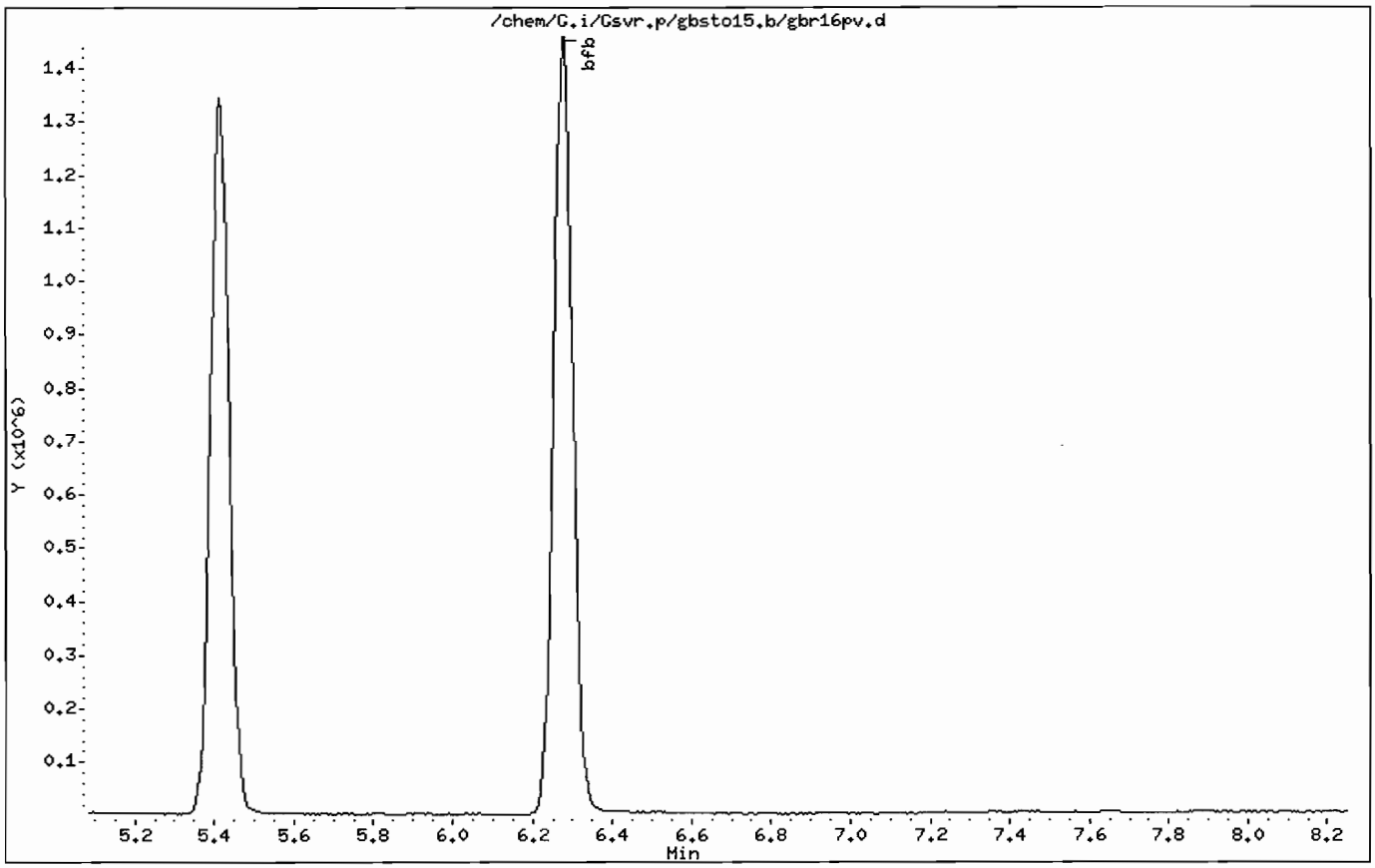
Instrument: G.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



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

Date : 26-DEC-2007 13:48

Client ID: VBFB

Instrument: C.i

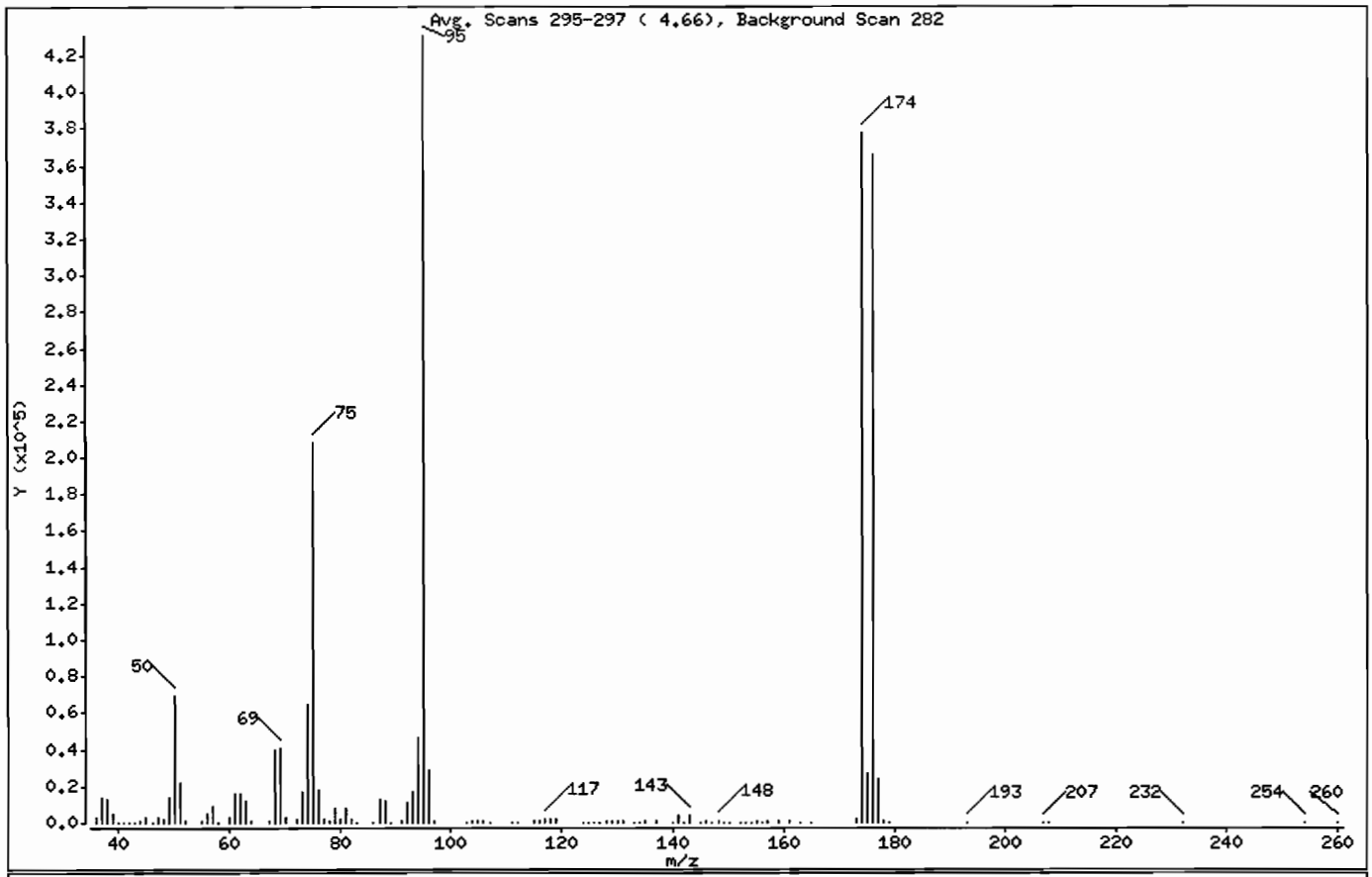
Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

$ 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

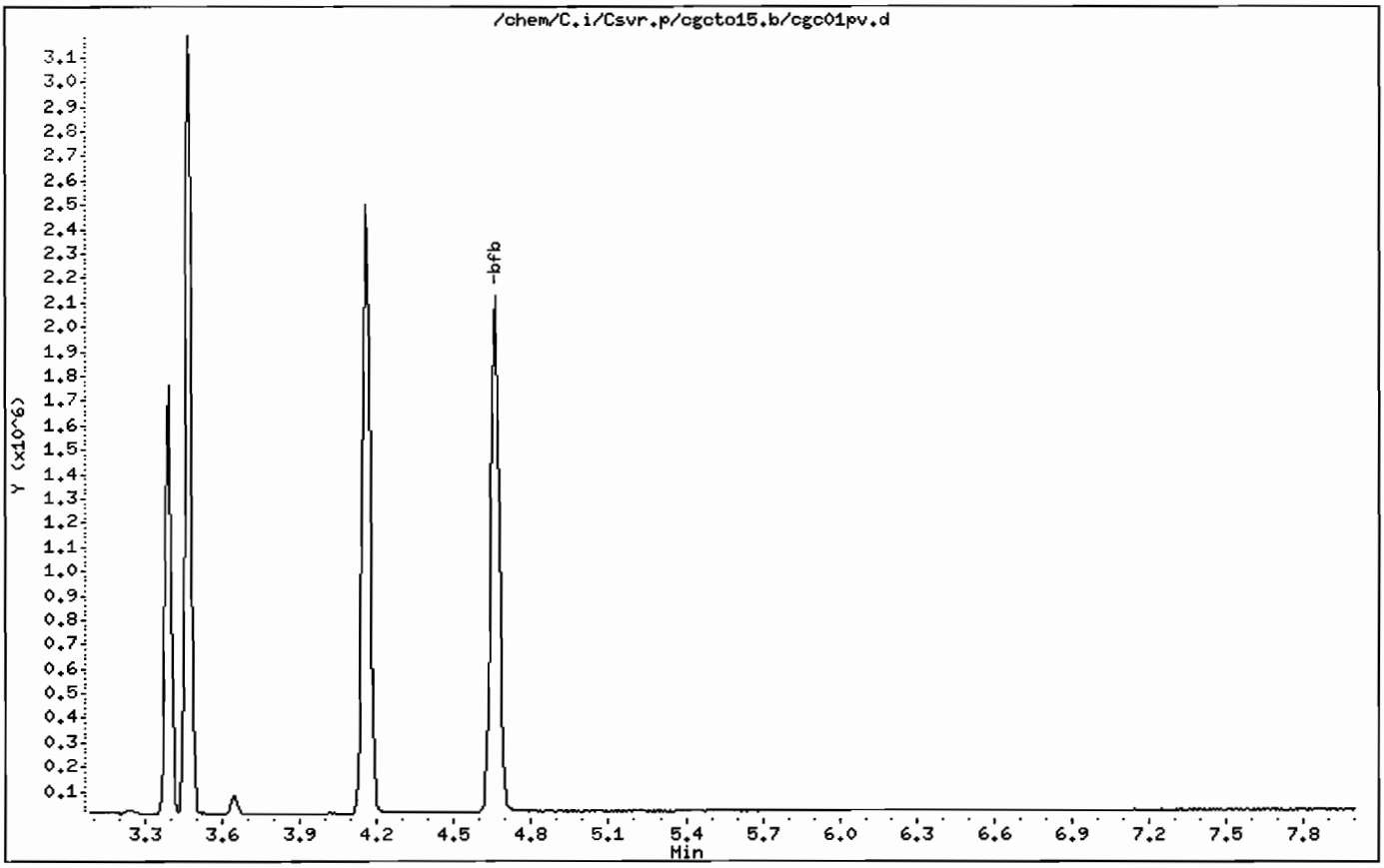
Instrument: C.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cgceto15.b/cgc06pv.d

Date : 03-JAN-2008 09:19

Client ID: VBFB

Instrument: C.i

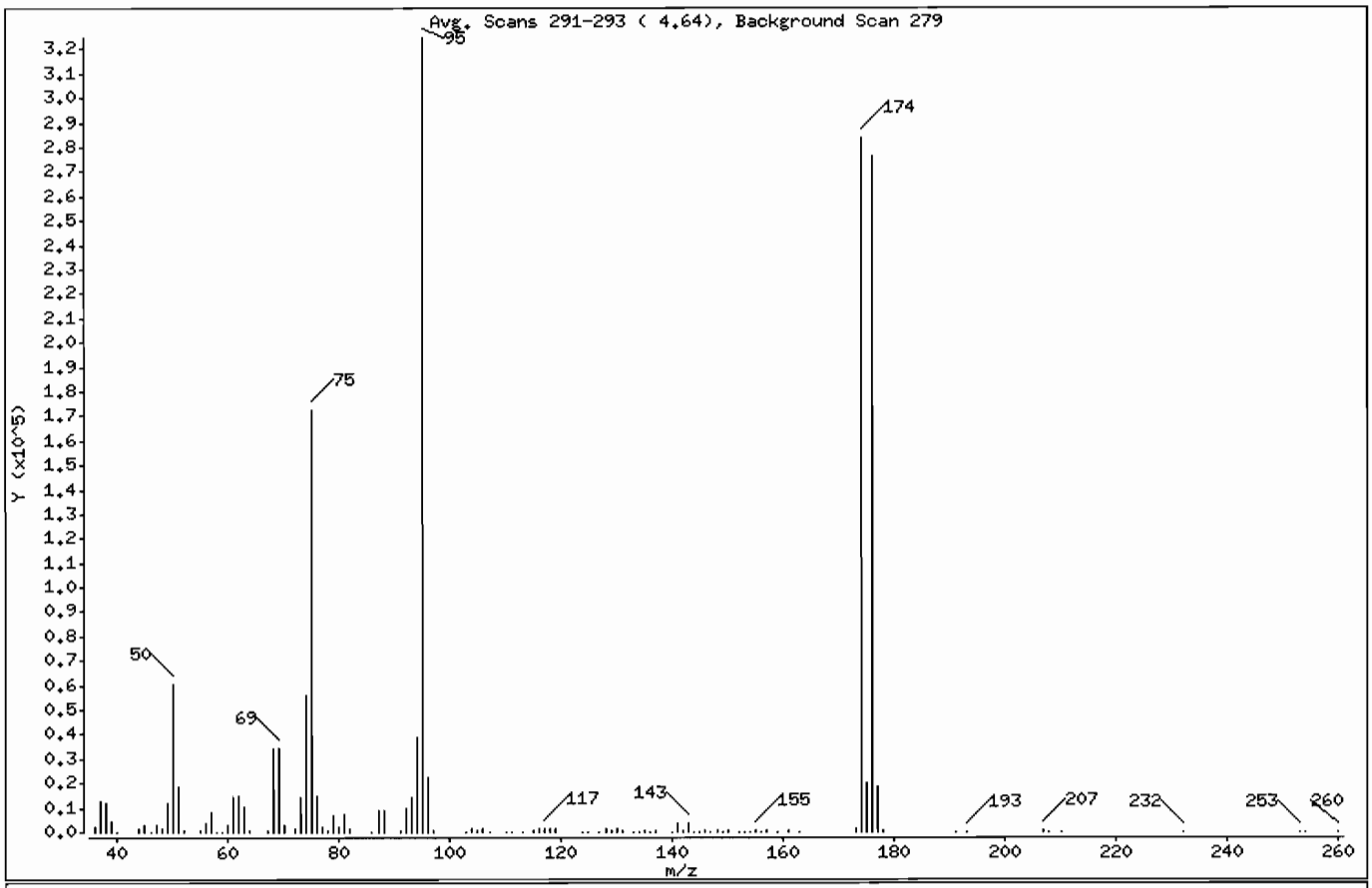
Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

* 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	18.60
75	30.00 - 66.00% of mass 95	53.03
96	5.00 - 9.00% of mass 95	6.93
173	Less than 2.00% of mass 174	0.42 (0.48)
174	50.00 - 120.00% of mass 95	87.45
175	4.00 - 9.00% of mass 174	6.23 (7.12)
176	93.00 - 101.00% of mass 174	85.01 (97.21)
177	5.00 - 9.00% of mass 176	5.69 (6.69)

Data File: /chem/C.i/Csvr.p/cgceto15.b/cgc06pv.d

Date : 03-JAN-2008 09:19

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: cgc06pv.d
Spectrum: Avg. Scans 291-293 (4.64), Background Scan 279
Location of Maximum: 95.00
Number of points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2284	72.00	1706	113.00	233	150.00	397
37.00	12949	73.00	14526	115.00	472	152.00	102
38.00	11585	74.00	56064	116.00	1163	153.00	164
39.00	4539	75.00	172224	117.00	1858	154.00	156
40.00	124	76.00	15160	118.00	1221	155.00	1003
44.00	1400	77.00	1867	119.00	1347	156.00	82
45.00	2668	78.00	793	124.00	106	157.00	674
46.00	135	79.00	6659	125.00	140	159.00	345
47.00	3043	80.00	2166	127.00	232	161.00	572
48.00	1539	81.00	7152	128.00	1341	163.00	71
49.00	11860	82.00	1672	129.00	705	173.00	1365
50.00	60400	86.00	230	130.00	1216	174.00	284032
51.00	18944	87.00	9116	131.00	578	175.00	20216
52.00	824	88.00	8888	133.00	56	176.00	276096
55.00	679	91.00	962	134.00	188	177.00	18464
56.00	3895	92.00	9985	135.00	503	178.00	635
57.00	8050	93.00	14172	136.00	73	191.00	84
58.00	326	94.00	39064	137.00	564	193.00	225
59.00	71	95.00	324800	140.00	210	207.00	967
60.00	2776	96.00	22504	141.00	3484	208.00	184
61.00	14395	97.00	688	142.00	398	210.00	70
62.00	14737	103.00	351	143.00	3550	232.00	358
63.00	10393	104.00	1311	144.00	94	253.00	274
64.00	970	105.00	502	145.00	356	254.00	68
67.00	767	106.00	1321	146.00	485	260.00	155
68.00	34296	107.00	309	147.00	243		
69.00	34544	110.00	82	148.00	882		
70.00	2761	111.00	147	149.00	360		

Data File: /chem/C.i/Csvr.p/cgceto15.b/cgc06pv.d

Date : 03-JAN-2008 09:19

Client ID: VBFB

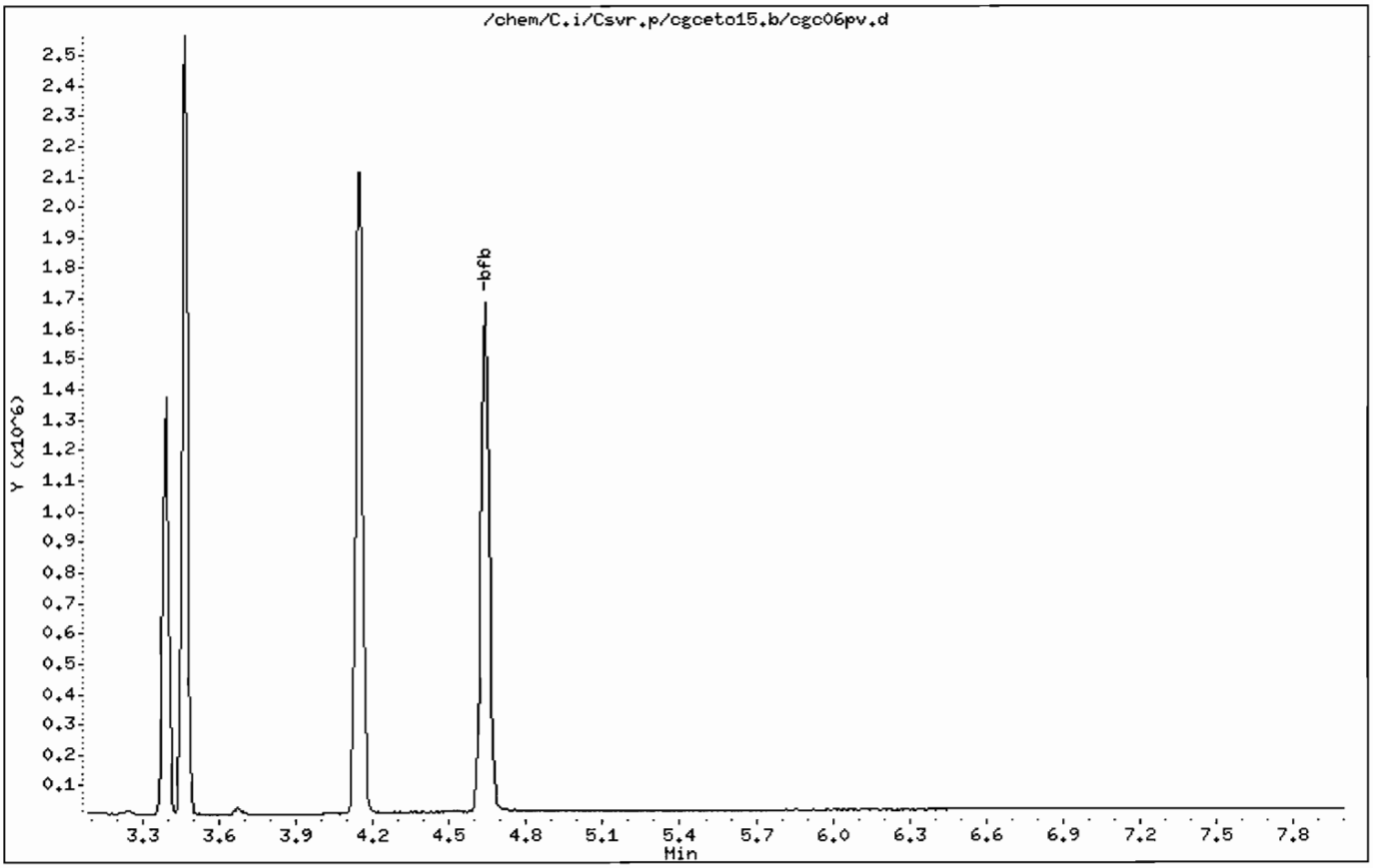
Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/G.i/Gsvr.p/gbssto15.b/gbs24pv.d

Date : 08-JAN-2008 10:04

Client ID: VBFB

Instrument: G.i

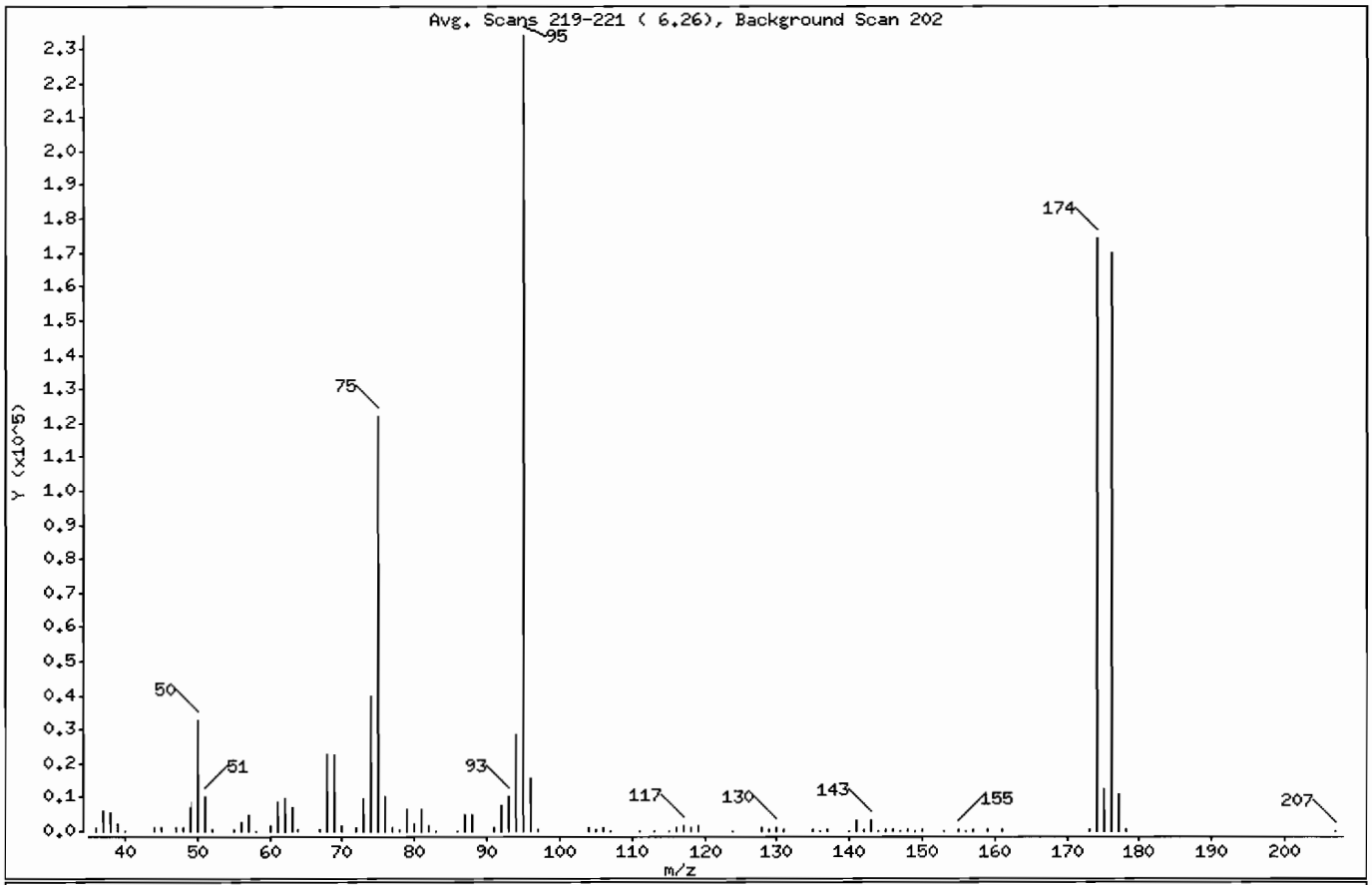
Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.09
75	30.00 - 66.00% of mass 95	52.14
96	5.00 - 9.00% of mass 95	6.59
173	Less than 2.00% of mass 174	0.34 (0.46)
174	50.00 - 120.00% of mass 95	74.59
175	4.00 - 9.00% of mass 174	5.31 (7.12)
176	93.00 - 101.00% of mass 174	72.57 (97.30)
177	5.00 - 9.00% of mass 176	4.66 (6.43)

Data File: /chem/G.i/Gsvr.p/gbssto15.b/gbs24pv.d

Date : 08-JAN-2008 10:04

Client ID: VBFB

Instrument: G.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: gbs24pv.d
Spectrum: Avg. Scans 219-221 (6.26), Background Scan 202
Location of Maximum: 95.00
Number of points: 91

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1043	68.00	22408	96.00	15410	142.00	403
37.00	6153	69.00	22384	97.00	380	143.00	3429
38.00	5582	70.00	1666	104.00	1070	144.00	105
39.00	2287	72.00	1234	105.00	305	145.00	316
40.00	73	73.00	9630	106.00	1211	146.00	379
44.00	856	74.00	40024	107.00	167	147.00	166
45.00	1273	75.00	121904	111.00	176	148.00	791
47.00	852	76.00	9958	113.00	86	149.00	167
48.00	1042	77.00	1053	115.00	242	150.00	305
49.00	6994	78.00	547	116.00	1067	153.00	143
50.00	32936	79.00	6518	117.00	1431	155.00	599
51.00	10081	80.00	1982	118.00	991	156.00	154
52.00	526	81.00	6628	119.00	1375	157.00	402
55.00	457	82.00	1860	124.00	86	159.00	336
56.00	2606	83.00	152	128.00	922	161.00	311
57.00	5001	86.00	71	129.00	503	173.00	802
58.00	174	87.00	4765	130.00	1104	174.00	174336
60.00	1613	88.00	5050	131.00	451	175.00	12424
61.00	8642	91.00	858	135.00	642	176.00	169664
62.00	9561	92.00	7389	136.00	68	177.00	10903
63.00	7185	93.00	9945	137.00	370	178.00	367
64.00	755	94.00	28536	140.00	88	207.00	86
67.00	519	95.00	233792	141.00	3015		

Data File: /chem/G.i/Gsvr.p/gbssto15.b/gbs24pv.d

Date : 08-JAN-2008 10:04

Client ID: VBFB

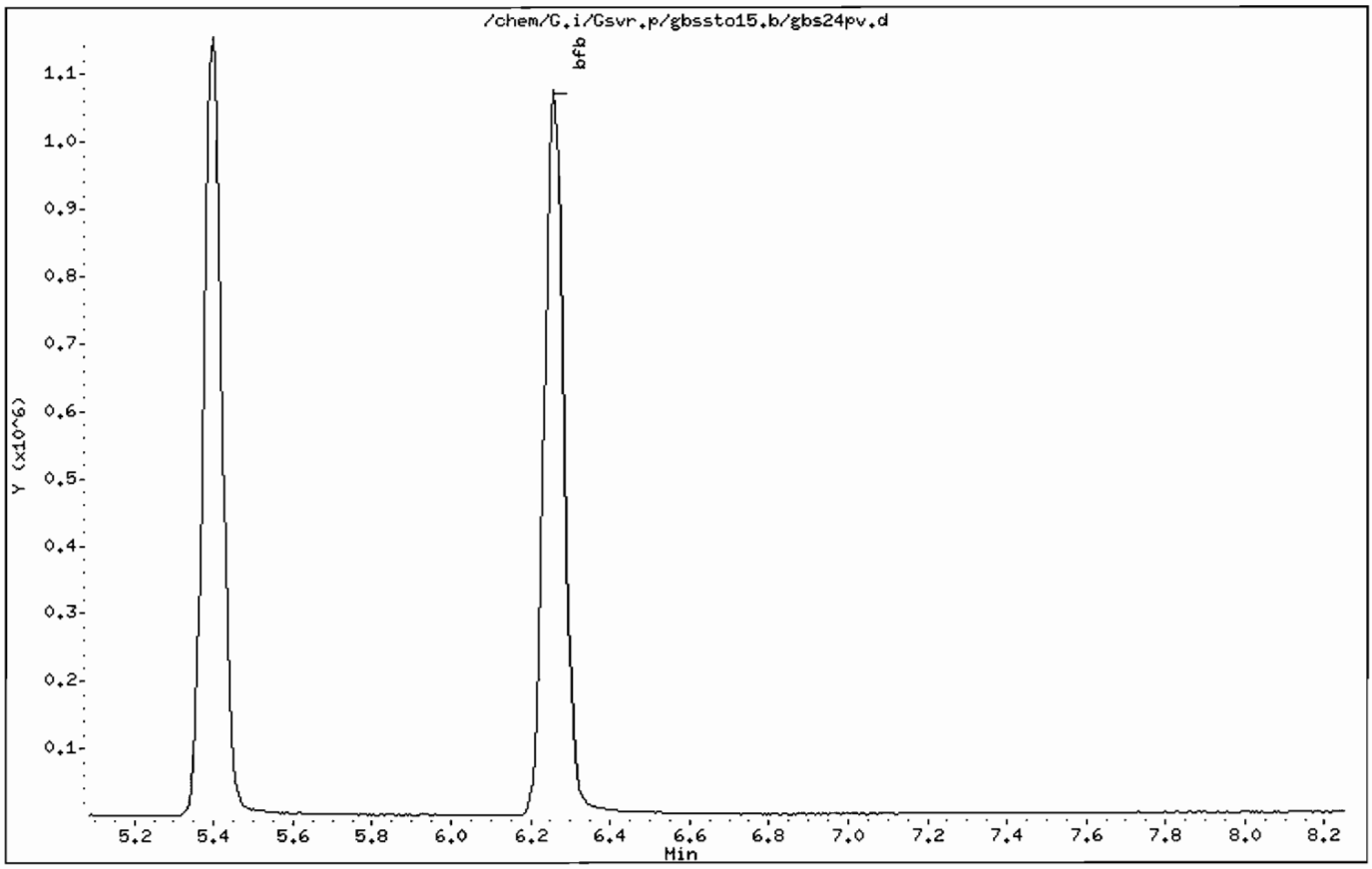
Instrument: G.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK010308CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: MBLK010308CA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGCB02E

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

% Moisture: not dec. _____ Date Analyzed: 01/03/08

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.

MBLK010308CA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: MBLK010308CA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGCB02E

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

% Moisture: not dec. _____ Date Analyzed: 01/03/08

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/cgcetc15.b/cgcb02e.d

Page 3

Date : 03-JAN-2008 14:30

Client ID: MBLK010308CA

Instrument: C.i

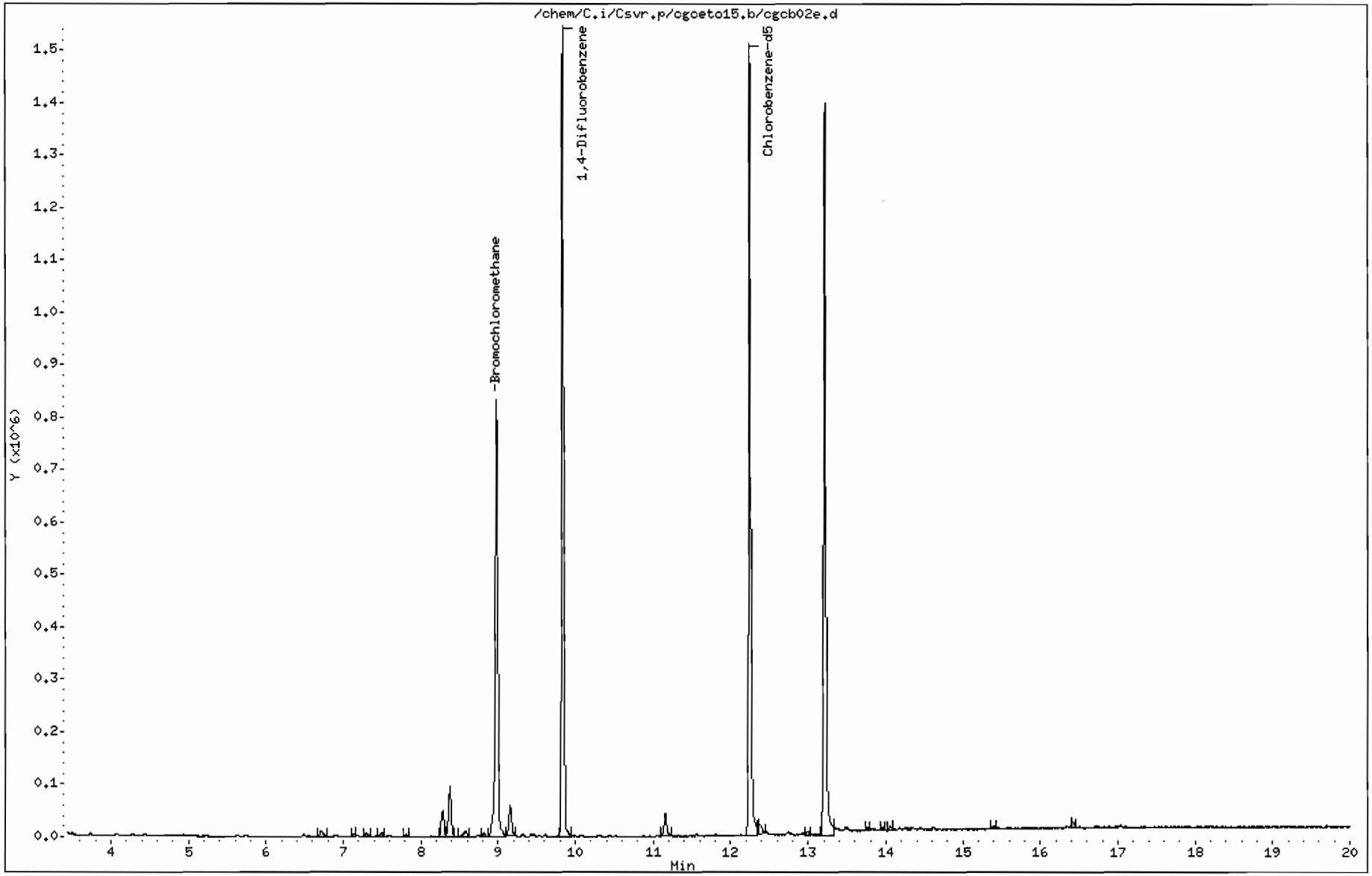
Sample Info:

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgceto15.b/cgcb02e.d
Lab Smp Id: MBLK010308CA Client Smp ID: MBLK010308CA
Inj Date : 03-JAN-2008 14:30
Operator : wrd Inst ID: C.i
Smp Info :
Misc Info : MBLK010308CA;010308CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgceto15.b/rto15.m
Meth Date : 09-Jan-2008 12:58 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)	247959	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)	1242188	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	12.246	12.252	(1.000)	922702	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.

MBLK010808GA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: MBLK010808GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GBSB03S

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

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

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.

MBLK010808GA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: MBLK010808GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GBSB03S

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

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

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

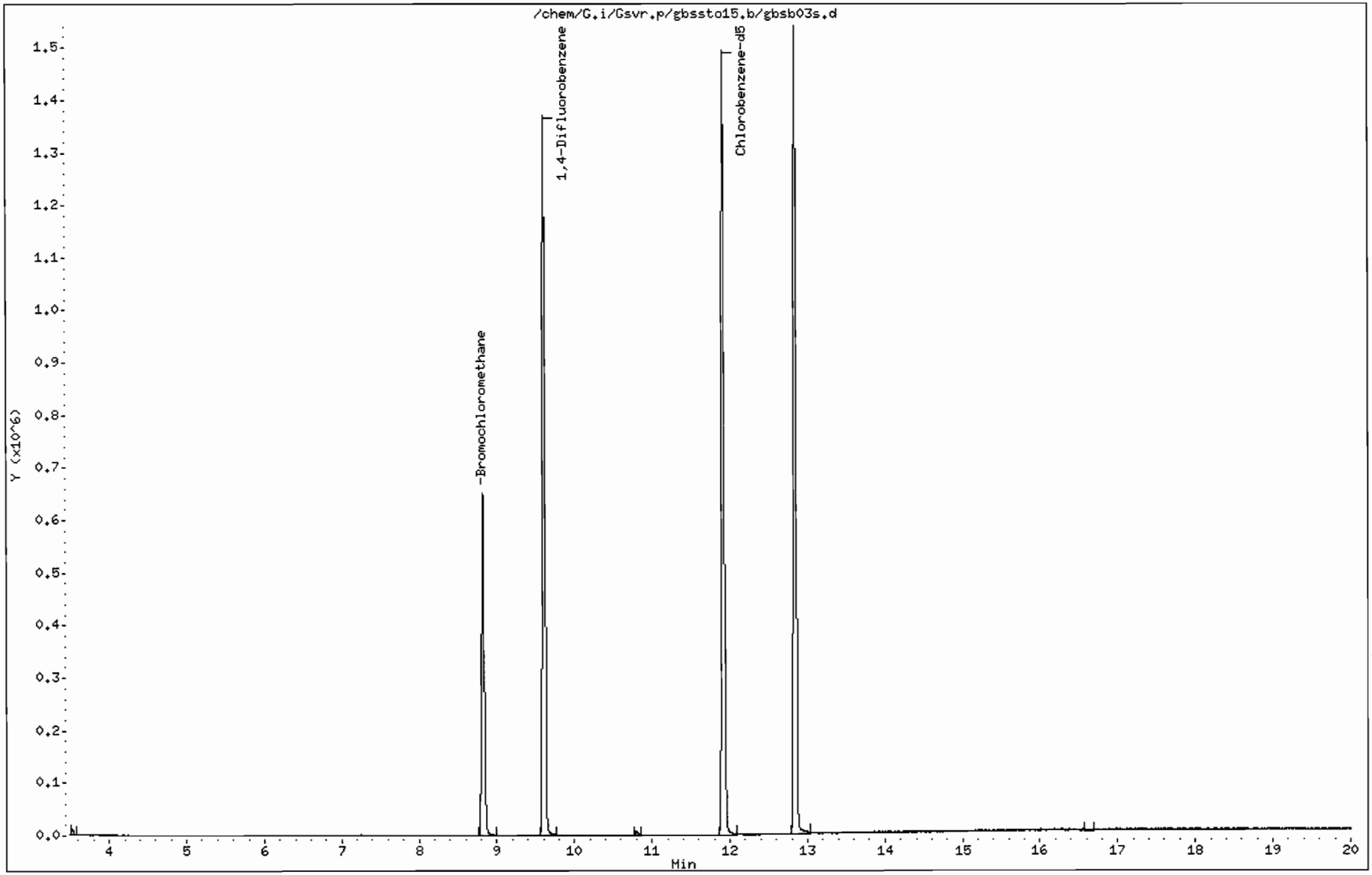
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gbssto15.b/gbsb03s.d
Date : 08-JAN-2008 16:35
Client ID: MBLK010808GA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbssto15.b/gbsb03s.d
Lab Smp Id: MBLK010808GA Client Smp ID: MBLK010808GA
Inj Date : 08-JAN-2008 16:35
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : iblk;010808GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbssto15.b/rto15.m
Meth Date : 09-Jan-2008 14:00 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 14:30 Cal File: gbs40v.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ROHHAA-RH.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
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	8.820	8.842	(1.000)	259896	10.0000		(Q)
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	9.607	9.623	(1.000)	1370373	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	11.913	11.929	(1.000)	1184229	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.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA010308LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: CA010308LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10EQ

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

% Moisture: not dec. _____ Date Analyzed: 01/03/08

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	8.5	
75-00-3	Chloroethane	8.6	
75-35-4	1,1-Dichloroethene	10	
67-64-1	Acetone	12	
75-15-0	Carbon Disulfide	9.5	
75-09-2	Methylene Chloride	11	
156-60-5	trans-1,2-Dichloroethene	10	
75-34-3	1,1-Dichloroethane	10	
78-93-3	Methyl Ethyl Ketone	9.8	
156-59-2	cis-1,2-Dichloroethene	9.7	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	13	
56-23-5	Carbon Tetrachloride	13	
71-43-2	Benzene	9.9	
107-06-2	1,2-Dichloroethane	13	
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	12	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	13	
108-88-3	Toluene	9.4	
10061-02-6	trans-1,3-Dichloropropene	12	
79-00-5	1,1,2-Trichloroethane	9.4	
127-18-4	Tetrachloroethene	9.5	
591-78-6	Methyl Butyl Ketone	12	
124-48-1	Dibromochloromethane	11	
108-90-7	Chlorobenzene	9.3	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	18	
95-47-6	Xylene (o)	9.1	
100-42-5	Styrene	11	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA010308LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: CA010308LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10EQ

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

% Moisture: not dec. _____ Date Analyzed: 01/03/08

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	11	
79-34-5	1,1,2,2-Tetrachloroethane	10	

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgceto15.b/cgc10eq.d

Page 3

Date : 03-JAN-2008 12:48

Client ID: CA010308LCS

Instrument: C.i

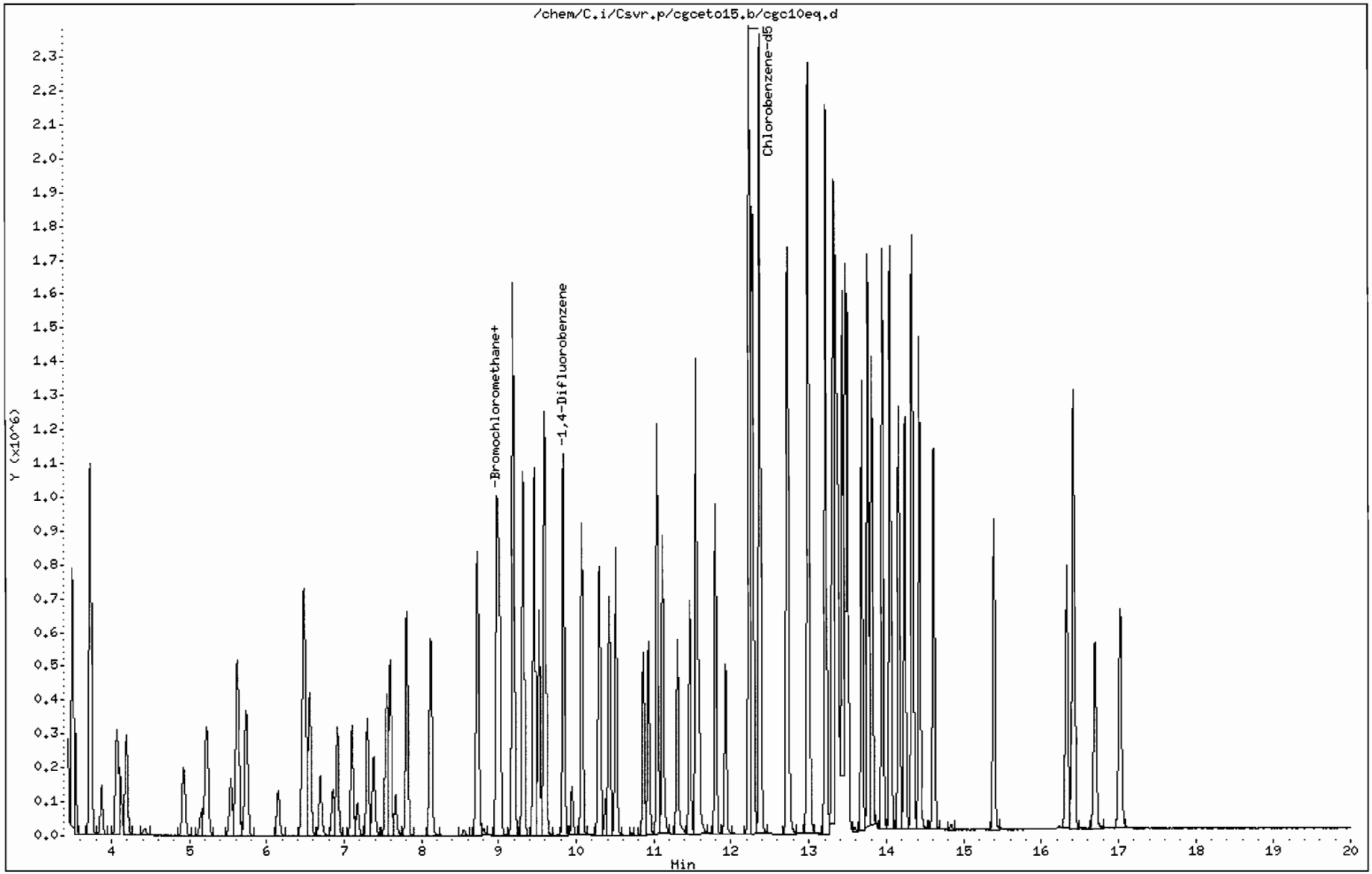
Sample Info:

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgceto15.b/cgc10eq.d
Lab Smp Id: CA010308LCS Client Smp ID: CA010308LCS
Inj Date : 03-JAN-2008 12:48
Operator : wrd Inst ID: C.i
Smp Info :
Misc Info : CA010308LCS;010308CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgceto15.b/rto15.m
Meth Date : 09-Jan-2008 12:58 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	3.867	3.883	(0.431)	201775	10.3919	10
4 Vinyl Chloride	62	4.113	4.129	(0.458)	248820	10.2172	10
6 Bromomethane	94	4.924	4.940	(0.548)	193710	8.48457	8.5
7 Chloroethane	64	5.148	5.164	(0.573)	90673	8.56520	8.6
11 1,1-Dichloroethene	96	6.552	6.568	(0.730)	192162	10.1040	10(Q)
12 Acetone	43	6.691	6.701	(0.745)	306161	12.3127	12
14 Carbon Disulfide	76	6.909	6.925	(0.769)	558201	9.52671	9.5
16 Methylene Chloride	49	7.299	7.310	(0.813)	256372	10.6749	11
19 trans-1,2-Dichloroethene	61	7.593	7.603	(0.845)	355771	10.3737	10
21 1,1-Dichloroethane	63	8.121	8.131	(0.904)	430617	10.2624	10
23 Methyl Ethyl Ketone	72	8.724	8.734	(0.971)	79269	9.84597	9.8(Q)
24 cis-1,2-Dichloroethene	96	8.735	8.740	(0.973)	219992	9.66474	9.7
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	224372	10.0000	
27 Chloroform	83	9.012	9.023	(1.004)	546574	10.4934	10
28 1,1,1-Trichloroethane	97	9.183	9.193	(0.934)	684982	12.5016	13

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
30 Carbon Tetrachloride	117	9.316	9.327	(0.947)	750817	12.6755	13
32 Benzene	78	9.525	9.530	(0.969)	576176	9.93658	9.9
33 1,2-Dichloroethane	62	9.583	9.594	(0.974)	399955	12.7879	13
* 35 1,4-Difluorobenzene	114	9.834	9.839	(1.000)	852275	10.0000	
36 Trichloroethene	95	10.069	10.074	(1.024)	310283	11.0734	11
38 1,2-Dichloropropane	63	10.298	10.304	(1.047)	196341	10.2136	10(Q)
40 Bromodichloromethane	83	10.507	10.512	(1.068)	574888	11.8120	12
41 cis-1,3-Dichloropropene	75	10.864	10.869	(1.105)	336511	11.2817	11
42 Methyl Isobutyl Ketone	43	10.928	10.933	(1.111)	402353	12.8291	13
43 Toluene	92	11.110	11.115	(0.907)	372983	9.44086	9.4
44 trans-1,3-Dichloropropene	75	11.302	11.307	(1.149)	369392	12.3731	12
45 1,1,2-Trichloroethane	83	11.467	11.472	(0.936)	180271	9.35230	9.4
46 Tetrachloroethene	166	11.547	11.552	(0.943)	413562	9.54533	9.5
47 Methyl Butyl Ketone	43	11.579	11.584	(0.946)	373171	12.0577	12
48 Dibromochloromethane	129	11.798	11.803	(0.963)	533937	10.7356	11
* 50 Chlorobenzene-d5	117	12.246	12.252	(1.000)	926980	10.0000	
51 Chlorobenzene	112	12.273	12.278	(1.002)	558349	9.31196	9.3
52 Ethylbenzene	91	12.289	12.294	(1.003)	931147	10.3794	10
53 Xylene (m,p)	106	12.374	12.380	(1.010)	699736	18.3877	18
54 Xylene (o)	106	12.721	12.726	(1.039)	342953	9.12548	9.1
56 Styrene	104	12.737	12.742	(1.040)	517465	10.5946	11
57 Bromoform	173	12.983	12.993	(1.060)	543520	11.3347	11
58 1,1,2,2-Tetrachloroethane	83	13.298	13.303	(1.086)	492640	9.96282	10

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA010308LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: CA010308LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10EQD

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

% Moisture: not dec. _____ Date Analyzed: 01/03/08

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	9.1	
75-01-4	Vinyl Chloride	9.3	
74-83-9	Bromomethane	8.7	
75-00-3	Chloroethane	8.7	
75-35-4	1,1-Dichloroethene	10	
67-64-1	Acetone	12	
75-15-0	Carbon Disulfide	9.4	
75-09-2	Methylene Chloride	10	
156-60-5	trans-1,2-Dichloroethene	9.8	
75-34-3	1,1-Dichloroethane	9.9	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	9.7	
67-66-3	Chloroform	9.9	
71-55-6	1,1,1-Trichloroethane	11	
56-23-5	Carbon Tetrachloride	11	
71-43-2	Benzene	9.7	
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	9.8	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	11	
108-88-3	Toluene	9.6	
10061-02-6	trans-1,3-Dichloropropene	11	
79-00-5	1,1,2-Trichloroethane	9.3	
127-18-4	Tetrachloroethene	9.5	
591-78-6	Methyl Butyl Ketone	11	
124-48-1	Dibromochloromethane	10	
108-90-7	Chlorobenzene	9.2	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	18	
95-47-6	Xylene (o)	8.7	
100-42-5	Styrene	10	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA010308LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: CA010308LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CGC10EQD

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

% Moisture: not dec. _____ Date Analyzed: 01/03/08

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-25-2	Bromoform	10	
79-34-5	1,1,2,2-Tetrachloroethane	9.4	

FORM I VOA

Data File: /chem/C.i/Csvr.p/cgceto15.b/cgc10eqd.d

Page 3

Date : 03-JAN-2008 13:39

Client ID: CA010308LCSD

Instrument: C.i

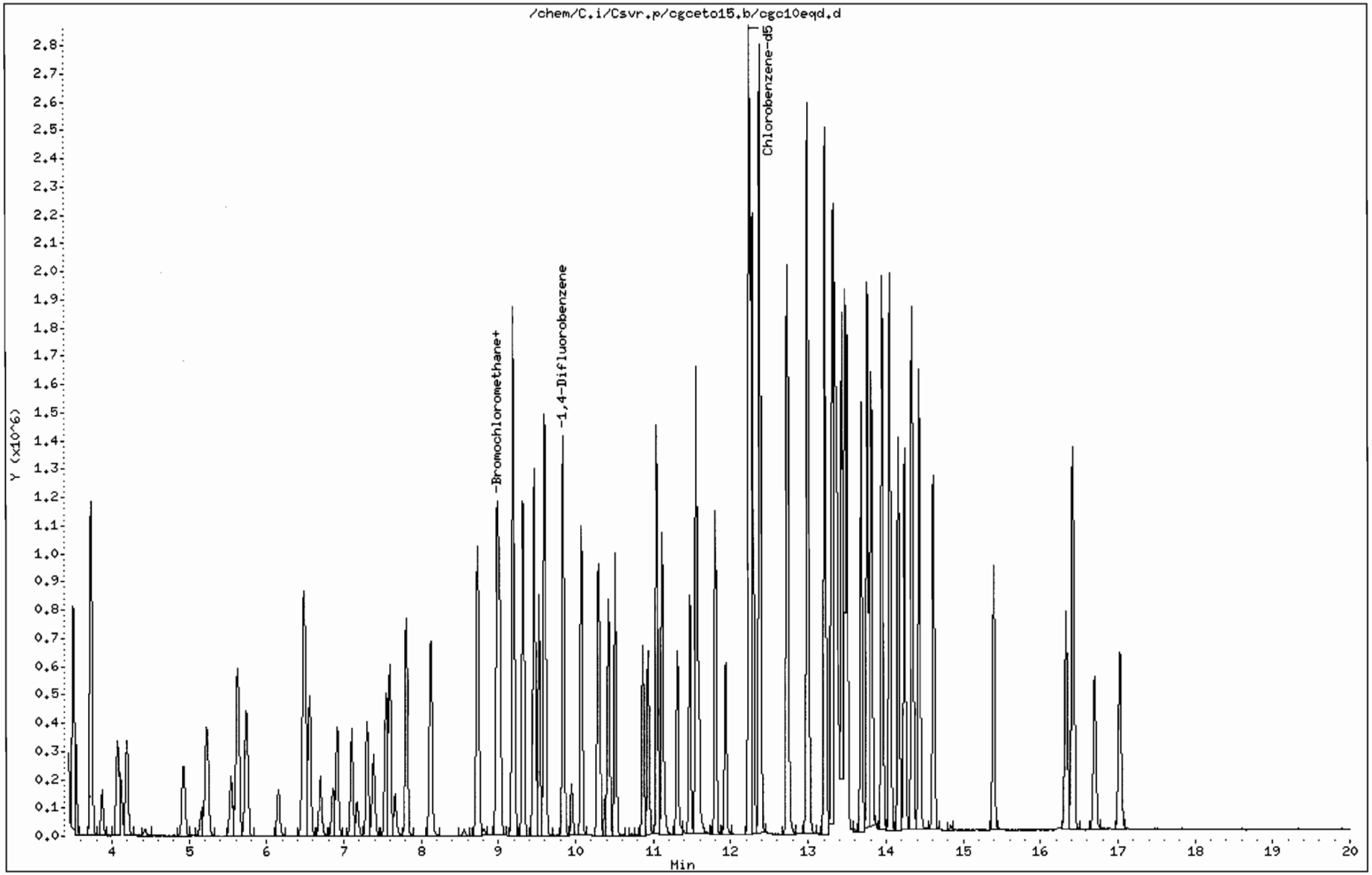
Sample Info:

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cgceto15.b/cgc10eqd.d
Lab Smp Id: CA010308LCSD Client Smp ID: CA010308LCSD
Inj Date : 03-JAN-2008 13:39
Operator : wrd Inst ID: C.i
Smp Info :
Misc Info : CA010308LCSD;010308CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cgceto15.b/rto15.m
Meth Date : 09-Jan-2008 12:58 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)	220096	9.14790	9.1
4 Vinyl Chloride	62	4.118	4.129	(0.459)	282085	9.34777	9.3
6 Bromomethane	94	4.924	4.940	(0.548)	245473	8.67687	8.7
7 Chloroethane	64	5.154	5.164	(0.574)	113898	8.68275	8.7
11 1,1-Dichloroethene	96	6.557	6.568	(0.730)	235640	9.99904	10
12 Acetone	43	6.691	6.701	(0.745)	366031	11.8796	12
14 Carbon Disulfide	76	6.915	6.925	(0.770)	685403	9.44018	9.4
16 Methylene Chloride	49	7.299	7.310	(0.813)	302896	10.1782	10
19 trans-1,2-Dichloroethene	61	7.598	7.603	(0.846)	416262	9.79514	9.8
21 1,1-Dichloroethane	63	8.126	8.131	(0.905)	513247	9.87114	9.9
23 Methyl Ethyl Ketone	72	8.724	8.734	(0.971)	100171	10.0410	10(Q)
24 cis-1,2-Dichloroethene	96	8.735	8.740	(0.973)	273233	9.68720	9.7
* 25 Bromochloromethane	128	8.980	8.985	(1.000)	278027	10.0000	
27 Chloroform	83	9.017	9.023	(1.004)	638713	9.89593	9.9
28 1,1,1-Trichloroethane	97	9.188	9.193	(0.934)	783306	10.8380	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
30 Carbon Tetrachloride	117	9.316	9.327	(0.947)	842089	10.7775	11
32 Benzene	78	9.524	9.530	(0.969)	742279	9.70461	9.7
33 1,2-Dichloroethane	62	9.588	9.594	(0.975)	461186	11.1788	11
* 35 1,4-Difluorobenzene	114	9.834	9.839	(1.000)	1124218	10.0000	
36 Trichloroethene	95	10.069	10.074	(1.024)	372197	10.0699	10
38 1,2-Dichloropropane	63	10.298	10.304	(1.047)	249308	9.83176	9.8(Q)
40 Bromodichloromethane	83	10.512	10.512	(1.069)	690858	10.7612	11
41 cis-1,3-Dichloropropene	75	10.864	10.869	(1.105)	421087	10.7023	11
42 Methyl Isobutyl Ketone	43	10.928	10.933	(1.111)	460748	11.1373	11
43 Toluene	92	11.115	11.115	(0.908)	469658	9.55496	9.6
44 trans-1,3-Dichloropropene	75	11.307	11.307	(1.150)	438052	11.1236	11
45 1,1,2-Trichloroethane	83	11.467	11.472	(0.936)	224070	9.34332	9.3
46 Tetrachloroethene	166	11.552	11.552	(0.943)	514474	9.54418	9.5
47 Methyl Butyl Ketone	43	11.584	11.584	(0.946)	438581	11.3902	11
48 Dibromochloromethane	129	11.798	11.803	(0.963)	630495	10.1892	10
* 50 Chlorobenzene-d5	117	12.246	12.252	(1.000)	1153309	10.0000	
51 Chlorobenzene	112	12.273	12.278	(1.002)	689238	9.23909	9.2
52 Ethylbenzene	91	12.289	12.294	(1.003)	1113672	9.97778	10
53 Xylene (m,p)	106	12.374	12.380	(1.010)	845149	17.8505	18
54 Xylene (o)	106	12.727	12.726	(1.039)	407579	8.71681	8.7
56 Styrene	104	12.737	12.742	(1.040)	608602	10.0153	10
57 Bromoform	173	12.988	12.993	(1.061)	619506	10.3840	10
58 1,1,2,2-Tetrachloroethane	83	13.303	13.303	(1.086)	575681	9.35749	9.4

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA010808LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: GA010808LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GBS10SQD

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

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

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	11	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	9.0	
75-00-3	Chloroethane	9.8	
75-35-4	1,1-Dichloroethene	10	
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	9.2	
75-34-3	1,1-Dichloroethane	9.3	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	9.5	
67-66-3	Chloroform	9.3	
71-55-6	1,1,1-Trichloroethane	9.2	
56-23-5	Carbon Tetrachloride	9.3	
71-43-2	Benzene	8.9	
107-06-2	1,2-Dichloroethane	9.1	
79-01-6	Trichloroethene	9.1	
78-87-5	1,2-Dichloropropane	8.9	
75-27-4	Bromodichloromethane	9.7	
10061-01-5	cis-1,3-Dichloropropene	8.9	
108-10-1	Methyl Isobutyl Ketone	9.7	
108-88-3	Toluene	8.5	
10061-02-6	trans-1,3-Dichloropropene	9.1	
79-00-5	1,1,2-Trichloroethane	8.3	
127-18-4	Tetrachloroethene	8.4	
591-78-6	Methyl Butyl Ketone	9.3	
124-48-1	Dibromochloromethane	9.5	
108-90-7	Chlorobenzene	8.4	
100-41-4	Ethylbenzene	8.7	
1330-20-7	Xylene (m,p)	18	
95-47-6	Xylene (o)	8.9	
100-42-5	Styrene	9.7	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA010808LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: GA010808LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GBS10SQD

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

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

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	9.7	
79-34-5	1,1,2,2-Tetrachloroethane	9.3	

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gbssto15.b/gbs10sqd.d

Date : 08-JAN-2008 12:33

Client ID: GA010808LCS

Sample Info:

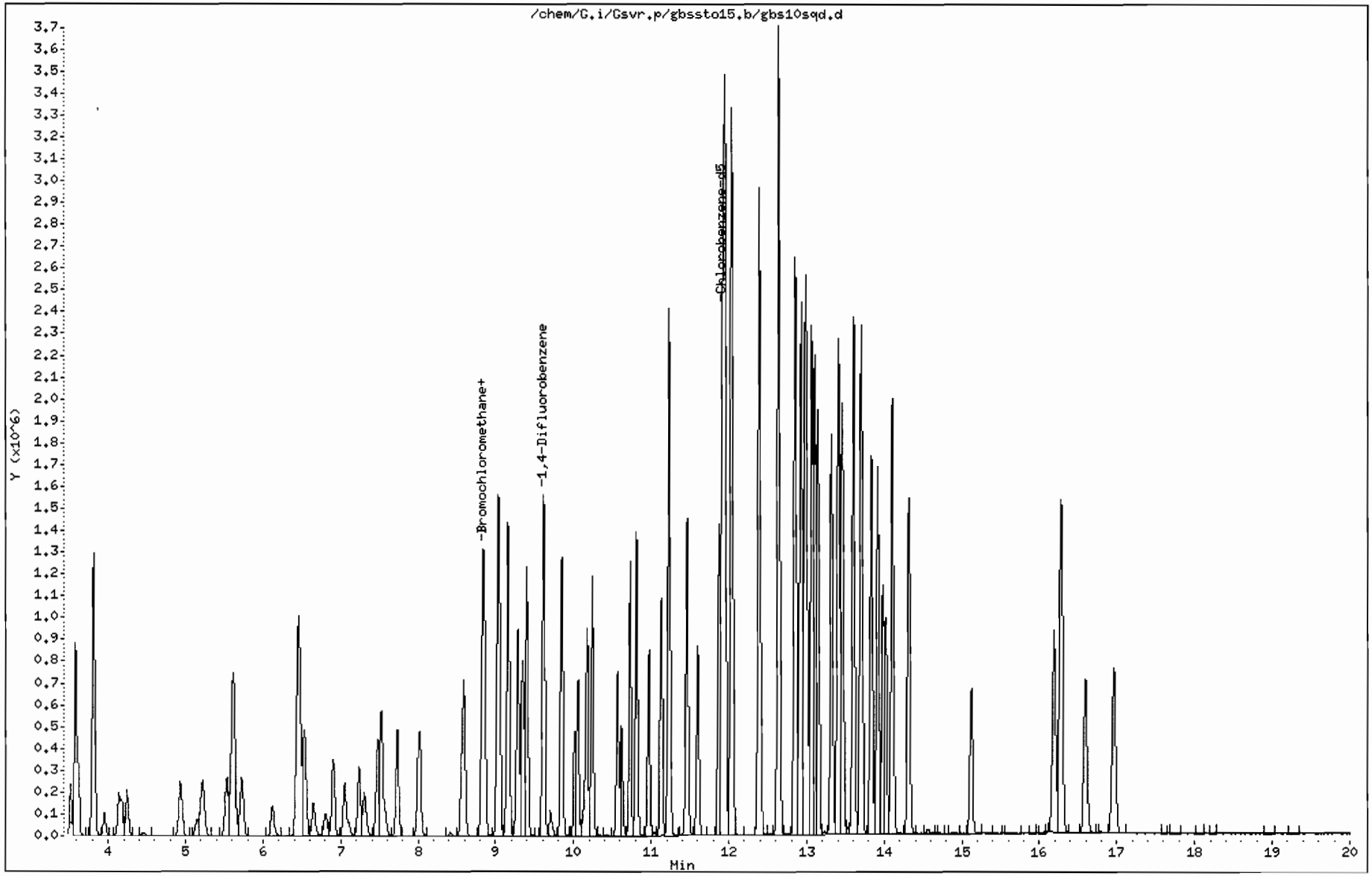
Purge Volume: 200.0

Column phase: RTX-624

Instrument: G.i

Operator: wrd

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbssto15.b/gbs10sqd.d
Lab Smp Id: GA010808LCS Client Smp ID: GA010808LCS
Inj Date : 08-JAN-2008 12:33
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : GA010808LCSD;010808GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbssto15.b/rto15.m
Meth Date : 09-Jan-2008 14:00 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 14:30 Cal File: gbs40v.d
Als bottle: 2 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	3.952	3.952	(0.448)	145560	10.7074	11
4 Vinyl Chloride	62	4.177	4.182	(0.473)	216641	10.1971	10
6 Bromomethane	94	4.937	4.947	(0.559)	279881	8.95881	9.0
7 Chloroethane	64	5.151	5.150	(0.584)	112226	9.79423	9.8
11 1,1-Dichloroethene	96	6.531	6.541	(0.740)	313658	10.0231	10
12 Acetone	43	6.648	6.664	(0.753)	287876	12.2618	12
14 Carbon Disulfide	76	6.900	6.910	(0.782)	775529	9.25843	9.3
16 Methylene Chloride	49	7.237	7.248	(0.820)	209966	9.66620	9.7
19 trans-1,2-Dichloroethene	61	7.526	7.536	(0.853)	376272	9.23443	9.2
21 1,1-Dichloroethane	63	8.023	8.034	(0.909)	480149	9.34070	9.3
23 Methyl Ethyl Ketone	72	8.574	8.590	(0.972)	100183	10.4245	10
24 cis-1,2-Dichloroethene	96	8.596	8.606	(0.974)	333596	9.47479	9.5
* 25 Bromochloromethane	128	8.826	8.842	(1.000)	299574	10.0000	
27 Chloroform	83	8.853	8.863	(1.003)	802818	9.25264	9.3
28 1,1,1-Trichloroethane	97	9.029	9.040	(0.939)	1050047	9.20531	9.2

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
30 Carbon Tetrachloride	117	9.157	9.168	(0.953)	1161192	9.26140	9.3
32 Benzene	78	9.345	9.350	(0.972)	884663	8.89986	8.9
33 1,2-Dichloroethane	62	9.387	9.398	(0.977)	538778	9.10670	9.1
* 35 1,4-Difluorobenzene	114	9.612	9.623	(1.000)	1563739	10.0000	
36 Trichloroethene	95	9.848	9.853	(1.024)	518217	9.07571	9.1
38 1,2-Dichloropropane	63	10.056	10.067	(1.046)	266756	8.88283	8.9
40 Bromodichloromethane	83	10.243	10.249	(1.066)	968924	9.70040	9.7
41 cis-1,3-Dichloropropene	75	10.570	10.575	(1.100)	544266	8.91413	8.9
42 Methyl Isobutyl Ketone	43	10.618	10.629	(1.105)	324808	9.73311	9.7
43 Toluene	92	10.811	10.821	(0.907)	745448	8.50045	8.5
44 trans-1,3-Dichloropropene	75	10.971	10.976	(1.141)	628246	9.10640	9.1
45 1,1,2-Trichloroethane	83	11.132	11.137	(0.934)	329638	8.25429	8.3
46 Tetrachloroethene	166	11.233	11.238	(0.943)	679249	8.35210	8.4
47 Methyl Butyl Ketone	43	11.228	11.238	(0.942)	325101	9.30742	9.3
48 Dibromochloromethane	129	11.463	11.468	(0.962)	1061115	9.54245	9.5
* 50 Chlorobenzene-d5	117	11.918	11.929	(1.000)	1603800	10.0000	
51 Chlorobenzene	112	11.945	11.955	(1.002)	1121594	8.43658	8.4
52 Ethylbenzene	91	11.950	11.961	(1.003)	1754935	8.66175	8.7
53 Xylene (m,p)	106	12.036	12.046	(1.010)	1286832	17.6477	18
54 Xylene (o)	106	12.383	12.394	(1.039)	619503	8.90626	8.9
56 Styrene	104	12.394	12.405	(1.040)	989200	9.68137	9.7
57 Bromoform	173	12.635	12.645	(1.060)	931480	9.65112	9.7
58 1,1,2,2-Tetrachloroethane	83	12.918	12.924	(1.084)	827811	9.29652	9.3

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA010808LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: GA010808LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GBS10SQ2

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

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

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	9.9	
74-83-9	Bromomethane	8.9	
75-00-3	Chloroethane	9.8	
75-35-4	1,1-Dichloroethene	10	
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	9.5	
75-09-2	Methylene Chloride	10	
156-60-5	trans-1,2-Dichloroethene	9.3	
75-34-3	1,1-Dichloroethane	9.3	
78-93-3	Methyl Ethyl Ketone	9.7	
156-59-2	cis-1,2-Dichloroethene	9.5	
67-66-3	Chloroform	8.9	
71-55-6	1,1,1-Trichloroethane	8.7	
56-23-5	Carbon Tetrachloride	8.7	
71-43-2	Benzene	9.0	
107-06-2	1,2-Dichloroethane	8.7	
79-01-6	Trichloroethene	9.0	
78-87-5	1,2-Dichloropropane	9.0	
75-27-4	Bromodichloromethane	9.3	
10061-01-5	cis-1,3-Dichloropropene	9.0	
108-10-1	Methyl Isobutyl Ketone	9.4	
108-88-3	Toluene	8.7	
10061-02-6	trans-1,3-Dichloropropene	8.6	
79-00-5	1,1,2-Trichloroethane	8.5	
127-18-4	Tetrachloroethene	8.6	
591-78-6	Methyl Butyl Ketone	9.5	
124-48-1	Dibromochloromethane	9.5	
108-90-7	Chlorobenzene	8.5	
100-41-4	Ethylbenzene	8.2	
1330-20-7	Xylene (m,p)	16	
95-47-6	Xylene (o)	8.2	
100-42-5	Styrene	9.1	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA010808LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: GA010808LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GBS10SQ2

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

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

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	9.2	
79-34-5	1,1,2,2-Tetrachloroethane	8.5	

FORM I VOA

Data File: /chem/G.i/Gsvr.p/gbssto15.b/gbs10sq2.d

Page 3

Date : 08-JAN-2008 13:25

Client ID: GA010808LCSD

Instrument: G.i

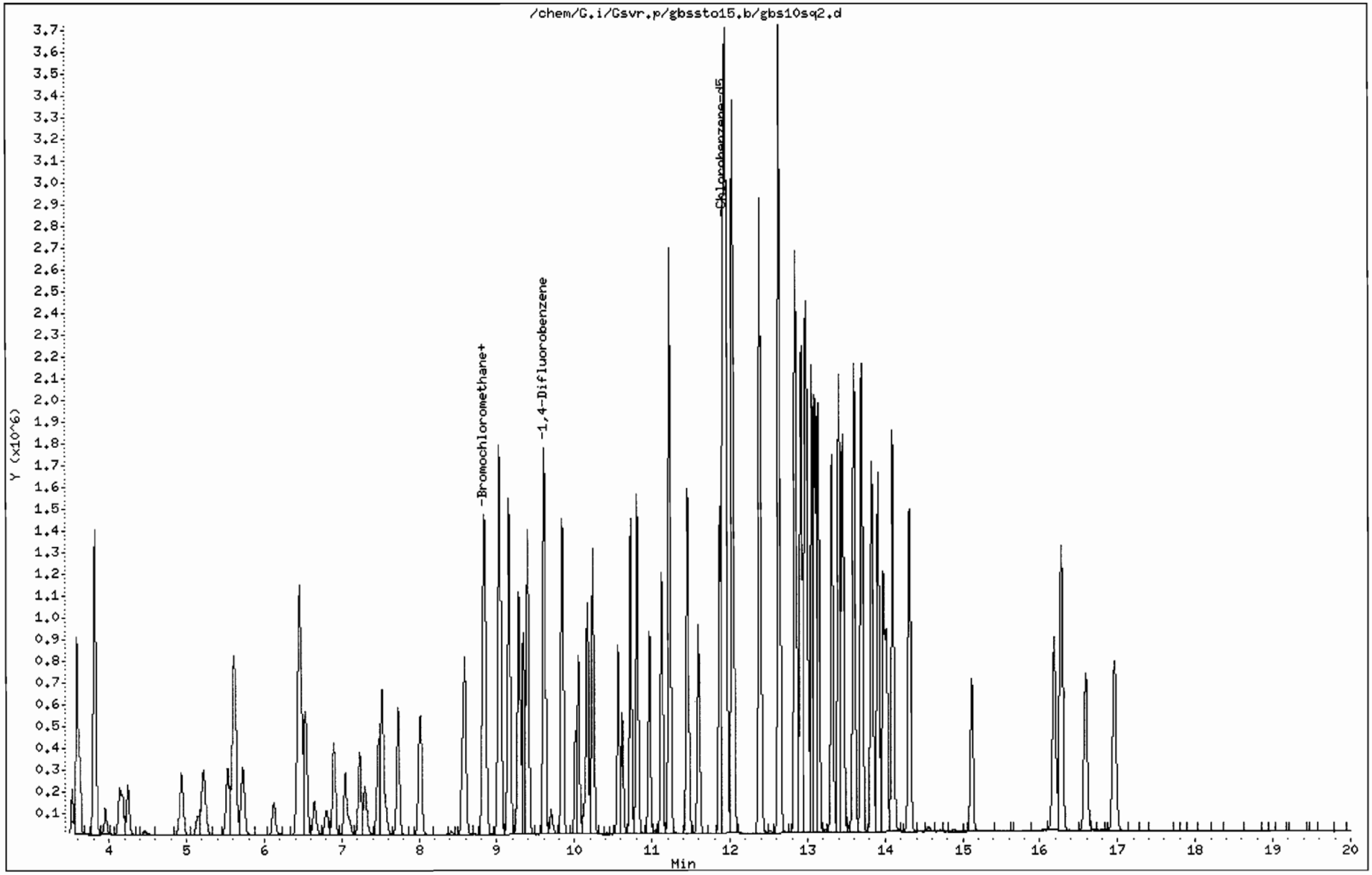
Sample Info:

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gbssto15.b/gbs10sq2.d
Lab Smp Id: GA010808LCSD Client Smp ID: GA010808LCSD
Inj Date : 08-JAN-2008 13:25
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : GA010808LCS;010808GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gbssto15.b/rto15.m
Meth Date : 09-Jan-2008 14:00 sv Quant Type: ISTD
Cal Date : 11-DEC-2007 14:30 Cal File: gbs40v.d
Als bottle: 2 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	3.952	3.952	(0.448)	159936	10.0648	10
4 Vinyl Chloride	62	4.177	4.182	(0.473)	245125	9.87053	9.9
6 Bromomethane	94	4.937	4.947	(0.559)	323728	8.86495	8.9
7 Chloroethane	64	5.151	5.150	(0.584)	130830	9.76794	9.8
11 1,1-Dichloroethene	96	6.531	6.541	(0.740)	373735	10.2171	10
12 Acetone	43	6.648	6.664	(0.753)	295545	10.7694	11
14 Carbon Disulfide	76	6.900	6.910	(0.782)	934258	9.54169	9.5
16 Methylene Chloride	49	7.237	7.248	(0.820)	256847	10.1158	10
19 trans-1,2-Dichloroethene	61	7.520	7.536	(0.852)	444988	9.34277	9.3
21 1,1-Dichloroethane	63	8.023	8.034	(0.909)	560650	9.33070	9.3
23 Methyl Ethyl Ketone	72	8.574	8.590	(0.972)	109024	9.70514	9.7
24 cis-1,2-Dichloroethene	96	8.590	8.606	(0.973)	392886	9.54628	9.5
* 25 Bromochloromethane	128	8.826	8.842	(1.000)	350175	10.0000	
27 Chloroform	83	8.853	8.863	(1.003)	905583	8.92886	8.9
28 1,1,1-Trichloroethane	97	9.029	9.040	(0.939)	1156267	8.73605	8.7

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
30 Carbon Tetrachloride	117	9.157	9.168	(0.953)	1260981	8.66779	8.7
32 Benzene	78	9.339	9.350	(0.972)	1039824	9.01556	9.0
33 1,2-Dichloroethane	62	9.382	9.398	(0.976)	595280	8.67161	8.7
* 35 1,4-Difluorobenzene	114	9.612	9.623	(1.000)	1814416	10.0000	
36 Trichloroethene	95	9.842	9.853	(1.024)	596133	8.99786	9.0
38 1,2-Dichloropropane	63	10.051	10.067	(1.046)	314555	9.02737	9.0
40 Bromodichloromethane	83	10.238	10.249	(1.065)	1081749	9.33370	9.3
41 cis-1,3-Dichloropropene	75	10.564	10.575	(1.099)	634176	8.95169	9.0
42 Methyl Isobutyl Ketone	43	10.618	10.629	(1.105)	363247	9.38111	9.4
43 Toluene	92	10.811	10.821	(0.907)	836862	8.74661	8.7
44 trans-1,3-Dichloropropene	75	10.966	10.976	(1.141)	690290	8.62335	8.6
45 1,1,2-Trichloroethane	83	11.126	11.137	(0.934)	369562	8.48186	8.5
46 Tetrachloroethene	166	11.228	11.238	(0.942)	762661	8.59527	8.6
47 Methyl Butyl Ketone	43	11.228	11.238	(0.942)	363519	9.53892	9.5
48 Dibromochloromethane	129	11.458	11.468	(0.961)	1154386	9.51501	9.5
* 50 Chlorobenzene-d5	117	11.918	11.929	(1.000)	1749803	10.0000	
51 Chlorobenzene	112	11.939	11.955	(1.002)	1236394	8.52410	8.5
52 Ethylbenzene	91	11.950	11.961	(1.003)	1809051	8.18382	8.2
53 Xylene (m,p)	106	12.036	12.046	(1.010)	1310197	16.4689	16
54 Xylene (o)	106	12.383	12.394	(1.039)	621243	8.18605	8.2
56 Styrene	104	12.394	12.405	(1.040)	1012666	9.08406	9.1
57 Bromoform	173	12.635	12.645	(1.060)	967446	9.18739	9.2
58 1,1,2,2-Tetrachloroethane	83	12.913	12.924	(1.083)	822599	8.46717	8.5

Sample Preparation – TO-15 Volatile

TestAmerica Burlington - Manual Integration Summary
SDG: 123559

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	
736423	71220VP-01V2.5	SAMPLE		C RTX-624	04-JAN-2008 00:36	736423D
	9.588	1,2-Dichloroethane			MI3 - Mis-identification of peak	
736426	71220VP-05V2N	SAMPLE		C RTX-624	04-JAN-2008 03:58	736426D
	9.588	1,2-Dichloroethane			MI2 - Peak missed	

TestAmerica Burlington - Manual Integration Summary
SDG: 123559

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	
ASTD0002	ASTD0002	INIT. CALIB.	G	RTX-624	11-DEC-2007 09:30	GBS002V
	8.034	1,1-Dichloroethane			MI2 - Peak missed	
	10.067	1,2-Dichloropropane			MI2 - Peak missed	
736424	71220VP-09V2N	SAMPLE	G	RTX-624	09-JAN-2008 07:44	736424D4
	8.852	Chloroform			MI2 - Peak missed	
	9.382	1,2-Dichloroethane			MI3 - Mis-identification of peak	

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 Strake (URS)	**Samples Collected By:** JT Bodge, R. Crispin	NA of NA COCs
Company: URS Corporation	Phone:		
Address: 335 Commerce Dr	Email: emily-strake@urscorp.com		
City/State/Zip Ft. Washington			
Phone: 215.367.2500	Site Contact: Carl Coker		
FAX: 215.367.1000	STL Contact: Tom Tanno / Ben Dowicki		
Project Name: Rohm+Haas Phila	**Analysis Turnaround Time**		
Site: R&H 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)
20071220VP-02V3@N	12-20	0820	1020	30	10		4087						X				X		
20071220VP-03V3@N	↓	0802	0949	30	2		2964						↓				↓		
20071220VP-04V3@N	↓	0747	0947	29	1		3320						↓				↓		
20071220VP-01V2.5@N	↓	1017	1217	29	3		4019						↓				↓		
20071220VP-09V2@N	↓	1027	1210	28	3		4477						↓				↓		
20071220VP-06V1.5@N	↓	1051	1251	29	4		4088						↓				↓		

Temperature (Fahrenheit)

	Interior	Ambient	
Start		35	
Stop		42	

Pressure (inches of Hg)

	Interior	Ambient	
Start		30.00	
Stop		30.01	

Special Instructions/QC Requirements & Comments: Analysis TCL/VOCs + Helium
This is an attachment to the COC shipped with samples on 12-20-2007.

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

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

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: Emily Stroke (URS)	Samples Collected By: JJ Bridge, R. Cuiano	NA of NA 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 Coker		
FAX: 215.367.1000	STL Contact: Tom Tomec / Dan Dziubka		
Project Name: Rohm Haas Phila	Analysis Turnaround Time		
Site: R&H Phila	Standard (Specify)		
PO # 4511173151 / Work #4600985-1	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)
20071220VP-05V2@N	12-20	1256	1538	28	2		[redacted]						X				X		
20071220VP-12V1.5@N	↓	1255	1504	30	3		3521						↓				↓		
20071220VP-13V1.5@N		1344	1519	28	1		4159												

Temperature (Fahrenheit)	Interior	Ambient
Start		35
Stop		42

Pressure (inches of Hg)	Interior	Ambient
Start		30.00
Stop		30.01

Special Instructions/QC Requirements & Comments: @ Analysis TCL VOCs / Helium
This is an attachment to the COC shipped with samples on 12-20-2007.

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

Lab Use Only Shipper Name: Opened by: Condition:

TestAmerica Burlington Regular Level TO-15 Compound List with Reporting Limits

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

SUMMA Canister Dilution Spreadsheet

Page: 1 of 1

Client: ROHHAA
ETR: 123559

Analyst: njr
Date: 01/04/07

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
736422	0	=	1.00	2.70	39.9	=	3.71	10.03	3.71
		=	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
		=	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

11800

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

SUMMA Canister Dilution Spreadsheet

Client: ROHHAA
ETR: 123559

Page: 3 of 3
Analyst: njr
Date: 01/03/08

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor	
736420e	0	=	1.00	2.70	40	=	3.72	10.05	3.72	
736420f	0	=	1.00	2.70	39.8	=	3.71	10.01	3.71	4170 ✓
736420g	0	=	1.00	2.70	40	=	3.72	10.05	3.72	
		=	1.00	2.70		=	1.00	2.70	1.00	
736421e	0	=	1.00	2.70	39.8	=	3.71	10.01	3.71	
736421f	0	=	1.00	2.70	39.9	=	3.71	10.03	3.71	See below
736421g	0	=	1.00	2.70	40	=	3.72	10.05	3.72	
		=	1.00	2.70		=	1.00	2.70	1.00	
736422b	0	=	1.00	2.70	39.9	=	3.71	10.03	3.71	
736422c	0	=	1.00	2.70	40	=	3.72	10.05	3.72	See below
736422d	0	=	1.00	2.70	40	=	3.72	10.05	3.72	
		=	1.00	2.70		=	1.00	2.70	1.00	
736423b	0	=	1.00	2.70	40	=	3.72	10.05	3.72	
736423c	0	=	1.00	2.70	39.9	=	3.71	10.03	3.71	67
736423d	0	=	1.00	2.70	39.9	=	3.71	10.03	3.71	
		=	1.00	2.70		=	1.00	2.70	1.00	
736421h	0	=	1.00	2.70	39.9	=	3.71	10.03	3.71	11,995 ✓
		=	1.00	2.70		=	1.00	2.70	1.00	
736422e	0	=	1.00	2.70	39.8	=	3.71	10.01	3.71	
736422f	0	=	1.00	2.70	40	=	3.72	10.05	3.72	~~3189~~
736422g		=	1.00	2.70	40	=	1.00	2.70	~~1.00~~ 3.72	
		=	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: ROHHAA
ETR: 123559

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
736420	-7.5	=	0.75	2.02	3.1	=	1.21	3.27	1.62
736421	-1.2	=	0.96	2.59	3	=	1.20	3.25	1.25
736422	0	=	1.00	2.70	3.1	=	1.21	3.27	1.21
736423	-2.8	=	0.91	2.45	3.1	=	1.21	3.27	1.34
736424	-2.6	=	0.91	2.47	3.1	=	1.21	3.27	1.33
736425	-2.6	=	0.91	2.47	3.1	=	1.21	3.27	1.33
736426	-3.7	=	0.88	2.37	3.2	=	1.22	3.29	1.39
736427	-2.1	=	0.93	2.51	3.2	=	1.22	3.29	1.31
		=	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

Page: 1 of 1
Client: ROHHAA
Analyst: WRD
ETR: 123559
Date: 01/07/08

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
736425c	0	=	1.00	2.70	39.4	=	3.68	9.94	3.68
		=	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
		=	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

18.1

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

Page: 1 of 1

Client: ROHHAA
ETR: 123559

Analyst: PAD
Date: JAN 3 2008

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
736425	0	=	1.00	2.70	39.9	=	3.71	10.03	3.71
		=	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
		=	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

4.93

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: ROHHAA
ETR: 123559

Page: _____ of _____
Analyst: njr
Date: 01/03/08

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
736420b	0	=	1.00	2.70	39.6	=	3.69	9.97	3.69
736420c	0	=	1.00	2.70	39.4	=	3.68	9.94	3.68
736420d	0	=	1.00	2.70	39.6	=	3.69	9.97	3.69
		=	1.00	2.70		=	1.00	2.70	1.00
736421b	0	=	1.00	2.70	39.6	=	3.69	9.97	3.69
736421c	0	=	1.00	2.70	39.6	=	3.69	9.97	3.69
736421d	0	=	1.00	2.70	39.8	=	3.71	10.01	3.71
		=	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

TDF 81.2

63.1

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

Air Canister Post-Sampling Pressure Check Record

Project Information			
Client: RoHHAA			
ETR: 123559		SDG: 123559	
Date: 12/22/07			
Analyst: JHZ			

Lab ID	CAN ID	Pressure ("Hg) Initial[1]	Final[2]	NCR[3]	FC ID	Certification Batch	Comments
736420	4087	-29.9	-7.1		4185	4574 BGIF	
736421	2964		0.0	2	3953	2964 BGRC	FC @ 45.5 (2hr)
736422	3320		0.0	2	3168	4574 BGIF	FC @ 45.6 (2hr)
736423	4019		-2.7		2923	4019 BGIF	
736424	4477		-2.2		4051	4574 BGIF	
736425	4088		-2.3		2668	2511 CGBB	
736426	2512	-29.5	-3.3		4191	3555 CGBB	
736427	3521	-29.5	-1.7		4212	3555 CGBB	

JHZ 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: gbroto15

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	
ASTD0002	ASTD0002	INIT. CALIB.		G RTX-624	11-DEC-2007 09:30	GBS002V
	8.034	1,1-Dichloroethane		SV 12/12/2007	MI2 - Peak missed	
	10.067	1,2-Dichloropropane			MI2 - Peak missed	

KLP 12/12/07

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

SW 01/02/08

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 # AT11070203	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	~~CGB~~ CGC01PV	BFB			NA	NA	PAD			PAD	
1458	CGC002V	Level 1		200	3	1		✓	✓	WW	AT11010702
1546	CGC005V	Level 2		200	4	1		✓	✓		03
1639	CGC05V	Level 3		200	1	1		✓	✓		05
1730	CGC10V	Level 5		200	2	1		✓	✓		08
1821	CGC15V	Level 6		200	5	1		✓	✓		04
1912	CGC20V	Level 7		200	6	1		✓	✓		AT10310702
2002	CGC40V	Level 8		200	7	1		✓	✓	✓	01
0840	CGCB01			200	8		WW				
1002 ~~0931~~	CGC10Q			200	9						
1104 ~~1002~~	CGC10QD	ICV		200	9			✓	✓	WW	
0931 ~~1104~~	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:	CGCE	CAL STD Lot #	AT121HU008	Instrument ID: C		☑ Tune STD	☐ RF Summary
Test Method:	TO15	ISTD Lot #:	AT020005D9	Instrument: 5973		☐ Internal Standard Response	
ICAL Date:	12/26/07	ICV / LCS Lot #	AT121HU002	Column Type: RTX-624		☐ RT & Ratios Updated	
Start Date:	1/3/07	Time: 0919				Room Temp 22 °C	
End Date:	1/4/07	Time: 0919				Barometric Pressure 30.1 "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	
0919	CGC06PV	BFB	NA			NA	WRP			WRP WJR	
1012	CGC10EV			200	2						
1108	CGC10EV2	CCV		200	2			✓	✓		4T
~~1146~~ 1157	CGC10IE			200	1						
1248	CGC10EG	LCS		200	2			✓	✓		all good
1334	CGC10EQD	LCSD		200	2			✓	✓		
1430	CGC10B02	MBLK		200	1			✓	✓		
1516	735865D3	4318	123480	28	3	66,600		✓	✓		CDF 9330
1607	735869I2	3473	123481	50	4	4	PAD	✓	✓		C
1658	735871I2	3271		200	5	1		✓	✓		C
1748	735872	4135		200	6	1		✓	✓		C
1834	735873	2673		200	7	1		✓	✓		C
1930	735874D	2733		200	8	+51.1		✓	↓		cdf 51.1 R
2021	735875D	2959		67	9	3		↓	✓		RD 1:3
2112	736773I2	4431	123602	200	10	1		↓	✓		R
2203	736420D~~8~~	4067	123559	10	11	83400	PAD	✓	✓		cdf 4170 C
2254 ~~2344~~	736421D~~8~~	2964		26	12	92300		✓	↓		cdf 12000 RD 50,000
2345	3707	NA		1000	13	.2		✓	✓		C
0036	736423D~~8~~	4019	123559	69	14	199		✓	✓		cdf 68.6 ~~RD~~ C
0126	736424D	4477		13	15	20.5		↑	↑		cdf 1.33 RD 28
0217	3885	NA	NA	1000	16	.2		↑	✓		R
0307	736425D	4088	123559	12	1	82.2		✓	↑		cdf 4.93 RD 290
0358	736426D	2512		56	2	4.96		✓	✓		cdf 1.39 C
0449	3014	NA	NA	1000	3	.2		↑	✓		R
0539	736427D	3521	123559	26	4	10.1		✓	✓		cdf 1.31 C
0629	736429D			13	5	15.4		✓	✓		C
0720	~~736433~~ 3328	NA	NA	1000	6	.2		✓	✓		C
0811	~~736434D~~ 736875D2	2959	123481	~~14~~ 67	9	~~2230~~ 3	WRP	~~✓~~ ✓	✓		~~cdf 158~~ C

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

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability		Instrument Information	Instrument Performance Checks	
Batch ID:	GBS	CAL STD Lot #	1	Instrument ID: G	☑ Tune STD	☐ RF Summary
Test Method:	TO15	ISTD Lot #:	AT020606	Instrument: 5973	☐ Internal Standard Response	
ICAL Date:	12/11/07	ICV / LCS Lot #	AT110707 02	Column Type: RTX-624	☐ RT & Ratios Updated	
Start Date:	12/12/07 Time: 0831				Room Temp 22 °C	
End Date:	12/12/07 Time: 0831				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	
0831	GBK16PV	BFB			NA	NA	WMD			WMD	
0930	GBS002V	Level 1		200	3			✓	✓		AT110707 02
1020	GBS005V	Level 2		200	4			✓	✓		01
1110	GBS05V	Level 4		200	1			✓	✓		05
1200	GBS10V	Level 5		200	2			✓	✓		09
1250	GBS15V	Level 6		200	5			✓	✓		04
1340	GBS20V	Level 7		200	6			✓	✓		AT 103107 02
1430	GBS40V	Level 8		200	7			✓	✓		01
1531	GBSBQ1	BLK		200	8			✓	↑	PAD	
1621	GBS10Q	LCS		200	9			✓	✓		
1711	GBS10QD	LCSD		200	9			✓	✓		3↑
1801	GBSB02	MBLK		200	8			✓	✓		
1852	734602E2	3817	123326	20	10	10		✓	✓	WMD	C
1942	734603E2	4648	↓	20	11	10		✓	✓		C
2032	734819	4234	123353	200	12	1		✓	✓		C
2122	734820	4170		200	13	1		✓	✓		C
2212	734821	3280		200	14	1		✓	✓		C
2302	734822	3208	↓	200	15	1		✓	✓		C
2353	734711	4549	123342	200	16	1		✓	✓		C
0043	734712	2710	123343	200	1	1		✓	✓		C
0133	734713	4165		200	2	1		✓	✓		C
0223	734714	3154		200	3	1		✓	✓		C
0314	734715	4580		200	4	1		✓	✓		C
0404	734716	2691		200	5	1		✓	✓		C
0454	734717	2736		200	6	1		✓	✓		C
0544	734718	3429		200	7	1		✓	✓		C
0635	734719	4435		200	8	1	PAD	✓	✓		C
0725	734720	2681	—	200	9	1	↓	✓	✓	↓	C

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

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GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability	Instrument Information	Instrument Performance Checks	
Batch ID: GBS		CAL STD Lot #	Instrument ID: G	☑ Tune STD	☐ RF Summary
Test Method: TO15		ISTD Lot #: AT020606	Instrument: 5973	☐ Internal Standard Response	
ICAL Date: 12/11/07		ICV / LCS Lot #	Column Type: RTX-624	☐ RT & Ratios Updated	
Start Date: 12/12/07	Time: 831			Room Temp 22 °C	
End Date: 12/13/07	Time: 831			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	
0816	734721	3246	123343	200	10	1	PAD	✓	✓	[illegible]	C

12/13/07

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: GBSR		CAL STD Lot #	AT1101079	Instrument ID: G	☑ Tune STD	☐ RF Summary
Test Method: T015		ISTD Lot #:	AT020600	Instrument: 5973	☐ Internal Standard Response	
ICAL Date: 121107		ICV / LCS Lot #	AT12180702	Column Type: RTX-624	☐ RT & Ratios Updated	
Start Date: 1/7/08	Time: 922				Room Temp 22 °C	
End Date: 1/8/08	Time: 922				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	
922	GBS23PV	BFB	NA			NA	WRD			WRD/PAD	
1013	GBS10RV	CCV		200	1			✓	✓		1%
1101	GBS10RQ			200	2			✓	↓		AT12180701 Bad [illegible]
1151	GBS10RQD			200	2			↑	↓		↓ ↓
1248	GBSB01R			200	3			✓	✓		
1338	GBS10RQ2	LCS		200	2			✓	✓		
1427	GBS10RQ3			200	2						
1518	GBSB02R			200	3						
1608	GBS10RQ4	LCSD		200	2			✓	✓		
1702	GBSB03R	MBLK		200	3			✓	✓		
1756	737257D	Bag	123668	67	4	3		✓	✓ ↓	PAD	R 1:1
1847	737258D			67	5	3		✓	↓	NTR	R 1:1.5
1938	737259D			100	6	2		✓	↓		R 1:1.0
2029	737260D			133	7	1.5		✓	↓		R 1:1
2120	737261	↓	↓	200	8	1		✓	↓ ✓		C
2210	737266	Bag	123671	200	9	1		✓	↓ ✓		C
2301	735874D2	2733	123481	500	10	20.4		✓	↓ ✓		CDF 1.1 C
2351	736193D3	4357	123527	13	11	154		✓	✓		CDF 10.0
0042	736194D3	4333		149	12	49.9		↓	✓		37.2
0132	736195D3	3349	↓	20	13	99.7		↓	↑		9.97
0223	736421D2	2964	123559	43	14	55800		↓	✓		11995 R
0314	736422D	3320		19	15	124000		↓	↓		11,800 R @ ~62,000
0405	736424D2	4477		10	16	26.6		↓	✓		1.33
0456	736425D2	4088		10	1	362		↓	✓		18.1
0549	3333	NA	NA	1000	2	.2	PAD	↓	✓		R
06:42	3885			1000	3	.2		✓	✓		C
0735	3014			1000	4	.2		✓	✓		C
	3628			1000	5	.2					

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: GBSS		CAL STD Lot # AT11010709	Instrument ID: G	☑ Tune STD ☐ RF Summary
Test Method: TO-15		ISTD Lot #: AT020806	Instrument: 5973	☐ Internal Standard Response
ICAL Date: 12/11/07		ICV / LCS Lot # AT12180704/AT12180702	Column Type: RTX-624	☐ RT & Ratios Updated
Start Date: 01/08/08	Time: 10:04			Room Temp 22 °C
End Date: 01/09/08	Time: 10:04			Barometric Pressure 29.6 "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	
10:04	GBS24PV	BFB	NA	20	0	NA	NJR		✓	NJR	
10:36	GBS10SV	CCV		200	1						1 ↑
11:46	GBS10SQ	0.2ppb			2						0.2ppb
12:33	GBS10SQD	LCS			2			✓	✓		All Good
13:25	GBS10SQ2	LCSD	1		2			✓	✓		1
* 1416	GBSB01S				3			✓	↑		Acetone Bad Can
1715	736421D3	2964	123559	43	1	55800		✓	✓		Cdf 11995 C
1806	736422D2	3320		38	4	62100		✓	✓		11800 C
1857	736424D3	4477		10	5	26.6		↑	✓		1.33 R
1947	736425D3	4088		10	6	362		✓	✓		18.1 C
2038	737257i	Bags	123668	200	7	1		✓	✓		C
2129	737258D2			133	8	1.5		✓	✓		C
2220	737259i			200	9	1		✓	✓		C
2311	737260i			200	10	1		✓	✓		C
00:02	736921	2798	123625		11	1		↑	✓		R
0052	736922	3408			12	1		✓	✓		RC
0143	736923	3702			13	1		✓	✓		C
0234	736924	3389			14	1		✓	✓		C
0325	736932	4015			15	1		✓	✓		C
0416	736933	2919			16	1		✓	✓		C
0508	2705	NA	NA	1000	2	0.2		✓	✓		C
0602	3400	NA	NA		3	0.2		✓	✓		C
* 1540	GBSB02			200	3	1		✓	↑		
10:35	GBSB03	MBLK	NA		3	1		✓	✓	PAD	All Good
	~~736194I2~~			~~40~~	~~4~~	~~49.950~~					~~cdf 10.0~~ NJR
~~0653~~	~~736195I2D4~~			~~12~~	~~5~~	~~166~~					~~cdf 9.97~~ 01/09/08
0653	736921i	2798	123625	200	11	1	NJR	✓	✓	NJR	C
0744	736424D4	4477	123559	10	01	26.6	↓	✓	✓	NJR	Cdf 1.33 C

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

NJR 01/09/08 * Sequence GBSB02,3 were run before samples, see times for injection

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.: 123559

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.

MBLKC122607A

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

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	20071220VP-0	736420	26DEC071620-	1621
03	20071220VP-0	736421	26DEC071657-	1658
04	20071220VP-0	736422	26DEC071657-	1742
05	20071220VP-0	736423	26DEC071657-	1800
06	20071220VP-0	736424	26DEC071657-	1814
07	20071220VP-0	736425	26DEC071657-	1824
08	20071220VP-0	736426	26DEC071657-	1835
09	20071220VP-1	736427	26DEC071657-	1858
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
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.: 123559

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	20071220VP-0	736420	12/26/07	1621		
10	20071220VP-0	736421	12/26/07	1658		
11	20071220VP-0	736422	12/26/07	1742		
12	20071220VP-0	736423	12/26/07	1800		
13	20071220VP-0	736424	12/26/07	1814		
14	20071220VP-0	736425	12/26/07	1824		
15	20071220VP-0	736426	12/26/07	1835		
16	20071220VP-1	736427	12/26/07	1858		
17	CCV	CCV	12/26/07	1929		
18						
19						
20						
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.

20071220V
P-01V2.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736423

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071657-R031

Level: (low/med) LOW Date Received: 12/21/07

% 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)

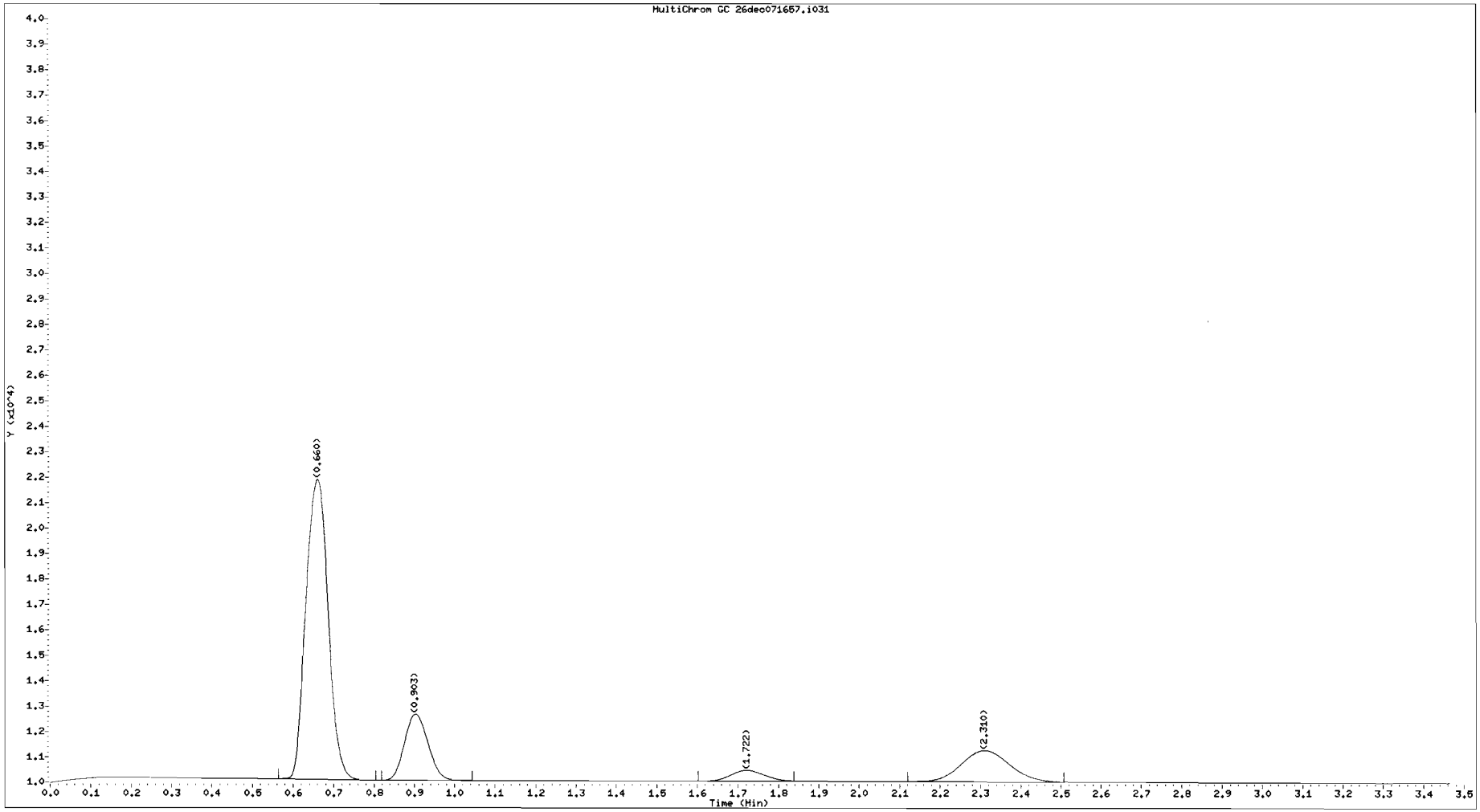
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736423	Client Sample ID: 20071220VP-01V2.5 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 18:00
Instrument	: 2866_2.i	Dilution Factor	: 1.34
Column	: CTR-1	Data File	: 26dec071657-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:29 sv		



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TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736423	Client Sample ID: 20071220VP-01V2.5 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 18:00
Instrument	: 2866_2.i	Dilution Factor	: 1.34
Column	: CTR-1	Data File	: 26dec071657-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:29 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.660			680233	11787			
2	0.903			161275	2619		M	
3	1.722			37368	431			
4	2.310			157931	1247			

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.

20071220
VP-02V3 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736420

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071620-R011

Level: (low/med) LOW Date Received: 12/21/07

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

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.6

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

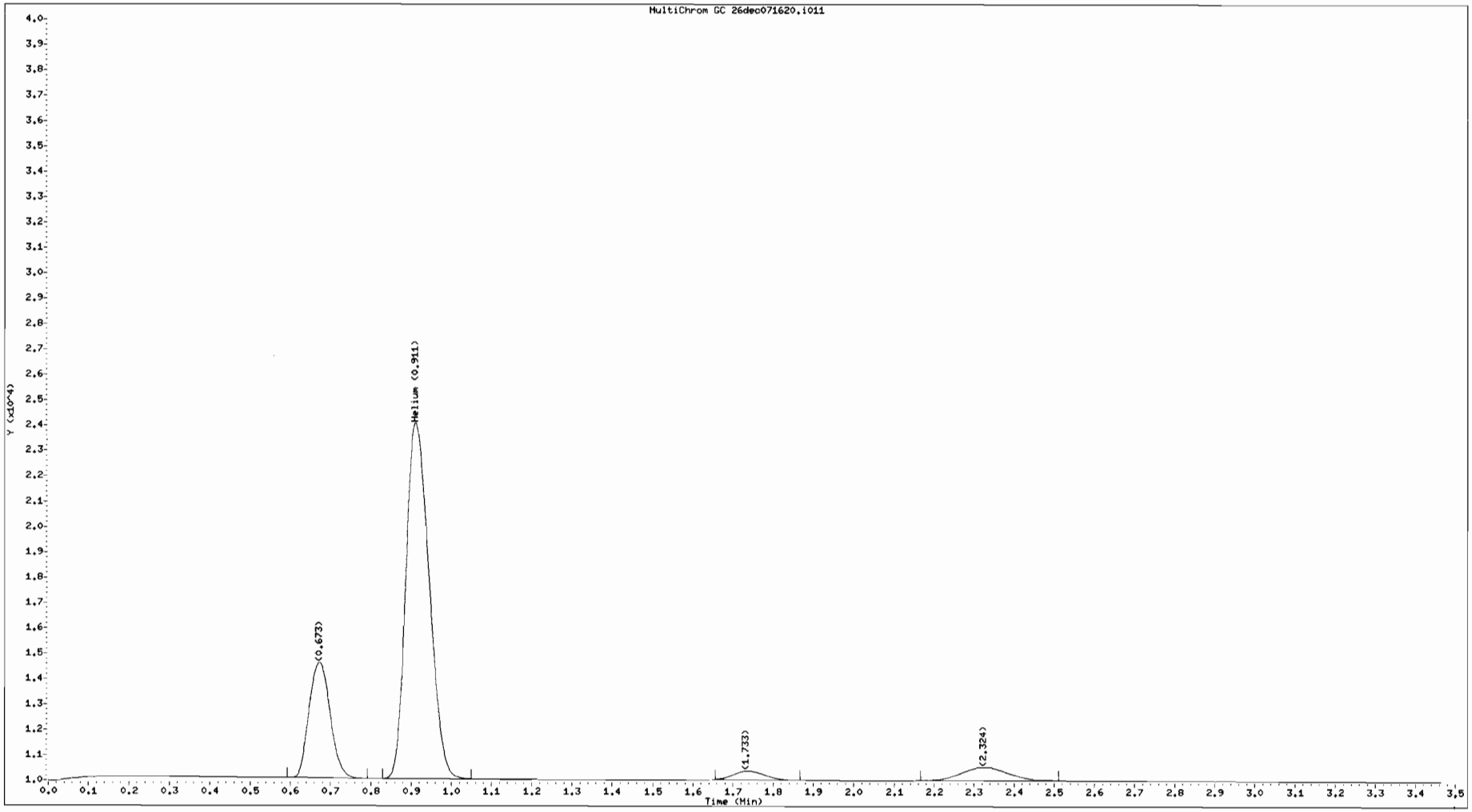
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	7.5	

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736420	Client Sample ID: 20071220VP-02V3 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 16:21
Instrument	: 2866_2.i	Dilution Factor	: 1.62
Column	: CTR-1	Data File	: 26dec071620-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:29 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736420	Client Sample ID: 20071220VP-02V3 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 16:21
Instrument	: 2866_2.i	Dilution Factor	: 1.62
Column	: CTR-1	Data File	: 26dec071620-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:29 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.673			252877	4546			
2	0.911	0.930	-0.020	849313	14033	4.63988540	M	Helium
3	1.733			29795	360			
4	2.324			64623	523			

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
0.911	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071220
VP-03V3 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736421

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071657-R011

Level: (low/med) LOW Date Received: 12/21/07

% 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)

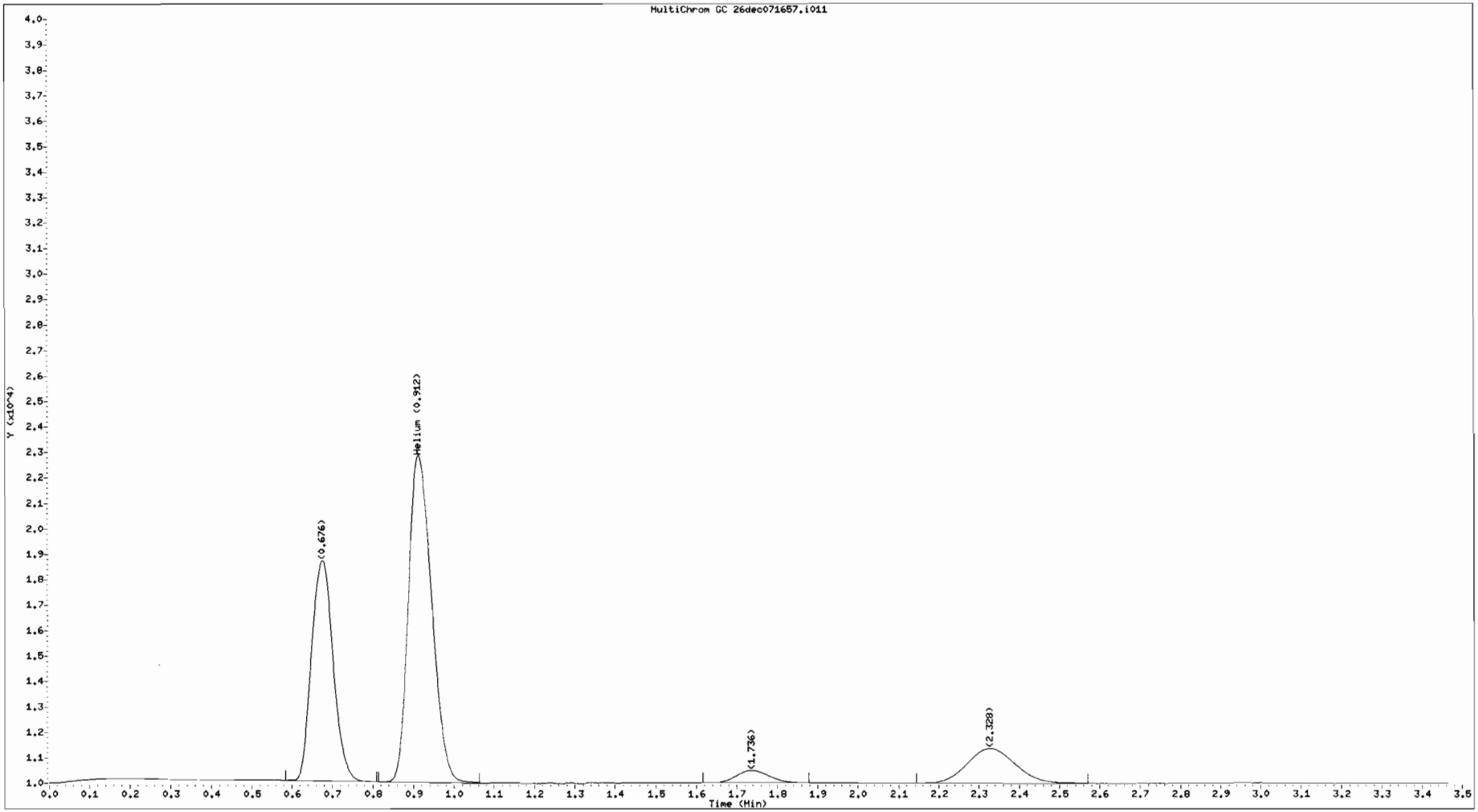
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	5.3	

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736421	Client Sample ID: 20071220VP-03V3 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 16:58
Instrument	: 2866_2.i	Dilution Factor	: 1.25
Column	: CTR-1	Data File	: 26dec071657-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:29 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736421	Client Sample ID: 20071220VP-03V3 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 16:58
Instrument	: 2866_2.i	Dilution Factor	: 1.25
Column	: CTR-1	Data File	: 26dec071657-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:29 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.676			490619	8656			
2	0.912	0.930	-0.018	774401	12858	4.23063334	M	Helium
3	1.736			42044	490			
4	2.328			171847	1367			

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
0.912	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071220
VP-04V3 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736422

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071657-R021

Level: (low/med) LOW Date Received: 12/21/07

% 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)

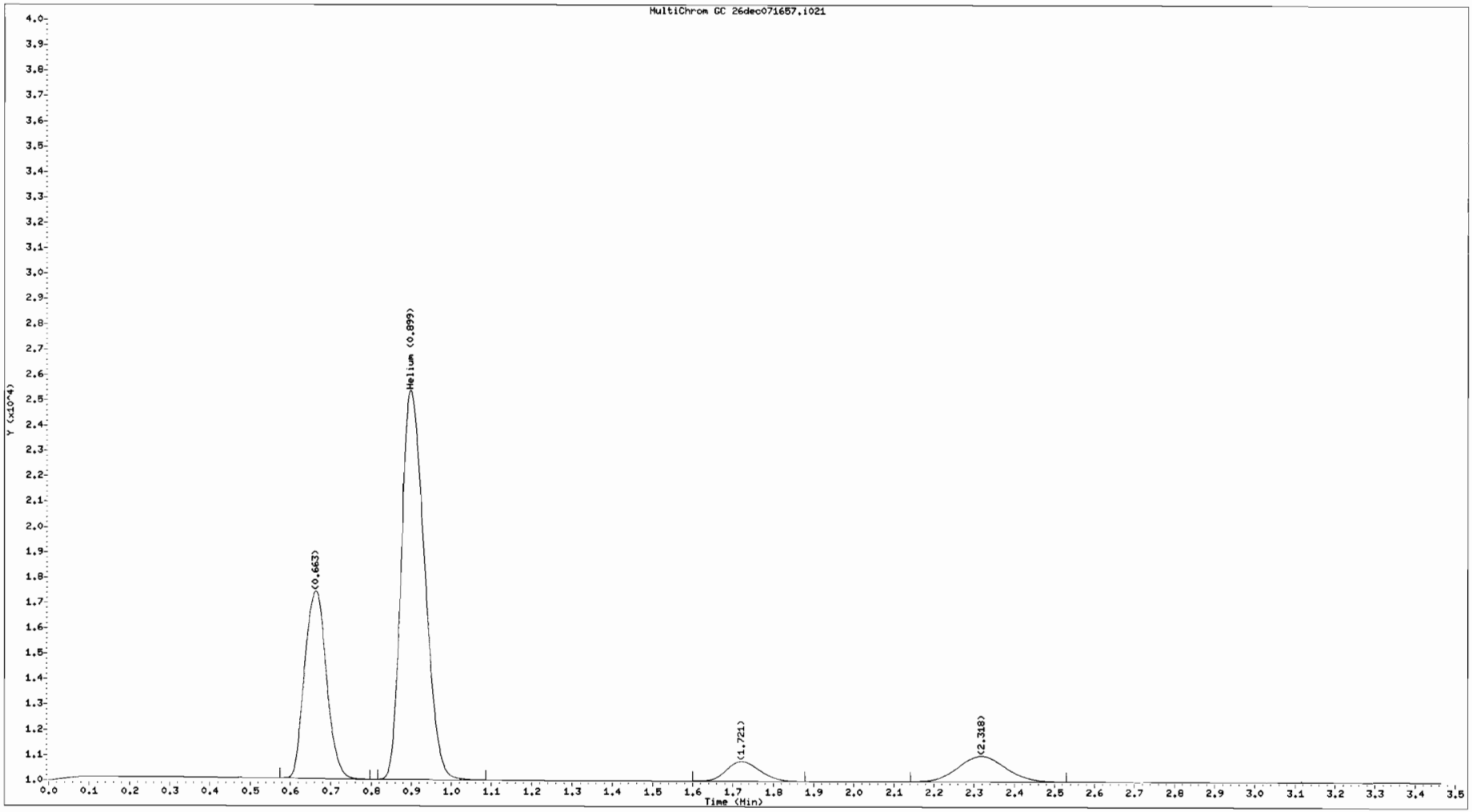
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	6.2	

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736422	Client Sample ID: 20071220VP-04V3 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 17:42
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 26dec071657-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:29 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736422	Client Sample ID: 20071220VP-04V3 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 17:42
Instrument	: 2866_2.i	Dilution Factor	: 1.21
Column	: CTR-1	Data File	: 26dec071657-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:29 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.663			419829	7381			
2	0.899	0.930	-0.032	939091	15361	5.13035196	M	Helium
3	1.721			68302	782			
4	2.318			127617	1025			

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
0.899	0.930	Helium

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

20071220
VP-05V2 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736426

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071657-R061

Level: (low/med) LOW Date Received: 12/21/07

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

GC Column: CTR-1 ID: 6.35 (mm) Dilution Factor: 1.4

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

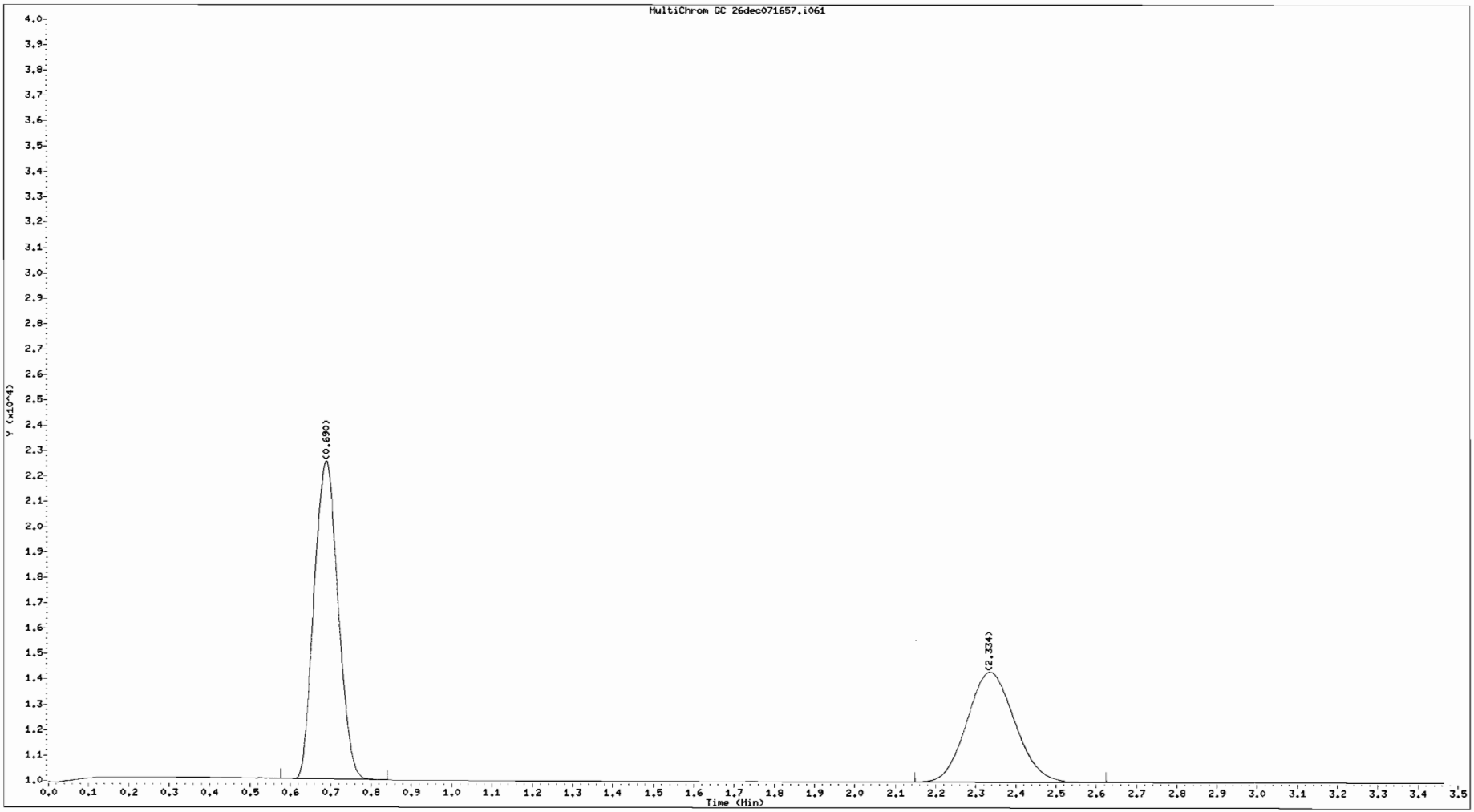
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.4	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736426	Client Sample ID: 20071220VP-05V2 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 18:35
Instrument	: 2866_2.i	Dilution Factor	: 1.39
Column	: CTR-1	Data File	: 26dec071657-r061.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:30 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736426	Client Sample ID: 20071220VP-05V2 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 18:35
Instrument	: 2866_2.i	Dilution Factor	: 1.39
Column	: CTR-1	Data File	: 26dec071657-r061.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:30 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.690			785199	12543			
2	2.334			546136	4326			

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.

20071220V
P-06V1.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736425

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071657-R051

Level: (low/med) LOW Date Received: 12/21/07

% 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)

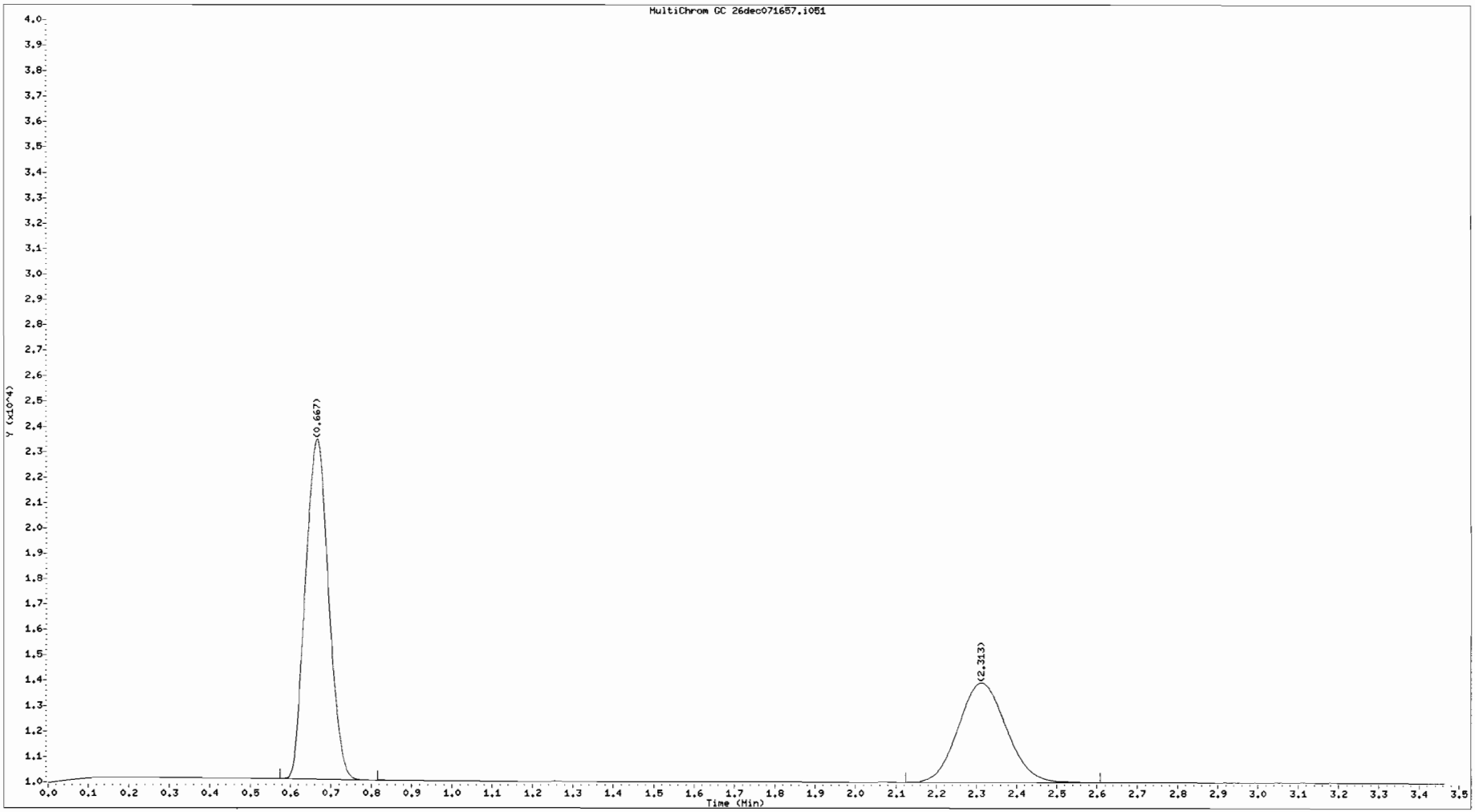
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736425	Client Sample ID: 20071220VP-06V1.5 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 18:24
Instrument	: 2866_2.i	Dilution Factor	: 1.33
Column	: CTR-1	Data File	: 26dec071657-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:30 sv		



Lab Sample ID: 736425 Client Sample ID: 20071220VP-06V1.5 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 18:24
Instrument	: 2866_2.i	Dilution Factor	: 1.33
Column	: CTR-1	Data File	: 26dec071657-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:30 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.667			807461	13389			
2	2.313			493617	3916			

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.

20071220
VP-09V2 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736424

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071657-R041

Level: (low/med) LOW Date Received: 12/21/07

% 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)

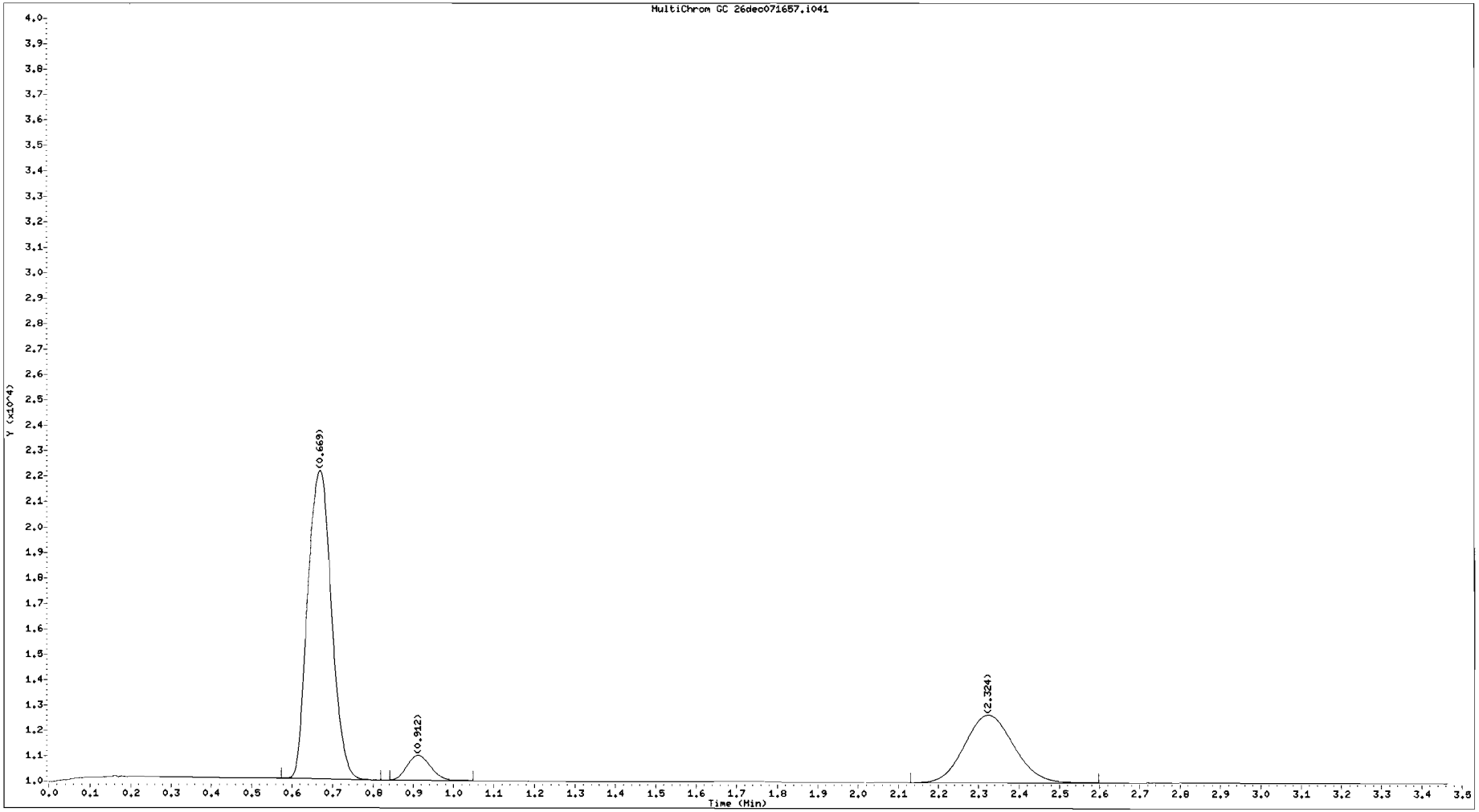
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.3	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736424	Client Sample ID: 20071220VP-09V2 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 18:14
Instrument	: 2866_2.i	Dilution Factor	: 1.33
Column	: CTR-1	Data File	: 26dec071657-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:29 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736424 Client Sample ID: 20071220VP-09V2 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 18:14
Instrument	: 2866_2.i	Dilution Factor	: 1.33
Column	: CTR-1	Data File	: 26dec071657-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:29 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.669			746000	12137			
2	0.912			62890	990			
3	2.324			339842	2656			

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.

20071220V
P-12V1.5 N

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

Matrix: (soil/water) AIR Lab Sample ID: 736427

Sample wt/vol: _____ (g/mL) ML Lab File ID: 26DEC071657-R071

Level: (low/med) LOW Date Received: 12/21/07

% 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)

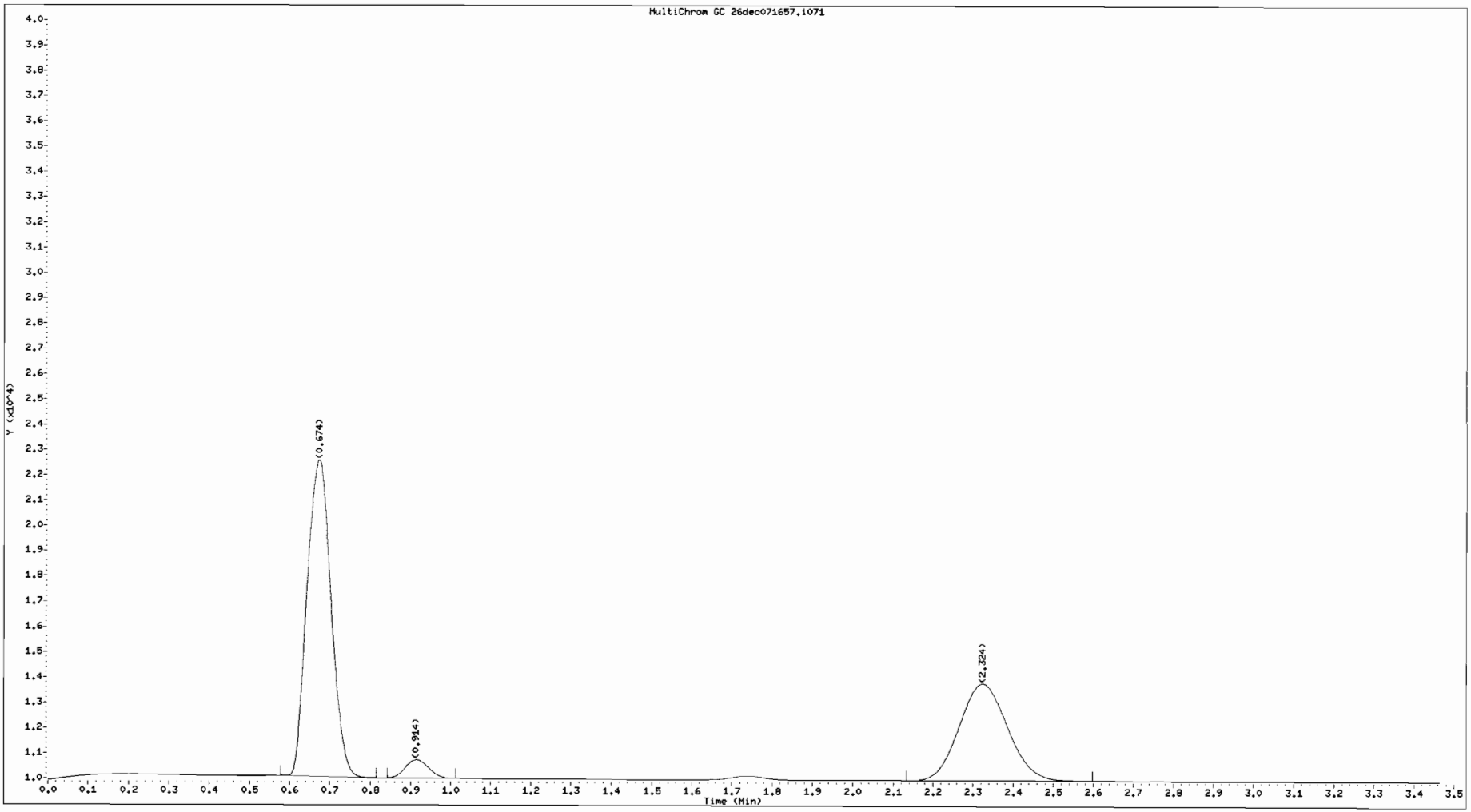
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	2.2	U

FORM I VOA

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 736427	Client Sample ID: 20071220VP-12V1.5 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 18:58
Instrument	: 2866_2.i	Dilution Factor	: 1.31
Column	: CTR-1	Data File	: 26dec071657-r071.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:30 sv		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 736427	Client Sample ID: 20071220VP-12V1.5 N

Matrix	: AIR	Sample Type	: SAMPLE
Analyst	: PAD	Injection Date	: 26-DEC-2007 18:58
Instrument	: 2866_2.i	Dilution Factor	: 1.31
Column	: CTR-1	Data File	: 26dec071657-r071.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/123559.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:30 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.674			791204	12531			
2	0.914			44460	724		M	
3	2.324			486985	3827			

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 27000

Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: 123559

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

Heated Purge: (Y/N) N Calibration Time(s): 1400 1449

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

LAB FILE ID: RRF1.7=27NOV071355-R0 RRF5 =27NOV071355-R0
RRF8.3=27NOV071355-R0 RRF12.5=27NOV071355-R RRF16.7=27NOV071355-R

COMPOUND	RRF1.7	RRF5	RRF8.3	RRF 12.5	RRF 16.7	$\overline{RRF}$	% RSD
Helium	*174758	183237	185441	172844	198950	183046	5.7*

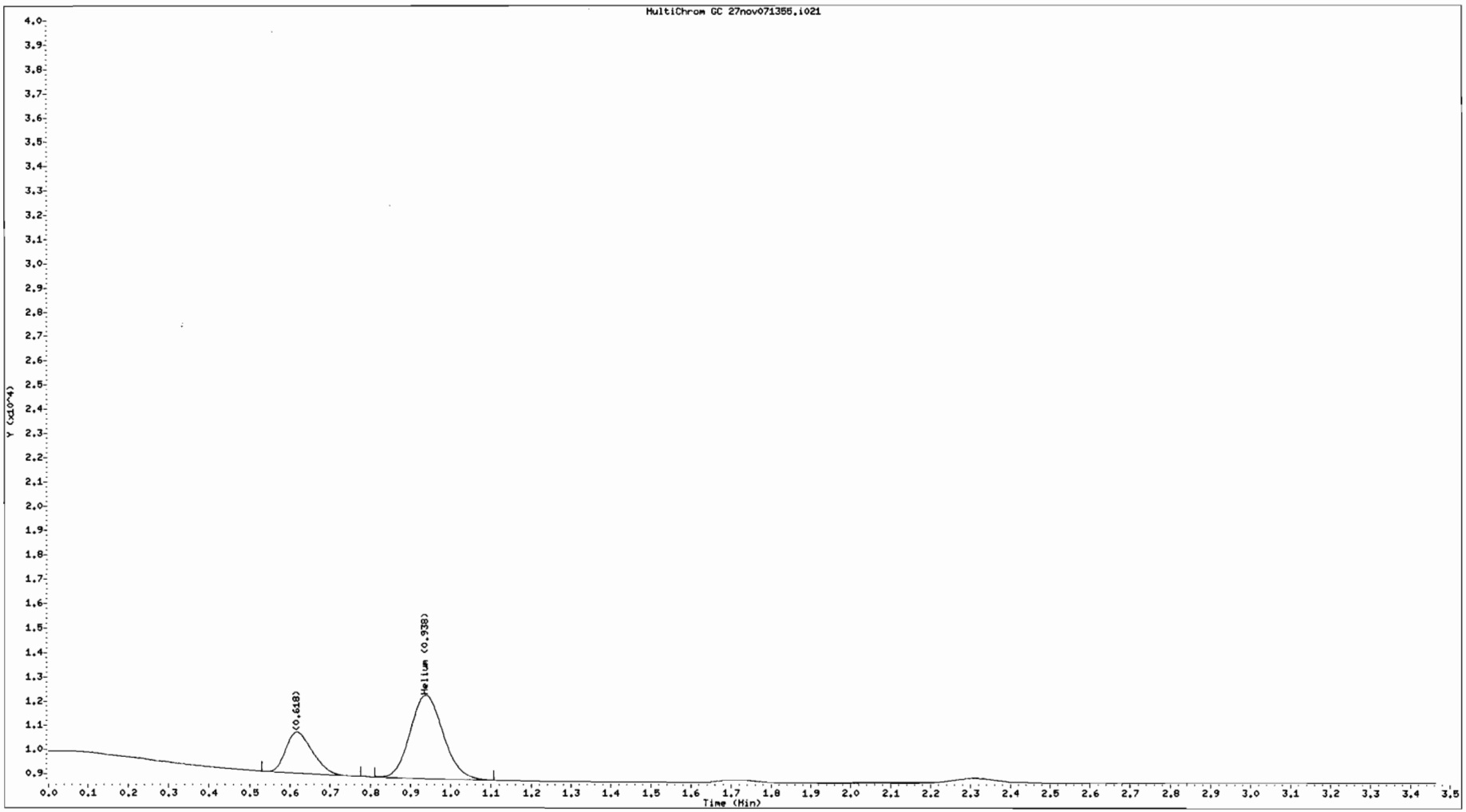
* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM VI VOA 3/90

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL1	Client Sample ID: CAL1

Matrix	: AIR	Sample Type	: CALIB_1
Analyst	: PAD	Injection Date	: 27-NOV-2007 14:00
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071355-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071355.b/ASTM_He.m		
Reported	: 28-Nov-2007 13:23 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL1	Client Sample ID: CAL1

Matrix	: AIR	Sample Type	: CALIB_1
Analyst	: PAD PAD	Injection Date	: 27-NOV-2007 14:00
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071355-r021.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071355.b/ASTM_He.m		
Reported	: 28-Nov-2007 13:23 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.618			117207	1694			
2	0.938	0.930	0.008	297089	3439	1.62302816	aM	Helium

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

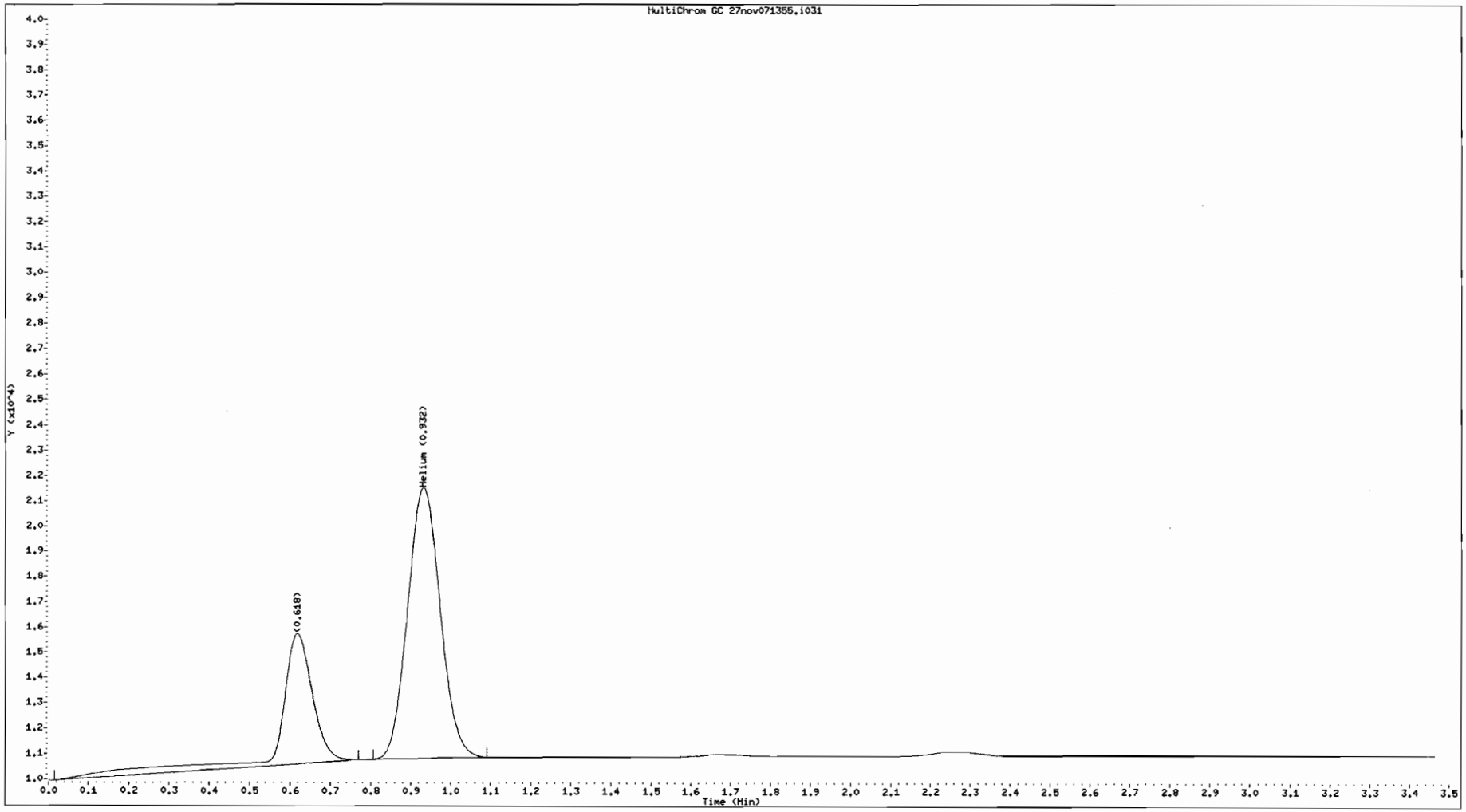
Target Compounds

Peak RT	Expected RT	Target Compound
0.938	0.930	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL2	Client Sample ID: CAL2

Matrix	: AIR	Sample Type	: CALIB_2
Analyst	: PAD	Injection Date	: 27-NOV-2007 14:10
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071355-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071355.b/ASTM_He.m		
Reported	: 28-Nov-2007 13:23 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL2	Client Sample ID: CAL2

Matrix	: AIR	Sample Type	: CALIB_2
Analyst	: PAD PKD	Injection Date	: 27-NOV-2007 14:10
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071355-r031.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071355.b/ASTM_He.m		
Reported	: 28-Nov-2007 13:23 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.618			447197	5134			
2	0.932	0.930	0.001	916187	10695	5.00522502	M	Helium

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

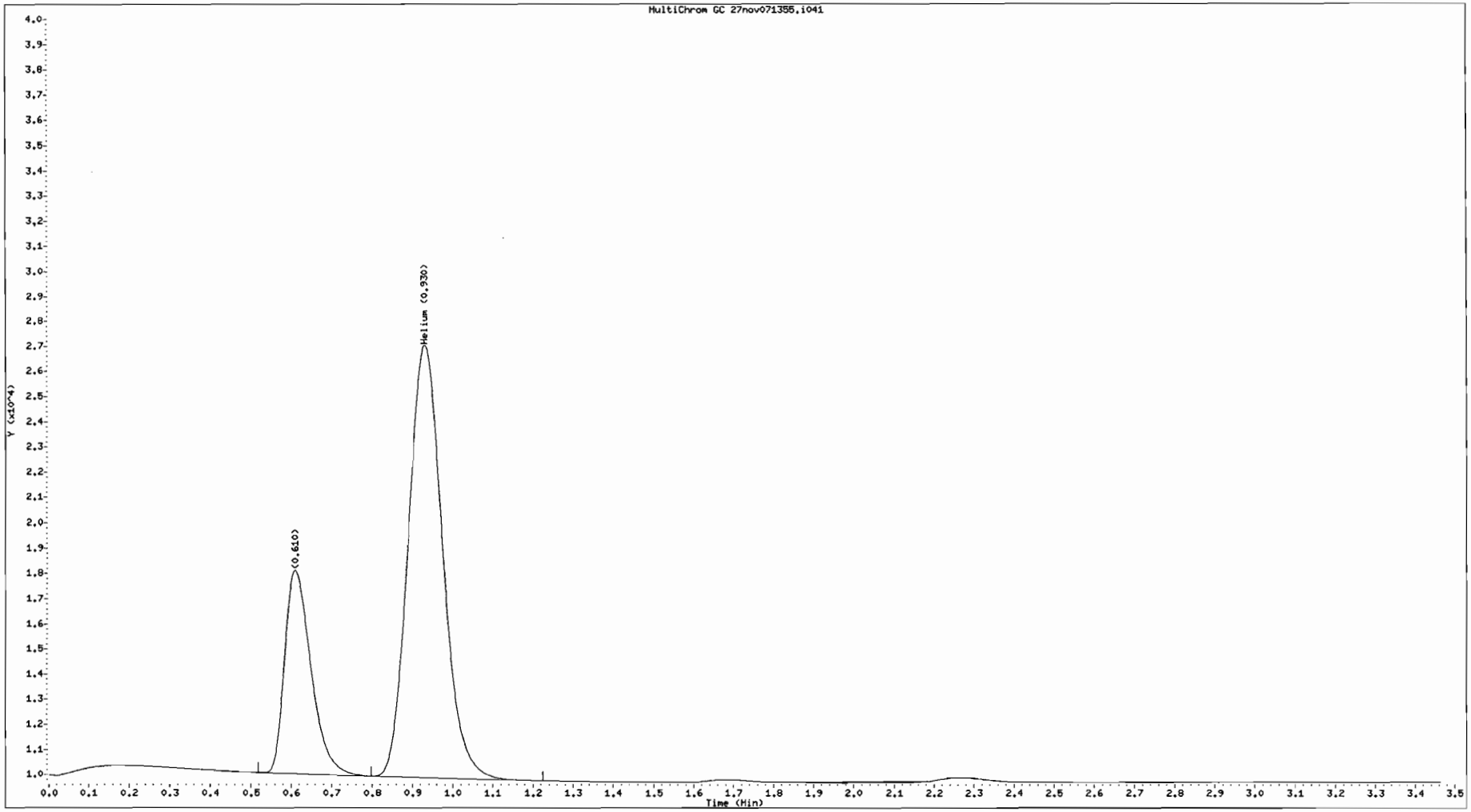
Target Compounds

Peak RT	Expected RT	Target Compound
0.932	0.930	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL3	Client Sample ID: CAL3

Matrix	: AIR	Sample Type	: CALIB_3
Analyst	: PAD	Injection Date	: 27-NOV-2007 14:14
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071355-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071355.b/ASTM_He.m		
Reported	: 28-Nov-2007 13:23 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL3	Client Sample ID: CAL3

Matrix	: AIR	Sample Type	: CALIB_3
Analyst	: PAD PAD	Injection Date	: 27-NOV-2007 14:14
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071355-r041.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071355.b/ASTM_He.m		
Reported	: 28-Nov-2007 13:23 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.610			556163	8090			
2	0.930	0.930	0.000	1539161	17158	8.40859142	M	Helium

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

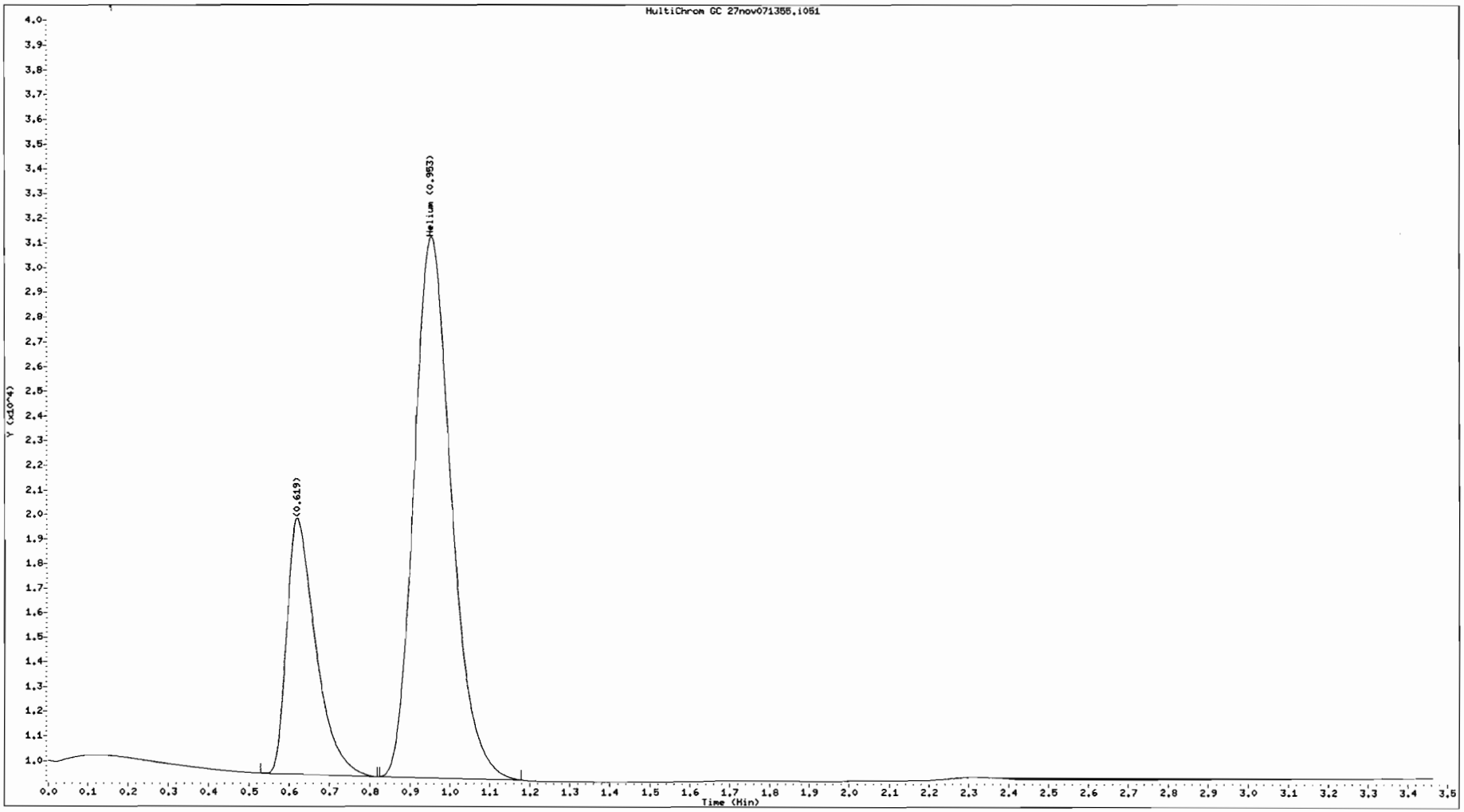
Target Compounds

Peak RT	Expected RT	Target Compound
0.930	0.930	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL4	Client Sample ID: CAL4

Matrix	: AIR	Sample Type	: CALIB_4
Analyst	: PAD	Injection Date	: 27-NOV-2007 14:20
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071355-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071355.b/ASTM_He.m		
Reported	: 28-Nov-2007 13:23 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL4	Client Sample ID: CAL4

Matrix	: AIR	Sample Type	: CALIB_4
Analyst	: PAD PAD	Injection Date	: 27-NOV-2007 14:20
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071355-r051.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071355.b/ASTM_He.m		
Reported	: 28-Nov-2007 13:23 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.619			782054	10389			
2	0.953	0.930	0.022	2160552	21917	11.8033207	M	Helium

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

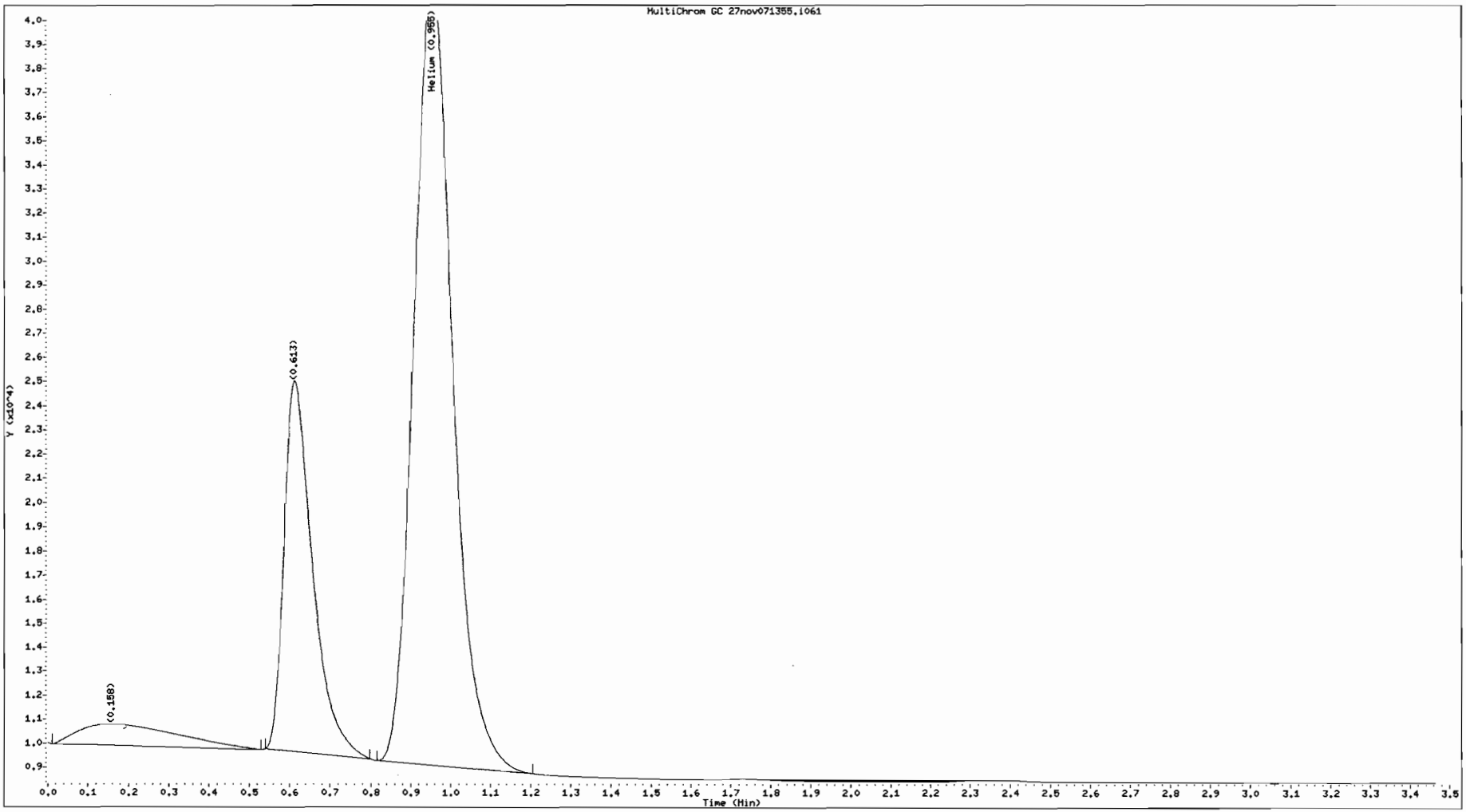
Target Compounds

Peak RT	Expected RT	Target Compound
0.953	0.930	Helium

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: CAL5	Client Sample ID: CAL5

Matrix	: AIR	Sample Type	: CALIB_5
Analyst	: PAD	Injection Date	: 27-NOV-2007 14:49
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071355-r061.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071355.b/ASTM_He.m		
Reported	: 28-Nov-2007 13:23 jh2		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: CAL5	Client Sample ID: CAL5

Matrix	: AIR	Sample Type	: CALIB_5
Analyst	: PAD PAD	Injection Date	: 27-NOV-2007 14:49
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071355-r061.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071355.b/ASTM_He.m		
Reported	: 28-Nov-2007 13:23 jh2		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.158			227568	884			
2	0.613			1145950	15369		M	
3	0.955	0.930	0.024	3322462	32608	18.1509560	AM	Helium

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
0.955	0.930	Helium

Data File: 27nov071506-r011.d
Report Date: 29-Nov-2007 10:26

TestAmerica Burlington

RECOVERY REPORT

Client Name:
Sample Matrix: GAS
Lab Smp Id: ICV
Level: LOW
Data Type: GC DATA
SpikeList File: LCS.spk
Sublist File: all.sub
Method File: /var/chem/2866_2.i/112707_2/27NOV071506.b/ASTM_He.m
Misc Info:

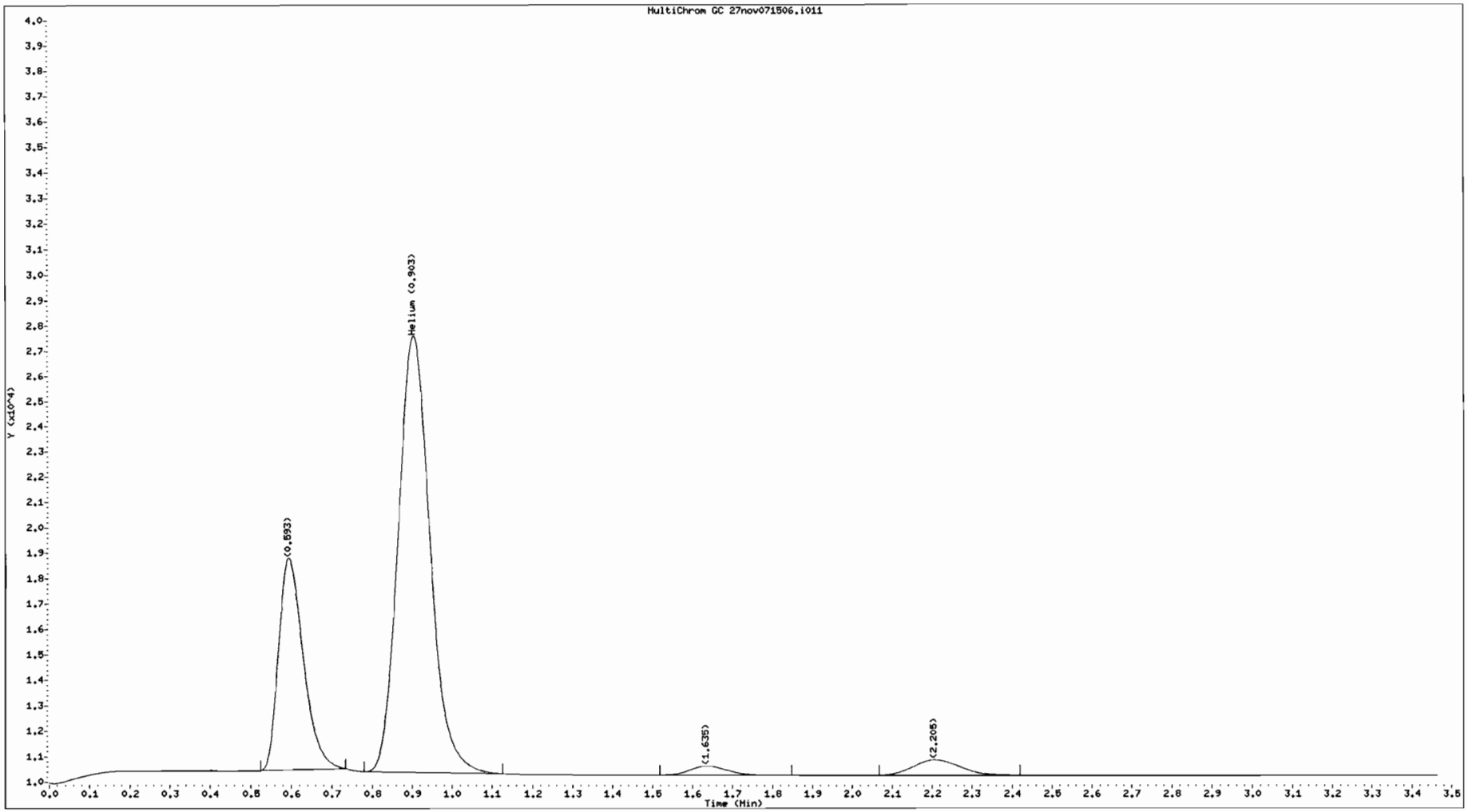
Client SDG: 27NOV071506
Fraction: VOA
Client Smp ID: ICV
Operator: PAD
SampleType: METHSPIKE
Quant Type: ESTD

SPIKE COMPOUND	CONC ADDED %.v/v	CONC RECOVERED %.v/v	% RECOVERED	LIMITS
9 Helium	8.3	7.9	94.62	70-130

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: ICV	Client Sample ID: ICV

Matrix	: AIR	Sample Type	: METHSPIKE
Analyst	: PAD	Injection Date	: 27-NOV-2007 15:06
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071506-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071506.b/ASTM_He.m		
Reported	: 29-Nov-2007 10:26 klp		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: ICV	Client Sample ID: ICV

Matrix	: AIR	Sample Type	: METHSPIKE
Analyst	: PAD	Injection Date	: 27-NOV-2007 15:06
Instrument	: 2866_2.i	Dilution Factor	: 1.00
Column	: CTR-1	Data File	: 27nov071506-r011.d
Integrator	: HP Genie	Compound Sublist	: all
Method	: /var/chem/2866_2.i/112707_2/27NOV071506.b/ASTM_He.m		
Reported	: 29-Nov-2007 10:26 klp		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification
1	0.593			534204	8324		M	
2	0.903	0.930	-0.027	1437562	17210	7.85355096	M	Helium
3	1.635			34176	358		M	
4	2.205			72542	601		M	

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
0.903	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.: 123559

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)

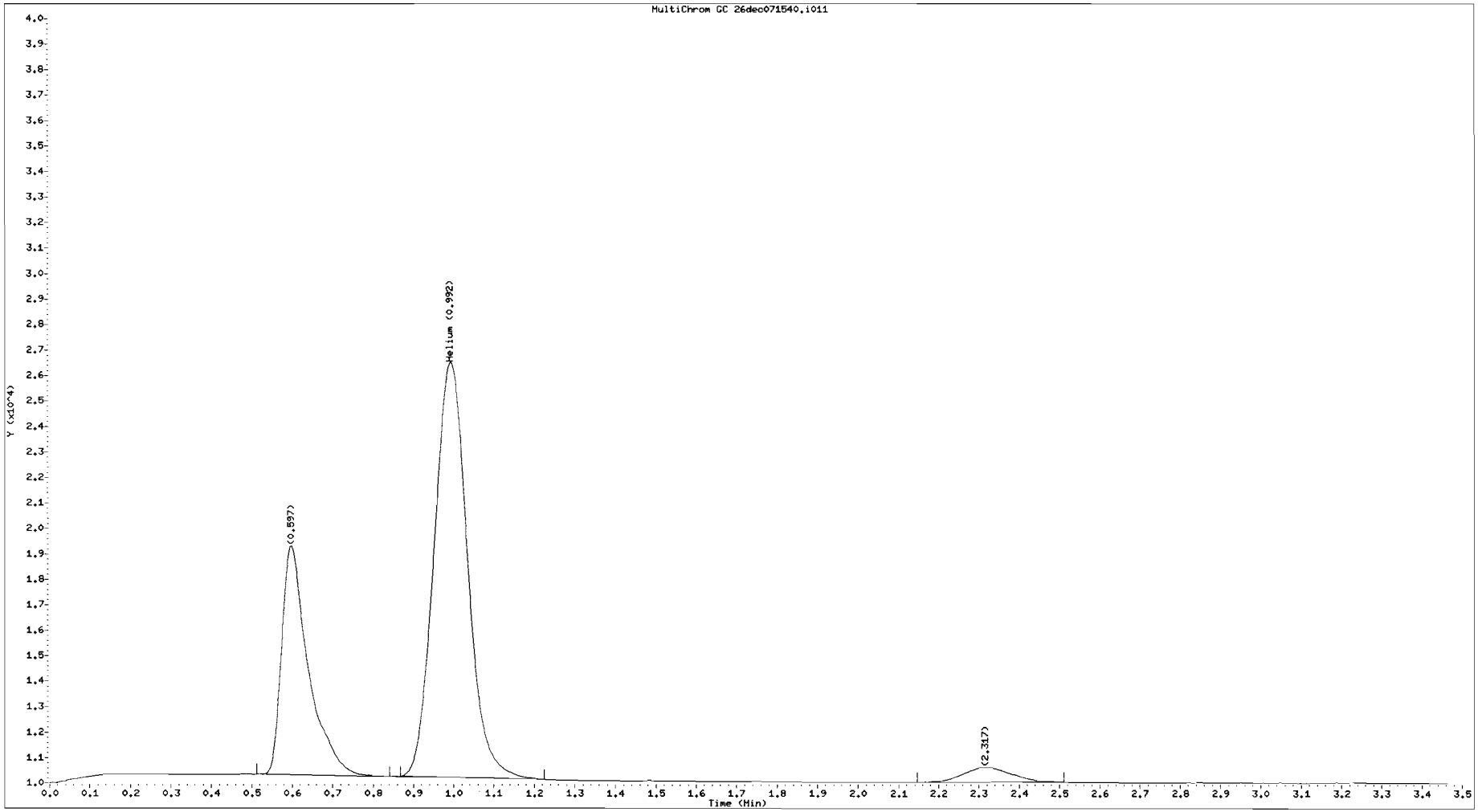
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	183046.12	172198.43		5.9	30.0

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	: 02-Jan-2008 11:30 sv		



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	: 02-Jan-2008 11:30 sv		

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.: 123559

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)

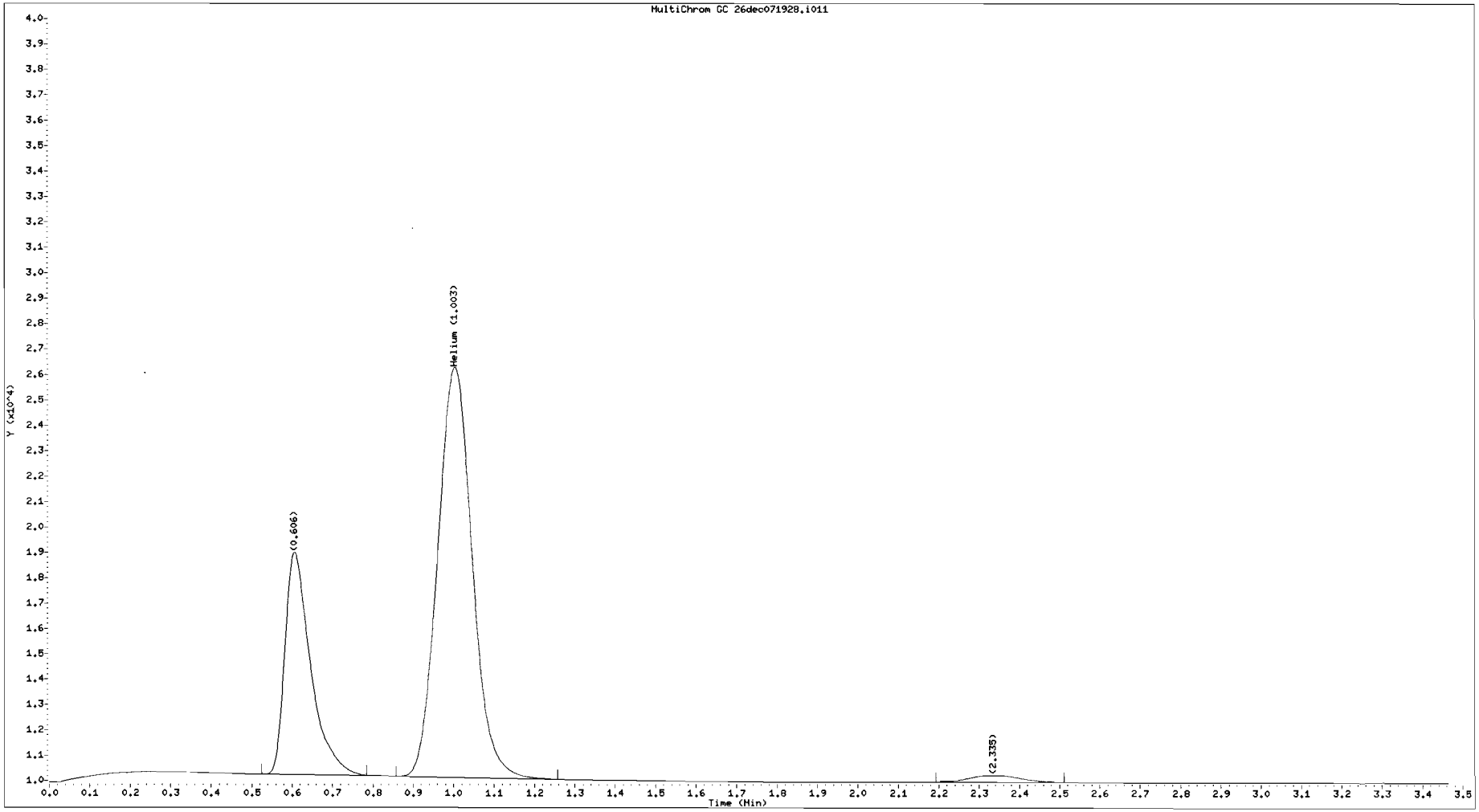
COMPOUND	$\overline{RRF}$	RRF8.3	MIN RRF	%D	MAX %D
Helium	183046.12	174085.06		4.9	30.0

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_2/26DEC071928.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:54 sv		



TestAmerica Burlington - Target GC Injection Report

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_2/26DEC071928.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:54 sv		

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

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.: 123559

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)

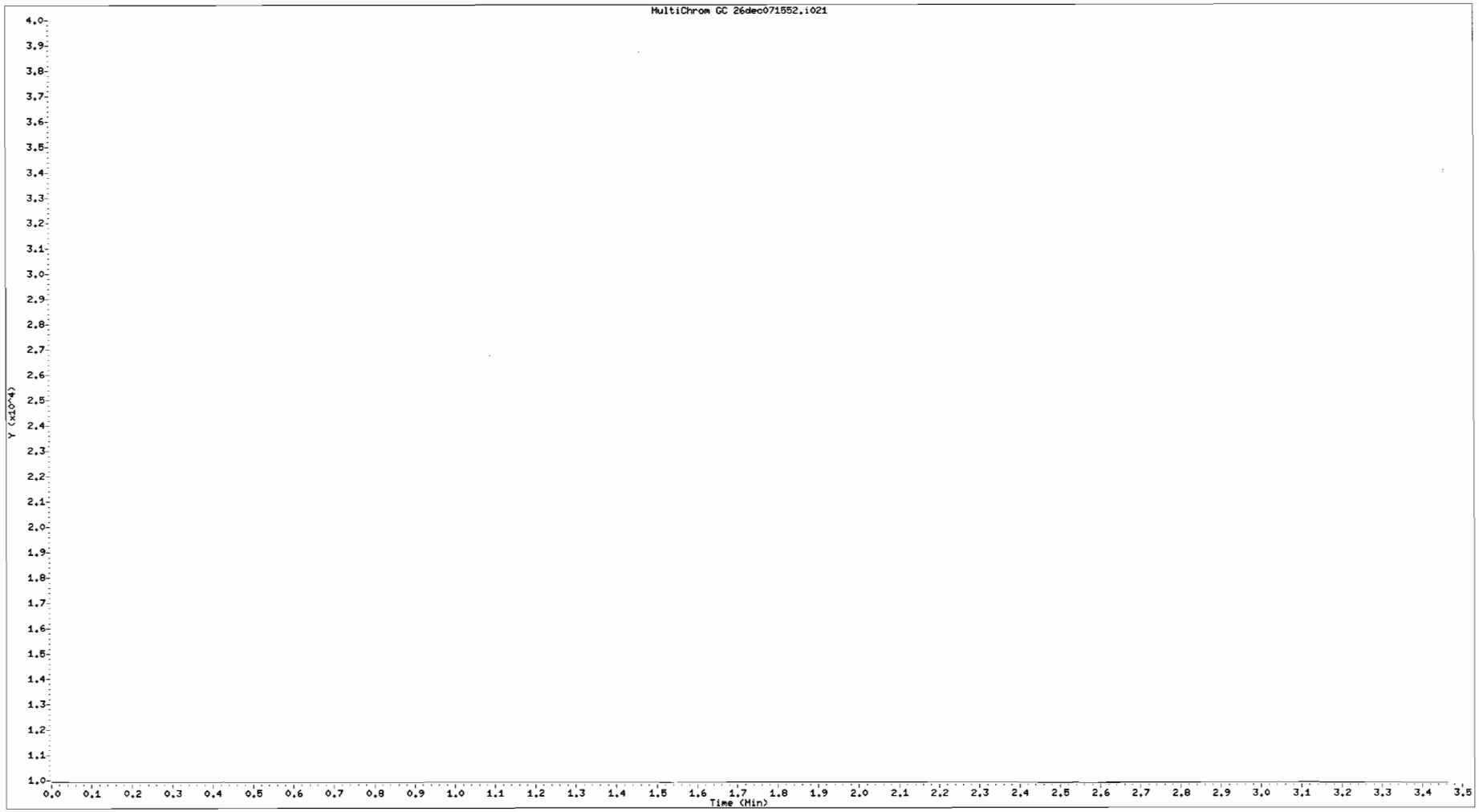
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) %.V/V	Q
7440-59-7	Helium	1.7	U

FORM I VOA

TestAmerica Burlington - 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_2/26DEC071552.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:30 sv		



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_2/26DEC071552.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:30 sv		

Peaks

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Conc. (%v/v)	Flags	Peak Identification

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

Target Compounds

Peak RT	Expected RT	Target Compound
	0.930	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.: 123559

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

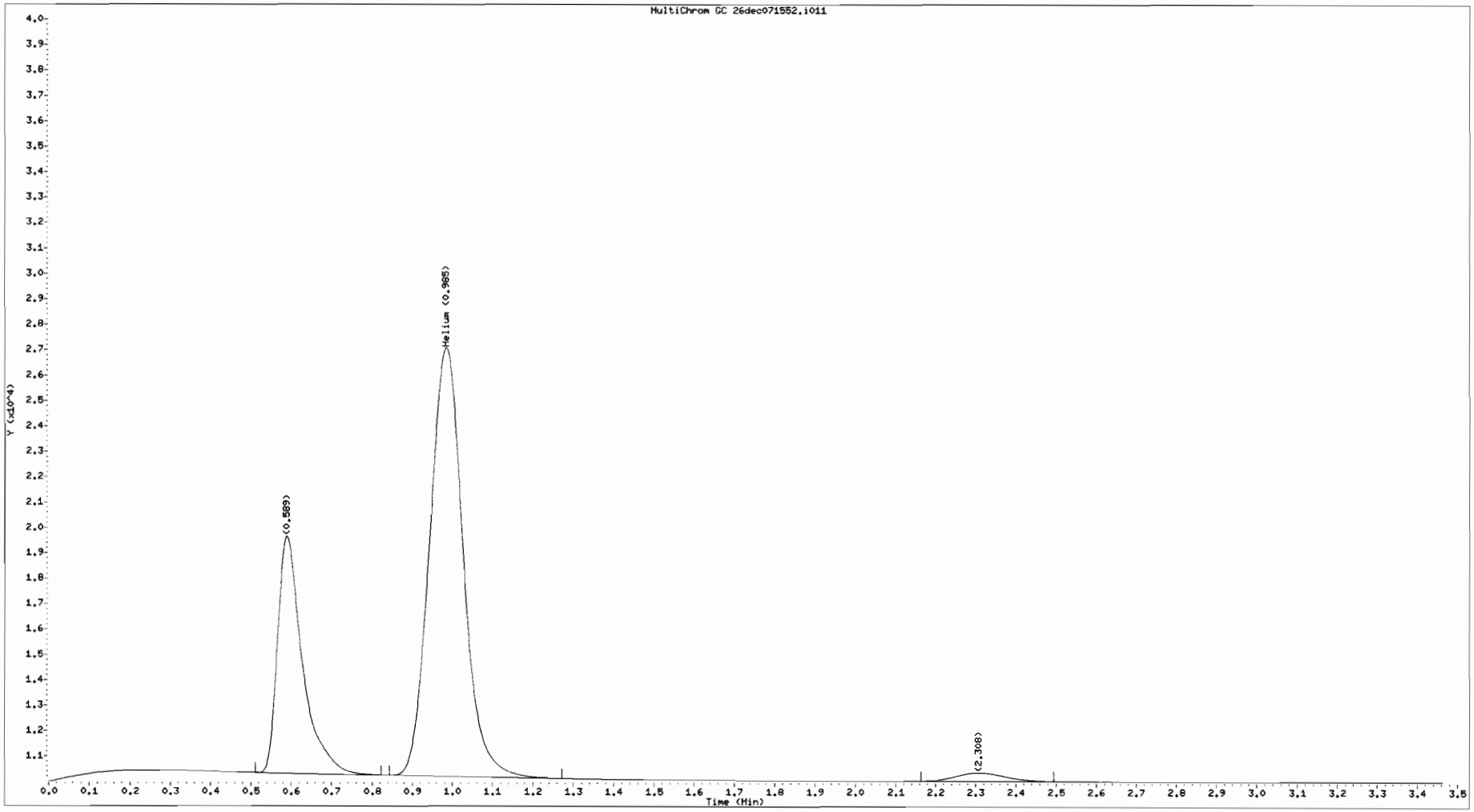
TestAmerica Burlington - Target GC Chromatogram

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_2/26DEC071552.b/ASTM_He.m

Reported : 02-Jan-2008 11:30 sv



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_2/26DEC071552.b/ASTM_He.m		
Reported	: 02-Jan-2008 11:30 sv		

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

Sample Preparation – ASTM D1946

TestAmerica Burlington - Manual Integration Summary
SDG: 123559

PAD 12/28/07

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	
736420	20071220VP-02V	SAMPLE	2866_2	CTR-1	26-DEC-2007 16:21	26DEC071620-R011
	0.911	Helium			MI1 - Poor automated baseline	
736421	20071220VP-03V	SAMPLE	2866_2	CTR-1	26-DEC-2007 16:58	26DEC071657-R011
	0.912	Helium			MI1 - Poor automated baseline	
736422	20071220VP-04V	SAMPLE	2866_2	CTR-1	26-DEC-2007 17:42	26DEC071657-R021
	0.899	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	

TestAmerica Burlington - Manual Integration Summary
SDG: 27NOV071355

PAD 11/28/07 KLP 11/29/07

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	27-NOV-2007 14:00	27NOV071355-R021
	0.938	Helium			MI1 - Poor automated baseline	
CAL2	CAL2	INIT. CALIB.	2866_2	CTR-1	27-NOV-2007 14:10	27NOV071355-R031
	0.932	Helium			MI1 - Poor automated baseline	
CAL3	CAL3	INIT. CALIB.	2866_2	CTR-1	27-NOV-2007 14:14	27NOV071355-R041
	0.930	Helium			MI1 - Poor automated baseline	
CAL4	CAL4	INIT. CALIB.	2866_2	CTR-1	27-NOV-2007 14:20	27NOV071355-R051
	0.953	Helium			MI1 - Poor automated baseline	
CAL5	CAL5	INIT. CALIB.	2866_2	CTR-1	27-NOV-2007 14:49	27NOV071355-R061
	0.955	Helium			MI1 - Poor automated baseline	
ICV	ICV	METHSPIKE	2866_2	CTR-1	27-NOV-2007 15:06	27NOV071506-R011
	0.903	Helium			MI1 - Poor automated baseline	

Air Canister Post-Sampling Pressure Check Record

Project Information			
Client:	RoHHAA		
ETR:	123559	SDG:	123559
Date:	12/22/07		
Analyst:	JHZ		

Lab ID	CAN ID	Pressure ("Hg) Initial[1]	Final[2]	NCR[3]	FC ID	Certification Batch	Comments
736420	4087	-29.9	-7.1		4185	4574 BGIF	
736421	2964		0.0	2	3953	2964 BGRC	FC @ 45.5 (2hr)
736422	3320		0.0	2	3168	4574 BGIF	FC @ 45.6 (2hr)
736423	4019		-2.7		2923	4019 BGIF	
736424	4477		-2.2		4051	4574 BGIF	
736425	4088		-2.3		2668	2511 CGBB	
736426	2512	-29.5	-3.3		4191	3555 CGBB	
736427	3521	-29.5	-1.7		4212	3555 CGBB	

JHZ 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: 123559

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
736420	-7.5	=	0.75	2.02	3.1	=	1.21	3.27	1.62
736421	-1.2	=	0.96	2.59	3	=	1.20	3.25	1.25
736422	0	=	1.00	2.70	3.1	=	1.21	3.27	1.21
736423	-2.8	=	0.91	2.45	3.1	=	1.21	3.27	1.34
736424	-2.6	=	0.91	2.47	3.1	=	1.21	3.27	1.33
736425	-2.6	=	0.91	2.47	3.1	=	1.21	3.27	1.33
736426	-3.7	=	0.88	2.37	3.2	=	1.22	3.29	1.39
736427	-2.1	=	0.93	2.51	3.2	=	1.22	3.29	1.31
		=	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

INSTRUMENT RUN LOG
INSTRUMENT ID: VR-3600

Project Reference: 110107		Test Method: ASTM D 1946 : He			Nitrogen / Acetylene Lot#[2]: —
Calibration Date: ~~110607~~ 112707-2		Instrument:	Varian 3600		ICAL / CCV Lot #: AT0719070 1
Start Date: 11/27/07	Time: 1400	Type:	Headspace	Channel 51 ☐ FID	ICV / LCS Lot #: AT0719070 2
End Date: 11/28/07	Time: 1400	Device:	2866	Channel 52 ☑ TCD	Other: —

Injection #	Injection Time	Lab ID	Bottle Code	ETR	File Name	Dilution Factor	Concentration[1]	Analyst	Comments
1	1341	TeST			27NOV07 1340	1.0	✓	BAD	
1	—	IBLK			27NOV07 1355		✓		
2	1400	CAL 1					✓		
3	1410	CAL 2					✓		
4	1414	CAL 3					✓		
5	1420	CAL 4					✓		
6	1449	CAL 5					✓		
7	1456	ICV					R		Bad baseline
1	1506	ICV (LCS)			27NOV07 1506		✓		
1	1528	MBLKC112707A			27NOV07 1526		✓		
1	1645	732820		123096	27NOV07 1607	1.0	✓	JHZ	
2	1649	732821					✓		
3	1653	732822					✓		
4	1657	732823					✓		
1	1711	CCV			27NOV07 1710	1.0	✓		

JHZ 11/27/07

[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

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	1853	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

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

[2] Used to create headspace in field samples and the MB

Sample Handling

RECEIVED
12-21-07
Thomas Jackson

From: Origin ID: WWDA (856)222-1990
Jules Thiessen
STL South Jersey
520 Fellowship Road
Suite A106
Mount Laurel, NJ 08054

FedEx Express

CLS090607/21/23

Ship Date: 20DEC07
ActWgt: 35 LB
System#: 1084353/INET7091
Account#: S *********

Delivery Address Bar Code

Ref #
Invoice #
PO #
Dept #

SHIP TO: (802)655-1203 **BILL RECIPIENT**

Sample Receiving
STL Burlington
30 Community Drive Suite 11

South Burlington, VT 05403

2/3 **FRI - 21DEC** **AA**

MPS# 0263 7904 1034 8046 **PRIORITY OVERNIGHT**

Mstr# 7909 0205 0444 0201

ZF-BTVA

BTV
VT-US
05403

3/3 **FRI - 21DEC** **AA**

MPS# 0263 7909 0205 0488 **PRIORITY OVERNIGHT**

Mstr# 7909 0205 0444 0201

ZF-BTVA

BTV
VT-US
05403

1/3 **FRI - 21DEC** **AA**

TRK# 0201 7909 0205 0444 **PRIORITY OVERNIGHT**

MASTER

ZF-BTVA

BTV
VT-US
05403

TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	ROHHAA	Date Received:	12/21/07	Log In Date:	12-22-07
ETR:	123559	Time Received:	1/10	By:	J.L.
SDG:	123559	Received By:	J.L.	Signature:	J Thomas Jackson
Project:	27000	# Coolers Received:	3 boxes	PM Signature:	[illegible]
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:	62	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:	°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		Present on Sample Lebels
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet			X	

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X	X		See Below
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

Sample "20071220VP-02V3@N" : Sample Collection Time is not present on sample label.

FSR002:12.19.07:3
TestAmerica Burlington

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