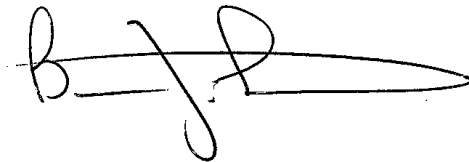


ANALYTICAL REPORT

Job Number: 480-112334-1

Job Description: Scott Aviation site

For:
AECOM, Inc.
257 West Genesee Street
Suite 400
Buffalo, NY 14202-2657
Attention: Mr. Dino Zack



Approved for release.
Brian J Fischer
Manager of Project Management
1/30/2017 3:26 PM

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01/30/2017
Revision: 1

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report. TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NYDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

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**Job Narrative
480-112334-1**

Comments

This report was revised to include results/data for samples received 1/19/17 (job# 112525).

Receipt

The samples were received on 1/17/2017 4:20 PM and 1/20/2017 11:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.2° C and 2.9° C.

GC/MS VOA

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: DPT-1 (480-112334-10) and DPT-3 (480-112334-12). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-340386 recovered outside control limits for the following analytes: Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. MW-2 (480-112334-1), MW-6 (480-112334-2), GWCT (480-112334-8), Trip Blank (480-112334-9), DPT-1 (480-112334-10), DPT-3 (480-112334-12), DPT-5 (480-112334-14) and DPT-8 (480-112334-16).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-340437 recovered outside acceptance criteria, low biased, for 2-Hexanone, 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK) and Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detects for these analytes, the data have been reported. The following samples are impacted: MW-10 (480-112334-3), MW-11 (480-112334-4), Rinse (480-112334-6), MW-8R (480-112334-7), DPT-2 (480-112334-11), DPT-4 (480-112334-13), DPT-5 (480-112334-14) and DPT-8 (480-112334-16).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-340437 recovered outside control limits for the following analyte: Methyl acetate. Methyl acetate has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. The following samples are impacted: MW-10 (480-112334-3), MW-11 (480-112334-4), Rinse (480-112334-6), MW-8R (480-112334-7), DPT-2 (480-112334-11), DPT-4 (480-112334-13), DPT-5 (480-112334-14) and DPT-8 (480-112334-16).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-8R (480-112334-7), DPT-4 (480-112334-13), DPT-5 (480-112334-14), DPT-8 (480-112334-16), (480-112334-C-13 MS) and (480-112334-C-13 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: DPT-2 (480-112334-11), DPT-4 (480-112334-13), (480-112334-C-13 MS) and (480-112334-C-13 MSD). The samples were analyzed within 7 days per EPA recommendation.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-340630 recovered outside acceptance criteria, low biased, for 2-Hexanone, 4-Methyl-2-pentanone and Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detects for these analytes, the data have been reported. The following samples are impacted: Duplicate (480-112334-5), MW-8R (480-112334-7) and DPT-7 (480-112334-15).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-8R (480-112334-7), DPT-7 (480-112334-15), (480-112334-C-15 MS) and (480-112334-C-15 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: DPT-7 (480-112334-15), (480-112334-C-15 MS) and (480-112334-C-15 MSD). The sample was analyzed within 7 days per EPA recommendation.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: DPT-5 (480-112334-14), DPT-8 (480-112334-16), (480-112334-A-14 MS) and (480-112334-A-14 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-12 (480-112525-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-4 (480-112525-2), MW-13S (480-112525-4), MW-16S (480-112525-6) and MW-16D (480-112525-7). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-16S

(480-112525-6). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-112334-1	MW-2	Water	01/17/17 08:00	01/17/17 16:20
480-112334-2	MW-6	Water	01/17/17 10:00	01/17/17 16:20
480-112334-3	MW-10	Water	01/17/17 09:15	01/17/17 16:20
480-112334-4	MW-11	Water	01/17/17 11:20	01/17/17 16:20
480-112334-5	Duplicate	Water	01/17/17 06:30	01/17/17 16:20
480-112334-6	Rinse	Water	01/17/17 07:30	01/17/17 16:20
480-112334-7	MW-8R	Water	01/17/17 12:30	01/17/17 16:20
480-112334-8	GWCT	Water	01/16/17 08:30	01/17/17 16:20
480-112334-9	Trip Blank	Water	01/16/17 07:00	01/17/17 16:20
480-112334-10	DPT-1	Water	01/16/17 15:45	01/17/17 16:20
480-112334-11	DPT-2	Water	01/16/17 14:00	01/17/17 16:20
480-112334-12	DPT-3	Water	01/16/17 12:00	01/17/17 16:20
480-112334-13	DPT-4	Water	01/16/17 12:30	01/17/17 16:20
480-112334-14	DPT-5	Water	01/16/17 15:15	01/17/17 16:20
480-112334-15	DPT-7	Water	01/16/17 11:30	01/17/17 16:20
480-112334-16	DPT-8	Water	01/16/17 11:00	01/17/17 16:20
480-112525-1	MW-3	Water	01/19/17 08:00	01/20/17 11:00
480-112525-2	MW-4	Water	01/19/17 10:20	01/20/17 11:00
480-112525-3	MW-12	Water	01/19/17 09:30	01/20/17 11:00
480-112525-4	MW-13S	Water	01/19/17 11:30	01/20/17 11:00
480-112525-5	MW-13D	Water	01/19/17 12:15	01/20/17 11:00
480-112525-6	MW-16S	Water	01/19/17 13:40	01/20/17 11:00
480-112525-7	MW-16D	Water	01/19/17 14:30	01/20/17 11:00

Detection Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-2

Lab Sample ID: 480-112334-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.1	J	10	3.0	ug/L	1		8260C	Total/NA
Chloroethane	1.7		1.0	0.32	ug/L	1		8260C	Total/NA
Cyclohexane	0.48	J	1.0	0.18	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6

Lab Sample ID: 480-112334-2

No Detections.

Client Sample ID: MW-10

Lab Sample ID: 480-112334-3

No Detections.

Client Sample ID: MW-11

Lab Sample ID: 480-112334-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.3		1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	3.8		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	2.5		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: Duplicate

Lab Sample ID: 480-112334-5

No Detections.

Client Sample ID: Rinse

Lab Sample ID: 480-112334-6

No Detections.

Client Sample ID: MW-8R

Lab Sample ID: 480-112334-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	200		100	38	ug/L	100		8260C	Total/NA
1,1-Dichloroethene	68	J	100	29	ug/L	100		8260C	Total/NA
cis-1,2-Dichloroethene	24000	E	100	81	ug/L	100		8260C	Total/NA
Methylene Chloride	73	J	100	44	ug/L	100		8260C	Total/NA
Vinyl chloride	18000	E	100	90	ug/L	100		8260C	Total/NA
1,1-Dichloroethane - DL	170	J	400	150	ug/L	400		8260C	Total/NA
cis-1,2-Dichloroethene - DL	24000		400	320	ug/L	400		8260C	Total/NA
Vinyl chloride - DL	18000		400	360	ug/L	400		8260C	Total/NA

Client Sample ID: GWCT

Lab Sample ID: 480-112334-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	45		1.0	0.32	ug/L	1		8260C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 480-112334-9

No Detections.

Client Sample ID: DPT-1

Lab Sample ID: 480-112334-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	20		20	7.6	ug/L	20		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-1 (Continued)

Lab Sample ID: 480-112334-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	65	J	200	60	ug/L	20		8260C	Total/NA
Chloroethane	15	J	20	6.4	ug/L	20		8260C	Total/NA
cis-1,2-Dichloroethene	16	J	20	16	ug/L	20		8260C	Total/NA

Client Sample ID: DPT-2

Lab Sample ID: 480-112334-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.2	J	10	1.3	ug/L	1		8260C	Total/NA
Chloroethane	2.5		1.0	0.32	ug/L	1		8260C	Total/NA
Methylene Chloride	0.51	J	1.0	0.44	ug/L	1		8260C	Total/NA

Client Sample ID: DPT-3

Lab Sample ID: 480-112334-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	45		20	18	ug/L	20		8260C	Total/NA

Client Sample ID: DPT-4

Lab Sample ID: 480-112334-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4300		100	81	ug/L	100		8260C	Total/NA
Methylene Chloride	81	J	100	44	ug/L	100		8260C	Total/NA
Vinyl chloride	1100		100	90	ug/L	100		8260C	Total/NA

Client Sample ID: DPT-5

Lab Sample ID: 480-112334-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	150		50	19	ug/L	50		8260C	Total/NA
1,1-Dichloroethene	82		50	15	ug/L	50		8260C	Total/NA
Acetone	160	J	500	150	ug/L	50		8260C	Total/NA
Chloroethane	130		50	16	ug/L	50		8260C	Total/NA
cis-1,2-Dichloroethene	32000	E	50	41	ug/L	50		8260C	Total/NA
Methylene Chloride	26	J	50	22	ug/L	50		8260C	Total/NA
Toluene	37	J	50	26	ug/L	50		8260C	Total/NA
Trichloroethene	250		50	23	ug/L	50		8260C	Total/NA
Vinyl chloride	6600	E	50	45	ug/L	50		8260C	Total/NA
cis-1,2-Dichloroethene - DL	33000		500	410	ug/L	500		8260C	Total/NA
Methylene Chloride - DL	430	J	500	220	ug/L	500		8260C	Total/NA
Trichloroethene - DL	230	J	500	230	ug/L	500		8260C	Total/NA
Vinyl chloride - DL	6400		500	450	ug/L	500		8260C	Total/NA

Client Sample ID: DPT-7

Lab Sample ID: 480-112334-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	91		20	7.6	ug/L	20		8260C	Total/NA
2-Butanone (MEK)	270		200	26	ug/L	20		8260C	Total/NA
Acetone	140	J	200	60	ug/L	20		8260C	Total/NA
Chloroethane	530	F1	20	6.4	ug/L	20		8260C	Total/NA
Methylene Chloride	12	J	20	8.8	ug/L	20		8260C	Total/NA
Vinyl chloride	50		20	18	ug/L	20		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-8

Lab Sample ID: 480-112334-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	170		40	33	ug/L	40		8260C	Total/NA
1,1-Dichloroethane	130		40	15	ug/L	40		8260C	Total/NA
1,1-Dichloroethene	27	J	40	12	ug/L	40		8260C	Total/NA
cis-1,2-Dichloroethene	5000	E	40	32	ug/L	40		8260C	Total/NA
Trichloroethene	98		40	18	ug/L	40		8260C	Total/NA
Vinyl chloride	920		40	36	ug/L	40		8260C	Total/NA
1,1,1-Trichloroethane - DL	140		100	82	ug/L	100		8260C	Total/NA
1,1-Dichloroethane - DL	96	J	100	38	ug/L	100		8260C	Total/NA
cis-1,2-Dichloroethene - DL	4100		100	81	ug/L	100		8260C	Total/NA
Methylene Chloride - DL	62	J	100	44	ug/L	100		8260C	Total/NA
Trichloroethene - DL	81	J	100	46	ug/L	100		8260C	Total/NA
Vinyl chloride - DL	760		100	90	ug/L	100		8260C	Total/NA

Client Sample ID: MW-3

Lab Sample ID: 480-112525-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	13		1.0	0.38	ug/L	1		8260C	Total/NA
1,2-Dichloroethane	0.28	J	1.0	0.21	ug/L	1		8260C	Total/NA
Chloroethane	7.5		1.0	0.32	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	3.7		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	38		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 480-112525-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	120		20	7.6	ug/L	20		8260C	Total/NA
2-Butanone (MEK)	140	J	200	26	ug/L	20		8260C	Total/NA
Chloroethane	1000		20	6.4	ug/L	20		8260C	Total/NA
Toluene	18	J	20	10	ug/L	20		8260C	Total/NA
trans-1,2-Dichloroethene	23		20	18	ug/L	20		8260C	Total/NA
Vinyl chloride	58		20	18	ug/L	20		8260C	Total/NA

Client Sample ID: MW-12

Lab Sample ID: 480-112525-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	13		4.0	1.3	ug/L	4		8260C	Total/NA
Vinyl chloride	6.5		4.0	3.6	ug/L	4		8260C	Total/NA

Client Sample ID: MW-13S

Lab Sample ID: 480-112525-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	20		2.0	0.64	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	12		2.0	1.6	ug/L	2		8260C	Total/NA
Toluene	3.3		2.0	1.0	ug/L	2		8260C	Total/NA
Trichloroethene	2.1		2.0	0.92	ug/L	2		8260C	Total/NA
Vinyl chloride	44		2.0	1.8	ug/L	2		8260C	Total/NA

Client Sample ID: MW-13D

Lab Sample ID: 480-112525-5

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-13D (Continued)

Lab Sample ID: 480-112525-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	25		1.0	0.32	ug/L	1		8260C	Total/NA
Toluene	0.77	J	1.0	0.51	ug/L	1		8260C	Total/NA

Client Sample ID: MW-16S

Lab Sample ID: 480-112525-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1000		500	190	ug/L	500		8260C	Total/NA
1,1-Dichloroethene	150	J	500	150	ug/L	500		8260C	Total/NA
Chloroethane	1900		500	160	ug/L	500		8260C	Total/NA
cis-1,2-Dichloroethene	29000		500	410	ug/L	500		8260C	Total/NA
Toluene	400	J	500	260	ug/L	500		8260C	Total/NA
Vinyl chloride	66000	E	500	450	ug/L	500		8260C	Total/NA
1,1-Dichloroethane - DL	1000		1000	380	ug/L	1000		8260C	Total/NA
Chloroethane - DL	1700		1000	320	ug/L	1000		8260C	Total/NA
cis-1,2-Dichloroethene - DL	29000		1000	810	ug/L	1000		8260C	Total/NA
Vinyl chloride - DL	72000		1000	900	ug/L	1000		8260C	Total/NA

Client Sample ID: MW-16D

Lab Sample ID: 480-112525-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	290		10	3.2	ug/L	10		8260C	Total/NA
Vinyl chloride	23		10	9.0	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Method Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-2
Date Collected: 01/17/17 08:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/18/17 00:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/18/17 00:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/18/17 00:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/18/17 00:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/18/17 00:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/18/17 00:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/18/17 00:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/18/17 00:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/18/17 00:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/18/17 00:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/18/17 00:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/18/17 00:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/18/17 00:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/18/17 00:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/18/17 00:03	1
2-Hexanone	ND		5.0	1.2	ug/L			01/18/17 00:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/18/17 00:03	1
Acetone	6.1	J	10	3.0	ug/L			01/18/17 00:03	1
Benzene	ND		1.0	0.41	ug/L			01/18/17 00:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/18/17 00:03	1
Bromoform	ND		1.0	0.26	ug/L			01/18/17 00:03	1
Bromomethane	ND	*	1.0	0.69	ug/L			01/18/17 00:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/18/17 00:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/18/17 00:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/18/17 00:03	1
Chloroethane	1.7		1.0	0.32	ug/L			01/18/17 00:03	1
Chloroform	ND		1.0	0.34	ug/L			01/18/17 00:03	1
Chloromethane	ND		1.0	0.35	ug/L			01/18/17 00:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/18/17 00:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/18/17 00:03	1
Cyclohexane	0.48	J	1.0	0.18	ug/L			01/18/17 00:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/18/17 00:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/18/17 00:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/18/17 00:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/18/17 00:03	1
Methyl acetate	ND		2.5	1.3	ug/L			01/18/17 00:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/18/17 00:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/18/17 00:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/18/17 00:03	1
Styrene	ND		1.0	0.73	ug/L			01/18/17 00:03	1
Tetrachloroethane	ND		1.0	0.36	ug/L			01/18/17 00:03	1
Toluene	ND		1.0	0.51	ug/L			01/18/17 00:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/18/17 00:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/18/17 00:03	1
Trichloroethene	ND		1.0	0.46	ug/L			01/18/17 00:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/18/17 00:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/18/17 00:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/18/17 00:03	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-2
Date Collected: 01/17/17 08:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-1
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		01/18/17 00:03	1
4-Bromofluorobenzene (Surr)	101		73 - 120		01/18/17 00:03	1
Toluene-d8 (Surr)	100		80 - 120		01/18/17 00:03	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-6
Date Collected: 01/17/17 10:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/18/17 00:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/18/17 00:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/18/17 00:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/18/17 00:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/18/17 00:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/18/17 00:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/18/17 00:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/18/17 00:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/18/17 00:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/18/17 00:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/18/17 00:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/18/17 00:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/18/17 00:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/18/17 00:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/18/17 00:30	1
2-Hexanone	ND		5.0	1.2	ug/L			01/18/17 00:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/18/17 00:30	1
Acetone	ND		10	3.0	ug/L			01/18/17 00:30	1
Benzene	ND		1.0	0.41	ug/L			01/18/17 00:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/18/17 00:30	1
Bromoform	ND		1.0	0.26	ug/L			01/18/17 00:30	1
Bromomethane	ND	*	1.0	0.69	ug/L			01/18/17 00:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/18/17 00:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/18/17 00:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/18/17 00:30	1
Chloroethane	ND		1.0	0.32	ug/L			01/18/17 00:30	1
Chloroform	ND		1.0	0.34	ug/L			01/18/17 00:30	1
Chloromethane	ND		1.0	0.35	ug/L			01/18/17 00:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/18/17 00:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/18/17 00:30	1
Cyclohexane	ND		1.0	0.18	ug/L			01/18/17 00:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/18/17 00:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/18/17 00:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/18/17 00:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/18/17 00:30	1
Methyl acetate	ND		2.5	1.3	ug/L			01/18/17 00:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/18/17 00:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/18/17 00:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/18/17 00:30	1
Styrene	ND		1.0	0.73	ug/L			01/18/17 00:30	1
Tetrachloroethane	ND		1.0	0.36	ug/L			01/18/17 00:30	1
Toluene	ND		1.0	0.51	ug/L			01/18/17 00:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/18/17 00:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/18/17 00:30	1
Trichloroethene	ND		1.0	0.46	ug/L			01/18/17 00:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/18/17 00:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/18/17 00:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/18/17 00:30	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-6
Date Collected: 01/17/17 10:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-2
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/18/17 00:30	1
4-Bromofluorobenzene (Surr)	98		73 - 120		01/18/17 00:30	1
Toluene-d8 (Surr)	99		80 - 120		01/18/17 00:30	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-10
Date Collected: 01/17/17 09:15
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/18/17 14:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/18/17 14:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/18/17 14:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/18/17 14:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/18/17 14:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/18/17 14:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/18/17 14:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/18/17 14:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/18/17 14:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/18/17 14:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/18/17 14:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/18/17 14:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/18/17 14:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/18/17 14:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/18/17 14:33	1
2-Hexanone	ND		5.0	1.2	ug/L			01/18/17 14:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/18/17 14:33	1
Acetone	ND		10	3.0	ug/L			01/18/17 14:33	1
Benzene	ND		1.0	0.41	ug/L			01/18/17 14:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/18/17 14:33	1
Bromoform	ND		1.0	0.26	ug/L			01/18/17 14:33	1
Bromomethane	ND		1.0	0.69	ug/L			01/18/17 14:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/18/17 14:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/18/17 14:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/18/17 14:33	1
Chloroethane	ND		1.0	0.32	ug/L			01/18/17 14:33	1
Chloroform	ND		1.0	0.34	ug/L			01/18/17 14:33	1
Chloromethane	ND		1.0	0.35	ug/L			01/18/17 14:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/18/17 14:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/18/17 14:33	1
Cyclohexane	ND		1.0	0.18	ug/L			01/18/17 14:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/18/17 14:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/18/17 14:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/18/17 14:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/18/17 14:33	1
Methyl acetate	ND	*	2.5	1.3	ug/L			01/18/17 14:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/18/17 14:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/18/17 14:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/18/17 14:33	1
Styrene	ND		1.0	0.73	ug/L			01/18/17 14:33	1
Tetrachloroethane	ND		1.0	0.36	ug/L			01/18/17 14:33	1
Toluene	ND		1.0	0.51	ug/L			01/18/17 14:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/18/17 14:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/18/17 14:33	1
Trichloroethene	ND		1.0	0.46	ug/L			01/18/17 14:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/18/17 14:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/18/17 14:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/18/17 14:33	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-10

Date Collected: 01/17/17 09:15

Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-3

Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		01/18/17 14:33	1
4-Bromofluorobenzene (Surr)	96		73 - 120		01/18/17 14:33	1
Toluene-d8 (Surr)	92		80 - 120		01/18/17 14:33	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-11
Date Collected: 01/17/17 11:20
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/18/17 15:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/18/17 15:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/18/17 15:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/18/17 15:00	1
1,1-Dichloroethane	1.3		1.0	0.38	ug/L			01/18/17 15:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/18/17 15:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/18/17 15:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/18/17 15:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/18/17 15:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/18/17 15:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/18/17 15:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/18/17 15:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/18/17 15:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/18/17 15:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/18/17 15:00	1
2-Hexanone	ND		5.0	1.2	ug/L			01/18/17 15:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/18/17 15:00	1
Acetone	ND		10	3.0	ug/L			01/18/17 15:00	1
Benzene	ND		1.0	0.41	ug/L			01/18/17 15:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/18/17 15:00	1
Bromoform	ND		1.0	0.26	ug/L			01/18/17 15:00	1
Bromomethane	ND		1.0	0.69	ug/L			01/18/17 15:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/18/17 15:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/18/17 15:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/18/17 15:00	1
Chloroethane	ND		1.0	0.32	ug/L			01/18/17 15:00	1
Chloroform	ND		1.0	0.34	ug/L			01/18/17 15:00	1
Chloromethane	ND		1.0	0.35	ug/L			01/18/17 15:00	1
cis-1,2-Dichloroethene	3.8		1.0	0.81	ug/L			01/18/17 15:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/18/17 15:00	1
Cyclohexane	ND		1.0	0.18	ug/L			01/18/17 15:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/18/17 15:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/18/17 15:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/18/17 15:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/18/17 15:00	1
Methyl acetate	ND *		2.5	1.3	ug/L			01/18/17 15:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/18/17 15:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/18/17 15:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/18/17 15:00	1
Styrene	ND		1.0	0.73	ug/L			01/18/17 15:00	1
Tetrachloroethane	ND		1.0	0.36	ug/L			01/18/17 15:00	1
Toluene	ND		1.0	0.51	ug/L			01/18/17 15:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/18/17 15:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/18/17 15:00	1
Trichloroethene	ND		1.0	0.46	ug/L			01/18/17 15:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/18/17 15:00	1
Vinyl chloride	2.5		1.0	0.90	ug/L			01/18/17 15:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/18/17 15:00	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-11
Date Collected: 01/17/17 11:20
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-4
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		01/18/17 15:00	1
4-Bromofluorobenzene (Surr)	97		73 - 120		01/18/17 15:00	1
Toluene-d8 (Surr)	94		80 - 120		01/18/17 15:00	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: Duplicate

Lab Sample ID: 480-112334-5

Date Collected: 01/17/17 06:30

Matrix: Water

Date Received: 01/17/17 16:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/19/17 12:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/19/17 12:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/19/17 12:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/19/17 12:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/19/17 12:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/19/17 12:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/19/17 12:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/19/17 12:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/19/17 12:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/19/17 12:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/19/17 12:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/19/17 12:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/19/17 12:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/19/17 12:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/19/17 12:17	1
2-Hexanone	ND		5.0	1.2	ug/L			01/19/17 12:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/19/17 12:17	1
Acetone	ND		10	3.0	ug/L			01/19/17 12:17	1
Benzene	ND		1.0	0.41	ug/L			01/19/17 12:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/19/17 12:17	1
Bromoform	ND		1.0	0.26	ug/L			01/19/17 12:17	1
Bromomethane	ND		1.0	0.69	ug/L			01/19/17 12:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/19/17 12:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/19/17 12:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/19/17 12:17	1
Chloroethane	ND		1.0	0.32	ug/L			01/19/17 12:17	1
Chloroform	ND		1.0	0.34	ug/L			01/19/17 12:17	1
Chloromethane	ND		1.0	0.35	ug/L			01/19/17 12:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/19/17 12:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/19/17 12:17	1
Cyclohexane	ND		1.0	0.18	ug/L			01/19/17 12:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/19/17 12:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/19/17 12:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/19/17 12:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/19/17 12:17	1
Methyl acetate	ND		2.5	1.3	ug/L			01/19/17 12:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/19/17 12:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/19/17 12:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/19/17 12:17	1
Styrene	ND		1.0	0.73	ug/L			01/19/17 12:17	1
Tetrachloroethane	ND		1.0	0.36	ug/L			01/19/17 12:17	1
Toluene	ND		1.0	0.51	ug/L			01/19/17 12:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/19/17 12:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/19/17 12:17	1
Trichloroethene	ND		1.0	0.46	ug/L			01/19/17 12:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/19/17 12:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/19/17 12:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/19/17 12:17	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: Duplicate

Date Collected: 01/17/17 06:30

Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-5

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/19/17 12:17	1
4-Bromofluorobenzene (Surr)	99		73 - 120		01/19/17 12:17	1
Toluene-d8 (Surr)	94		80 - 120		01/19/17 12:17	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: Rinse
Date Collected: 01/17/17 07:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/18/17 15:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/18/17 15:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/18/17 15:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/18/17 15:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/18/17 15:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/18/17 15:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/18/17 15:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/18/17 15:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/18/17 15:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/18/17 15:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/18/17 15:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/18/17 15:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/18/17 15:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/18/17 15:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/18/17 15:54	1
2-Hexanone	ND		5.0	1.2	ug/L			01/18/17 15:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/18/17 15:54	1
Acetone	ND		10	3.0	ug/L			01/18/17 15:54	1
Benzene	ND		1.0	0.41	ug/L			01/18/17 15:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/18/17 15:54	1
Bromoform	ND		1.0	0.26	ug/L			01/18/17 15:54	1
Bromomethane	ND		1.0	0.69	ug/L			01/18/17 15:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/18/17 15:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/18/17 15:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/18/17 15:54	1
Chloroethane	ND		1.0	0.32	ug/L			01/18/17 15:54	1
Chloroform	ND		1.0	0.34	ug/L			01/18/17 15:54	1
Chloromethane	ND		1.0	0.35	ug/L			01/18/17 15:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/18/17 15:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/18/17 15:54	1
Cyclohexane	ND		1.0	0.18	ug/L			01/18/17 15:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/18/17 15:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/18/17 15:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/18/17 15:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/18/17 15:54	1
Methyl acetate	ND	*	2.5	1.3	ug/L			01/18/17 15:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/18/17 15:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/18/17 15:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/18/17 15:54	1
Styrene	ND		1.0	0.73	ug/L			01/18/17 15:54	1
Tetrachloroethane	ND		1.0	0.36	ug/L			01/18/17 15:54	1
Toluene	ND		1.0	0.51	ug/L			01/18/17 15:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/18/17 15:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/18/17 15:54	1
Trichloroethene	ND		1.0	0.46	ug/L			01/18/17 15:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/18/17 15:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/18/17 15:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/18/17 15:54	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: Rinse
Date Collected: 01/17/17 07:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-6
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		01/18/17 15:54	1
4-Bromofluorobenzene (Surr)	95		73 - 120		01/18/17 15:54	1
Toluene-d8 (Surr)	92		80 - 120		01/18/17 15:54	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-8R

Lab Sample ID: 480-112334-7

Date Collected: 01/17/17 12:30

Matrix: Water

Date Received: 01/17/17 16:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			01/18/17 16:20	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			01/18/17 16:20	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			01/18/17 16:20	100
1,1,2-Trichloroethane	ND		100	23	ug/L			01/18/17 16:20	100
1,1-Dichloroethane	200		100	38	ug/L			01/18/17 16:20	100
1,1-Dichloroethene	68	J	100	29	ug/L			01/18/17 16:20	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			01/18/17 16:20	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			01/18/17 16:20	100
1,2-Dibromoethane	ND		100	73	ug/L			01/18/17 16:20	100
1,2-Dichlorobenzene	ND		100	79	ug/L			01/18/17 16:20	100
1,2-Dichloroethane	ND		100	21	ug/L			01/18/17 16:20	100
1,2-Dichloropropane	ND		100	72	ug/L			01/18/17 16:20	100
1,3-Dichlorobenzene	ND		100	78	ug/L			01/18/17 16:20	100
1,4-Dichlorobenzene	ND		100	84	ug/L			01/18/17 16:20	100
2-Butanone (MEK)	ND		1000	130	ug/L			01/18/17 16:20	100
2-Hexanone	ND		500	120	ug/L			01/18/17 16:20	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			01/18/17 16:20	100
Acetone	ND		1000	300	ug/L			01/18/17 16:20	100
Benzene	ND		100	41	ug/L			01/18/17 16:20	100
Bromodichloromethane	ND		100	39	ug/L			01/18/17 16:20	100
Bromoform	ND		100	26	ug/L			01/18/17 16:20	100
Bromomethane	ND		100	69	ug/L			01/18/17 16:20	100
Carbon disulfide	ND		100	19	ug/L			01/18/17 16:20	100
Carbon tetrachloride	ND		100	27	ug/L			01/18/17 16:20	100
Chlorobenzene	ND		100	75	ug/L			01/18/17 16:20	100
Chloroethane	ND		100	32	ug/L			01/18/17 16:20	100
Chloroform	ND		100	34	ug/L			01/18/17 16:20	100
Chloromethane	ND		100	35	ug/L			01/18/17 16:20	100
cis-1,2-Dichloroethene	24000	E	100	81	ug/L			01/18/17 16:20	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			01/18/17 16:20	100
Cyclohexane	ND		100	18	ug/L			01/18/17 16:20	100
Dibromochloromethane	ND		100	32	ug/L			01/18/17 16:20	100
Dichlorodifluoromethane	ND		100	68	ug/L			01/18/17 16:20	100
Ethylbenzene	ND		100	74	ug/L			01/18/17 16:20	100
Isopropylbenzene	ND		100	79	ug/L			01/18/17 16:20	100
Methyl acetate	ND	*	250	130	ug/L			01/18/17 16:20	100
Methyl tert-butyl ether	ND		100	16	ug/L			01/18/17 16:20	100
Methylcyclohexane	ND		100	16	ug/L			01/18/17 16:20	100
Methylene Chloride	73	J	100	44	ug/L			01/18/17 16:20	100
Styrene	ND		100	73	ug/L			01/18/17 16:20	100
Tetrachloroethene	ND		100	36	ug/L			01/18/17 16:20	100
Toluene	ND		100	51	ug/L			01/18/17 16:20	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			01/18/17 16:20	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			01/18/17 16:20	100
Trichloroethene	ND		100	46	ug/L			01/18/17 16:20	100
Trichlorofluoromethane	ND		100	88	ug/L			01/18/17 16:20	100
Vinyl chloride	18000	E	100	90	ug/L			01/18/17 16:20	100
Xylenes, Total	ND		200	66	ug/L			01/18/17 16:20	100

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-8R

Date Collected: 01/17/17 12:30

Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-7

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		01/18/17 16:20	100
4-Bromofluorobenzene (Surr)	95		73 - 120		01/18/17 16:20	100
Toluene-d8 (Surr)	93		80 - 120		01/18/17 16:20	100

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		400	330	ug/L			01/19/17 12:44	400
1,1,2,2-Tetrachloroethane	ND		400	84	ug/L			01/19/17 12:44	400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		400	120	ug/L			01/19/17 12:44	400
1,1,2-Trichloroethane	ND		400	92	ug/L			01/19/17 12:44	400
1,1-Dichloroethane	170	J	400	150	ug/L			01/19/17 12:44	400
1,1-Dichloroethene	ND		400	120	ug/L			01/19/17 12:44	400
1,2,4-Trichlorobenzene	ND		400	160	ug/L			01/19/17 12:44	400
1,2-Dibromo-3-Chloropropane	ND		400	160	ug/L			01/19/17 12:44	400
1,2-Dibromoethane	ND		400	290	ug/L			01/19/17 12:44	400
1,2-Dichlorobenzene	ND		400	320	ug/L			01/19/17 12:44	400
1,2-Dichloroethane	ND		400	84	ug/L			01/19/17 12:44	400
1,2-Dichloropropane	ND		400	290	ug/L			01/19/17 12:44	400
1,3-Dichlorobenzene	ND		400	310	ug/L			01/19/17 12:44	400
1,4-Dichlorobenzene	ND		400	340	ug/L			01/19/17 12:44	400
2-Butanone (MEK)	ND		4000	530	ug/L			01/19/17 12:44	400
2-Hexanone	ND		2000	500	ug/L			01/19/17 12:44	400
4-Methyl-2-pentanone (MIBK)	ND		2000	840	ug/L			01/19/17 12:44	400
Acetone	ND		4000	1200	ug/L			01/19/17 12:44	400
Benzene	ND		400	160	ug/L			01/19/17 12:44	400
Bromodichloromethane	ND		400	160	ug/L			01/19/17 12:44	400
Bromoform	ND		400	100	ug/L			01/19/17 12:44	400
Bromomethane	ND		400	280	ug/L			01/19/17 12:44	400
Carbon disulfide	ND		400	76	ug/L			01/19/17 12:44	400
Carbon tetrachloride	ND		400	110	ug/L			01/19/17 12:44	400
Chlorobenzene	ND		400	300	ug/L			01/19/17 12:44	400
Chloroethane	ND		400	130	ug/L			01/19/17 12:44	400
Chloroform	ND		400	140	ug/L			01/19/17 12:44	400
Chloromethane	ND		400	140	ug/L			01/19/17 12:44	400
cis-1,2-Dichloroethene	24000		400	320	ug/L			01/19/17 12:44	400
cis-1,3-Dichloropropene	ND		400	140	ug/L			01/19/17 12:44	400
Cyclohexane	ND		400	72	ug/L			01/19/17 12:44	400
Dibromochloromethane	ND		400	130	ug/L			01/19/17 12:44	400
Dichlorodifluoromethane	ND		400	270	ug/L			01/19/17 12:44	400
Ethylbenzene	ND		400	300	ug/L			01/19/17 12:44	400
Isopropylbenzene	ND		400	320	ug/L			01/19/17 12:44	400
Methyl acetate	ND		1000	520	ug/L			01/19/17 12:44	400
Methyl tert-butyl ether	ND		400	64	ug/L			01/19/17 12:44	400
Methylcyclohexane	ND		400	64	ug/L			01/19/17 12:44	400
Methylene Chloride	ND		400	180	ug/L			01/19/17 12:44	400
Styrene	ND		400	290	ug/L			01/19/17 12:44	400
Tetrachloroethene	ND		400	140	ug/L			01/19/17 12:44	400
Toluene	ND		400	200	ug/L			01/19/17 12:44	400
trans-1,2-Dichloroethene	ND		400	360	ug/L			01/19/17 12:44	400
trans-1,3-Dichloropropene	ND		400	150	ug/L			01/19/17 12:44	400

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-8R
Date Collected: 01/17/17 12:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		400	180	ug/L			01/19/17 12:44	400
Trichlorofluoromethane	ND		400	350	ug/L			01/19/17 12:44	400
Vinyl chloride	18000		400	360	ug/L			01/19/17 12:44	400
Xylenes, Total	ND		800	260	ug/L			01/19/17 12:44	400

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/19/17 12:44	400
4-Bromofluorobenzene (Surr)	97		73 - 120		01/19/17 12:44	400
Toluene-d8 (Surr)	95		80 - 120		01/19/17 12:44	400

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: GWCT
Date Collected: 01/16/17 08:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-8
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/18/17 00:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/18/17 00:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/18/17 00:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/18/17 00:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/18/17 00:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/18/17 00:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/18/17 00:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/18/17 00:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/18/17 00:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/18/17 00:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/18/17 00:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/18/17 00:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/18/17 00:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/18/17 00:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/18/17 00:57	1
2-Hexanone	ND		5.0	1.2	ug/L			01/18/17 00:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/18/17 00:57	1
Acetone	ND		10	3.0	ug/L			01/18/17 00:57	1
Benzene	ND		1.0	0.41	ug/L			01/18/17 00:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/18/17 00:57	1
Bromoform	ND		1.0	0.26	ug/L			01/18/17 00:57	1
Bromomethane	ND	*	1.0	0.69	ug/L			01/18/17 00:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/18/17 00:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/18/17 00:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/18/17 00:57	1
Chloroethane	45		1.0	0.32	ug/L			01/18/17 00:57	1
Chloroform	ND		1.0	0.34	ug/L			01/18/17 00:57	1
Chloromethane	ND		1.0	0.35	ug/L			01/18/17 00:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/18/17 00:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/18/17 00:57	1
Cyclohexane	ND		1.0	0.18	ug/L			01/18/17 00:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/18/17 00:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/18/17 00:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/18/17 00:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/18/17 00:57	1
Methyl acetate	ND		2.5	1.3	ug/L			01/18/17 00:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/18/17 00:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/18/17 00:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/18/17 00:57	1
Styrene	ND		1.0	0.73	ug/L			01/18/17 00:57	1
Tetrachloroethane	ND		1.0	0.36	ug/L			01/18/17 00:57	1
Toluene	ND		1.0	0.51	ug/L			01/18/17 00:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/18/17 00:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/18/17 00:57	1
Trichloroethene	ND		1.0	0.46	ug/L			01/18/17 00:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/18/17 00:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/18/17 00:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/18/17 00:57	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: GWCT
Date Collected: 01/16/17 08:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-8
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		01/18/17 00:57	1
4-Bromofluorobenzene (Surr)	97		73 - 120		01/18/17 00:57	1
Toluene-d8 (Surr)	97		80 - 120		01/18/17 00:57	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-112334-9

Date Collected: 01/16/17 07:00

Matrix: Water

Date Received: 01/17/17 16:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/18/17 01:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/18/17 01:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/18/17 01:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/18/17 01:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/18/17 01:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/18/17 01:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/18/17 01:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/18/17 01:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/18/17 01:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/18/17 01:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/18/17 01:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/18/17 01:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/18/17 01:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/18/17 01:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/18/17 01:25	1
2-Hexanone	ND		5.0	1.2	ug/L			01/18/17 01:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/18/17 01:25	1
Acetone	ND		10	3.0	ug/L			01/18/17 01:25	1
Benzene	ND		1.0	0.41	ug/L			01/18/17 01:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/18/17 01:25	1
Bromoform	ND		1.0	0.26	ug/L			01/18/17 01:25	1
Bromomethane	ND	*	1.0	0.69	ug/L			01/18/17 01:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/18/17 01:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/18/17 01:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/18/17 01:25	1
Chloroethane	ND		1.0	0.32	ug/L			01/18/17 01:25	1
Chloroform	ND		1.0	0.34	ug/L			01/18/17 01:25	1
Chloromethane	ND		1.0	0.35	ug/L			01/18/17 01:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/18/17 01:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/18/17 01:25	1
Cyclohexane	ND		1.0	0.18	ug/L			01/18/17 01:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/18/17 01:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/18/17 01:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/18/17 01:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/18/17 01:25	1
Methyl acetate	ND		2.5	1.3	ug/L			01/18/17 01:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/18/17 01:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/18/17 01:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/18/17 01:25	1
Styrene	ND		1.0	0.73	ug/L			01/18/17 01:25	1
Tetrachloroethane	ND		1.0	0.36	ug/L			01/18/17 01:25	1
Toluene	ND		1.0	0.51	ug/L			01/18/17 01:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/18/17 01:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/18/17 01:25	1
Trichloroethene	ND		1.0	0.46	ug/L			01/18/17 01:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/18/17 01:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/18/17 01:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/18/17 01:25	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: Trip Blank

Date Collected: 01/16/17 07:00

Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-9

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	103		77 - 120		01/18/17 01:25	1
<i>4-Bromofluorobenzene (Surr)</i>	97		73 - 120		01/18/17 01:25	1
<i>Toluene-d8 (Surr)</i>	99		80 - 120		01/18/17 01:25	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-1
Date Collected: 01/16/17 15:45
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-10
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			01/18/17 01:52	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			01/18/17 01:52	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			01/18/17 01:52	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			01/18/17 01:52	20
1,1-Dichloroethane	20		20	7.6	ug/L			01/18/17 01:52	20
1,1-Dichloroethene	ND		20	5.8	ug/L			01/18/17 01:52	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			01/18/17 01:52	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			01/18/17 01:52	20
1,2-Dibromoethane	ND		20	15	ug/L			01/18/17 01:52	20
1,2-Dichlorobenzene	ND		20	16	ug/L			01/18/17 01:52	20
1,2-Dichloroethane	ND		20	4.2	ug/L			01/18/17 01:52	20
1,2-Dichloropropane	ND		20	14	ug/L			01/18/17 01:52	20
1,3-Dichlorobenzene	ND		20	16	ug/L			01/18/17 01:52	20
1,4-Dichlorobenzene	ND		20	17	ug/L			01/18/17 01:52	20
2-Butanone (MEK)	ND		200	26	ug/L			01/18/17 01:52	20
2-Hexanone	ND		100	25	ug/L			01/18/17 01:52	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			01/18/17 01:52	20
Acetone	65	J	200	60	ug/L			01/18/17 01:52	20
Benzene	ND		20	8.2	ug/L			01/18/17 01:52	20
Bromodichloromethane	ND		20	7.8	ug/L			01/18/17 01:52	20
Bromoform	ND		20	5.2	ug/L			01/18/17 01:52	20
Bromomethane	ND	*	20	14	ug/L			01/18/17 01:52	20
Carbon disulfide	ND		20	3.8	ug/L			01/18/17 01:52	20
Carbon tetrachloride	ND		20	5.4	ug/L			01/18/17 01:52	20
Chlorobenzene	ND		20	15	ug/L			01/18/17 01:52	20
Chloroethane	15	J	20	6.4	ug/L			01/18/17 01:52	20
Chloroform	ND		20	6.8	ug/L			01/18/17 01:52	20
Chloromethane	ND		20	7.0	ug/L			01/18/17 01:52	20
cis-1,2-Dichloroethene	16	J	20	16	ug/L			01/18/17 01:52	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			01/18/17 01:52	20
Cyclohexane	ND		20	3.6	ug/L			01/18/17 01:52	20
Dibromochloromethane	ND		20	6.4	ug/L			01/18/17 01:52	20
Dichlorodifluoromethane	ND		20	14	ug/L			01/18/17 01:52	20
Ethylbenzene	ND		20	15	ug/L			01/18/17 01:52	20
Isopropylbenzene	ND		20	16	ug/L			01/18/17 01:52	20
Methyl acetate	ND		50	26	ug/L			01/18/17 01:52	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			01/18/17 01:52	20
Methylcyclohexane	ND		20	3.2	ug/L			01/18/17 01:52	20
Methylene Chloride	ND		20	8.8	ug/L			01/18/17 01:52	20
Styrene	ND		20	15	ug/L			01/18/17 01:52	20
Tetrachloroethane	ND		20	7.2	ug/L			01/18/17 01:52	20
Toluene	ND		20	10	ug/L			01/18/17 01:52	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			01/18/17 01:52	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			01/18/17 01:52	20
Trichloroethene	ND		20	9.2	ug/L			01/18/17 01:52	20
Trichlorofluoromethane	ND		20	18	ug/L			01/18/17 01:52	20
Vinyl chloride	ND		20	18	ug/L			01/18/17 01:52	20
Xylenes, Total	ND		40	13	ug/L			01/18/17 01:52	20

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-1
Date Collected: 01/16/17 15:45
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-10
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		01/18/17 01:52	20
4-Bromofluorobenzene (Surr)	95		73 - 120		01/18/17 01:52	20
Toluene-d8 (Surr)	97		80 - 120		01/18/17 01:52	20

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-2
Date Collected: 01/16/17 14:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-11
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/18/17 12:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/18/17 12:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/18/17 12:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/18/17 12:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/18/17 12:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/18/17 12:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/18/17 12:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/18/17 12:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/18/17 12:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/18/17 12:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/18/17 12:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/18/17 12:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/18/17 12:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/18/17 12:16	1
2-Butanone (MEK)	3.2	J	10	1.3	ug/L			01/18/17 12:16	1
2-Hexanone	ND		5.0	1.2	ug/L			01/18/17 12:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/18/17 12:16	1
Acetone	ND		10	3.0	ug/L			01/18/17 12:16	1
Benzene	ND		1.0	0.41	ug/L			01/18/17 12:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/18/17 12:16	1
Bromoform	ND		1.0	0.26	ug/L			01/18/17 12:16	1
Bromomethane	ND		1.0	0.69	ug/L			01/18/17 12:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/18/17 12:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/18/17 12:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/18/17 12:16	1
Chloroethane	2.5		1.0	0.32	ug/L			01/18/17 12:16	1
Chloroform	ND		1.0	0.34	ug/L			01/18/17 12:16	1
Chloromethane	ND		1.0	0.35	ug/L			01/18/17 12:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/18/17 12:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/18/17 12:16	1
Cyclohexane	ND		1.0	0.18	ug/L			01/18/17 12:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/18/17 12:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/18/17 12:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/18/17 12:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/18/17 12:16	1
Methyl acetate	ND	*	2.5	1.3	ug/L			01/18/17 12:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/18/17 12:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/18/17 12:16	1
Methylene Chloride	0.51	J	1.0	0.44	ug/L			01/18/17 12:16	1
Styrene	ND		1.0	0.73	ug/L			01/18/17 12:16	1
Tetrachloroethane	ND		1.0	0.36	ug/L			01/18/17 12:16	1
Toluene	ND		1.0	0.51	ug/L			01/18/17 12:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/18/17 12:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/18/17 12:16	1
Trichloroethene	ND		1.0	0.46	ug/L			01/18/17 12:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/18/17 12:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/18/17 12:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/18/17 12:16	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-2
Date Collected: 01/16/17 14:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-11
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		01/18/17 12:16	1
4-Bromofluorobenzene (Surr)	95		73 - 120		01/18/17 12:16	1
Toluene-d8 (Surr)	93		80 - 120		01/18/17 12:16	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-3
Date Collected: 01/16/17 12:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-12
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			01/18/17 02:47	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			01/18/17 02:47	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			01/18/17 02:47	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			01/18/17 02:47	20
1,1-Dichloroethane	ND		20	7.6	ug/L			01/18/17 02:47	20
1,1-Dichloroethene	ND		20	5.8	ug/L			01/18/17 02:47	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			01/18/17 02:47	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			01/18/17 02:47	20
1,2-Dibromoethane	ND		20	15	ug/L			01/18/17 02:47	20
1,2-Dichlorobenzene	ND		20	16	ug/L			01/18/17 02:47	20
1,2-Dichloroethane	ND		20	4.2	ug/L			01/18/17 02:47	20
1,2-Dichloropropane	ND		20	14	ug/L			01/18/17 02:47	20
1,3-Dichlorobenzene	ND		20	16	ug/L			01/18/17 02:47	20
1,4-Dichlorobenzene	ND		20	17	ug/L			01/18/17 02:47	20
2-Butanone (MEK)	ND		200	26	ug/L			01/18/17 02:47	20
2-Hexanone	ND		100	25	ug/L			01/18/17 02:47	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			01/18/17 02:47	20
Acetone	ND		200	60	ug/L			01/18/17 02:47	20
Benzene	ND		20	8.2	ug/L			01/18/17 02:47	20
Bromodichloromethane	ND		20	7.8	ug/L			01/18/17 02:47	20
Bromoform	ND		20	5.2	ug/L			01/18/17 02:47	20
Bromomethane	ND	*	20	14	ug/L			01/18/17 02:47	20
Carbon disulfide	ND		20	3.8	ug/L			01/18/17 02:47	20
Carbon tetrachloride	ND		20	5.4	ug/L			01/18/17 02:47	20
Chlorobenzene	ND		20	15	ug/L			01/18/17 02:47	20
Chloroethane	ND		20	6.4	ug/L			01/18/17 02:47	20
Chloroform	ND		20	6.8	ug/L			01/18/17 02:47	20
Chloromethane	ND		20	7.0	ug/L			01/18/17 02:47	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			01/18/17 02:47	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			01/18/17 02:47	20
Cyclohexane	ND		20	3.6	ug/L			01/18/17 02:47	20
Dibromochloromethane	ND		20	6.4	ug/L			01/18/17 02:47	20
Dichlorodifluoromethane	ND		20	14	ug/L			01/18/17 02:47	20
Ethylbenzene	ND		20	15	ug/L			01/18/17 02:47	20
Isopropylbenzene	ND		20	16	ug/L			01/18/17 02:47	20
Methyl acetate	ND		50	26	ug/L			01/18/17 02:47	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			01/18/17 02:47	20
Methylcyclohexane	ND		20	3.2	ug/L			01/18/17 02:47	20
Methylene Chloride	ND		20	8.8	ug/L			01/18/17 02:47	20
Styrene	ND		20	15	ug/L			01/18/17 02:47	20
Tetrachloroethane	ND		20	7.2	ug/L			01/18/17 02:47	20
Toluene	ND		20	10	ug/L			01/18/17 02:47	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			01/18/17 02:47	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			01/18/17 02:47	20
Trichloroethene	ND		20	9.2	ug/L			01/18/17 02:47	20
Trichlorofluoromethane	ND		20	18	ug/L			01/18/17 02:47	20
Vinyl chloride	45		20	18	ug/L			01/18/17 02:47	20
Xylenes, Total	ND		40	13	ug/L			01/18/17 02:47	20

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-3
Date Collected: 01/16/17 12:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-12
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		01/18/17 02:47	20
4-Bromofluorobenzene (Surr)	92		73 - 120		01/18/17 02:47	20
Toluene-d8 (Surr)	98		80 - 120		01/18/17 02:47	20

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-4
Date Collected: 01/16/17 12:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-13
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			01/18/17 12:43	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			01/18/17 12:43	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			01/18/17 12:43	100
1,1,2-Trichloroethane	ND		100	23	ug/L			01/18/17 12:43	100
1,1-Dichloroethane	ND		100	38	ug/L			01/18/17 12:43	100
1,1-Dichloroethene	ND		100	29	ug/L			01/18/17 12:43	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			01/18/17 12:43	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			01/18/17 12:43	100
1,2-Dibromoethane	ND		100	73	ug/L			01/18/17 12:43	100
1,2-Dichlorobenzene	ND		100	79	ug/L			01/18/17 12:43	100
1,2-Dichloroethane	ND		100	21	ug/L			01/18/17 12:43	100
1,2-Dichloropropane	ND		100	72	ug/L			01/18/17 12:43	100
1,3-Dichlorobenzene	ND		100	78	ug/L			01/18/17 12:43	100
1,4-Dichlorobenzene	ND		100	84	ug/L			01/18/17 12:43	100
2-Butanone (MEK)	ND		1000	130	ug/L			01/18/17 12:43	100
2-Hexanone	ND		500	120	ug/L			01/18/17 12:43	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			01/18/17 12:43	100
Acetone	ND		1000	300	ug/L			01/18/17 12:43	100
Benzene	ND		100	41	ug/L			01/18/17 12:43	100
Bromodichloromethane	ND		100	39	ug/L			01/18/17 12:43	100
Bromoform	ND		100	26	ug/L			01/18/17 12:43	100
Bromomethane	ND		100	69	ug/L			01/18/17 12:43	100
Carbon disulfide	ND		100	19	ug/L			01/18/17 12:43	100
Carbon tetrachloride	ND		100	27	ug/L			01/18/17 12:43	100
Chlorobenzene	ND		100	75	ug/L			01/18/17 12:43	100
Chloroethane	ND		100	32	ug/L			01/18/17 12:43	100
Chloroform	ND		100	34	ug/L			01/18/17 12:43	100
Chloromethane	ND		100	35	ug/L			01/18/17 12:43	100
cis-1,2-Dichloroethene	4300		100	81	ug/L			01/18/17 12:43	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			01/18/17 12:43	100
Cyclohexane	ND		100	18	ug/L			01/18/17 12:43	100
Dibromochloromethane	ND		100	32	ug/L			01/18/17 12:43	100
Dichlorodifluoromethane	ND		100	68	ug/L			01/18/17 12:43	100
Ethylbenzene	ND		100	74	ug/L			01/18/17 12:43	100
Isopropylbenzene	ND		100	79	ug/L			01/18/17 12:43	100
Methyl acetate	ND	*	250	130	ug/L			01/18/17 12:43	100
Methyl tert-butyl ether	ND		100	16	ug/L			01/18/17 12:43	100
Methylcyclohexane	ND		100	16	ug/L			01/18/17 12:43	100
Methylene Chloride	81	J	100	44	ug/L			01/18/17 12:43	100
Styrene	ND		100	73	ug/L			01/18/17 12:43	100
Tetrachloroethane	ND		100	36	ug/L			01/18/17 12:43	100
Toluene	ND		100	51	ug/L			01/18/17 12:43	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			01/18/17 12:43	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			01/18/17 12:43	100
Trichloroethene	ND		100	46	ug/L			01/18/17 12:43	100
Trichlorofluoromethane	ND		100	88	ug/L			01/18/17 12:43	100
Vinyl chloride	1100		100	90	ug/L			01/18/17 12:43	100
Xylenes, Total	ND		200	66	ug/L			01/18/17 12:43	100

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-4
Date Collected: 01/16/17 12:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-13
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		01/18/17 12:43	100
4-Bromofluorobenzene (Surr)	97		73 - 120		01/18/17 12:43	100
Toluene-d8 (Surr)	91		80 - 120		01/18/17 12:43	100

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-5
Date Collected: 01/16/17 15:15
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-14
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			01/18/17 03:42	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			01/18/17 03:42	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			01/18/17 03:42	50
1,1,2-Trichloroethane	ND		50	12	ug/L			01/18/17 03:42	50
1,1-Dichloroethane	150		50	19	ug/L			01/18/17 03:42	50
1,1-Dichloroethene	82		50	15	ug/L			01/18/17 03:42	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			01/18/17 03:42	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			01/18/17 03:42	50
1,2-Dibromoethane	ND		50	37	ug/L			01/18/17 03:42	50
1,2-Dichlorobenzene	ND		50	40	ug/L			01/18/17 03:42	50
1,2-Dichloroethane	ND		50	11	ug/L			01/18/17 03:42	50
1,2-Dichloropropane	ND		50	36	ug/L			01/18/17 03:42	50
1,3-Dichlorobenzene	ND		50	39	ug/L			01/18/17 03:42	50
1,4-Dichlorobenzene	ND		50	42	ug/L			01/18/17 03:42	50
2-Butanone (MEK)	ND		500	66	ug/L			01/18/17 03:42	50
2-Hexanone	ND		250	62	ug/L			01/18/17 03:42	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			01/18/17 03:42	50
Acetone	160	J	500	150	ug/L			01/18/17 03:42	50
Benzene	ND		50	21	ug/L			01/18/17 03:42	50
Bromodichloromethane	ND		50	20	ug/L			01/18/17 03:42	50
Bromoform	ND		50	13	ug/L			01/18/17 03:42	50
Bromomethane	ND	F2 *	50	35	ug/L			01/18/17 03:42	50
Carbon disulfide	ND		50	9.5	ug/L			01/18/17 03:42	50
Carbon tetrachloride	ND		50	14	ug/L			01/18/17 03:42	50
Chlorobenzene	ND		50	38	ug/L			01/18/17 03:42	50
Chloroethane	130		50	16	ug/L			01/18/17 03:42	50
Chloroform	ND		50	17	ug/L			01/18/17 03:42	50
Chloromethane	ND		50	18	ug/L			01/18/17 03:42	50
cis-1,2-Dichloroethene	32000	E	50	41	ug/L			01/18/17 03:42	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			01/18/17 03:42	50
Cyclohexane	ND		50	9.0	ug/L			01/18/17 03:42	50
Dibromochloromethane	ND		50	16	ug/L			01/18/17 03:42	50
Dichlorodifluoromethane	ND		50	34	ug/L			01/18/17 03:42	50
Ethylbenzene	ND		50	37	ug/L			01/18/17 03:42	50
Isopropylbenzene	ND		50	40	ug/L			01/18/17 03:42	50
Methyl acetate	ND		130	65	ug/L			01/18/17 03:42	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			01/18/17 03:42	50
Methylcyclohexane	ND		50	8.0	ug/L			01/18/17 03:42	50
Methylene Chloride	26	J	50	22	ug/L			01/18/17 03:42	50
Styrene	ND		50	37	ug/L			01/18/17 03:42	50
Tetrachloroethane	ND		50	18	ug/L			01/18/17 03:42	50
Toluene	37	J	50	26	ug/L			01/18/17 03:42	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			01/18/17 03:42	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			01/18/17 03:42	50
Trichloroethene	250		50	23	ug/L			01/18/17 03:42	50
Trichlorofluoromethane	ND		50	44	ug/L			01/18/17 03:42	50
Vinyl chloride	6600	E	50	45	ug/L			01/18/17 03:42	50
Xylenes, Total	ND		100	33	ug/L			01/18/17 03:42	50

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-5
Date Collected: 01/16/17 15:15
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		01/18/17 03:42	50
4-Bromofluorobenzene (Surr)	93		73 - 120		01/18/17 03:42	50
Toluene-d8 (Surr)	98		80 - 120		01/18/17 03:42	50

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500	410	ug/L			01/18/17 13:10	500
1,1,2,2-Tetrachloroethane	ND		500	110	ug/L			01/18/17 13:10	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	160	ug/L			01/18/17 13:10	500
1,1,2-Trichloroethane	ND		500	120	ug/L			01/18/17 13:10	500
1,1-Dichloroethane	ND		500	190	ug/L			01/18/17 13:10	500
1,1-Dichloroethene	ND		500	150	ug/L			01/18/17 13:10	500
1,2,4-Trichlorobenzene	ND		500	210	ug/L			01/18/17 13:10	500
1,2-Dibromo-3-Chloropropane	ND		500	200	ug/L			01/18/17 13:10	500
1,2-Dibromoethane	ND		500	370	ug/L			01/18/17 13:10	500
1,2-Dichlorobenzene	ND		500	400	ug/L			01/18/17 13:10	500
1,2-Dichloroethane	ND		500	110	ug/L			01/18/17 13:10	500
1,2-Dichloropropane	ND		500	360	ug/L			01/18/17 13:10	500
1,3-Dichlorobenzene	ND		500	390	ug/L			01/18/17 13:10	500
1,4-Dichlorobenzene	ND		500	420	ug/L			01/18/17 13:10	500
2-Butanone (MEK)	ND		5000	660	ug/L			01/18/17 13:10	500
2-Hexanone	ND		2500	620	ug/L			01/18/17 13:10	500
4-Methyl-2-pentanone (MIBK)	ND		2500	1100	ug/L			01/18/17 13:10	500
Acetone	ND		5000	1500	ug/L			01/18/17 13:10	500
Benzene	ND		500	210	ug/L			01/18/17 13:10	500
Bromodichloromethane	ND		500	200	ug/L			01/18/17 13:10	500
Bromoform	ND		500	130	ug/L			01/18/17 13:10	500
Bromomethane	ND		500	350	ug/L			01/18/17 13:10	500
Carbon disulfide	ND		500	95	ug/L			01/18/17 13:10	500
Carbon tetrachloride	ND		500	140	ug/L			01/18/17 13:10	500
Chlorobenzene	ND		500	380	ug/L			01/18/17 13:10	500
Chloroethane	ND		500	160	ug/L			01/18/17 13:10	500
Chloroform	ND		500	170	ug/L			01/18/17 13:10	500
Chloromethane	ND		500	180	ug/L			01/18/17 13:10	500
cis-1,2-Dichloroethene	33000		500	410	ug/L			01/18/17 13:10	500
cis-1,3-Dichloropropene	ND		500	180	ug/L			01/18/17 13:10	500
Cyclohexane	ND		500	90	ug/L			01/18/17 13:10	500
Dibromochloromethane	ND		500	160	ug/L			01/18/17 13:10	500
Dichlorodifluoromethane	ND		500	340	ug/L			01/18/17 13:10	500
Ethylbenzene	ND		500	370	ug/L			01/18/17 13:10	500
Isopropylbenzene	ND		500	400	ug/L			01/18/17 13:10	500
Methyl acetate	ND	*	1300	650	ug/L			01/18/17 13:10	500
Methyl tert-butyl ether	ND		500	80	ug/L			01/18/17 13:10	500
Methylcyclohexane	ND		500	80	ug/L			01/18/17 13:10	500
Methylene Chloride	430	J	500	220	ug/L			01/18/17 13:10	500
Styrene	ND		500	370	ug/L			01/18/17 13:10	500
Tetrachloroethene	ND		500	180	ug/L			01/18/17 13:10	500
Toluene	ND		500	260	ug/L			01/18/17 13:10	500
trans-1,2-Dichloroethene	ND		500	450	ug/L			01/18/17 13:10	500
trans-1,3-Dichloropropene	ND		500	190	ug/L			01/18/17 13:10	500

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-5
Date Collected: 01/16/17 15:15
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-14
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	230	J	500	230	ug/L			01/18/17 13:10	500
Trichlorofluoromethane	ND		500	440	ug/L			01/18/17 13:10	500
Vinyl chloride	6400		500	450	ug/L			01/18/17 13:10	500
Xylenes, Total	ND		1000	330	ug/L			01/18/17 13:10	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120					01/18/17 13:10	500
4-Bromofluorobenzene (Surr)	94		73 - 120					01/18/17 13:10	500
Toluene-d8 (Surr)	92		80 - 120					01/18/17 13:10	500

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-7
Date Collected: 01/16/17 11:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-15
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			01/19/17 13:11	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			01/19/17 13:11	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			01/19/17 13:11	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			01/19/17 13:11	20
1,1-Dichloroethane	91		20	7.6	ug/L			01/19/17 13:11	20
1,1-Dichloroethene	ND		20	5.8	ug/L			01/19/17 13:11	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			01/19/17 13:11	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			01/19/17 13:11	20
1,2-Dibromoethane	ND		20	15	ug/L			01/19/17 13:11	20
1,2-Dichlorobenzene	ND		20	16	ug/L			01/19/17 13:11	20
1,2-Dichloroethane	ND		20	4.2	ug/L			01/19/17 13:11	20
1,2-Dichloropropane	ND		20	14	ug/L			01/19/17 13:11	20
1,3-Dichlorobenzene	ND		20	16	ug/L			01/19/17 13:11	20
1,4-Dichlorobenzene	ND		20	17	ug/L			01/19/17 13:11	20
2-Butanone (MEK)	270		200	26	ug/L			01/19/17 13:11	20
2-Hexanone	ND		100	25	ug/L			01/19/17 13:11	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			01/19/17 13:11	20
Acetone	140	J	200	60	ug/L			01/19/17 13:11	20
Benzene	ND		20	8.2	ug/L			01/19/17 13:11	20
Bromodichloromethane	ND		20	7.8	ug/L			01/19/17 13:11	20
Bromoform	ND		20	5.2	ug/L			01/19/17 13:11	20
Bromomethane	ND		20	14	ug/L			01/19/17 13:11	20
Carbon disulfide	ND		20	3.8	ug/L			01/19/17 13:11	20
Carbon tetrachloride	ND		20	5.4	ug/L			01/19/17 13:11	20
Chlorobenzene	ND		20	15	ug/L			01/19/17 13:11	20
Chloroethane	530	F1	20	6.4	ug/L			01/19/17 13:11	20
Chloroform	ND		20	6.8	ug/L			01/19/17 13:11	20
Chloromethane	ND		20	7.0	ug/L			01/19/17 13:11	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			01/19/17 13:11	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			01/19/17 13:11	20
Cyclohexane	ND		20	3.6	ug/L			01/19/17 13:11	20
Dibromochloromethane	ND		20	6.4	ug/L			01/19/17 13:11	20
Dichlorodifluoromethane	ND		20	14	ug/L			01/19/17 13:11	20
Ethylbenzene	ND		20	15	ug/L			01/19/17 13:11	20
Isopropylbenzene	ND		20	16	ug/L			01/19/17 13:11	20
Methyl acetate	ND		50	26	ug/L			01/19/17 13:11	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			01/19/17 13:11	20
Methylcyclohexane	ND		20	3.2	ug/L			01/19/17 13:11	20
Methylene Chloride	12	J	20	8.8	ug/L			01/19/17 13:11	20
Styrene	ND		20	15	ug/L			01/19/17 13:11	20
Tetrachloroethane	ND		20	7.2	ug/L			01/19/17 13:11	20
Toluene	ND		20	10	ug/L			01/19/17 13:11	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			01/19/17 13:11	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			01/19/17 13:11	20
Trichloroethene	ND		20	9.2	ug/L			01/19/17 13:11	20
Trichlorofluoromethane	ND		20	18	ug/L			01/19/17 13:11	20
Vinyl chloride	50		20	18	ug/L			01/19/17 13:11	20
Xylenes, Total	ND		40	13	ug/L			01/19/17 13:11	20

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-7
Date Collected: 01/16/17 11:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-15
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		01/19/17 13:11	20
4-Bromofluorobenzene (Surr)	97		73 - 120		01/19/17 13:11	20
Toluene-d8 (Surr)	98		80 - 120		01/19/17 13:11	20

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-8
Date Collected: 01/16/17 11:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-16
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	170		40	33	ug/L			01/18/17 04:37	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			01/18/17 04:37	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			01/18/17 04:37	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			01/18/17 04:37	40
1,1-Dichloroethane	130		40	15	ug/L			01/18/17 04:37	40
1,1-Dichloroethene	27	J	40	12	ug/L			01/18/17 04:37	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			01/18/17 04:37	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			01/18/17 04:37	40
1,2-Dibromoethane	ND		40	29	ug/L			01/18/17 04:37	40
1,2-Dichlorobenzene	ND		40	32	ug/L			01/18/17 04:37	40
1,2-Dichloroethane	ND		40	8.4	ug/L			01/18/17 04:37	40
1,2-Dichloropropane	ND		40	29	ug/L			01/18/17 04:37	40
1,3-Dichlorobenzene	ND		40	31	ug/L			01/18/17 04:37	40
1,4-Dichlorobenzene	ND		40	34	ug/L			01/18/17 04:37	40
2-Butanone (MEK)	ND		400	53	ug/L			01/18/17 04:37	40
2-Hexanone	ND		200	50	ug/L			01/18/17 04:37	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			01/18/17 04:37	40
Acetone	ND		400	120	ug/L			01/18/17 04:37	40
Benzene	ND		40	16	ug/L			01/18/17 04:37	40
Bromodichloromethane	ND		40	16	ug/L			01/18/17 04:37	40
Bromoform	ND		40	10	ug/L			01/18/17 04:37	40
Bromomethane	ND	*	40	28	ug/L			01/18/17 04:37	40
Carbon disulfide	ND		40	7.6	ug/L			01/18/17 04:37	40
Carbon tetrachloride	ND		40	11	ug/L			01/18/17 04:37	40
Chlorobenzene	ND		40	30	ug/L			01/18/17 04:37	40
Chloroethane	ND		40	13	ug/L			01/18/17 04:37	40
Chloroform	ND		40	14	ug/L			01/18/17 04:37	40
Chloromethane	ND		40	14	ug/L			01/18/17 04:37	40
cis-1,2-Dichloroethene	5000	E	40	32	ug/L			01/18/17 04:37	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			01/18/17 04:37	40
Cyclohexane	ND		40	7.2	ug/L			01/18/17 04:37	40
Dibromochloromethane	ND		40	13	ug/L			01/18/17 04:37	40
Dichlorodifluoromethane	ND		40	27	ug/L			01/18/17 04:37	40
Ethylbenzene	ND		40	30	ug/L			01/18/17 04:37	40
Isopropylbenzene	ND		40	32	ug/L			01/18/17 04:37	40
Methyl acetate	ND		100	52	ug/L			01/18/17 04:37	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			01/18/17 04:37	40
Methylcyclohexane	ND		40	6.4	ug/L			01/18/17 04:37	40
Methylene Chloride	ND		40	18	ug/L			01/18/17 04:37	40
Styrene	ND		40	29	ug/L			01/18/17 04:37	40
Tetrachloroethene	ND		40	14	ug/L			01/18/17 04:37	40
Toluene	ND		40	20	ug/L			01/18/17 04:37	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			01/18/17 04:37	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			01/18/17 04:37	40
Trichloroethene	98		40	18	ug/L			01/18/17 04:37	40
Trichlorofluoromethane	ND		40	35	ug/L			01/18/17 04:37	40
Vinyl chloride	920		40	36	ug/L			01/18/17 04:37	40
Xylenes, Total	ND		80	26	ug/L			01/18/17 04:37	40

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-8
Date Collected: 01/16/17 11:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		01/18/17 04:37	40
4-Bromofluorobenzene (Surr)	95		73 - 120		01/18/17 04:37	40
Toluene-d8 (Surr)	99		80 - 120		01/18/17 04:37	40

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	140		100	82	ug/L			01/18/17 14:04	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			01/18/17 14:04	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			01/18/17 14:04	100
1,1,2-Trichloroethane	ND		100	23	ug/L			01/18/17 14:04	100
1,1-Dichloroethane	96	J	100	38	ug/L			01/18/17 14:04	100
1,1-Dichloroethene	ND		100	29	ug/L			01/18/17 14:04	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			01/18/17 14:04	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			01/18/17 14:04	100
1,2-Dibromoethane	ND		100	73	ug/L			01/18/17 14:04	100
1,2-Dichlorobenzene	ND		100	79	ug/L			01/18/17 14:04	100
1,2-Dichloroethane	ND		100	21	ug/L			01/18/17 14:04	100
1,2-Dichloropropane	ND		100	72	ug/L			01/18/17 14:04	100
1,3-Dichlorobenzene	ND		100	78	ug/L			01/18/17 14:04	100
1,4-Dichlorobenzene	ND		100	84	ug/L			01/18/17 14:04	100
2-Butanone (MEK)	ND		1000	130	ug/L			01/18/17 14:04	100
2-Hexanone	ND		500	120	ug/L			01/18/17 14:04	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			01/18/17 14:04	100
Acetone	ND		1000	300	ug/L			01/18/17 14:04	100
Benzene	ND		100	41	ug/L			01/18/17 14:04	100
Bromodichloromethane	ND		100	39	ug/L			01/18/17 14:04	100
Bromoform	ND		100	26	ug/L			01/18/17 14:04	100
Bromomethane	ND		100	69	ug/L			01/18/17 14:04	100
Carbon disulfide	ND		100	19	ug/L			01/18/17 14:04	100
Carbon tetrachloride	ND		100	27	ug/L			01/18/17 14:04	100
Chlorobenzene	ND		100	75	ug/L			01/18/17 14:04	100
Chloroethane	ND		100	32	ug/L			01/18/17 14:04	100
Chloroform	ND		100	34	ug/L			01/18/17 14:04	100
Chloromethane	ND		100	35	ug/L			01/18/17 14:04	100
cis-1,2-Dichloroethene	4100		100	81	ug/L			01/18/17 14:04	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			01/18/17 14:04	100
Cyclohexane	ND		100	18	ug/L			01/18/17 14:04	100
Dibromochloromethane	ND		100	32	ug/L			01/18/17 14:04	100
Dichlorodifluoromethane	ND		100	68	ug/L			01/18/17 14:04	100
Ethylbenzene	ND		100	74	ug/L			01/18/17 14:04	100
Isopropylbenzene	ND		100	79	ug/L			01/18/17 14:04	100
Methyl acetate	ND	*	250	130	ug/L			01/18/17 14:04	100
Methyl tert-butyl ether	ND		100	16	ug/L			01/18/17 14:04	100
Methylcyclohexane	ND		100	16	ug/L			01/18/17 14:04	100
Methylene Chloride	62	J	100	44	ug/L			01/18/17 14:04	100
Styrene	ND		100	73	ug/L			01/18/17 14:04	100
Tetrachloroethene	ND		100	36	ug/L			01/18/17 14:04	100
Toluene	ND		100	51	ug/L			01/18/17 14:04	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			01/18/17 14:04	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			01/18/17 14:04	100

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-8
Date Collected: 01/16/17 11:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-16
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	81	J	100	46	ug/L			01/18/17 14:04	100
Trichlorofluoromethane	ND		100	88	ug/L			01/18/17 14:04	100
Vinyl chloride	760		100	90	ug/L			01/18/17 14:04	100
Xylenes, Total	ND		200	66	ug/L			01/18/17 14:04	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					01/18/17 14:04	100
4-Bromofluorobenzene (Surr)	97		73 - 120					01/18/17 14:04	100
Toluene-d8 (Surr)	91		80 - 120					01/18/17 14:04	100

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-3
Date Collected: 01/19/17 08:00
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/25/17 00:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/25/17 00:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/25/17 00:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/25/17 00:10	1
1,1-Dichloroethane	13		1.0	0.38	ug/L			01/25/17 00:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/25/17 00:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/17 00:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/25/17 00:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/25/17 00:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/17 00:10	1
1,2-Dichloroethane	0.28	J	1.0	0.21	ug/L			01/25/17 00:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/25/17 00:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/17 00:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/17 00:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/17 00:10	1
2-Hexanone	ND		5.0	1.2	ug/L			01/25/17 00:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/25/17 00:10	1
Acetone	ND		10	3.0	ug/L			01/25/17 00:10	1
Benzene	ND		1.0	0.41	ug/L			01/25/17 00:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/25/17 00:10	1
Bromoform	ND		1.0	0.26	ug/L			01/25/17 00:10	1
Bromomethane	ND		1.0	0.69	ug/L			01/25/17 00:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/25/17 00:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/25/17 00:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/25/17 00:10	1
Chloroethane	7.5		1.0	0.32	ug/L			01/25/17 00:10	1
Chloroform	ND		1.0	0.34	ug/L			01/25/17 00:10	1
Chloromethane	ND		1.0	0.35	ug/L			01/25/17 00:10	1
cis-1,2-Dichloroethene	3.7		1.0	0.81	ug/L			01/25/17 00:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/25/17 00:10	1
Cyclohexane	ND		1.0	0.18	ug/L			01/25/17 00:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/25/17 00:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/25/17 00:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/25/17 00:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/25/17 00:10	1
Methyl acetate	ND		2.5	1.3	ug/L			01/25/17 00:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/25/17 00:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/25/17 00:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/25/17 00:10	1
Styrene	ND		1.0	0.73	ug/L			01/25/17 00:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/25/17 00:10	1
Toluene	ND		1.0	0.51	ug/L			01/25/17 00:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/25/17 00:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/25/17 00:10	1
Trichloroethene	ND		1.0	0.46	ug/L			01/25/17 00:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/25/17 00:10	1
Vinyl chloride	38		1.0	0.90	ug/L			01/25/17 00:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/25/17 00:10	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-3
Date Collected: 01/19/17 08:00
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-1
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		01/25/17 00:10	1
4-Bromofluorobenzene (Surr)	98		73 - 120		01/25/17 00:10	1
Toluene-d8 (Surr)	101		80 - 120		01/25/17 00:10	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-4
Date Collected: 01/19/17 10:20
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			01/25/17 00:37	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			01/25/17 00:37	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			01/25/17 00:37	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			01/25/17 00:37	20
1,1-Dichloroethane	120		20	7.6	ug/L			01/25/17 00:37	20
1,1-Dichloroethene	ND		20	5.8	ug/L			01/25/17 00:37	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			01/25/17 00:37	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			01/25/17 00:37	20
1,2-Dibromoethane	ND		20	15	ug/L			01/25/17 00:37	20
1,2-Dichlorobenzene	ND		20	16	ug/L			01/25/17 00:37	20
1,2-Dichloroethane	ND		20	4.2	ug/L			01/25/17 00:37	20
1,2-Dichloropropane	ND		20	14	ug/L			01/25/17 00:37	20
1,3-Dichlorobenzene	ND		20	16	ug/L			01/25/17 00:37	20
1,4-Dichlorobenzene	ND		20	17	ug/L			01/25/17 00:37	20
2-Butanone (MEK)	140	J	200	26	ug/L			01/25/17 00:37	20
2-Hexanone	ND		100	25	ug/L			01/25/17 00:37	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			01/25/17 00:37	20
Acetone	ND		200	60	ug/L			01/25/17 00:37	20
Benzene	ND		20	8.2	ug/L			01/25/17 00:37	20
Bromodichloromethane	ND		20	7.8	ug/L			01/25/17 00:37	20
Bromoform	ND		20	5.2	ug/L			01/25/17 00:37	20
Bromomethane	ND		20	14	ug/L			01/25/17 00:37	20
Carbon disulfide	ND		20	3.8	ug/L			01/25/17 00:37	20
Carbon tetrachloride	ND		20	5.4	ug/L			01/25/17 00:37	20
Chlorobenzene	ND		20	15	ug/L			01/25/17 00:37	20
Chloroethane	1000		20	6.4	ug/L			01/25/17 00:37	20
Chloroform	ND		20	6.8	ug/L			01/25/17 00:37	20
Chloromethane	ND		20	7.0	ug/L			01/25/17 00:37	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			01/25/17 00:37	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			01/25/17 00:37	20
Cyclohexane	ND		20	3.6	ug/L			01/25/17 00:37	20
Dibromochloromethane	ND		20	6.4	ug/L			01/25/17 00:37	20
Dichlorodifluoromethane	ND		20	14	ug/L			01/25/17 00:37	20
Ethylbenzene	ND		20	15	ug/L			01/25/17 00:37	20
Isopropylbenzene	ND		20	16	ug/L			01/25/17 00:37	20
Methyl acetate	ND		50	26	ug/L			01/25/17 00:37	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			01/25/17 00:37	20
Methylcyclohexane	ND		20	3.2	ug/L			01/25/17 00:37	20
Methylene Chloride	ND		20	8.8	ug/L			01/25/17 00:37	20
Styrene	ND		20	15	ug/L			01/25/17 00:37	20
Tetrachloroethene	ND		20	7.2	ug/L			01/25/17 00:37	20
Toluene	18	J	20	10	ug/L			01/25/17 00:37	20
trans-1,2-Dichloroethene	23		20	18	ug/L			01/25/17 00:37	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			01/25/17 00:37	20
Trichloroethene	ND		20	9.2	ug/L			01/25/17 00:37	20
Trichlorofluoromethane	ND		20	18	ug/L			01/25/17 00:37	20
Vinyl chloride	58		20	18	ug/L			01/25/17 00:37	20
Xylenes, Total	ND		40	13	ug/L			01/25/17 00:37	20

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-4
Date Collected: 01/19/17 10:20
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-2
Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		01/25/17 00:37	20
4-Bromofluorobenzene (Surr)	98		73 - 120		01/25/17 00:37	20
Toluene-d8 (Surr)	100		80 - 120		01/25/17 00:37	20

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-12
Date Collected: 01/19/17 09:30
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			01/25/17 01:04	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/25/17 01:04	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			01/25/17 01:04	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/25/17 01:04	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			01/25/17 01:04	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			01/25/17 01:04	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			01/25/17 01:04	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			01/25/17 01:04	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			01/25/17 01:04	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			01/25/17 01:04	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/25/17 01:04	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/25/17 01:04	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			01/25/17 01:04	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			01/25/17 01:04	4
2-Butanone (MEK)	ND		40	5.3	ug/L			01/25/17 01:04	4
2-Hexanone	ND		20	5.0	ug/L			01/25/17 01:04	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/25/17 01:04	4
Acetone	ND		40	12	ug/L			01/25/17 01:04	4
Benzene	ND		4.0	1.6	ug/L			01/25/17 01:04	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/25/17 01:04	4
Bromoform	ND		4.0	1.0	ug/L			01/25/17 01:04	4
Bromomethane	ND		4.0	2.8	ug/L			01/25/17 01:04	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/25/17 01:04	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/25/17 01:04	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/25/17 01:04	4
Chloroethane	13		4.0	1.3	ug/L			01/25/17 01:04	4
Chloroform	ND		4.0	1.4	ug/L			01/25/17 01:04	4
Chloromethane	ND		4.0	1.4	ug/L			01/25/17 01:04	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			01/25/17 01:04	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/25/17 01:04	4
Cyclohexane	ND		4.0	0.72	ug/L			01/25/17 01:04	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/25/17 01:04	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			01/25/17 01:04	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/25/17 01:04	4
Isopropylbenzene	ND		4.0	3.2	ug/L			01/25/17 01:04	4
Methyl acetate	ND		10	5.2	ug/L			01/25/17 01:04	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			01/25/17 01:04	4
Methylcyclohexane	ND		4.0	0.64	ug/L			01/25/17 01:04	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/25/17 01:04	4
Styrene	ND		4.0	2.9	ug/L			01/25/17 01:04	4
Tetrachloroethane	ND		4.0	1.4	ug/L			01/25/17 01:04	4
Toluene	ND		4.0	2.0	ug/L			01/25/17 01:04	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			01/25/17 01:04	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/25/17 01:04	4
Trichloroethene	ND		4.0	1.8	ug/L			01/25/17 01:04	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			01/25/17 01:04	4
Vinyl chloride	6.5		4.0	3.6	ug/L			01/25/17 01:04	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/25/17 01:04	4

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-12

Date Collected: 01/19/17 09:30

Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-3

Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		01/25/17 01:04	4
4-Bromofluorobenzene (Surr)	97		73 - 120		01/25/17 01:04	4
Toluene-d8 (Surr)	97		80 - 120		01/25/17 01:04	4

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-13S

Lab Sample ID: 480-112525-4

Date Collected: 01/19/17 11:30

Matrix: Water

Date Received: 01/20/17 11:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			01/25/17 01:32	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			01/25/17 01:32	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			01/25/17 01:32	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			01/25/17 01:32	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			01/25/17 01:32	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			01/25/17 01:32	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			01/25/17 01:32	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			01/25/17 01:32	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			01/25/17 01:32	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			01/25/17 01:32	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			01/25/17 01:32	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			01/25/17 01:32	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			01/25/17 01:32	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			01/25/17 01:32	2
2-Butanone (MEK)	ND		20	2.6	ug/L			01/25/17 01:32	2
2-Hexanone	ND		10	2.5	ug/L			01/25/17 01:32	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			01/25/17 01:32	2
Acetone	ND		20	6.0	ug/L			01/25/17 01:32	2
Benzene	ND		2.0	0.82	ug/L			01/25/17 01:32	2
Bromodichloromethane	ND		2.0	0.78	ug/L			01/25/17 01:32	2
Bromoform	ND		2.0	0.52	ug/L			01/25/17 01:32	2
Bromomethane	ND		2.0	1.4	ug/L			01/25/17 01:32	2
Carbon disulfide	ND		2.0	0.38	ug/L			01/25/17 01:32	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			01/25/17 01:32	2
Chlorobenzene	ND		2.0	1.5	ug/L			01/25/17 01:32	2
Chloroethane	20		2.0	0.64	ug/L			01/25/17 01:32	2
Chloroform	ND		2.0	0.68	ug/L			01/25/17 01:32	2
Chloromethane	ND		2.0	0.70	ug/L			01/25/17 01:32	2
cis-1,2-Dichloroethene	12		2.0	1.6	ug/L			01/25/17 01:32	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			01/25/17 01:32	2
Cyclohexane	ND		2.0	0.36	ug/L			01/25/17 01:32	2
Dibromochloromethane	ND		2.0	0.64	ug/L			01/25/17 01:32	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			01/25/17 01:32	2
Ethylbenzene	ND		2.0	1.5	ug/L			01/25/17 01:32	2
Isopropylbenzene	ND		2.0	1.6	ug/L			01/25/17 01:32	2
Methyl acetate	ND		5.0	2.6	ug/L			01/25/17 01:32	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			01/25/17 01:32	2
Methylcyclohexane	ND		2.0	0.32	ug/L			01/25/17 01:32	2
Methylene Chloride	ND		2.0	0.88	ug/L			01/25/17 01:32	2
Styrene	ND		2.0	1.5	ug/L			01/25/17 01:32	2
Tetrachloroethane	ND		2.0	0.72	ug/L			01/25/17 01:32	2
Toluene	3.3		2.0	1.0	ug/L			01/25/17 01:32	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			01/25/17 01:32	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			01/25/17 01:32	2
Trichloroethene	2.1		2.0	0.92	ug/L			01/25/17 01:32	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			01/25/17 01:32	2
Vinyl chloride	44		2.0	1.8	ug/L			01/25/17 01:32	2
Xylenes, Total	ND		4.0	1.3	ug/L			01/25/17 01:32	2

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-13S

Date Collected: 01/19/17 11:30

Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-4

Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		01/25/17 01:32	2
4-Bromofluorobenzene (Surr)	99		73 - 120		01/25/17 01:32	2
Toluene-d8 (Surr)	98		80 - 120		01/25/17 01:32	2

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-13D

Lab Sample ID: 480-112525-5

Date Collected: 01/19/17 12:15

Matrix: Water

Date Received: 01/20/17 11:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/25/17 01:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/25/17 01:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/25/17 01:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/25/17 01:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/25/17 01:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/25/17 01:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/17 01:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/25/17 01:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/25/17 01:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/17 01:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/25/17 01:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/25/17 01:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/17 01:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/17 01:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/17 01:59	1
2-Hexanone	ND		5.0	1.2	ug/L			01/25/17 01:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/25/17 01:59	1
Acetone	ND		10	3.0	ug/L			01/25/17 01:59	1
Benzene	ND		1.0	0.41	ug/L			01/25/17 01:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/25/17 01:59	1
Bromoform	ND		1.0	0.26	ug/L			01/25/17 01:59	1
Bromomethane	ND		1.0	0.69	ug/L			01/25/17 01:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/25/17 01:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/25/17 01:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/25/17 01:59	1
Chloroethane	25		1.0	0.32	ug/L			01/25/17 01:59	1
Chloroform	ND		1.0	0.34	ug/L			01/25/17 01:59	1
Chloromethane	ND		1.0	0.35	ug/L			01/25/17 01:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/25/17 01:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/25/17 01:59	1
Cyclohexane	ND		1.0	0.18	ug/L			01/25/17 01:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/25/17 01:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/25/17 01:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/25/17 01:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/25/17 01:59	1
Methyl acetate	ND		2.5	1.3	ug/L			01/25/17 01:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/25/17 01:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/25/17 01:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/25/17 01:59	1
Styrene	ND		1.0	0.73	ug/L			01/25/17 01:59	1
Tetrachloroethane	ND		1.0	0.36	ug/L			01/25/17 01:59	1
Toluene	0.77	J	1.0	0.51	ug/L			01/25/17 01:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/25/17 01:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/25/17 01:59	1
Trichloroethene	ND		1.0	0.46	ug/L			01/25/17 01:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/25/17 01:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/17 01:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/25/17 01:59	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-13D

Date Collected: 01/19/17 12:15

Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-5

Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		01/25/17 01:59	1
4-Bromofluorobenzene (Surr)	99		73 - 120		01/25/17 01:59	1
Toluene-d8 (Surr)	100		80 - 120		01/25/17 01:59	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-16S

Lab Sample ID: 480-112525-6

Date Collected: 01/19/17 13:40

Matrix: Water

Date Received: 01/20/17 11:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500	410	ug/L			01/25/17 02:27	500
1,1,2,2-Tetrachloroethane	ND		500	110	ug/L			01/25/17 02:27	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	160	ug/L			01/25/17 02:27	500
1,1,2-Trichloroethane	ND		500	120	ug/L			01/25/17 02:27	500
1,1-Dichloroethane	1000		500	190	ug/L			01/25/17 02:27	500
1,1-Dichloroethene	150	J	500	150	ug/L			01/25/17 02:27	500
1,2,4-Trichlorobenzene	ND		500	210	ug/L			01/25/17 02:27	500
1,2-Dibromo-3-Chloropropane	ND		500	200	ug/L			01/25/17 02:27	500
1,2-Dibromoethane	ND		500	370	ug/L			01/25/17 02:27	500
1,2-Dichlorobenzene	ND		500	400	ug/L			01/25/17 02:27	500
1,2-Dichloroethane	ND		500	110	ug/L			01/25/17 02:27	500
1,2-Dichloropropane	ND		500	360	ug/L			01/25/17 02:27	500
1,3-Dichlorobenzene	ND		500	390	ug/L			01/25/17 02:27	500
1,4-Dichlorobenzene	ND		500	420	ug/L			01/25/17 02:27	500
2-Butanone (MEK)	ND		5000	660	ug/L			01/25/17 02:27	500
2-Hexanone	ND		2500	620	ug/L			01/25/17 02:27	500
4-Methyl-2-pentanone (MIBK)	ND		2500	1100	ug/L			01/25/17 02:27	500
Acetone	ND		5000	1500	ug/L			01/25/17 02:27	500
Benzene	ND		500	210	ug/L			01/25/17 02:27	500
Bromodichloromethane	ND		500	200	ug/L			01/25/17 02:27	500
Bromoform	ND		500	130	ug/L			01/25/17 02:27	500
Bromomethane	ND		500	350	ug/L			01/25/17 02:27	500
Carbon disulfide	ND		500	95	ug/L			01/25/17 02:27	500
Carbon tetrachloride	ND		500	140	ug/L			01/25/17 02:27	500
Chlorobenzene	ND		500	380	ug/L			01/25/17 02:27	500
Chloroethane	1900		500	160	ug/L			01/25/17 02:27	500
Chloroform	ND		500	170	ug/L			01/25/17 02:27	500
Chloromethane	ND		500	180	ug/L			01/25/17 02:27	500
cis-1,2-Dichloroethene	29000		500	410	ug/L			01/25/17 02:27	500
cis-1,3-Dichloropropene	ND		500	180	ug/L			01/25/17 02:27	500
Cyclohexane	ND		500	90	ug/L			01/25/17 02:27	500
Dibromochloromethane	ND		500	160	ug/L			01/25/17 02:27	500
Dichlorodifluoromethane	ND		500	340	ug/L			01/25/17 02:27	500
Ethylbenzene	ND		500	370	ug/L			01/25/17 02:27	500
Isopropylbenzene	ND		500	400	ug/L			01/25/17 02:27	500
Methyl acetate	ND		1300	650	ug/L			01/25/17 02:27	500
Methyl tert-butyl ether	ND		500	80	ug/L			01/25/17 02:27	500
Methylcyclohexane	ND		500	80	ug/L			01/25/17 02:27	500
Methylene Chloride	ND		500	220	ug/L			01/25/17 02:27	500
Styrene	ND		500	370	ug/L			01/25/17 02:27	500
Tetrachloroethene	ND		500	180	ug/L			01/25/17 02:27	500
Toluene	400	J	500	260	ug/L			01/25/17 02:27	500
trans-1,2-Dichloroethene	ND		500	450	ug/L			01/25/17 02:27	500
trans-1,3-Dichloropropene	ND		500	190	ug/L			01/25/17 02:27	500
Trichloroethene	ND		500	230	ug/L			01/25/17 02:27	500
Trichlorofluoromethane	ND		500	440	ug/L			01/25/17 02:27	500
Vinyl chloride	66000	E	500	450	ug/L			01/25/17 02:27	500
Xylenes, Total	ND		1000	330	ug/L			01/25/17 02:27	500

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-16S

Lab Sample ID: 480-112525-6

Date Collected: 01/19/17 13:40

Matrix: Water

Date Received: 01/20/17 11:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		01/25/17 02:27	500
4-Bromofluorobenzene (Surr)	100		73 - 120		01/25/17 02:27	500
Toluene-d8 (Surr)	101		80 - 120		01/25/17 02:27	500

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	820	ug/L			01/25/17 12:05	1000
1,1,2,2-Tetrachloroethane	ND		1000	210	ug/L			01/25/17 12:05	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	310	ug/L			01/25/17 12:05	1000
1,1,2-Trichloroethane	ND		1000	230	ug/L			01/25/17 12:05	1000
1,1-Dichloroethane	1000		1000	380	ug/L			01/25/17 12:05	1000
1,1-Dichloroethene	ND		1000	290	ug/L			01/25/17 12:05	1000
1,2,4-Trichlorobenzene	ND		1000	410	ug/L			01/25/17 12:05	1000
1,2-Dibromo-3-Chloropropane	ND		1000	390	ug/L			01/25/17 12:05	1000
1,2-Dibromoethane	ND		1000	730	ug/L			01/25/17 12:05	1000
1,2-Dichlorobenzene	ND		1000	790	ug/L			01/25/17 12:05	1000
1,2-Dichloroethane	ND		1000	210	ug/L			01/25/17 12:05	1000
1,2-Dichloropropane	ND		1000	720	ug/L			01/25/17 12:05	1000
1,3-Dichlorobenzene	ND		1000	780	ug/L			01/25/17 12:05	1000
1,4-Dichlorobenzene	ND		1000	840	ug/L			01/25/17 12:05	1000
2-Butanone (MEK)	ND		10000	1300	ug/L			01/25/17 12:05	1000
2-Hexanone	ND		5000	1200	ug/L			01/25/17 12:05	1000
4-Methyl-2-pentanone (MIBK)	ND		5000	2100	ug/L			01/25/17 12:05	1000
Acetone	ND		10000	3000	ug/L			01/25/17 12:05	1000
Benzene	ND		1000	410	ug/L			01/25/17 12:05	1000
Bromodichloromethane	ND		1000	390	ug/L			01/25/17 12:05	1000
Bromoform	ND		1000	260	ug/L			01/25/17 12:05	1000
Bromomethane	ND		1000	690	ug/L			01/25/17 12:05	1000
Carbon disulfide	ND		1000	190	ug/L			01/25/17 12:05	1000
Carbon tetrachloride	ND		1000	270	ug/L			01/25/17 12:05	1000
Chlorobenzene	ND		1000	750	ug/L			01/25/17 12:05	1000
Chloroethane	1700		1000	320	ug/L			01/25/17 12:05	1000
Chloroform	ND		1000	340	ug/L			01/25/17 12:05	1000
Chloromethane	ND		1000	350	ug/L			01/25/17 12:05	1000
cis-1,2-Dichloroethene	29000		1000	810	ug/L			01/25/17 12:05	1000
cis-1,3-Dichloropropene	ND		1000	360	ug/L			01/25/17 12:05	1000
Cyclohexane	ND		1000	180	ug/L			01/25/17 12:05	1000
Dibromochloromethane	ND		1000	320	ug/L			01/25/17 12:05	1000
Dichlorodifluoromethane	ND		1000	680	ug/L			01/25/17 12:05	1000
Ethylbenzene	ND		1000	740	ug/L			01/25/17 12:05	1000
Isopropylbenzene	ND		1000	790	ug/L			01/25/17 12:05	1000
Methyl acetate	ND		2500	1300	ug/L			01/25/17 12:05	1000
Methyl tert-butyl ether	ND		1000	160	ug/L			01/25/17 12:05	1000
Methylcyclohexane	ND		1000	160	ug/L			01/25/17 12:05	1000
Methylene Chloride	ND		1000	440	ug/L			01/25/17 12:05	1000
Styrene	ND		1000	730	ug/L			01/25/17 12:05	1000
Tetrachloroethene	ND		1000	360	ug/L			01/25/17 12:05	1000
Toluene	ND		1000	510	ug/L			01/25/17 12:05	1000
trans-1,2-Dichloroethene	ND		1000	900	ug/L			01/25/17 12:05	1000
trans-1,3-Dichloropropene	ND		1000	370	ug/L			01/25/17 12:05	1000

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-16S

Lab Sample ID: 480-112525-6

Date Collected: 01/19/17 13:40

Matrix: Water

Date Received: 01/20/17 11:00

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1000	460	ug/L			01/25/17 12:05	1000
Trichlorofluoromethane	ND		1000	880	ug/L			01/25/17 12:05	1000
Vinyl chloride	72000		1000	900	ug/L			01/25/17 12:05	1000
Xylenes, Total	ND		2000	660	ug/L			01/25/17 12:05	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		01/25/17 12:05	1000
4-Bromofluorobenzene (Surr)	98		73 - 120		01/25/17 12:05	1000
Toluene-d8 (Surr)	98		80 - 120		01/25/17 12:05	1000

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-16D

Lab Sample ID: 480-112525-7

Date Collected: 01/19/17 14:30

Matrix: Water

Date Received: 01/20/17 11:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			01/25/17 02:54	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			01/25/17 02:54	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			01/25/17 02:54	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			01/25/17 02:54	10
1,1-Dichloroethane	ND		10	3.8	ug/L			01/25/17 02:54	10
1,1-Dichloroethene	ND		10	2.9	ug/L			01/25/17 02:54	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			01/25/17 02:54	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			01/25/17 02:54	10
1,2-Dibromoethane	ND		10	7.3	ug/L			01/25/17 02:54	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			01/25/17 02:54	10
1,2-Dichloroethane	ND		10	2.1	ug/L			01/25/17 02:54	10
1,2-Dichloropropane	ND		10	7.2	ug/L			01/25/17 02:54	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			01/25/17 02:54	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			01/25/17 02:54	10
2-Butanone (MEK)	ND		100	13	ug/L			01/25/17 02:54	10
2-Hexanone	ND		50	12	ug/L			01/25/17 02:54	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			01/25/17 02:54	10
Acetone	ND		100	30	ug/L			01/25/17 02:54	10
Benzene	ND		10	4.1	ug/L			01/25/17 02:54	10
Bromodichloromethane	ND		10	3.9	ug/L			01/25/17 02:54	10
Bromoform	ND		10	2.6	ug/L			01/25/17 02:54	10
Bromomethane	ND		10	6.9	ug/L			01/25/17 02:54	10
Carbon disulfide	ND		10	1.9	ug/L			01/25/17 02:54	10
Carbon tetrachloride	ND		10	2.7	ug/L			01/25/17 02:54	10
Chlorobenzene	ND		10	7.5	ug/L			01/25/17 02:54	10
Chloroethane	290		10	3.2	ug/L			01/25/17 02:54	10
Chloroform	ND		10	3.4	ug/L			01/25/17 02:54	10
Chloromethane	ND		10	3.5	ug/L			01/25/17 02:54	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			01/25/17 02:54	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			01/25/17 02:54	10
Cyclohexane	ND		10	1.8	ug/L			01/25/17 02:54	10
Dibromochloromethane	ND		10	3.2	ug/L			01/25/17 02:54	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			01/25/17 02:54	10
Ethylbenzene	ND		10	7.4	ug/L			01/25/17 02:54	10
Isopropylbenzene	ND		10	7.9	ug/L			01/25/17 02:54	10
Methyl acetate	ND		25	13	ug/L			01/25/17 02:54	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			01/25/17 02:54	10
Methylcyclohexane	ND		10	1.6	ug/L			01/25/17 02:54	10
Methylene Chloride	ND		10	4.4	ug/L			01/25/17 02:54	10
Styrene	ND		10	7.3	ug/L			01/25/17 02:54	10
Tetrachloroethane	ND		10	3.6	ug/L			01/25/17 02:54	10
Toluene	ND		10	5.1	ug/L			01/25/17 02:54	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			01/25/17 02:54	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			01/25/17 02:54	10
Trichloroethene	ND		10	4.6	ug/L			01/25/17 02:54	10
Trichlorofluoromethane	ND		10	8.8	ug/L			01/25/17 02:54	10
Vinyl chloride	23		10	9.0	ug/L			01/25/17 02:54	10
Xylenes, Total	ND		20	6.6	ug/L			01/25/17 02:54	10

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-16D

Date Collected: 01/19/17 14:30

Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-7

Matrix: Water

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/25/17 02:54	10
4-Bromofluorobenzene (Surr)	97		73 - 120		01/25/17 02:54	10
Toluene-d8 (Surr)	99		80 - 120		01/25/17 02:54	10

Surrogate Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (77-120)	BFB (73-120)	TOL (80-120)
480-112334-1	MW-2	105	101	100
480-112334-2	MW-6	104	98	99
480-112334-3	MW-10	101	96	92
480-112334-4	MW-11	103	97	94
480-112334-5	Duplicate	104	99	94
480-112334-6	Rinse	102	95	92
480-112334-7	MW-8R	103	95	93
480-112334-7 - DL	MW-8R	104	97	95
480-112334-8	GWCT	106	97	97
480-112334-9	Trip Blank	103	97	99
480-112334-10	DPT-1	106	95	97
480-112334-11	DPT-2	98	95	93
480-112334-12	DPT-3	106	92	98
480-112334-13	DPT-4	97	97	91
480-112334-13 MS	DPT-4	97	96	95
480-112334-13 MSD	DPT-4	104	96	95
480-112334-14	DPT-5	110	93	98
480-112334-14 - DL	DPT-5	97	94	92
480-112334-14 MS	DPT-5	105	101	99
480-112334-14 MSD	DPT-5	105	100	99
480-112334-15	DPT-7	106	97	98
480-112334-15 MS	DPT-7	104	98	98
480-112334-15 MSD	DPT-7	102	98	97
480-112334-16	DPT-8	105	95	99
480-112334-16 - DL	DPT-8	103	97	91
480-112525-1	MW-3	101	98	101
480-112525-2	MW-4	99	98	100
480-112525-3	MW-12	100	97	97
480-112525-4	MW-13S	100	99	98
480-112525-5	MW-13D	102	99	100
480-112525-6	MW-16S	101	100	101
480-112525-6 - DL	MW-16S	103	98	98
480-112525-7	MW-16D	104	97	99
LCS 480-340386/5	Lab Control Sample	105	103	99
LCS 480-340437/4	Lab Control Sample	93	95	98
LCS 480-340630/4	Lab Control Sample	101	96	98
LCS 480-341263/4	Lab Control Sample	99	101	102
LCS 480-341308/4	Lab Control Sample	99	101	99
MB 480-340386/7	Method Blank	105	95	98
MB 480-340437/6	Method Blank	96	99	97
MB 480-340630/6	Method Blank	103	95	97
MB 480-341263/6	Method Blank	101	99	101
MB 480-341308/6	Method Blank	101	99	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-340386/7

Matrix: Water

Analysis Batch: 340386

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/17/17 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/17/17 20:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/17/17 20:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/17/17 20:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/17/17 20:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/17/17 20:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/17/17 20:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/17/17 20:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/17/17 20:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/17/17 20:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/17/17 20:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/17/17 20:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/17/17 20:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/17/17 20:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/17/17 20:52	1
2-Hexanone	ND		5.0	1.2	ug/L			01/17/17 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/17/17 20:52	1
Acetone	ND		10	3.0	ug/L			01/17/17 20:52	1
Benzene	ND		1.0	0.41	ug/L			01/17/17 20:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/17/17 20:52	1
Bromoform	ND		1.0	0.26	ug/L			01/17/17 20:52	1
Bromomethane	ND		1.0	0.69	ug/L			01/17/17 20:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/17/17 20:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/17/17 20:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/17/17 20:52	1
Chloroethane	ND		1.0	0.32	ug/L			01/17/17 20:52	1
Chloroform	ND		1.0	0.34	ug/L			01/17/17 20:52	1
Chloromethane	ND		1.0	0.35	ug/L			01/17/17 20:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/17/17 20:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/17/17 20:52	1
Cyclohexane	ND		1.0	0.18	ug/L			01/17/17 20:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/17/17 20:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/17/17 20:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/17/17 20:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/17/17 20:52	1
Methyl acetate	ND		2.5	1.3	ug/L			01/17/17 20:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/17/17 20:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/17/17 20:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/17/17 20:52	1
Styrene	ND		1.0	0.73	ug/L			01/17/17 20:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/17/17 20:52	1
Toluene	ND		1.0	0.51	ug/L			01/17/17 20:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/17/17 20:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/17/17 20:52	1
Trichloroethene	ND		1.0	0.46	ug/L			01/17/17 20:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/17/17 20:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/17/17 20:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/17/17 20:52	1

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		01/17/17 20:52	1
4-Bromofluorobenzene (Surr)	95		73 - 120		01/17/17 20:52	1
Toluene-d8 (Surr)	98		80 - 120		01/17/17 20:52	1

Lab Sample ID: LCS 480-340386/5
Matrix: Water
Analysis Batch: 340386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.6		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.6		ug/L		90	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2		ug/L		109	61 - 148
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	76 - 122
1,1-Dichloroethane	25.0	25.2		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	25.2		ug/L		101	66 - 127
1,2,4-Trichlorobenzene	25.0	22.5		ug/L		90	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.1		ug/L		84	56 - 134
1,2-Dibromoethane	25.0	25.4		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	23.0		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 120
1,2-Dichloropropane	25.0	25.2		ug/L		101	76 - 120
1,3-Dichlorobenzene	25.0	23.5		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.4		ug/L		94	80 - 120
2-Butanone (MEK)	125	137		ug/L		110	57 - 140
2-Hexanone	125	131		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	123		ug/L		99	71 - 125
Acetone	125	178		ug/L		142	56 - 142
Benzene	25.0	25.1		ug/L		101	71 - 124
Bromodichloromethane	25.0	27.0		ug/L		108	80 - 122
Bromoform	25.0	23.6		ug/L		94	61 - 132
Bromomethane	25.0	38.1	*	ug/L		152	55 - 144
Carbon disulfide	25.0	22.9		ug/L		92	59 - 134
Carbon tetrachloride	25.0	27.4		ug/L		110	72 - 134
Chlorobenzene	25.0	24.9		ug/L		100	80 - 120
Chloroethane	25.0	28.3		ug/L		113	69 - 136
Chloroform	25.0	25.3		ug/L		101	73 - 127
Chloromethane	25.0	25.1		ug/L		101	68 - 124
cis-1,2-Dichloroethene	25.0	25.4		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	25.3		ug/L		101	59 - 135
Dibromochloromethane	25.0	26.8		ug/L		107	75 - 125
Dichlorodifluoromethane	25.0	30.7		ug/L		123	59 - 135
Ethylbenzene	25.0	25.2		ug/L		101	77 - 123
Isopropylbenzene	25.0	23.3		ug/L		93	77 - 122
Methyl acetate	125	123		ug/L		98	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	25.0	24.4		ug/L		98	68 - 134
Methylene Chloride	25.0	26.4		ug/L		106	75 - 124
Styrene	25.0	24.5		ug/L		98	80 - 120
Tetrachloroethane	25.0	26.5		ug/L		106	74 - 122
Toluene	25.0	24.4		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	24.8		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	26.4		ug/L		106	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-340386/5
Matrix: Water
Analysis Batch: 340386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	25.0	24.6		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	27.1		ug/L		108	62 - 150
Vinyl chloride	25.0	25.6		ug/L		102	65 - 133
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	105		77 - 120				
4-Bromofluorobenzene (Surr)	103		73 - 120				
Toluene-d8 (Surr)	99		80 - 120				

Lab Sample ID: 480-112334-14 MS
Matrix: Water
Analysis Batch: 340386

Client Sample ID: DPT-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		1250	1340		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	ND		1250	1170		ug/L		94	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1250	1470		ug/L		118	61 - 148
1,1,2-Trichloroethane	ND		1250	1280		ug/L		102	76 - 122
1,1-Dichloroethane	150		1250	1480		ug/L		106	77 - 120
1,1-Dichloroethene	82		1250	1400		ug/L		105	66 - 127
1,2,4-Trichlorobenzene	ND		1250	1130		ug/L		91	79 - 122
1,2-Dibromo-3-Chloropropane	ND		1250	1060		ug/L		85	56 - 134
1,2-Dibromoethane	ND		1250	1280		ug/L		102	77 - 120
1,2-Dichlorobenzene	ND		1250	1190		ug/L		95	80 - 124
1,2-Dichloroethane	ND		1250	1330		ug/L		107	75 - 120
1,2-Dichloropropane	ND		1250	1260		ug/L		101	76 - 120
1,3-Dichlorobenzene	ND		1250	1180		ug/L		95	77 - 120
1,4-Dichlorobenzene	ND		1250	1210		ug/L		97	78 - 124
2-Butanone (MEK)	ND		6250	6290		ug/L		101	57 - 140
2-Hexanone	ND		6250	6800		ug/L		109	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		6250	6520		ug/L		104	71 - 125
Acetone	160	J	6250	7580		ug/L		119	56 - 142
Benzene	ND		1250	1320		ug/L		106	71 - 124
Bromodichloromethane	ND		1250	1340		ug/L		107	80 - 122
Bromoform	ND		1250	1140		ug/L		91	61 - 132
Bromomethane	ND	F2 *	1250	1260		ug/L		101	55 - 144
Carbon disulfide	ND		1250	1560		ug/L		125	59 - 134
Carbon tetrachloride	ND		1250	1460		ug/L		117	72 - 134
Chlorobenzene	ND		1250	1290		ug/L		104	80 - 120
Chloroethane	130		1250	1530		ug/L		112	69 - 136
Chloroform	ND		1250	1300		ug/L		104	73 - 127
Chloromethane	ND		1250	1300		ug/L		104	68 - 124
cis-1,2-Dichloroethene	32000	E	1250	30500	E 4	ug/L		-81	74 - 124
cis-1,3-Dichloropropene	ND		1250	1210		ug/L		97	74 - 124
Cyclohexane	ND		1250	1280		ug/L		102	59 - 135
Dibromochloromethane	ND		1250	1350		ug/L		108	75 - 125
Dichlorodifluoromethane	ND		1250	1450		ug/L		116	59 - 135

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-112334-14 MS

Matrix: Water

Analysis Batch: 340386

Client Sample ID: DPT-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	ND		1250	1310		ug/L		105	77 - 123
Isopropylbenzene	ND		1250	1190		ug/L		95	77 - 122
Methyl acetate	ND		6250	6410		ug/L		103	74 - 133
Methyl tert-butyl ether	ND		1250	1250		ug/L		100	77 - 120
Methylcyclohexane	ND		1250	1280		ug/L		102	68 - 134
Methylene Chloride	26	J	1250	1280		ug/L		100	75 - 124
Styrene	ND		1250	1220		ug/L		98	80 - 120
Tetrachloroethene	ND		1250	1370		ug/L		110	74 - 122
Toluene	37	J	1250	1300		ug/L		101	80 - 122
trans-1,2-Dichloroethene	ND		1250	1360		ug/L		108	73 - 127
trans-1,3-Dichloropropene	ND		1250	1310		ug/L		104	80 - 120
Trichloroethene	250		1250	1500		ug/L		100	74 - 123
Trichlorofluoromethane	ND		1250	1470		ug/L		117	62 - 150
Vinyl chloride	6600	E	1250	7180	E 4	ug/L		50	65 - 133
		MS MS							
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	105		77 - 120						
4-Bromofluorobenzene (Surr)	101		73 - 120						
Toluene-d8 (Surr)	99		80 - 120						

Lab Sample ID: 480-112334-14 MSD

Matrix: Water

Analysis Batch: 340386

Client Sample ID: DPT-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		1250	1260		ug/L		101	73 - 126	6	15
1,1,2,2-Tetrachloroethane	ND		1250	1170		ug/L		93	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1250	1330		ug/L		106	61 - 148	10	20
1,1,2-Trichloroethane	ND		1250	1260		ug/L		101	76 - 122	2	15
1,1-Dichloroethane	150		1250	1420		ug/L		101	77 - 120	4	20
1,1-Dichloroethene	82		1250	1310		ug/L		98	66 - 127	7	16
1,2,4-Trichlorobenzene	ND		1250	1140		ug/L		91	79 - 122	0	20
1,2-Dibromo-3-Chloropropane	ND		1250	1040		ug/L		83	56 - 134	2	15
1,2-Dibromoethane	ND		1250	1280		ug/L		102	77 - 120	0	15
1,2-Dichlorobenzene	ND		1250	1180		ug/L		94	80 - 124	1	20
1,2-Dichloroethane	ND		1250	1310		ug/L		105	75 - 120	1	20
1,2-Dichloropropane	ND		1250	1240		ug/L		99	76 - 120	2	20
1,3-Dichlorobenzene	ND		1250	1170		ug/L		94	77 - 120	1	20
1,4-Dichlorobenzene	ND		1250	1180		ug/L		95	78 - 124	2	20
2-Butanone (MEK)	ND		6250	6240		ug/L		100	57 - 140	1	20
2-Hexanone	ND		6250	6540		ug/L		105	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	ND		6250	6410		ug/L		103	71 - 125	2	35
Acetone	160	J	6250	7420		ug/L		116	56 - 142	2	15
Benzene	ND		1250	1240		ug/L		100	71 - 124	6	13
Bromodichloromethane	ND		1250	1310		ug/L		105	80 - 122	3	15
Bromoform	ND		1250	1160		ug/L		93	61 - 132	2	15
Bromomethane	ND	F2 *	1250	1610	F2	ug/L		129	55 - 144	24	15

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-112334-14 MSD

Matrix: Water

Analysis Batch: 340386

Client Sample ID: DPT-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide	ND		1250	1460		ug/L		117	59 - 134	7	15
Carbon tetrachloride	ND		1250	1360		ug/L		108	72 - 134	8	15
Chlorobenzene	ND		1250	1230		ug/L		99	80 - 120	5	25
Chloroethane	130		1250	1370		ug/L		99	69 - 136	11	15
Chloroform	ND		1250	1260		ug/L		101	73 - 127	3	20
Chloromethane	ND		1250	1210		ug/L		97	68 - 124	7	15
cis-1,2-Dichloroethene	32000	E	1250	29100	E 4	ug/L		-193	74 - 124	5	15
cis-1,3-Dichloropropene	ND		1250	1220		ug/L		97	74 - 124	1	15
Cyclohexane	ND		1250	1180		ug/L		94	59 - 135	8	20
Dibromochloromethane	ND		1250	1340		ug/L		108	75 - 125	1	15
Dichlorodifluoromethane	ND		1250	1370		ug/L		110	59 - 135	5	20
Ethylbenzene	ND		1250	1270		ug/L		101	77 - 123	3	15
Isopropylbenzene	ND		1250	1170		ug/L		94	77 - 122	2	20
Methyl acetate	ND		6250	6240		ug/L		100	74 - 133	3	20
Methyl tert-butyl ether	ND		1250	1230		ug/L		98	77 - 120	2	37
Methylcyclohexane	ND		1250	1180		ug/L		95	68 - 134	8	20
Methylene Chloride	26	J	1250	1230		ug/L		96	75 - 124	4	15
Styrene	ND		1250	1180		ug/L		95	80 - 120	3	20
Tetrachloroethene	ND		1250	1290		ug/L		103	74 - 122	6	20
Toluene	37	J	1250	1240		ug/L		96	80 - 122	5	15
trans-1,2-Dichloroethene	ND		1250	1250		ug/L		100	73 - 127	8	20
trans-1,3-Dichloropropene	ND		1250	1280		ug/L		102	80 - 120	2	15
Trichloroethene	250		1250	1450		ug/L		96	74 - 123	3	16
Trichlorofluoromethane	ND		1250	1370		ug/L		109	62 - 150	7	20
Vinyl chloride	6600	E	1250	6850	E 4	ug/L		23	65 - 133	5	15

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: MB 480-340437/6

Matrix: Water

Analysis Batch: 340437

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/18/17 10:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/18/17 10:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/18/17 10:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/18/17 10:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/18/17 10:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/18/17 10:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/18/17 10:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/18/17 10:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/18/17 10:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/18/17 10:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/18/17 10:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/18/17 10:42	1

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-340437/6

Matrix: Water

Analysis Batch: 340437

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/18/17 10:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/18/17 10:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/18/17 10:42	1
2-Hexanone	ND		5.0	1.2	ug/L			01/18/17 10:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/18/17 10:42	1
Acetone	ND		10	3.0	ug/L			01/18/17 10:42	1
Benzene	ND		1.0	0.41	ug/L			01/18/17 10:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/18/17 10:42	1
Bromoform	ND		1.0	0.26	ug/L			01/18/17 10:42	1
Bromomethane	ND		1.0	0.69	ug/L			01/18/17 10:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/18/17 10:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/18/17 10:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/18/17 10:42	1
Chloroethane	ND		1.0	0.32	ug/L			01/18/17 10:42	1
Chloroform	ND		1.0	0.34	ug/L			01/18/17 10:42	1
Chloromethane	ND		1.0	0.35	ug/L			01/18/17 10:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/18/17 10:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/18/17 10:42	1
Cyclohexane	ND		1.0	0.18	ug/L			01/18/17 10:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/18/17 10:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/18/17 10:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/18/17 10:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/18/17 10:42	1
Methyl acetate	ND		2.5	1.3	ug/L			01/18/17 10:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/18/17 10:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/18/17 10:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/18/17 10:42	1
Styrene	ND		1.0	0.73	ug/L			01/18/17 10:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/18/17 10:42	1
Toluene	ND		1.0	0.51	ug/L			01/18/17 10:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/18/17 10:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/18/17 10:42	1
Trichloroethene	ND		1.0	0.46	ug/L			01/18/17 10:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/18/17 10:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/18/17 10:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/18/17 10:42	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		01/18/17 10:42	1
4-Bromofluorobenzene (Surr)	99		73 - 120		01/18/17 10:42	1
Toluene-d8 (Surr)	97		80 - 120		01/18/17 10:42	1

Lab Sample ID: LCS 480-340437/4

Matrix: Water

Analysis Batch: 340437

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-340437/4

Matrix: Water

Analysis Batch: 340437

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	20.5		ug/L		82	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.9		ug/L		84	61 - 148
1,1,2-Trichloroethane	25.0	21.2		ug/L		85	76 - 122
1,1-Dichloroethane	25.0	21.1		ug/L		84	77 - 120
1,1-Dichloroethene	25.0	20.6		ug/L		82	66 - 127
1,2,4-Trichlorobenzene	25.0	22.3		ug/L		89	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	19.0		ug/L		76	56 - 134
1,2-Dibromoethane	25.0	22.0		ug/L		88	77 - 120
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	21.3		ug/L		85	75 - 120
1,2-Dichloropropane	25.0	21.3		ug/L		85	76 - 120
1,3-Dichlorobenzene	25.0	22.9		ug/L		92	77 - 120
1,4-Dichlorobenzene	25.0	23.9		ug/L		95	80 - 120
2-Butanone (MEK)	125	83.3		ug/L		67	57 - 140
2-Hexanone	125	87.0		ug/L		70	65 - 127
4-Methyl-2-pentanone (MIBK)	125	89.8		ug/L		72	71 - 125
Acetone	125	81.5		ug/L		65	56 - 142
Benzene	25.0	21.9		ug/L		88	71 - 124
Bromodichloromethane	25.0	21.2		ug/L		85	80 - 122
Bromoform	25.0	20.2		ug/L		81	61 - 132
Bromomethane	25.0	23.3		ug/L		93	55 - 144
Carbon disulfide	25.0	19.5		ug/L		78	59 - 134
Carbon tetrachloride	25.0	20.9		ug/L		84	72 - 134
Chlorobenzene	25.0	22.2		ug/L		89	80 - 120
Chloroethane	25.0	22.3		ug/L		89	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	19.8		ug/L		79	68 - 124
cis-1,2-Dichloroethene	25.0	22.3		ug/L		89	74 - 124
cis-1,3-Dichloropropene	25.0	22.0		ug/L		88	74 - 124
Cyclohexane	25.0	18.7		ug/L		75	59 - 135
Dibromochloromethane	25.0	21.9		ug/L		88	75 - 125
Dichlorodifluoromethane	25.0	20.3		ug/L		81	59 - 135
Ethylbenzene	25.0	21.8		ug/L		87	77 - 123
Isopropylbenzene	25.0	22.5		ug/L		90	77 - 122
Methyl acetate	125	83.3 *		ug/L		67	74 - 133
Methyl tert-butyl ether	25.0	20.8		ug/L		83	77 - 120
Methylcyclohexane	25.0	19.6		ug/L		78	68 - 134
Methylene Chloride	25.0	22.2		ug/L		89	75 - 124
Styrene	25.0	22.2		ug/L		89	80 - 120
Tetrachloroethene	25.0	22.7		ug/L		91	74 - 122
Toluene	25.0	22.6		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	21.8		ug/L		87	73 - 127
trans-1,3-Dichloropropene	25.0	22.2		ug/L		89	80 - 120
Trichloroethene	25.0	22.3		ug/L		89	74 - 123
Trichlorofluoromethane	25.0	23.1		ug/L		92	62 - 150
Vinyl chloride	25.0	23.4		ug/L		94	65 - 133

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-340437/4
Matrix: Water
Analysis Batch: 340437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 480-112334-13 MS
Matrix: Water
Analysis Batch: 340437

Client Sample ID: DPT-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		2500	2380		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	ND		2500	2180		ug/L		87	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2500	2310		ug/L		92	61 - 148
1,1,2-Trichloroethane	ND		2500	2110		ug/L		84	76 - 122
1,1-Dichloroethane	ND		2500	2190		ug/L		87	77 - 120
1,1-Dichloroethene	ND		2500	2180		ug/L		87	66 - 127
1,2,4-Trichlorobenzene	ND		2500	2170		ug/L		87	79 - 122
1,2-Dibromo-3-Chloropropane	ND		2500	2030		ug/L		81	56 - 134
1,2-Dibromoethane	ND		2500	2220		ug/L		89	77 - 120
1,2-Dichlorobenzene	ND		2500	2320		ug/L		93	80 - 124
1,2-Dichloroethane	ND		2500	2320		ug/L		93	75 - 120
1,2-Dichloropropane	ND		2500	2290		ug/L		92	76 - 120
1,3-Dichlorobenzene	ND		2500	2390		ug/L		96	77 - 120
1,4-Dichlorobenzene	ND		2500	2340		ug/L		94	78 - 124
2-Butanone (MEK)	ND		12500	10600		ug/L		84	57 - 140
2-Hexanone	ND		12500	10100		ug/L		81	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		12500	10200		ug/L		81	71 - 125
Acetone	ND		12500	11100		ug/L		88	56 - 142
Benzene	ND		2500	2260		ug/L		90	71 - 124
Bromodichloromethane	ND		2500	2170		ug/L		87	80 - 122
Bromoform	ND		2500	2170		ug/L		87	61 - 132
Bromomethane	ND		2500	2870		ug/L		115	55 - 144
Carbon disulfide	ND		2500	2090		ug/L		84	59 - 134
Carbon tetrachloride	ND		2500	2310		ug/L		92	72 - 134
Chlorobenzene	ND		2500	2290		ug/L		92	80 - 120
Chloroethane	ND		2500	2590		ug/L		104	69 - 136
Chloroform	ND		2500	2340		ug/L		94	73 - 127
Chloromethane	ND		2500	1810		ug/L		73	68 - 124
cis-1,2-Dichloroethene	4300		2500	6740		ug/L		99	74 - 124
cis-1,3-Dichloropropene	ND		2500	2140		ug/L		86	74 - 124
Cyclohexane	ND		2500	2120		ug/L		85	59 - 135
Dibromochloromethane	ND		2500	2230		ug/L		89	75 - 125
Dichlorodifluoromethane	ND		2500	2170		ug/L		87	59 - 135
Ethylbenzene	ND		2500	2370		ug/L		95	77 - 123
Isopropylbenzene	ND		2500	2330		ug/L		93	77 - 122
Methyl acetate	ND	*	12500	9310		ug/L		74	74 - 133
Methyl tert-butyl ether	ND		2500	2150		ug/L		86	77 - 120
Methylcyclohexane	ND		2500	2210		ug/L		88	68 - 134

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-112334-13 MS

Matrix: Water

Analysis Batch: 340437

Client Sample ID: DPT-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	81	J	2500	2220		ug/L		85	75 - 124
Styrene	ND		2500	2310		ug/L		92	80 - 120
Tetrachloroethene	ND		2500	2360		ug/L		95	74 - 122
Toluene	ND		2500	2320		ug/L		93	80 - 122
trans-1,2-Dichloroethene	ND		2500	2220		ug/L		89	73 - 127
trans-1,3-Dichloropropene	ND		2500	2080		ug/L		83	80 - 120
Trichloroethene	ND		2500	2390		ug/L		95	74 - 123
Trichlorofluoromethane	ND		2500	2600		ug/L		104	62 - 150
Vinyl chloride	1100		2500	3330		ug/L		91	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	95		80 - 120

Lab Sample ID: 480-112334-13 MSD

Matrix: Water

Analysis Batch: 340437

Client Sample ID: DPT-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		2500	2450		ug/L		98	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		2500	2180		ug/L		87	76 - 120	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2500	2350		ug/L		94	61 - 148	2	20
1,1,2-Trichloroethane	ND		2500	2090		ug/L		84	76 - 122	1	15
1,1-Dichloroethane	ND		2500	2260		ug/L		90	77 - 120	3	20
1,1-Dichloroethene	ND		2500	2190		ug/L		88	66 - 127	0	16
1,2,4-Trichlorobenzene	ND		2500	2220		ug/L		89	79 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		2500	2000		ug/L		80	56 - 134	2	15
1,2-Dibromoethane	ND		2500	2200		ug/L		88	77 - 120	1	15
1,2-Dichlorobenzene	ND		2500	2320		ug/L		93	80 - 124	0	20
1,2-Dichloroethane	ND		2500	2340		ug/L		94	75 - 120	1	20
1,2-Dichloropropane	ND		2500	2230		ug/L		89	76 - 120	3	20
1,3-Dichlorobenzene	ND		2500	2320		ug/L		93	77 - 120	3	20
1,4-Dichlorobenzene	ND		2500	2310		ug/L		92	78 - 124	1	20
2-Butanone (MEK)	ND		12500	10800		ug/L		86	57 - 140	2	20
2-Hexanone	ND		12500	10000		ug/L		80	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		12500	10000		ug/L		80	71 - 125	2	35
Acetone	ND		12500	11500		ug/L		92	56 - 142	4	15
Benzene	ND		2500	2350		ug/L		94	71 - 124	4	13
Bromodichloromethane	ND		2500	2280		ug/L		91	80 - 122	5	15
Bromoform	ND		2500	2100		ug/L		84	61 - 132	3	15
Bromomethane	ND		2500	2940		ug/L		117	55 - 144	2	15
Carbon disulfide	ND		2500	2070		ug/L		83	59 - 134	1	15
Carbon tetrachloride	ND		2500	2330		ug/L		93	72 - 134	1	15
Chlorobenzene	ND		2500	2240		ug/L		90	80 - 120	2	25
Chloroethane	ND		2500	2630		ug/L		105	69 - 136	2	15
Chloroform	ND		2500	2350		ug/L		94	73 - 127	0	20

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-112334-13 MSD

Matrix: Water

Analysis Batch: 340437

Client Sample ID: DPT-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	ND		2500	1940		ug/L		78	68 - 124	7	15
cis-1,2-Dichloroethene	4300		2500	6890		ug/L		105	74 - 124	2	15
cis-1,3-Dichloropropene	ND		2500	2200		ug/L		88	74 - 124	3	15
Cyclohexane	ND		2500	2100		ug/L		84	59 - 135	1	20
Dibromochloromethane	ND		2500	2160		ug/L		87	75 - 125	3	15
Dichlorodifluoromethane	ND		2500	2170		ug/L		87	59 - 135	0	20
Ethylbenzene	ND		2500	2260		ug/L		90	77 - 123	5	15
Isopropylbenzene	ND		2500	2320		ug/L		93	77 - 122	1	20
Methyl acetate	ND	*	12500	9730		ug/L		78	74 - 133	4	20
Methyl tert-butyl ether	ND		2500	2220		ug/L		89	77 - 120	3	37
Methylcyclohexane	ND		2500	2180		ug/L		87	68 - 134	1	20
Methylene Chloride	81	J	2500	2260		ug/L		87	75 - 124	2	15
Styrene	ND		2500	2240		ug/L		90	80 - 120	3	20
Tetrachloroethene	ND		2500	2350		ug/L		94	74 - 122	1	20
Toluene	ND		2500	2270		ug/L		91	80 - 122	2	15
trans-1,2-Dichloroethene	ND		2500	2420		ug/L		97	73 - 127	9	20
trans-1,3-Dichloropropene	ND		2500	2130		ug/L		85	80 - 120	3	15
Trichloroethene	ND		2500	2390		ug/L		96	74 - 123	0	16
Trichlorofluoromethane	ND		2500	2600		ug/L		104	62 - 150	0	20
Vinyl chloride	1100		2500	3300		ug/L		89	65 - 133	1	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	95		80 - 120

Lab Sample ID: MB 480-340630/6

Matrix: Water

Analysis Batch: 340630

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/19/17 11:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/19/17 11:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/19/17 11:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/19/17 11:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/19/17 11:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/19/17 11:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/19/17 11:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/19/17 11:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/19/17 11:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/19/17 11:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/19/17 11:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/19/17 11:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/19/17 11:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/19/17 11:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/19/17 11:13	1
2-Hexanone	ND		5.0	1.2	ug/L			01/19/17 11:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/19/17 11:13	1

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-340630/6

Matrix: Water

Analysis Batch: 340630

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		10	3.0	ug/L			01/19/17 11:13	1
Benzene	ND		1.0	0.41	ug/L			01/19/17 11:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/19/17 11:13	1
Bromoform	ND		1.0	0.26	ug/L			01/19/17 11:13	1
Bromomethane	ND		1.0	0.69	ug/L			01/19/17 11:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/19/17 11:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/19/17 11:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/19/17 11:13	1
Chloroethane	ND		1.0	0.32	ug/L			01/19/17 11:13	1
Chloroform	ND		1.0	0.34	ug/L			01/19/17 11:13	1
Chloromethane	ND		1.0	0.35	ug/L			01/19/17 11:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/19/17 11:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/19/17 11:13	1
Cyclohexane	ND		1.0	0.18	ug/L			01/19/17 11:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/19/17 11:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/19/17 11:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/19/17 11:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/19/17 11:13	1
Methyl acetate	ND		2.5	1.3	ug/L			01/19/17 11:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/19/17 11:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/19/17 11:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/19/17 11:13	1
Styrene	ND		1.0	0.73	ug/L			01/19/17 11:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/19/17 11:13	1
Toluene	ND		1.0	0.51	ug/L			01/19/17 11:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/19/17 11:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/19/17 11:13	1
Trichloroethene	ND		1.0	0.46	ug/L			01/19/17 11:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/19/17 11:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/19/17 11:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/19/17 11:13	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		01/19/17 11:13	1
4-Bromofluorobenzene (Surr)	95		73 - 120		01/19/17 11:13	1
Toluene-d8 (Surr)	97		80 - 120		01/19/17 11:13	1

Lab Sample ID: LCS 480-340630/4

Matrix: Water

Analysis Batch: 340630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	22.2		ug/L		89	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.1		ug/L		88	61 - 148
1,1,2-Trichloroethane	25.0	21.9		ug/L		88	76 - 122
1,1-Dichloroethane	25.0	21.7		ug/L		87	77 - 120

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-340630/4

Matrix: Water

Analysis Batch: 340630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	25.0	21.4		ug/L		86	66 - 127
1,2,4-Trichlorobenzene	25.0	22.5		ug/L		90	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.6		ug/L		82	56 - 134
1,2-Dibromoethane	25.0	23.2		ug/L		93	77 - 120
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	23.5		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	24.4		ug/L		97	80 - 120
2-Butanone (MEK)	125	104		ug/L		84	57 - 140
2-Hexanone	125	97.5		ug/L		78	65 - 127
4-Methyl-2-pentanone (MIBK)	125	96.9		ug/L		78	71 - 125
Acetone	125	107		ug/L		86	56 - 142
Benzene	25.0	22.9		ug/L		92	71 - 124
Bromodichloromethane	25.0	22.2		ug/L		89	80 - 122
Bromoform	25.0	21.2		ug/L		85	61 - 132
Bromomethane	25.0	26.9		ug/L		107	55 - 144
Carbon disulfide	25.0	20.0		ug/L		80	59 - 134
Carbon tetrachloride	25.0	22.1		ug/L		88	72 - 134
Chlorobenzene	25.0	22.9		ug/L		92	80 - 120
Chloroethane	25.0	24.2		ug/L		97	69 - 136
Chloroform	25.0	24.0		ug/L		96	73 - 127
Chloromethane	25.0	20.2		ug/L		81	68 - 124
cis-1,2-Dichloroethene	25.0	23.3		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	23.2		ug/L		93	74 - 124
Cyclohexane	25.0	19.4		ug/L		78	59 - 135
Dibromochloromethane	25.0	22.6		ug/L		90	75 - 125
Dichlorodifluoromethane	25.0	22.8		ug/L		91	59 - 135
Ethylbenzene	25.0	22.8		ug/L		91	77 - 123
Isopropylbenzene	25.0	23.5		ug/L		94	77 - 122
Methyl acetate	125	93.9		ug/L		75	74 - 133
Methyl tert-butyl ether	25.0	21.9		ug/L		88	77 - 120
Methylcyclohexane	25.0	21.2		ug/L		85	68 - 134
Methylene Chloride	25.0	21.6		ug/L		87	75 - 124
Styrene	25.0	23.5		ug/L		94	80 - 120
Tetrachloroethene	25.0	22.8		ug/L		91	74 - 122
Toluene	25.0	22.9		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	21.7		ug/L		87	73 - 127
trans-1,3-Dichloropropene	25.0	22.4		ug/L		90	80 - 120
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	23.7		ug/L		95	62 - 150
Vinyl chloride	25.0	23.6		ug/L		94	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	98		80 - 120

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-112334-15 MS

Matrix: Water

Analysis Batch: 340630

Client Sample ID: DPT-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		500	483		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	ND		500	437		ug/L		87	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	455		ug/L		91	61 - 148
1,1,2-Trichloroethane	ND		500	443		ug/L		89	76 - 122
1,1-Dichloroethane	91		500	508		ug/L		83	77 - 120
1,1-Dichloroethene	ND		500	438		ug/L		88	66 - 127
1,2,4-Trichlorobenzene	ND		500	434		ug/L		87	79 - 122
1,2-Dibromo-3-Chloropropane	ND		500	418		ug/L		84	56 - 134
1,2-Dibromoethane	ND		500	457		ug/L		91	77 - 120
1,2-Dichlorobenzene	ND		500	462		ug/L		92	80 - 124
1,2-Dichloroethane	ND		500	469		ug/L		94	75 - 120
1,2-Dichloropropane	ND		500	447		ug/L		89	76 - 120
1,3-Dichlorobenzene	ND		500	480		ug/L		96	77 - 120
1,4-Dichlorobenzene	ND		500	472		ug/L		94	78 - 124
2-Butanone (MEK)	270		2500	2250		ug/L		79	57 - 140
2-Hexanone	ND		2500	1920		ug/L		77	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		2500	1970		ug/L		79	71 - 125
Acetone	140	J	2500	2170		ug/L		81	56 - 142
Benzene	ND		500	460		ug/L		92	71 - 124
Bromodichloromethane	ND		500	451		ug/L		90	80 - 122
Bromoform	ND		500	416		ug/L		83	61 - 132
Bromomethane	ND		500	526		ug/L		105	55 - 144
Carbon disulfide	ND		500	407		ug/L		81	59 - 134
Carbon tetrachloride	ND		500	463		ug/L		93	72 - 134
Chlorobenzene	ND		500	434		ug/L		87	80 - 120
Chloroethane	530	F1	500	855	F1	ug/L		65	69 - 136
Chloroform	ND		500	485		ug/L		97	73 - 127
Chloromethane	ND		500	395		ug/L		79	68 - 124
cis-1,2-Dichloroethene	ND		500	467		ug/L		93	74 - 124
cis-1,3-Dichloropropene	ND		500	460		ug/L		92	74 - 124
Cyclohexane	ND		500	417		ug/L		83	59 - 135
Dibromochloromethane	ND		500	444		ug/L		89	75 - 125
Dichlorodifluoromethane	ND		500	478		ug/L		96	59 - 135
Ethylbenzene	ND		500	453		ug/L		91	77 - 123
Isopropylbenzene	ND		500	459		ug/L		92	77 - 122
Methyl acetate	ND		2500	1890		ug/L		76	74 - 133
Methyl tert-butyl ether	ND		500	436		ug/L		87	77 - 120
Methylcyclohexane	ND		500	434		ug/L		87	68 - 134
Methylene Chloride	12	J	500	448		ug/L		87	75 - 124
Styrene	ND		500	458		ug/L		92	80 - 120
Tetrachloroethene	ND		500	466		ug/L		93	74 - 122
Toluene	ND		500	453		ug/L		91	80 - 122
trans-1,2-Dichloroethene	ND		500	459		ug/L		92	73 - 127
trans-1,3-Dichloropropene	ND		500	438		ug/L		88	80 - 120
Trichloroethene	ND		500	475		ug/L		95	74 - 123
Trichlorofluoromethane	ND		500	529		ug/L		106	62 - 150
Vinyl chloride	50		500	523		ug/L		95	65 - 133

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-112334-15 MS

Matrix: Water

Analysis Batch: 340630

Client Sample ID: DPT-7

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 480-112334-15 MSD

Matrix: Water

Analysis Batch: 340630

Client Sample ID: DPT-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		500	491		ug/L		98	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		500	431		ug/L		86	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	458		ug/L		92	61 - 148	1	20
1,1,2-Trichloroethane	ND		500	432		ug/L		86	76 - 122	2	15
1,1-Dichloroethane	91		500	513		ug/L		84	77 - 120	1	20
1,1-Dichloroethene	ND		500	450		ug/L		90	66 - 127	3	16
1,2,4-Trichlorobenzene	ND		500	452		ug/L		90	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		500	424		ug/L		85	56 - 134	2	15
1,2-Dibromoethane	ND		500	462		ug/L		92	77 - 120	1	15
1,2-Dichlorobenzene	ND		500	469		ug/L		94	80 - 124	1	20
1,2-Dichloroethane	ND		500	478		ug/L		96	75 - 120	2	20
1,2-Dichloropropane	ND		500	442		ug/L		88	76 - 120	1	20
1,3-Dichlorobenzene	ND		500	476		ug/L		95	77 - 120	1	20
1,4-Dichlorobenzene	ND		500	472		ug/L		94	78 - 124	0	20
2-Butanone (MEK)	270		2500	2250		ug/L		79	57 - 140	0	20
2-Hexanone	ND		2500	1920		ug/L		77	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		2500	1960		ug/L		79	71 - 125	0	35
Acetone	140	J	2500	2140		ug/L		80	56 - 142	1	15
Benzene	ND		500	467		ug/L		93	71 - 124	2	13
Bromodichloromethane	ND		500	462		ug/L		92	80 - 122	2	15
Bromoform	ND		500	447		ug/L		89	61 - 132	7	15
Bromomethane	ND		500	565		ug/L		113	55 - 144	7	15
Carbon disulfide	ND		500	398		ug/L		80	59 - 134	2	15
Carbon tetrachloride	ND		500	475		ug/L		95	72 - 134	3	15
Chlorobenzene	ND		500	465		ug/L		93	80 - 120	7	25
Chloroethane	530	F1	500	893		ug/L		73	69 - 136	4	15
Chloroform	ND		500	481		ug/L		96	73 - 127	1	20
Chloromethane	ND		500	396		ug/L		79	68 - 124	0	15
cis-1,2-Dichloroethene	ND		500	471		ug/L		94	74 - 124	1	15
cis-1,3-Dichloropropene	ND		500	463		ug/L		93	74 - 124	1	15
Cyclohexane	ND		500	419		ug/L		84	59 - 135	0	20
Dibromochloromethane	ND		500	463		ug/L		93	75 - 125	4	15
Dichlorodifluoromethane	ND		500	478		ug/L		96	59 - 135	0	20
Ethylbenzene	ND		500	471		ug/L		94	77 - 123	4	15
Isopropylbenzene	ND		500	462		ug/L		92	77 - 122	1	20
Methyl acetate	ND		2500	1880		ug/L		75	74 - 133	1	20
Methyl tert-butyl ether	ND		500	441		ug/L		88	77 - 120	1	37
Methylcyclohexane	ND		500	435		ug/L		87	68 - 134	0	20

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-112334-15 MSD

Matrix: Water

Analysis Batch: 340630

Client Sample ID: DPT-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	12	J	500	456		ug/L		89	75 - 124	2	15
Styrene	ND		500	477		ug/L		95	80 - 120	4	20
Tetrachloroethene	ND		500	482		ug/L		96	74 - 122	3	20
Toluene	ND		500	467		ug/L		93	80 - 122	3	15
trans-1,2-Dichloroethene	ND		500	464		ug/L		93	73 - 127	1	20
trans-1,3-Dichloropropene	ND		500	454		ug/L		91	80 - 120	4	15
Trichloroethene	ND		500	479		ug/L		96	74 - 123	1	16
Trichlorofluoromethane	ND		500	520		ug/L		104	62 - 150	2	20
Vinyl chloride	50		500	518		ug/L		93	65 - 133	1	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: MB 480-341263/6

Matrix: Water

Analysis Batch: 341263

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/24/17 23:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/24/17 23:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/24/17 23:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/24/17 23:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/24/17 23:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/24/17 23:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/24/17 23:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/24/17 23:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/24/17 23:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/24/17 23:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/24/17 23:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/24/17 23:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/24/17 23:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/24/17 23:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/24/17 23:15	1
2-Hexanone	ND		5.0	1.2	ug/L			01/24/17 23:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/24/17 23:15	1
Acetone	ND		10	3.0	ug/L			01/24/17 23:15	1
Benzene	ND		1.0	0.41	ug/L			01/24/17 23:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/24/17 23:15	1
Bromoform	ND		1.0	0.26	ug/L			01/24/17 23:15	1
Bromomethane	ND		1.0	0.69	ug/L			01/24/17 23:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/24/17 23:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/24/17 23:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/24/17 23:15	1
Chloroethane	ND		1.0	0.32	ug/L			01/24/17 23:15	1
Chloroform	ND		1.0	0.34	ug/L			01/24/17 23:15	1
Chloromethane	ND		1.0	0.35	ug/L			01/24/17 23:15	1

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-341263/6
Matrix: Water
Analysis Batch: 341263

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/24/17 23:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/24/17 23:15	1
Cyclohexane	ND		1.0	0.18	ug/L			01/24/17 23:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/24/17 23:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/17 23:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/24/17 23:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/24/17 23:15	1
Methyl acetate	ND		2.5	1.3	ug/L			01/24/17 23:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/24/17 23:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/24/17 23:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/24/17 23:15	1
Styrene	ND		1.0	0.73	ug/L			01/24/17 23:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/24/17 23:15	1
Toluene	ND		1.0	0.51	ug/L			01/24/17 23:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/24/17 23:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/24/17 23:15	1
Trichloroethene	ND		1.0	0.46	ug/L			01/24/17 23:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/24/17 23:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/24/17 23:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/24/17 23:15	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		01/24/17 23:15	1
4-Bromofluorobenzene (Surr)	99		73 - 120		01/24/17 23:15	1
Toluene-d8 (Surr)	101		80 - 120		01/24/17 23:15	1

Lab Sample ID: LCS 480-341263/4
Matrix: Water
Analysis Batch: 341263

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.8		ug/L		107	61 - 148
1,1,2-Trichloroethane	25.0	24.6		ug/L		99	76 - 122
1,1-Dichloroethane	25.0	25.1		ug/L		100	77 - 120
1,1-Dichloroethene	25.0	25.8		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	25.0	24.8		ug/L		99	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.0		ug/L		92	56 - 134
1,2-Dibromoethane	25.0	25.7		ug/L		103	77 - 120
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	26.3		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	25.2		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 120
2-Butanone (MEK)	125	116		ug/L		92	57 - 140
2-Hexanone	125	128		ug/L		102	65 - 127

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-341263/4
Matrix: Water
Analysis Batch: 341263

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125
Acetone	125	103		ug/L		83	56 - 142
Benzene	25.0	25.5		ug/L		102	71 - 124
Bromodichloromethane	25.0	26.1		ug/L		104	80 - 122
Bromoform	25.0	25.6		ug/L		102	61 - 132
Bromomethane	25.0	34.5		ug/L		138	55 - 144
Carbon disulfide	25.0	26.5		ug/L		106	59 - 134
Carbon tetrachloride	25.0	26.6		ug/L		106	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	80 - 120
Chloroethane	25.0	32.4		ug/L		130	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	26.7		ug/L		107	68 - 124
cis-1,2-Dichloroethene	25.0	25.2		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	27.0		ug/L		108	74 - 124
Cyclohexane	25.0	27.0		ug/L		108	59 - 135
Dibromochloromethane	25.0	26.1		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	26.9		ug/L		108	59 - 135
Ethylbenzene	25.0	26.1		ug/L		104	77 - 123
Isopropylbenzene	25.0	26.4		ug/L		106	77 - 122
Methyl acetate	125	117		ug/L		93	74 - 133
Methyl tert-butyl ether	25.0	26.0		ug/L		104	77 - 120
Methylcyclohexane	25.0	27.5		ug/L		110	68 - 134
Methylene Chloride	25.0	25.0		ug/L		100	75 - 124
Styrene	25.0	27.3		ug/L		109	80 - 120
Tetrachloroethene	25.0	25.9		ug/L		104	74 - 122
Toluene	25.0	25.1		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	25.1		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	80 - 120
Trichloroethene	25.0	25.4		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	26.5		ug/L		106	62 - 150
Vinyl chloride	25.0	26.6		ug/L		106	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: MB 480-341308/6
Matrix: Water
Analysis Batch: 341308

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/25/17 11:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/25/17 11:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/25/17 11:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/25/17 11:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/25/17 11:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/25/17 11:18	1

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-341308/6
Matrix: Water
Analysis Batch: 341308

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/25/17 11:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/25/17 11:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/25/17 11:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/25/17 11:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/25/17 11:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/25/17 11:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/25/17 11:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/25/17 11:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/25/17 11:18	1
2-Hexanone	ND		5.0	1.2	ug/L			01/25/17 11:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/25/17 11:18	1
Acetone	ND		10	3.0	ug/L			01/25/17 11:18	1
Benzene	ND		1.0	0.41	ug/L			01/25/17 11:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/25/17 11:18	1
Bromoform	ND		1.0	0.26	ug/L			01/25/17 11:18	1
Bromomethane	ND		1.0	0.69	ug/L			01/25/17 11:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/25/17 11:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/25/17 11:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/25/17 11:18	1
Chloroethane	ND		1.0	0.32	ug/L			01/25/17 11:18	1
Chloroform	ND		1.0	0.34	ug/L			01/25/17 11:18	1
Chloromethane	ND		1.0	0.35	ug/L			01/25/17 11:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/25/17 11:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/25/17 11:18	1
Cyclohexane	ND		1.0	0.18	ug/L			01/25/17 11:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/25/17 11:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/25/17 11:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/25/17 11:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/25/17 11:18	1
Methyl acetate	ND		2.5	1.3	ug/L			01/25/17 11:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/25/17 11:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/25/17 11:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/25/17 11:18	1
Styrene	ND		1.0	0.73	ug/L			01/25/17 11:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/25/17 11:18	1
Toluene	ND		1.0	0.51	ug/L			01/25/17 11:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/25/17 11:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/25/17 11:18	1
Trichloroethene	ND		1.0	0.46	ug/L			01/25/17 11:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/25/17 11:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/25/17 11:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/25/17 11:18	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		01/25/17 11:18	1
4-Bromofluorobenzene (Surr)	99		73 - 120		01/25/17 11:18	1
Toluene-d8 (Surr)	98		80 - 120		01/25/17 11:18	1

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-341308/4

Matrix: Water

Analysis Batch: 341308

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.1		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.1		ug/L		108	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.9		ug/L		100	61 - 148
1,1,2-Trichloroethane	25.0	26.6		ug/L		106	76 - 122
1,1-Dichloroethane	25.0	26.8		ug/L		107	77 - 120
1,1-Dichloroethene	25.0	26.0		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.4		ug/L		102	56 - 134
1,2-Dibromoethane	25.0	28.2		ug/L		113	77 - 120
1,2-Dichlorobenzene	25.0	26.5		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	25.9		ug/L		104	75 - 120
1,2-Dichloropropane	25.0	28.0		ug/L		112	76 - 120
1,3-Dichlorobenzene	25.0	27.0		ug/L		108	77 - 120
1,4-Dichlorobenzene	25.0	26.7		ug/L		107	80 - 120
2-Butanone (MEK)	125	128		ug/L		102	57 - 140
2-Hexanone	125	142		ug/L		114	65 - 127
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		109	71 - 125
Acetone	125	113		ug/L		91	56 - 142
Benzene	25.0	26.9		ug/L		108	71 - 124
Bromodichloromethane	25.0	28.3		ug/L		113	80 - 122
Bromoform	25.0	28.9		ug/L		116	61 - 132
Bromomethane	25.0	30.8		ug/L		123	55 - 144
Carbon disulfide	25.0	27.2		ug/L		109	59 - 134
Carbon tetrachloride	25.0	26.0		ug/L		104	72 - 134
Chlorobenzene	25.0	26.6		ug/L		106	80 - 120
Chloroethane	25.0	29.3		ug/L		117	69 - 136
Chloroform	25.0	26.0		ug/L		104	73 - 127
Chloromethane	25.0	26.5		ug/L		106	68 - 124
cis-1,2-Dichloroethene	25.0	27.1		ug/L		108	74 - 124
cis-1,3-Dichloropropene	25.0	29.1		ug/L		116	74 - 124
Cyclohexane	25.0	26.5		ug/L		106	59 - 135
Dibromochloromethane	25.0	28.8		ug/L		115	75 - 125
Dichlorodifluoromethane	25.0	23.3		ug/L		93	59 - 135
Ethylbenzene	25.0	27.4		ug/L		109	77 - 123
Isopropylbenzene	25.0	26.8		ug/L		107	77 - 122
Methyl acetate	125	128		ug/L		103	74 - 133
Methyl tert-butyl ether	25.0	27.5		ug/L		110	77 - 120
Methylcyclohexane	25.0	26.5		ug/L		106	68 - 134
Methylene Chloride	25.0	26.8		ug/L		107	75 - 124
Styrene	25.0	29.6		ug/L		118	80 - 120
Tetrachloroethene	25.0	26.0		ug/L		104	74 - 122
Toluene	25.0	26.7		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	26.3		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	28.2		ug/L		113	80 - 120
Trichloroethene	25.0	26.6		ug/L		106	74 - 123
Trichlorofluoromethane	25.0	24.0		ug/L		96	62 - 150
Vinyl chloride	25.0	24.7		ug/L		99	65 - 133

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-341308/4

Matrix: Water

Analysis Batch: 341308

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Surrogate</i>	<i>LCS %Recovery</i>	<i>LCS Qualifier</i>	<i>Limits</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	99		77 - 120
<i>4-Bromofluorobenzene (Surr)</i>	101		73 - 120
<i>Toluene-d8 (Surr)</i>	99		80 - 120

Definitions/Glossary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
E	Result exceeded calibration range.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

GC/MS VOA

Analysis Batch: 340386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112334-1	MW-2	Total/NA	Water	8260C	
480-112334-2	MW-6	Total/NA	Water	8260C	
480-112334-8	GWCT	Total/NA	Water	8260C	
480-112334-9	Trip Blank	Total/NA	Water	8260C	
480-112334-10	DPT-1	Total/NA	Water	8260C	
480-112334-12	DPT-3	Total/NA	Water	8260C	
480-112334-14	DPT-5	Total/NA	Water	8260C	
480-112334-16	DPT-8	Total/NA	Water	8260C	
MB 480-340386/7	Method Blank	Total/NA	Water	8260C	
LCS 480-340386/5	Lab Control Sample	Total/NA	Water	8260C	
480-112334-14 MS	DPT-5	Total/NA	Water	8260C	
480-112334-14 MSD	DPT-5	Total/NA	Water	8260C	

Analysis Batch: 340437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112334-3	MW-10	Total/NA	Water	8260C	
480-112334-4	MW-11	Total/NA	Water	8260C	
480-112334-6	Rinse	Total/NA	Water	8260C	
480-112334-7	MW-8R	Total/NA	Water	8260C	
480-112334-11	DPT-2	Total/NA	Water	8260C	
480-112334-13	DPT-4	Total/NA	Water	8260C	
480-112334-14 - DL	DPT-5	Total/NA	Water	8260C	
480-112334-16 - DL	DPT-8	Total/NA	Water	8260C	
MB 480-340437/6	Method Blank	Total/NA	Water	8260C	
LCS 480-340437/4	Lab Control Sample	Total/NA	Water	8260C	
480-112334-13 MS	DPT-4	Total/NA	Water	8260C	
480-112334-13 MSD	DPT-4	Total/NA	Water	8260C	

Analysis Batch: 340630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112334-5	Duplicate	Total/NA	Water	8260C	
480-112334-7 - DL	MW-8R	Total/NA	Water	8260C	
480-112334-15	DPT-7	Total/NA	Water	8260C	
MB 480-340630/6	Method Blank	Total/NA	Water	8260C	
LCS 480-340630/4	Lab Control Sample	Total/NA	Water	8260C	
480-112334-15 MS	DPT-7	Total/NA	Water	8260C	
480-112334-15 MSD	DPT-7	Total/NA	Water	8260C	

Analysis Batch: 341263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112525-1	MW-3	Total/NA	Water	8260C	
480-112525-2	MW-4	Total/NA	Water	8260C	
480-112525-3	MW-12	Total/NA	Water	8260C	
480-112525-4	MW-13S	Total/NA	Water	8260C	
480-112525-5	MW-13D	Total/NA	Water	8260C	
480-112525-6	MW-16S	Total/NA	Water	8260C	
480-112525-7	MW-16D	Total/NA	Water	8260C	
MB 480-341263/6	Method Blank	Total/NA	Water	8260C	
LCS 480-341263/4	Lab Control Sample	Total/NA	Water	8260C	

QC Association Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

GC/MS VOA (Continued)

Analysis Batch: 341308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112525-6 - DL	MW-16S	Total/NA	Water	8260C	
MB 480-341308/6	Method Blank	Total/NA	Water	8260C	
LCS 480-341308/4	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-2
Date Collected: 01/17/17 08:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	340386	01/18/17 00:03	RJF	TAL BUF

Client Sample ID: MW-6
Date Collected: 01/17/17 10:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	340386	01/18/17 00:30	RJF	TAL BUF

Client Sample ID: MW-10
Date Collected: 01/17/17 09:15
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	340437	01/18/17 14:33	SMY	TAL BUF

Client Sample ID: MW-11
Date Collected: 01/17/17 11:20
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	340437	01/18/17 15:00	SMY	TAL BUF

Client Sample ID: Duplicate
Date Collected: 01/17/17 06:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	340630	01/19/17 12:17	SMY	TAL BUF

Client Sample ID: Rinse
Date Collected: 01/17/17 07:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	340437	01/18/17 15:54	SMY	TAL BUF

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-8R
Date Collected: 01/17/17 12:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	340437	01/18/17 16:20	SMY	TAL BUF
Total/NA	Analysis	8260C	DL	400	340630	01/19/17 12:44	SMY	TAL BUF

Client Sample ID: GWCT
Date Collected: 01/16/17 08:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	340386	01/18/17 00:57	RJF	TAL BUF

Client Sample ID: Trip Blank
Date Collected: 01/16/17 07:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	340386	01/18/17 01:25	RJF	TAL BUF

Client Sample ID: DPT-1
Date Collected: 01/16/17 15:45
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	340386	01/18/17 01:52	RJF	TAL BUF

Client Sample ID: DPT-2
Date Collected: 01/16/17 14:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	340437	01/18/17 12:16	SMY	TAL BUF

Client Sample ID: DPT-3
Date Collected: 01/16/17 12:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	340386	01/18/17 02:47	RJF	TAL BUF

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: DPT-4
Date Collected: 01/16/17 12:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	340437	01/18/17 12:43	SMY	TAL BUF

Client Sample ID: DPT-5
Date Collected: 01/16/17 15:15
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	500	340437	01/18/17 13:10	SMY	TAL BUF
Total/NA	Analysis	8260C		50	340386	01/18/17 03:42	RJF	TAL BUF

Client Sample ID: DPT-7
Date Collected: 01/16/17 11:30
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	340630	01/19/17 13:11	SMY	TAL BUF

Client Sample ID: DPT-8
Date Collected: 01/16/17 11:00
Date Received: 01/17/17 16:20

Lab Sample ID: 480-112334-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	100	340437	01/18/17 14:04	SMY	TAL BUF
Total/NA	Analysis	8260C		40	340386	01/18/17 04:37	RJF	TAL BUF

Client Sample ID: MW-3
Date Collected: 01/19/17 08:00
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	341263	01/25/17 00:10	RJF	TAL BUF

Client Sample ID: MW-4
Date Collected: 01/19/17 10:20
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	341263	01/25/17 00:37	RJF	TAL BUF

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Client Sample ID: MW-12
Date Collected: 01/19/17 09:30
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	341263	01/25/17 01:04	RJF	TAL BUF

Client Sample ID: MW-13S
Date Collected: 01/19/17 11:30
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	341263	01/25/17 01:32	RJF	TAL BUF

Client Sample ID: MW-13D
Date Collected: 01/19/17 12:15
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	341263	01/25/17 01:59	RJF	TAL BUF

Client Sample ID: MW-16S
Date Collected: 01/19/17 13:40
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	341263	01/25/17 02:27	RJF	TAL BUF
Total/NA	Analysis	8260C	DL	1000	341308	01/25/17 12:05	RRS	TAL BUF

Client Sample ID: MW-16D
Date Collected: 01/19/17 14:30
Date Received: 01/20/17 11:00

Lab Sample ID: 480-112525-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	341263	01/25/17 02:54	RJF	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-112334-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-17 *

* Certification renewal pending - certification considered valid.

Method 8260C

Volatile Organic Compounds (GC/MS)
by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): ZB-624 (60) ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
MW-2	480-112334-1	105	100	101
MW-6	480-112334-2	104	99	98
MW-10	480-112334-3	101	92	96
MW-11	480-112334-4	103	94	97
Duplicate	480-112334-5	104	94	99
Rinse	480-112334-6	102	92	95
MW-8R	480-112334-7	103	93	95
MW-8R DL	480-112334-7 DL	104	95	97
GWCT	480-112334-8	106	97	97
Trip Blank	480-112334-9	103	99	97
DPT-1	480-112334-10	106	97	95
DPT-2	480-112334-11	98	93	95
DPT-3	480-112334-12	106	98	92
DPT-4	480-112334-13	97	91	97
DPT-5	480-112334-14	110	98	93
DPT-5 DL	480-112334-14 DL	97	92	94
DPT-7	480-112334-15	106	98	97
DPT-8	480-112334-16	105	99	95
DPT-8 DL	480-112334-16 DL	103	91	97
MW-3	480-112525-1	101	101	98
MW-4	480-112525-2	99	100	98
MW-12	480-112525-3	100	97	97
MW-13S	480-112525-4	100	98	99
MW-13D	480-112525-5	102	100	99
MW-16S	480-112525-6	101	101	100
MW-16S DL	480-112525-6 DL	103	98	98
MW-16D	480-112525-7	104	99	97
	MB 480-340386/7	105	98	95
	MB 480-340437/6	96	97	99
	MB 480-340630/6	103	97	95
	MB 480-341263/6	101	101	99
	MB 480-341308/6	101	98	99
	LCS 480-340386/5	105	99	103
	LCS 480-340437/4	93	98	95
	LCS 480-340630/4	101	98	96

QC LIMITS

DCA = 1,2-Dichloroethane-d4 (Surr)

77-120

TOL = Toluene-d8 (Surr)

80-120

BFB = 4-Bromofluorobenzene (Surr)

73-120

Column to be used to flag recovery values

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): ZB-624 (60) ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
	LCS 480-341263/4	99	102	101
	LCS 480-341308/4	99	99	101
DPT-4 MS	480-112334-13 MS	97	95	96
DPT-5 MS	480-112334-14 MS	105	99	101
DPT-7 MS	480-112334-15 MS	104	98	98
DPT-4 MSD	480-112334-13 MSD	104	95	96
DPT-5 MSD	480-112334-14 MSD	105	99	100
DPT-7 MSD	480-112334-15 MSD	102	97	98

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

QC LIMITS
77-120
80-120
73-120

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P22061.D

Lab ID: LCS 480-340386/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	25.6	102	73-126	
1,1,2,2-Tetrachloroethane	25.0	22.6	90	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2	109	61-148	
1,1,2-Trichloroethane	25.0	25.2	101	76-122	
1,1-Dichloroethane	25.0	25.2	101	77-120	
1,1-Dichloroethene	25.0	25.2	101	66-127	
1,2,4-Trichlorobenzene	25.0	22.5	90	79-122	
1,2-Dibromo-3-Chloropropane	25.0	21.1	84	56-134	
1,2-Dibromoethane	25.0	25.4	101	77-120	
1,2-Dichlorobenzene	25.0	23.0	92	80-124	
1,2-Dichloroethane	25.0	26.2	105	75-120	
1,2-Dichloropropane	25.0	25.2	101	76-120	
1,3-Dichlorobenzene	25.0	23.5	94	77-120	
1,4-Dichlorobenzene	25.0	23.4	94	80-120	
2-Butanone (MEK)	125	137	110	57-140	
2-Hexanone	125	131	105	65-127	
4-Methyl-2-pentanone (MIBK)	125	123	99	71-125	
Acetone	125	178	142	56-142	
Benzene	25.0	25.1	101	71-124	
Bromodichloromethane	25.0	27.0	108	80-122	
Bromoform	25.0	23.6	94	61-132	
Bromomethane	25.0	38.1	152	55-144	*
Carbon disulfide	25.0	22.9	92	59-134	
Carbon tetrachloride	25.0	27.4	110	72-134	
Chlorobenzene	25.0	24.9	100	80-120	
Chloroethane	25.0	28.3	113	69-136	
Chloroform	25.0	25.3	101	73-127	
Chloromethane	25.0	25.1	101	68-124	
cis-1,2-Dichloroethene	25.0	25.4	101	74-124	
cis-1,3-Dichloropropene	25.0	26.0	104	74-124	
Cyclohexane	25.0	25.3	101	59-135	
Dibromochloromethane	25.0	26.8	107	75-125	
Dichlorodifluoromethane	25.0	30.7	123	59-135	
Ethylbenzene	25.0	25.2	101	77-123	
Isopropylbenzene	25.0	23.3	93	77-122	
Methyl acetate	125	123	98	74-133	
Methyl tert-butyl ether	25.0	25.2	101	77-120	
Methylcyclohexane	25.0	24.4	98	68-134	
Methylene Chloride	25.0	26.4	106	75-124	
Styrene	25.0	24.5	98	80-120	
Tetrachloroethene	25.0	26.5	106	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P22061.D

Lab ID: LCS 480-340386/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	25.0	24.4	98	80-122	
trans-1,2-Dichloroethene	25.0	24.8	99	73-127	
trans-1,3-Dichloropropene	25.0	26.4	106	80-120	
Trichloroethene	25.0	24.6	98	74-123	
Trichlorofluoromethane	25.0	27.1	108	62-150	
Vinyl chloride	25.0	25.6	102	65-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: N2580.D

Lab ID: LCS 480-340437/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	22.0	88	73-126	
1,1,2,2-Tetrachloroethane	25.0	20.5	82	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.9	84	61-148	
1,1,2-Trichloroethane	25.0	21.2	85	76-122	
1,1-Dichloroethane	25.0	21.1	84	77-120	
1,1-Dichloroethene	25.0	20.6	82	66-127	
1,2,4-Trichlorobenzene	25.0	22.3	89	79-122	
1,2-Dibromo-3-Chloropropane	25.0	19.0	76	56-134	
1,2-Dibromoethane	25.0	22.0	88	77-120	
1,2-Dichlorobenzene	25.0	23.7	95	80-124	
1,2-Dichloroethane	25.0	21.3	85	75-120	
1,2-Dichloropropane	25.0	21.3	85	76-120	
1,3-Dichlorobenzene	25.0	22.9	92	77-120	
1,4-Dichlorobenzene	25.0	23.9	95	80-120	
2-Butanone (MEK)	125	83.3	67	57-140	
2-Hexanone	125	87.0	70	65-127	
4-Methyl-2-pentanone (MIBK)	125	89.8	72	71-125	
Acetone	125	81.5	65	56-142	
Benzene	25.0	21.9	88	71-124	
Bromodichloromethane	25.0	21.2	85	80-122	
Bromoform	25.0	20.2	81	61-132	
Bromomethane	25.0	23.3	93	55-144	
Carbon disulfide	25.0	19.5	78	59-134	
Carbon tetrachloride	25.0	20.9	84	72-134	
Chlorobenzene	25.0	22.2	89	80-120	
Chloroethane	25.0	22.3	89	69-136	
Chloroform	25.0	22.8	91	73-127	
Chloromethane	25.0	19.8	79	68-124	
cis-1,2-Dichloroethene	25.0	22.3	89	74-124	
cis-1,3-Dichloropropene	25.0	22.0	88	74-124	
Cyclohexane	25.0	18.7	75	59-135	
Dibromochloromethane	25.0	21.9	88	75-125	
Dichlorodifluoromethane	25.0	20.3	81	59-135	
Ethylbenzene	25.0	21.8	87	77-123	
Isopropylbenzene	25.0	22.5	90	77-122	
Methyl acetate	125	83.3	67	74-133	*
Methyl tert-butyl ether	25.0	20.8	83	77-120	
Methylcyclohexane	25.0	19.6	78	68-134	
Methylene Chloride	25.0	22.2	89	75-124	
Styrene	25.0	22.2	89	80-120	
Tetrachloroethene	25.0	22.7	91	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: N2580.D

Lab ID: LCS 480-340437/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	25.0	22.6	90	80-122	
trans-1,2-Dichloroethene	25.0	21.8	87	73-127	
trans-1,3-Dichloropropene	25.0	22.2	89	80-120	
Trichloroethene	25.0	22.3	89	74-123	
Trichlorofluoromethane	25.0	23.1	92	62-150	
Vinyl chloride	25.0	23.4	94	65-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: N2622.D

Lab ID: LCS 480-340630/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	23.6	94	73-126	
1,1,2,2-Tetrachloroethane	25.0	22.2	89	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.1	88	61-148	
1,1,2-Trichloroethane	25.0	21.9	88	76-122	
1,1-Dichloroethane	25.0	21.7	87	77-120	
1,1-Dichloroethene	25.0	21.4	86	66-127	
1,2,4-Trichlorobenzene	25.0	22.5	90	79-122	
1,2-Dibromo-3-Chloropropane	25.0	20.6	82	56-134	
1,2-Dibromoethane	25.0	23.2	93	77-120	
1,2-Dichlorobenzene	25.0	23.8	95	80-124	
1,2-Dichloroethane	25.0	23.5	94	75-120	
1,2-Dichloropropane	25.0	23.2	93	76-120	
1,3-Dichlorobenzene	25.0	23.2	93	77-120	
1,4-Dichlorobenzene	25.0	24.4	97	80-120	
2-Butanone (MEK)	125	104	84	57-140	
2-Hexanone	125	97.5	78	65-127	
4-Methyl-2-pentanone (MIBK)	125	96.9	78	71-125	
Acetone	125	107	86	56-142	
Benzene	25.0	22.9	92	71-124	
Bromodichloromethane	25.0	22.2	89	80-122	
Bromoform	25.0	21.2	85	61-132	
Bromomethane	25.0	26.9	107	55-144	
Carbon disulfide	25.0	20.0	80	59-134	
Carbon tetrachloride	25.0	22.1	88	72-134	
Chlorobenzene	25.0	22.9	92	80-120	
Chloroethane	25.0	24.2	97	69-136	
Chloroform	25.0	24.0	96	73-127	
Chloromethane	25.0	20.2	81	68-124	
cis-1,2-Dichloroethene	25.0	23.3	93	74-124	
cis-1,3-Dichloropropene	25.0	23.2	93	74-124	
Cyclohexane	25.0	19.4	78	59-135	
Dibromochloromethane	25.0	22.6	90	75-125	
Dichlorodifluoromethane	25.0	22.8	91	59-135	
Ethylbenzene	25.0	22.8	91	77-123	
Isopropylbenzene	25.0	23.5	94	77-122	
Methyl acetate	125	93.9	75	74-133	
Methyl tert-butyl ether	25.0	21.9	88	77-120	
Methylcyclohexane	25.0	21.2	85	68-134	
Methylene Chloride	25.0	21.6	87	75-124	
Styrene	25.0	23.5	94	80-120	
Tetrachloroethene	25.0	22.8	91	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: N2622.D

Lab ID: LCS 480-340630/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	25.0	22.9	92	80-122	
trans-1,2-Dichloroethene	25.0	21.7	87	73-127	
trans-1,3-Dichloropropene	25.0	22.4	90	80-120	
Trichloroethene	25.0	24.0	96	74-123	
Trichlorofluoromethane	25.0	23.7	95	62-150	
Vinyl chloride	25.0	23.6	94	65-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P22186.D

Lab ID: LCS 480-341263/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	26.2	105	73-126	
1,1,2,2-Tetrachloroethane	25.0	24.8	99	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.8	107	61-148	
1,1,2-Trichloroethane	25.0	24.6	99	76-122	
1,1-Dichloroethane	25.0	25.1	100	77-120	
1,1-Dichloroethene	25.0	25.8	103	66-127	
1,2,4-Trichlorobenzene	25.0	24.8	99	79-122	
1,2-Dibromo-3-Chloropropane	25.0	23.0	92	56-134	
1,2-Dibromoethane	25.0	25.7	103	77-120	
1,2-Dichlorobenzene	25.0	25.2	101	80-124	
1,2-Dichloroethane	25.0	24.7	99	75-120	
1,2-Dichloropropane	25.0	26.3	105	76-120	
1,3-Dichlorobenzene	25.0	25.2	101	77-120	
1,4-Dichlorobenzene	25.0	25.1	100	80-120	
2-Butanone (MEK)	125	116	92	57-140	
2-Hexanone	125	128	102	65-127	
4-Methyl-2-pentanone (MIBK)	125	127	102	71-125	
Acetone	125	103	83	56-142	
Benzene	25.0	25.5	102	71-124	
Bromodichloromethane	25.0	26.1	104	80-122	
Bromoform	25.0	25.6	102	61-132	
Bromomethane	25.0	34.5	138	55-144	
Carbon disulfide	25.0	26.5	106	59-134	
Carbon tetrachloride	25.0	26.6	106	72-134	
Chlorobenzene	25.0	25.0	100	80-120	
Chloroethane	25.0	32.4	130	69-136	
Chloroform	25.0	24.5	98	73-127	
Chloromethane	25.0	26.7	107	68-124	
cis-1,2-Dichloroethene	25.0	25.2	101	74-124	
cis-1,3-Dichloropropene	25.0	27.0	108	74-124	
Cyclohexane	25.0	27.0	108	59-135	
Dibromochloromethane	25.0	26.1	104	75-125	
Dichlorodifluoromethane	25.0	26.9	108	59-135	
Ethylbenzene	25.0	26.1	104	77-123	
Isopropylbenzene	25.0	26.4	106	77-122	
Methyl acetate	125	117	93	74-133	
Methyl tert-butyl ether	25.0	26.0	104	77-120	
Methylcyclohexane	25.0	27.5	110	68-134	
Methylene Chloride	25.0	25.0	100	75-124	
Styrene	25.0	27.3	109	80-120	
Tetrachloroethene	25.0	25.9	104	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P22186.D

Lab ID: LCS 480-341263/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	25.0	25.1	100	80-122	
trans-1,2-Dichloroethene	25.0	25.1	101	73-127	
trans-1,3-Dichloropropene	25.0	25.8	103	80-120	
Trichloroethene	25.0	25.4	102	74-123	
Trichlorofluoromethane	25.0	26.5	106	62-150	
Vinyl chloride	25.0	26.6	106	65-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P22212.D

Lab ID: LCS 480-341308/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	26.1	104	73-126	
1,1,2,2-Tetrachloroethane	25.0	27.1	108	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.9	100	61-148	
1,1,2-Trichloroethane	25.0	26.6	106	76-122	
1,1-Dichloroethane	25.0	26.8	107	77-120	
1,1-Dichloroethene	25.0	26.0	104	66-127	
1,2,4-Trichlorobenzene	25.0	26.0	104	79-122	
1,2-Dibromo-3-Chloropropane	25.0	25.4	102	56-134	
1,2-Dibromoethane	25.0	28.2	113	77-120	
1,2-Dichlorobenzene	25.0	26.5	106	80-124	
1,2-Dichloroethane	25.0	25.9	104	75-120	
1,2-Dichloropropane	25.0	28.0	112	76-120	
1,3-Dichlorobenzene	25.0	27.0	108	77-120	
1,4-Dichlorobenzene	25.0	26.7	107	80-120	
2-Butanone (MEK)	125	128	102	57-140	
2-Hexanone	125	142	114	65-127	
4-Methyl-2-pentanone (MIBK)	125	137	109	71-125	
Acetone	125	113	91	56-142	
Benzene	25.0	26.9	108	71-124	
Bromodichloromethane	25.0	28.3	113	80-122	
Bromoform	25.0	28.9	116	61-132	
Bromomethane	25.0	30.8	123	55-144	
Carbon disulfide	25.0	27.2	109	59-134	
Carbon tetrachloride	25.0	26.0	104	72-134	
Chlorobenzene	25.0	26.6	106	80-120	
Chloroethane	25.0	29.3	117	69-136	
Chloroform	25.0	26.0	104	73-127	
Chloromethane	25.0	26.5	106	68-124	
cis-1,2-Dichloroethene	25.0	27.1	108	74-124	
cis-1,3-Dichloropropene	25.0	29.1	116	74-124	
Cyclohexane	25.0	26.5	106	59-135	
Dibromochloromethane	25.0	28.8	115	75-125	
Dichlorodifluoromethane	25.0	23.3	93	59-135	
Ethylbenzene	25.0	27.4	109	77-123	
Isopropylbenzene	25.0	26.8	107	77-122	
Methyl acetate	125	128	103	74-133	
Methyl tert-butyl ether	25.0	27.5	110	77-120	
Methylcyclohexane	25.0	26.5	106	68-134	
Methylene Chloride	25.0	26.8	107	75-124	
Styrene	25.0	29.6	118	80-120	
Tetrachloroethene	25.0	26.0	104	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P22212.D

Lab ID: LCS 480-341308/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	25.0	26.7	107	80-122	
trans-1,2-Dichloroethene	25.0	26.3	105	73-127	
trans-1,3-Dichloropropene	25.0	28.2	113	80-120	
Trichloroethene	25.0	26.6	106	74-123	
Trichlorofluoromethane	25.0	24.0	96	62-150	
Vinyl chloride	25.0	24.7	99	65-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: N2601.D

Lab ID: 480-112334-13 MS

Client ID: DPT-4 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	2500	ND	2380	95	73-126	
1,1,2,2-Tetrachloroethane	2500	ND	2180	87	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	ND	2310	92	61-148	
1,1,2-Trichloroethane	2500	ND	2110	84	76-122	
1,1-Dichloroethane	2500	ND	2190	87	77-120	
1,1-Dichloroethene	2500	ND	2180	87	66-127	
1,2,4-Trichlorobenzene	2500	ND	2170	87	79-122	
1,2-Dibromo-3-Chloropropane	2500	ND	2030	81	56-134	
1,2-Dibromoethane	2500	ND	2220	89	77-120	
1,2-Dichlorobenzene	2500	ND	2320	93	80-124	
1,2-Dichloroethane	2500	ND	2320	93	75-120	
1,2-Dichloropropane	2500	ND	2290	92	76-120	
1,3-Dichlorobenzene	2500	ND	2390	96	77-120	
1,4-Dichlorobenzene	2500	ND	2340	94	78-124	
2-Butanone (MEK)	12500	ND	10600	84	57-140	
2-Hexanone	12500	ND	10100	81	65-127	
4-Methyl-2-pentanone (MIBK)	12500	ND	10200	81	71-125	
Acetone	12500	ND	11100	88	56-142	
Benzene	2500	ND	2260	90	71-124	
Bromodichloromethane	2500	ND	2170	87	80-122	
Bromoform	2500	ND	2170	87	61-132	
Bromomethane	2500	ND	2870	115	55-144	
Carbon disulfide	2500	ND	2090	84	59-134	
Carbon tetrachloride	2500	ND	2310	92	72-134	
Chlorobenzene	2500	ND	2290	92	80-120	
Chloroethane	2500	ND	2590	104	69-136	
Chloroform	2500	ND	2340	94	73-127	
Chloromethane	2500	ND	1810	73	68-124	
cis-1,2-Dichloroethene	2500	4300	6740	99	74-124	
cis-1,3-Dichloropropene	2500	ND	2140	86	74-124	
Cyclohexane	2500	ND	2120	85	59-135	
Dibromochloromethane	2500	ND	2230	89	75-125	
Dichlorodifluoromethane	2500	ND	2170	87	59-135	
Ethylbenzene	2500	ND	2370	95	77-123	
Isopropylbenzene	2500	ND	2330	93	77-122	
Methyl acetate	12500	ND	9310	74	74-133	
Methyl tert-butyl ether	2500	ND	2150	86	77-120	
Methylcyclohexane	2500	ND	2210	88	68-134	
Methylene Chloride	2500	81 J	2220	85	75-124	
Styrene	2500	ND	2310	92	80-120	
Tetrachloroethene	2500	ND	2360	95	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: N2601.D

Lab ID: 480-112334-13 MS Client ID: DPT-4 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Toluene	2500	ND	2320	93	80-122	
trans-1,2-Dichloroethene	2500	ND	2220	89	73-127	
trans-1,3-Dichloropropene	2500	ND	2080	83	80-120	
Trichloroethene	2500	ND	2390	95	74-123	
Trichlorofluoromethane	2500	ND	2600	104	62-150	
Vinyl chloride	2500	1100	3330	91	65-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: P22080.D

Lab ID: 480-112334-14 MS

Client ID: DPT-5 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	1250	ND	1340	107	73-126	
1,1,2,2-Tetrachloroethane	1250	ND	1170	94	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	1250	ND	1470	118	61-148	
1,1,2-Trichloroethane	1250	ND	1280	102	76-122	
1,1-Dichloroethane	1250	150	1480	106	77-120	
1,1-Dichloroethene	1250	82	1400	105	66-127	
1,2,4-Trichlorobenzene	1250	ND	1130	91	79-122	
1,2-Dibromo-3-Chloropropane	1250	ND	1060	85	56-134	
1,2-Dibromoethane	1250	ND	1280	102	77-120	
1,2-Dichlorobenzene	1250	ND	1190	95	80-124	
1,2-Dichloroethane	1250	ND	1330	107	75-120	
1,2-Dichloropropane	1250	ND	1260	101	76-120	
1,3-Dichlorobenzene	1250	ND	1180	95	77-120	
1,4-Dichlorobenzene	1250	ND	1210	97	78-124	
2-Butanone (MEK)	6250	ND	6290	101	57-140	
2-Hexanone	6250	ND	6800	109	65-127	
4-Methyl-2-pentanone (MIBK)	6250	ND	6520	104	71-125	
Acetone	6250	160 J	7580	119	56-142	
Benzene	1250	ND	1320	106	71-124	
Bromodichloromethane	1250	ND	1340	107	80-122	
Bromoform	1250	ND	1140	91	61-132	
Bromomethane	1250	ND	1260	101	55-144	
Carbon disulfide	1250	ND	1560	125	59-134	
Carbon tetrachloride	1250	ND	1460	117	72-134	
Chlorobenzene	1250	ND	1290	104	80-120	
Chloroethane	1250	130	1530	112	69-136	
Chloroform	1250	ND	1300	104	73-127	
Chloromethane	1250	ND	1300	104	68-124	
cis-1,2-Dichloroethene	1250	32000	30500	-81	74-124	E 4
cis-1,3-Dichloropropene	1250	ND	1210	97	74-124	
Cyclohexane	1250	ND	1280	102	59-135	
Dibromochloromethane	1250	ND	1350	108	75-125	
Dichlorodifluoromethane	1250	ND	1450	116	59-135	
Ethylbenzene	1250	ND	1310	105	77-123	
Isopropylbenzene	1250	ND	1190	95	77-122	
Methyl acetate	6250	ND	6410	103	74-133	
Methyl tert-butyl ether	1250	ND	1250	100	77-120	
Methylcyclohexane	1250	ND	1280	102	68-134	
Methylene Chloride	1250	26 J	1280	100	75-124	
Styrene	1250	ND	1220	98	80-120	
Tetrachloroethene	1250	ND	1370	110	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P22080.D
 Lab ID: 480-112334-14 MS Client ID: DPT-5 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Toluene	1250	37 J	1300	101	80-122	
trans-1,2-Dichloroethene	1250	ND	1360	108	73-127	
trans-1,3-Dichloropropene	1250	ND	1310	104	80-120	
Trichloroethene	1250	250	1500	100	74-123	
Trichlorofluoromethane	1250	ND	1470	117	62-150	
Vinyl chloride	1250	6600	7180	50	65-133	E 4

Column to be used to flag recovery and RPD values
 FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: N2639.D

Lab ID: 480-112334-15 MS

Client ID: DPT-7 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	500	ND	483	97	73-126	
1,1,2,2-Tetrachloroethane	500	ND	437	87	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	500	ND	455	91	61-148	
1,1,2-Trichloroethane	500	ND	443	89	76-122	
1,1-Dichloroethane	500	91	508	83	77-120	
1,1-Dichloroethene	500	ND	438	88	66-127	
1,2,4-Trichlorobenzene	500	ND	434	87	79-122	
1,2-Dibromo-3-Chloropropane	500	ND	418	84	56-134	
1,2-Dibromoethane	500	ND	457	91	77-120	
1,2-Dichlorobenzene	500	ND	462	92	80-124	
1,2-Dichloroethane	500	ND	469	94	75-120	
1,2-Dichloropropane	500	ND	447	89	76-120	
1,3-Dichlorobenzene	500	ND	480	96	77-120	
1,4-Dichlorobenzene	500	ND	472	94	78-124	
2-Butanone (MEK)	2500	270	2250	79	57-140	
2-Hexanone	2500	ND	1920	77	65-127	
4-Methyl-2-pentanone (MIBK)	2500	ND	1970	79	71-125	
Acetone	2500	140 J	2170	81	56-142	
Benzene	500	ND	460	92	71-124	
Bromodichloromethane	500	ND	451	90	80-122	
Bromoform	500	ND	416	83	61-132	
Bromomethane	500	ND	526	105	55-144	
Carbon disulfide	500	ND	407	81	59-134	
Carbon tetrachloride	500	ND	463	93	72-134	
Chlorobenzene	500	ND	434	87	80-120	
Chloroethane	500	530	855	65	69-136	F1
Chloroform	500	ND	485	97	73-127	
Chloromethane	500	ND	395	79	68-124	
cis-1,2-Dichloroethene	500	ND	467	93	74-124	
cis-1,3-Dichloropropene	500	ND	460	92	74-124	
Cyclohexane	500	ND	417	83	59-135	
Dibromochloromethane	500	ND	444	89	75-125	
Dichlorodifluoromethane	500	ND	478	96	59-135	
Ethylbenzene	500	ND	453	91	77-123	
Isopropylbenzene	500	ND	459	92	77-122	
Methyl acetate	2500	ND	1890	76	74-133	
Methyl tert-butyl ether	500	ND	436	87	77-120	
Methylcyclohexane	500	ND	434	87	68-134	
Methylene Chloride	500	12 J	448	87	75-124	
Styrene	500	ND	458	92	80-120	
Tetrachloroethene	500	ND	466	93	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N2639.D
 Lab ID: 480-112334-15 MS Client ID: DPT-7 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Toluene	500	ND	453	91	80-122	
trans-1,2-Dichloroethene	500	ND	459	92	73-127	
trans-1,3-Dichloropropene	500	ND	438	88	80-120	
Trichloroethene	500	ND	475	95	74-123	
Trichlorofluoromethane	500	ND	529	106	62-150	
Vinyl chloride	500	50	523	95	65-133	

Column to be used to flag recovery and RPD values
 FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: N2602.D

Lab ID: 480-112334-13 MSD

Client ID: DPT-4 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	2500	2450	98	3	15	73-126	
1,1,2,2-Tetrachloroethane	2500	2180	87	0	15	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2350	94	2	20	61-148	
1,1,2-Trichloroethane	2500	2090	84	1	15	76-122	
1,1-Dichloroethane	2500	2260	90	3	20	77-120	
1,1-Dichloroethene	2500	2190	88	0	16	66-127	
1,2,4-Trichlorobenzene	2500	2220	89	3	20	79-122	
1,2-Dibromo-3-Chloropropane	2500	2000	80	2	15	56-134	
1,2-Dibromoethane	2500	2200	88	1	15	77-120	
1,2-Dichlorobenzene	2500	2320	93	0	20	80-124	
1,2-Dichloroethane	2500	2340	94	1	20	75-120	
1,2-Dichloropropane	2500	2230	89	3	20	76-120	
1,3-Dichlorobenzene	2500	2320	93	3	20	77-120	
1,4-Dichlorobenzene	2500	2310	92	1	20	78-124	
2-Butanone (MEK)	12500	10800	86	2	20	57-140	
2-Hexanone	12500	10000	80	1	15	65-127	
4-Methyl-2-pentanone (MIBK)	12500	10000	80	2	35	71-125	
Acetone	12500	11500	92	4	15	56-142	
Benzene	2500	2350	94	4	13	71-124	
Bromodichloromethane	2500	2280	91	5	15	80-122	
Bromoform	2500	2100	84	3	15	61-132	
Bromomethane	2500	2940	117	2	15	55-144	
Carbon disulfide	2500	2070	83	1	15	59-134	
Carbon tetrachloride	2500	2330	93	1	15	72-134	
Chlorobenzene	2500	2240	90	2	25	80-120	
Chloroethane	2500	2630	105	2	15	69-136	
Chloroform	2500	2350	94	0	20	73-127	
Chloromethane	2500	1940	78	7	15	68-124	
cis-1,2-Dichloroethene	2500	6890	105	2	15	74-124	
cis-1,3-Dichloropropene	2500	2200	88	3	15	74-124	
Cyclohexane	2500	2100	84	1	20	59-135	
Dibromochloromethane	2500	2160	87	3	15	75-125	
Dichlorodifluoromethane	2500	2170	87	0	20	59-135	
Ethylbenzene	2500	2260	90	5	15	77-123	
Isopropylbenzene	2500	2320	93	1	20	77-122	
Methyl acetate	12500	9730	78	4	20	74-133	
Methyl tert-butyl ether	2500	2220	89	3	37	77-120	
Methylcyclohexane	2500	2180	87	1	20	68-134	
Methylene Chloride	2500	2260	87	2	15	75-124	
Styrene	2500	2240	90	3	20	80-120	
Tetrachloroethene	2500	2350	94	1	20	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N2602.D
 Lab ID: 480-112334-13 MSD Client ID: DPT-4 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Toluene	2500	2270	91	2	15	80-122	
trans-1,2-Dichloroethene	2500	2420	97	9	20	73-127	
trans-1,3-Dichloropropene	2500	2130	85	3	15	80-120	
Trichloroethene	2500	2390	96	0	16	74-123	
Trichlorofluoromethane	2500	2600	104	0	20	62-150	
Vinyl chloride	2500	3300	89	1	15	65-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: P22081.D

Lab ID: 480-112334-14 MSD

Client ID: DPT-5 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	1250	1260	101	6	15	73-126	
1,1,2,2-Tetrachloroethane	1250	1170	93	1	15	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	1250	1330	106	10	20	61-148	
1,1,2-Trichloroethane	1250	1260	101	2	15	76-122	
1,1-Dichloroethane	1250	1420	101	4	20	77-120	
1,1-Dichloroethene	1250	1310	98	7	16	66-127	
1,2,4-Trichlorobenzene	1250	1140	91	0	20	79-122	
1,2-Dibromo-3-Chloropropane	1250	1040	83	2	15	56-134	
1,2-Dibromoethane	1250	1280	102	0	15	77-120	
1,2-Dichlorobenzene	1250	1180	94	1	20	80-124	
1,2-Dichloroethane	1250	1310	105	1	20	75-120	
1,2-Dichloropropane	1250	1240	99	2	20	76-120	
1,3-Dichlorobenzene	1250	1170	94	1	20	77-120	
1,4-Dichlorobenzene	1250	1180	95	2	20	78-124	
2-Butanone (MEK)	6250	6240	100	1	20	57-140	
2-Hexanone	6250	6540	105	4	15	65-127	
4-Methyl-2-pentanone (MIBK)	6250	6410	103	2	35	71-125	
Acetone	6250	7420	116	2	15	56-142	
Benzene	1250	1240	100	6	13	71-124	
Bromodichloromethane	1250	1310	105	3	15	80-122	
Bromoform	1250	1160	93	2	15	61-132	
Bromomethane	1250	1610	129	24	15	55-144	F2
Carbon disulfide	1250	1460	117	7	15	59-134	
Carbon tetrachloride	1250	1360	108	8	15	72-134	
Chlorobenzene	1250	1230	99	5	25	80-120	
Chloroethane	1250	1370	99	11	15	69-136	
Chloroform	1250	1260	101	3	20	73-127	
Chloromethane	1250	1210	97	7	15	68-124	
cis-1,2-Dichloroethene	1250	29100	-193	5	15	74-124	E 4
cis-1,3-Dichloropropene	1250	1220	97	1	15	74-124	
Cyclohexane	1250	1180	94	8	20	59-135	
Dibromochloromethane	1250	1340	108	1	15	75-125	
Dichlorodifluoromethane	1250	1370	110	5	20	59-135	
Ethylbenzene	1250	1270	101	3	15	77-123	
Isopropylbenzene	1250	1170	94	2	20	77-122	
Methyl acetate	6250	6240	100	3	20	74-133	
Methyl tert-butyl ether	1250	1230	98	2	37	77-120	
Methylcyclohexane	1250	1180	95	8	20	68-134	
Methylene Chloride	1250	1230	96	4	15	75-124	
Styrene	1250	1180	95	3	20	80-120	
Tetrachloroethene	1250	1290	103	6	20	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P22081.D

Lab ID: 480-112334-14 MSD Client ID: DPT-5 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Toluene	1250	1240	96	5	15	80-122	
trans-1,2-Dichloroethene	1250	1250	100	8	20	73-127	
trans-1,3-Dichloropropene	1250	1280	102	2	15	80-120	
Trichloroethene	1250	1450	96	3	16	74-123	
Trichlorofluoromethane	1250	1370	109	7	20	62-150	
Vinyl chloride	1250	6850	23	5	15	65-133	E 4

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: N2640.D

Lab ID: 480-112334-15 MSD

Client ID: DPT-7 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	500	491	98	2	15	73-126	
1,1,2,2-Tetrachloroethane	500	431	86	1	15	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	500	458	92	1	20	61-148	
1,1,2-Trichloroethane	500	432	86	2	15	76-122	
1,1-Dichloroethane	500	513	84	1	20	77-120	
1,1-Dichloroethene	500	450	90	3	16	66-127	
1,2,4-Trichlorobenzene	500	452	90	4	20	79-122	
1,2-Dibromo-3-Chloropropane	500	424	85	2	15	56-134	
1,2-Dibromoethane	500	462	92	1	15	77-120	
1,2-Dichlorobenzene	500	469	94	1	20	80-124	
1,2-Dichloroethane	500	478	96	2	20	75-120	
1,2-Dichloropropane	500	442	88	1	20	76-120	
1,3-Dichlorobenzene	500	476	95	1	20	77-120	
1,4-Dichlorobenzene	500	472	94	0	20	78-124	
2-Butanone (MEK)	2500	2250	79	0	20	57-140	
2-Hexanone	2500	1920	77	0	15	65-127	
4-Methyl-2-pentanone (MIBK)	2500	1960	79	0	35	71-125	
Acetone	2500	2140	80	1	15	56-142	
Benzene	500	467	93	2	13	71-124	
Bromodichloromethane	500	462	92	2	15	80-122	
Bromoform	500	447	89	7	15	61-132	
Bromomethane	500	565	113	7	15	55-144	
Carbon disulfide	500	398	80	2	15	59-134	
Carbon tetrachloride	500	475	95	3	15	72-134	
Chlorobenzene	500	465	93	7	25	80-120	
Chloroethane	500	893	73	4	15	69-136	
Chloroform	500	481	96	1	20	73-127	
Chloromethane	500	396	79	0	15	68-124	
cis-1,2-Dichloroethene	500	471	94	1	15	74-124	
cis-1,3-Dichloropropene	500	463	93	1	15	74-124	
Cyclohexane	500	419	84	0	20	59-135	
Dibromochloromethane	500	463	93	4	15	75-125	
Dichlorodifluoromethane	500	478	96	0	20	59-135	
Ethylbenzene	500	471	94	4	15	77-123	
Isopropylbenzene	500	462	92	1	20	77-122	
Methyl acetate	2500	1880	75	1	20	74-133	
Methyl tert-butyl ether	500	441	88	1	37	77-120	
Methylcyclohexane	500	435	87	0	20	68-134	
Methylene Chloride	500	456	89	2	15	75-124	
Styrene	500	477	95	4	20	80-120	
Tetrachloroethene	500	482	96	3	20	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N2640.D
 Lab ID: 480-112334-15 MSD Client ID: DPT-7 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Toluene	500	467	93	3	15	80-122	
trans-1,2-Dichloroethene	500	464	93	1	20	73-127	
trans-1,3-Dichloropropene	500	454	91	4	15	80-120	
Trichloroethene	500	479	96	1	16	74-123	
Trichlorofluoromethane	500	520	104	2	20	62-150	
Vinyl chloride	500	518	93	1	15	65-133	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: P22063.D Lab Sample ID: MB 480-340386/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5973P Date Analyzed: 01/17/2017 20:52
 GC Column: ZB-624 (60) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-340386/5	P22061.D	01/17/2017 19:58
MW-2	480-112334-1	P22069.D	01/18/2017 00:03
MW-6	480-112334-2	P22070.D	01/18/2017 00:30
GWCT	480-112334-8	P22071.D	01/18/2017 00:57
Trip Blank	480-112334-9	P22072.D	01/18/2017 01:25
DPT-1	480-112334-10	P22073.D	01/18/2017 01:52
DPT-3	480-112334-12	P22075.D	01/18/2017 02:47
DPT-5	480-112334-14	P22077.D	01/18/2017 03:42
DPT-8	480-112334-16	P22079.D	01/18/2017 04:37
DPT-5 MS	480-112334-14 MS	P22080.D	01/18/2017 05:05
DPT-5 MSD	480-112334-14 MSD	P22081.D	01/18/2017 05:32

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: N2582.D Lab Sample ID: MB 480-340437/6
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5973N Date Analyzed: 01/18/2017 10:42
 GC Column: ZB-624 (20) ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-340437/4	N2580.D	01/18/2017 09:47
DPT-2	480-112334-11	N2585.D	01/18/2017 12:16
DPT-4	480-112334-13	N2586.D	01/18/2017 12:43
DPT-5 DL	480-112334-14 DL	N2587.D	01/18/2017 13:10
DPT-8 DL	480-112334-16 DL	N2589.D	01/18/2017 14:04
MW-10	480-112334-3	N2590.D	01/18/2017 14:33
MW-11	480-112334-4	N2591.D	01/18/2017 15:00
Rinse	480-112334-6	N2593.D	01/18/2017 15:54
MW-8R	480-112334-7	N2594.D	01/18/2017 16:20
DPT-4 MS	480-112334-13 MS	N2601.D	01/18/2017 19:30
DPT-4 MSD	480-112334-13 MSD	N2602.D	01/18/2017 19:56

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: N2624.D Lab Sample ID: MB 480-340630/6
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5973N Date Analyzed: 01/19/2017 11:13
 GC Column: ZB-624 (20) ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-340630/4	N2622.D	01/19/2017 10:19
Duplicate	480-112334-5	N2626.D	01/19/2017 12:17
MW-8R DL	480-112334-7 DL	N2627.D	01/19/2017 12:44
DPT-7	480-112334-15	N2628.D	01/19/2017 13:11
DPT-7 MS	480-112334-15 MS	N2639.D	01/19/2017 19:06
DPT-7 MSD	480-112334-15 MSD	N2640.D	01/19/2017 19:33

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: P22188.D Lab Sample ID: MB 480-341263/6
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5973P Date Analyzed: 01/24/2017 23:15
 GC Column: ZB-624 (60) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-341263/4	P22186.D	01/24/2017 22:20
MW-3	480-112525-1	P22190.D	01/25/2017 00:10
MW-4	480-112525-2	P22191.D	01/25/2017 00:37
MW-12	480-112525-3	P22192.D	01/25/2017 01:04
MW-13S	480-112525-4	P22193.D	01/25/2017 01:32
MW-13D	480-112525-5	P22194.D	01/25/2017 01:59
MW-16S	480-112525-6	P22195.D	01/25/2017 02:27
MW-16D	480-112525-7	P22196.D	01/25/2017 02:54

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: P22214.D Lab Sample ID: MB 480-341308/6
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5973P Date Analyzed: 01/25/2017 11:18
 GC Column: ZB-624 (60) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-341308/4	P22212.D	01/25/2017 10:23
MW-16S DL	480-112525-6 DL	P22215.D	01/25/2017 12:05

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: N0845.D BFB Injection Date: 11/26/2016
 Instrument ID: HP5973N BFB Injection Time: 17:58
 Analysis Batch No.: 333583

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	42.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.2	(0.2) 1
174	50.0 - 120.00 % of mass 95	92.6	
175	5.0 - 9.0 % of mass 174	6.4	(6.9) 1
176	95.0 - 101.0 % of mass 174	91.1	(98.4) 1
177	5.0 - 9.0 % of mass 176	7.2	(7.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 480-333583/5	N0847.D	11/26/2016	18:51
	IC 480-333583/6	N0848.D	11/26/2016	19:18
	IC 480-333583/7	N0849.D	11/26/2016	19:45
	IC 480-333583/8	N0850.D	11/26/2016	20:12
	IC 480-333583/9	N0851.D	11/26/2016	20:38
	ICIS 480-333583/10	N0852.D	11/26/2016	21:05
	IC 480-333583/11	N0853.D	11/26/2016	21:32
	IC 480-333583/12	N0854.D	11/26/2016	21:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: N2577.D BFB Injection Date: 01/18/2017
 Instrument ID: HP5973N BFB Injection Time: 08:26
 Analysis Batch No.: 340437

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.0
75	30.0 - 60.0 % of mass 95	45.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.5
173	Less than 2.0 % of mass 174	0.3 (0.4) 1
174	50.0 - 120.00 % of mass 95	91.5
175	5.0 - 9.0 % of mass 174	7.1 (7.8) 1
176	95.0 - 101.0 % of mass 174	87.9 (96.0) 1
177	5.0 - 9.0 % of mass 176	6.3 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-340437/2	N2578.D	01/18/2017	08:54
	LCS 480-340437/4	N2580.D	01/18/2017	09:47
	MB 480-340437/6	N2582.D	01/18/2017	10:42
DPT-2	480-112334-11	N2585.D	01/18/2017	12:16
DPT-4	480-112334-13	N2586.D	01/18/2017	12:43
DPT-5 DL	480-112334-14 DL	N2587.D	01/18/2017	13:10
DPT-8 DL	480-112334-16 DL	N2589.D	01/18/2017	14:04
MW-10	480-112334-3	N2590.D	01/18/2017	14:33
MW-11	480-112334-4	N2591.D	01/18/2017	15:00
Rinse	480-112334-6	N2593.D	01/18/2017	15:54
MW-8R	480-112334-7	N2594.D	01/18/2017	16:20
DPT-4 MS	480-112334-13 MS	N2601.D	01/18/2017	19:30
DPT-4 MSD	480-112334-13 MSD	N2602.D	01/18/2017	19:56

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: N2619.D BFB Injection Date: 01/19/2017
 Instrument ID: HP5973N BFB Injection Time: 09:01
 Analysis Batch No.: 340630

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.4	
75	30.0 - 60.0 % of mass 95	46.1	
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	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	93.5	
175	5.0 - 9.0 % of mass 174	6.8	(7.3) 1
176	95.0 - 101.0 % of mass 174	89.8	(96.1) 1
177	5.0 - 9.0 % of mass 176	5.7	(6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-340630/2	N2620.D	01/19/2017	09:26
	LCS 480-340630/4	N2622.D	01/19/2017	10:19
	MB 480-340630/6	N2624.D	01/19/2017	11:13
Duplicate	480-112334-5	N2626.D	01/19/2017	12:17
MW-8R DL	480-112334-7 DL	N2627.D	01/19/2017	12:44
DPT-7	480-112334-15	N2628.D	01/19/2017	13:11
DPT-7 MS	480-112334-15 MS	N2639.D	01/19/2017	19:06
DPT-7 MSD	480-112334-15 MSD	N2640.D	01/19/2017	19:33

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: P21657.D BFB Injection Date: 12/28/2016
 Instrument ID: HP5973P BFB Injection Time: 11:34
 Analysis Batch No.: 338212

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.0	
75	30.0 - 60.0 % of mass 95	41.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.5	
173	Less than 2.0 % of mass 174	0.3	(0.3) 1
174	50.0 - 120.00 % of mass 95	95.6	
175	5.0 - 9.0 % of mass 174	7.0	(7.3) 1
176	95.0 - 101.0 % of mass 174	92.6	(96.9) 1
177	5.0 - 9.0 % of mass 176	6.5	(7.0) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 480-338212/5	P21659.D	12/28/2016	12:43
	IC 480-338212/6	P21660.D	12/28/2016	13:10
	IC 480-338212/7	P21661.D	12/28/2016	13:37
	IC 480-338212/8	P21662.D	12/28/2016	14:04
	ICIS 480-338212/9	P21663.D	12/28/2016	14:32
	IC 480-338212/10	P21664.D	12/28/2016	14:59
	IC 480-338212/11	P21665.D	12/28/2016	15:26

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: P22058.D BFB Injection Date: 01/17/2017
 Instrument ID: HP5973P BFB Injection Time: 18:35
 Analysis Batch No.: 340386

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.3
75	30.0 - 60.0 % of mass 95	43.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.7 (0.7) 1
174	50.0 - 120.00 % of mass 95	100.9
175	5.0 - 9.0 % of mass 174	7.0 (7.0) 1
176	95.0 - 101.0 % of mass 174	98.1 (97.2) 1
177	5.0 - 9.0 % of mass 176	6.3 (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:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-340386/3	P22059.D	01/17/2017	19:03
	LCS 480-340386/5	P22061.D	01/17/2017	19:58
	MB 480-340386/7	P22063.D	01/17/2017	20:52
MW-2	480-112334-1	P22069.D	01/18/2017	00:03
MW-6	480-112334-2	P22070.D	01/18/2017	00:30
GWCT	480-112334-8	P22071.D	01/18/2017	00:57
Trip Blank	480-112334-9	P22072.D	01/18/2017	01:25
DPT-1	480-112334-10	P22073.D	01/18/2017	01:52
DPT-3	480-112334-12	P22075.D	01/18/2017	02:47
DPT-5	480-112334-14	P22077.D	01/18/2017	03:42
DPT-8	480-112334-16	P22079.D	01/18/2017	04:37
DPT-5 MS	480-112334-14 MS	P22080.D	01/18/2017	05:05
DPT-5 MSD	480-112334-14 MSD	P22081.D	01/18/2017	05:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: P22135.D BFB Injection Date: 01/21/2017
 Instrument ID: HP5973P BFB Injection Time: 00:15
 Analysis Batch No.: 340879

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.6
75	30.0 - 60.0 % of mass 95	52.8
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	0.2 (0.3) 1
174	50.0 - 120.00 % of mass 95	64.9
175	5.0 - 9.0 % of mass 174	5.0 (7.7) 1
176	95.0 - 101.0 % of mass 174	63.8 (98.3) 1
177	5.0 - 9.0 % of mass 176	4.7 (7.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 480-340879/10	P22137.D	01/21/2017	01:16
	IC 480-340879/11	P22138.D	01/21/2017	01:44
	IC 480-340879/12	P22139.D	01/21/2017	02:11
	IC 480-340879/13	P22140.D	01/21/2017	02:38
	ICIS 480-340879/14	P22141.D	01/21/2017	03:06
	IC 480-340879/15	P22142.D	01/21/2017	03:33
	IC 480-340879/16	P22143.D	01/21/2017	04:01

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: P22183.D BFB Injection Date: 01/24/2017
 Instrument ID: HP5973P BFB Injection Time: 20:56
 Analysis Batch No.: 341263

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.7
75	30.0 - 60.0 % of mass 95	49.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.1
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	68.5
175	5.0 - 9.0 % of mass 174	5.5 (8.1) 1
176	95.0 - 101.0 % of mass 174	68.5 (100.0) 1
177	5.0 - 9.0 % of mass 176	4.7 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-341263/2	P22184.D	01/24/2017	21:26
	LCS 480-341263/4	P22186.D	01/24/2017	22:20
	MB 480-341263/6	P22188.D	01/24/2017	23:15
MW-3	480-112525-1	P22190.D	01/25/2017	00:10
MW-4	480-112525-2	P22191.D	01/25/2017	00:37
MW-12	480-112525-3	P22192.D	01/25/2017	01:04
MW-13S	480-112525-4	P22193.D	01/25/2017	01:32
MW-13D	480-112525-5	P22194.D	01/25/2017	01:59
MW-16S	480-112525-6	P22195.D	01/25/2017	02:27
MW-16D	480-112525-7	P22196.D	01/25/2017	02:54

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab File ID: P22209.D BFB Injection Date: 01/25/2017
 Instrument ID: HP5973P BFB Injection Time: 09:03
 Analysis Batch No.: 341308

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.7
75	30.0 - 60.0 % of mass 95	50.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.6
173	Less than 2.0 % of mass 174	0.5 (0.7) 1
174	50.0 - 120.00 % of mass 95	71.9
175	5.0 - 9.0 % of mass 174	5.1 (7.0) 1
176	95.0 - 101.0 % of mass 174	68.5 (95.3) 1
177	5.0 - 9.0 % of mass 176	4.1 (6.0) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-341308/2	P22210.D	01/25/2017	09:29
	LCS 480-341308/4	P22212.D	01/25/2017	10:23
	MB 480-341308/6	P22214.D	01/25/2017	11:18
MW-16S DL	480-112525-6 DL	P22215.D	01/25/2017	12:05

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Sample No.: ICIS 480-333583/10 Date Analyzed: 11/26/2016 21:05
 Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18 (mm)
 Lab File ID (Standard): N0852.D Heated Purge: (Y/N) N
 Calibration ID: 29002

	FB		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	138461	5.53	507737	8.52	270530	10.91
UPPER LIMIT	276922	6.03	1015474	9.02	541060	11.41
LOWER LIMIT	69231	5.03	253869	8.02	135265	10.41
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCVIS 480-340437/2	97487	5.53	357813	8.52	183333	10.91
CCVIS 480-340630/2	92980	5.52	354100	8.52	183379	10.91

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Sample No.: CCVIS 480-340437/2 Date Analyzed: 01/18/2017 08:54
 Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18 (mm)
 Lab File ID (Standard): N2578.D Heated Purge: (Y/N) N
 Calibration ID: 29004

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	97487	5.53	357813	8.52	183333	10.91	
UPPER LIMIT	194974	6.03	715626	9.02	366666	11.41	
LOWER LIMIT	48744	5.03	178907	8.02	91667	10.41	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-340437/4	96371	5.53	340147	8.52	180380	10.91	
MB 480-340437/6	84350	5.53	327068	8.52	178556	10.91	
480-112334-11	DPT-2	94050	5.53	352525	8.52	181505	10.91
480-112334-13	DPT-4	91081	5.53	352831	8.52	179403	10.91
480-112334-14 DL	DPT-5 DL	92410	5.53	349843	8.52	178279	10.91
480-112334-16 DL	DPT-8 DL	87381	5.53	346300	8.52	181296	10.91
480-112334-3	MW-10	87462	5.53	338803	8.52	175862	10.91
480-112334-4	MW-11	85301	5.53	336869	8.52	177440	10.91
480-112334-6	Rinse	87097	5.53	340369	8.52	173228	10.91
480-112334-7	MW-8R	86711	5.53	339853	8.52	177316	10.91
480-112334-13 MS	DPT-4 MS	92600	5.53	343234	8.52	184437	10.91
480-112334-13 MSD	DPT-4 MSD	87173	5.52	337455	8.52	178770	10.91

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Sample No.: CCVIS 480-340630/2 Date Analyzed: 01/19/2017 09:26
 Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18 (mm)
 Lab File ID (Standard): N2620.D Heated Purge: (Y/N) N
 Calibration ID: 29004

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	92980	5.52	354100	8.52	183379	10.91	
UPPER LIMIT	185960	6.02	708200	9.02	366758	11.41	
LOWER LIMIT	46490	5.02	177050	8.02	91690	10.41	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-340630/4	93442	5.53	350009	8.52	185759	10.91	
MB 480-340630/6	86979	5.53	338472	8.52	176999	10.91	
480-112334-5	Duplicate	91646	5.52	345363	8.52	176009	10.91
480-112334-7 DL	MW-8R DL	90256	5.53	344975	8.52	180105	10.91
480-112334-15	DPT-7	87358	5.53	337016	8.52	178434	10.91
480-112334-15 MS	DPT-7 MS	89161	5.52	341141	8.52	179665	10.91
480-112334-15 MSD	DPT-7 MSD	90780	5.53	342051	8.52	184050	10.91

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Sample No.: ICIS 480-338212/9 Date Analyzed: 12/28/2016 14:32
 Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): P21663.D Heated Purge: (Y/N) N
 Calibration ID: 29248

	FB		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	137367	9.82	297540	13.76	388827	16.75
UPPER LIMIT	274734	10.32	595080	14.26	777654	17.25
LOWER LIMIT	68684	9.32	148770	13.26	194414	16.25
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCVIS 480-340386/3	108660	9.82	234156	13.76	317298	16.74

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Sample No.: CCVIS 480-340386/3 Date Analyzed: 01/17/2017 19:03
 Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): P22059.D Heated Purge: (Y/N) N
 Calibration ID: 29253

	FB		CBNZd5		DCBd4			
	AREA #	RT #	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	108660	9.82	234156	13.76	317298	16.74		
UPPER LIMIT	217320	10.32	468312	14.26	634596	17.24		
LOWER LIMIT	54330	9.32	117078	13.26	158649	16.24		
LAB SAMPLE ID	CLIENT SAMPLE ID							
LCS 480-340386/5			111004	9.82	243489	13.76	333912	16.75
MB 480-340386/7			105000	9.82	222245	13.76	282471	16.75
480-112334-1	MW-2		103164	9.82	221650	13.76	300905	16.75
480-112334-2	MW-6		105197	9.82	219646	13.76	290541	16.75
480-112334-8	GWCT		101556	9.82	219918	13.76	283837	16.74
480-112334-9	Trip Blank		99238	9.82	209716	13.76	270016	16.75
480-112334-10	DPT-1		95185	9.82	205828	13.76	264243	16.75
480-112334-12	DPT-3		91245	9.82	198639	13.76	256073	16.75
480-112334-14	DPT-5		90607	9.82	192847	13.76	248700	16.75
480-112334-16	DPT-8		88048	9.82	185762	13.76	235919	16.75
480-112334-14 MS	DPT-5 MS		98493	9.82	212455	13.76	293512	16.75
480-112334-14 MSD	DPT-5 MSD		104632	9.82	222508	13.76	302991	16.75

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Sample No.: ICIS 480-340879/14 Date Analyzed: 01/21/2017 03:06
 Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): P22141.D Heated Purge: (Y/N) N
 Calibration ID: 29538

	FB		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	291669	9.82	591818	13.76	589361	16.74
UPPER LIMIT	583338	10.32	1183636	14.26	1178722	17.24
LOWER LIMIT	145835	9.32	295909	13.26	294681	16.24
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCVIS 480-341263/2	280773	9.81	571936	13.76	564362	16.74
CCVIS 480-341308/2	287838	9.82	599177	13.76	594139	16.74

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Sample No.: CCVIS 480-341263/2 Date Analyzed: 01/24/2017 21:26
 Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): P22184.D Heated Purge: (Y/N) N
 Calibration ID: 29540

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	280773	9.81	571936	13.76	564362	16.74	
UPPER LIMIT	561546	10.31	1143872	14.26	1128724	17.24	
LOWER LIMIT	140387	9.31	285968	13.26	282181	16.24	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-341263/4	267580	9.82	556978	13.76	560676	16.74	
MB 480-341263/6	259566	9.82	537023	13.76	546946	16.75	
480-112525-1	MW-3	258723	9.82	520873	13.76	531853	16.74
480-112525-2	MW-4	254383	9.82	519630	13.76	532155	16.75
480-112525-3	MW-12	267956	9.82	552376	13.76	555990	16.75
480-112525-4	MW-13S	273646	9.82	554951	13.76	556264	16.75
480-112525-5	MW-13D	261404	9.82	532974	13.76	545414	16.75
480-112525-6	MW-16S	254726	9.82	514907	13.76	537407	16.75
480-112525-7	MW-16D	256397	9.82	522384	13.76	525997	16.75

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Sample No.: CCVIS 480-341308/2 Date Analyzed: 01/25/2017 09:29
 Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm)
 Lab File ID (Standard): P22210.D Heated Purge: (Y/N) N
 Calibration ID: 29540

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	287838	9.82	599177	13.76	594139	16.74	
UPPER LIMIT	575676	10.32	1198354	14.26	1188278	17.24	
LOWER LIMIT	143919	9.32	299589	13.26	297070	16.24	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-341308/4	281609	9.82	593830	13.76	596601	16.75	
MB 480-341308/6	267550	9.82	563457	13.76	564812	16.75	
480-112525-6 DL	MW-16S DL	266952	9.81	559845	13.76	555207	16.75

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-112334-1
 Matrix: Water Lab File ID: P22069.D
 Analysis Method: 8260C Date Collected: 01/17/2017 08:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 00:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	6.1	J	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND	*	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	1.7		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	0.48	J	1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-112334-1
 Matrix: Water Lab File ID: P22069.D
 Analysis Method: 8260C Date Collected: 01/17/2017 08:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 00:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22069.D
 Lims ID: 480-112334-A-1
 Client ID: MW-2
 Sample Type: Client
 Inject. Date: 18-Jan-2017 00:03:30 ALS Bottle#: 43 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112334-A-1
 Misc. Info.: 480-0059829-017
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 09:21:24 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK003

First Level Reviewer: farrellr

Date: 18-Jan-2017 09:21:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	99	103164	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	85	221650	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.751	-0.001	93	300905	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	83036	26.3	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.792	0.006	94	482519	25.0	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	96	200363	25.3	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.285				ND	
17 Vinyl chloride	62		4.516				ND	
12 Bromomethane	94		5.064				ND	
13 Chloroethane	64	5.204	5.198	0.006	89	7926	1.68	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43	6.323	6.323	0.006	86	19254	6.07	
27 Carbon disulfide	76		6.670				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96		7.224				ND	
40 1,1-Dichloroethane	63		7.747				ND	
44 2-Butanone (MEK)	43		8.392				ND	
43 cis-1,2-Dichloroethene	96		8.440				ND	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56	9.140	9.128	0.012	88	7730	0.4831	
55 Carbon tetrachloride	117		9.262				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.440				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92		11.884				ND	
78 trans-1,3-Dichloropropene	75		12.145				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.867				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.573				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.418				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.268				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22069.D

Injection Date: 18-Jan-2017 00:03:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: 480-112334-A-1

Lab Sample ID: 480-112334-1

Worklist Smp#: 17

Client ID: MW-2

Purge Vol: 5.000 mL

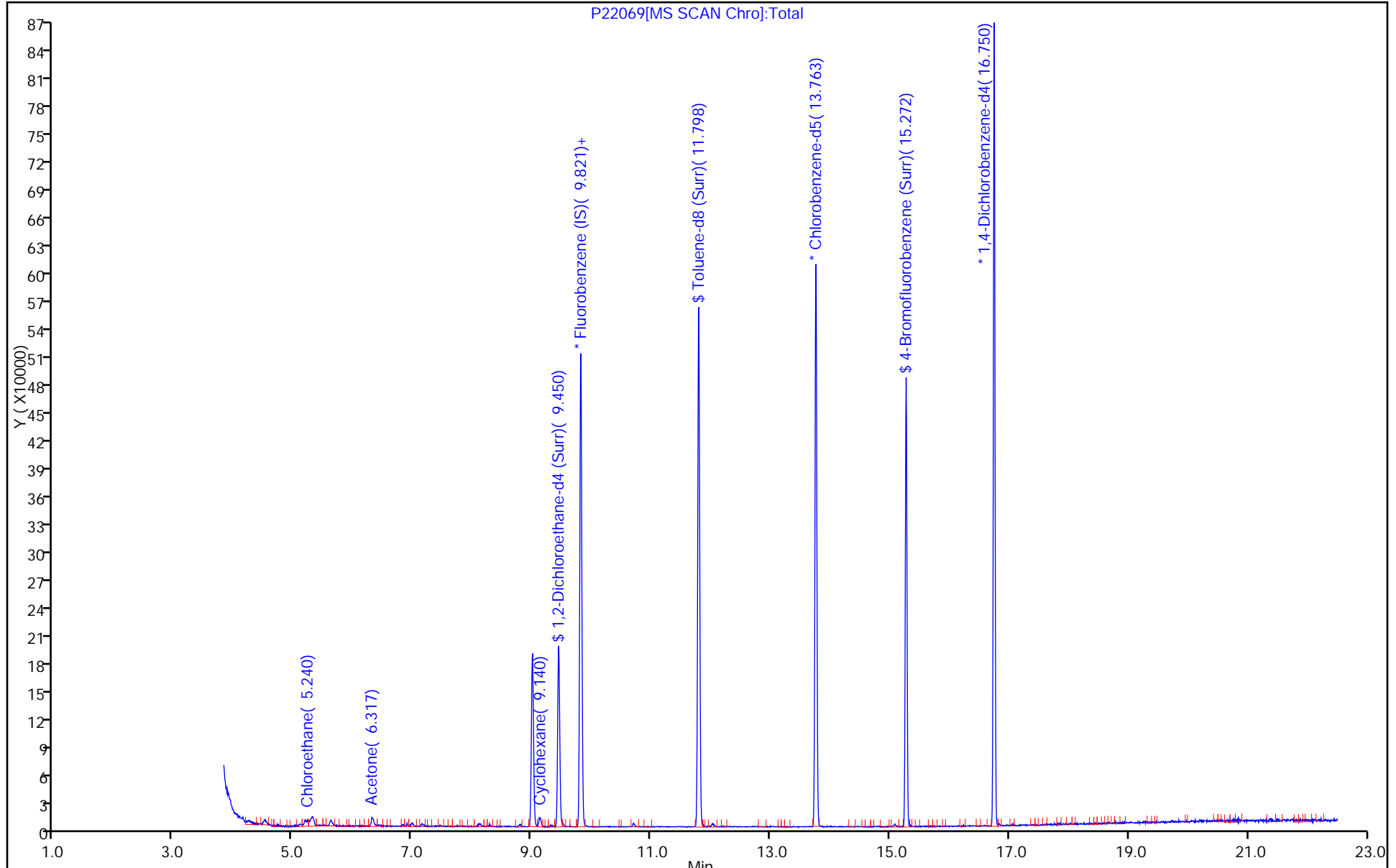
Dil. Factor: 1.0000

ALS Bottle#: 43

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22069.D

Injection Date: 18-Jan-2017 00:03:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-1

Lab Sample ID: 480-112334-1

Client ID: MW-2

Operator ID: RR

ALS Bottle#: 43

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

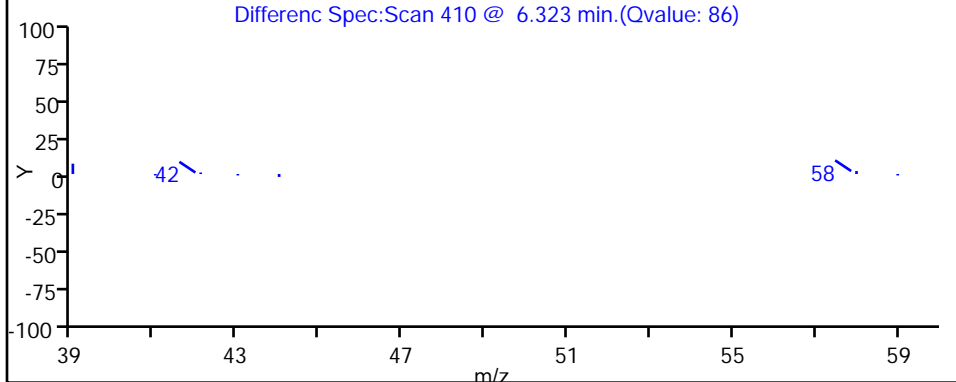
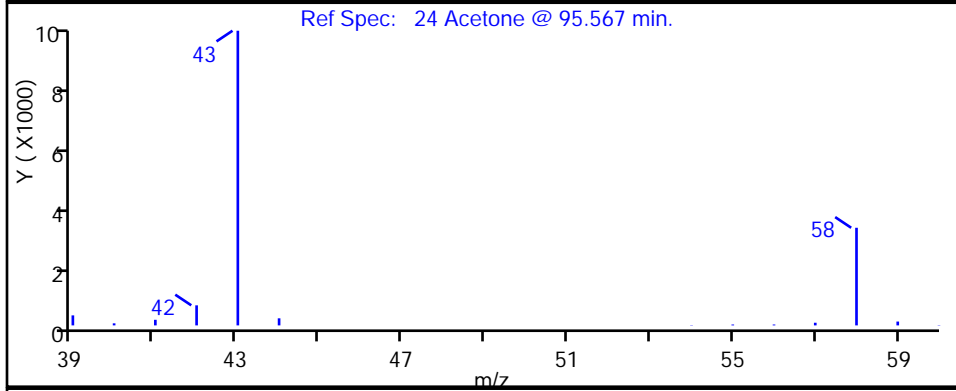
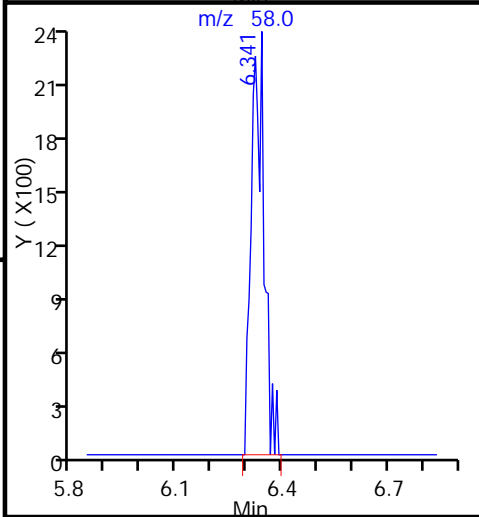
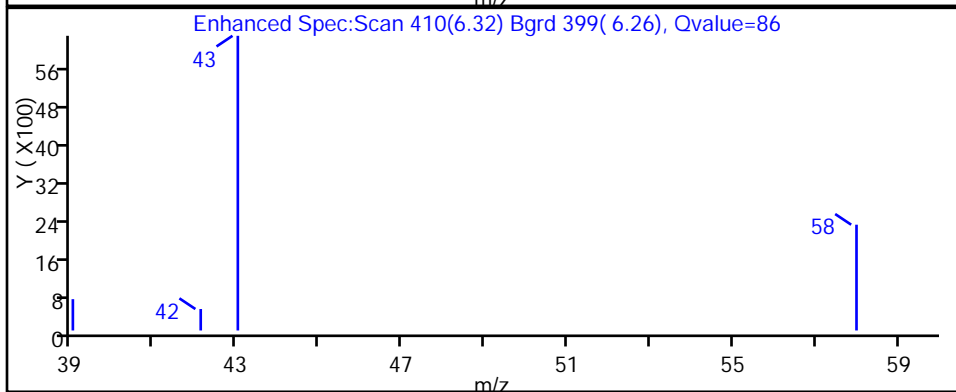
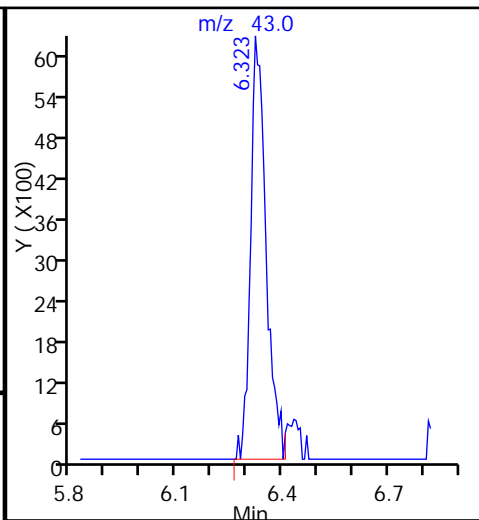
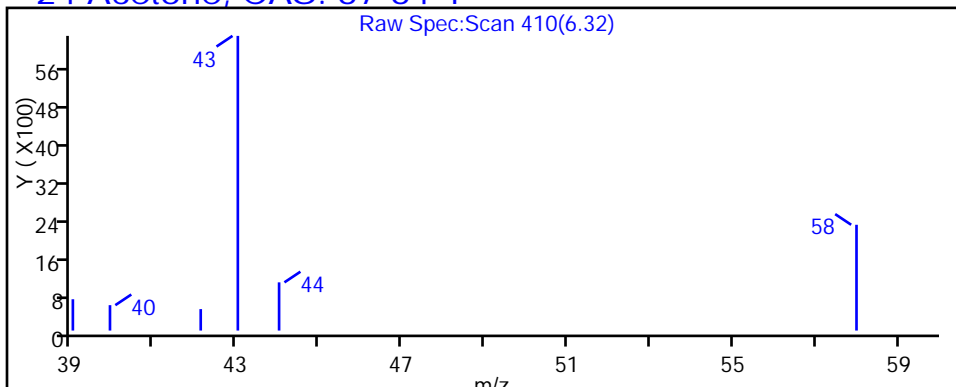
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

24 Acetone, CAS: 67-64-1



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22069.D

Injection Date: 18-Jan-2017 00:03:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-1

Lab Sample ID: 480-112334-1

Client ID: MW-2

Operator ID: RR

ALS Bottle#: 43

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

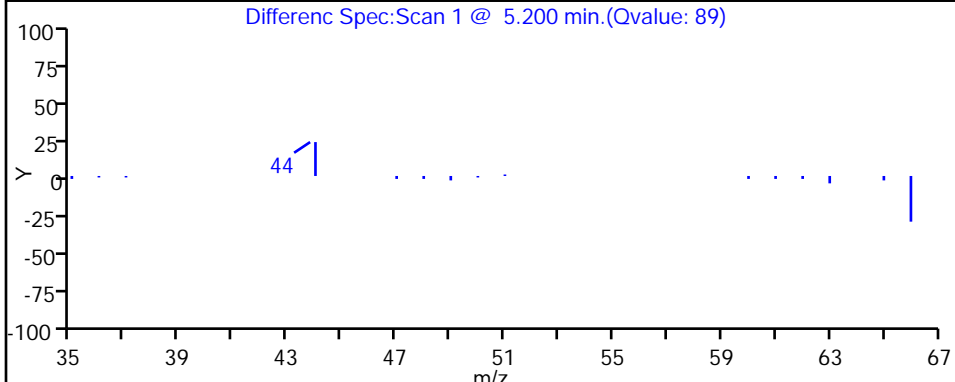
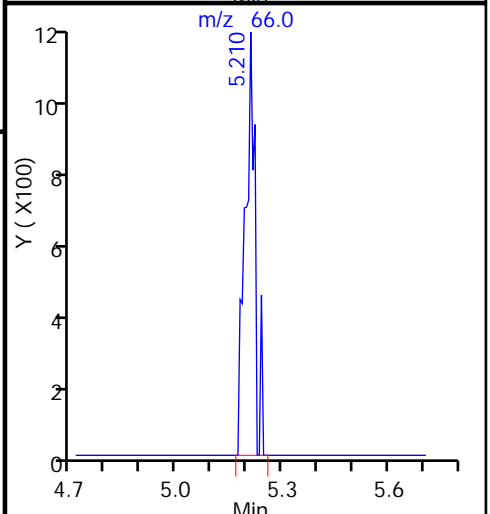
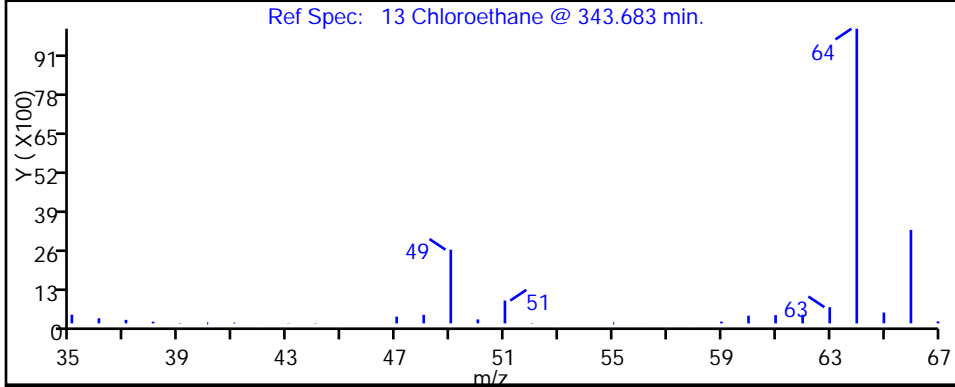
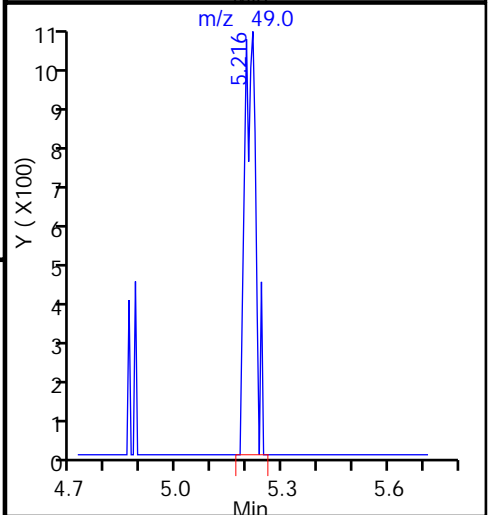
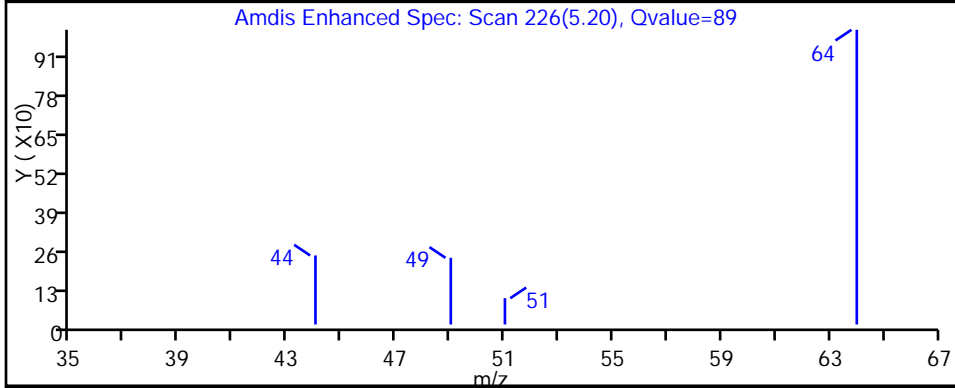
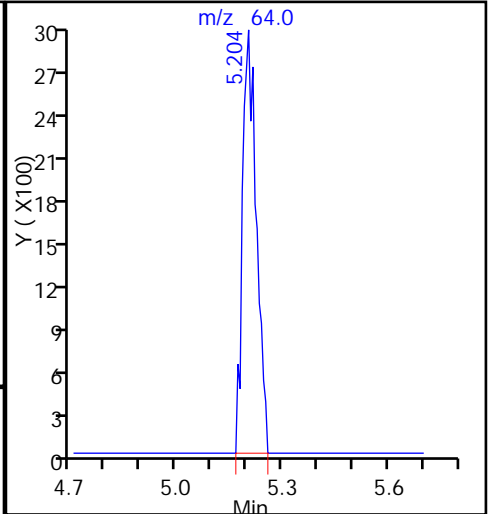
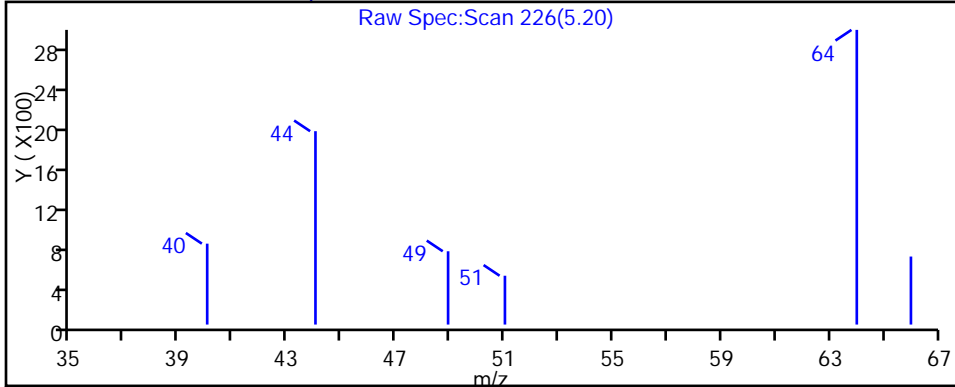
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22069.D

Injection Date: 18-Jan-2017 00:03:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-1

Lab Sample ID: 480-112334-1

Client ID: MW-2

Operator ID: RR

ALS Bottle#: 43

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

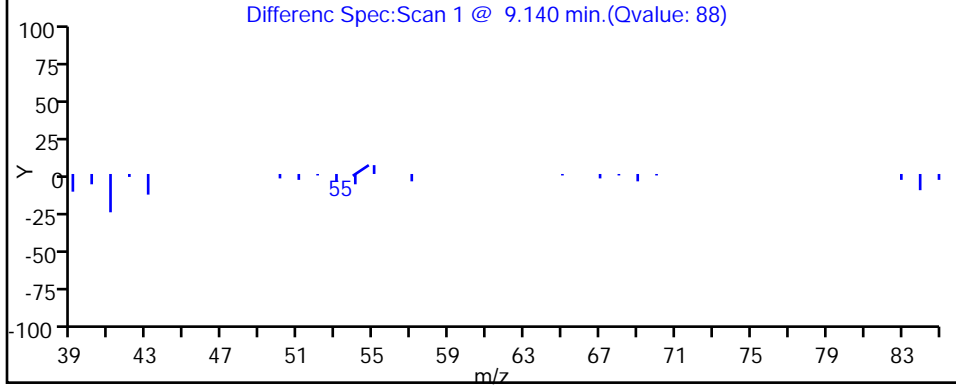
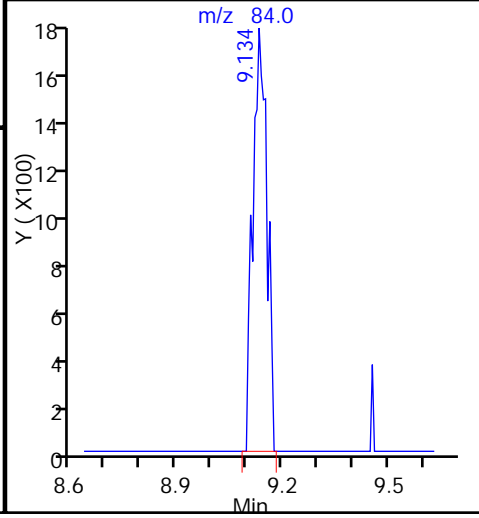
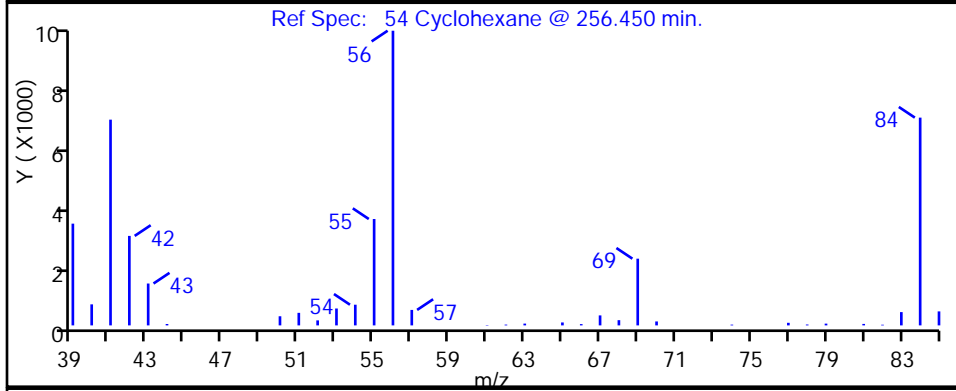
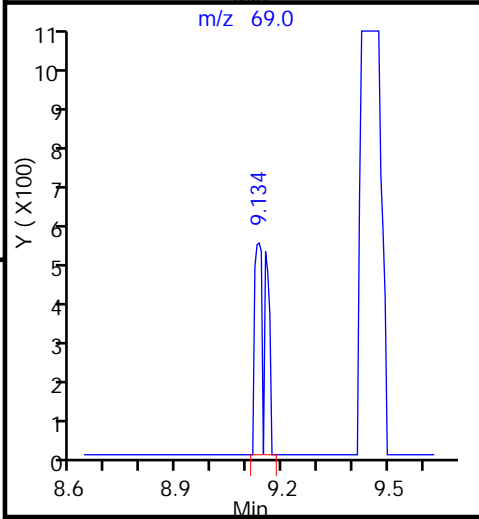
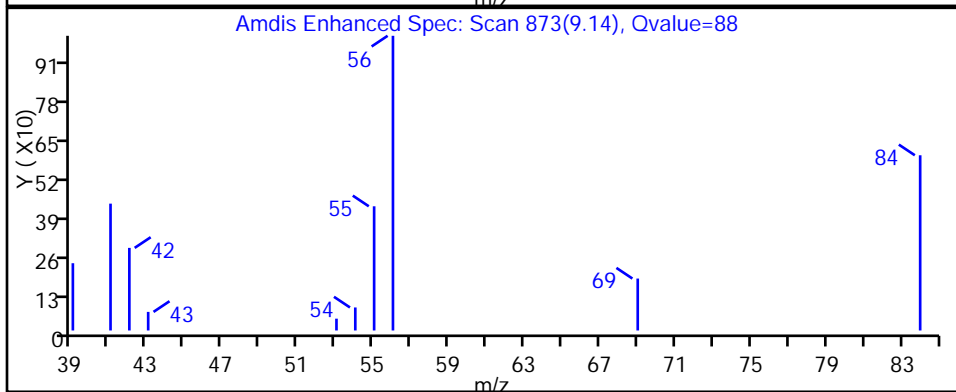
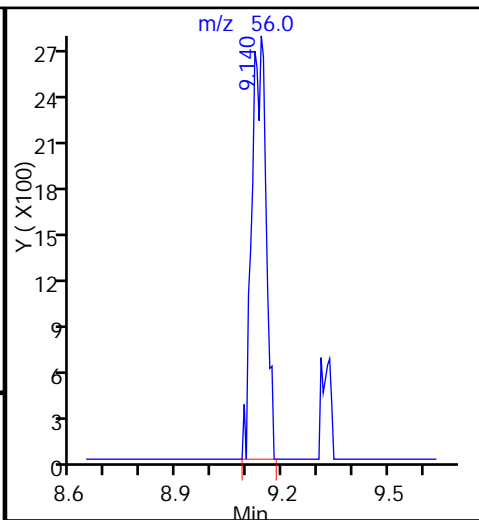
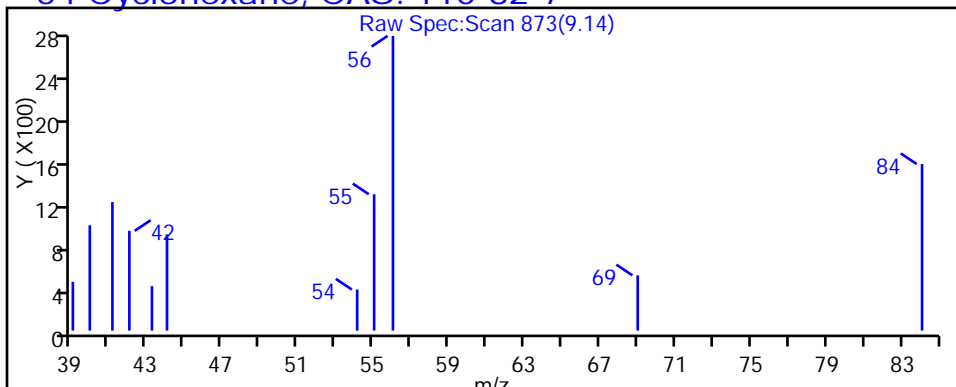
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

54 Cyclohexane, CAS: 110-82-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-6 Lab Sample ID: 480-112334-2
 Matrix: Water Lab File ID: P22070.D
 Analysis Method: 8260C Date Collected: 01/17/2017 10:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 00:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND	*	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-6 Lab Sample ID: 480-112334-2
 Matrix: Water Lab File ID: P22070.D
 Analysis Method: 8260C Date Collected: 01/17/2017 10:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 00:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22070.D
 Lims ID: 480-112334-A-2
 Client ID: MW-6
 Sample Type: Client
 Inject. Date: 18-Jan-2017 00:30:30 ALS Bottle#: 44 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112334-A-2
 Misc. Info.: 480-0059829-018
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 09:29:32 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK003

First Level Reviewer: farrellr

Date: 18-Jan-2017 09:29:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	99	105197	25.0	
* 2 Chlorobenzene-d5	82	13.764	13.757	0.007	85	219646	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.751	0.000	93	290541	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	83816	26.0	
\$ 5 Toluene-d8 (Surr)	98	11.799	11.792	0.007	93	473014	24.7	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	191637	24.5	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.285				ND	
17 Vinyl chloride	62		4.516				ND	
12 Bromomethane	94		5.064				ND	
13 Chloroethane	64		5.198				ND	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43		6.317				ND	
27 Carbon disulfide	76		6.670				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96		7.224				ND	
40 1,1-Dichloroethane	63		7.747				ND	
44 2-Butanone (MEK)	43		8.392				ND	
43 cis-1,2-Dichloroethene	96		8.440				ND	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.262				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.440				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92		11.884				ND	
78 trans-1,3-Dichloropropene	75		12.145				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.867				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.573				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.418				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.268				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22070.D

Injection Date: 18-Jan-2017 00:30:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: 480-112334-A-2

Lab Sample ID: 480-112334-2

Worklist Smp#: 18

Client ID: MW-6

Purge Vol: 5.000 mL

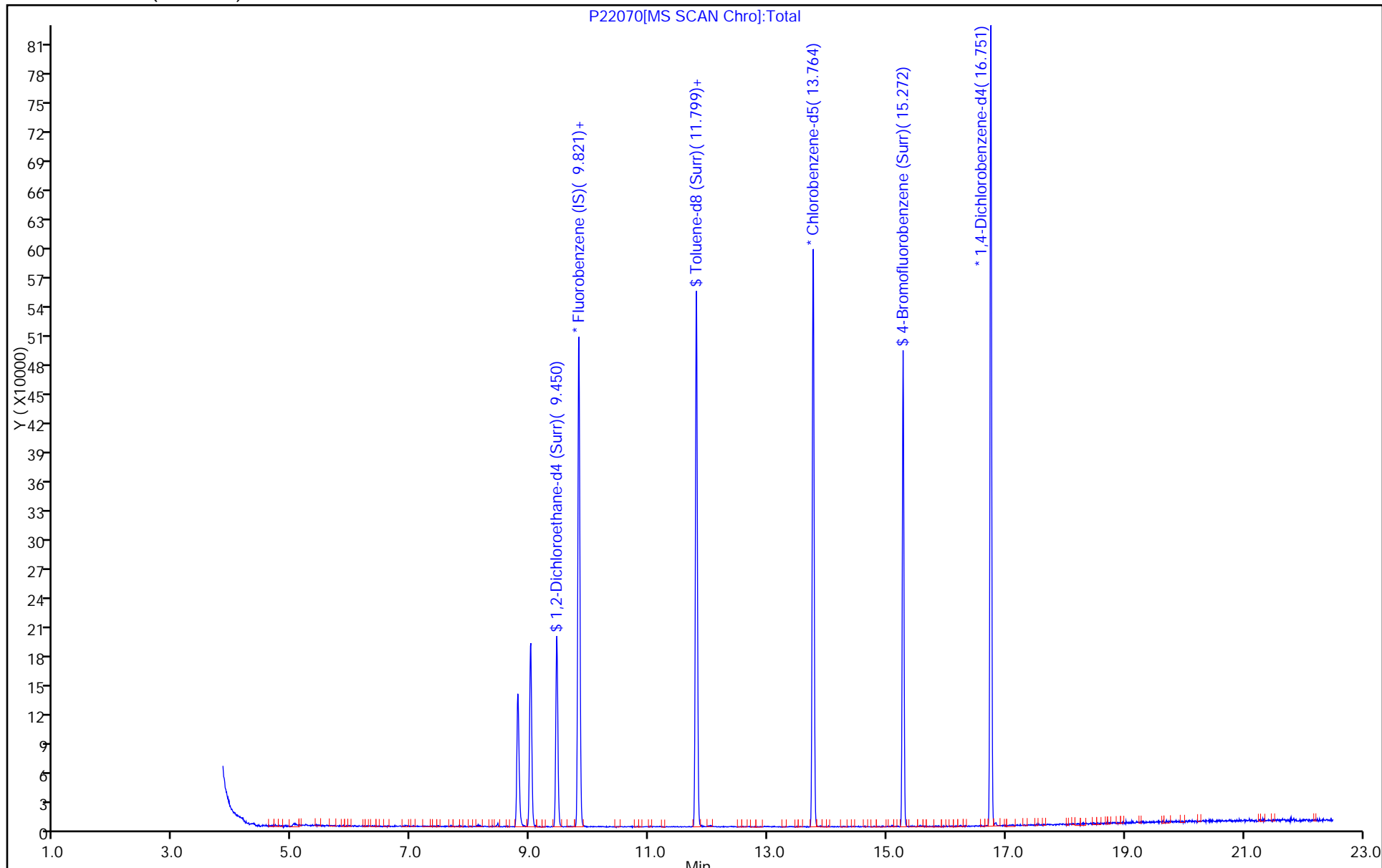
Dil. Factor: 1.0000

ALS Bottle#: 44

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



P22070[MS SCAN Chro]:Total

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 480-112334-3
 Matrix: Water Lab File ID: N2590.D
 Analysis Method: 8260C Date Collected: 01/17/2017 09:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 14:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 480-112334-3
 Matrix: Water Lab File ID: N2590.D
 Analysis Method: 8260C Date Collected: 01/17/2017 09:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 14:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND	*	2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
2037-26-5	Toluene-d8 (Surr)	92		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2590.D
 Lims ID: 480-112334-A-3
 Client ID: MW-10
 Sample Type: Client
 Inject. Date: 18-Jan-2017 14:33:30 ALS Bottle#: 14 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112334-A-3
 Misc. Info.: 480-0059834-014
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 17:36:19 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: youngmans

Date: 18-Jan-2017 17:37:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	87462	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	338803	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	94	175862	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	120077	25.1	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	400029	23.1	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	96	140830	24.0	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.525				ND	
14 Vinyl chloride	62		1.634				ND	
15 Bromomethane	94		1.926				ND	
16 Chloroethane	64		2.036				ND	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96		2.772				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.778				ND	
23 Acetone	43		2.863				ND	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.174				ND	
30 Methylene Chloride	84		3.265				ND	
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96		3.508				ND	
36 1,1-Dichloroethane	63		3.916				ND	
43 cis-1,2-Dichloroethene	96		4.469				ND	
44 2-Butanone (MEK)	43		4.494				ND	
50 Chloroform	83		4.774				ND	
51 1,1,1-Trichloroethane	97		4.907				ND	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95		5.869				ND	
62 Methylcyclohexane	83		6.015				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.380				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92		7.110				ND	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.655				ND	
90 m-Xylene & p-Xylene	106		8.777				ND	
91 o-Xylene	106		9.202				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.586				ND	
98 1,1,2,2-Tetrachloroethane	83		9.957				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.924				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.989				ND	
119 1,2,4-Trichlorobenzene	180		12.688				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00236

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2590.D

Injection Date: 18-Jan-2017 14:33:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-A-3

Lab Sample ID: 480-112334-3

Worklist Smp#: 14

Client ID: MW-10

Purge Vol: 5.000 mL

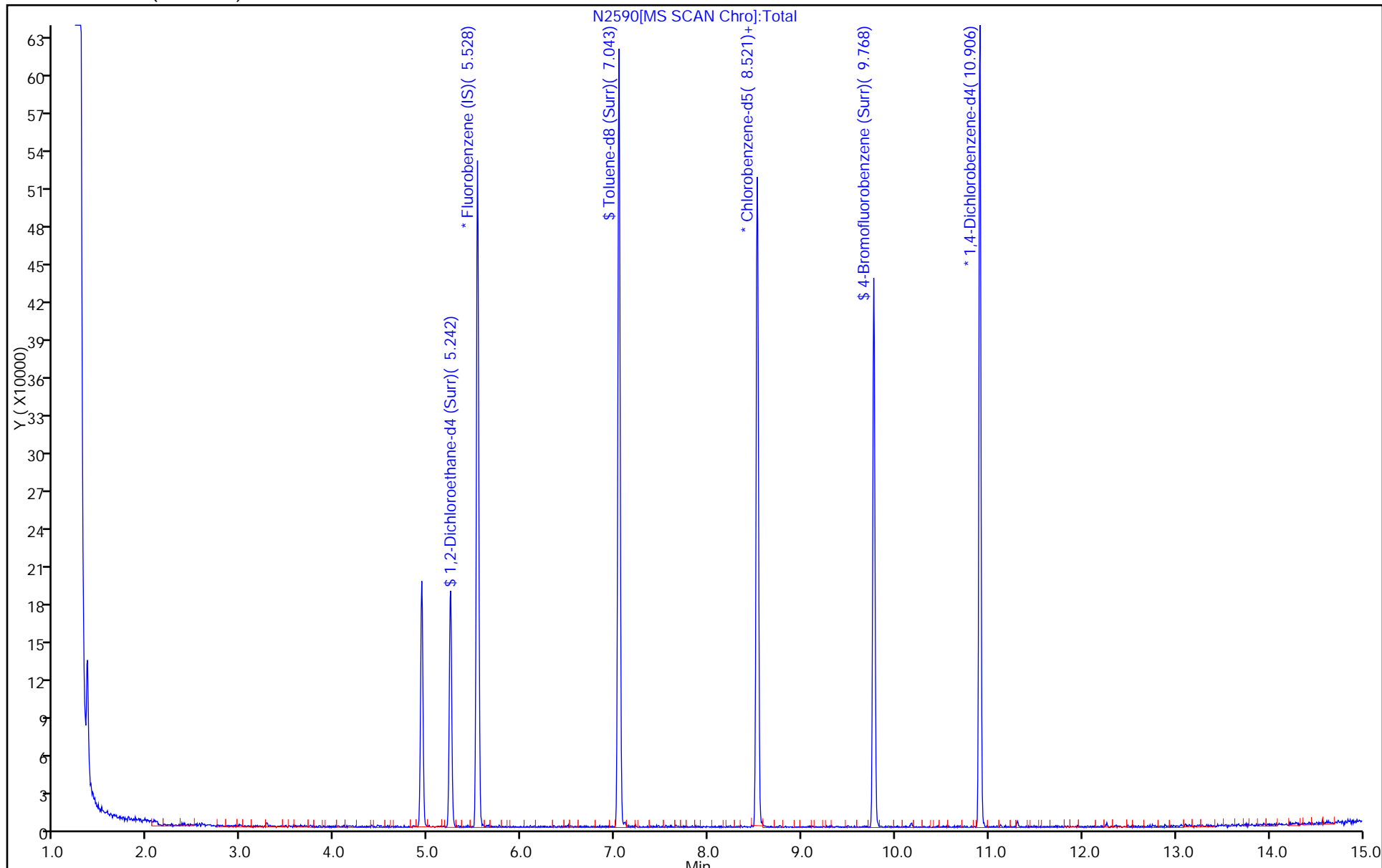
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 480-112334-4
 Matrix: Water Lab File ID: N2591.D
 Analysis Method: 8260C Date Collected: 01/17/2017 11:20
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 15:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	1.3		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	3.8		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 480-112334-4
 Matrix: Water Lab File ID: N2591.D
 Analysis Method: 8260C Date Collected: 01/17/2017 11:20
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 15:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND	*	2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	2.5		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	94		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2591.D
 Lims ID: 480-112334-A-4
 Client ID: MW-11
 Sample Type: Client
 Inject. Date: 18-Jan-2017 15:00:30 ALS Bottle#: 15 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112334-A-4
 Misc. Info.: 480-0059834-015
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 17:38:46 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: youngmans

Date: 18-Jan-2017 17:38:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	85301	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	336869	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	177440	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.242	5.236	0.006	0	120180	25.8	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	404735	23.5	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	95	140773	24.2	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.525				ND	
14 Vinyl chloride	62	1.634	1.634	0.000	96	14326	2.46	
15 Bromomethane	94		1.926				ND	
16 Chloroethane	64		2.036				ND	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96		2.772				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.778				ND	
23 Acetone	43		2.863				ND	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.174				ND	
30 Methylene Chloride	84	3.265	3.265	0.000	18	1762	0.3184	
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96		3.508				ND	
36 1,1-Dichloroethane	63	3.922	3.916	0.006	93	12033	1.26	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	77	21020	3.75	
44 2-Butanone (MEK)	43		4.494				ND	
50 Chloroform	83		4.774				ND	
51 1,1,1-Trichloroethane	97		4.907				ND	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95		5.869				ND	
62 Methylcyclohexane	83		6.015				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.380				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92		7.110				ND	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.655				ND	
90 m-Xylene & p-Xylene	106		8.777				ND	
91 o-Xylene	106		9.202				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.586				ND	
98 1,1,2,2-Tetrachloroethane	83		9.957				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.924				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.989				ND	
119 1,2,4-Trichlorobenzene	180		12.688				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00236

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2591.D

Injection Date: 18-Jan-2017 15:00:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-A-4

Lab Sample ID: 480-112334-4

Worklist Smp#: 15

Client ID: MW-11

Purge Vol: 5.000 mL

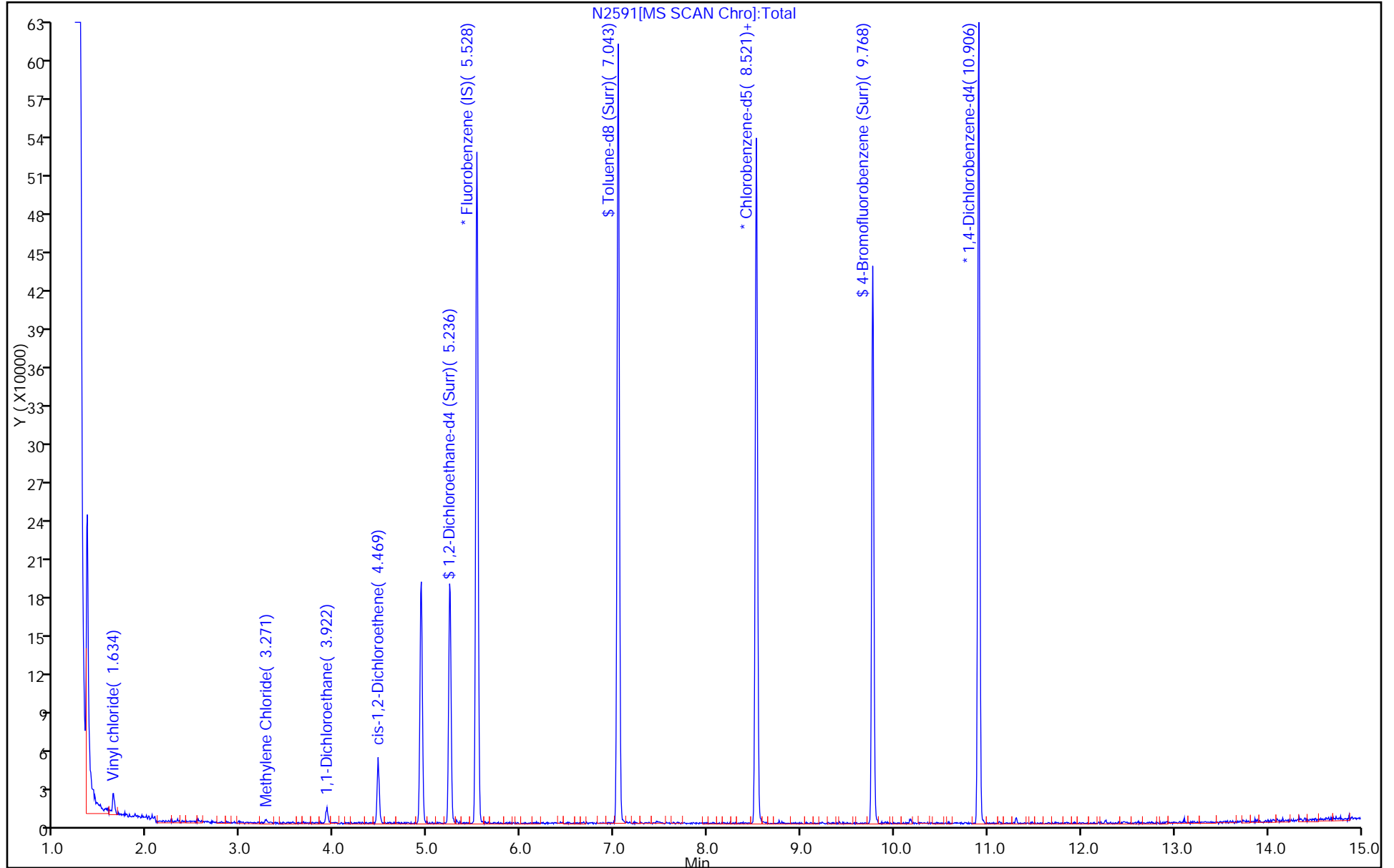
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2591.D

Injection Date: 18-Jan-2017 15:00:30

Instrument ID: HP5973N

Lims ID: 480-112334-A-4

Lab Sample ID: 480-112334-4

Client ID: MW-11

Operator ID: nea

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

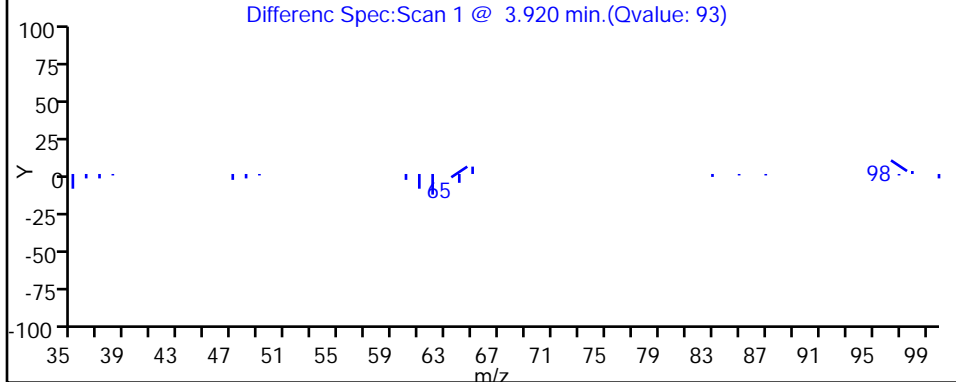
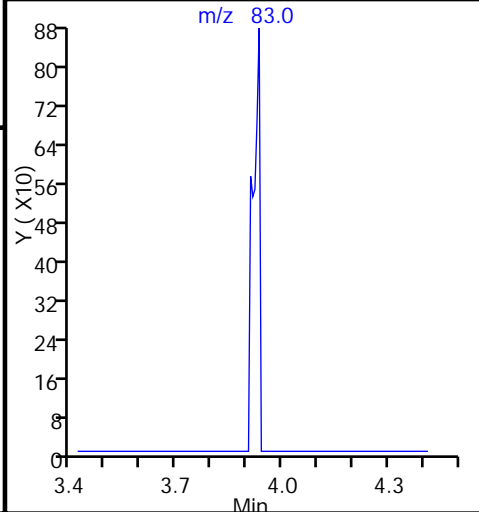
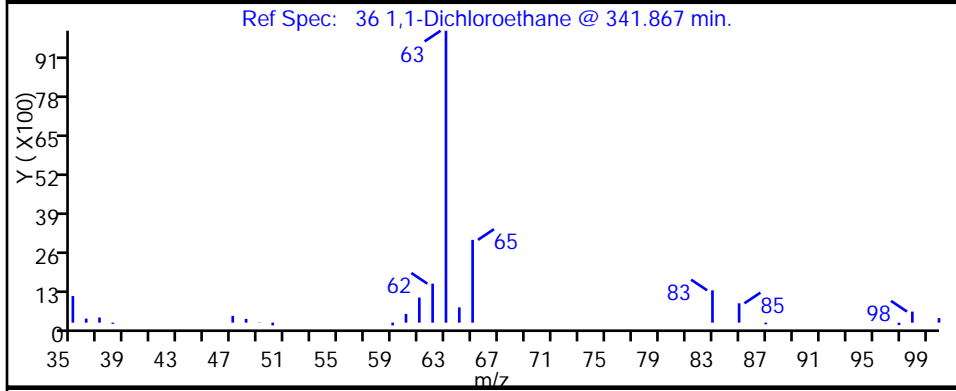
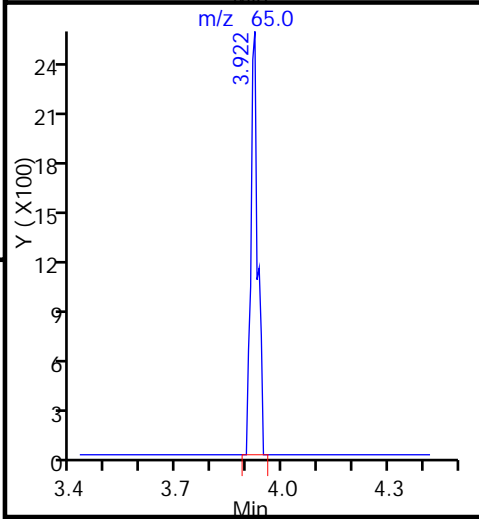
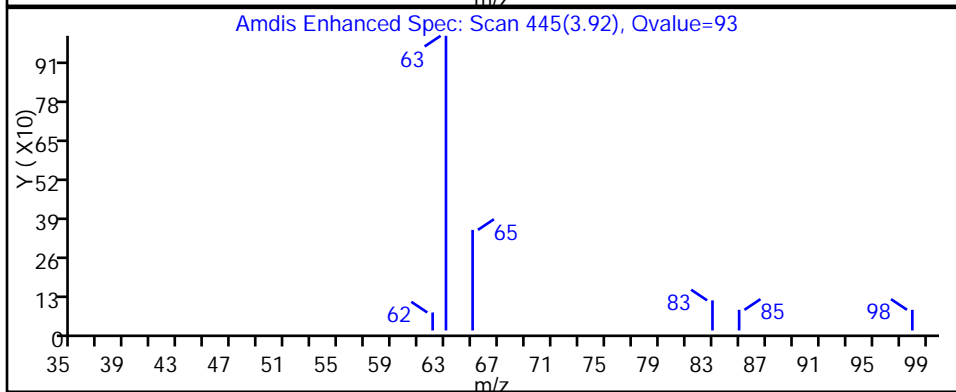
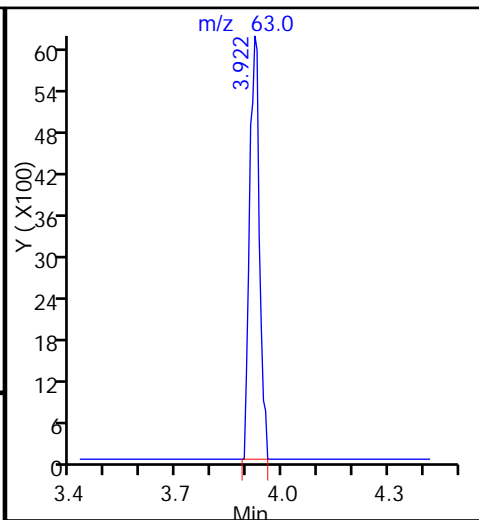
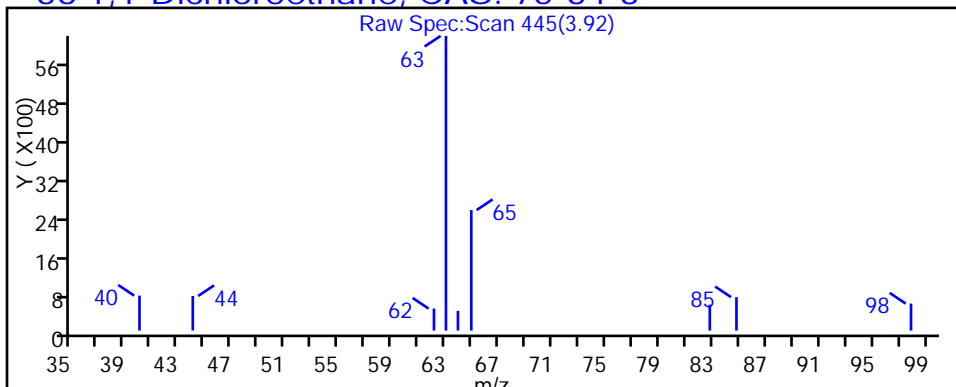
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2591.D

Injection Date: 18-Jan-2017 15:00:30

Instrument ID: HP5973N

Lims ID: 480-112334-A-4

Lab Sample ID: 480-112334-4

Client ID: MW-11

Operator ID: nea

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

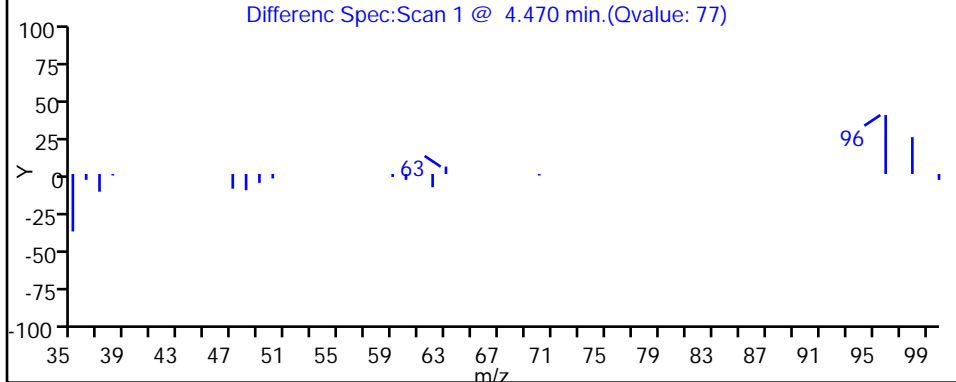
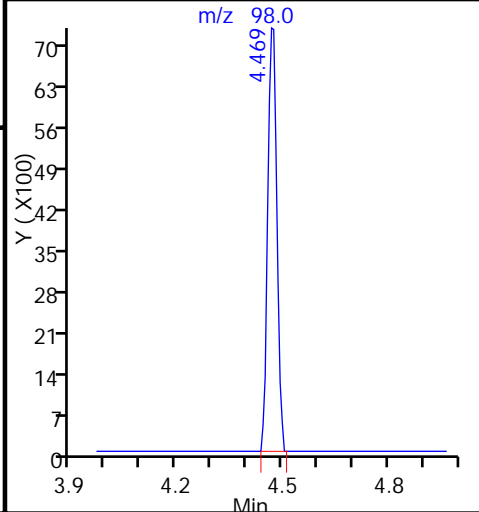
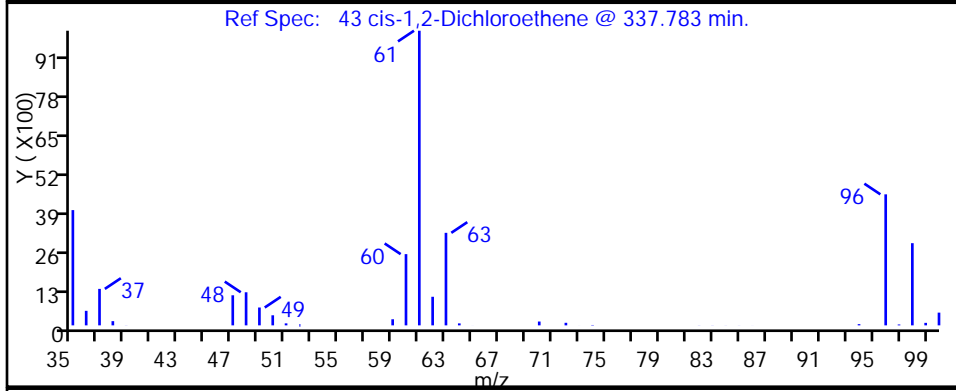
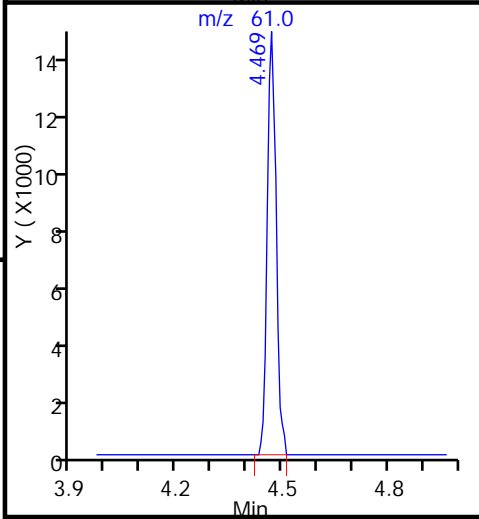
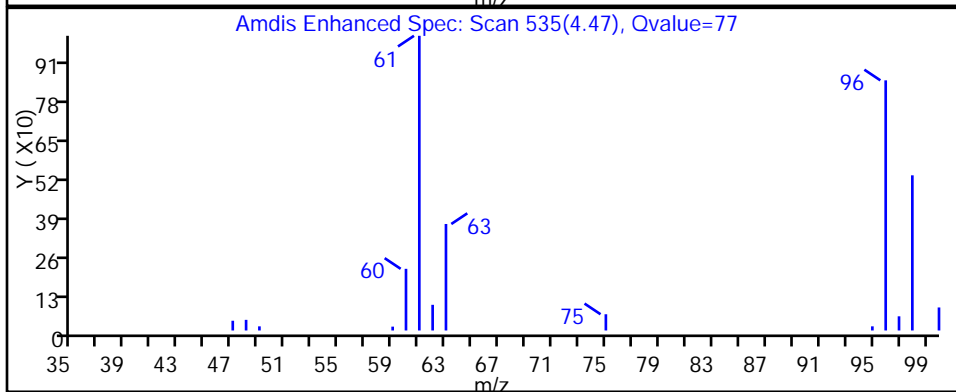
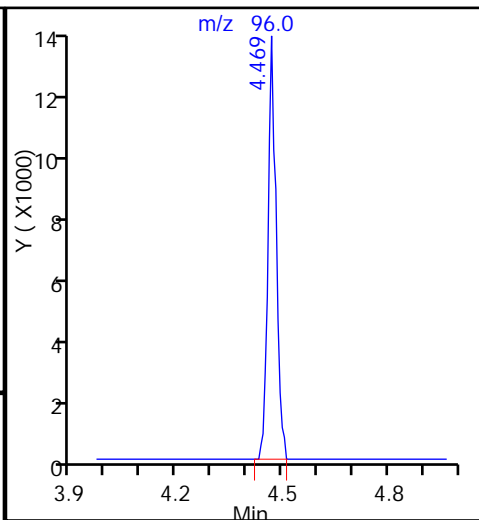
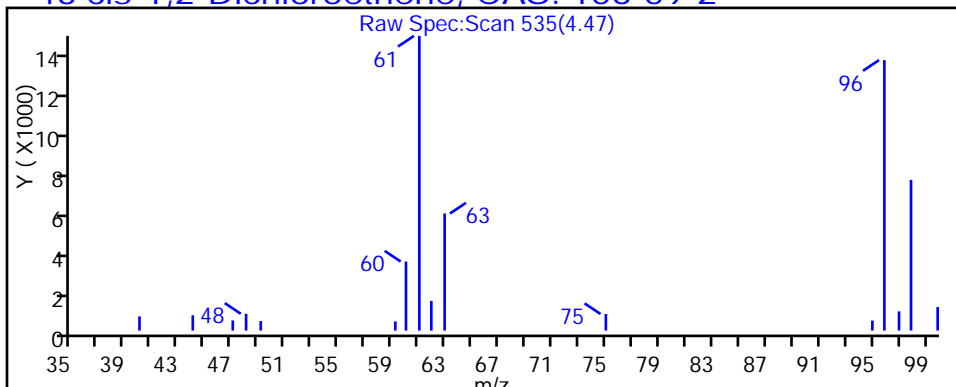
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2591.D

Injection Date: 18-Jan-2017 15:00:30

Instrument ID: HP5973N

Lims ID: 480-112334-A-4

Lab Sample ID: 480-112334-4

Client ID: MW-11

Operator ID: nea

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

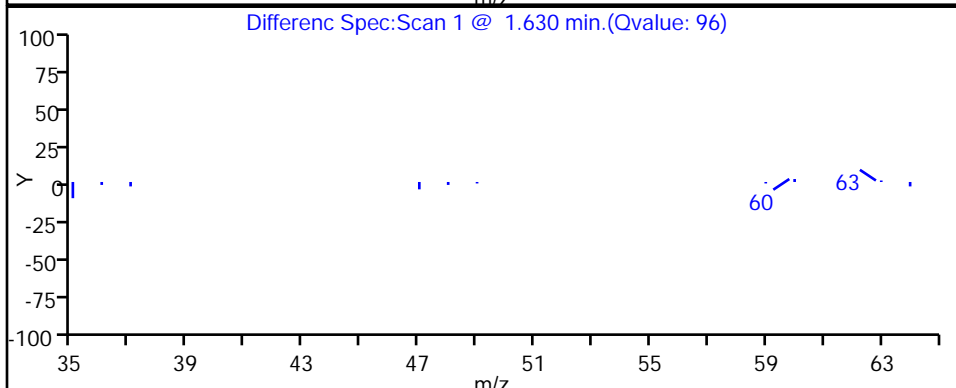
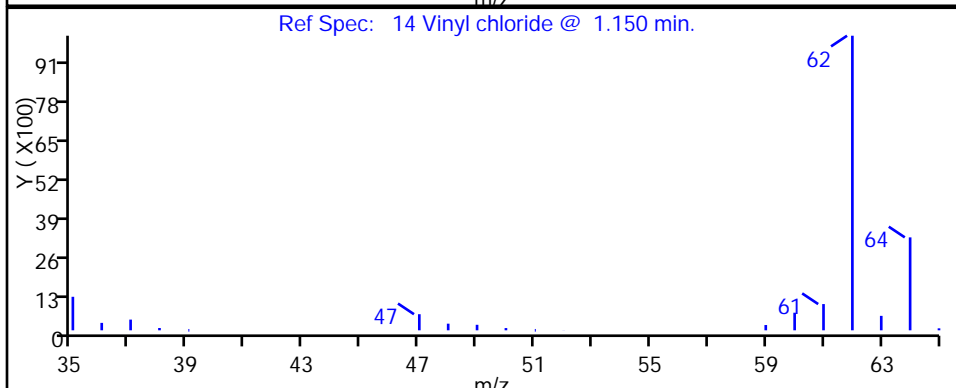
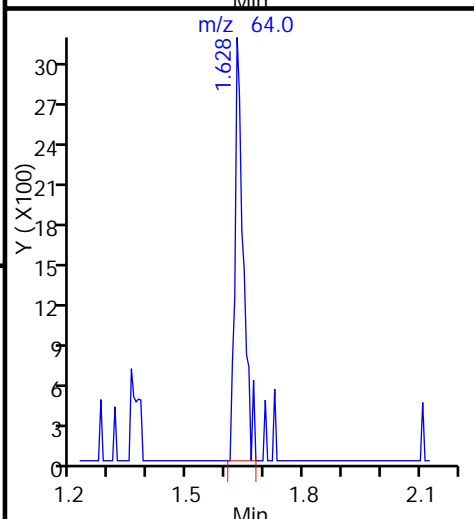
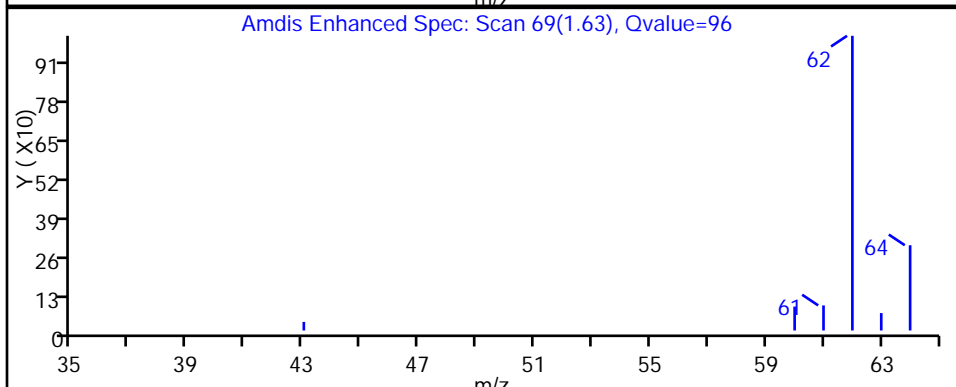
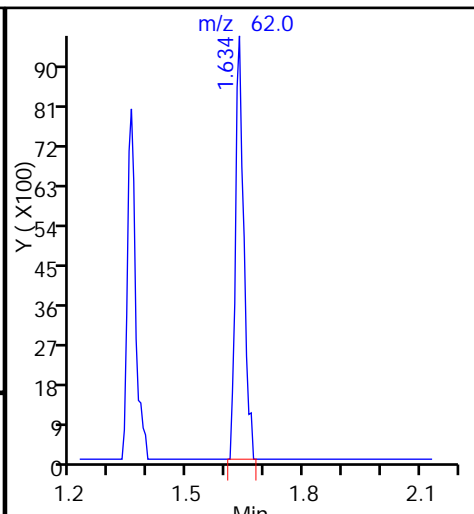
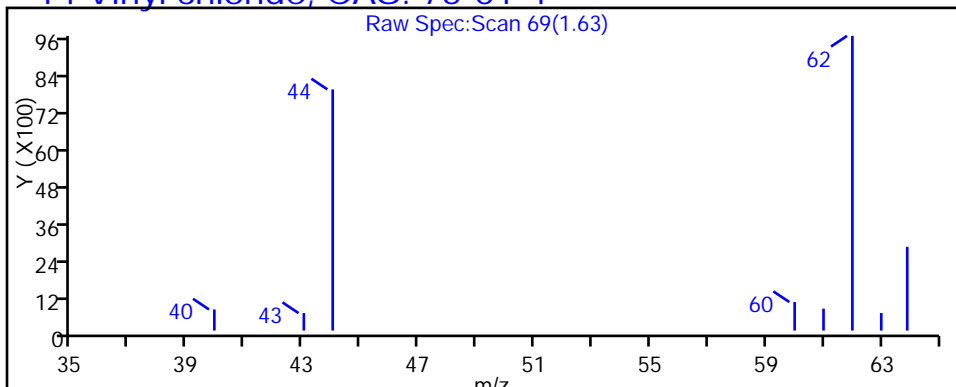
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: Duplicate Lab Sample ID: 480-112334-5
 Matrix: Water Lab File ID: N2626.D
 Analysis Method: 8260C Date Collected: 01/17/2017 06:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 12:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: Duplicate Lab Sample ID: 480-112334-5
 Matrix: Water Lab File ID: N2626.D
 Analysis Method: 8260C Date Collected: 01/17/2017 06:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 12:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	94		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2626.D
 Lims ID: 480-112334-B-5
 Client ID: Duplicate
 Sample Type: Client
 Inject. Date: 19-Jan-2017 12:17:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112334-B-5
 Misc. Info.: 480-0059868-008
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-Jan-2017 17:14:35 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: youngmans

Date: 19-Jan-2017 17:15:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.522	5.528	-0.006	99	91646	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	345363	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	94	176009	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	129818	25.9	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	91	416658	23.6	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	94	147614	24.7	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.519				ND	
14 Vinyl chloride	62		1.628				ND	
15 Bromomethane	94		1.932				ND	
16 Chloroethane	64		2.042				ND	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96		2.772				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.784				ND	
23 Acetone	43		2.863				ND	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.167				ND	
30 Methylene Chloride	84		3.265				ND	
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96		3.508				ND	
36 1,1-Dichloroethane	63		3.916				ND	
43 cis-1,2-Dichloroethene	96		4.469				ND	
44 2-Butanone (MEK)	43		4.494				ND	
50 Chloroform	83		4.773				ND	
51 1,1,1-Trichloroethane	97		4.907				ND	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95		5.875				ND	
62 Methylcyclohexane	83		6.014				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.379				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92		7.103				ND	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.649				ND	
90 m-Xylene & p-Xylene	106		8.776				ND	
91 o-Xylene	106		9.196				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.585				ND	
98 1,1,2,2-Tetrachloroethane	83		9.951				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.930				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.995				ND	
119 1,2,4-Trichlorobenzene	180		12.682				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00237

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2626.D

Injection Date: 19-Jan-2017 12:17:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-B-5

Lab Sample ID: 480-112334-5

Worklist Smp#: 8

Client ID: Duplicate

Purge Vol: 5.000 mL

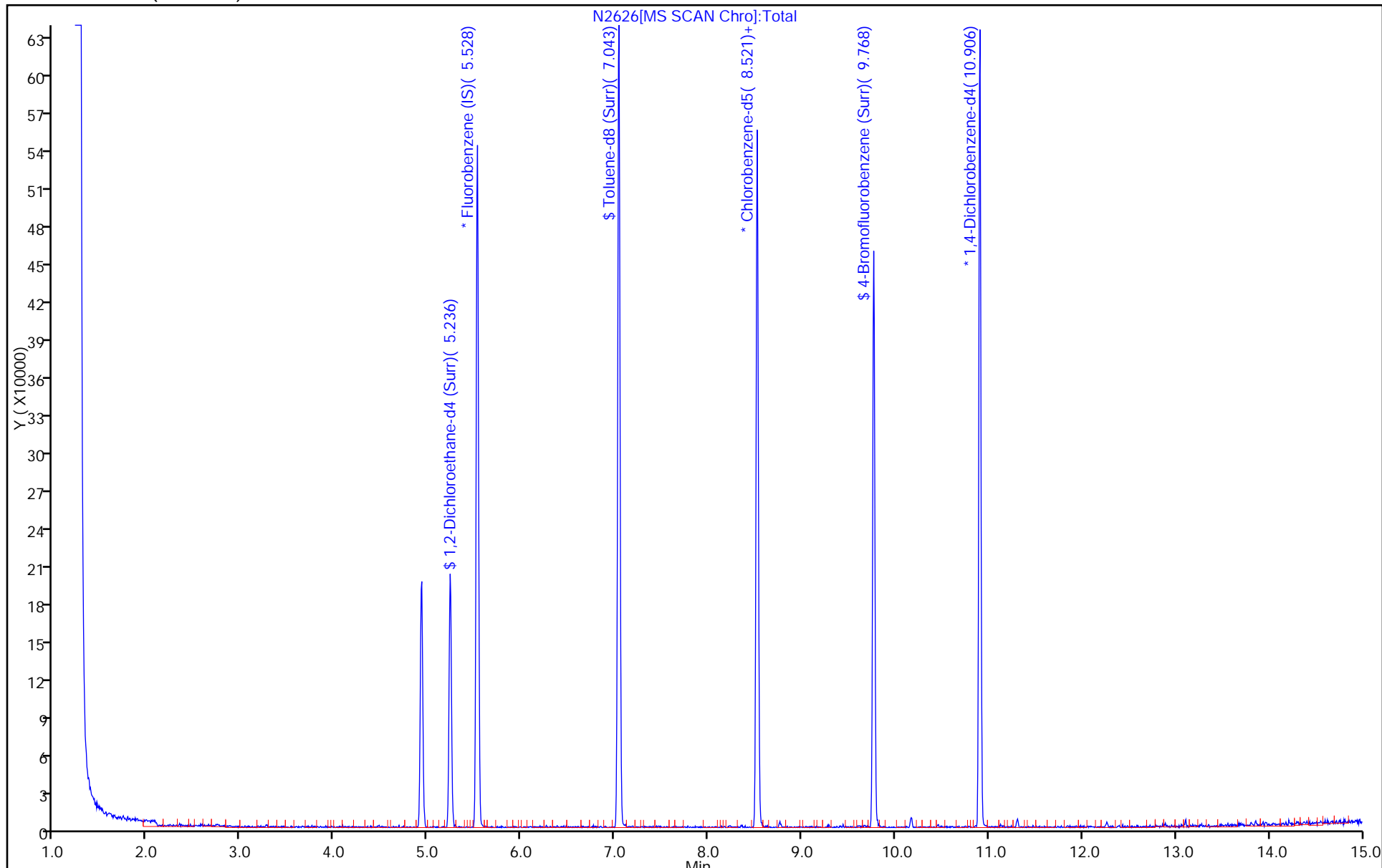
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: Rinse Lab Sample ID: 480-112334-6
 Matrix: Water Lab File ID: N2593.D
 Analysis Method: 8260C Date Collected: 01/17/2017 07:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 15:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: Rinse Lab Sample ID: 480-112334-6
 Matrix: Water Lab File ID: N2593.D
 Analysis Method: 8260C Date Collected: 01/17/2017 07:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 15:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND	*	2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	92		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2593.D
 Lims ID: 480-112334-A-6
 Client ID: Rinse
 Sample Type: Client
 Inject. Date: 18-Jan-2017 15:54:30 ALS Bottle#: 17 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112334-A-6
 Misc. Info.: 480-0059834-017
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 17:47:33 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: youngmans

Date: 18-Jan-2017 17:47:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	87097	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	340369	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	173228	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	120728	25.4	
\$ 6 Toluene-d8 (Surr)	98	7.037	7.043	-0.006	92	401172	23.1	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	95	140390	23.8	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.525				ND	
14 Vinyl chloride	62		1.634				ND	
15 Bromomethane	94		1.926				ND	
16 Chloroethane	64		2.036				ND	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96		2.772				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.778				ND	
23 Acetone	43		2.863				ND	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.174				ND	
30 Methylene Chloride	84	3.265	3.265	0.000	1	1813	0.3209	M
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96		3.508				ND	
36 1,1-Dichloroethane	63		3.916				ND	
43 cis-1,2-Dichloroethene	96		4.469				ND	
44 2-Butanone (MEK)	43		4.494				ND	
50 Chloroform	83		4.774				ND	
51 1,1,1-Trichloroethane	97		4.907				ND	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95		5.869				ND	
62 Methylcyclohexane	83		6.015				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.380				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92		7.110				ND	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.655				ND	
90 m-Xylene & p-Xylene	106		8.777				ND	
91 o-Xylene	106		9.202				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.586				ND	
98 1,1,2,2-Tetrachloroethane	83		9.957				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.924				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.989				ND	
119 1,2,4-Trichlorobenzene	180		12.688				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00236

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2593.D

Injection Date: 18-Jan-2017 15:54:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-A-6

Lab Sample ID: 480-112334-6

Worklist Smp#: 17

Client ID: Rinse

Purge Vol: 5.000 mL

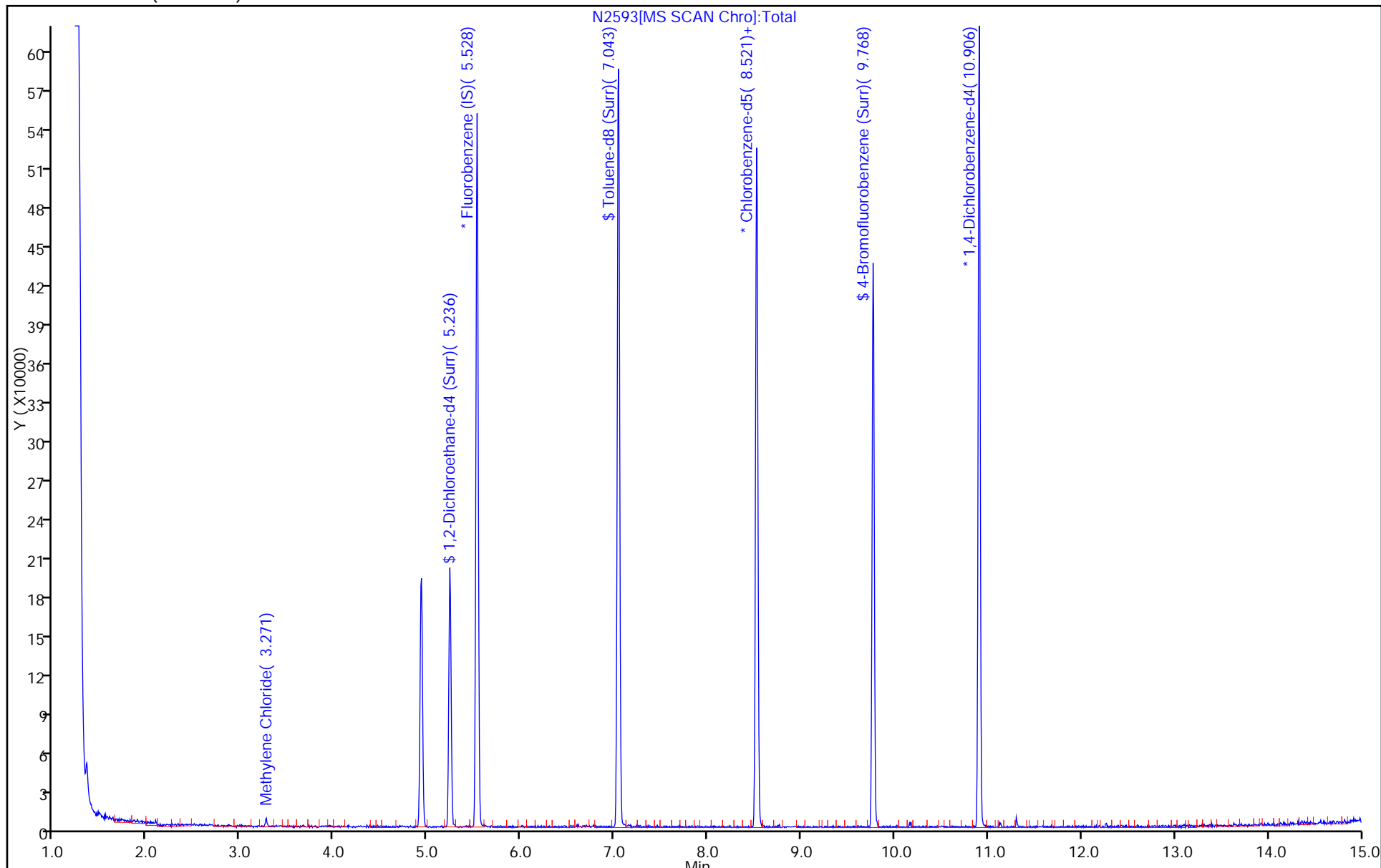
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

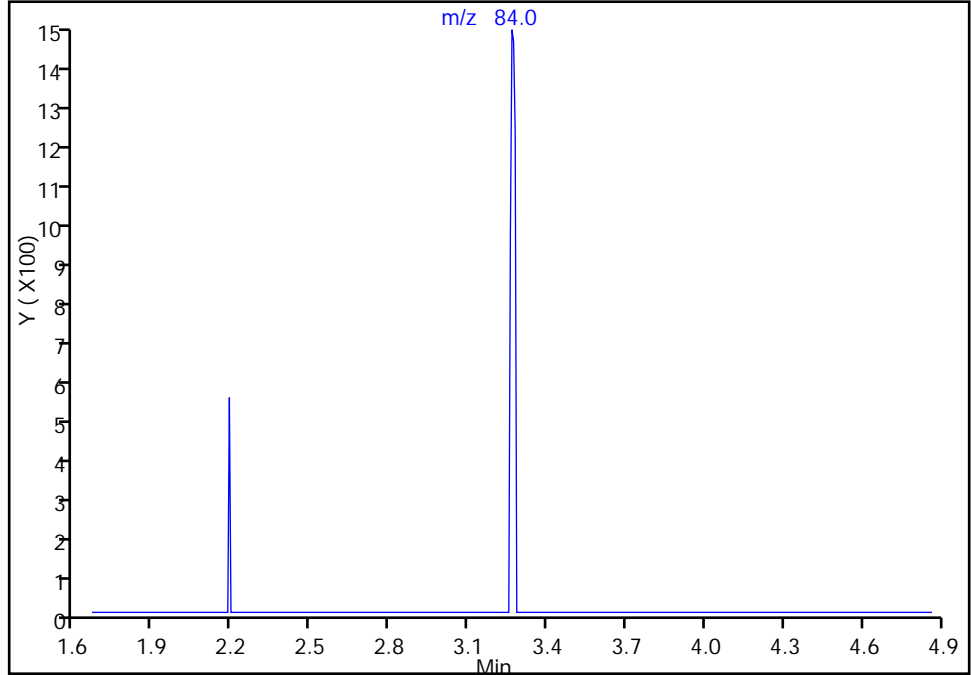
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Injection Date: 18-Jan-2017 15:54:30 Instrument ID: HP5973N
Lims ID: 480-112334-A-6 Lab Sample ID: 480-112334-6
Client ID: Rinse
Operator ID: nea ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

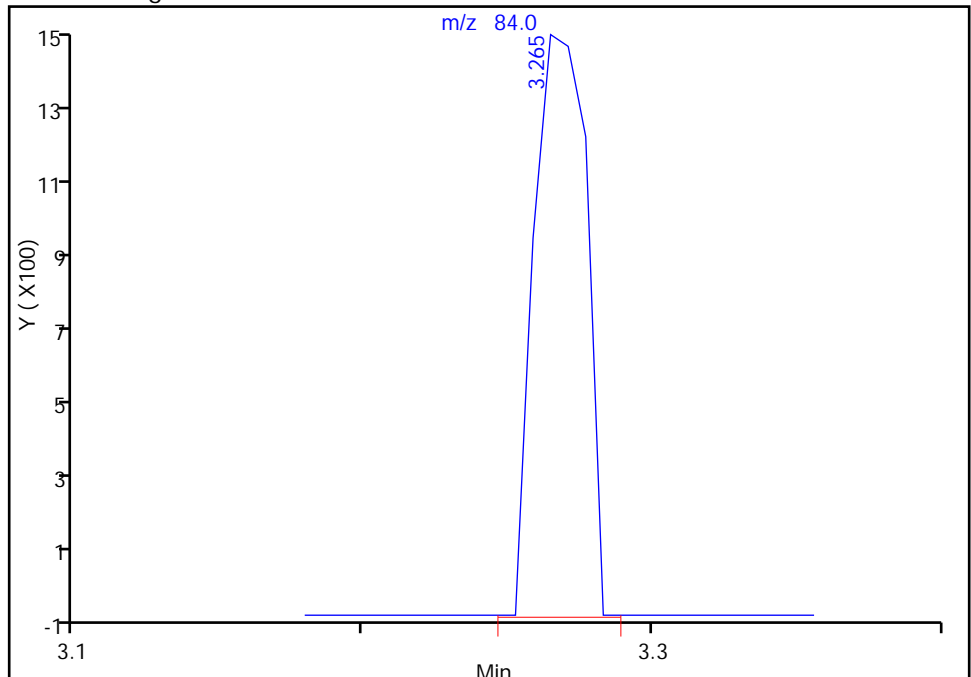
Not Detected
Expected RT: 3.26

Processing Integration Results



Manual Integration Results

RT: 3.26
Area: 1813
Amount: 0.320896
Amount Units: ug/L



Reviewer: youngmans, 18-Jan-2017 17:47:33
Audit Action: Assigned Compound ID

Audit Reason: Missed Peak

TestAmerica Buffalo

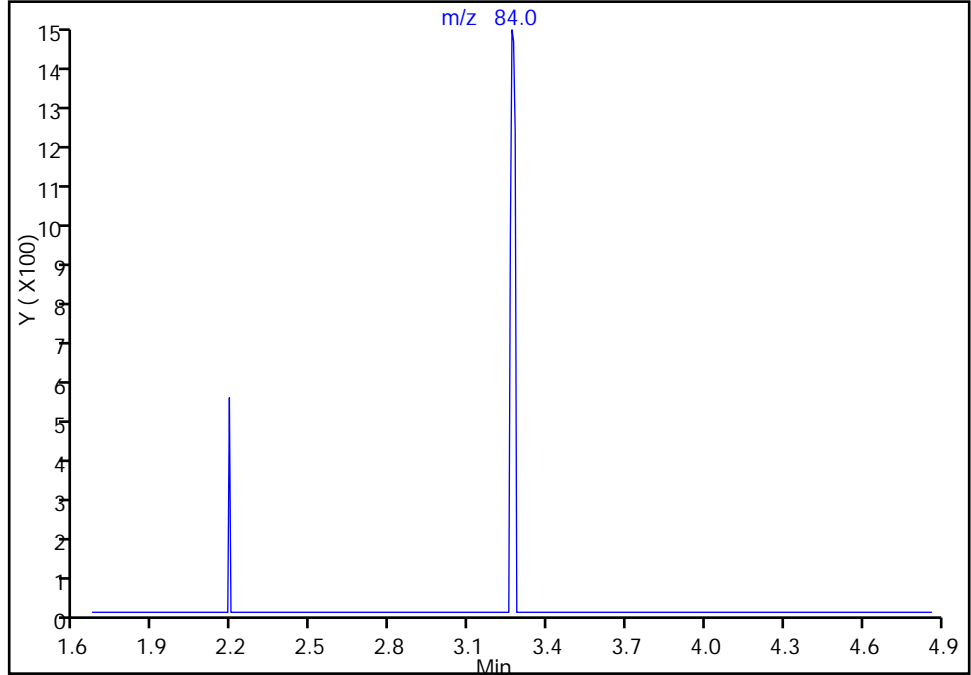
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2593.D
Injection Date: 18-Jan-2017 15:54:30 Instrument ID: HP5973N
Lims ID: 480-112334-A-6 Lab Sample ID: 480-112334-6
Client ID: Rinse
Operator ID: nea ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

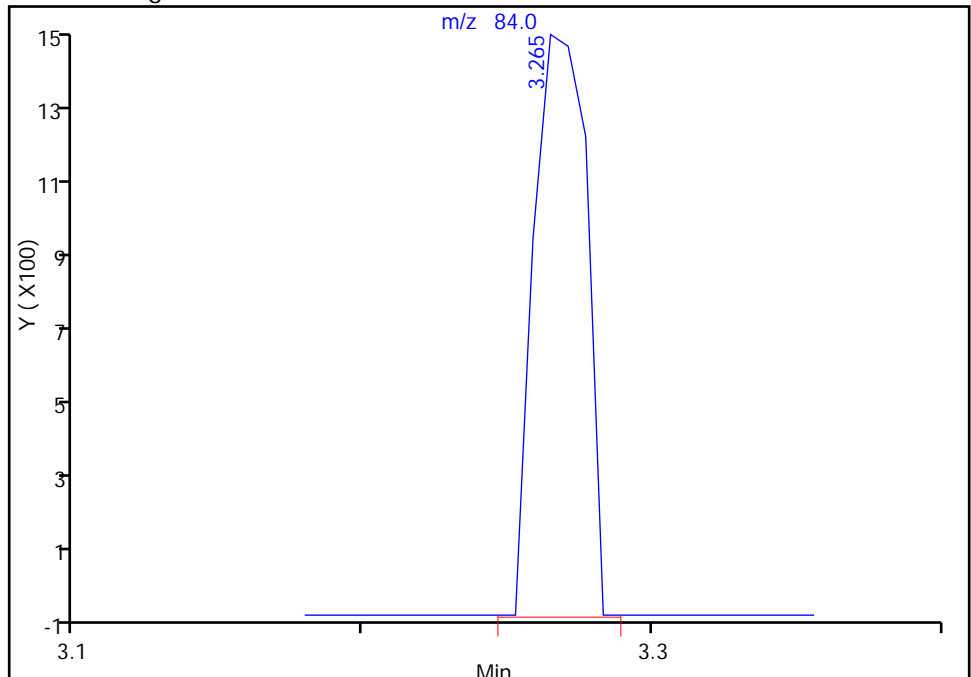
Not Detected
Expected RT: 3.26

Processing Integration Results



Manual Integration Results

RT: 3.26
Area: 1813
Amount: 0.320896
Amount Units: ug/L



Reviewer: youngmans, 18-Jan-2017 17:47:33

Audit Action: Manually Integrated

Audit Reason: Missed Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-8R Lab Sample ID: 480-112334-7
 Matrix: Water Lab File ID: N2594.D
 Analysis Method: 8260C Date Collected: 01/17/2017 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 16:20
 Soil Aliquot Vol: _____ Dilution Factor: 100
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		100	82
79-34-5	1,1,2,2-Tetrachloroethane	ND		100	21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31
79-00-5	1,1,2-Trichloroethane	ND		100	23
75-34-3	1,1-Dichloroethane	200		100	38
75-35-4	1,1-Dichloroethene	68	J	100	29
120-82-1	1,2,4-Trichlorobenzene	ND		100	41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		100	39
106-93-4	1,2-Dibromoethane	ND		100	73
95-50-1	1,2-Dichlorobenzene	ND		100	79
107-06-2	1,2-Dichloroethane	ND		100	21
78-87-5	1,2-Dichloropropane	ND		100	72
541-73-1	1,3-Dichlorobenzene	ND		100	78
106-46-7	1,4-Dichlorobenzene	ND		100	84
78-93-3	2-Butanone (MEK)	ND		1000	130
591-78-6	2-Hexanone	ND		500	120
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	210
67-64-1	Acetone	ND		1000	300
71-43-2	Benzene	ND		100	41
75-27-4	Bromodichloromethane	ND		100	39
75-25-2	Bromoform	ND		100	26
74-83-9	Bromomethane	ND		100	69
75-15-0	Carbon disulfide	ND		100	19
56-23-5	Carbon tetrachloride	ND		100	27
108-90-7	Chlorobenzene	ND		100	75
75-00-3	Chloroethane	ND		100	32
67-66-3	Chloroform	ND		100	34
74-87-3	Chloromethane	ND		100	35
156-59-2	cis-1,2-Dichloroethene	24000	E	100	81
10061-01-5	cis-1,3-Dichloropropene	ND		100	36
110-82-7	Cyclohexane	ND		100	18
124-48-1	Dibromochloromethane	ND		100	32
75-71-8	Dichlorodifluoromethane	ND		100	68
100-41-4	Ethylbenzene	ND		100	74
98-82-8	Isopropylbenzene	ND		100	79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-8R Lab Sample ID: 480-112334-7
 Matrix: Water Lab File ID: N2594.D
 Analysis Method: 8260C Date Collected: 01/17/2017 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 16:20
 Soil Aliquot Vol: _____ Dilution Factor: 100
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND	*	250	130
1634-04-4	Methyl tert-butyl ether	ND		100	16
108-87-2	Methylcyclohexane	ND		100	16
75-09-2	Methylene Chloride	73	J	100	44
100-42-5	Styrene	ND		100	73
127-18-4	Tetrachloroethene	ND		100	36
108-88-3	Toluene	ND		100	51
156-60-5	trans-1,2-Dichloroethene	ND		100	90
10061-02-6	trans-1,3-Dichloropropene	ND		100	37
79-01-6	Trichloroethene	ND		100	46
75-69-4	Trichlorofluoromethane	ND		100	88
75-01-4	Vinyl chloride	18000	E	100	90
1330-20-7	Xylenes, Total	ND		200	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	93		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2594.D
 Lims ID: 480-112334-A-7
 Client ID: MW-8R
 Sample Type: Client
 Inject. Date: 18-Jan-2017 16:20:30 ALS Bottle#: 18 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 100.0000
 Sample Info: 480-112334-A-7
 Misc. Info.: 480-0059834-018
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 17:51:29 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: youngmans

Date: 18-Jan-2017 17:51:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	86711	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	339853	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	177316	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	121449	25.6	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	405414	23.4	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	96	139023	23.6	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.525				ND	
14 Vinyl chloride	62	1.640	1.634	0.006	98	1071188	180.9	E
15 Bromomethane	94		1.926				ND	
16 Chloroethane	64		2.036				ND	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96	2.778	2.772	0.006	90	3313	0.6753	
21 1,1,2-Trichloro-1,2,2-trif	101		2.778				ND	
23 Acetone	43		2.863				ND	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.174				ND	
30 Methylene Chloride	84	3.271	3.265	0.006	86	4102	0.7293	
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96	3.520	3.508	0.012	94	4106	0.7780	
36 1,1-Dichloroethane	63	3.916	3.916	0.000	95	19707	2.03	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	78	1369154	240.5	E
44 2-Butanone (MEK)	43		4.494				ND	
50 Chloroform	83		4.774				ND	
51 1,1,1-Trichloroethane	97		4.907				ND	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95	5.868	5.868	-0.001	1	600	0.1241	7M
62 Methylcyclohexane	83		6.015				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.380				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92	7.110	7.110	0.000	25	3566	0.2778	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.655				ND	
90 m-Xylene & p-Xylene	106		8.777				ND	
91 o-Xylene	106		9.202				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.586				ND	
98 1,1,2,2-Tetrachloroethane	83		9.957				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.924				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.989				ND	
119 1,2,4-Trichlorobenzene	180		12.688				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00236

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2594.D

Injection Date: 18-Jan-2017 16:20:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-A-7

Lab Sample ID: 480-112334-7

Worklist Smp#: 18

Client ID: MW-8R

Purge Vol: 5.000 mL

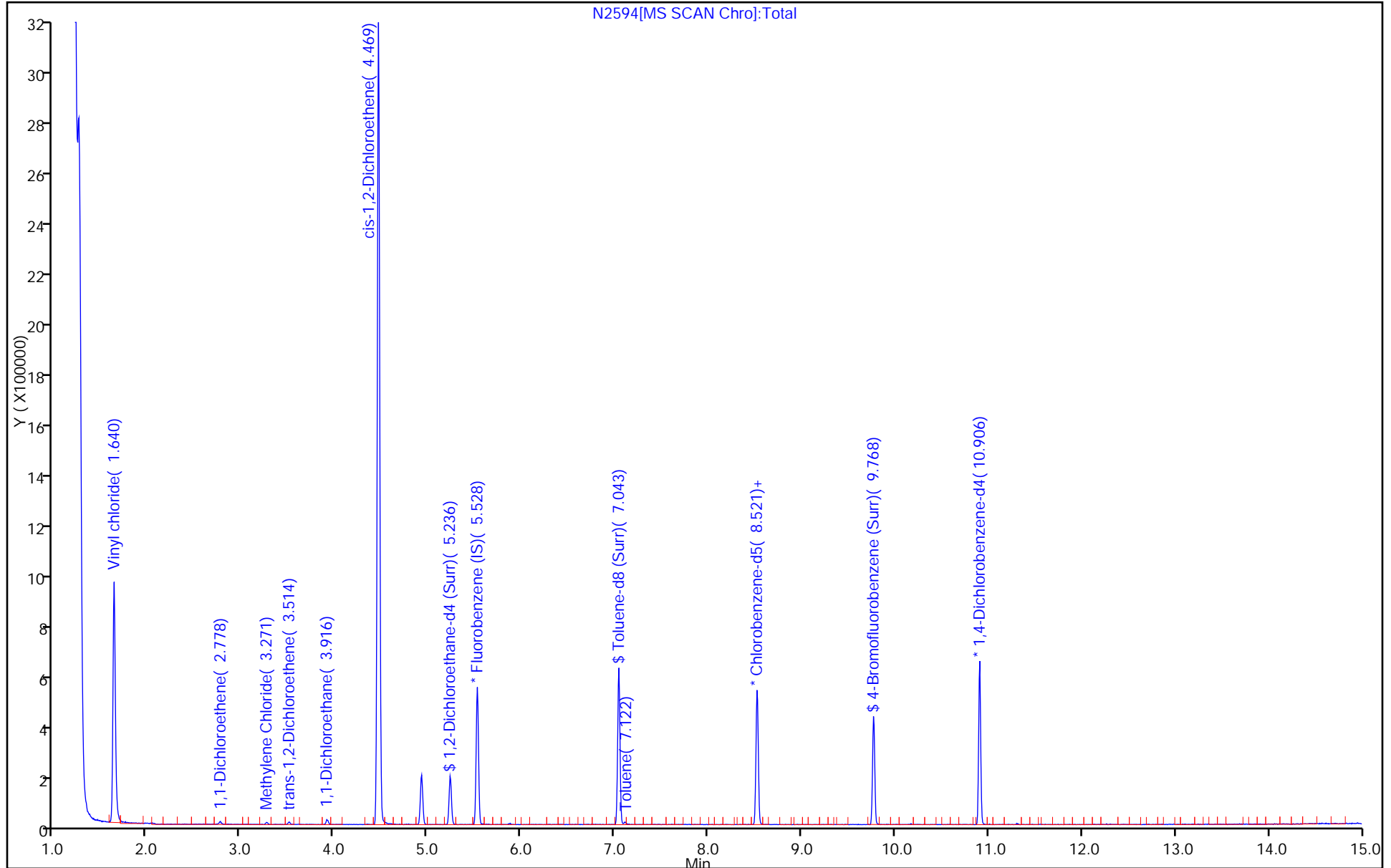
Dil. Factor: 100.0000

ALS Bottle#: 18

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2594.D

Injection Date: 18-Jan-2017 16:20:30

Instrument ID: HP5973N

Lims ID: 480-112334-A-7

Lab Sample ID: 480-112334-7

Client ID: MW-8R

Operator ID: nea

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

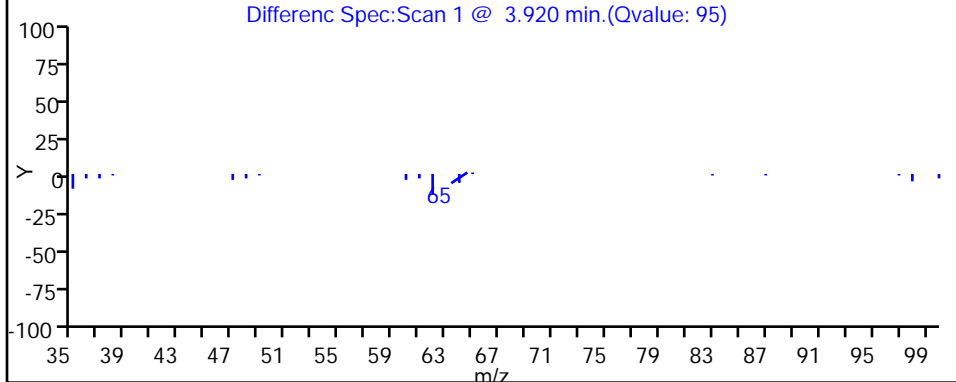
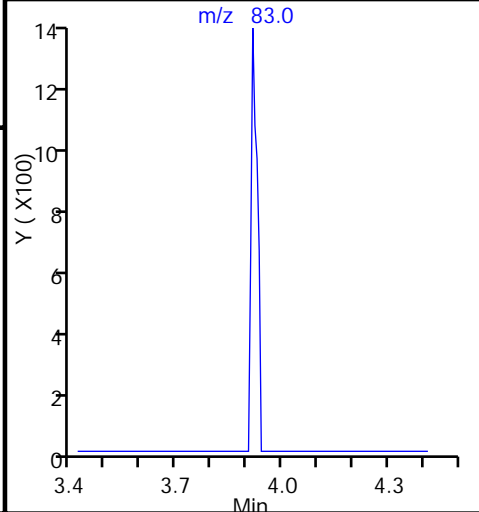
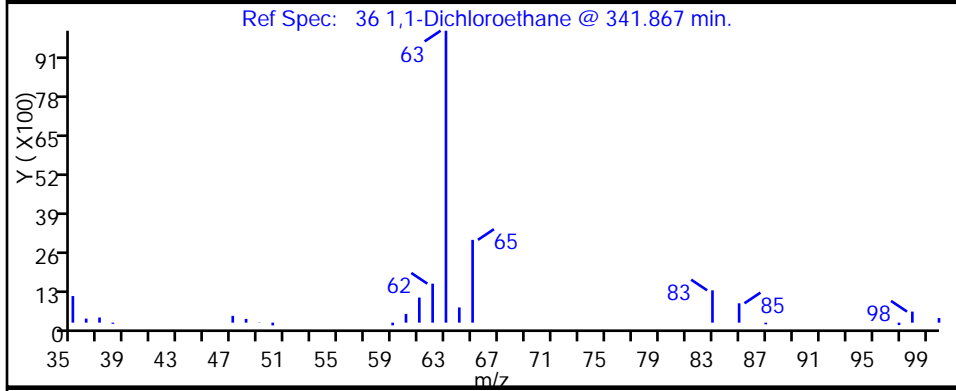
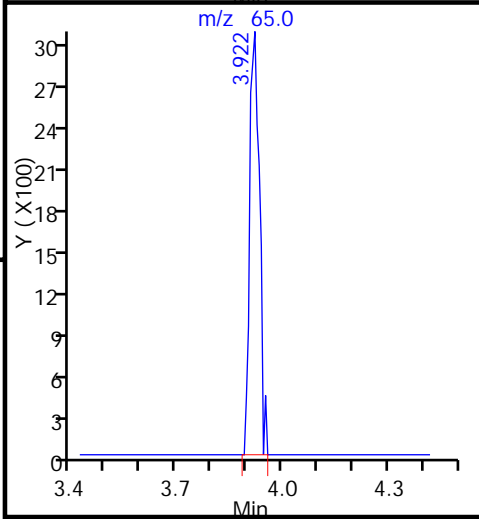
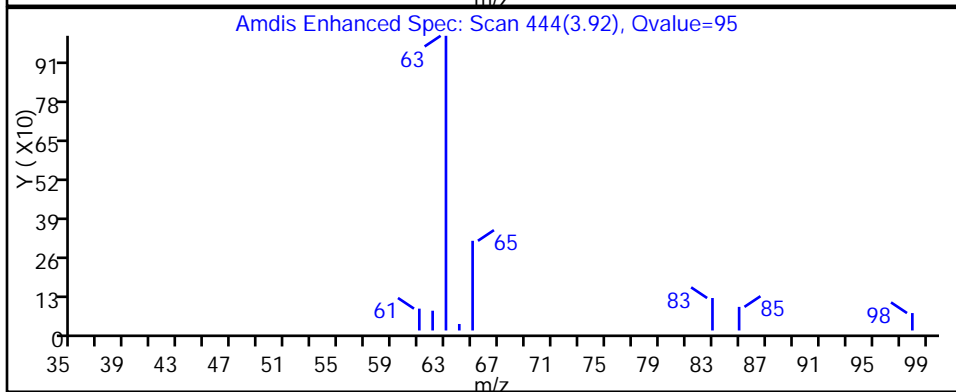
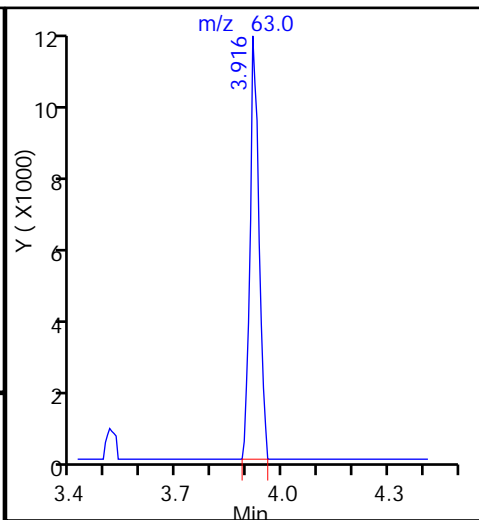
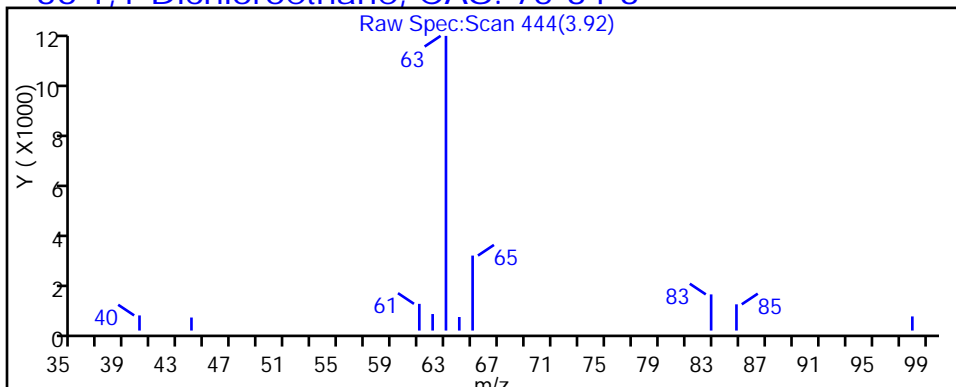
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2594.D

Injection Date: 18-Jan-2017 16:20:30

Instrument ID: HP5973N

Lims ID: 480-112334-A-7

Lab Sample ID: 480-112334-7

Client ID: MW-8R

Operator ID: nea

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

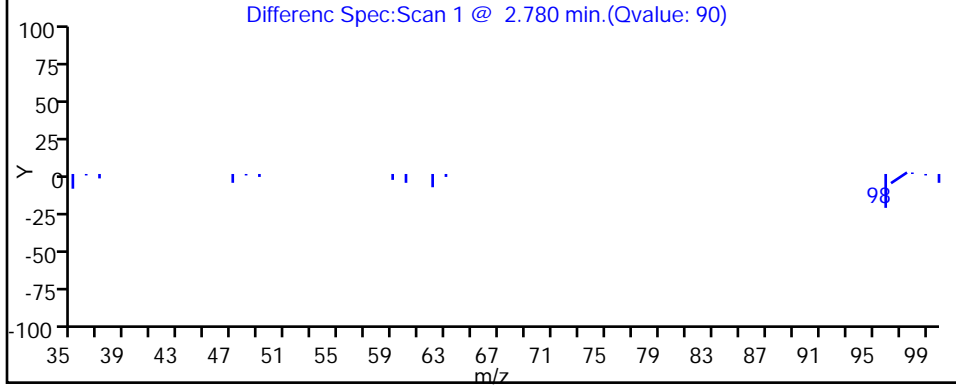
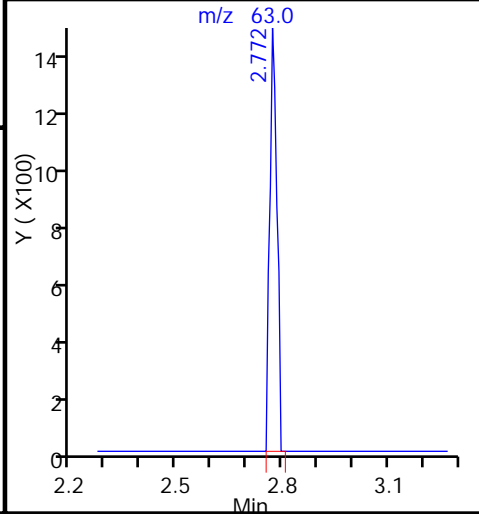
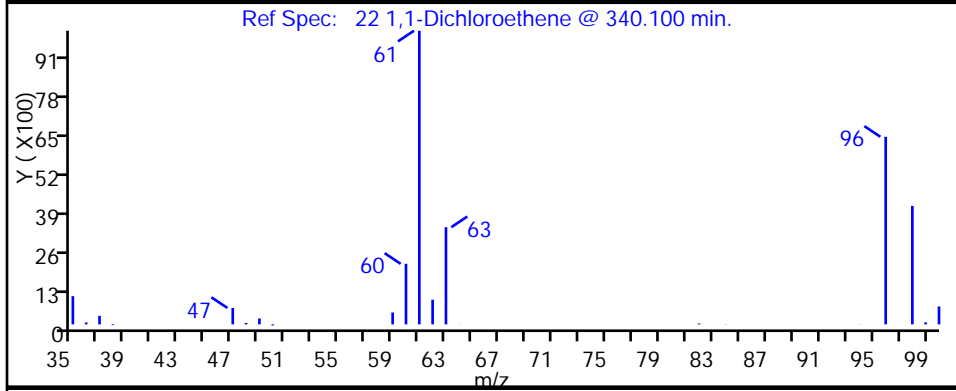
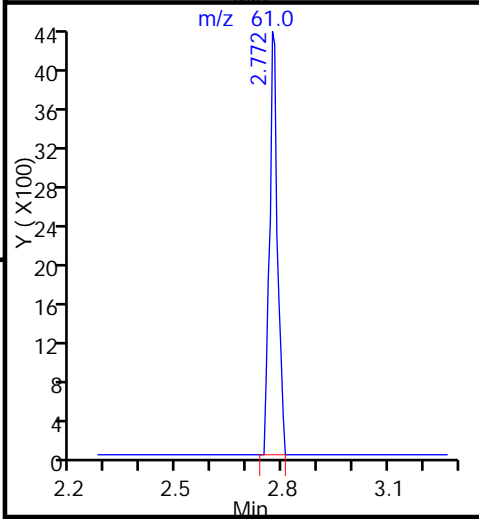
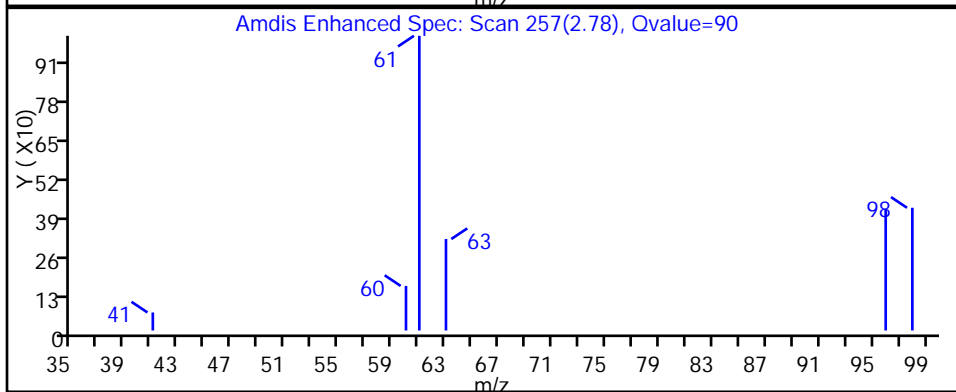
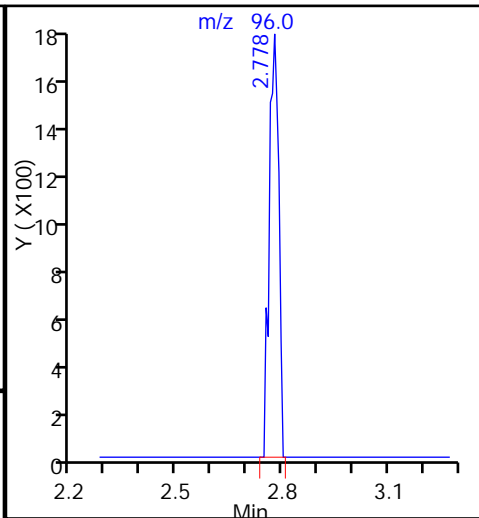
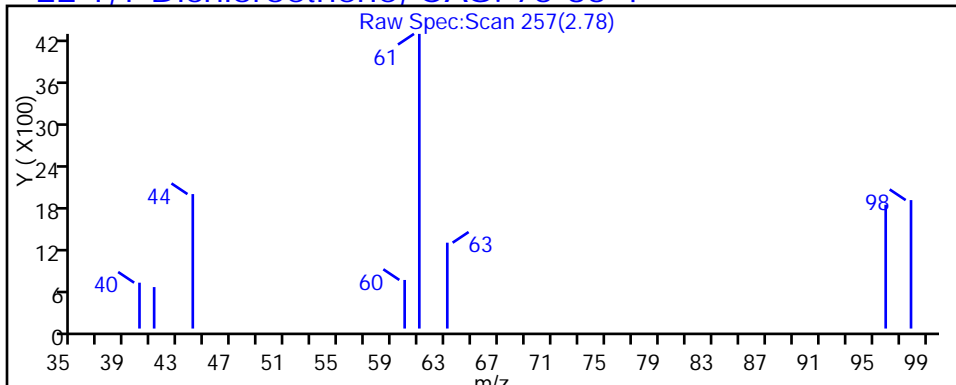
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2594.D

Injection Date: 18-Jan-2017 16:20:30

Instrument ID: HP5973N

Lims ID: 480-112334-A-7

Lab Sample ID: 480-112334-7

Client ID: MW-8R

Operator ID: nea

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

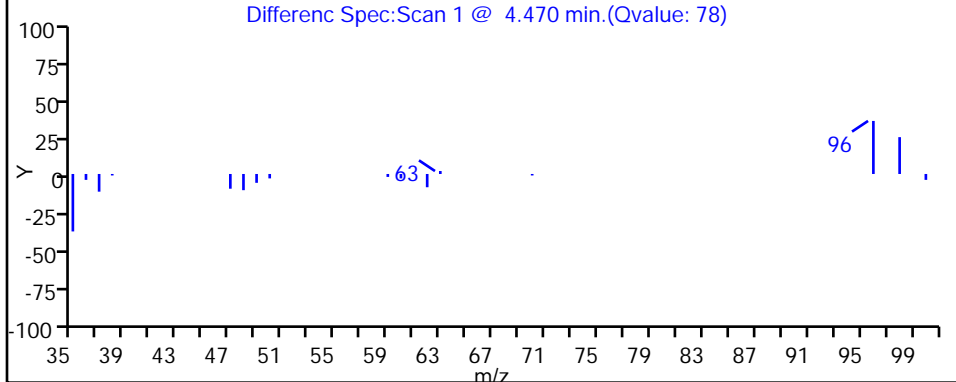
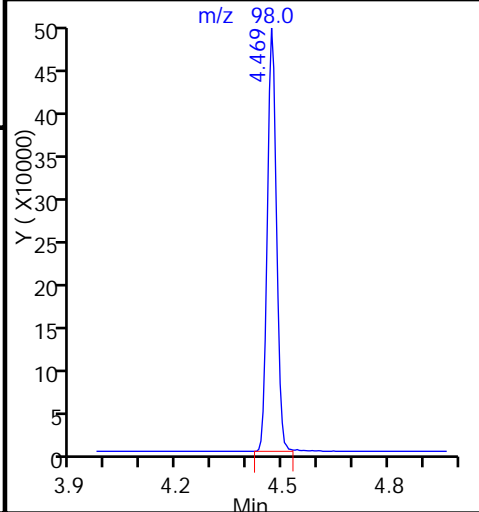
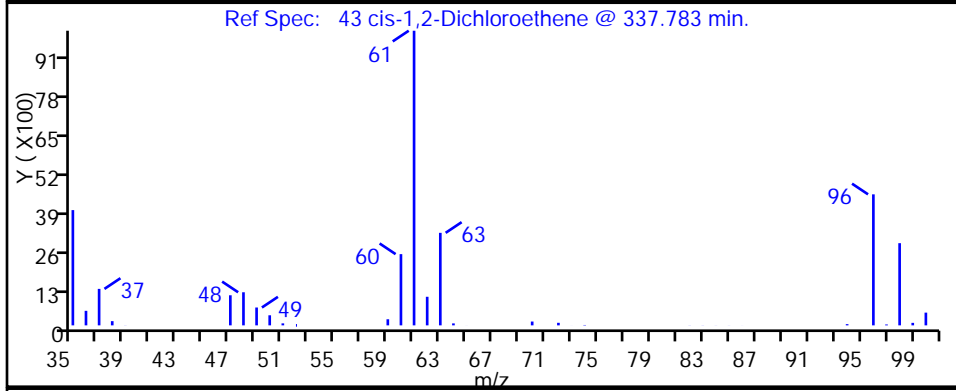
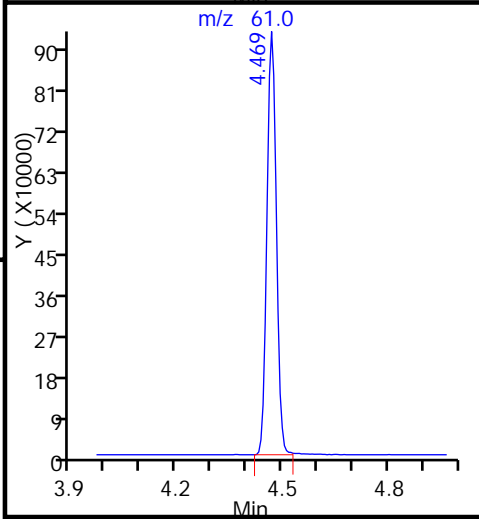
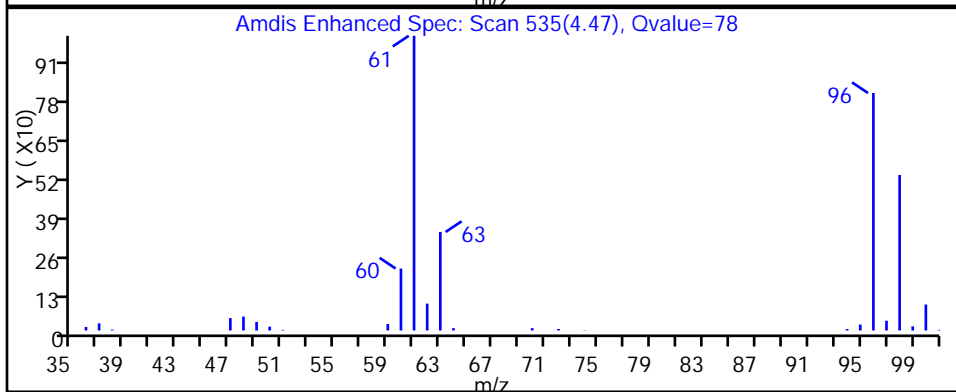
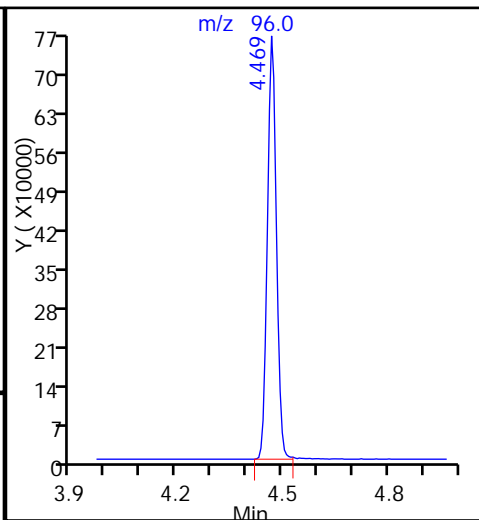
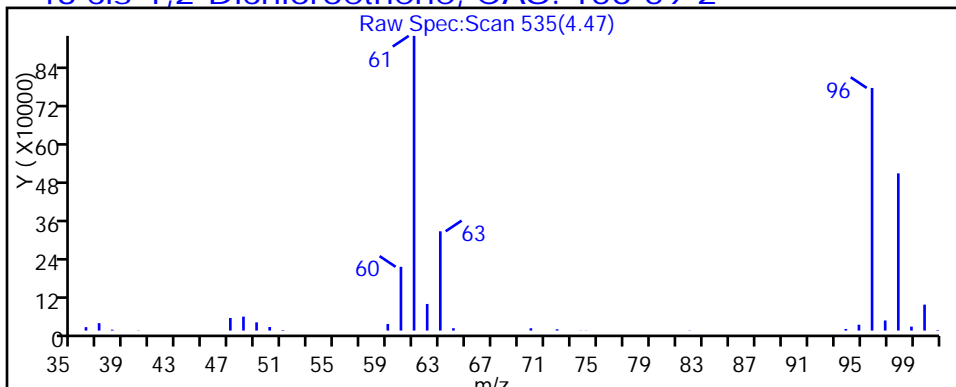
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2594.D

Injection Date: 18-Jan-2017 16:20:30

Instrument ID: HP5973N

Lims ID: 480-112334-A-7

Lab Sample ID: 480-112334-7

Client ID: MW-8R

Operator ID: nea

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

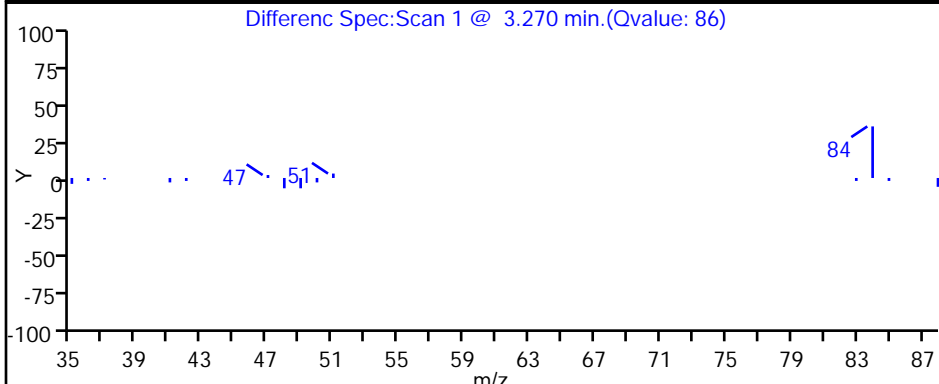
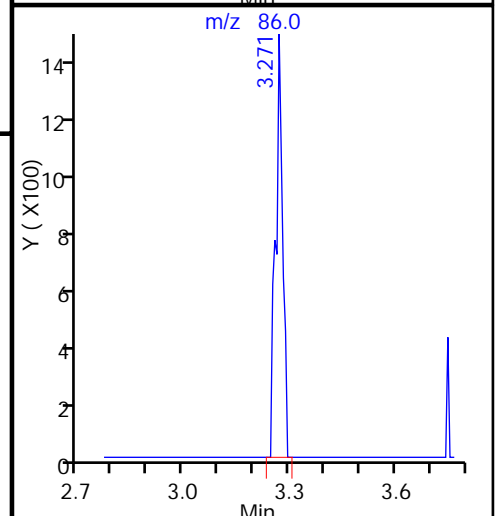
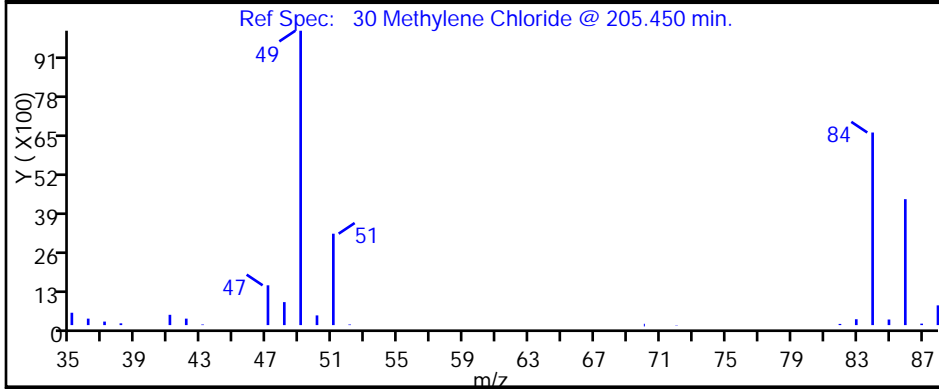
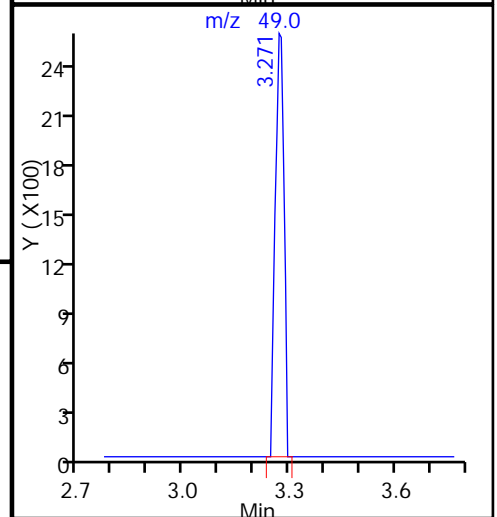
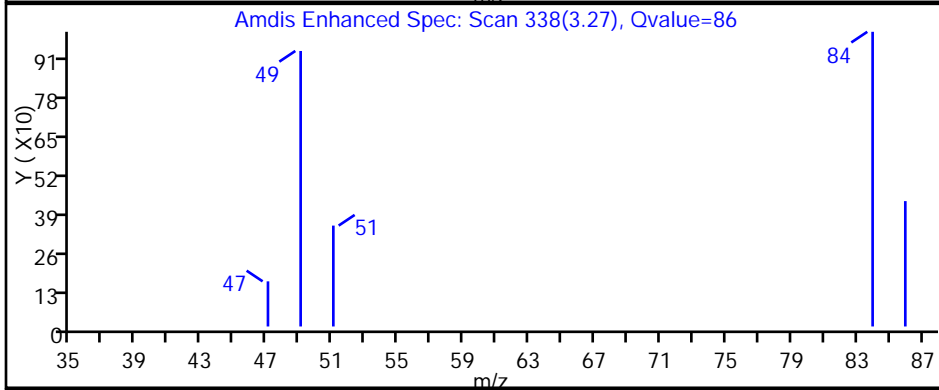
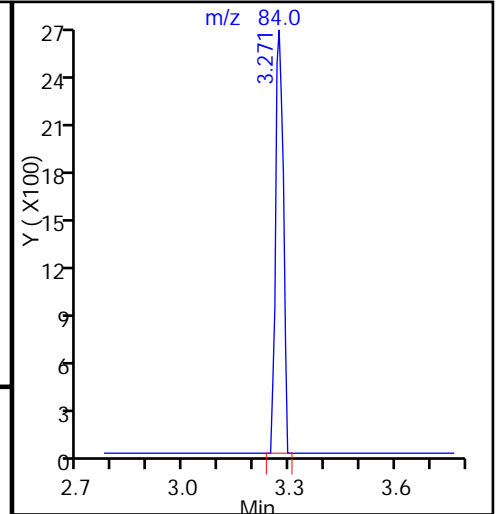
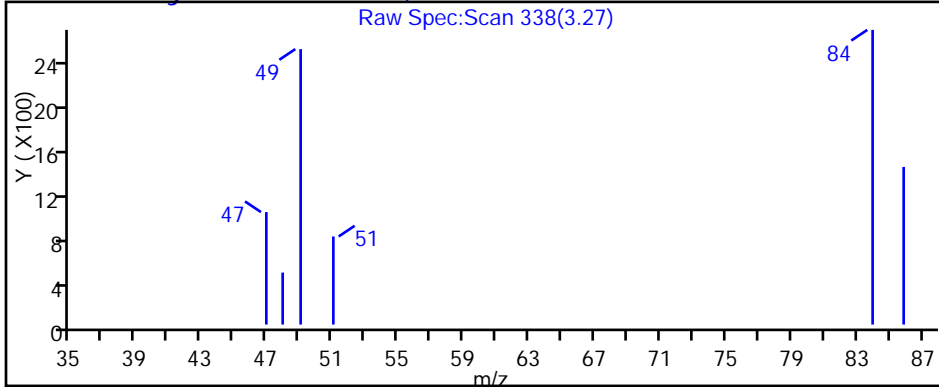
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2594.D

Injection Date: 18-Jan-2017 16:20:30

Instrument ID: HP5973N

Lims ID: 480-112334-A-7

Lab Sample ID: 480-112334-7

Client ID: MW-8R

Operator ID: nea

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

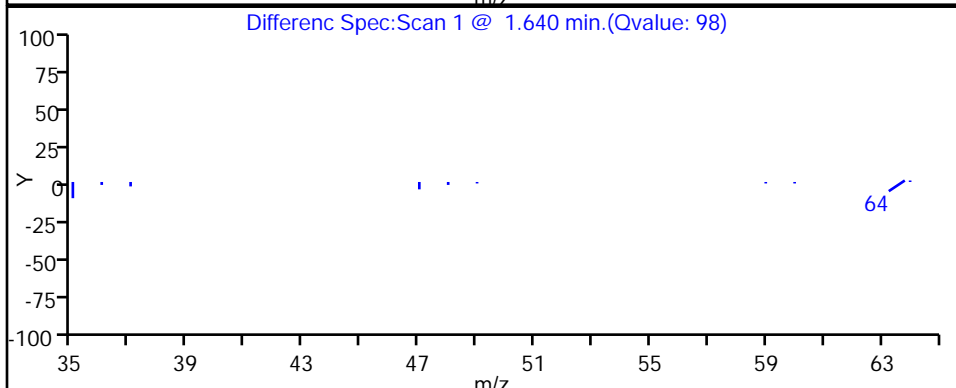
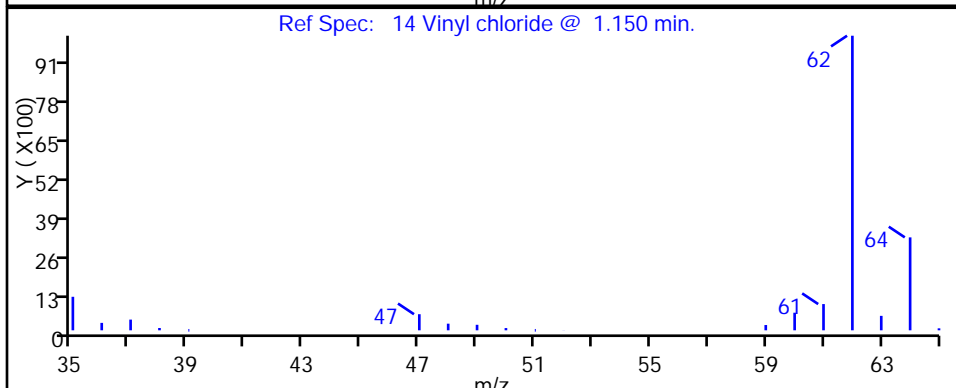
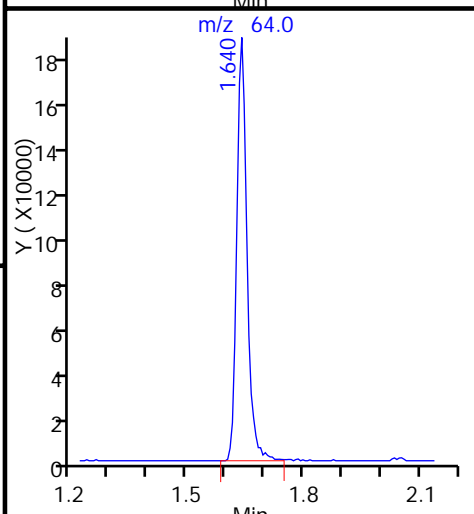
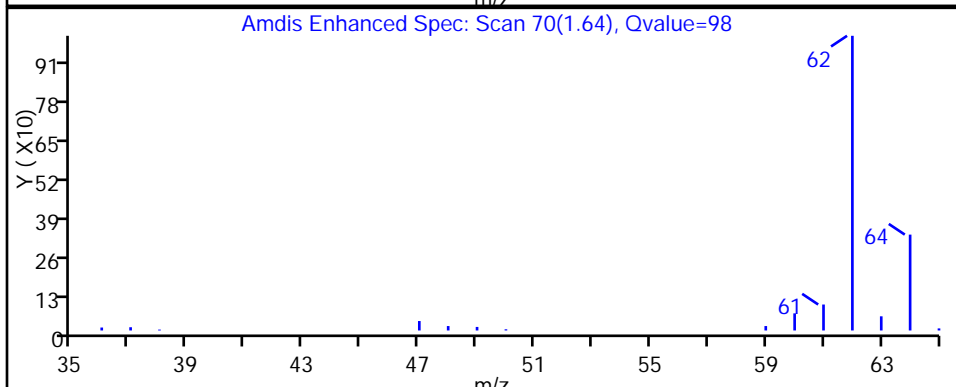
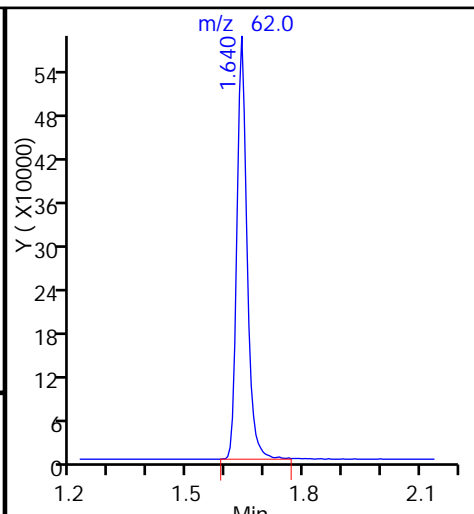
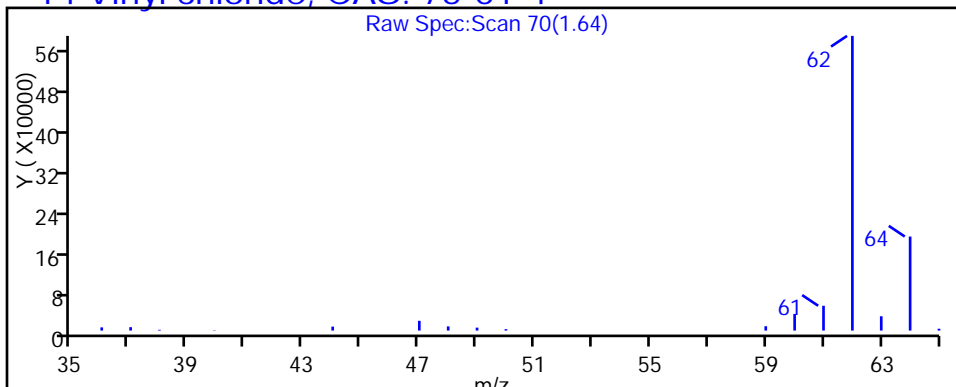
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



TestAmerica Buffalo

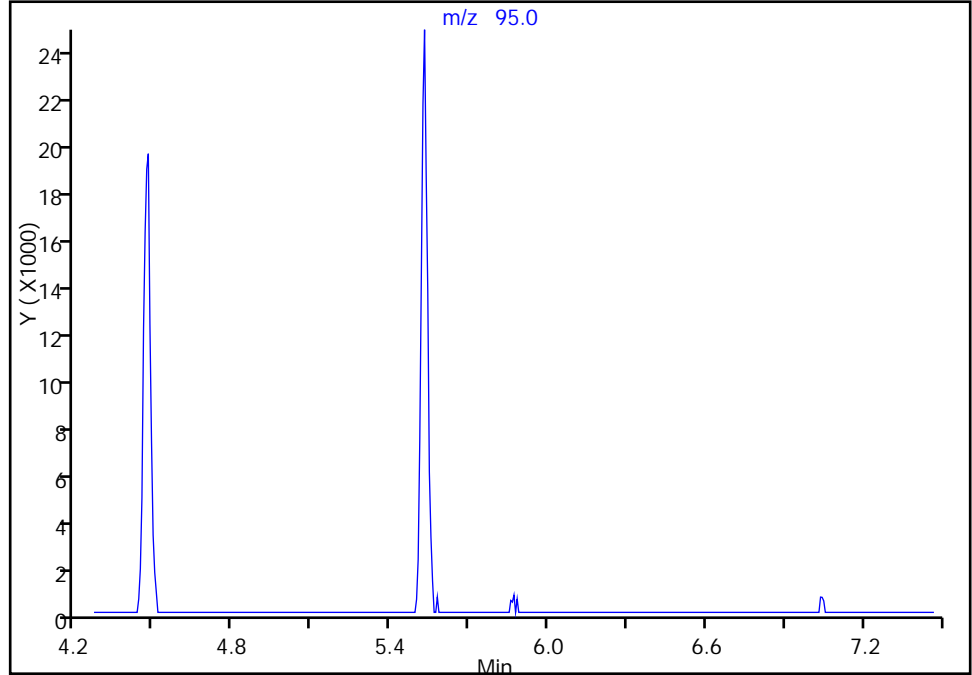
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2594.D
Injection Date: 18-Jan-2017 16:20:30 Instrument ID: HP5973N
Lims ID: 480-112334-A-7 Lab Sample ID: 480-112334-7
Client ID: MW-8R
Operator ID: nea ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

60 Trichloroethene, CAS: 79-01-6

Signal: 1

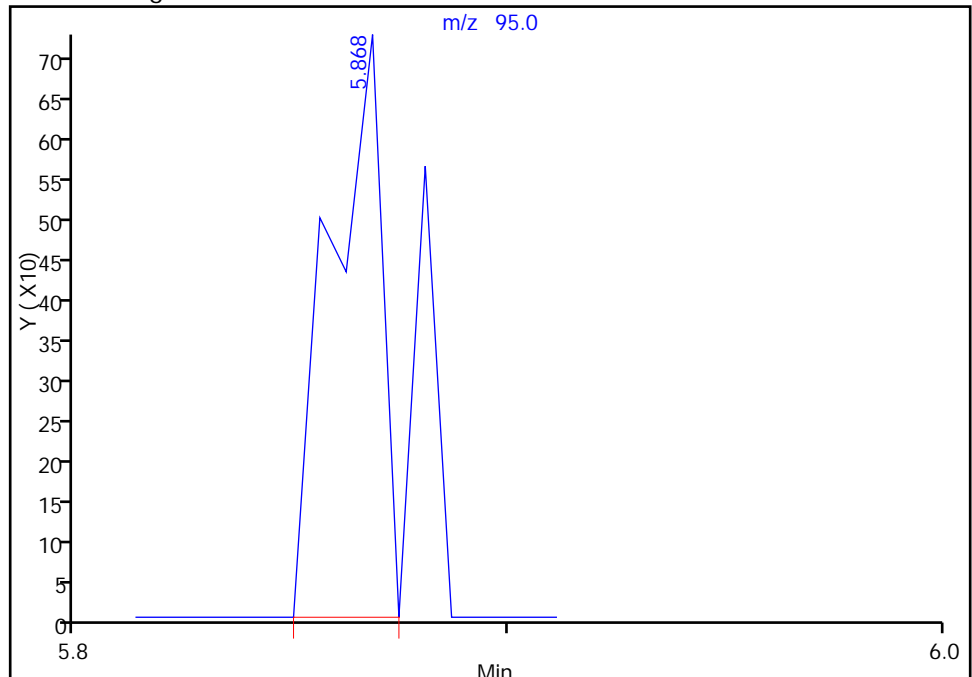
Not Detected
Expected RT: 5.87

Processing Integration Results



Manual Integration Results

RT: 5.87
Area: 600
Amount: 0.124144
Amount Units: ug/L



Reviewer: youngmans, 18-Jan-2017 17:51:29
Audit Action: Assigned Compound ID

Audit Reason: Missed Peak

TestAmerica Buffalo

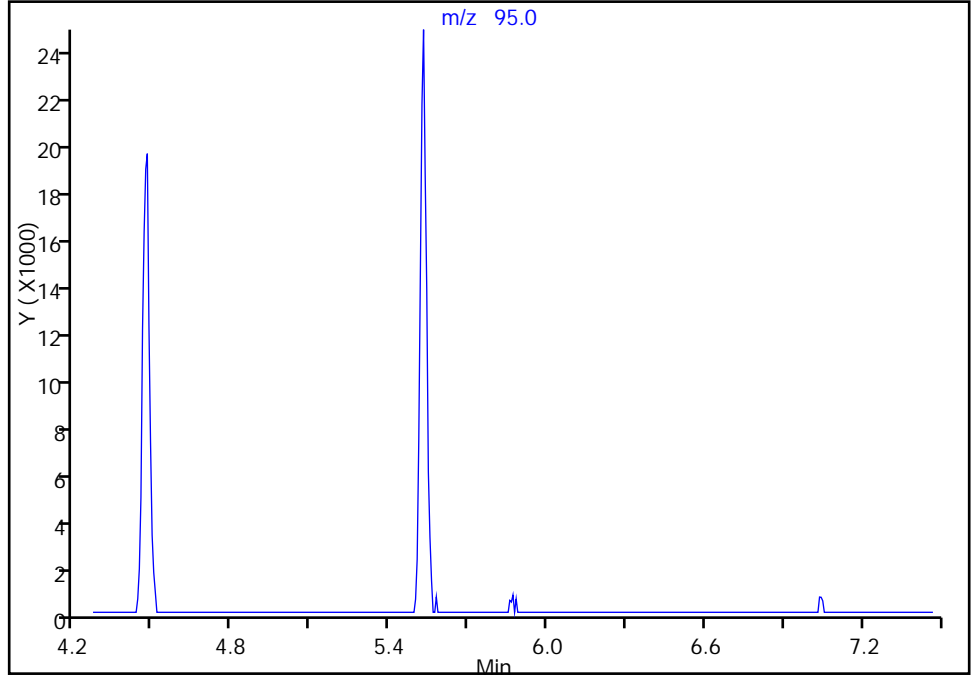
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2594.D
Injection Date: 18-Jan-2017 16:20:30 Instrument ID: HP5973N
Lims ID: 480-112334-A-7 Lab Sample ID: 480-112334-7
Client ID: MW-8R
Operator ID: nea ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

60 Trichloroethene, CAS: 79-01-6

Signal: 1

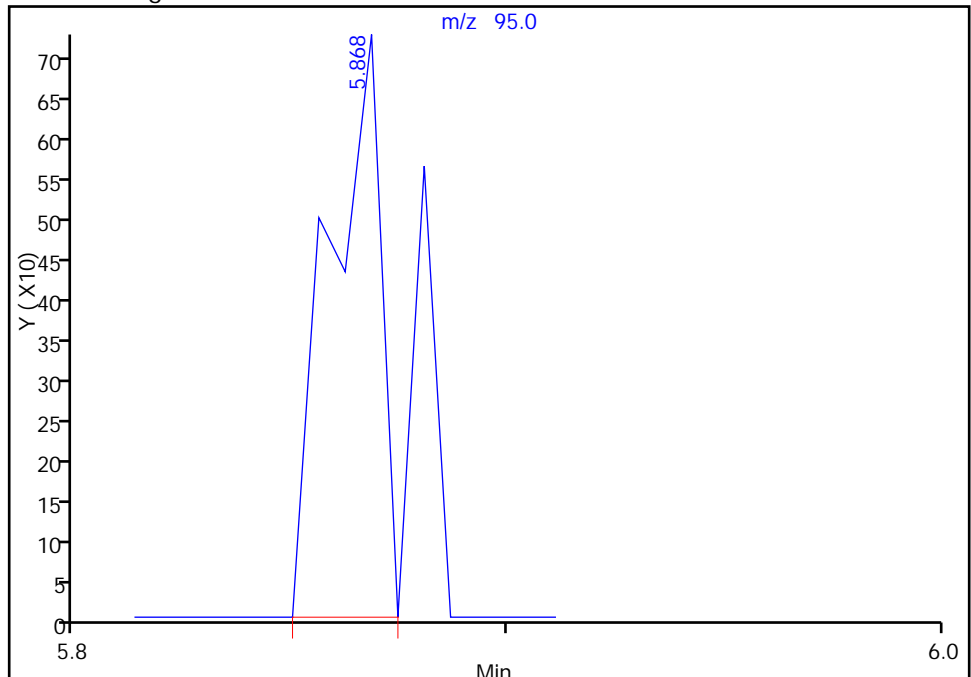
Not Detected
Expected RT: 5.87

Processing Integration Results



Manual Integration Results

RT: 5.87
Area: 600
Amount: 0.124144
Amount Units: ug/L



Reviewer: youngmans, 18-Jan-2017 17:51:29

Audit Action: Manually Integrated

Audit Reason: Missed Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-8R DL Lab Sample ID: 480-112334-7 DL
 Matrix: Water Lab File ID: N2627.D
 Analysis Method: 8260C Date Collected: 01/17/2017 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 12:44
 Soil Aliquot Vol: _____ Dilution Factor: 400
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		400	330
79-34-5	1,1,2,2-Tetrachloroethane	ND		400	84
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		400	120
79-00-5	1,1,2-Trichloroethane	ND		400	92
75-34-3	1,1-Dichloroethane	170	J	400	150
75-35-4	1,1-Dichloroethene	ND		400	120
120-82-1	1,2,4-Trichlorobenzene	ND		400	160
96-12-8	1,2-Dibromo-3-Chloropropane	ND		400	160
106-93-4	1,2-Dibromoethane	ND		400	290
95-50-1	1,2-Dichlorobenzene	ND		400	320
107-06-2	1,2-Dichloroethane	ND		400	84
78-87-5	1,2-Dichloropropane	ND		400	290
541-73-1	1,3-Dichlorobenzene	ND		400	310
106-46-7	1,4-Dichlorobenzene	ND		400	340
78-93-3	2-Butanone (MEK)	ND		4000	530
591-78-6	2-Hexanone	ND		2000	500
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		2000	840
67-64-1	Acetone	ND		4000	1200
71-43-2	Benzene	ND		400	160
75-27-4	Bromodichloromethane	ND		400	160
75-25-2	Bromoform	ND		400	100
74-83-9	Bromomethane	ND		400	280
75-15-0	Carbon disulfide	ND		400	76
56-23-5	Carbon tetrachloride	ND		400	110
108-90-7	Chlorobenzene	ND		400	300
75-00-3	Chloroethane	ND		400	130
67-66-3	Chloroform	ND		400	140
74-87-3	Chloromethane	ND		400	140
156-59-2	cis-1,2-Dichloroethene	24000		400	320
10061-01-5	cis-1,3-Dichloropropene	ND		400	140
110-82-7	Cyclohexane	ND		400	72
124-48-1	Dibromochloromethane	ND		400	130
75-71-8	Dichlorodifluoromethane	ND		400	270
100-41-4	Ethylbenzene	ND		400	300
98-82-8	Isopropylbenzene	ND		400	320

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-8R DL Lab Sample ID: 480-112334-7 DL
 Matrix: Water Lab File ID: N2627.D
 Analysis Method: 8260C Date Collected: 01/17/2017 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 12:44
 Soil Aliquot Vol: _____ Dilution Factor: 400
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1000	520
1634-04-4	Methyl tert-butyl ether	ND		400	64
108-87-2	Methylcyclohexane	ND		400	64
75-09-2	Methylene Chloride	ND		400	180
100-42-5	Styrene	ND		400	290
127-18-4	Tetrachloroethene	ND		400	140
108-88-3	Toluene	ND		400	200
156-60-5	trans-1,2-Dichloroethene	ND		400	360
10061-02-6	trans-1,3-Dichloropropene	ND		400	150
79-01-6	Trichloroethene	ND		400	180
75-69-4	Trichlorofluoromethane	ND		400	350
75-01-4	Vinyl chloride	18000		400	360
1330-20-7	Xylenes, Total	ND		800	260

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	95		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2627.D
 Lims ID: 480-112334-B-7
 Client ID: MW-8R
 Sample Type: Client
 Inject. Date: 19-Jan-2017 12:44:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 400.0000
 Sample Info: 480-112334-B-7
 Misc. Info.: 480-0059868-009
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-Jan-2017 17:16:46 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: youngmans

Date: 19-Jan-2017 17:16:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	90256	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	344975	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	94	180105	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	127633	25.9	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	91	419808	23.8	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	95	144457	24.2	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.519				ND	
14 Vinyl chloride	62	1.634	1.628	0.006	98	275269	44.7	
15 Bromomethane	94		1.932				ND	
16 Chloroethane	64		2.042				ND	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96	2.778	2.778	0.006	1	830	0.1625	M
21 1,1,2-Trichloro-1,2,2-trif	101		2.784				ND	
23 Acetone	43		2.863				ND	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.167				ND	
30 Methylene Chloride	84	3.265	3.265	0.000	33	2018	0.3447	
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96		3.508				ND	
36 1,1-Dichloroethane	63	3.922	3.916	0.006	8	4193	0.4153	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	79	355168	59.9	
44 2-Butanone (MEK)	43		4.494				ND	
50 Chloroform	83		4.773				ND	
51 1,1,1-Trichloroethane	97		4.907				ND	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95		5.875				ND	
62 Methylcyclohexane	83		6.014				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.379				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92		7.103				ND	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.649				ND	
90 m-Xylene & p-Xylene	106		8.776				ND	
91 o-Xylene	106		9.196				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.585				ND	
98 1,1,2,2-Tetrachloroethane	83		9.951				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.930				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.995				ND	
119 1,2,4-Trichlorobenzene	180		12.682				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00237

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2627.D

Injection Date: 19-Jan-2017 12:44:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-B-7

Lab Sample ID: 480-112334-7

Worklist Smp#: 9

Client ID: MW-8R

Purge Vol: 5.000 mL

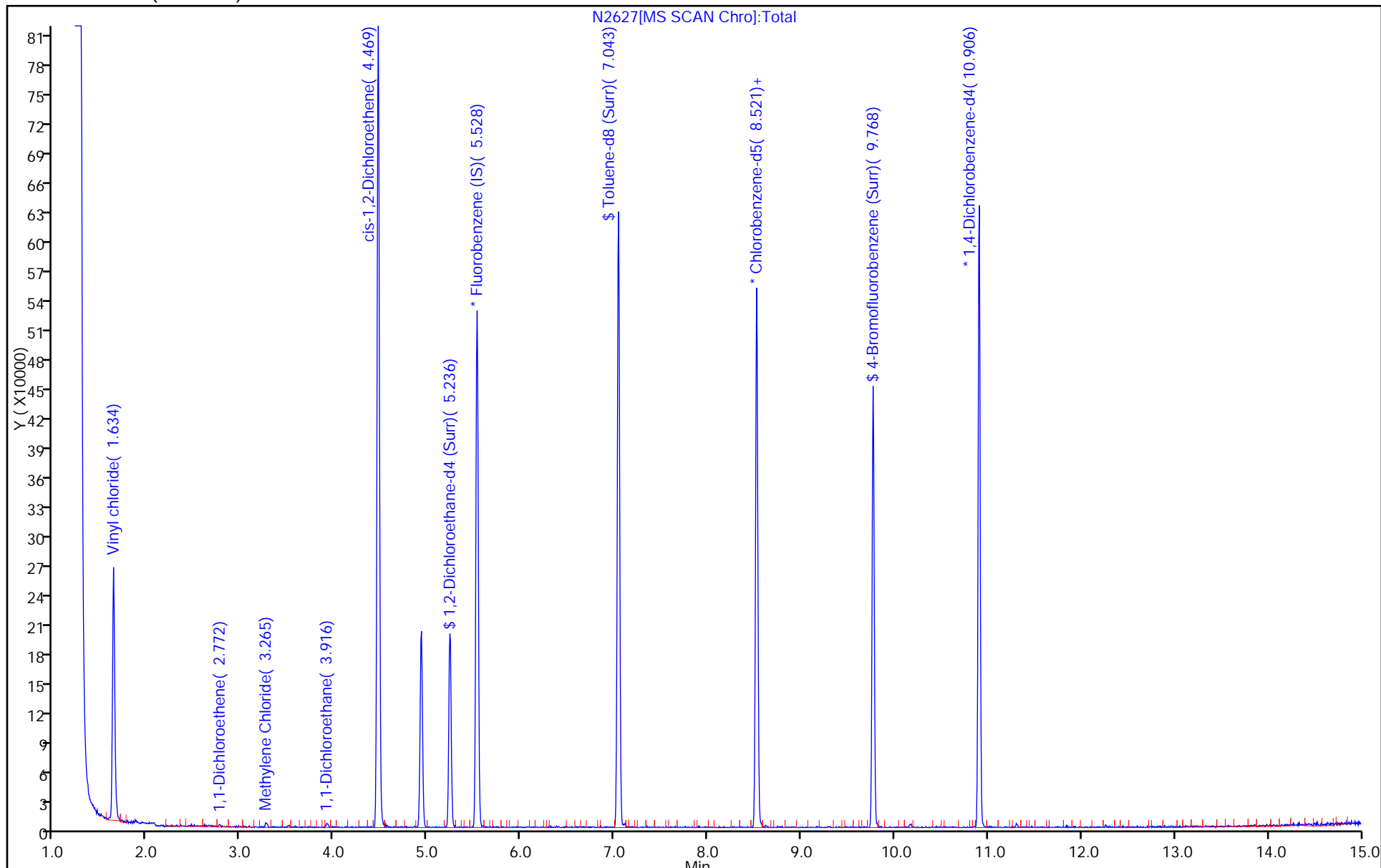
Dil. Factor: 400.0000

ALS Bottle#: 9

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2627.D

Injection Date: 19-Jan-2017 12:44:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-7

Lab Sample ID: 480-112334-7

Client ID: MW-8R

Operator ID: nea

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 400.0000

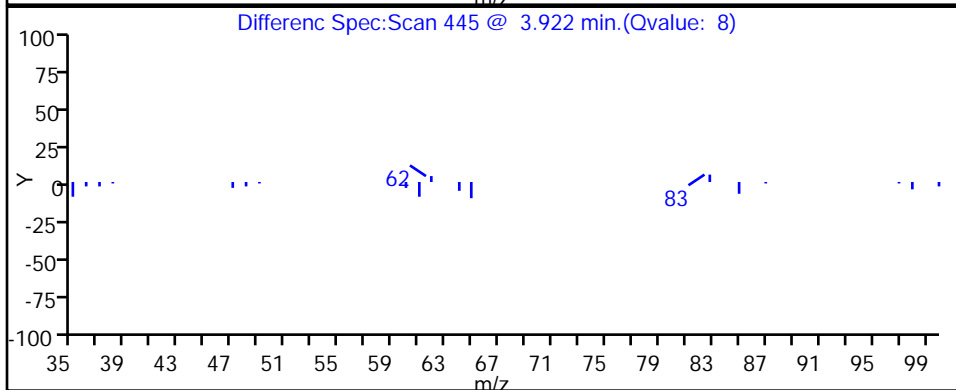
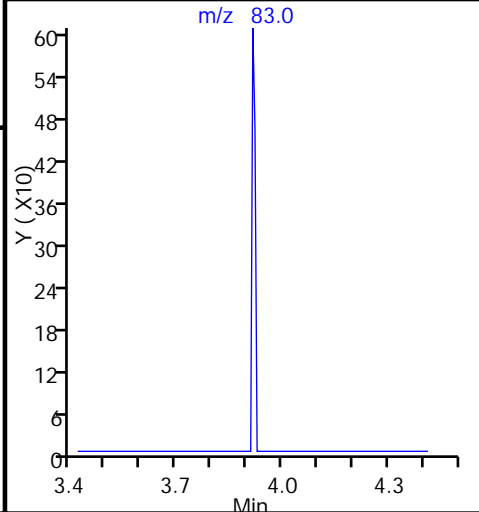
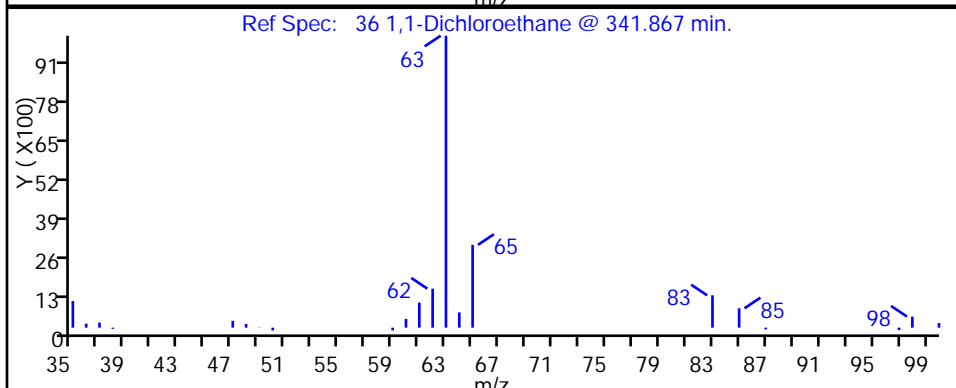
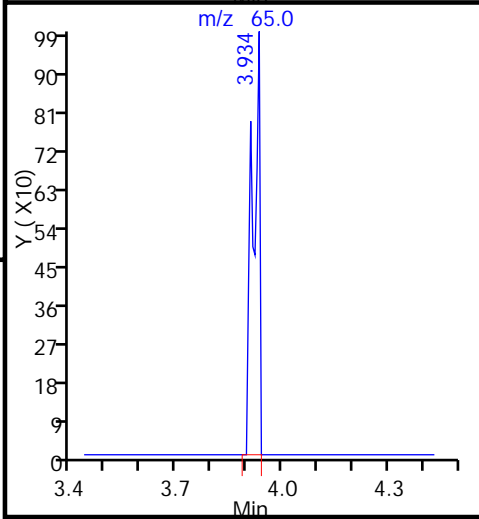
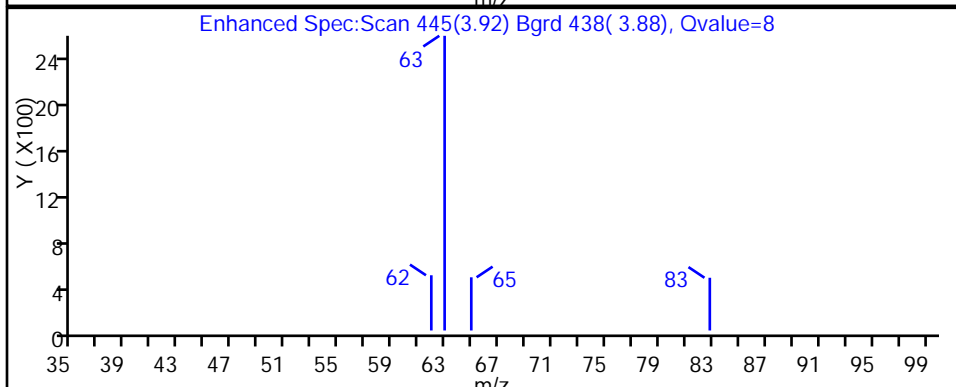
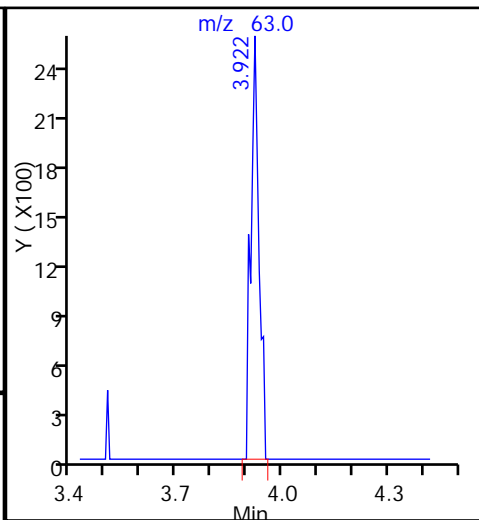
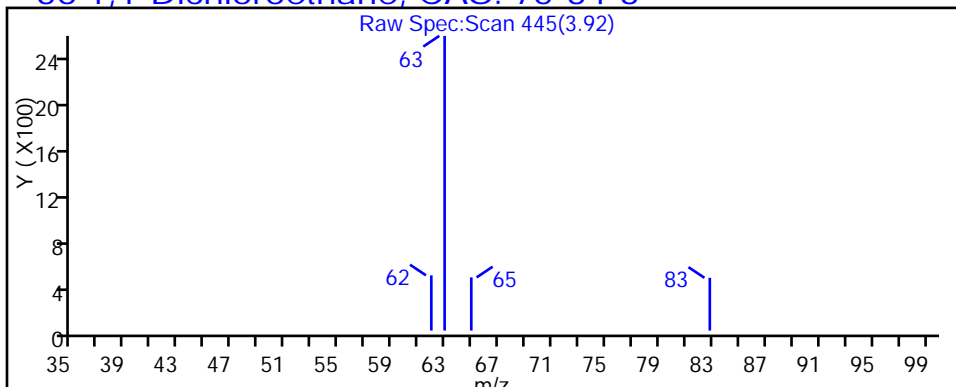
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2627.D

Injection Date: 19-Jan-2017 12:44:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-7

Lab Sample ID: 480-112334-7

Client ID: MW-8R

Operator ID: nea

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 400.0000

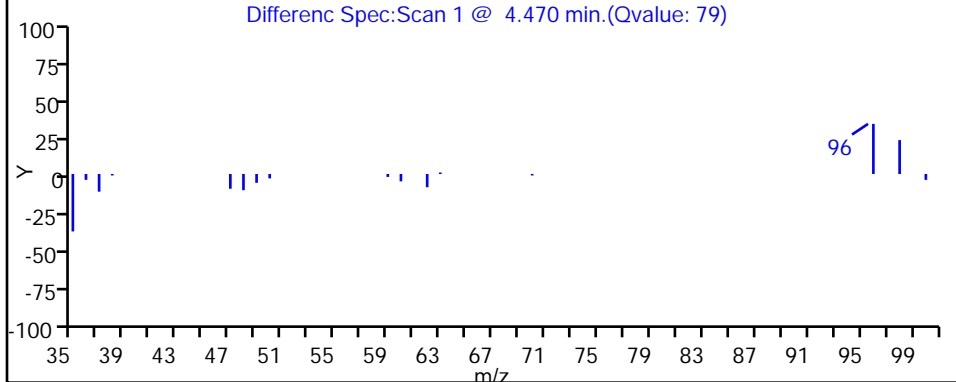
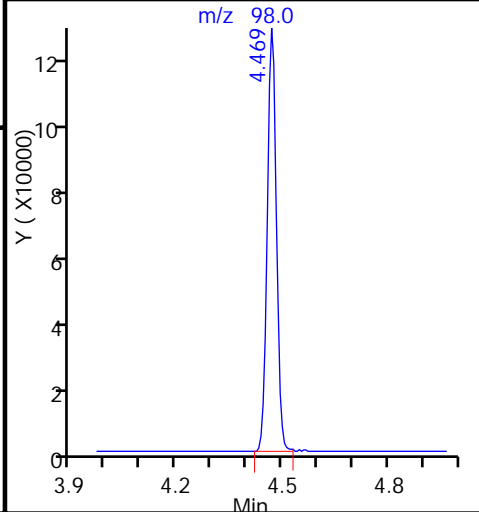
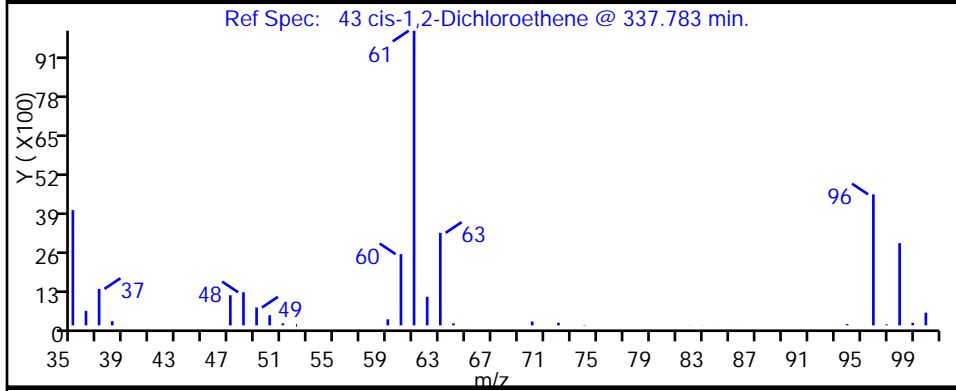
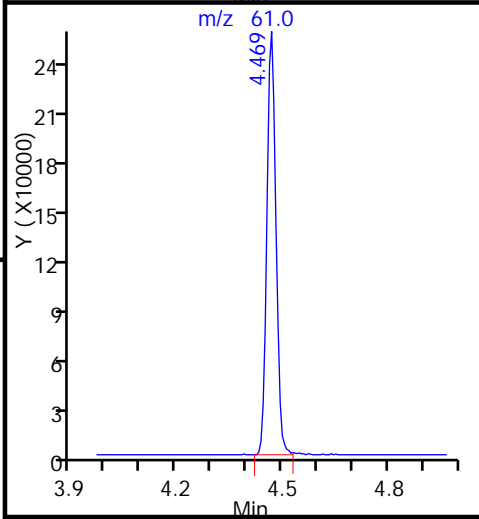
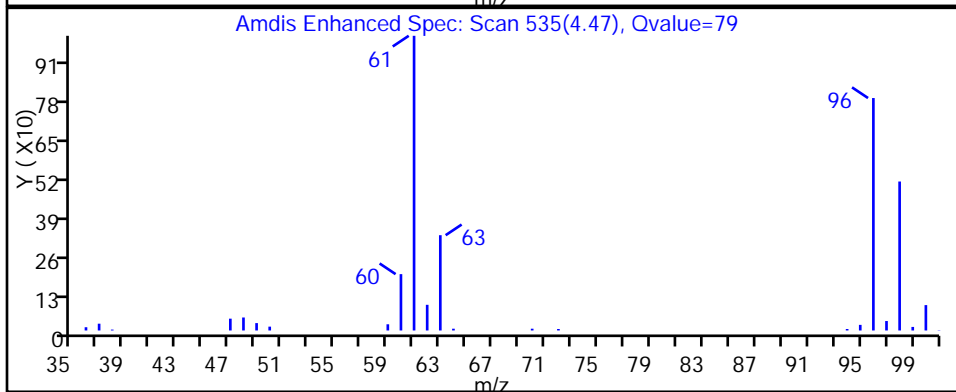
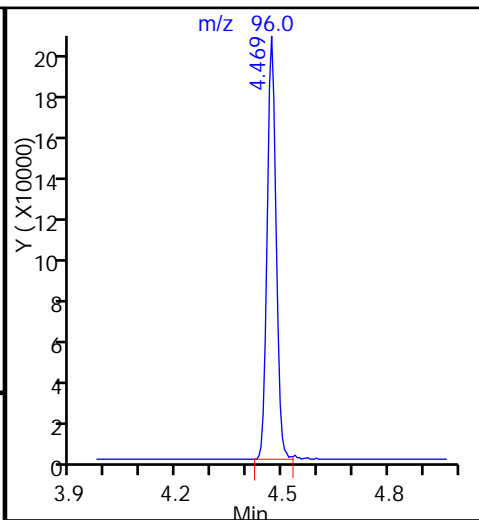
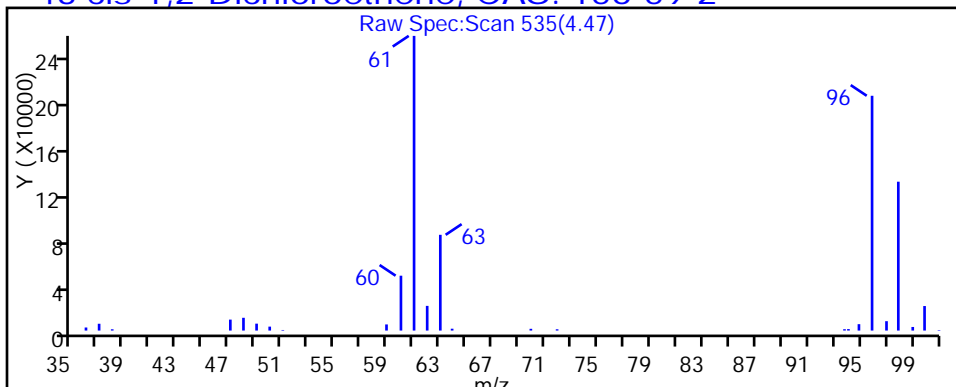
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2627.D

Injection Date: 19-Jan-2017 12:44:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-7

Lab Sample ID: 480-112334-7

Client ID: MW-8R

Operator ID: nea

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 400.0000

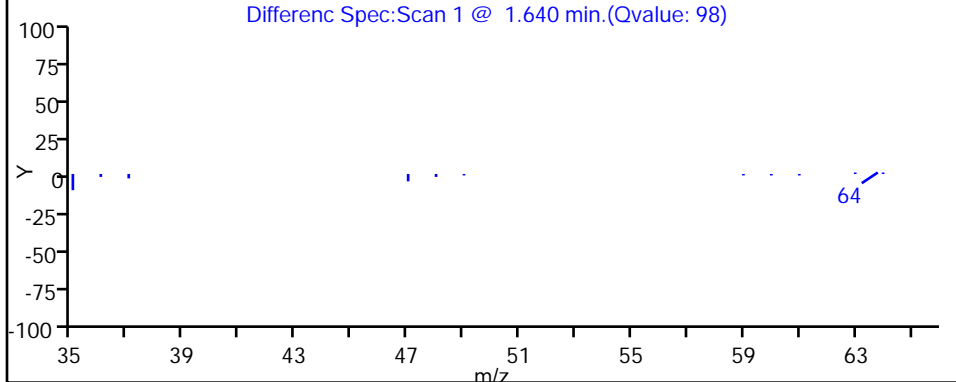
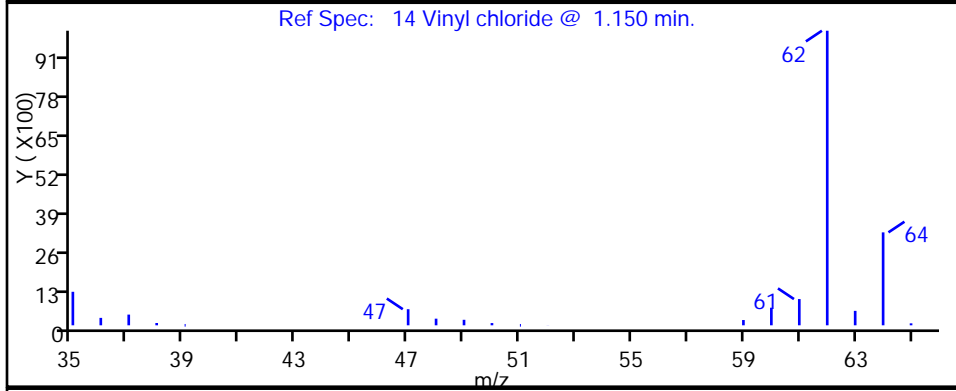
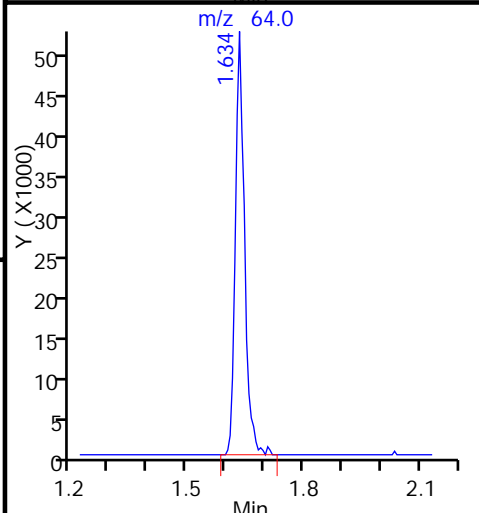
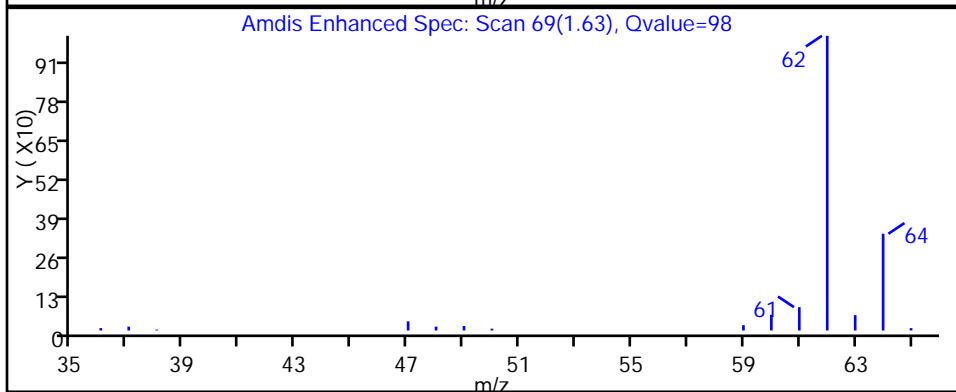
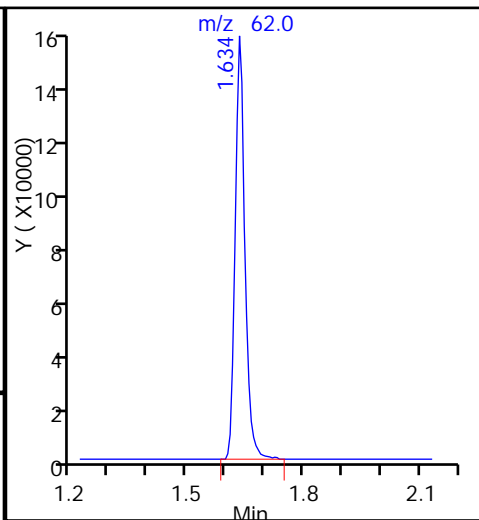
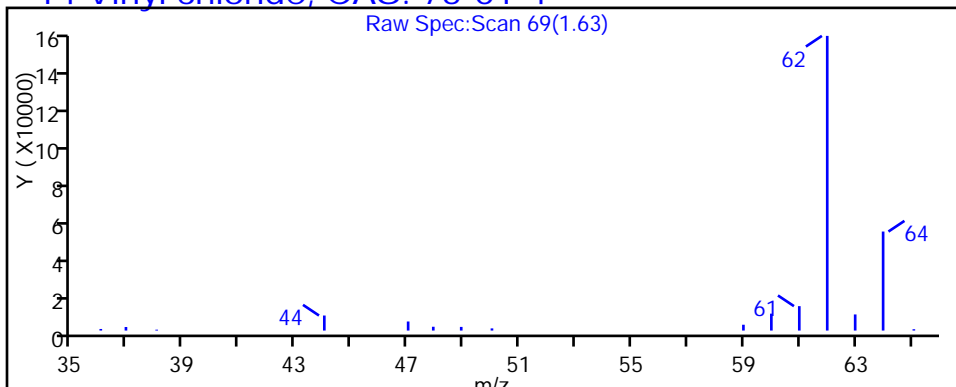
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



TestAmerica Buffalo

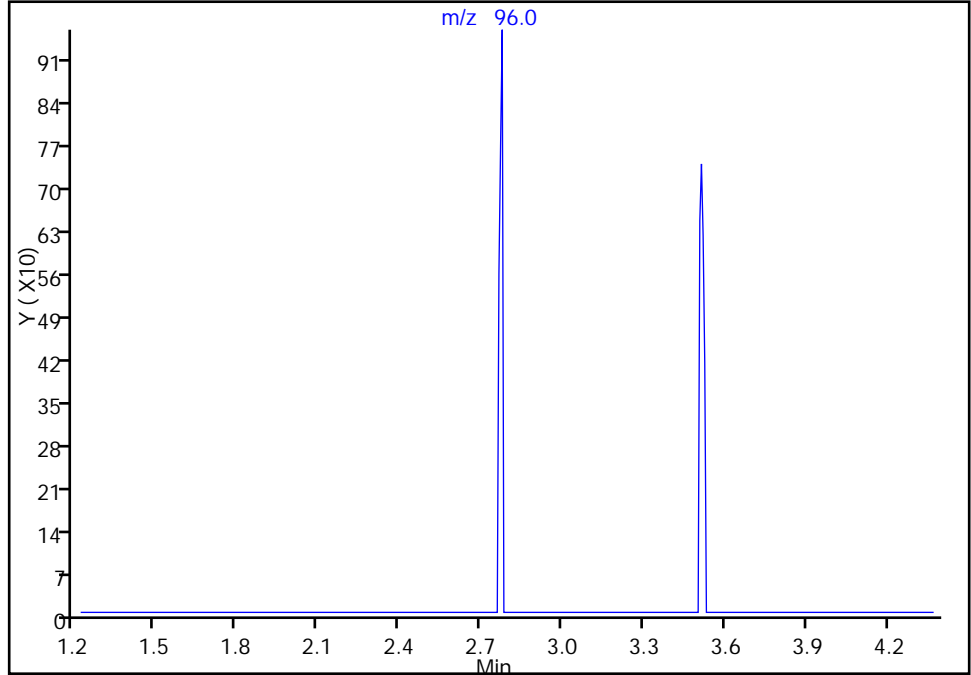
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2627.D
Injection Date: 19-Jan-2017 12:44:30 Instrument ID: HP5973N
Lims ID: 480-112334-B-7 Lab Sample ID: 480-112334-7
Client ID: MW-8R
Operator ID: nea ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 400.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

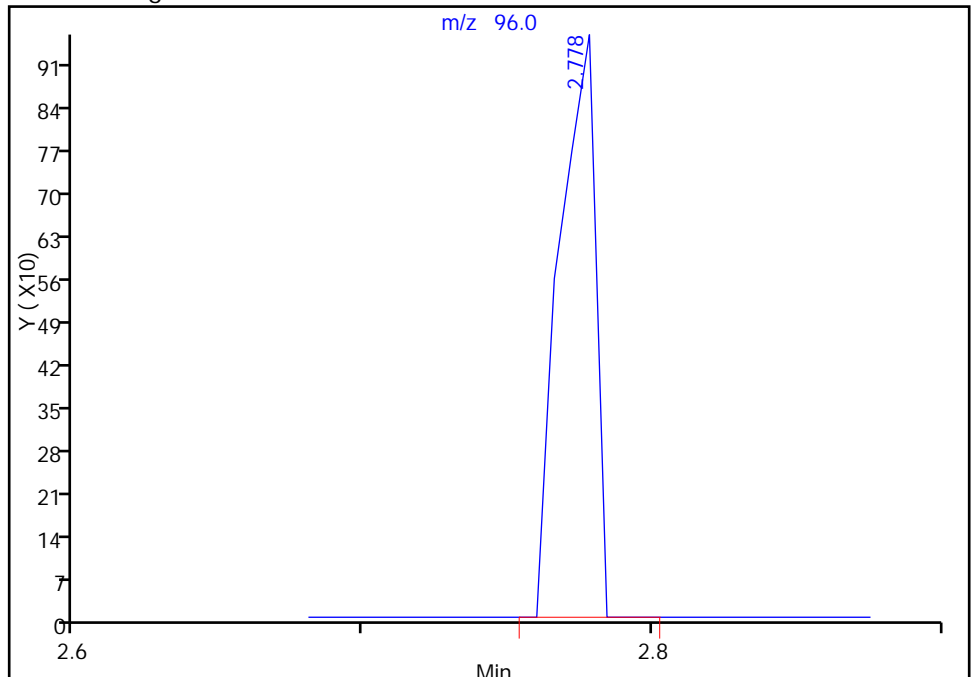
Not Detected
Expected RT: 2.77

Processing Integration Results



RT: 2.78
Area: 830
Amount: 0.162540
Amount Units: ug/L

Manual Integration Results



Reviewer: youngmans, 19-Jan-2017 17:16:46
Audit Action: Assigned Compound ID

Audit Reason: Missed Peak

TestAmerica Buffalo

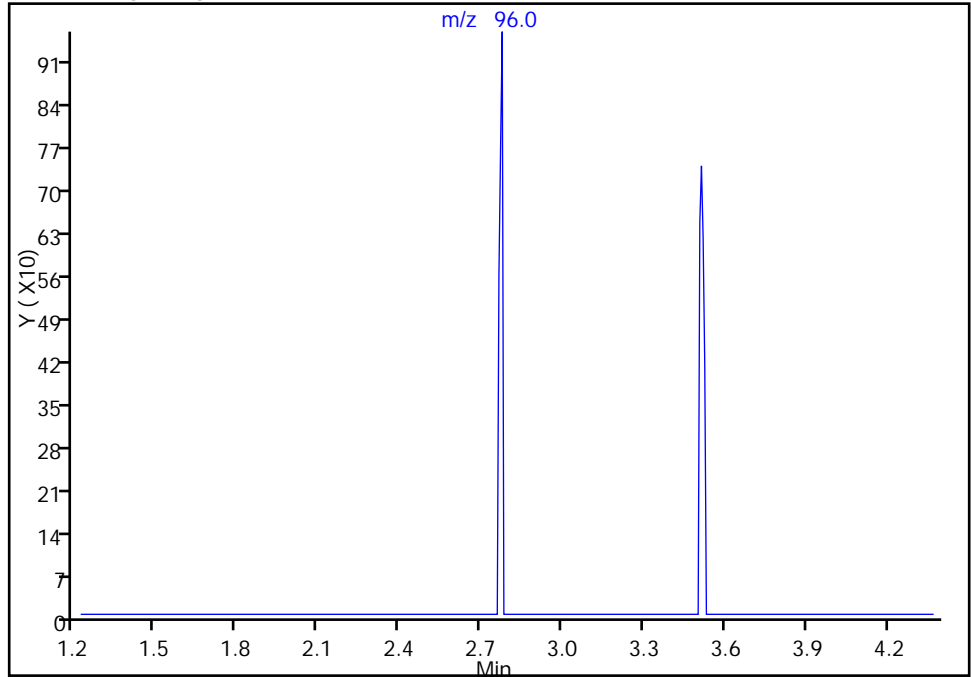
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Injection Date: 19-Jan-2017 12:44:30 Instrument ID: HP5973N
Lims ID: 480-112334-B-7 Lab Sample ID: 480-112334-7
Client ID: MW-8R
Operator ID: nea ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 400.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

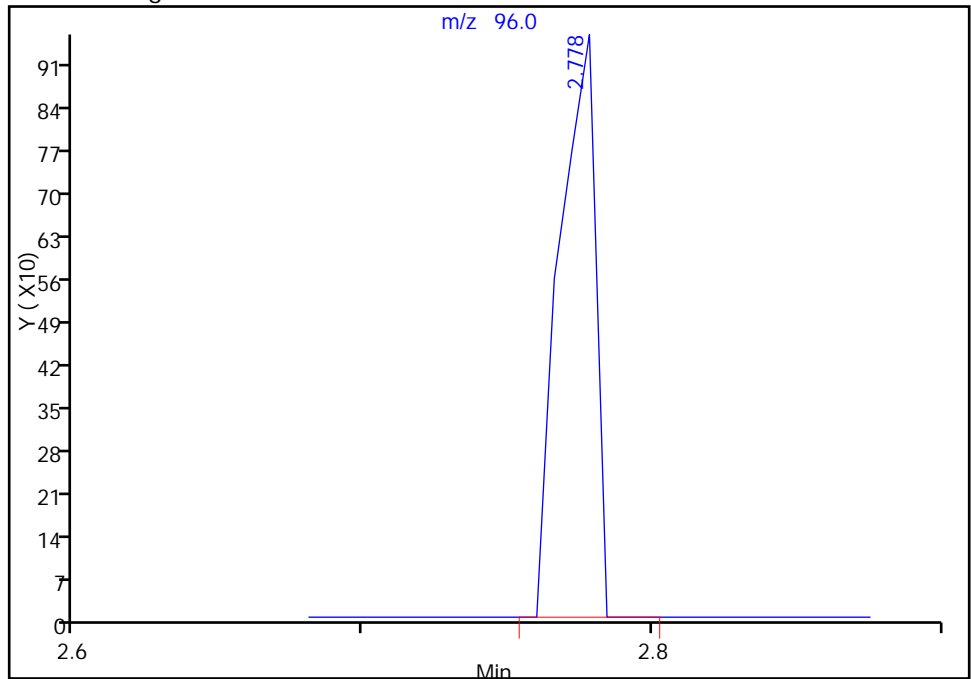
Not Detected
Expected RT: 2.77

Processing Integration Results



RT: 2.78
Area: 830
Amount: 0.162540
Amount Units: ug/L

Manual Integration Results



Reviewer: youngmans, 19-Jan-2017 17:16:46

Audit Action: Manually Integrated

Audit Reason: Missed Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: GWCT Lab Sample ID: 480-112334-8
 Matrix: Water Lab File ID: P22071.D
 Analysis Method: 8260C Date Collected: 01/16/2017 08:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 00:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND	*	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	45		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: GWCT Lab Sample ID: 480-112334-8
 Matrix: Water Lab File ID: P22071.D
 Analysis Method: 8260C Date Collected: 01/16/2017 08:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 00:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22071.D
 Lims ID: 480-112334-A-8
 Client ID: GWCT
 Sample Type: Client
 Inject. Date: 18-Jan-2017 00:57:30 ALS Bottle#: 45 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112334-A-8
 Misc. Info.: 480-0059829-019
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 09:30:28 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK003

First Level Reviewer: farrellr

Date: 18-Jan-2017 09:30:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	99	101556	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	86	219918	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.744	16.751	-0.007	93	283837	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	82708	26.6	
\$ 5 Toluene-d8 (Surr)	98	11.799	11.792	0.007	93	465869	24.3	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	96	189835	24.2	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.285				ND	
17 Vinyl chloride	62		4.516				ND	
12 Bromomethane	94		5.064				ND	
13 Chloroethane	64	5.204	5.198	0.006	97	211735	45.5	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43	6.335	6.335	0.018	66	8037	2.57	7
27 Carbon disulfide	76		6.670				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96	7.230	7.224	0.006	87	1355	0.1883	
40 1,1-Dichloroethane	63		7.747				ND	
44 2-Butanone (MEK)	43		8.392				ND	
43 cis-1,2-Dichloroethene	96	8.459	8.440	0.019	83	3868	0.4723	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.262				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.440				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92		11.884				ND	
78 trans-1,3-Dichloropropene	75		12.145				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91	13.867	13.867	0.000	1	4031	0.1399	7
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.573				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.418				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.268				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22071.D

Injection Date: 18-Jan-2017 00:57:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: 480-112334-A-8

Lab Sample ID: 480-112334-8

Worklist Smp#: 19

Client ID: GWCT

Purge Vol: 5.000 mL

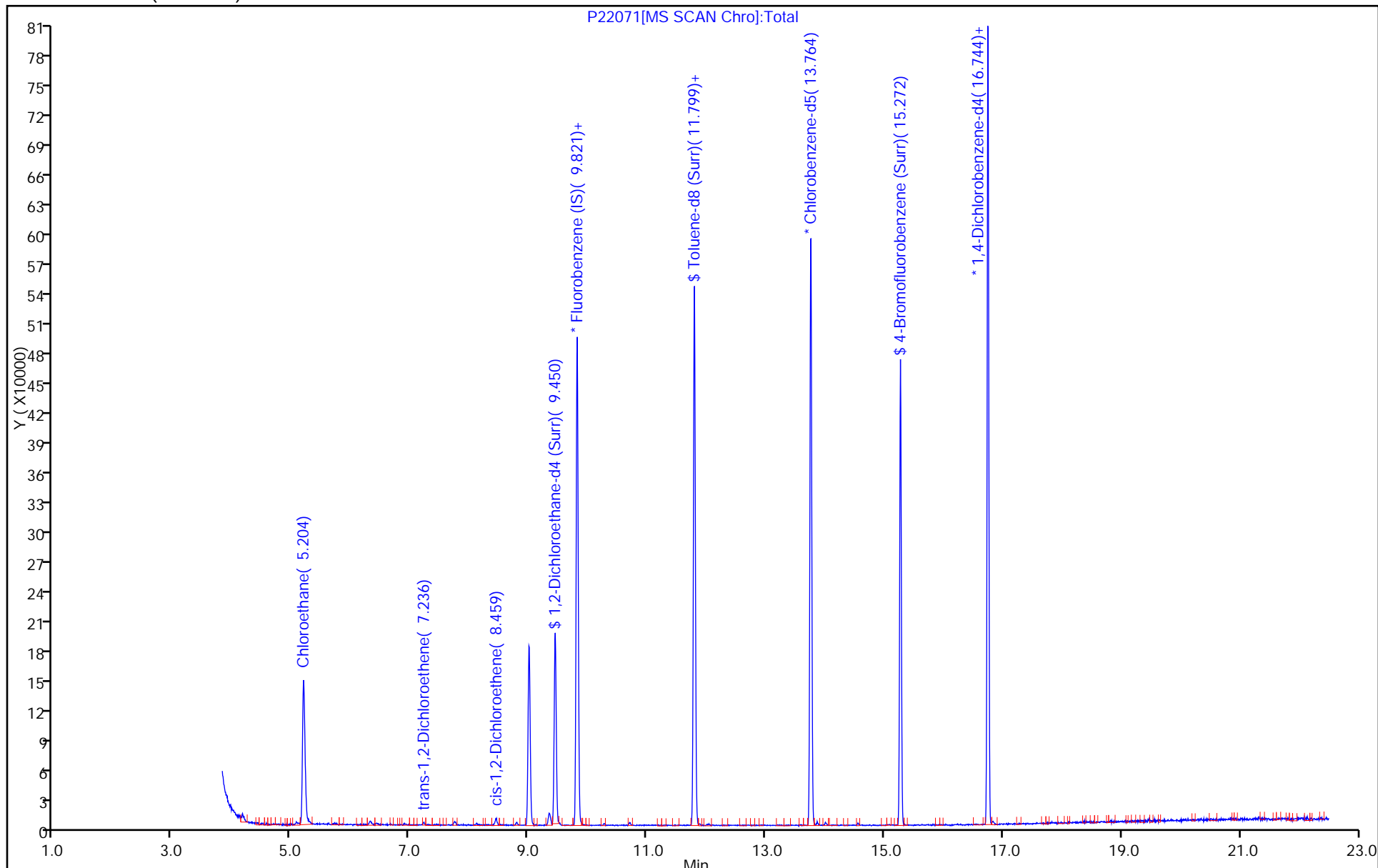
Dil. Factor: 1.0000

ALS Bottle#: 45

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22071.D

Injection Date: 18-Jan-2017 00:57:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-8

Lab Sample ID: 480-112334-8

Client ID: GWCT

Operator ID: RR

ALS Bottle#: 45

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

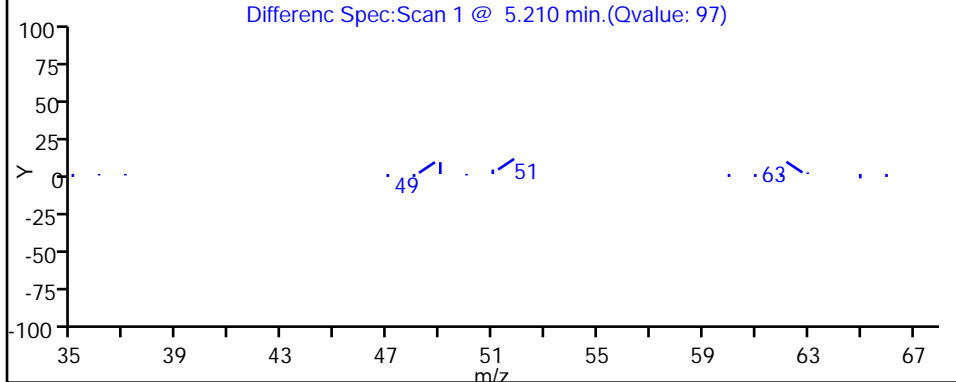
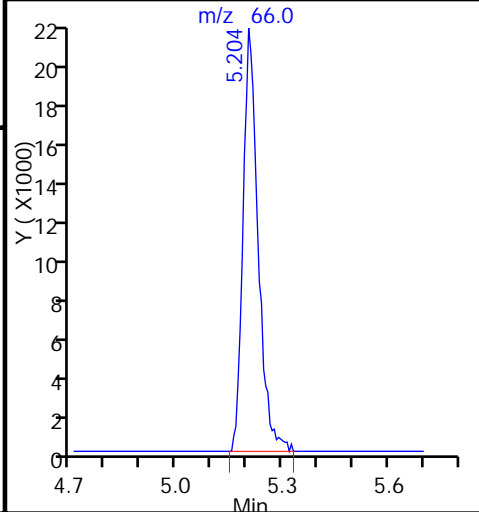
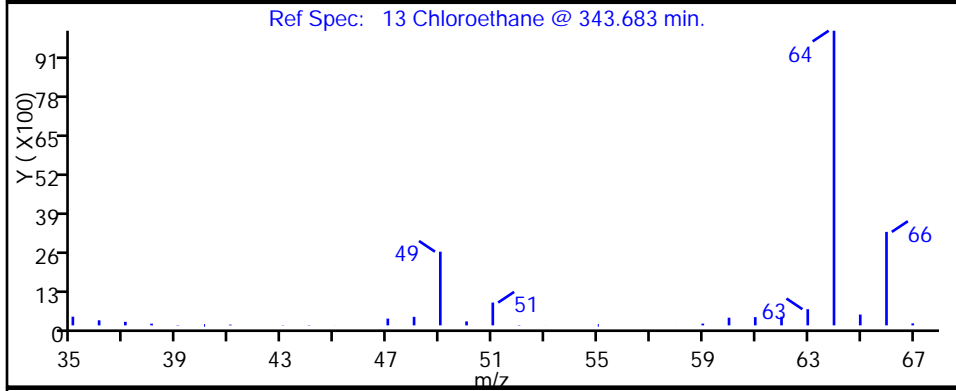
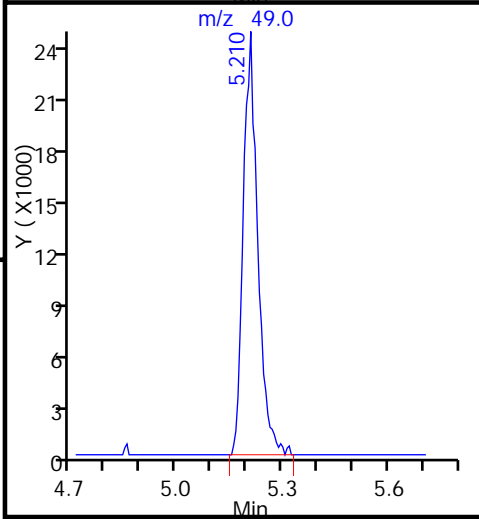
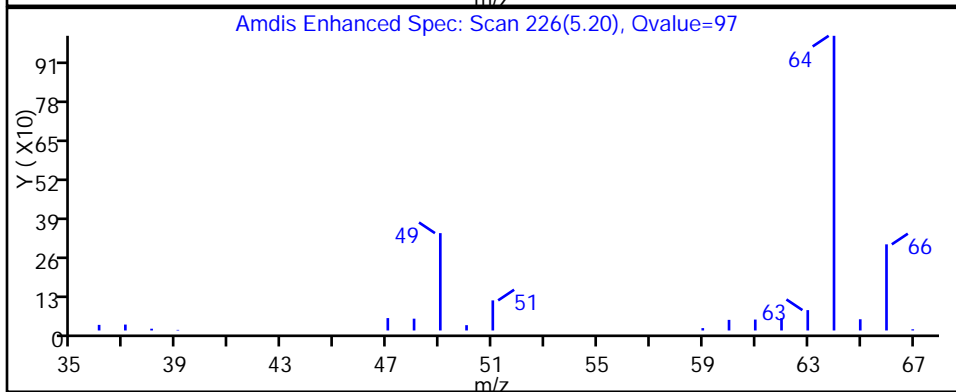
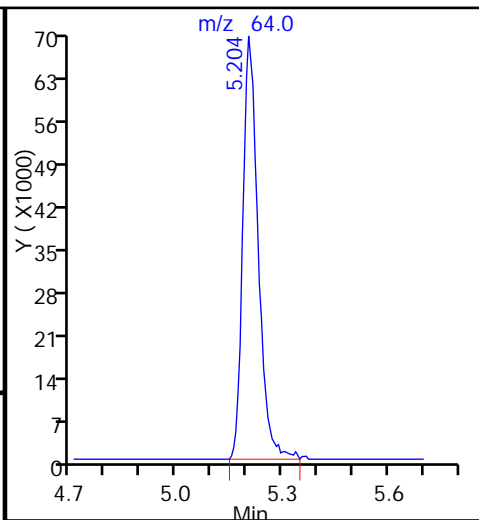
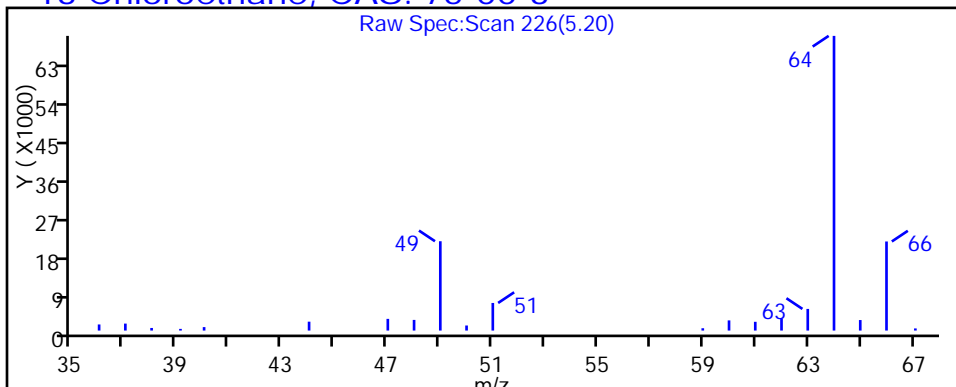
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: Trip Blank Lab Sample ID: 480-112334-9
 Matrix: Water Lab File ID: P22072.D
 Analysis Method: 8260C Date Collected: 01/16/2017 07:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 01:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND	*	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: Trip Blank Lab Sample ID: 480-112334-9
 Matrix: Water Lab File ID: P22072.D
 Analysis Method: 8260C Date Collected: 01/16/2017 07:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 01:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22072.D
 Lims ID: 480-112334-A-9
 Client ID: Trip Blank
 Sample Type: Client
 Inject. Date: 18-Jan-2017 01:25:30 ALS Bottle#: 46 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112334-A-9
 Misc. Info.: 480-0059829-020
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 09:32:49 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK003

First Level Reviewer: farrellr

Date: 18-Jan-2017 09:32:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	99	99238	25.0	
* 2 Chlorobenzene-d5	82	13.763	13.757	0.006	86	209716	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.751	-0.001	93	270016	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.450	-0.006	0	78724	25.9	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.792	0.006	93	453869	24.8	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	181626	24.3	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.285				ND	
17 Vinyl chloride	62		4.516				ND	
12 Bromomethane	94		5.064				ND	
13 Chloroethane	64		5.198				ND	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43		6.317				ND	
27 Carbon disulfide	76		6.670				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84	6.907	6.901	0.006	93	2108	0.2802	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96		7.224				ND	
40 1,1-Dichloroethane	63		7.747				ND	
44 2-Butanone (MEK)	43		8.392				ND	
43 cis-1,2-Dichloroethene	96		8.440				ND	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.262				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.440				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92		11.884				ND	
78 trans-1,3-Dichloropropene	75		12.145				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.867				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.573				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.418				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.268				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22072.D

Injection Date: 18-Jan-2017 01:25:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: 480-112334-A-9

Lab Sample ID: 480-112334-9

Worklist Smp#: 20

Client ID: Trip Blank

Purge Vol: 5.000 mL

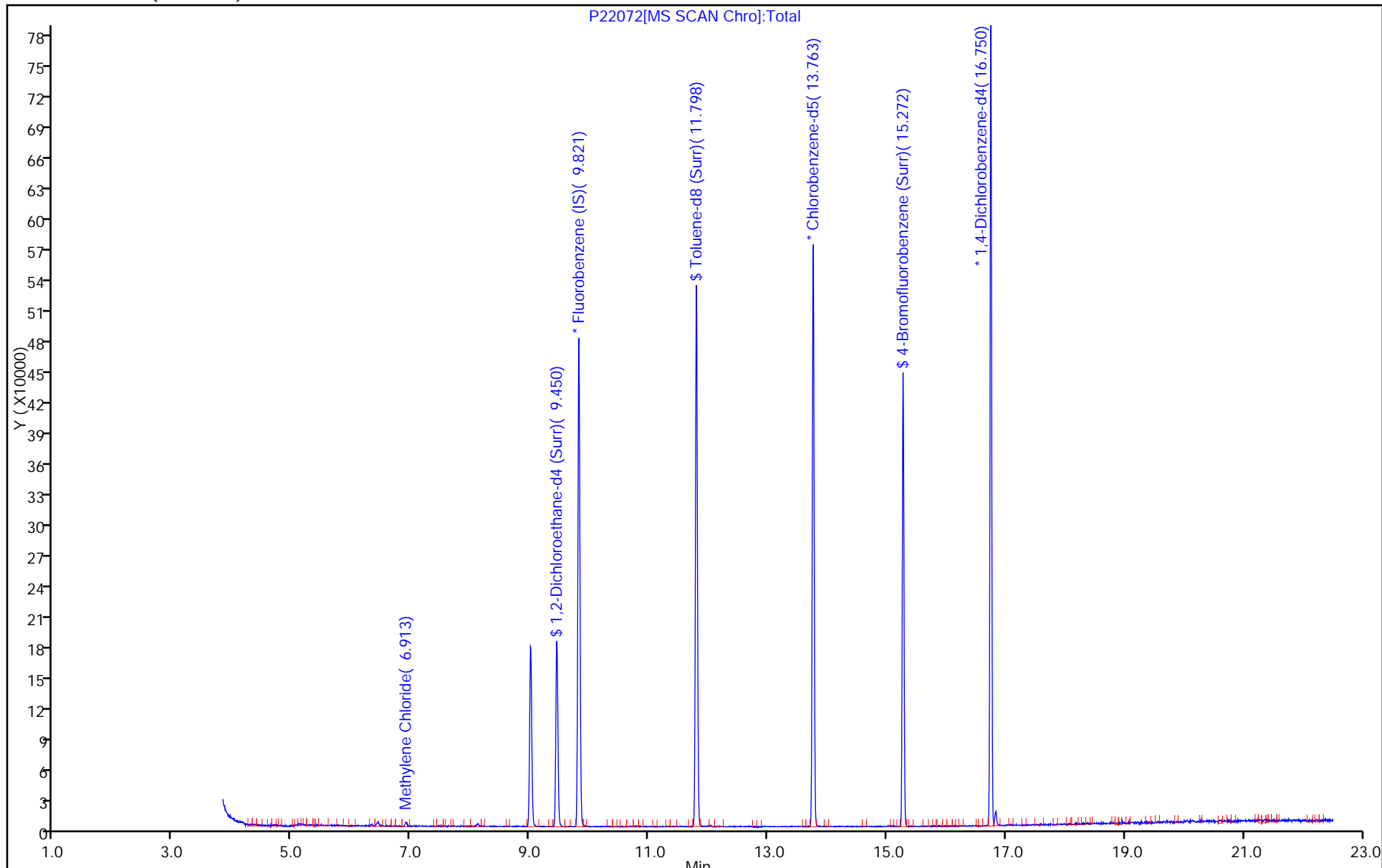
Dil. Factor: 1.0000

ALS Bottle#: 46

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-1 Lab Sample ID: 480-112334-10
 Matrix: Water Lab File ID: P22073.D
 Analysis Method: 8260C Date Collected: 01/16/2017 15:45
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 01:52
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		20	16
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	4.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2
79-00-5	1,1,2-Trichloroethane	ND		20	4.6
75-34-3	1,1-Dichloroethane	20		20	7.6
75-35-4	1,1-Dichloroethene	ND		20	5.8
120-82-1	1,2,4-Trichlorobenzene	ND		20	8.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		20	7.8
106-93-4	1,2-Dibromoethane	ND		20	15
95-50-1	1,2-Dichlorobenzene	ND		20	16
107-06-2	1,2-Dichloroethane	ND		20	4.2
78-87-5	1,2-Dichloropropane	ND		20	14
541-73-1	1,3-Dichlorobenzene	ND		20	16
106-46-7	1,4-Dichlorobenzene	ND		20	17
78-93-3	2-Butanone (MEK)	ND		200	26
591-78-6	2-Hexanone	ND		100	25
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		100	42
67-64-1	Acetone	65	J	200	60
71-43-2	Benzene	ND		20	8.2
75-27-4	Bromodichloromethane	ND		20	7.8
75-25-2	Bromoform	ND		20	5.2
74-83-9	Bromomethane	ND	*	20	14
75-15-0	Carbon disulfide	ND		20	3.8
56-23-5	Carbon tetrachloride	ND		20	5.4
108-90-7	Chlorobenzene	ND		20	15
75-00-3	Chloroethane	15	J	20	6.4
67-66-3	Chloroform	ND		20	6.8
74-87-3	Chloromethane	ND		20	7.0
156-59-2	cis-1,2-Dichloroethene	16	J	20	16
10061-01-5	cis-1,3-Dichloropropene	ND		20	7.2
110-82-7	Cyclohexane	ND		20	3.6
124-48-1	Dibromochloromethane	ND		20	6.4
75-71-8	Dichlorodifluoromethane	ND		20	14
100-41-4	Ethylbenzene	ND		20	15
98-82-8	Isopropylbenzene	ND		20	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-1 Lab Sample ID: 480-112334-10
 Matrix: Water Lab File ID: P22073.D
 Analysis Method: 8260C Date Collected: 01/16/2017 15:45
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 01:52
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		50	26
1634-04-4	Methyl tert-butyl ether	ND		20	3.2
108-87-2	Methylcyclohexane	ND		20	3.2
75-09-2	Methylene Chloride	ND		20	8.8
100-42-5	Styrene	ND		20	15
127-18-4	Tetrachloroethene	ND		20	7.2
108-88-3	Toluene	ND		20	10
156-60-5	trans-1,2-Dichloroethene	ND		20	18
10061-02-6	trans-1,3-Dichloropropene	ND		20	7.4
79-01-6	Trichloroethene	ND		20	9.2
75-69-4	Trichlorofluoromethane	ND		20	18
75-01-4	Vinyl chloride	ND		20	18
1330-20-7	Xylenes, Total	ND		40	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22073.D
 Lims ID: 480-112334-A-10
 Client ID: DPT-1
 Sample Type: Client
 Inject. Date: 18-Jan-2017 01:52:30 ALS Bottle#: 47 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 480-112334-A-10
 Misc. Info.: 480-0059829-021
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 09:32:49 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK003

First Level Reviewer: farrellr

Date: 18-Jan-2017 09:33:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	99	95185	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	86	205828	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.751	0.000	93	264243	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.450	-0.006	0	77165	26.4	
\$ 5 Toluene-d8 (Surr)	98	11.799	11.792	0.007	94	435941	24.3	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	96	174483	23.8	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.285				ND	
17 Vinyl chloride	62		4.516				ND	
12 Bromomethane	94		5.064				ND	
13 Chloroethane	64	5.204	5.198	0.006	97	3236	0.7418	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43	6.329	6.317	0.012	100	9502	3.25	
27 Carbon disulfide	76		6.670				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84	6.913	6.901	0.012	93	2962	0.4105	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96		7.224				ND	
40 1,1-Dichloroethane	63	7.753	7.747	0.006	95	12648	0.99	
44 2-Butanone (MEK)	43		8.392				ND	
43 cis-1,2-Dichloroethene	96	8.459	8.440	0.019	81	6295	0.8202	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.262				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.440				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92		11.884				ND	
78 trans-1,3-Dichloropropene	75		12.145				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.867				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.573				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.418				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.268				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22073.D

Injection Date: 18-Jan-2017 01:52:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: 480-112334-A-10

Lab Sample ID: 480-112334-10

Worklist Smp#: 21

Client ID: DPT-1

Purge Vol: 5.000 mL

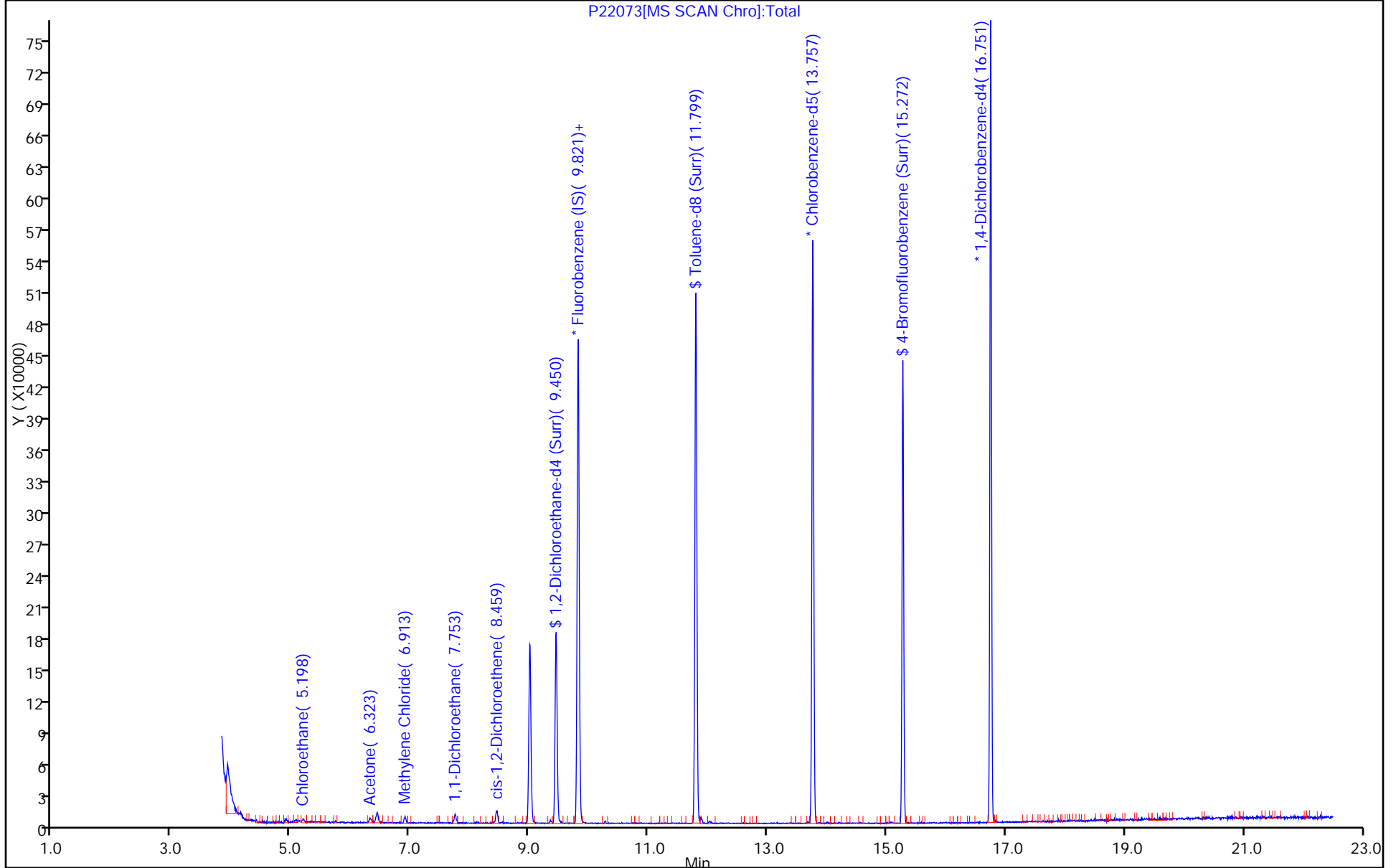
Dil. Factor: 20.0000

ALS Bottle#: 47

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22073.D

Injection Date: 18-Jan-2017 01:52:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-10

Lab Sample ID: 480-112334-10

Client ID: DPT-1

Operator ID: RR

ALS Bottle#: 47

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

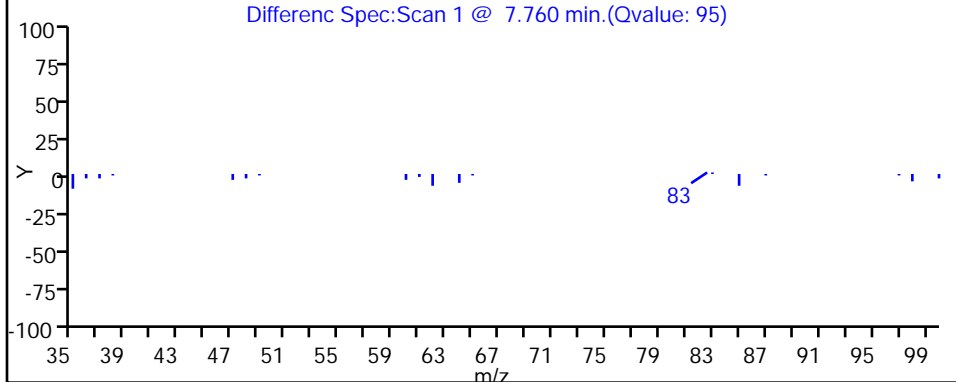
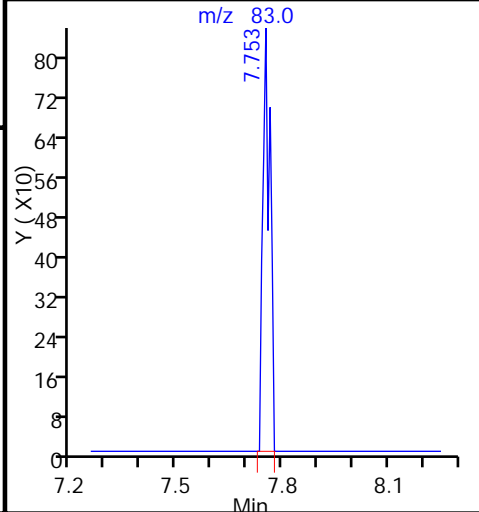
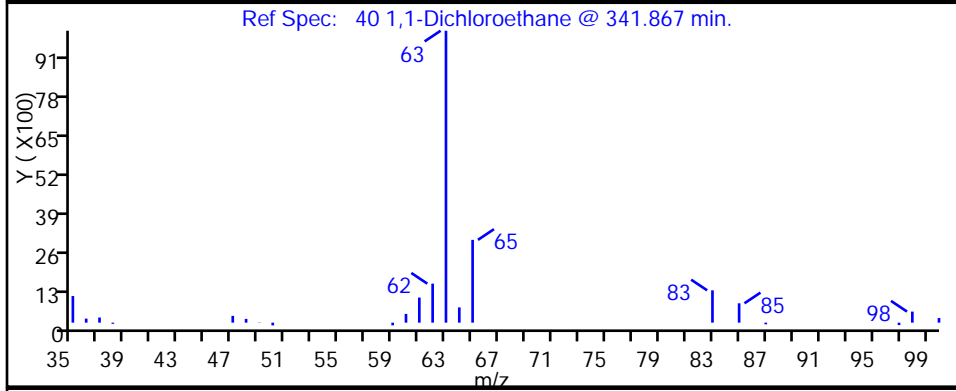
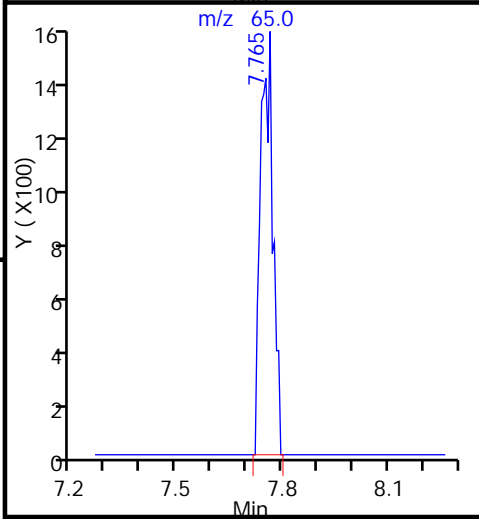
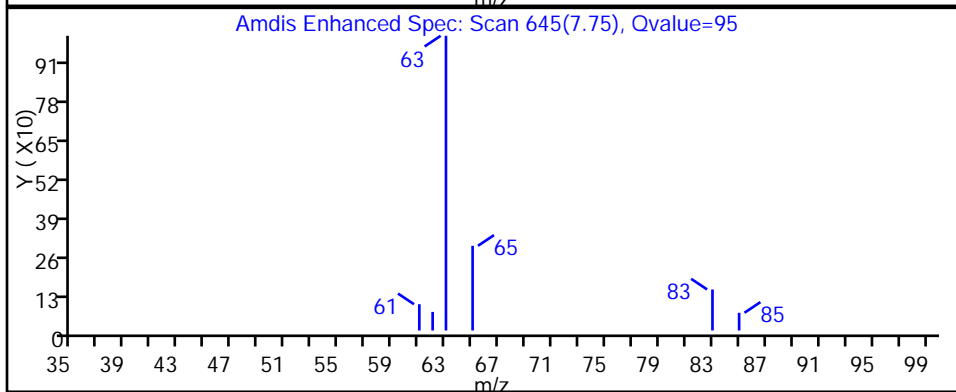
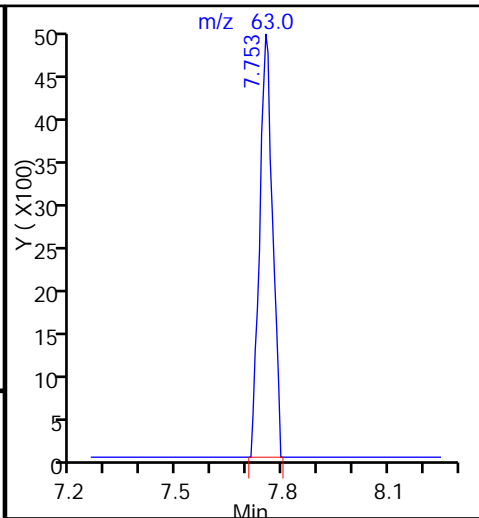
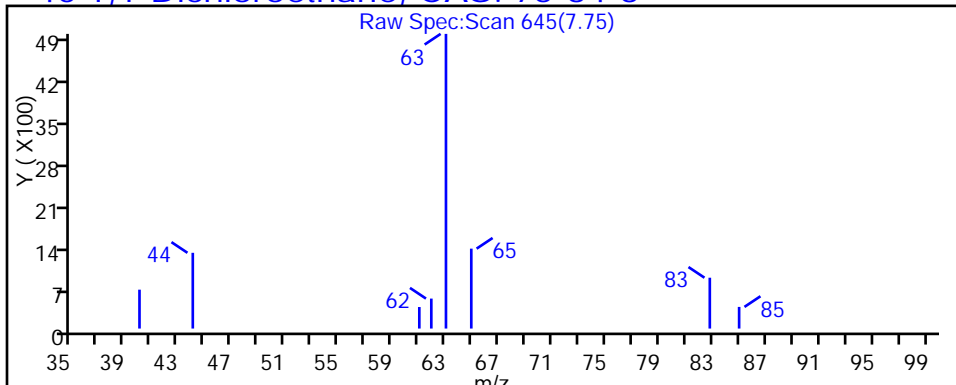
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

40 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22073.D

Injection Date: 18-Jan-2017 01:52:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-10

Lab Sample ID: 480-112334-10

Client ID: DPT-1

Operator ID: RR

ALS Bottle#: 47

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

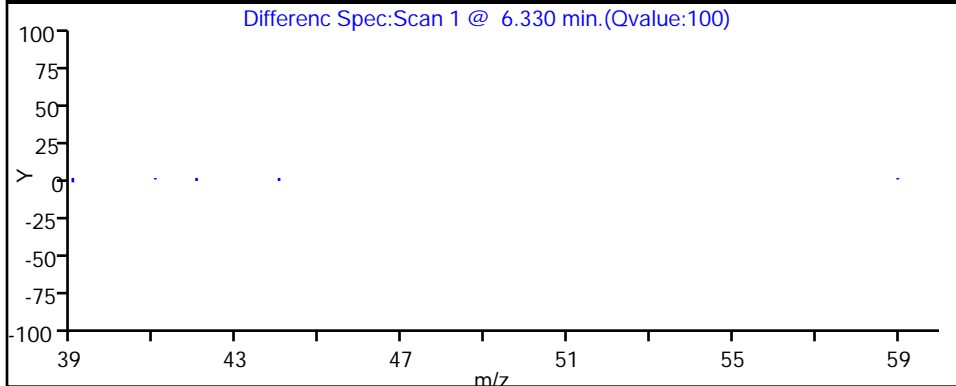
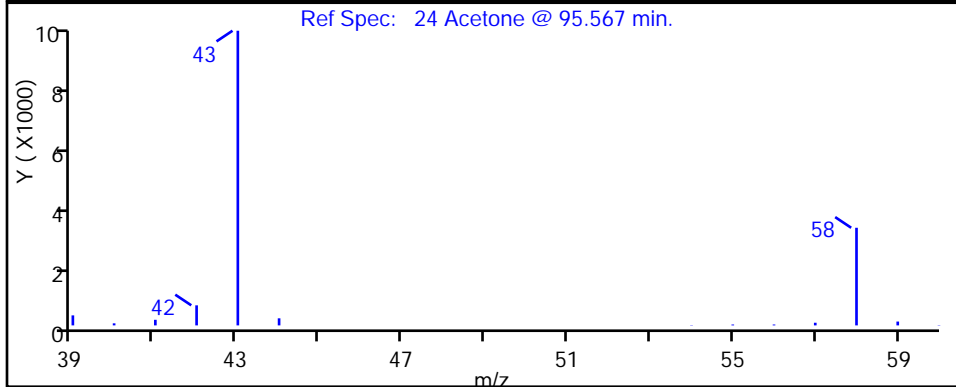
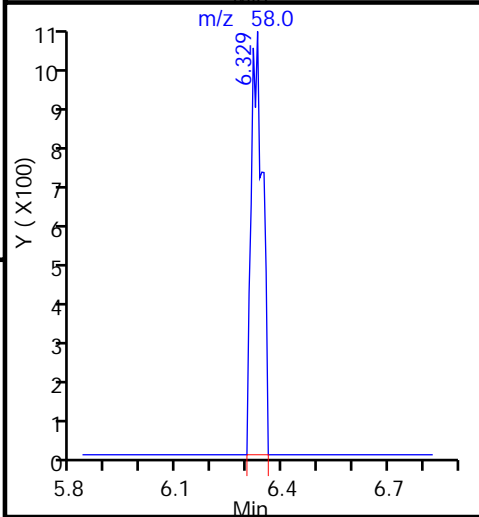
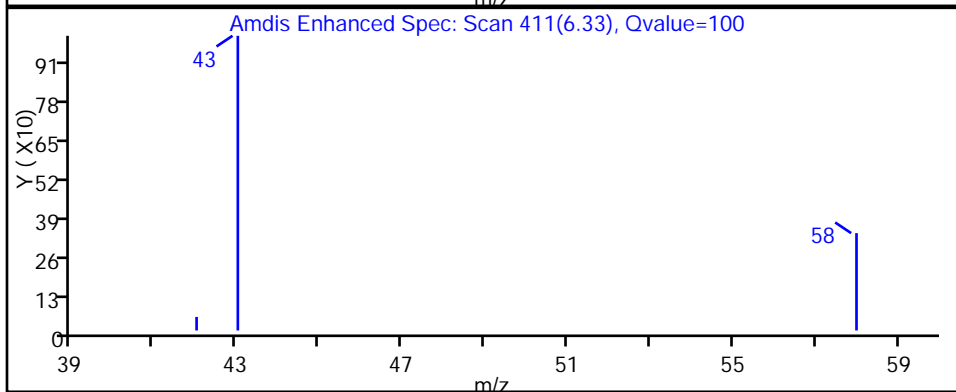
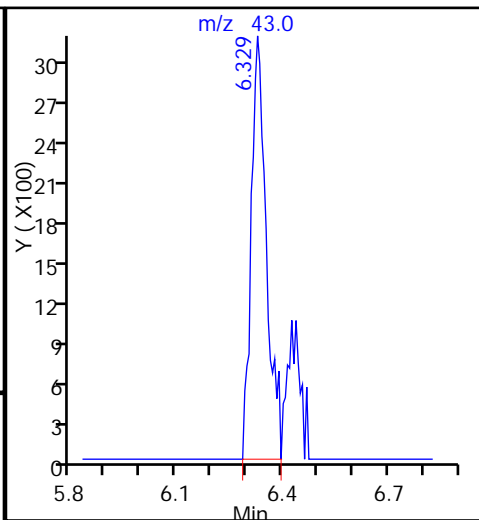
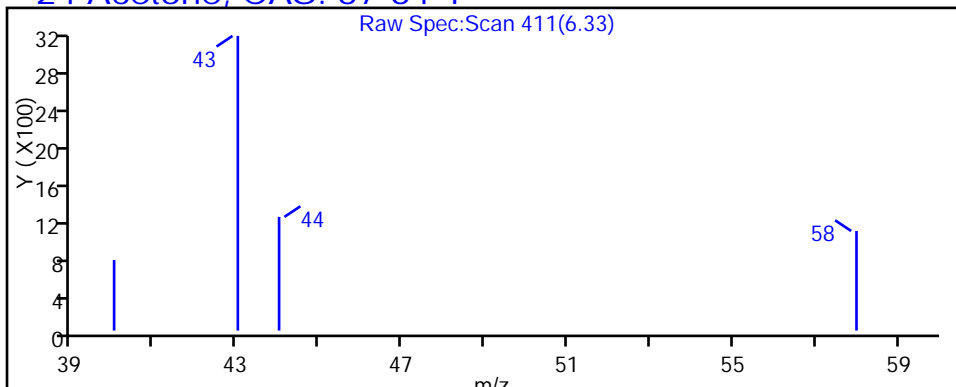
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

24 Acetone, CAS: 67-64-1



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22073.D

Injection Date: 18-Jan-2017 01:52:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-10

Lab Sample ID: 480-112334-10

Client ID: DPT-1

Operator ID: RR

ALS Bottle#: 47

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

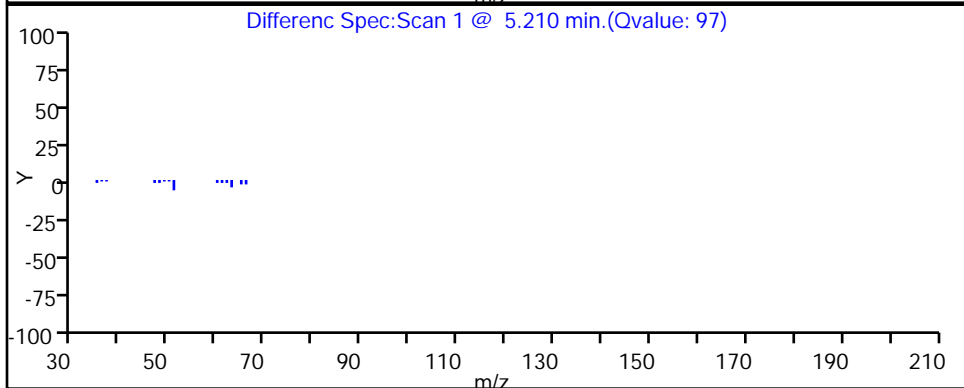
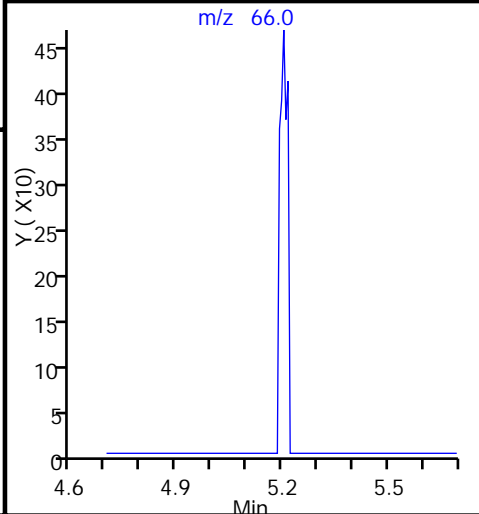
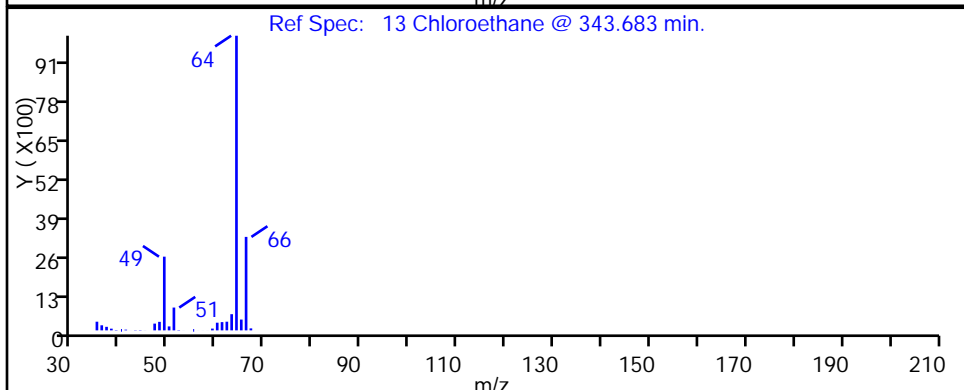
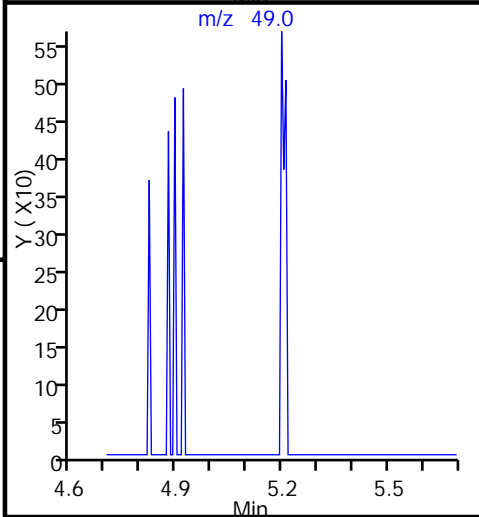
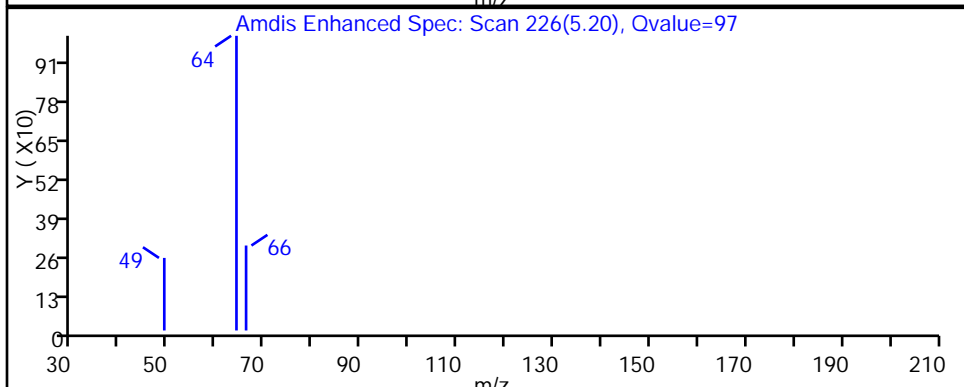
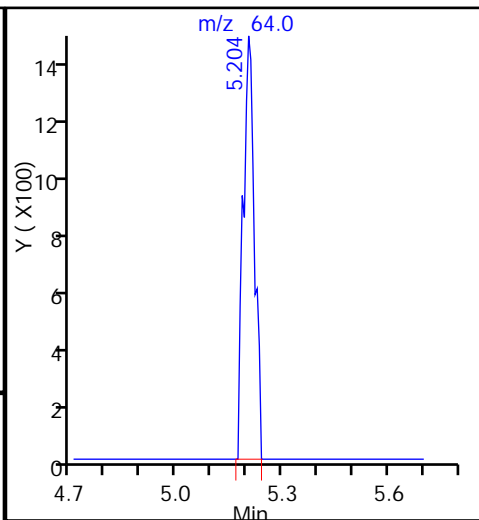
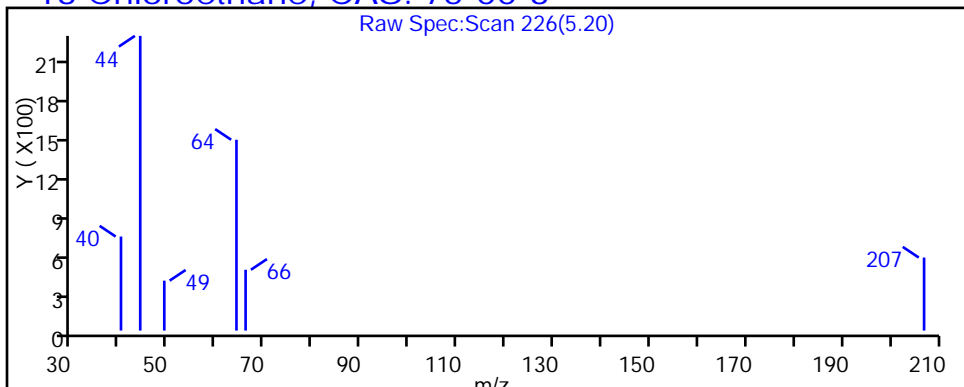
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22073.D

Injection Date: 18-Jan-2017 01:52:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-10

Lab Sample ID: 480-112334-10

Client ID: DPT-1

Operator ID: RR

ALS Bottle#: 47

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

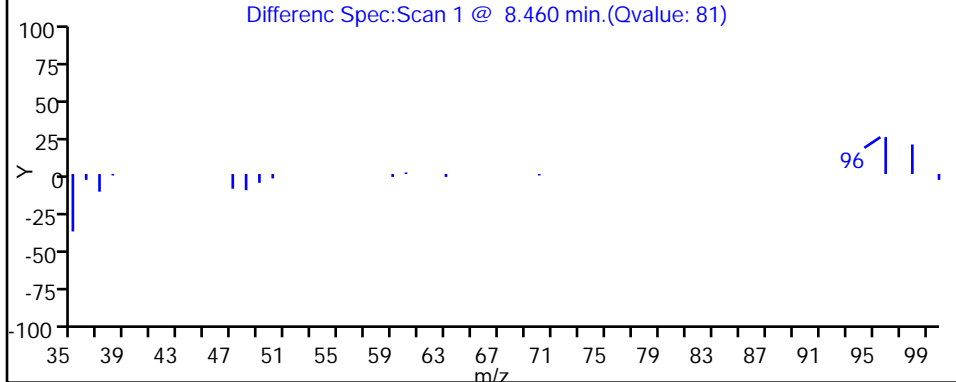
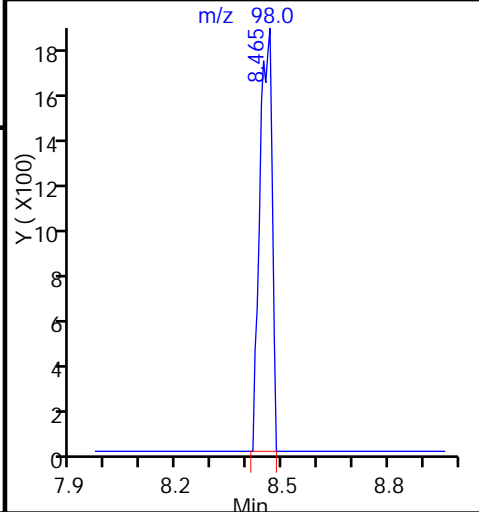
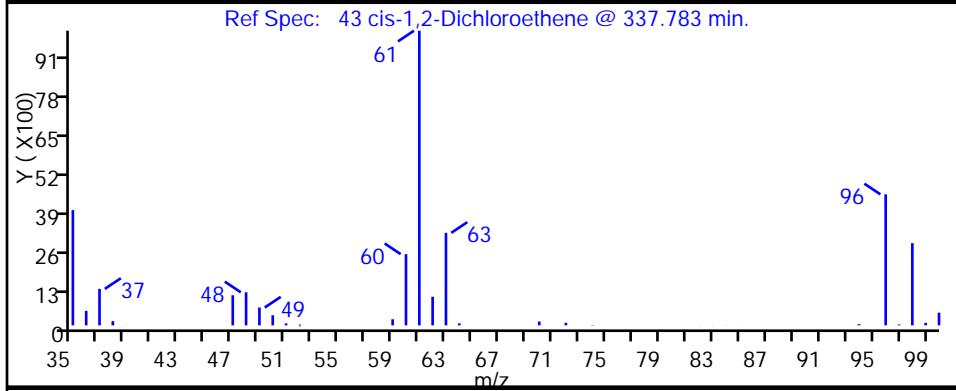
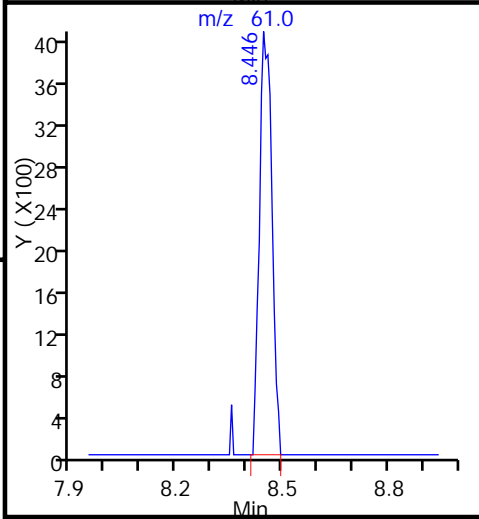
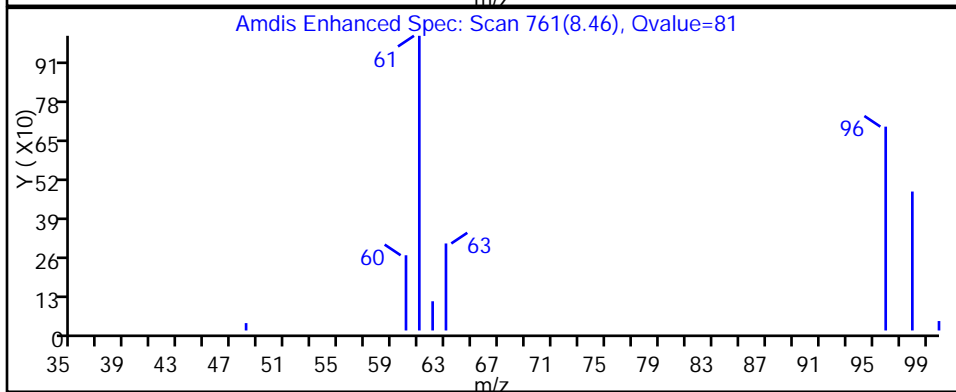
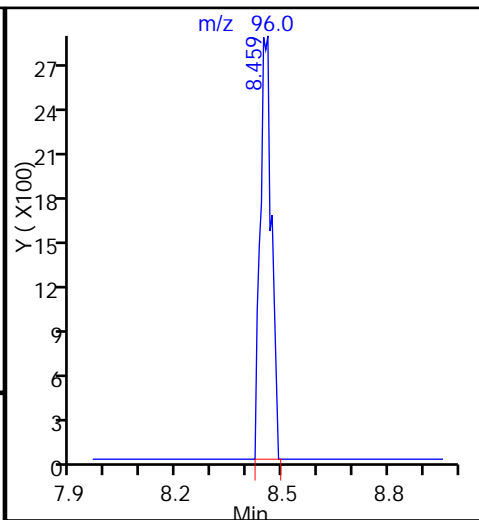
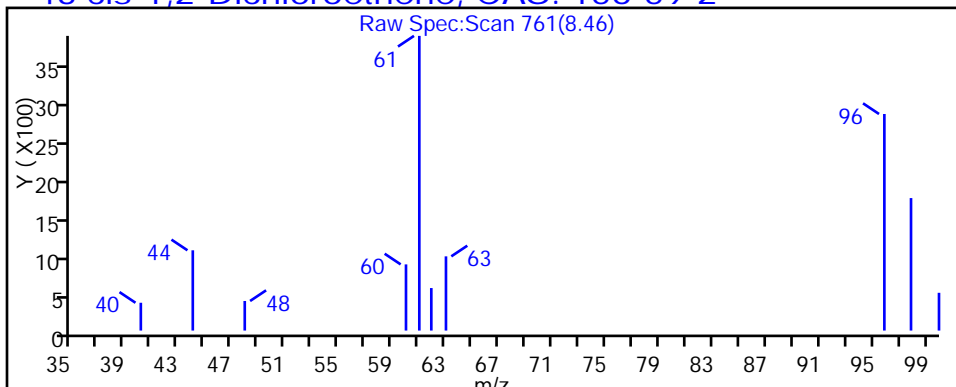
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-2 Lab Sample ID: 480-112334-11
 Matrix: Water Lab File ID: N2585.D
 Analysis Method: 8260C Date Collected: 01/16/2017 14:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 12:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	3.2	J	10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	2.5		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-2 Lab Sample ID: 480-112334-11
 Matrix: Water Lab File ID: N2585.D
 Analysis Method: 8260C Date Collected: 01/16/2017 14:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 12:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND	*	2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	0.51	J	1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	93		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2585.D
 Lims ID: 480-112334-B-11
 Client ID: DPT-2
 Sample Type: Client
 Inject. Date: 18-Jan-2017 12:16:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112334-B-11
 Misc. Info.: 480-0059834-009
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 17:32:53 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: youngmans

Date: 18-Jan-2017 17:32:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	94050	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	352525	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	94	181505	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	125800	24.5	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	91	419895	23.3	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	95	144974	23.8	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.525				ND	
14 Vinyl chloride	62		1.634				ND	
15 Bromomethane	94		1.926				ND	
16 Chloroethane	64	2.048	2.036	0.012	93	8926	2.48	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96		2.772				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.778				ND	
23 Acetone	43	2.869	2.869	0.006	66	4264	2.24	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.174				ND	
30 Methylene Chloride	84	3.283	3.265	0.018	95	3112	0.5101	
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96		3.508				ND	
36 1,1-Dichloroethane	63	3.922	3.916	0.006	90	3226	0.3066	
43 cis-1,2-Dichloroethene	96	4.475	4.469	0.006	37	3286	0.5321	
44 2-Butanone (MEK)	43	4.500	4.494	0.006	98	9697	3.22	
50 Chloroform	83		4.774				ND	
51 1,1,1-Trichloroethane	97		4.907				ND	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95		5.869				ND	
62 Methylcyclohexane	83		6.015				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.380				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92		7.110				ND	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.655				ND	
90 m-Xylene & p-Xylene	106		8.777				ND	
91 o-Xylene	106		9.202				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.586				ND	
98 1,1,2,2-Tetrachloroethane	83		9.957				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.924				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.989				ND	
119 1,2,4-Trichlorobenzene	180		12.688				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00236

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2585.D

Injection Date: 18-Jan-2017 12:16:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-B-11

Lab Sample ID: 480-112334-11

Worklist Smp#: 9

Client ID: DPT-2

Purge Vol: 5.000 mL

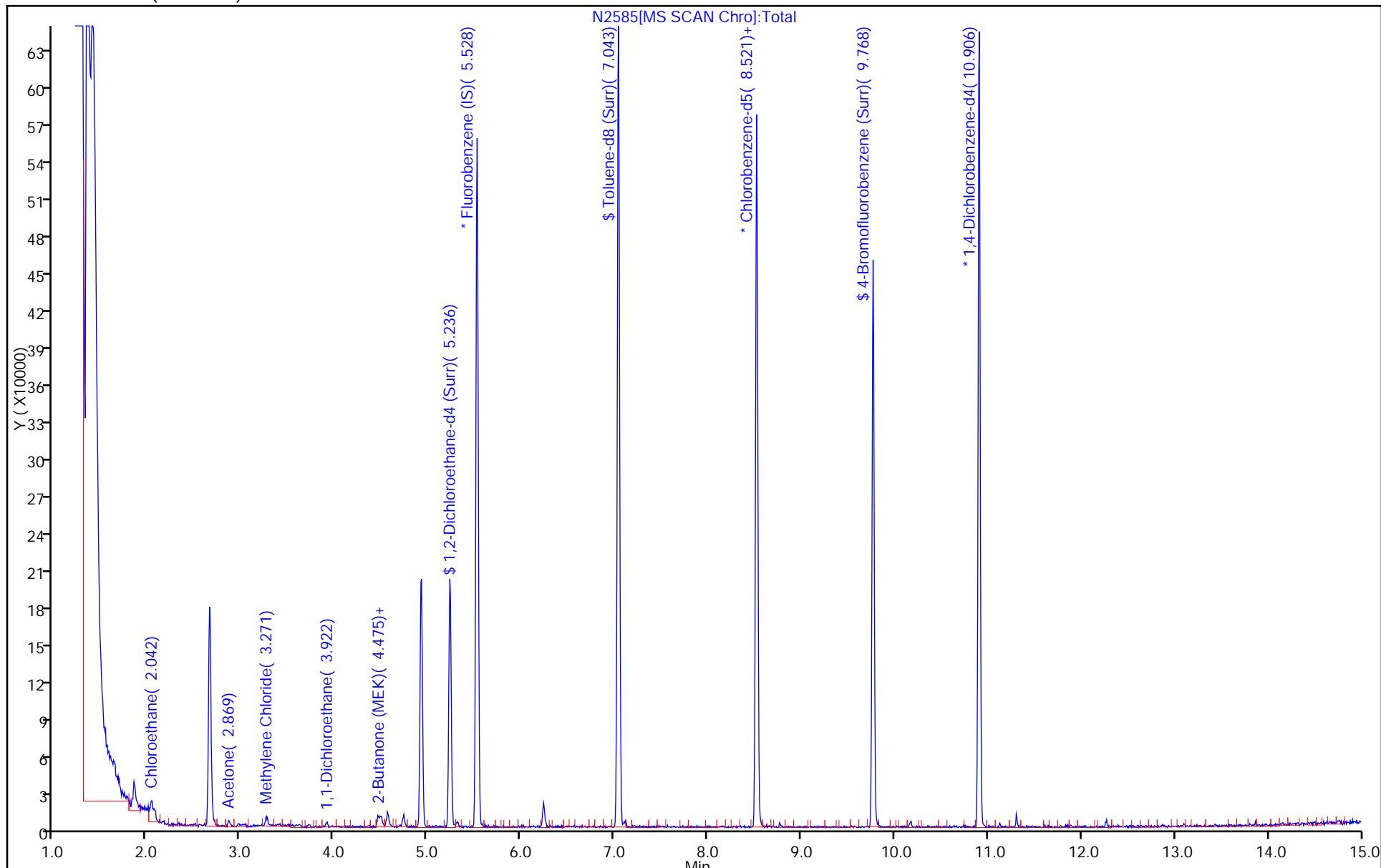
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2585.D

Injection Date: 18-Jan-2017 12:16:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-11

Lab Sample ID: 480-112334-11

Client ID: DPT-2

Operator ID: nea

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

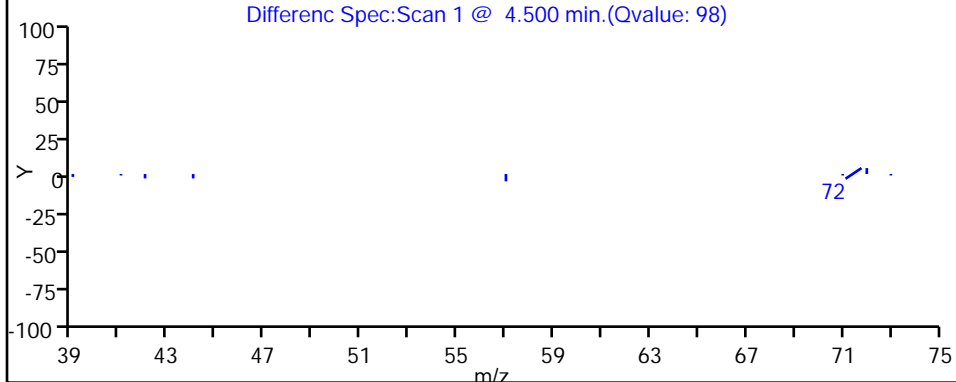
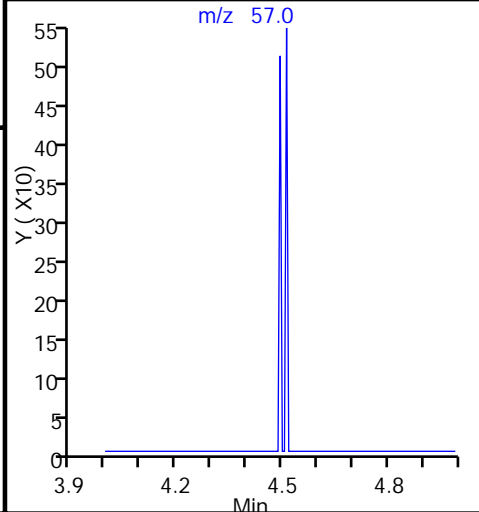
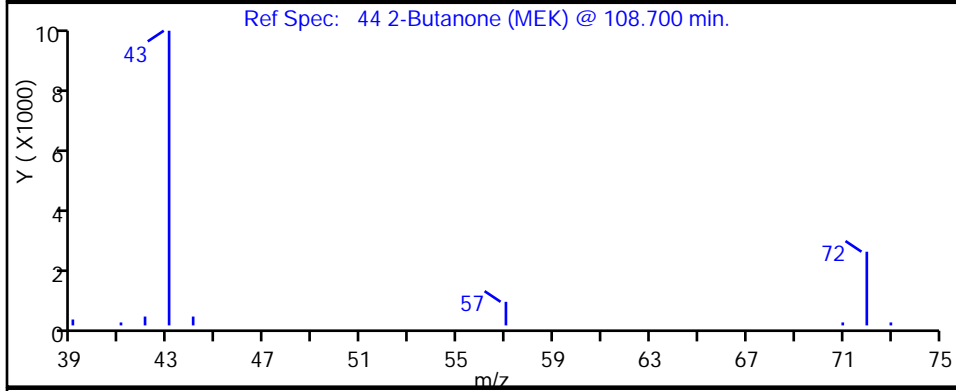
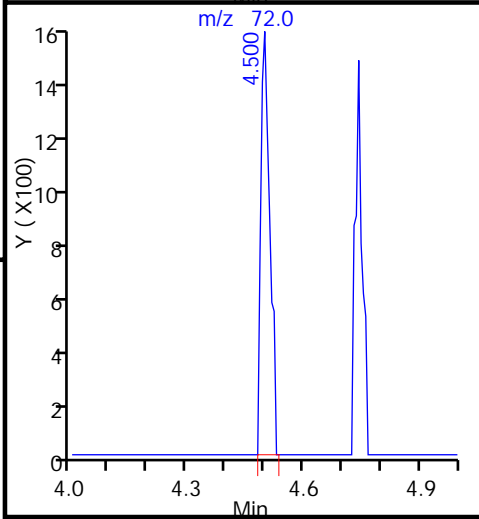
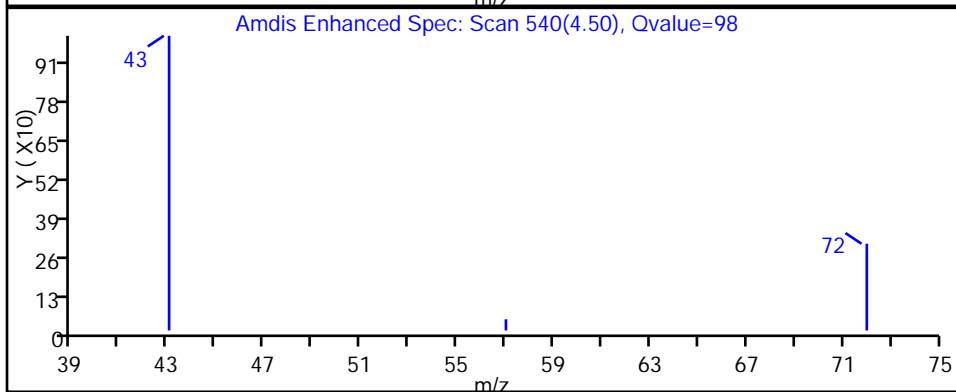
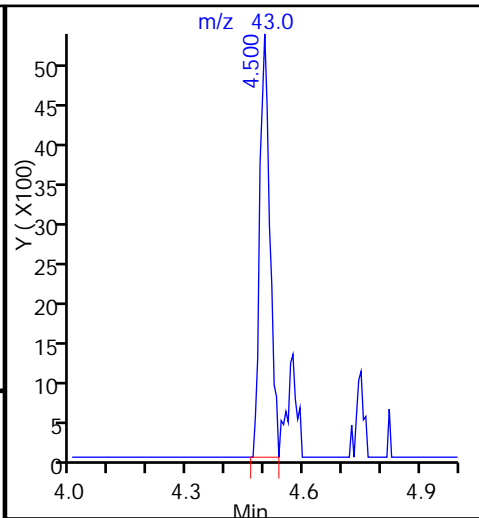
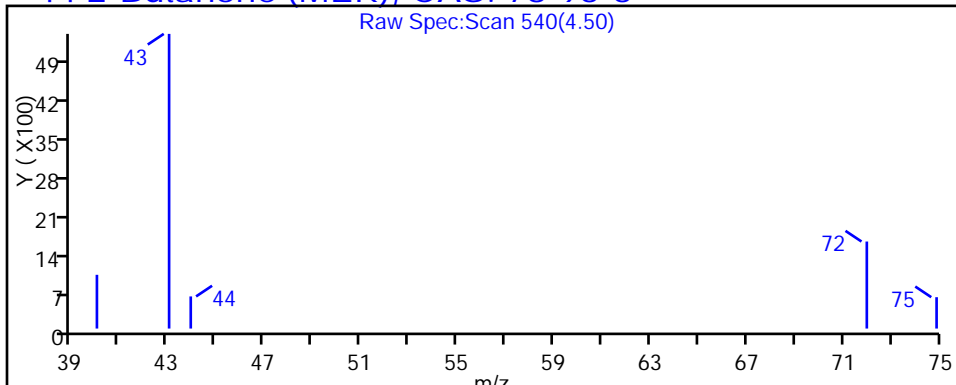
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

44 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2585.D

Injection Date: 18-Jan-2017 12:16:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-11

Lab Sample ID: 480-112334-11

Client ID: DPT-2

Operator ID: nea

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

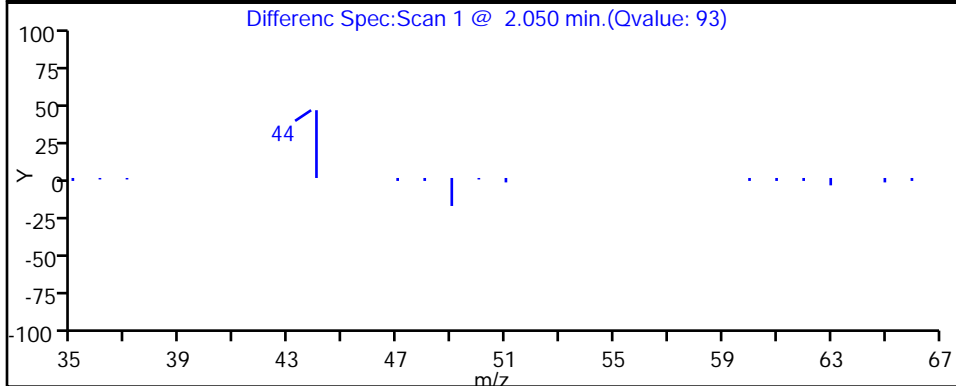
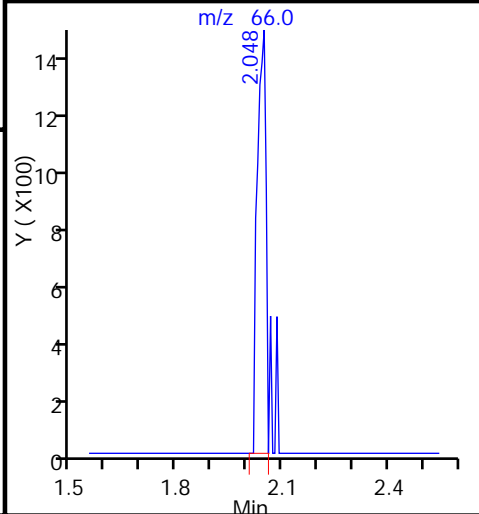
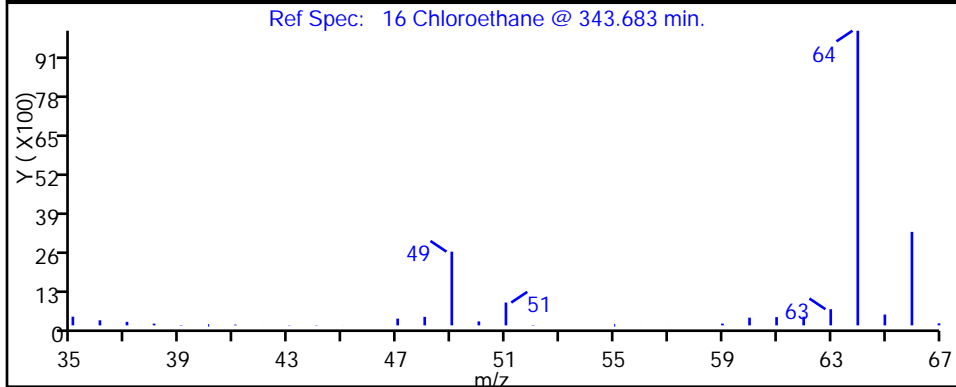
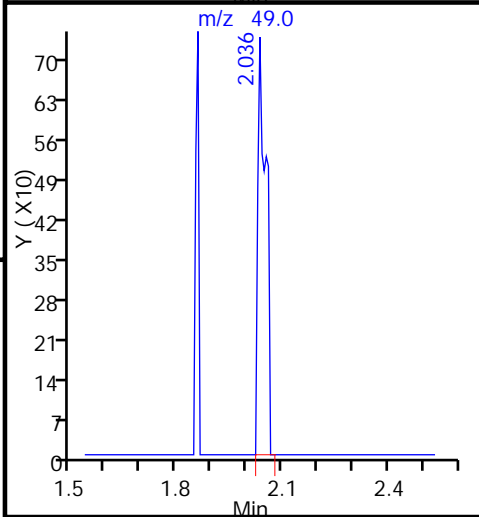
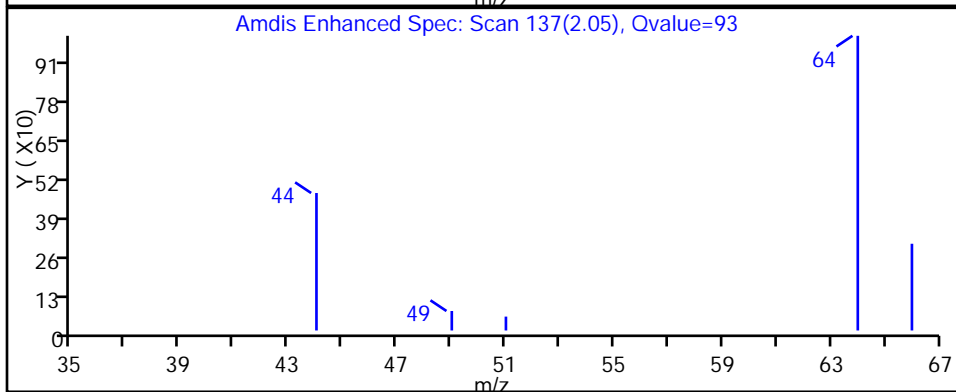
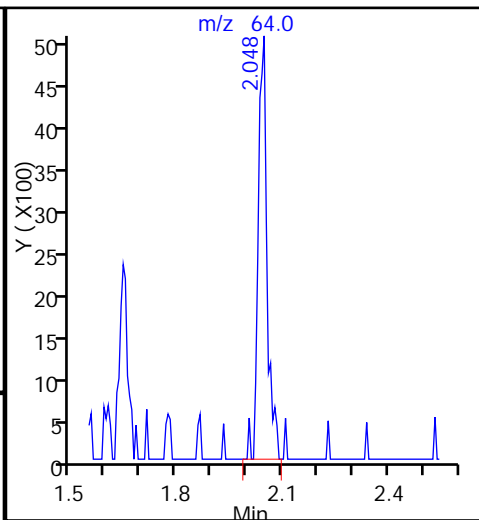
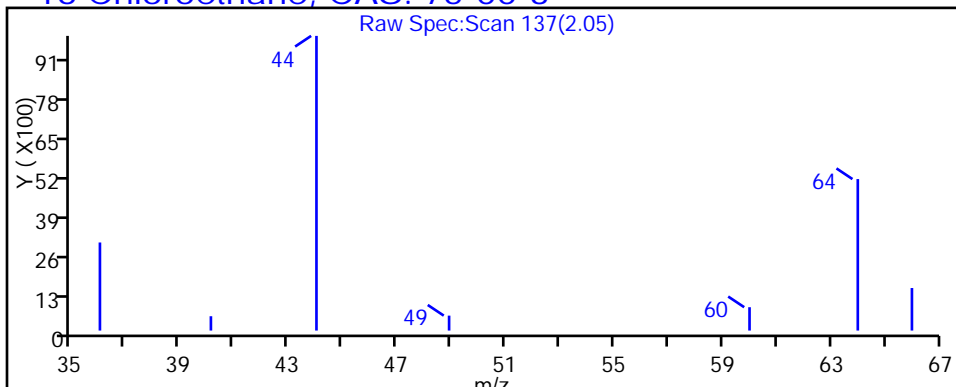
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

16 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2585.D

Injection Date: 18-Jan-2017 12:16:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-11

Lab Sample ID: 480-112334-11

Client ID: DPT-2

Operator ID: nea

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

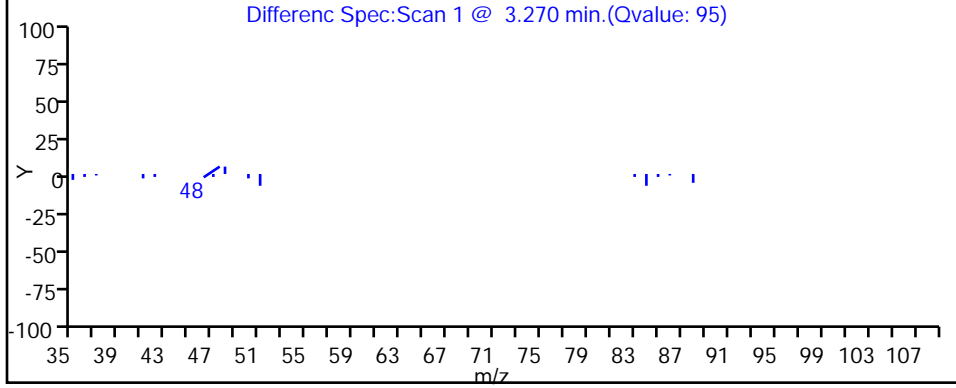
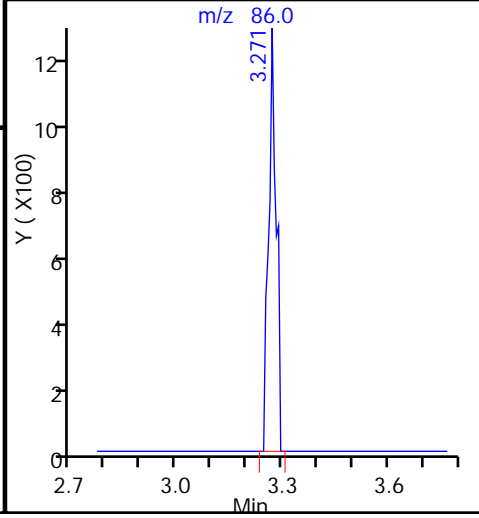
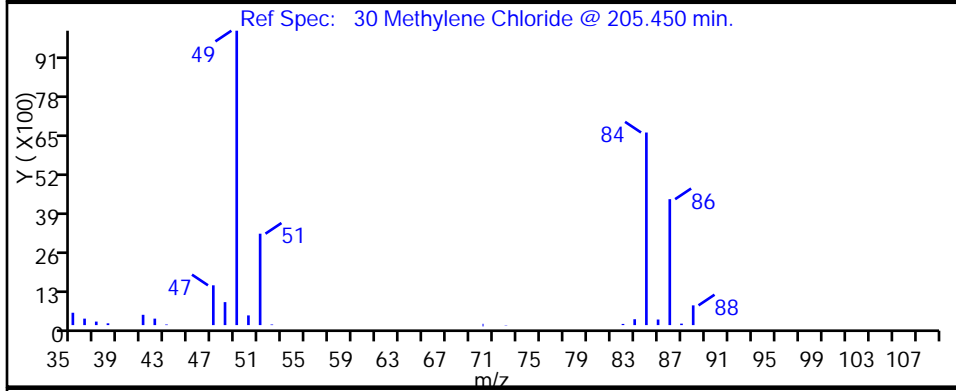
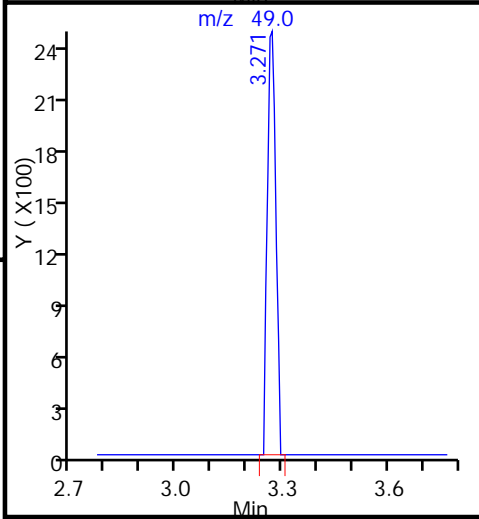
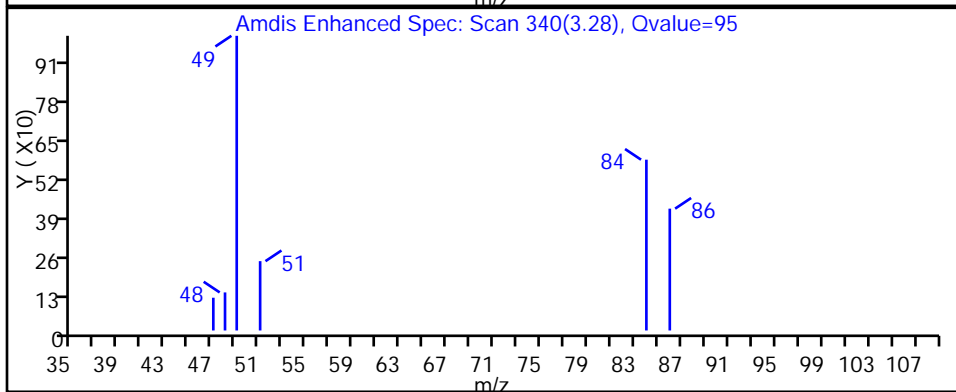
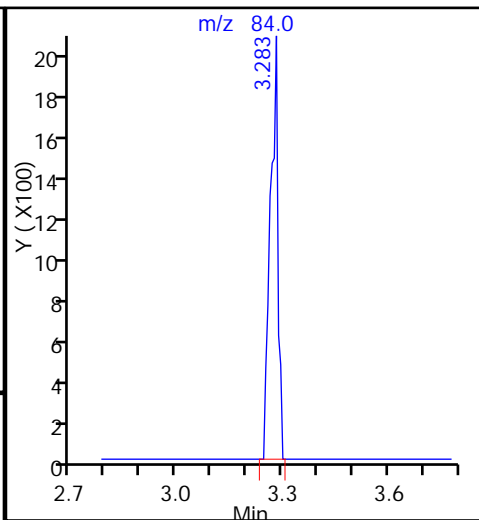
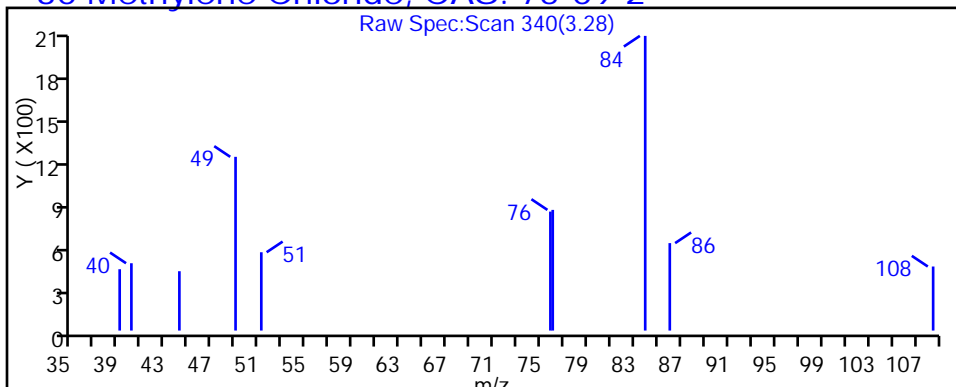
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-3 Lab Sample ID: 480-112334-12
 Matrix: Water Lab File ID: P22075.D
 Analysis Method: 8260C Date Collected: 01/16/2017 12:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 02:47
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		20	16
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	4.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2
79-00-5	1,1,2-Trichloroethane	ND		20	4.6
75-34-3	1,1-Dichloroethane	ND		20	7.6
75-35-4	1,1-Dichloroethene	ND		20	5.8
120-82-1	1,2,4-Trichlorobenzene	ND		20	8.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		20	7.8
106-93-4	1,2-Dibromoethane	ND		20	15
95-50-1	1,2-Dichlorobenzene	ND		20	16
107-06-2	1,2-Dichloroethane	ND		20	4.2
78-87-5	1,2-Dichloropropane	ND		20	14
541-73-1	1,3-Dichlorobenzene	ND		20	16
106-46-7	1,4-Dichlorobenzene	ND		20	17
78-93-3	2-Butanone (MEK)	ND		200	26
591-78-6	2-Hexanone	ND		100	25
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		100	42
67-64-1	Acetone	ND		200	60
71-43-2	Benzene	ND		20	8.2
75-27-4	Bromodichloromethane	ND		20	7.8
75-25-2	Bromoform	ND		20	5.2
74-83-9	Bromomethane	ND	*	20	14
75-15-0	Carbon disulfide	ND		20	3.8
56-23-5	Carbon tetrachloride	ND		20	5.4
108-90-7	Chlorobenzene	ND		20	15
75-00-3	Chloroethane	ND		20	6.4
67-66-3	Chloroform	ND		20	6.8
74-87-3	Chloromethane	ND		20	7.0
156-59-2	cis-1,2-Dichloroethene	ND		20	16
10061-01-5	cis-1,3-Dichloropropene	ND		20	7.2
110-82-7	Cyclohexane	ND		20	3.6
124-48-1	Dibromochloromethane	ND		20	6.4
75-71-8	Dichlorodifluoromethane	ND		20	14
100-41-4	Ethylbenzene	ND		20	15
98-82-8	Isopropylbenzene	ND		20	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-3 Lab Sample ID: 480-112334-12
 Matrix: Water Lab File ID: P22075.D
 Analysis Method: 8260C Date Collected: 01/16/2017 12:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 02:47
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		50	26
1634-04-4	Methyl tert-butyl ether	ND		20	3.2
108-87-2	Methylcyclohexane	ND		20	3.2
75-09-2	Methylene Chloride	ND		20	8.8
100-42-5	Styrene	ND		20	15
127-18-4	Tetrachloroethene	ND		20	7.2
108-88-3	Toluene	ND		20	10
156-60-5	trans-1,2-Dichloroethene	ND		20	18
10061-02-6	trans-1,3-Dichloropropene	ND		20	7.4
79-01-6	Trichloroethene	ND		20	9.2
75-69-4	Trichlorofluoromethane	ND		20	18
75-01-4	Vinyl chloride	45		20	18
1330-20-7	Xylenes, Total	ND		40	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	92		73-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22075.D
 Lims ID: 480-112334-A-12
 Client ID: DPT-3
 Sample Type: Client
 Inject. Date: 18-Jan-2017 02:47:30 ALS Bottle#: 49 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 480-112334-A-12
 Misc. Info.: 480-0059829-023
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 09:35:16 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK003

First Level Reviewer: farrellr

Date: 18-Jan-2017 09:35:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	99	91245	25.0	
* 2 Chlorobenzene-d5	82	13.758	13.757	0.001	86	198639	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.751	0.000	93	256073	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.450	-0.006	0	74352	26.6	
\$ 5 Toluene-d8 (Surr)	98	11.793	11.792	0.001	94	422512	24.4	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	163205	23.0	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.285				ND	
17 Vinyl chloride	62	4.510	4.516	-0.006	94	10206	2.23	
12 Bromomethane	94		5.064				ND	
13 Chloroethane	64		5.198				ND	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43		6.317				ND	
27 Carbon disulfide	76		6.670				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84	6.901	6.901	0.000	96	3015	0.4359	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96		7.224				ND	
40 1,1-Dichloroethane	63		7.747				ND	
44 2-Butanone (MEK)	43		8.392				ND	
43 cis-1,2-Dichloroethene	96	8.459	8.440	0.019	76	1881	0.2557	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.262				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.440				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92		11.884				ND	
78 trans-1,3-Dichloropropene	75		12.145				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.867				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.573				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.418				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.268				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22075.D

Injection Date: 18-Jan-2017 02:47:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: 480-112334-A-12

Lab Sample ID: 480-112334-12

Worklist Smp#: 23

Client ID: DPT-3

Purge Vol: 5.000 mL

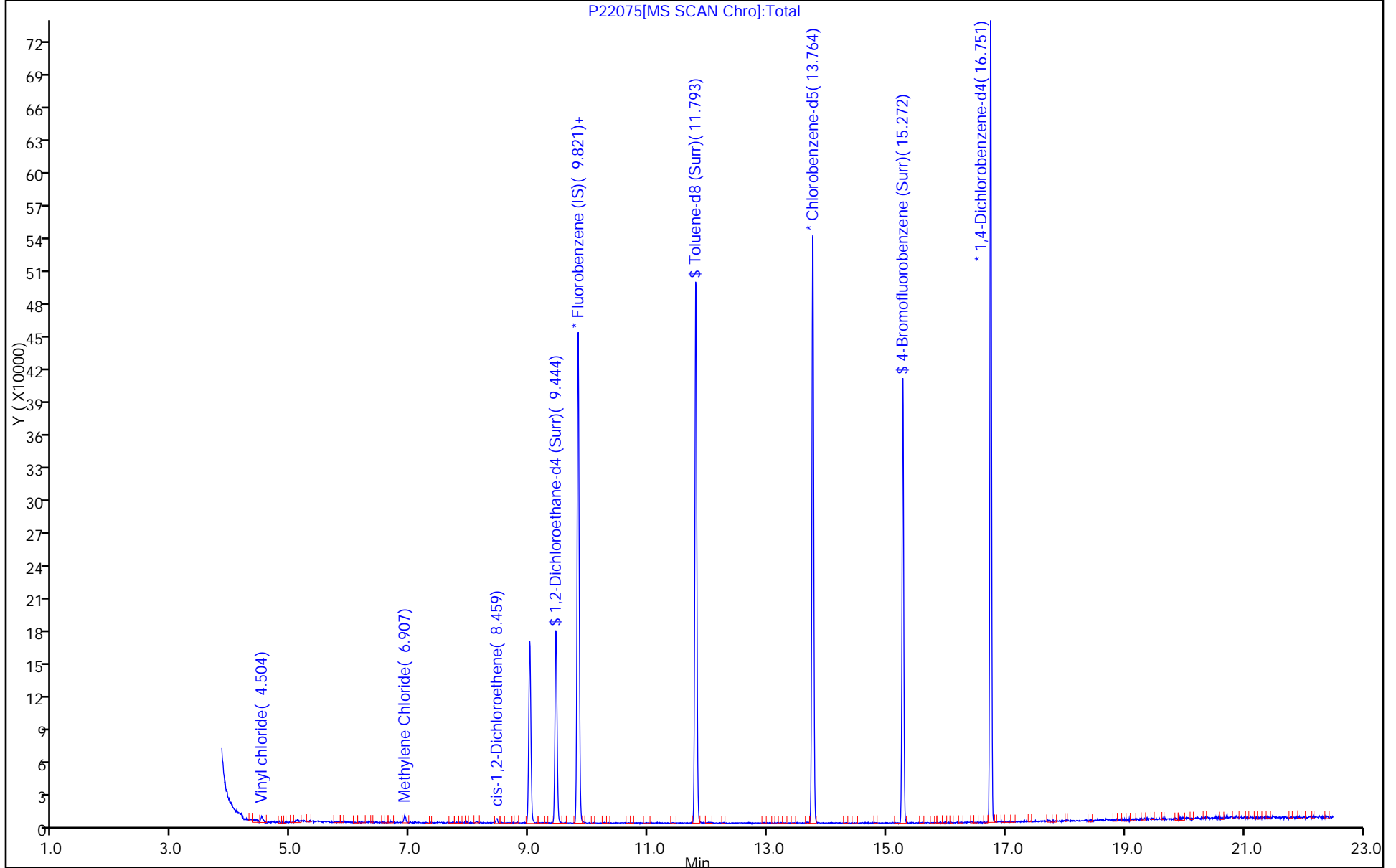
Dil. Factor: 20.0000

ALS Bottle#: 49

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22075.D

Injection Date: 18-Jan-2017 02:47:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-12

Lab Sample ID: 480-112334-12

Client ID: DPT-3

Operator ID: RR

ALS Bottle#: 49

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

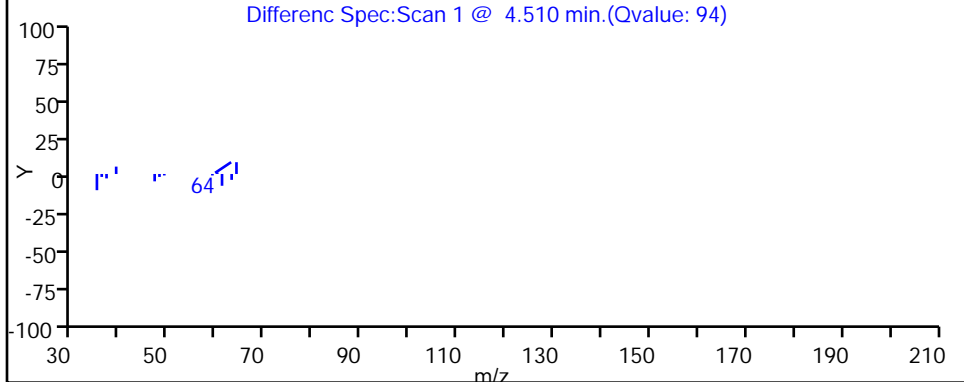
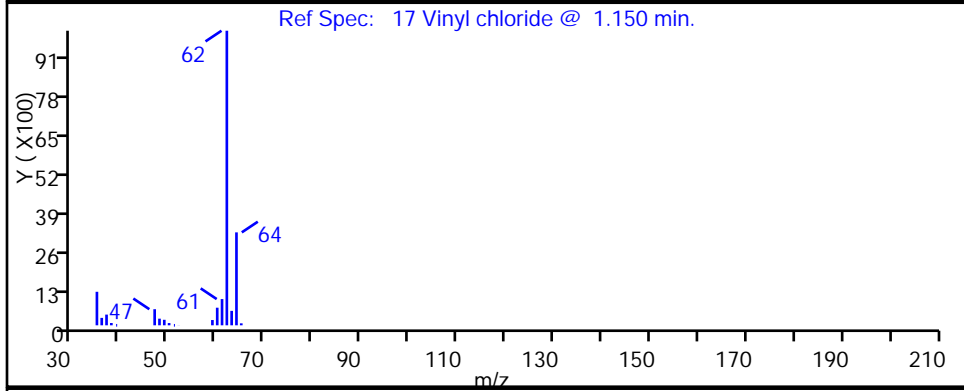
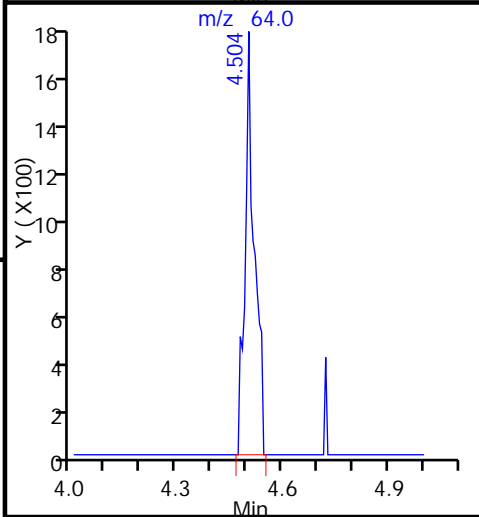
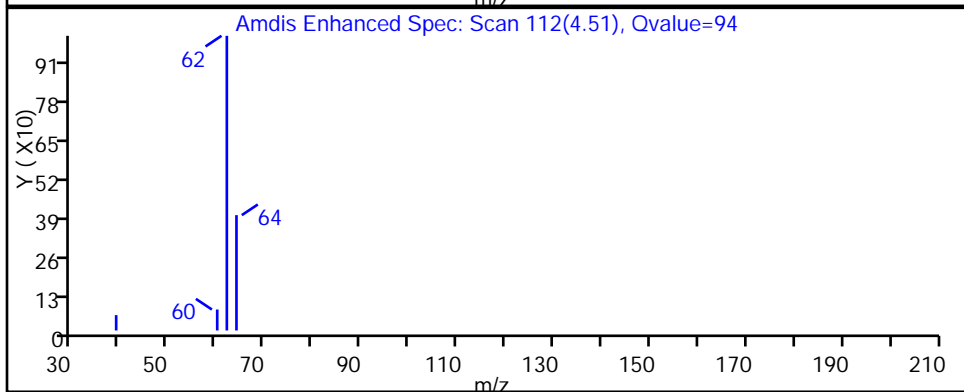
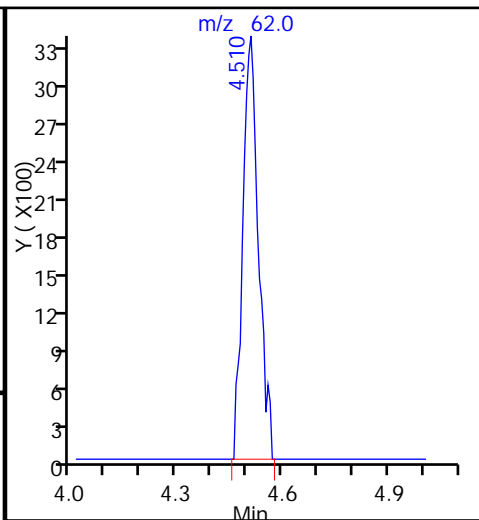
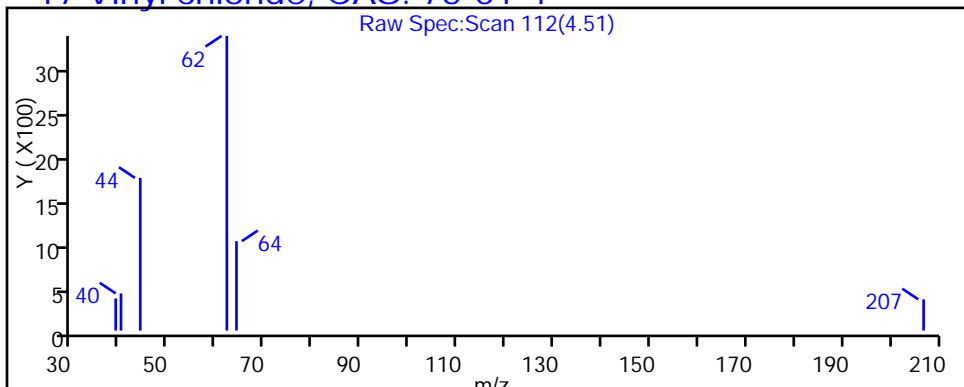
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-4 Lab Sample ID: 480-112334-13
 Matrix: Water Lab File ID: N2586.D
 Analysis Method: 8260C Date Collected: 01/16/2017 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 12:43
 Soil Aliquot Vol: _____ Dilution Factor: 100
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		100	82
79-34-5	1,1,2,2-Tetrachloroethane	ND		100	21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31
79-00-5	1,1,2-Trichloroethane	ND		100	23
75-34-3	1,1-Dichloroethane	ND		100	38
75-35-4	1,1-Dichloroethene	ND		100	29
120-82-1	1,2,4-Trichlorobenzene	ND		100	41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		100	39
106-93-4	1,2-Dibromoethane	ND		100	73
95-50-1	1,2-Dichlorobenzene	ND		100	79
107-06-2	1,2-Dichloroethane	ND		100	21
78-87-5	1,2-Dichloropropane	ND		100	72
541-73-1	1,3-Dichlorobenzene	ND		100	78
106-46-7	1,4-Dichlorobenzene	ND		100	84
78-93-3	2-Butanone (MEK)	ND		1000	130
591-78-6	2-Hexanone	ND		500	120
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	210
67-64-1	Acetone	ND		1000	300
71-43-2	Benzene	ND		100	41
75-27-4	Bromodichloromethane	ND		100	39
75-25-2	Bromoform	ND		100	26
74-83-9	Bromomethane	ND		100	69
75-15-0	Carbon disulfide	ND		100	19
56-23-5	Carbon tetrachloride	ND		100	27
108-90-7	Chlorobenzene	ND		100	75
75-00-3	Chloroethane	ND		100	32
67-66-3	Chloroform	ND		100	34
74-87-3	Chloromethane	ND		100	35
156-59-2	cis-1,2-Dichloroethene	4300		100	81
10061-01-5	cis-1,3-Dichloropropene	ND		100	36
110-82-7	Cyclohexane	ND		100	18
124-48-1	Dibromochloromethane	ND		100	32
75-71-8	Dichlorodifluoromethane	ND		100	68
100-41-4	Ethylbenzene	ND		100	74
98-82-8	Isopropylbenzene	ND		100	79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-4 Lab Sample ID: 480-112334-13
 Matrix: Water Lab File ID: N2586.D
 Analysis Method: 8260C Date Collected: 01/16/2017 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 12:43
 Soil Aliquot Vol: _____ Dilution Factor: 100
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND	*	250	130
1634-04-4	Methyl tert-butyl ether	ND		100	16
108-87-2	Methylcyclohexane	ND		100	16
75-09-2	Methylene Chloride	81	J	100	44
100-42-5	Styrene	ND		100	73
127-18-4	Tetrachloroethene	ND		100	36
108-88-3	Toluene	ND		100	51
156-60-5	trans-1,2-Dichloroethene	ND		100	90
10061-02-6	trans-1,3-Dichloropropene	ND		100	37
79-01-6	Trichloroethene	ND		100	46
75-69-4	Trichlorofluoromethane	ND		100	88
75-01-4	Vinyl chloride	1100		100	90
1330-20-7	Xylenes, Total	ND		200	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	91		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2586.D
 Lims ID: 480-112334-C-13
 Client ID: DPT-4
 Sample Type: Client
 Inject. Date: 18-Jan-2017 12:43:30 ALS Bottle#: 10 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 100.0000
 Sample Info: 480-112334-c-13
 Misc. Info.: 480-0059834-010
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 17:34:05 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: youngmans

Date: 18-Jan-2017 17:34:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	91081	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	352831	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	179403	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	120600	24.2	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	91	409391	22.7	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	96	148727	24.4	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.525				ND	
14 Vinyl chloride	62	1.628	1.634	-0.006	97	65964	10.6	
15 Bromomethane	94		1.926				ND	
16 Chloroethane	64		2.036				ND	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96		2.772				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.778				ND	
23 Acetone	43		2.863				ND	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.174				ND	
30 Methylene Chloride	84	3.271	3.265	0.006	92	4804	0.8131	
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96		3.508				ND	
36 1,1-Dichloroethane	63		3.916				ND	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	79	254639	42.6	
44 2-Butanone (MEK)	43		4.494				ND	
50 Chloroform	83		4.774				ND	
51 1,1,1-Trichloroethane	97		4.907				ND	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95		5.869				ND	
62 Methylcyclohexane	83		6.015				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.380				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92		7.110				ND	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.655				ND	
90 m-Xylene & p-Xylene	106		8.777				ND	
91 o-Xylene	106		9.202				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.586				ND	
98 1,1,2,2-Tetrachloroethane	83		9.957				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.924				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.989				ND	
119 1,2,4-Trichlorobenzene	180		12.688				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00236

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2586.D

Injection Date: 18-Jan-2017 12:43:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-C-13

Lab Sample ID: 480-112334-13

Worklist Smp#: 10

Client ID: DPT-4

Purge Vol: 5.000 mL

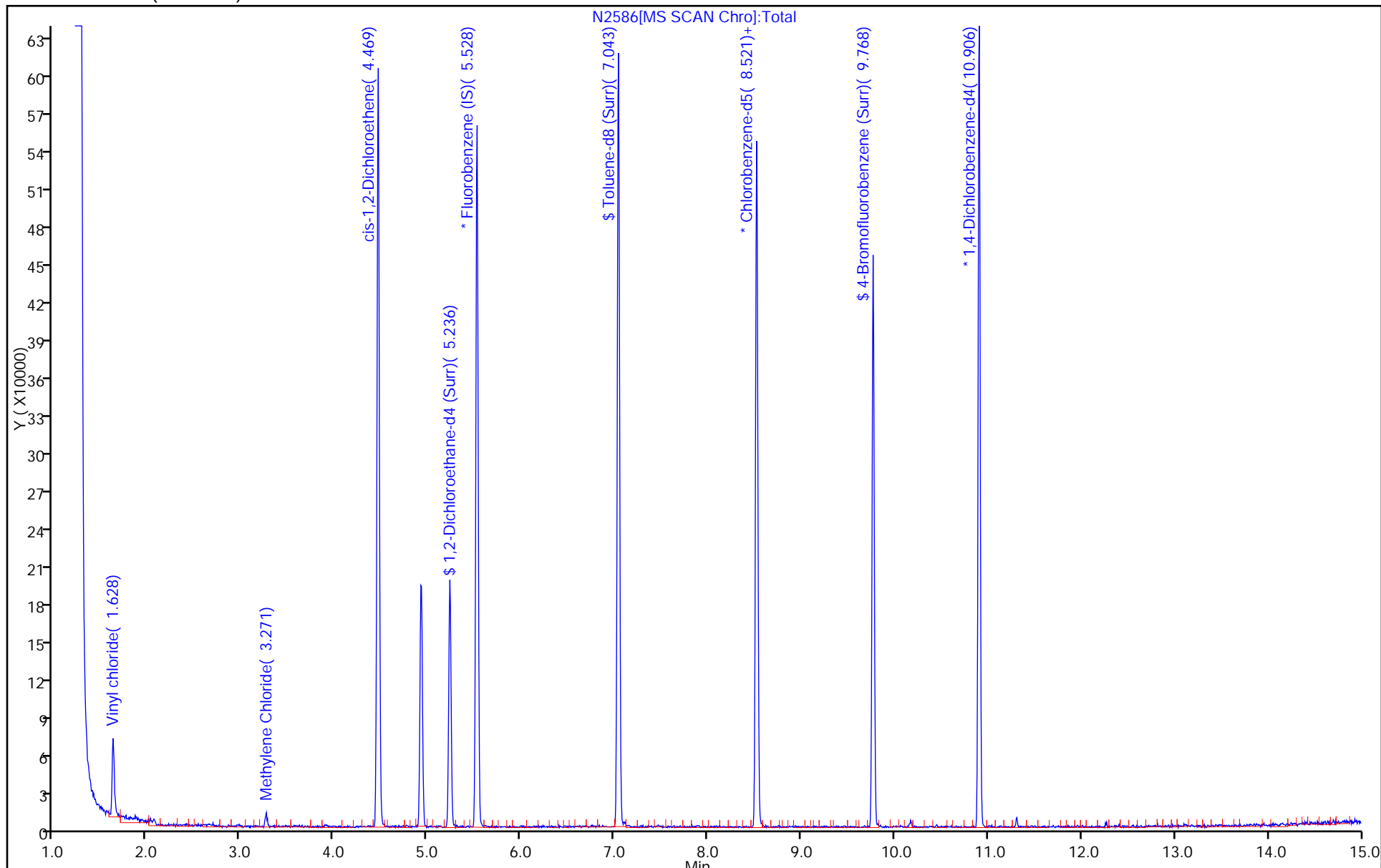
Dil. Factor: 100.0000

ALS Bottle#: 10

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2586.D

Injection Date: 18-Jan-2017 12:43:30

Instrument ID: HP5973N

Lims ID: 480-112334-C-13

Lab Sample ID: 480-112334-13

Client ID: DPT-4

Operator ID: nea

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

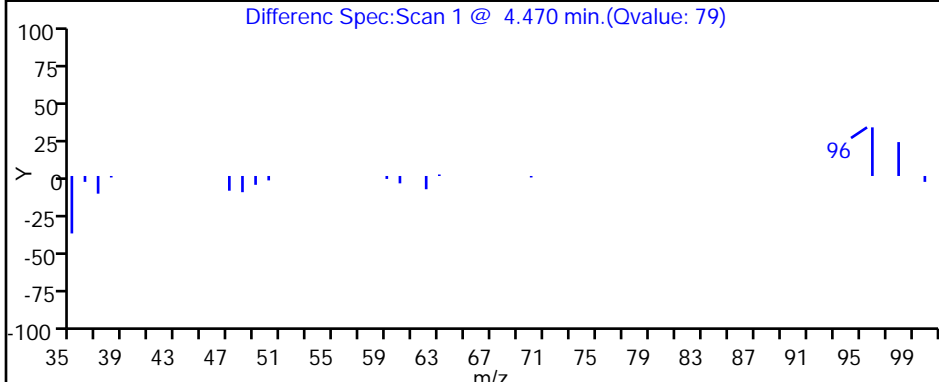
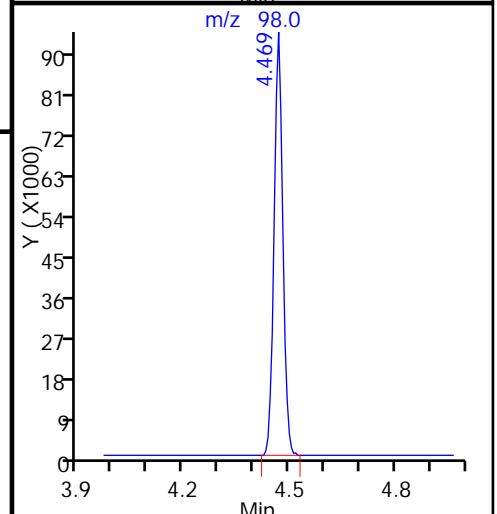
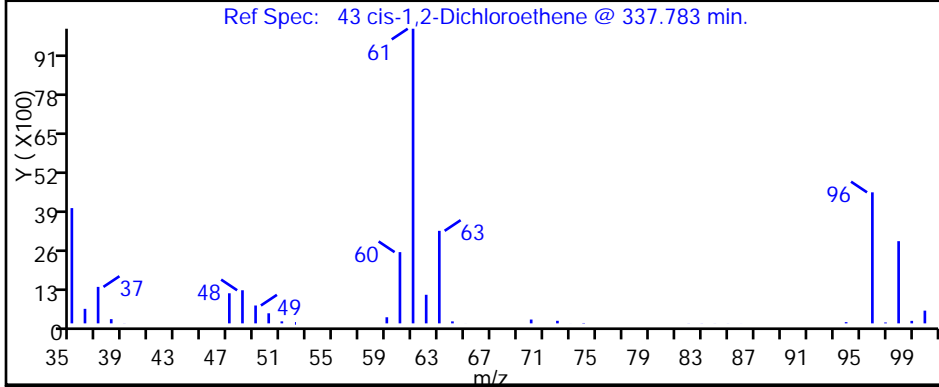
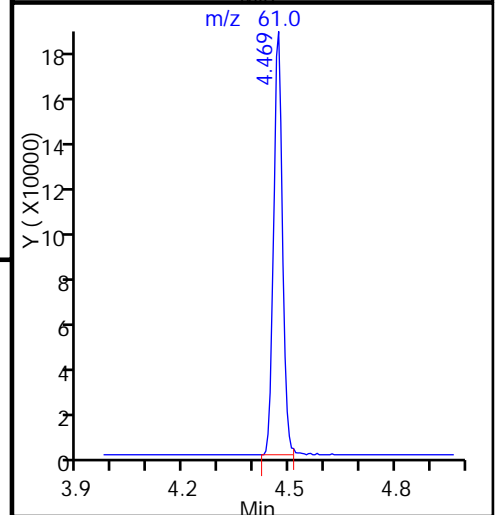
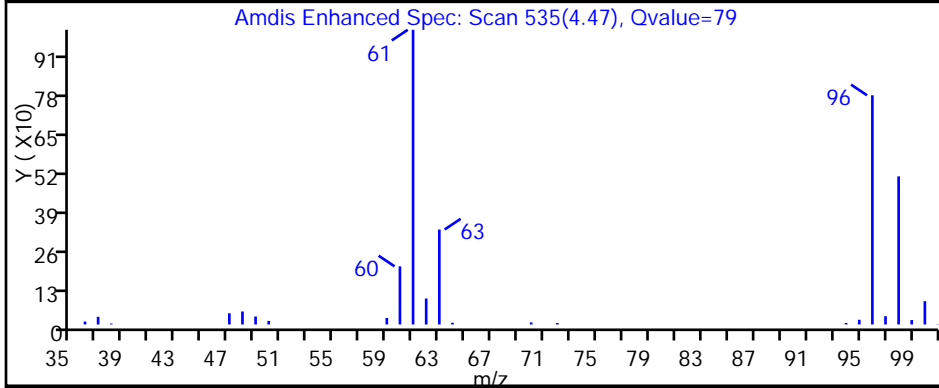
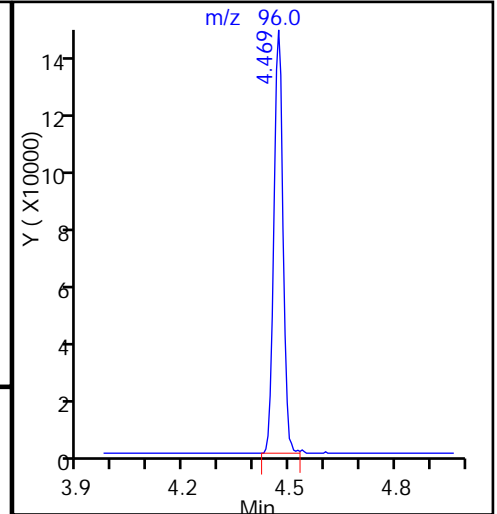
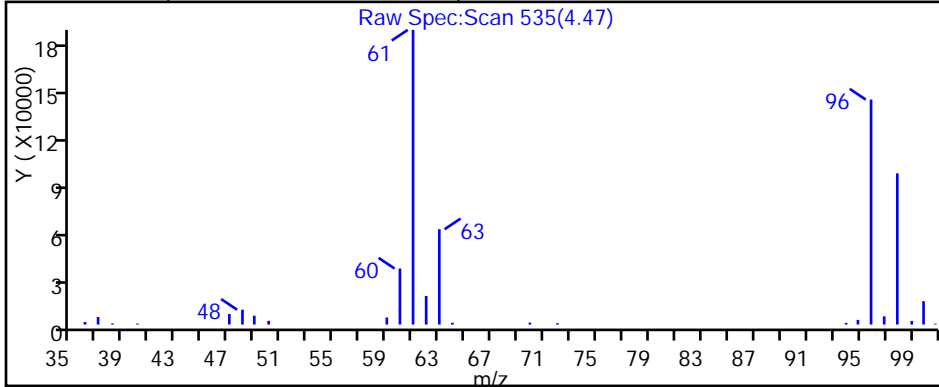
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2586.D

Injection Date: 18-Jan-2017 12:43:30

Instrument ID: HP5973N

Lims ID: 480-112334-C-13

Lab Sample ID: 480-112334-13

Client ID: DPT-4

Operator ID: nea

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

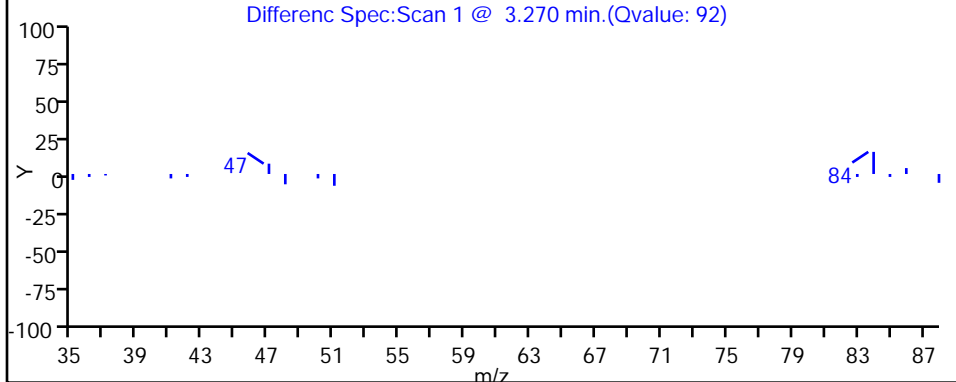
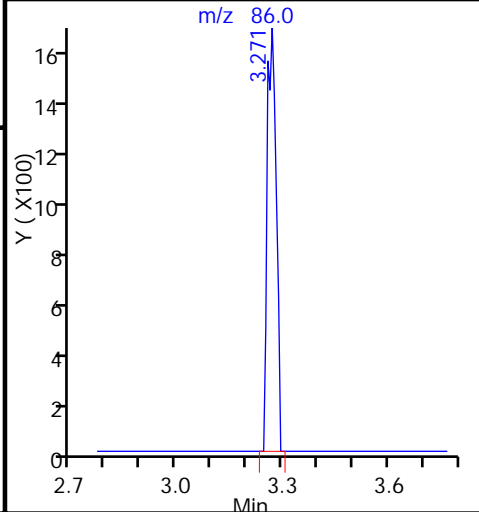
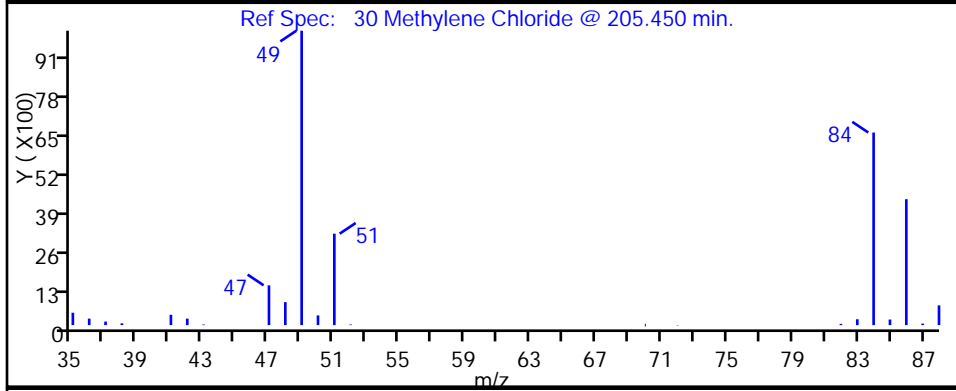
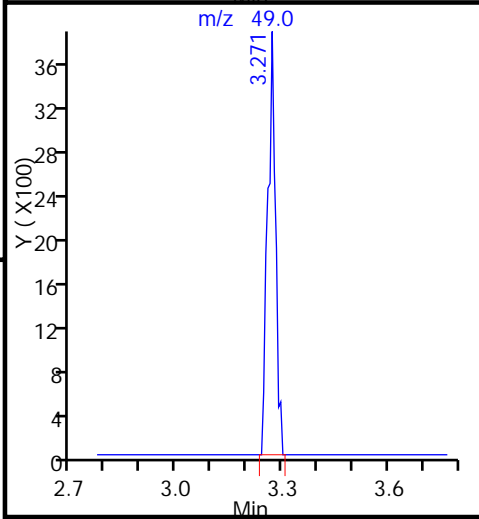
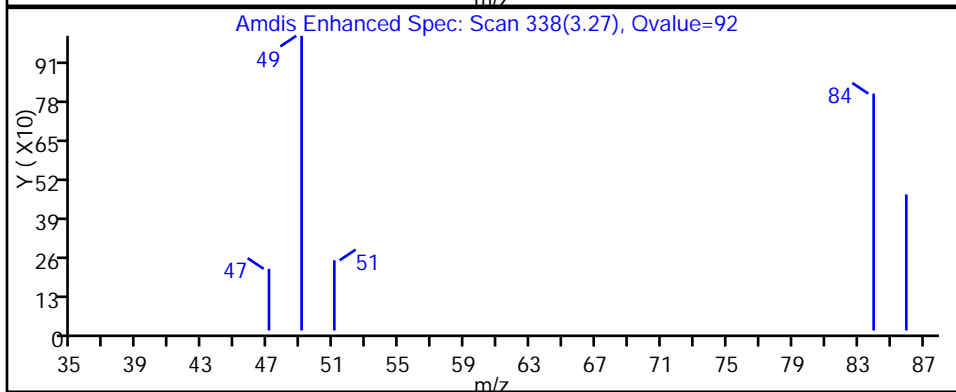
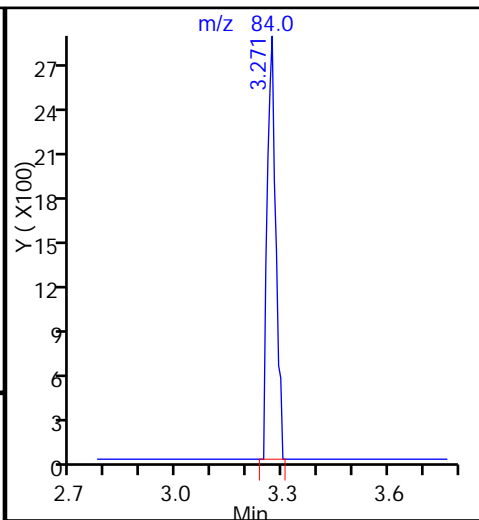
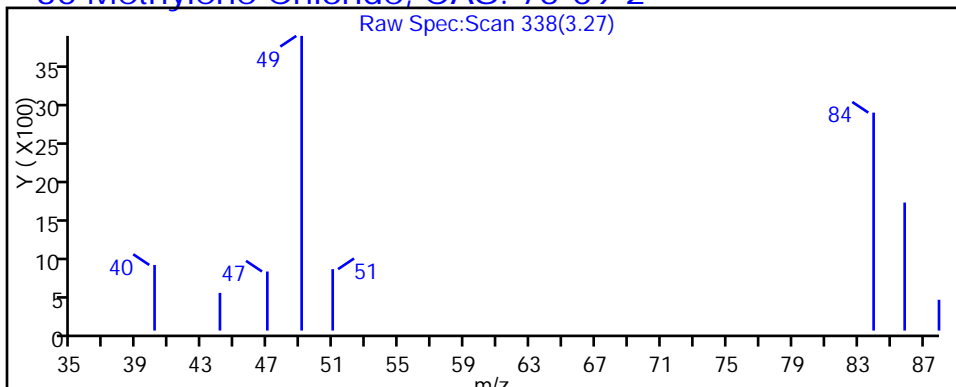
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2586.D

Injection Date: 18-Jan-2017 12:43:30

Instrument ID: HP5973N

Lims ID: 480-112334-C-13

Lab Sample ID: 480-112334-13

Client ID: DPT-4

Operator ID: nea

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

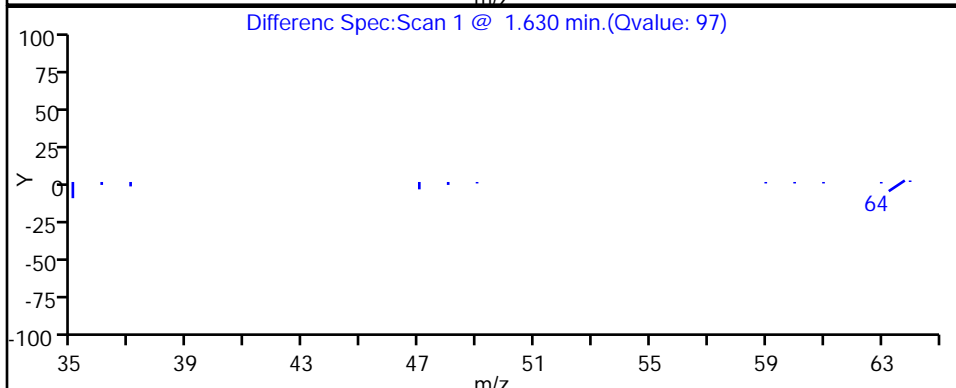
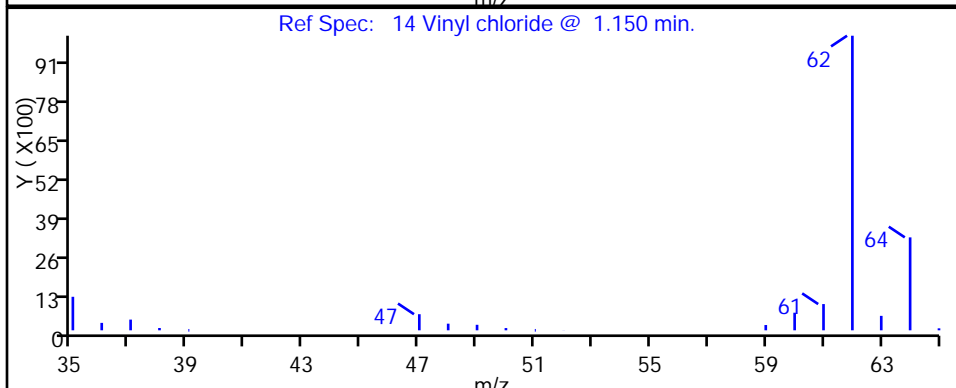
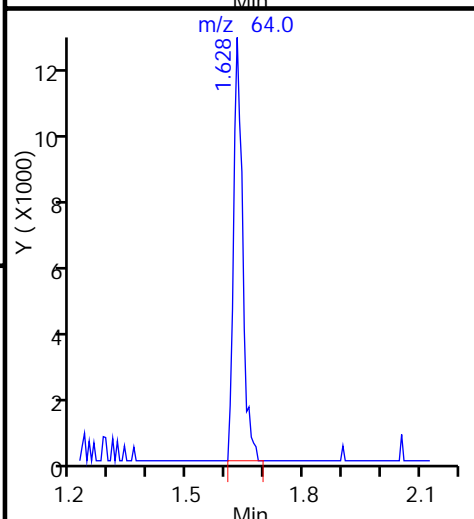
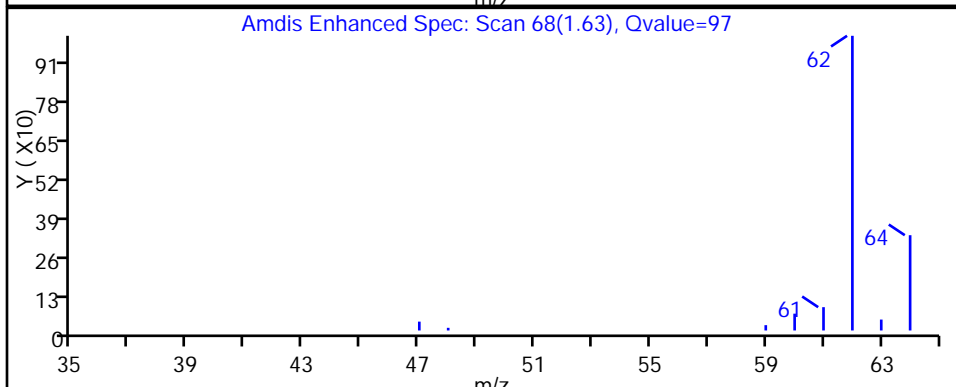
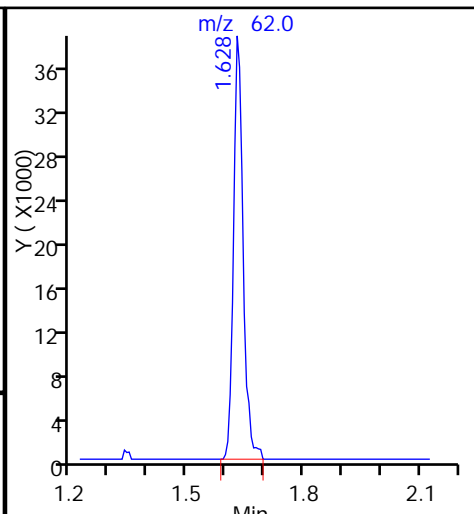
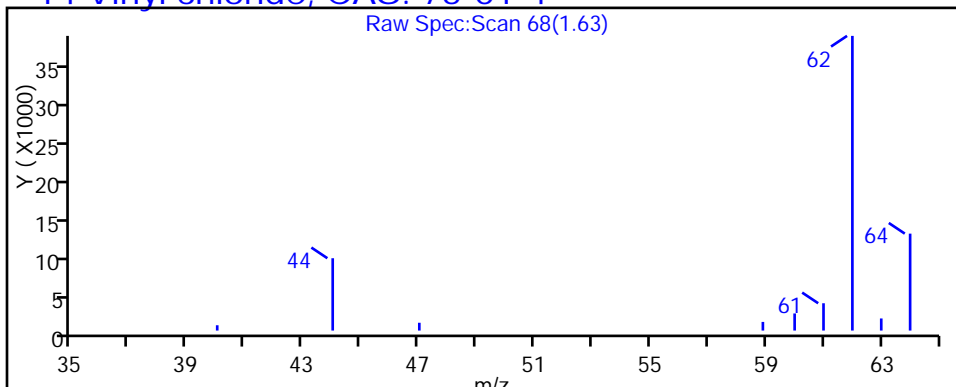
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-5 Lab Sample ID: 480-112334-14
 Matrix: Water Lab File ID: P22077.D
 Analysis Method: 8260C Date Collected: 01/16/2017 15:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 03:42
 Soil Aliquot Vol: _____ Dilution Factor: 50
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		50	41
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	11
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16
79-00-5	1,1,2-Trichloroethane	ND		50	12
75-34-3	1,1-Dichloroethane	150		50	19
75-35-4	1,1-Dichloroethene	82		50	15
120-82-1	1,2,4-Trichlorobenzene	ND		50	21
96-12-8	1,2-Dibromo-3-Chloropropane	ND		50	20
106-93-4	1,2-Dibromoethane	ND		50	37
95-50-1	1,2-Dichlorobenzene	ND		50	40
107-06-2	1,2-Dichloroethane	ND		50	11
78-87-5	1,2-Dichloropropane	ND		50	36
541-73-1	1,3-Dichlorobenzene	ND		50	39
106-46-7	1,4-Dichlorobenzene	ND		50	42
78-93-3	2-Butanone (MEK)	ND		500	66
591-78-6	2-Hexanone	ND		250	62
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	110
67-64-1	Acetone	160	J	500	150
71-43-2	Benzene	ND		50	21
75-27-4	Bromodichloromethane	ND		50	20
75-25-2	Bromoform	ND		50	13
74-83-9	Bromomethane	ND	F2 *	50	35
75-15-0	Carbon disulfide	ND		50	9.5
56-23-5	Carbon tetrachloride	ND		50	14
108-90-7	Chlorobenzene	ND		50	38
75-00-3	Chloroethane	130		50	16
67-66-3	Chloroform	ND		50	17
74-87-3	Chloromethane	ND		50	18
156-59-2	cis-1,2-Dichloroethene	32000	E	50	41
10061-01-5	cis-1,3-Dichloropropene	ND		50	18
110-82-7	Cyclohexane	ND		50	9.0
124-48-1	Dibromochloromethane	ND		50	16
75-71-8	Dichlorodifluoromethane	ND		50	34
100-41-4	Ethylbenzene	ND		50	37
98-82-8	Isopropylbenzene	ND		50	40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-5 Lab Sample ID: 480-112334-14
 Matrix: Water Lab File ID: P22077.D
 Analysis Method: 8260C Date Collected: 01/16/2017 15:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 03:42
 Soil Aliquot Vol: _____ Dilution Factor: 50
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		130	65
1634-04-4	Methyl tert-butyl ether	ND		50	8.0
108-87-2	Methylcyclohexane	ND		50	8.0
75-09-2	Methylene Chloride	26	J	50	22
100-42-5	Styrene	ND		50	37
127-18-4	Tetrachloroethene	ND		50	18
108-88-3	Toluene	37	J	50	26
156-60-5	trans-1,2-Dichloroethene	ND		50	45
10061-02-6	trans-1,3-Dichloropropene	ND		50	19
79-01-6	Trichloroethene	250		50	23
75-69-4	Trichlorofluoromethane	ND		50	44
75-01-4	Vinyl chloride	6600	E	50	45
1330-20-7	Xylenes, Total	ND		100	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-120
460-00-4	4-Bromofluorobenzene (Surr)	93		73-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D
 Lims ID: 480-112334-A-14
 Client ID: DPT-5
 Sample Type: Client
 Inject. Date: 18-Jan-2017 03:42:30 ALS Bottle#: 51 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 480-112334-A-14
 Misc. Info.: 480-0059829-025
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 09:35:16 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK003

First Level Reviewer: farrellr

Date: 18-Jan-2017 09:39:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	99	90607	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	86	192847	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.751	0.000	93	248700	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	76428	27.5	
\$ 5 Toluene-d8 (Surr)	98	11.799	11.792	0.006	94	410732	24.4	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	159929	23.3	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.285				ND	
17 Vinyl chloride	62	4.535	4.516	0.019	98	596743	131.2	E
12 Bromomethane	94		5.064				ND	
13 Chloroethane	64	5.204	5.198	0.006	97	10710	2.58	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238				ND	
25 1,1-Dichloroethene	96	6.293	6.281	0.012	93	9459	1.63	
24 Acetone	43	6.329	6.317	0.012	97	9128	3.27	
27 Carbon disulfide	76		6.670				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84	6.901	6.901	0.000	89	3512	0.5113	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96	7.230	7.224	0.006	87	2537	0.3953	
40 1,1-Dichloroethane	63	7.747	7.747	0.000	96	37162	3.06	
44 2-Butanone (MEK)	43		8.392				ND	
43 cis-1,2-Dichloroethene	96	8.453	8.440	0.013	83	4605425	630.3	E
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.262				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95	10.272	10.265	0.007	94	32941	5.06	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.440				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92	11.896	11.884	0.012	96	10273	0.7329	
78 trans-1,3-Dichloropropene	75		12.145				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.867				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.573				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.418				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.268				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D

Injection Date: 18-Jan-2017 03:42:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: 480-112334-A-14

Lab Sample ID: 480-112334-14

Worklist Smp#: 25

Client ID: DPT-5

Purge Vol: 5.000 mL

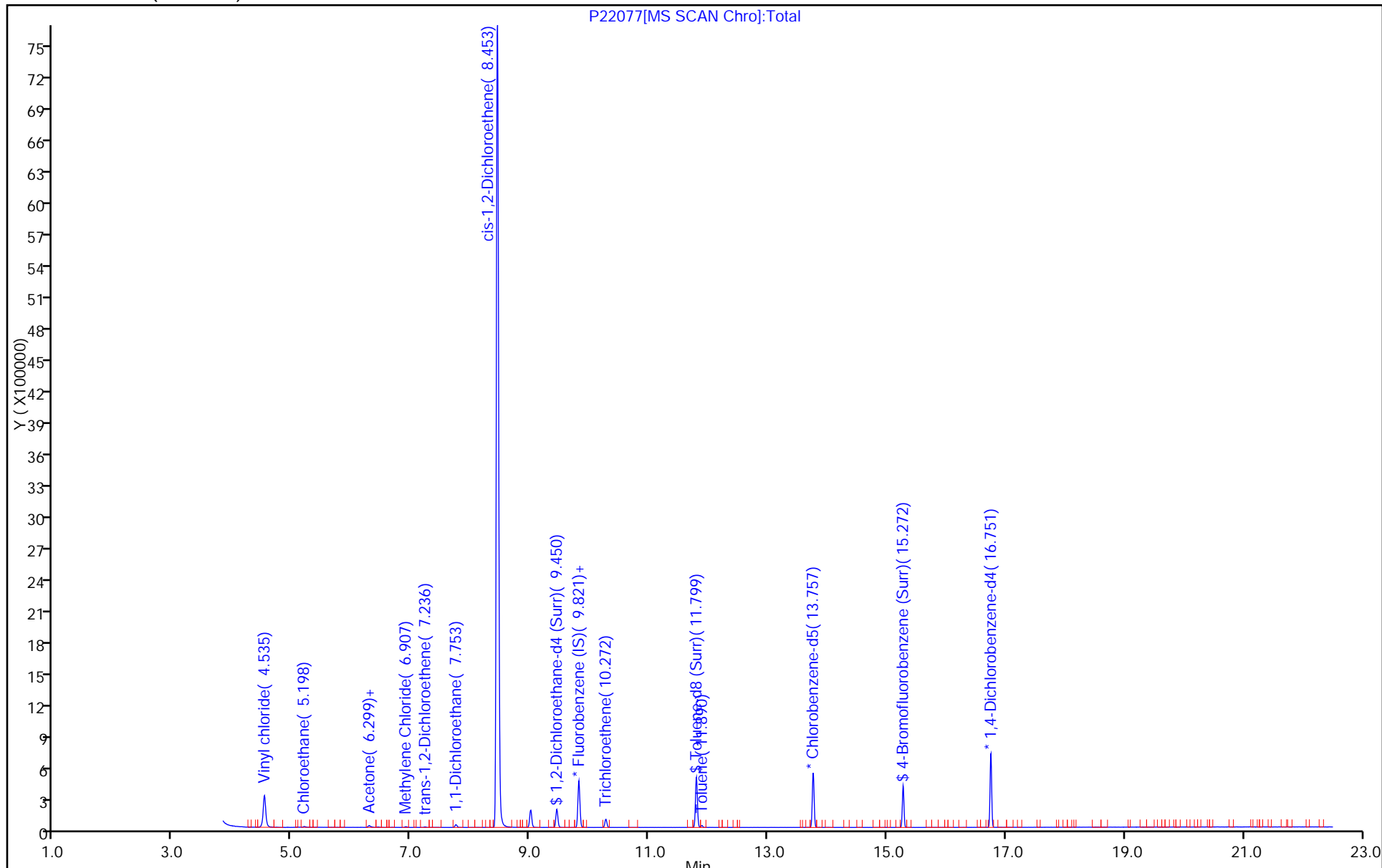
Dil. Factor: 50.0000

ALS Bottle#: 51

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D

Injection Date: 18-Jan-2017 03:42:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: RR

ALS Bottle#: 51

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

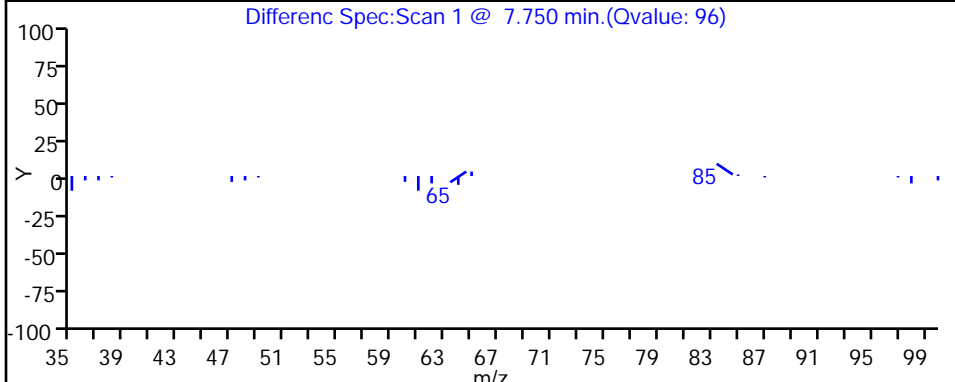
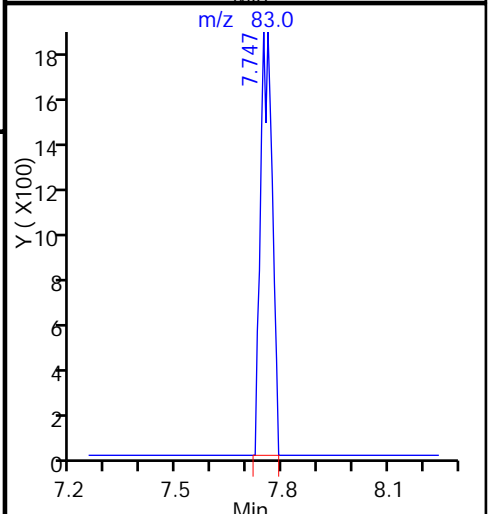
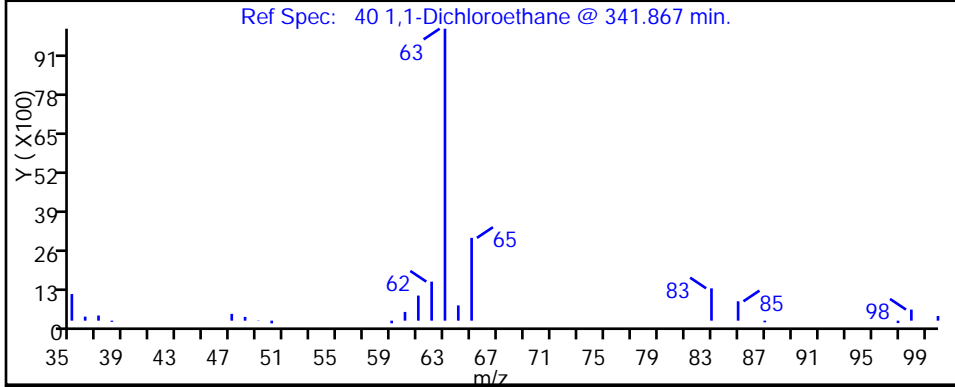
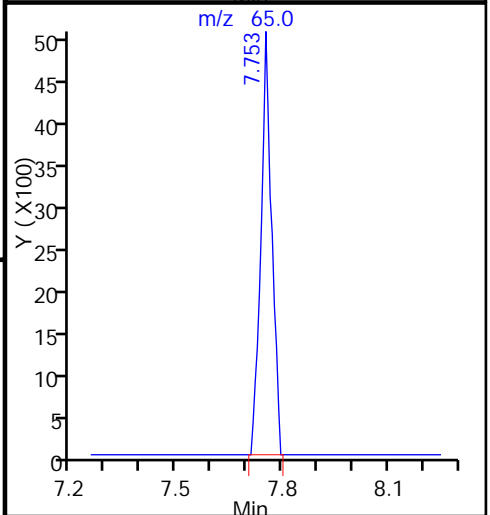
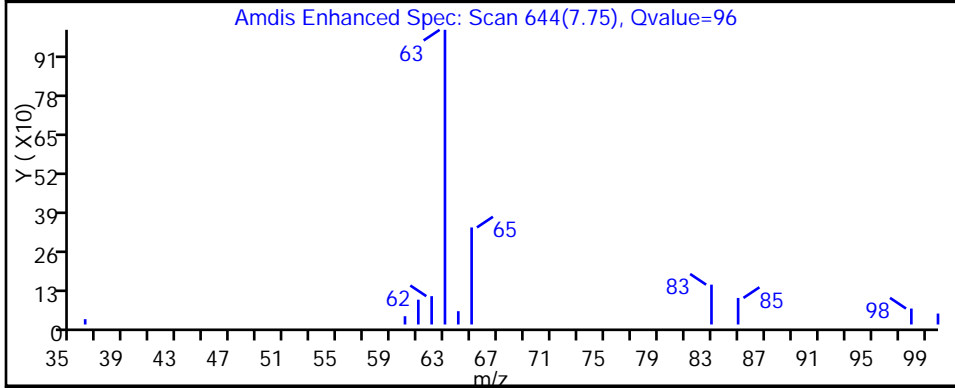
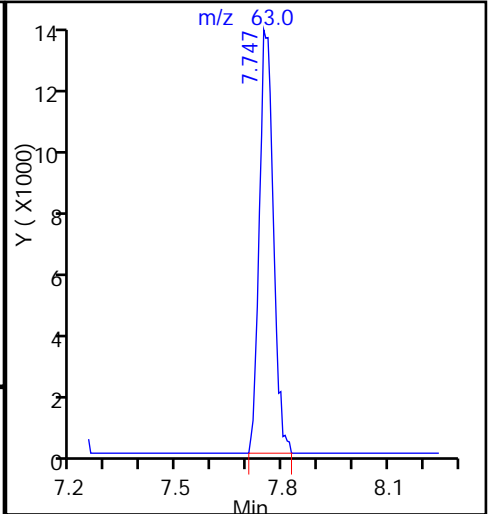
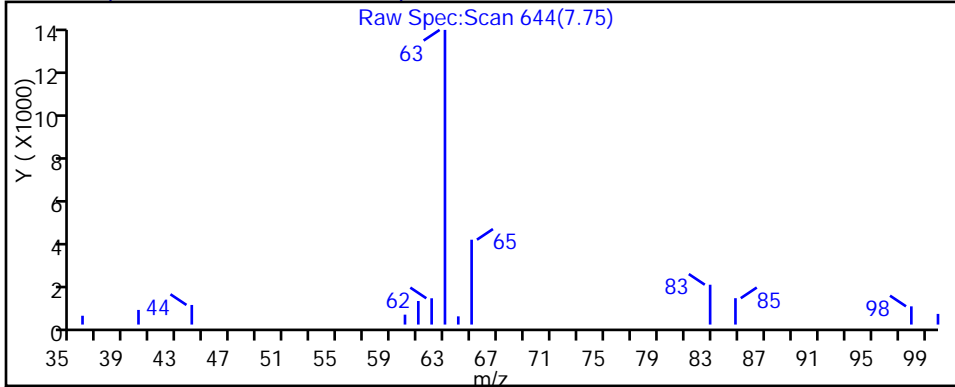
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

40 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D

Injection Date: 18-Jan-2017 03:42:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: RR

ALS Bottle#: 51

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

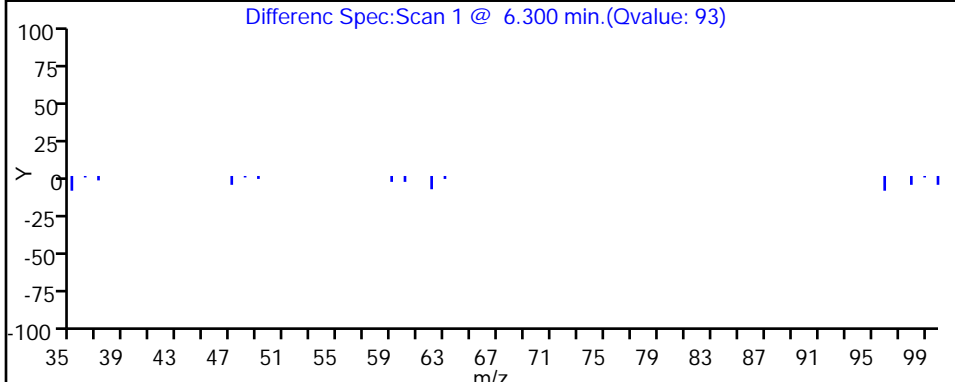
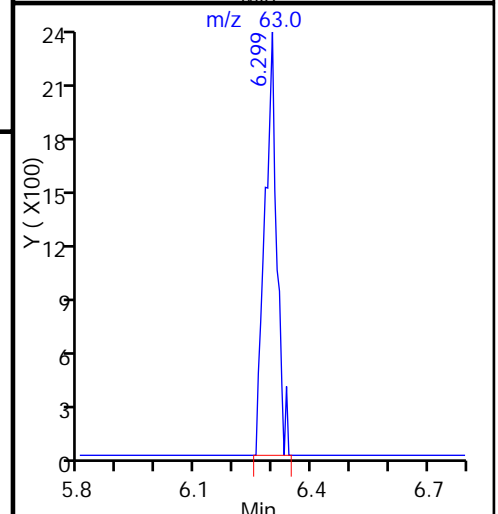
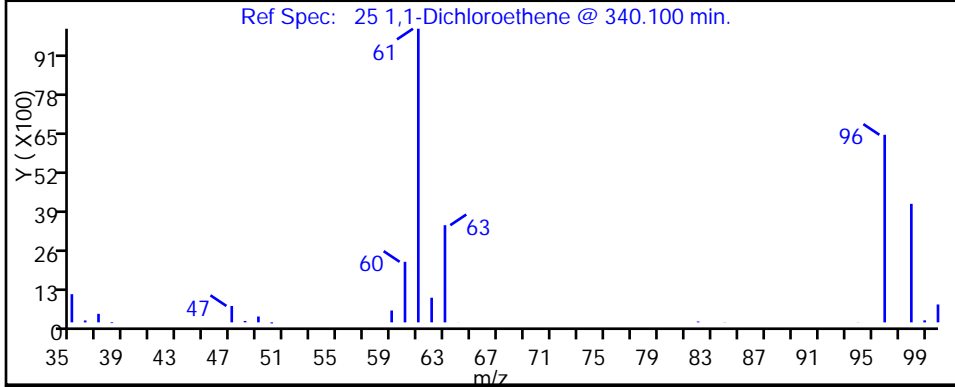
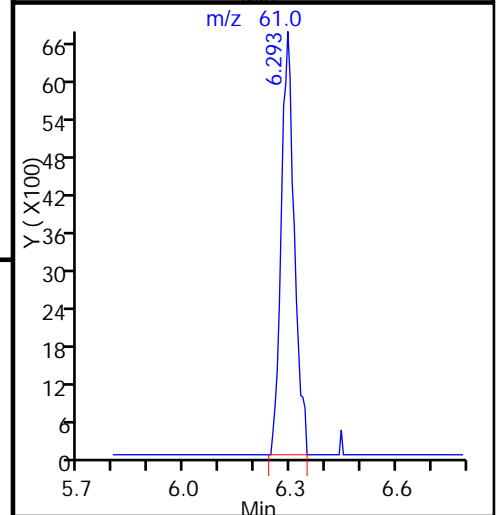
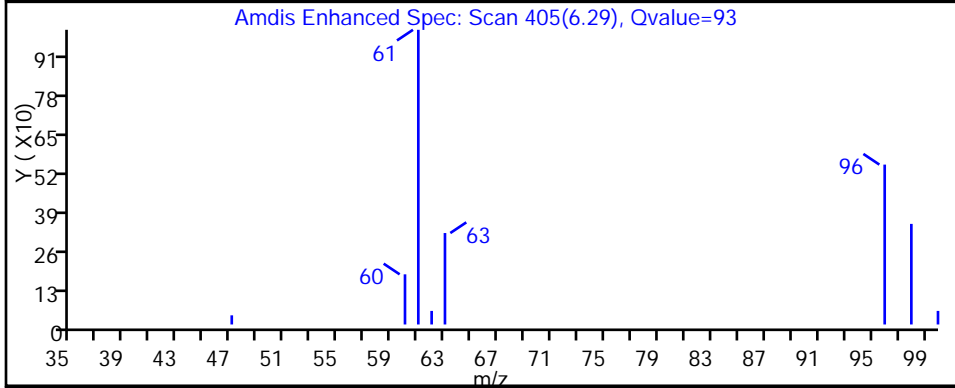
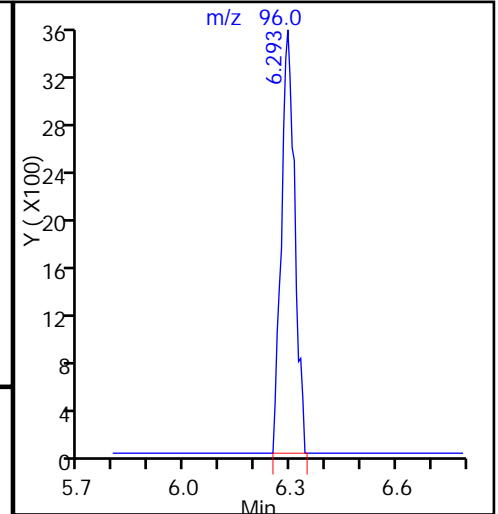
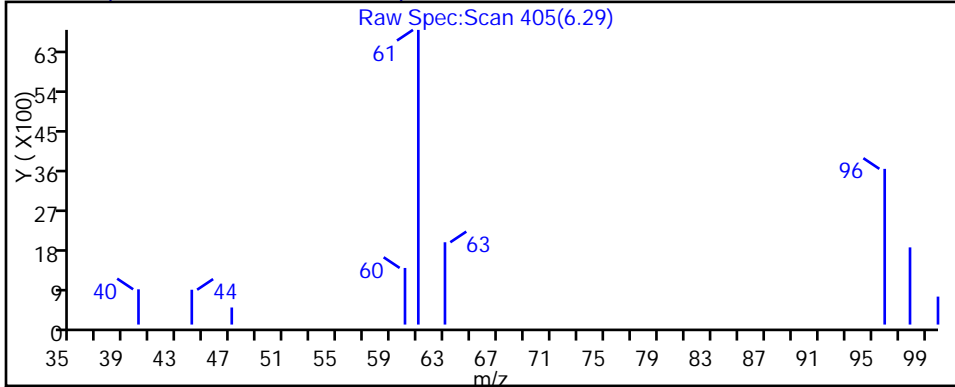
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

25 1,1-Dichloroethene, CAS: 75-35-4



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D

Injection Date: 18-Jan-2017 03:42:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: RR

ALS Bottle#: 51

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

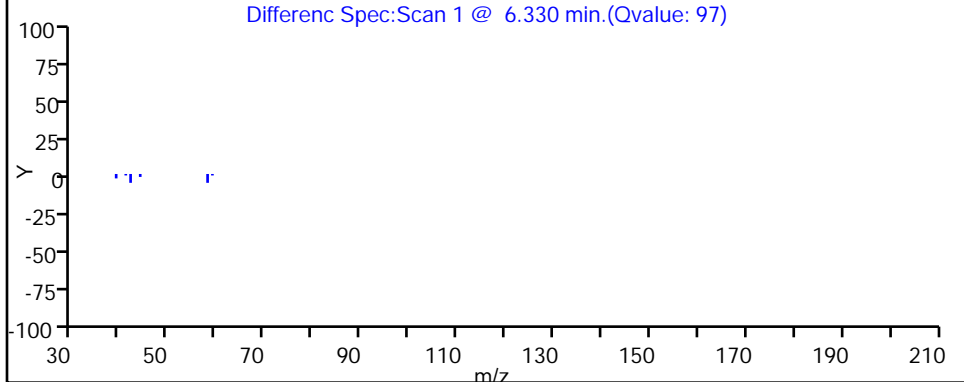
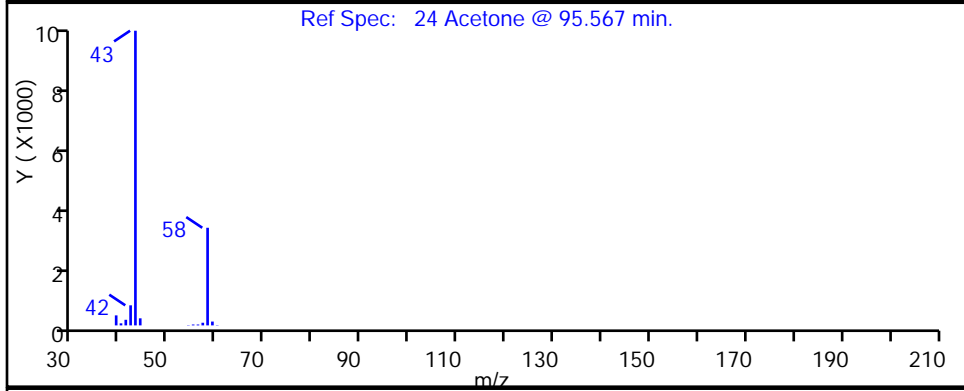
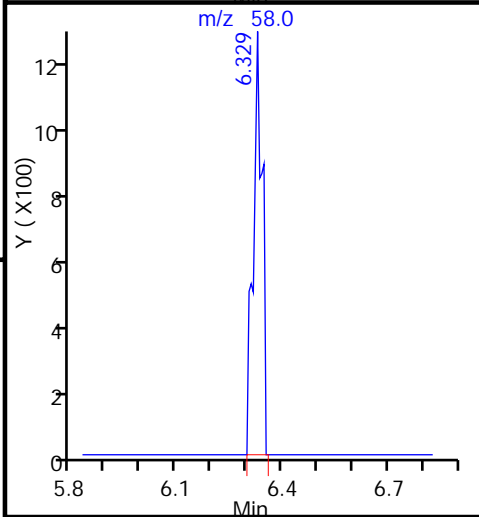
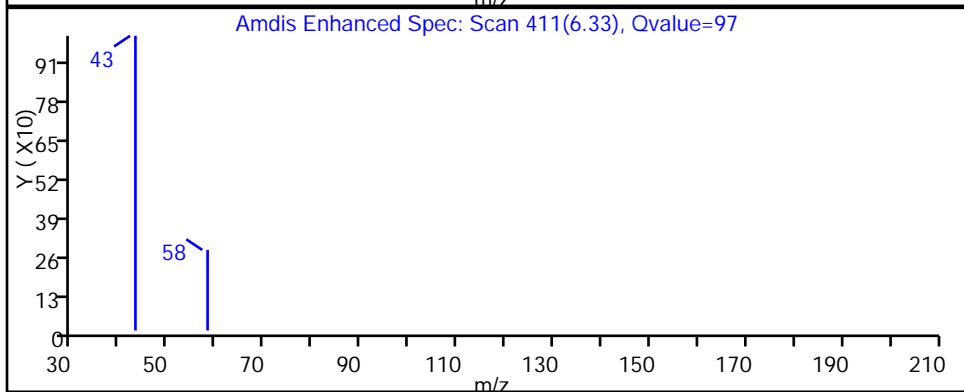
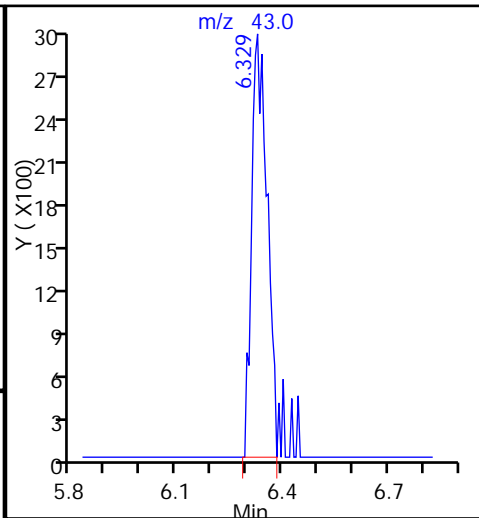
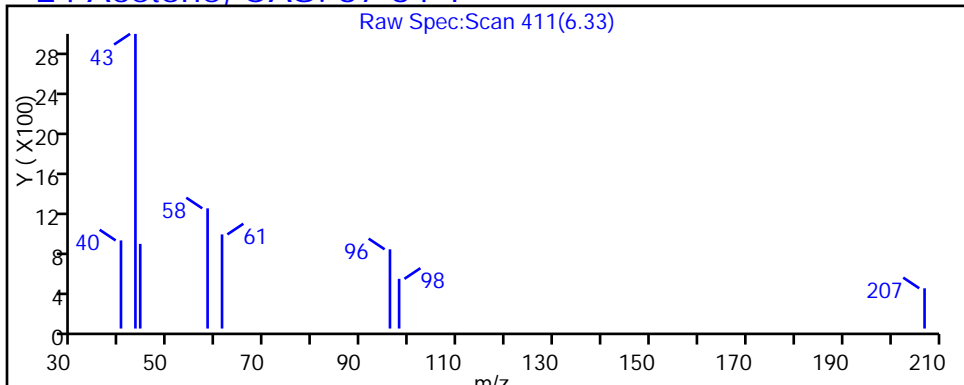
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

24 Acetone, CAS: 67-64-1



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D

Injection Date: 18-Jan-2017 03:42:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: RR

ALS Bottle#: 51

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

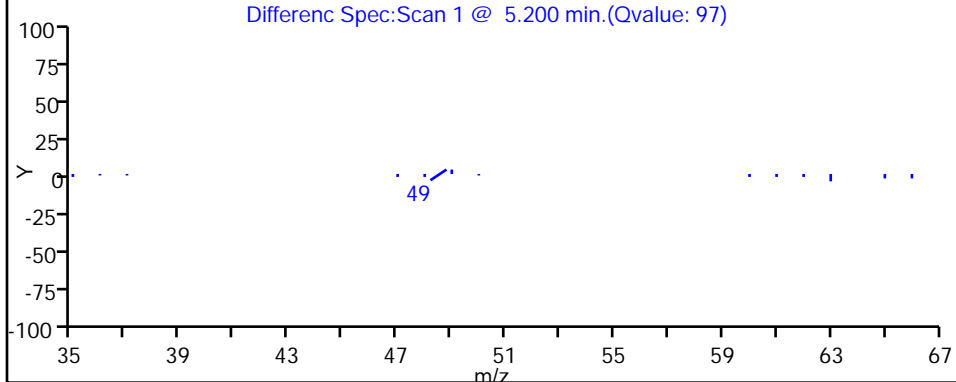
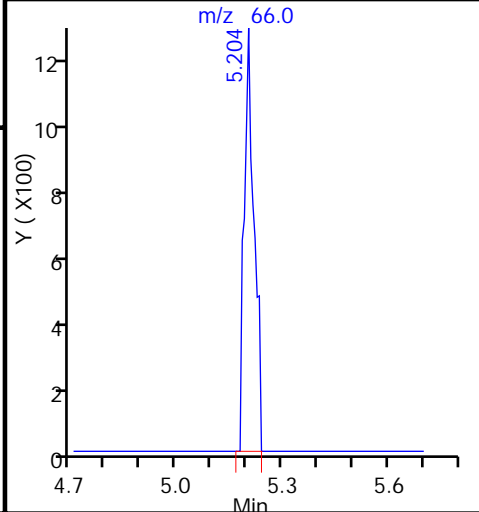
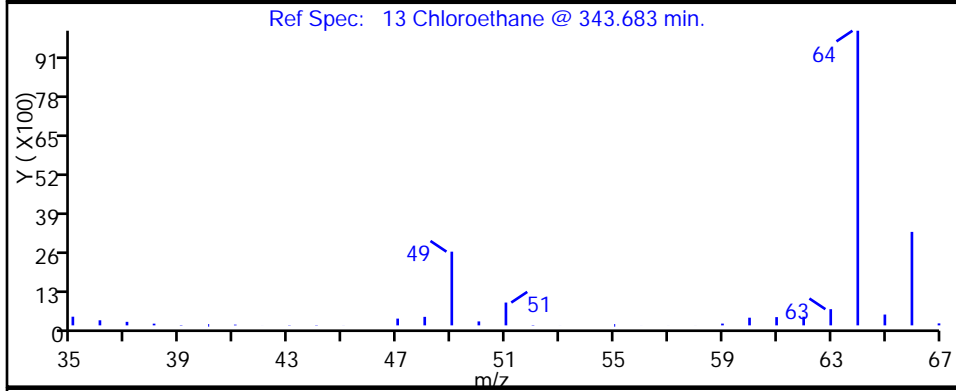
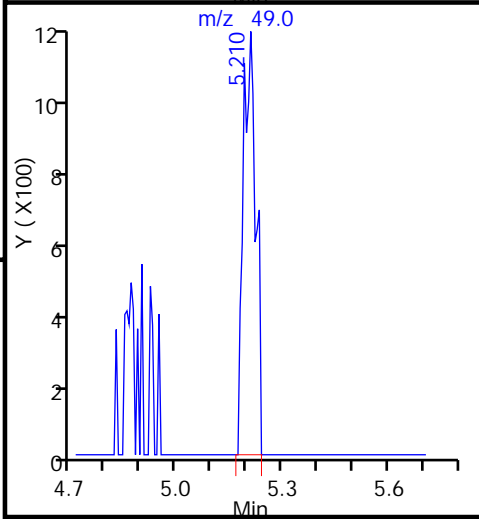
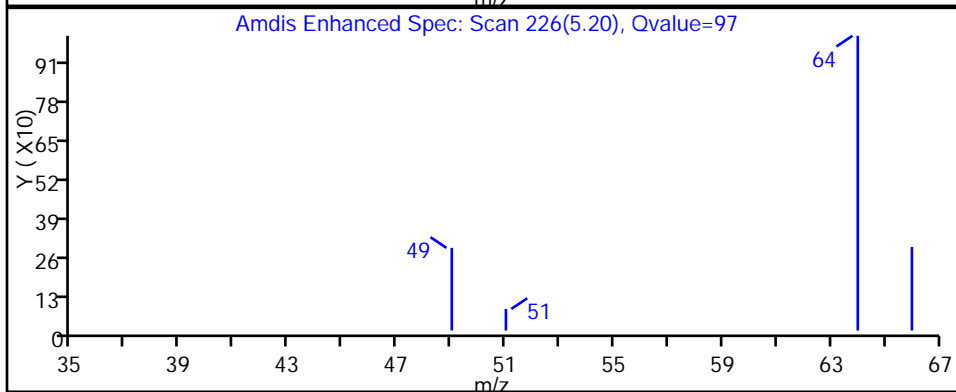
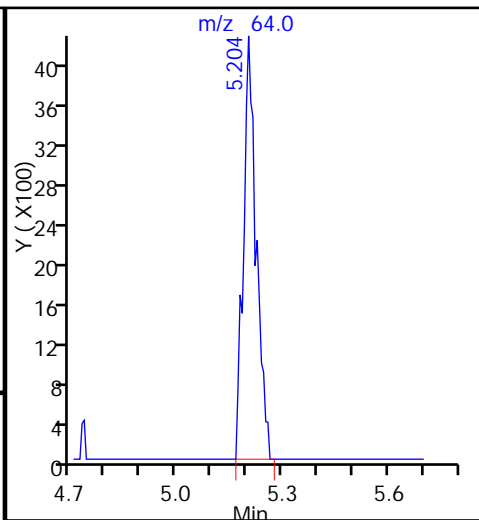
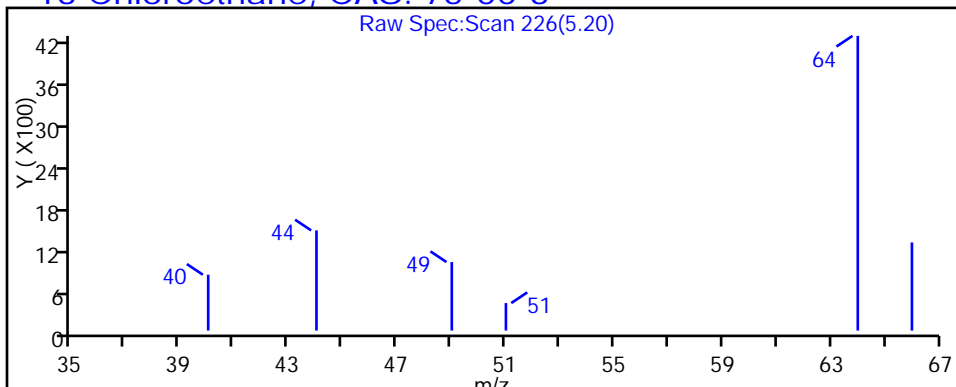
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D

Injection Date: 18-Jan-2017 03:42:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: RR

ALS Bottle#: 51

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

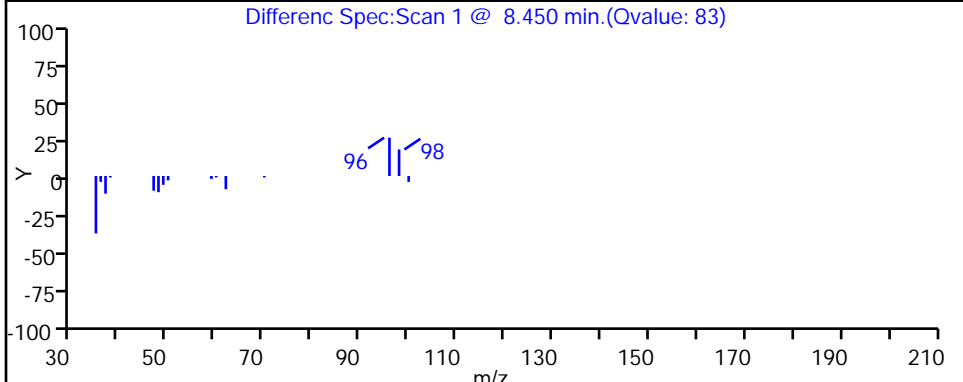
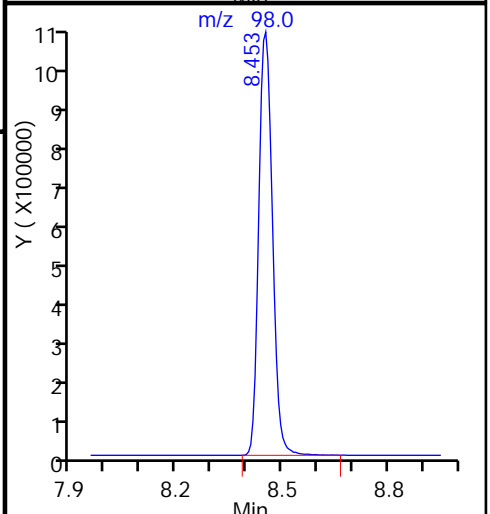
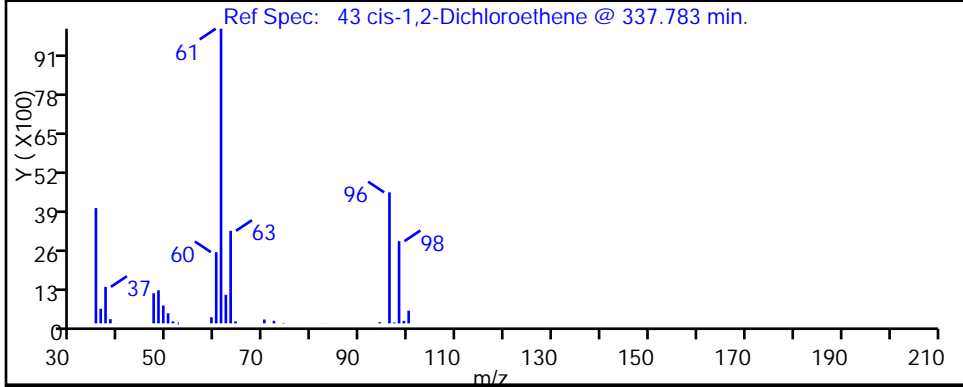
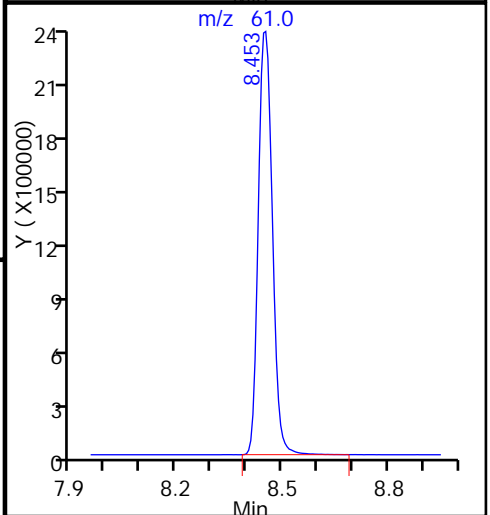
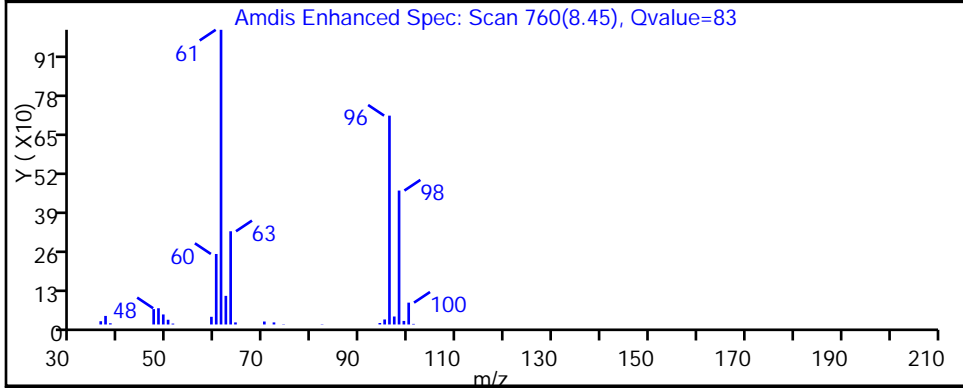
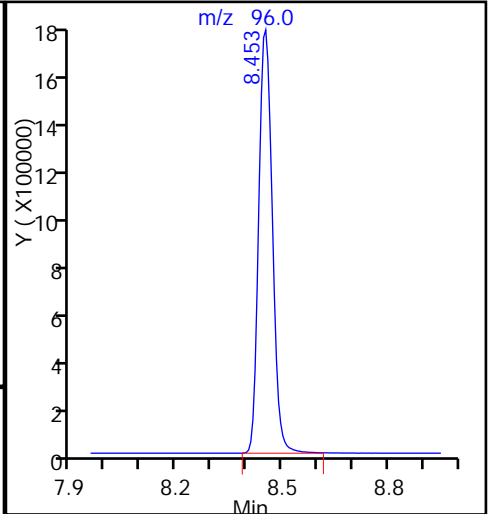
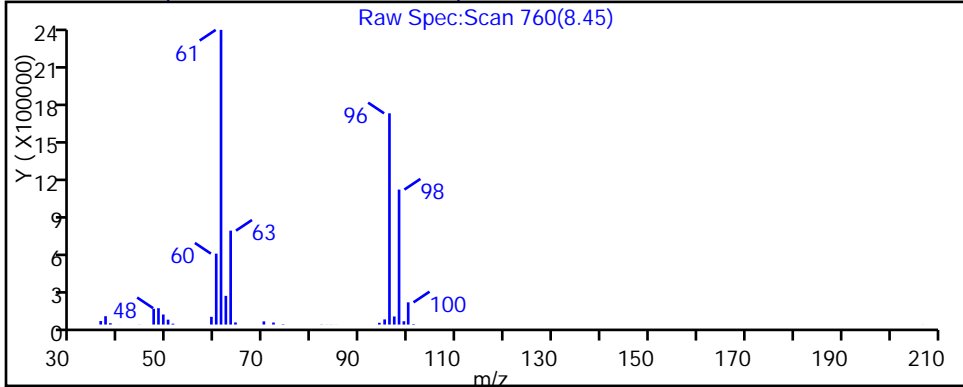
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D

Injection Date: 18-Jan-2017 03:42:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: RR

ALS Bottle#: 51

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

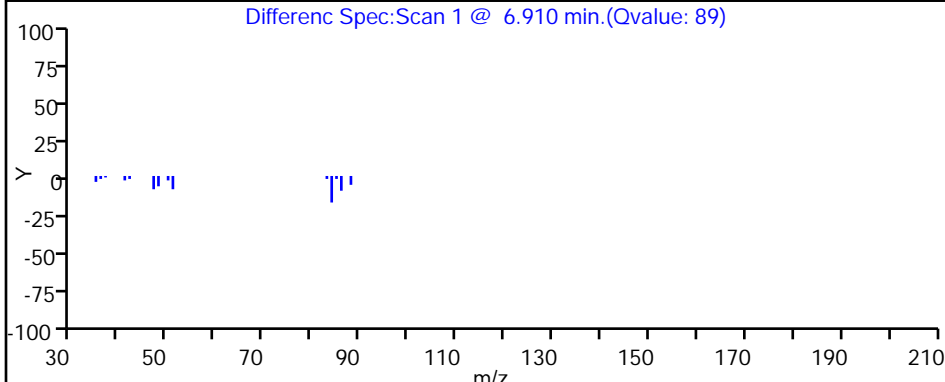
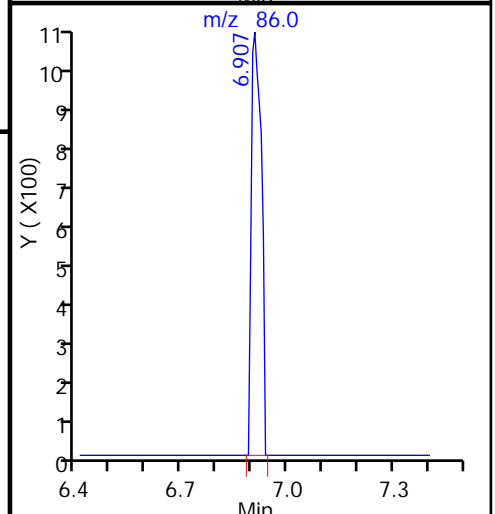
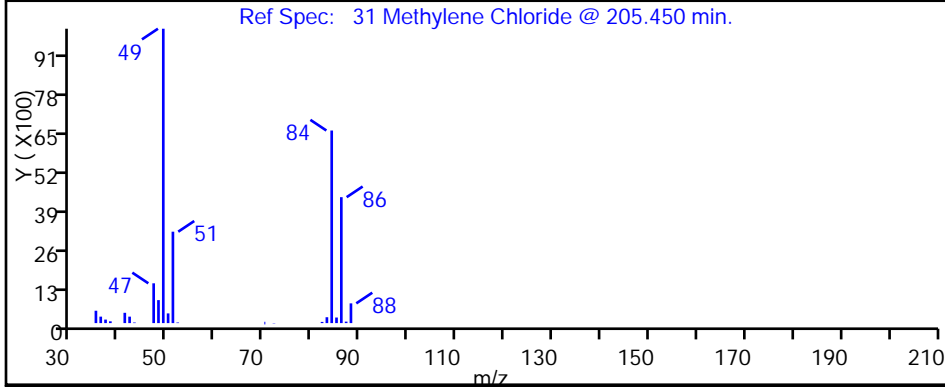
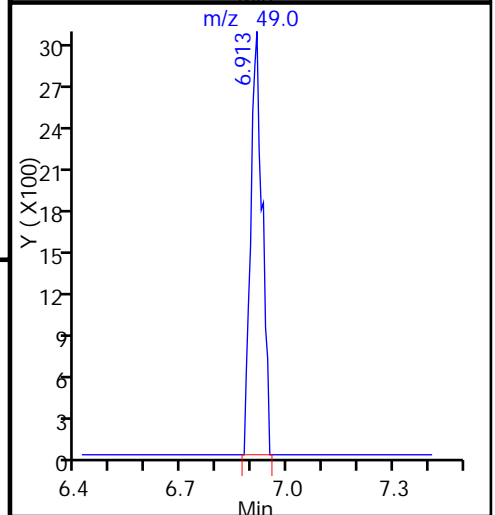
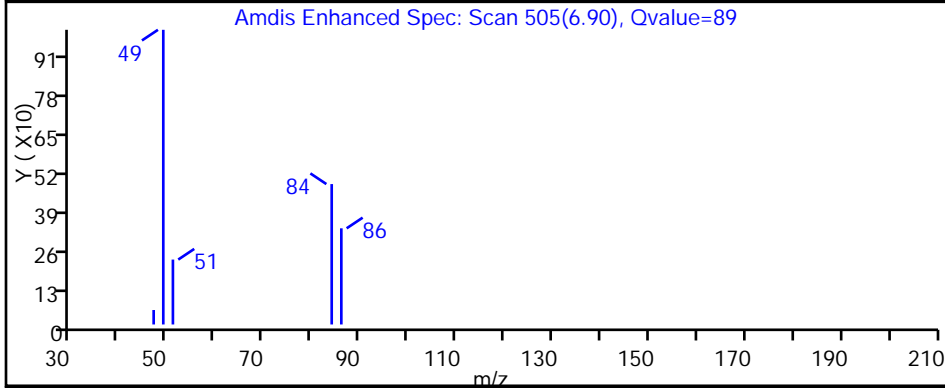
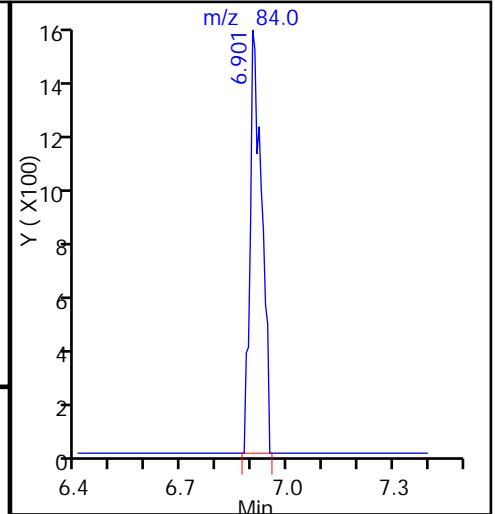
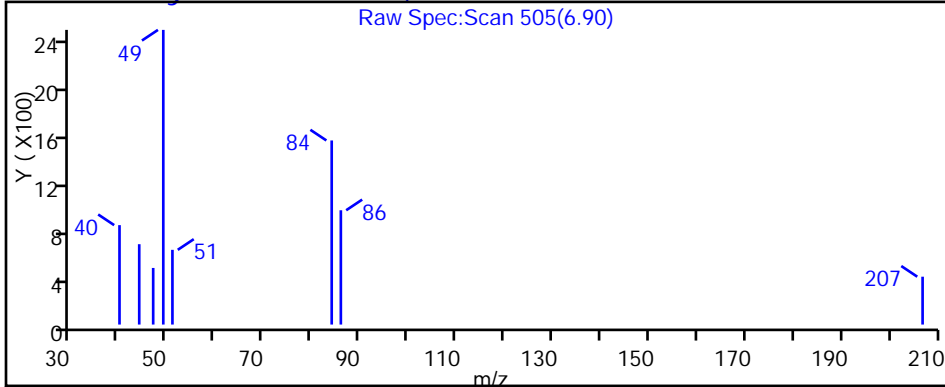
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D

Injection Date: 18-Jan-2017 03:42:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: RR

ALS Bottle#: 51

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

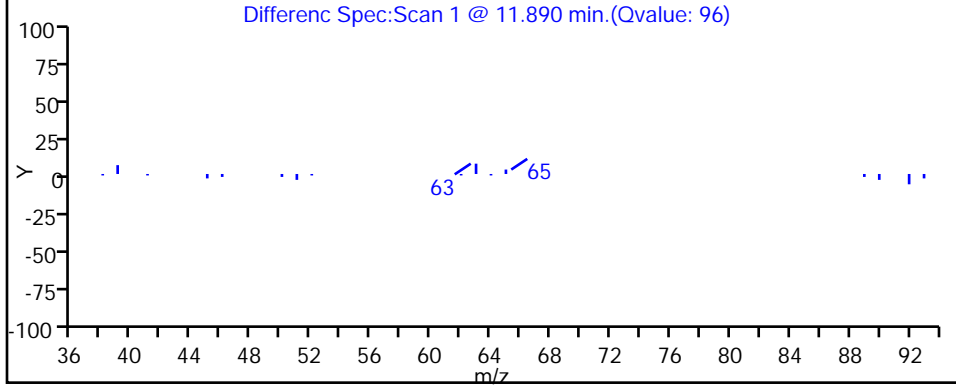
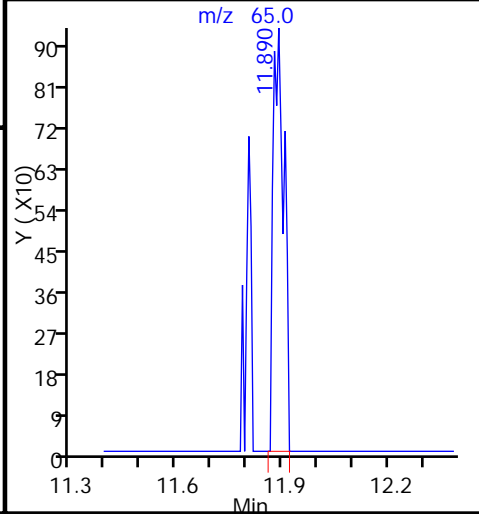
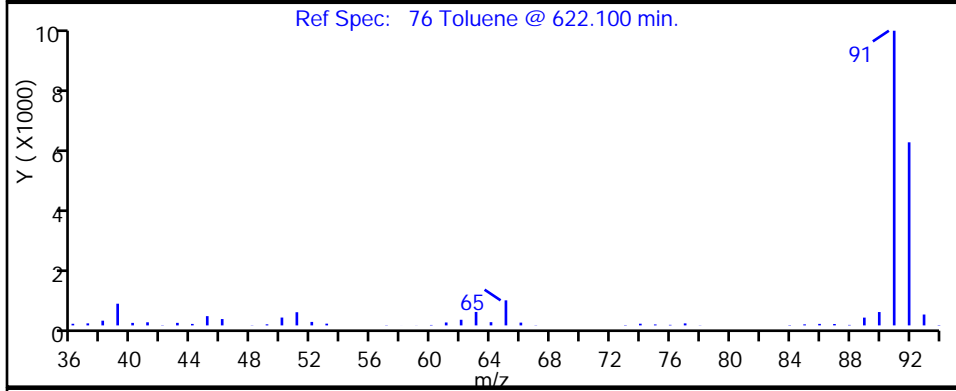
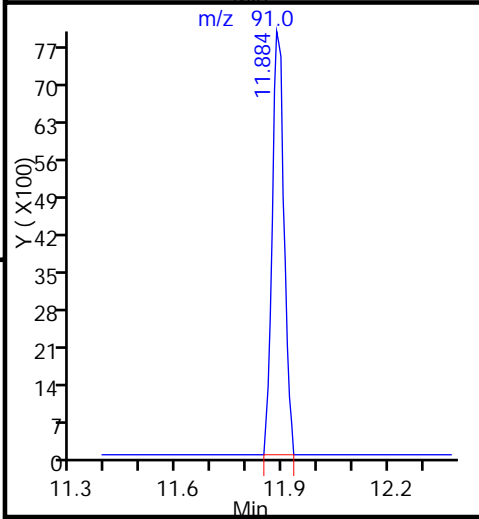
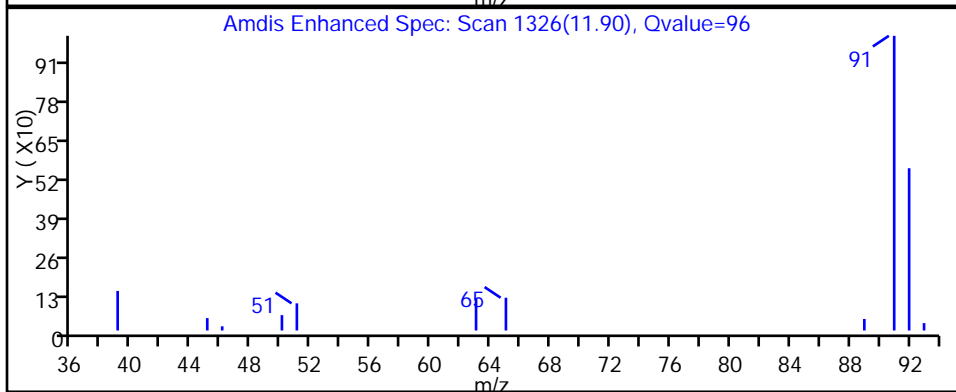
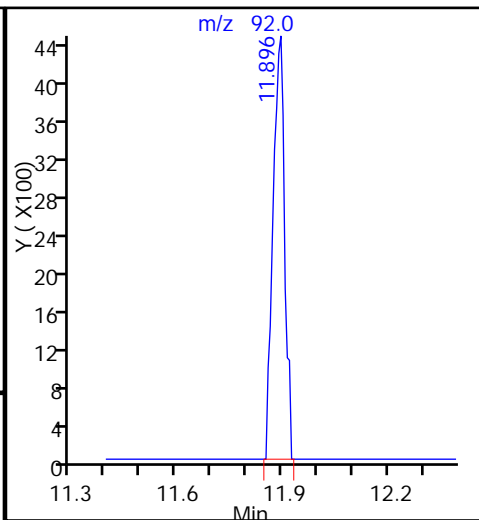
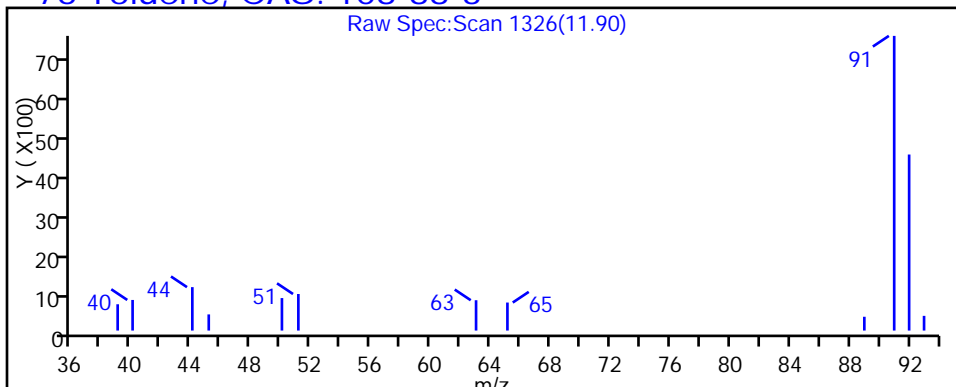
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

76 Toluene, CAS: 108-88-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D

Injection Date: 18-Jan-2017 03:42:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: RR

ALS Bottle#: 51

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

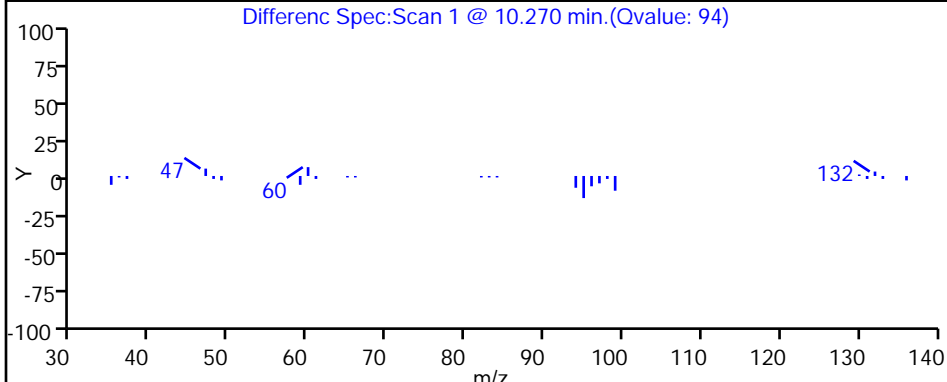
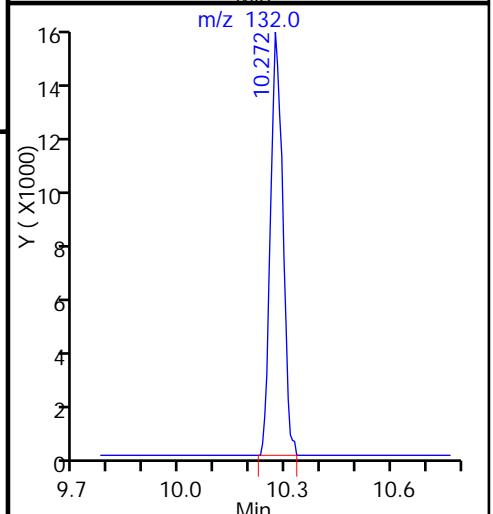
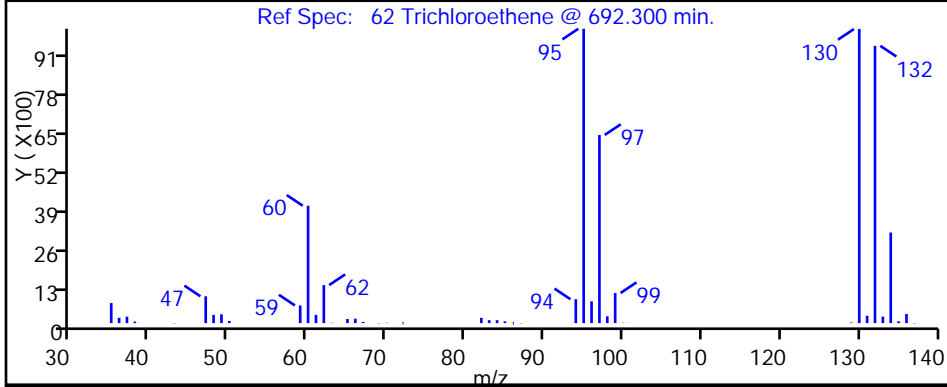
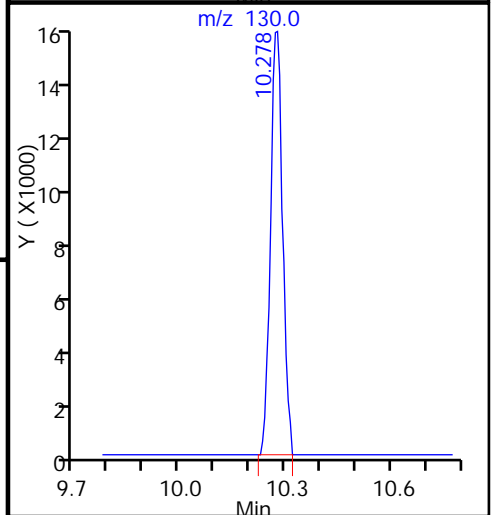
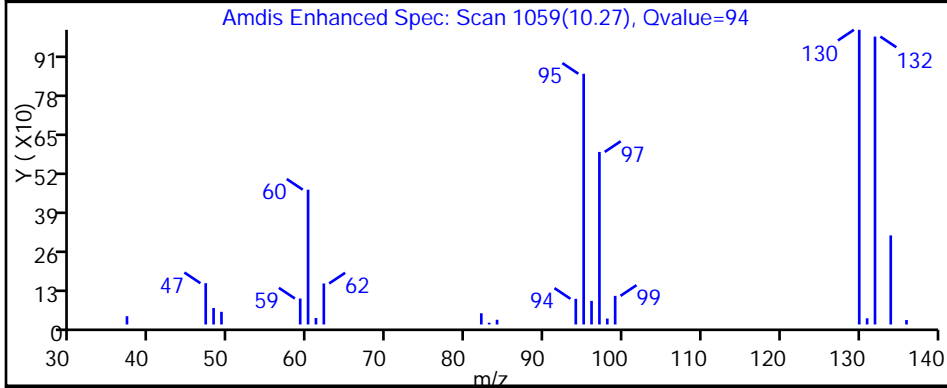
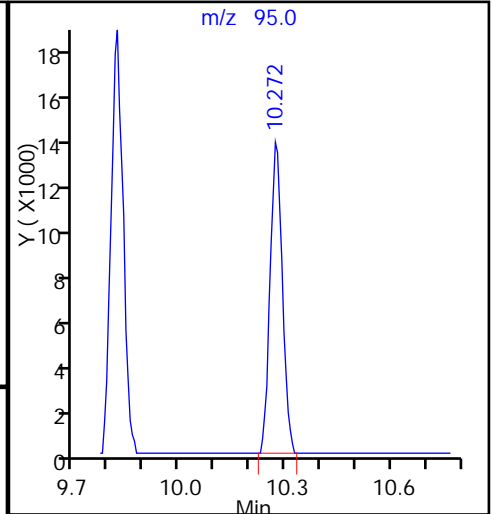
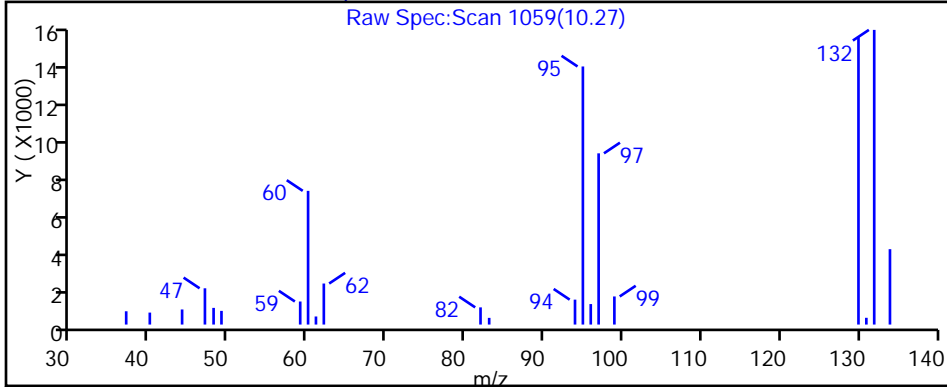
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

62 Trichloroethene, CAS: 79-01-6



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22077.D

Injection Date: 18-Jan-2017 03:42:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: RR

ALS Bottle#: 51

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

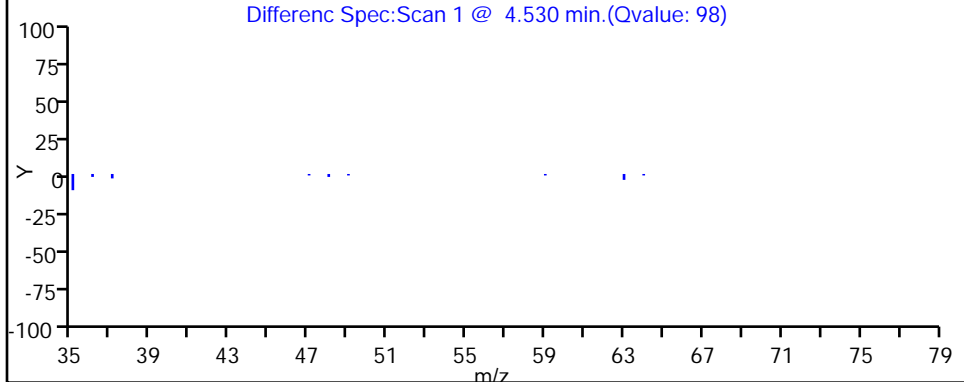
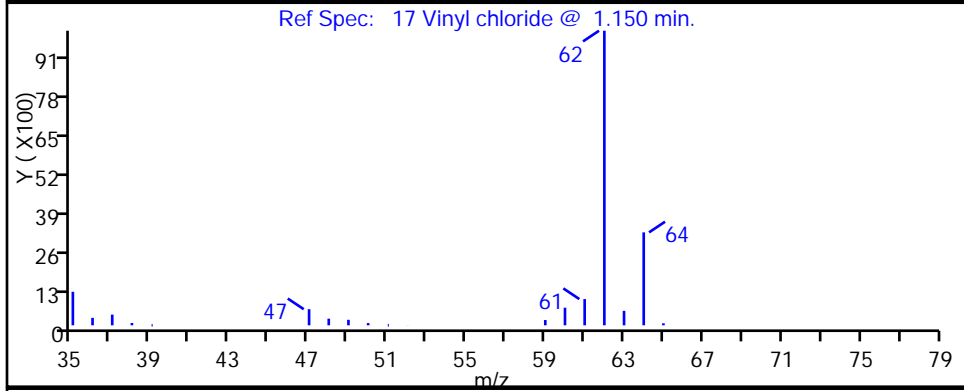
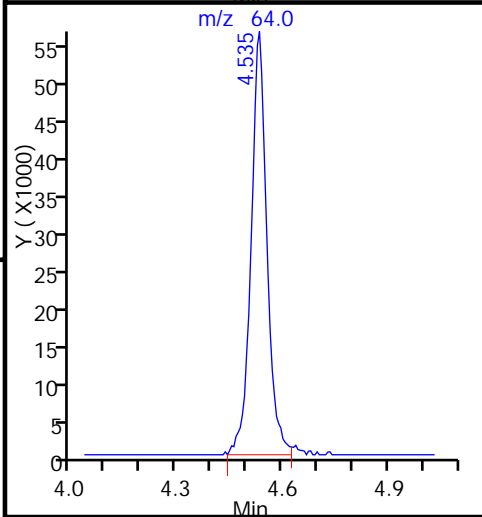
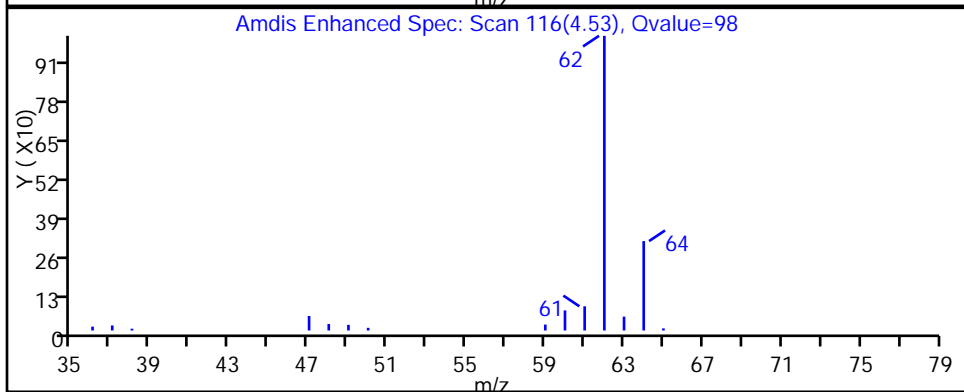
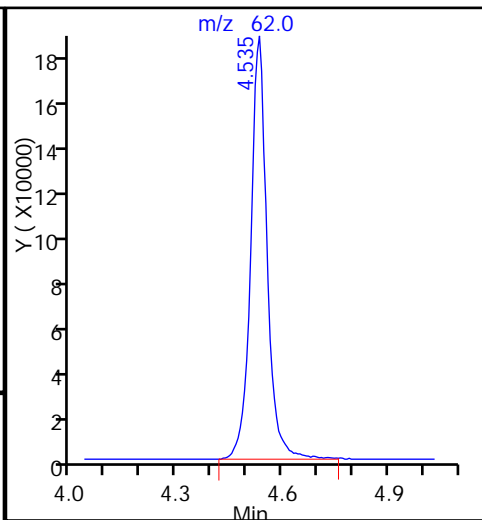
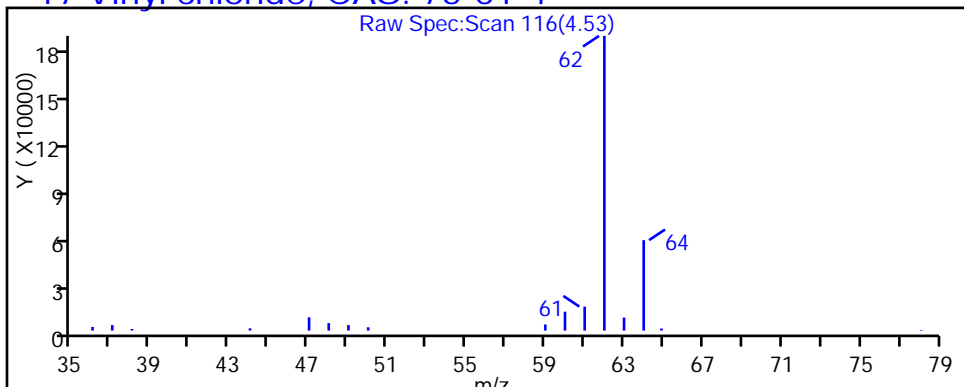
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-5 DL Lab Sample ID: 480-112334-14 DL
 Matrix: Water Lab File ID: N2587.D
 Analysis Method: 8260C Date Collected: 01/16/2017 15:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 13:10
 Soil Aliquot Vol: _____ Dilution Factor: 500
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		500	410
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	110
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	160
79-00-5	1,1,2-Trichloroethane	ND		500	120
75-34-3	1,1-Dichloroethane	ND		500	190
75-35-4	1,1-Dichloroethene	ND		500	150
120-82-1	1,2,4-Trichlorobenzene	ND		500	210
96-12-8	1,2-Dibromo-3-Chloropropane	ND		500	200
106-93-4	1,2-Dibromoethane	ND		500	370
95-50-1	1,2-Dichlorobenzene	ND		500	400
107-06-2	1,2-Dichloroethane	ND		500	110
78-87-5	1,2-Dichloropropane	ND		500	360
541-73-1	1,3-Dichlorobenzene	ND		500	390
106-46-7	1,4-Dichlorobenzene	ND		500	420
78-93-3	2-Butanone (MEK)	ND		5000	660
591-78-6	2-Hexanone	ND		2500	620
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		2500	1100
67-64-1	Acetone	ND		5000	1500
71-43-2	Benzene	ND		500	210
75-27-4	Bromodichloromethane	ND		500	200
75-25-2	Bromoform	ND		500	130
74-83-9	Bromomethane	ND		500	350
75-15-0	Carbon disulfide	ND		500	95
56-23-5	Carbon tetrachloride	ND		500	140
108-90-7	Chlorobenzene	ND		500	380
75-00-3	Chloroethane	ND		500	160
67-66-3	Chloroform	ND		500	170
74-87-3	Chloromethane	ND		500	180
156-59-2	cis-1,2-Dichloroethene	33000		500	410
10061-01-5	cis-1,3-Dichloropropene	ND		500	180
110-82-7	Cyclohexane	ND		500	90
124-48-1	Dibromochloromethane	ND		500	160
75-71-8	Dichlorodifluoromethane	ND		500	340
100-41-4	Ethylbenzene	ND		500	370
98-82-8	Isopropylbenzene	ND		500	400

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-5 DL Lab Sample ID: 480-112334-14 DL
 Matrix: Water Lab File ID: N2587.D
 Analysis Method: 8260C Date Collected: 01/16/2017 15:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 13:10
 Soil Aliquot Vol: _____ Dilution Factor: 500
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND	*	1300	650
1634-04-4	Methyl tert-butyl ether	ND		500	80
108-87-2	Methylcyclohexane	ND		500	80
75-09-2	Methylene Chloride	430	J	500	220
100-42-5	Styrene	ND		500	370
127-18-4	Tetrachloroethene	ND		500	180
108-88-3	Toluene	ND		500	260
156-60-5	trans-1,2-Dichloroethene	ND		500	450
10061-02-6	trans-1,3-Dichloropropene	ND		500	190
79-01-6	Trichloroethene	230	J	500	230
75-69-4	Trichlorofluoromethane	ND		500	440
75-01-4	Vinyl chloride	6400		500	450
1330-20-7	Xylenes, Total	ND		1000	330

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
2037-26-5	Toluene-d8 (Surr)	92		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2587.D
 Lims ID: 480-112334-B-14
 Client ID: DPT-5
 Sample Type: Client
 Inject. Date: 18-Jan-2017 13:10:30 ALS Bottle#: 11 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 500.0000
 Sample Info: 480-112334-B-14
 Misc. Info.: 480-0059834-011
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 17:34:05 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: youngmans

Date: 18-Jan-2017 17:35:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	92410	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	349843	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	94	178279	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	122233	24.2	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	409782	22.9	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	96	141574	23.4	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.525				ND	
14 Vinyl chloride	62	1.628	1.634	-0.006	98	80967	12.8	
15 Bromomethane	94		1.926				ND	
16 Chloroethane	64		2.036				ND	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96		2.772				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.778				ND	
23 Acetone	43		2.863				ND	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.174				ND	
30 Methylene Chloride	84	3.271	3.265	0.006	88	5183	0.8646	
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96		3.508				ND	
36 1,1-Dichloroethane	63	3.916	3.916	0.000	1	2256	0.2182	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	79	401308	66.1	
44 2-Butanone (MEK)	43		4.494				ND	
50 Chloroform	83		4.774				ND	
51 1,1,1-Trichloroethane	97		4.907				ND	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95	5.875	5.869	0.006	91	2342	0.4547	
62 Methylcyclohexane	83		6.015				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.380				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92		7.110				ND	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.655				ND	
90 m-Xylene & p-Xylene	106		8.777				ND	
91 o-Xylene	106		9.202				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.586				ND	
98 1,1,2,2-Tetrachloroethane	83		9.957				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.924				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.989				ND	
119 1,2,4-Trichlorobenzene	180		12.688				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00236

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2587.D

Injection Date: 18-Jan-2017 13:10:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-B-14

Lab Sample ID: 480-112334-14

Worklist Smp#: 11

Client ID: DPT-5

Purge Vol: 5.000 mL

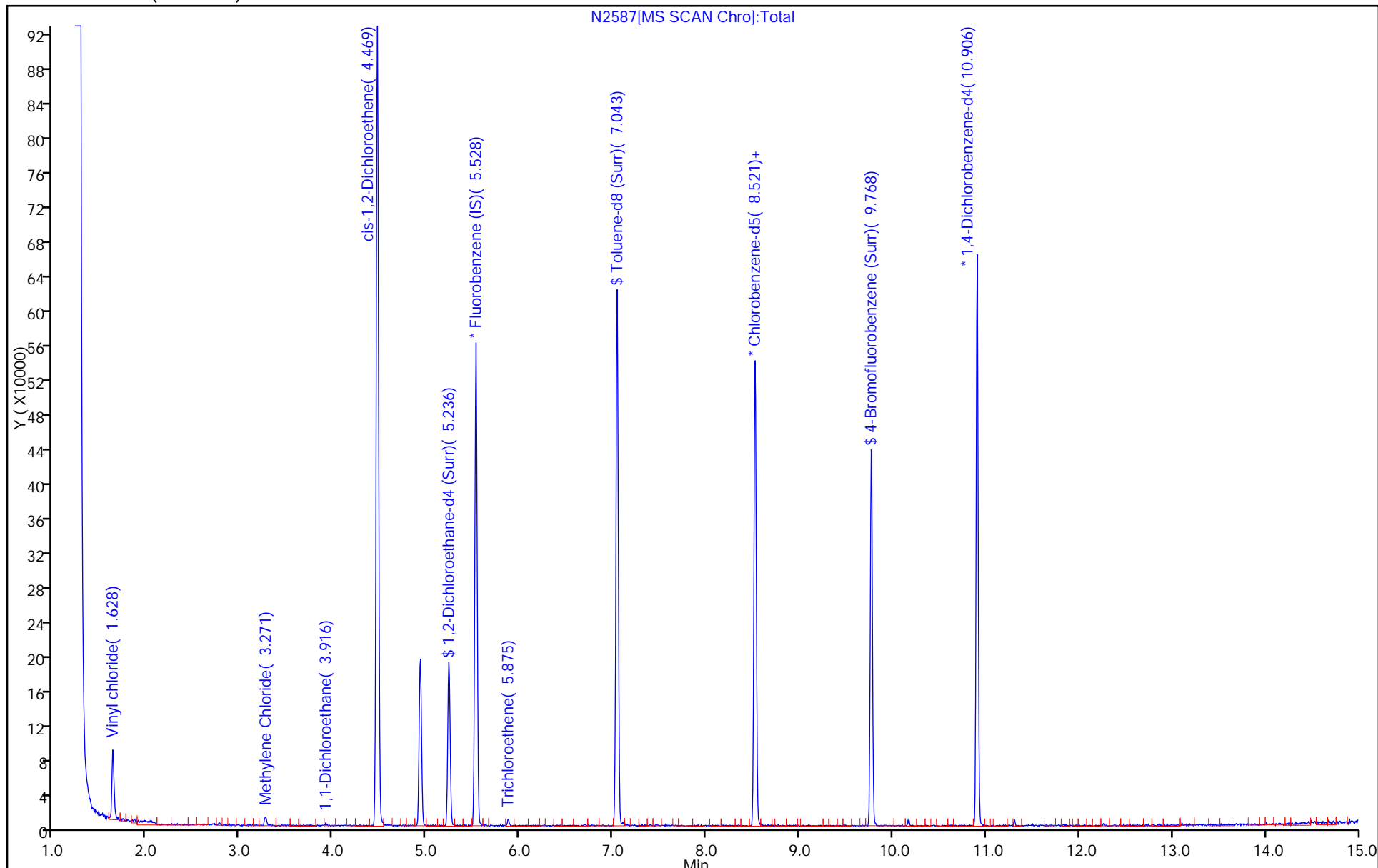
Dil. Factor: 500.0000

ALS Bottle#: 11

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2587.D

Injection Date: 18-Jan-2017 13:10:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: nea

ALS Bottle#: 11

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 500.0000

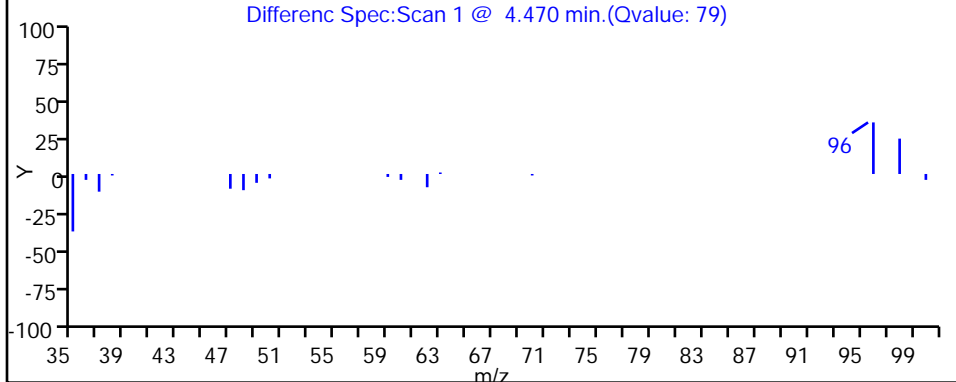
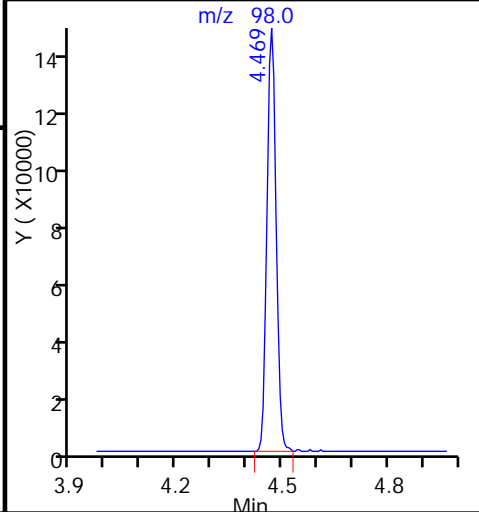
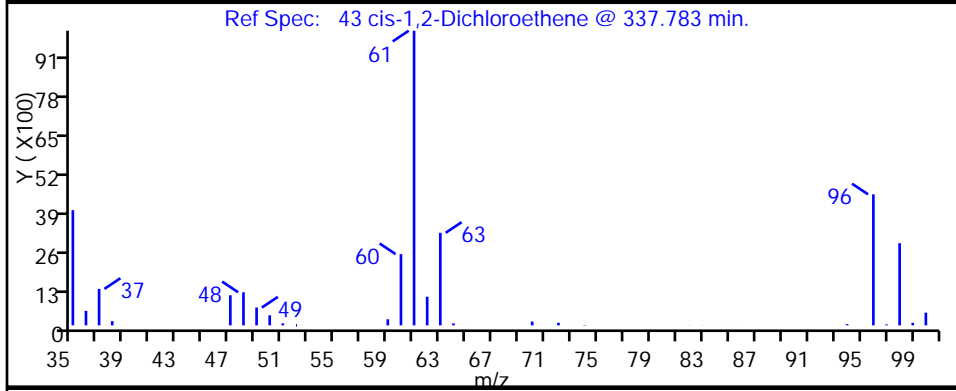
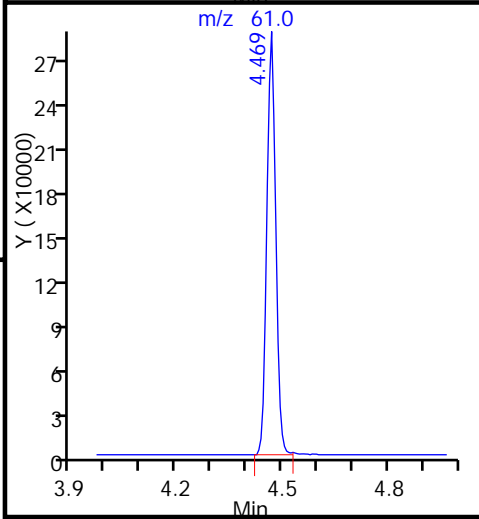
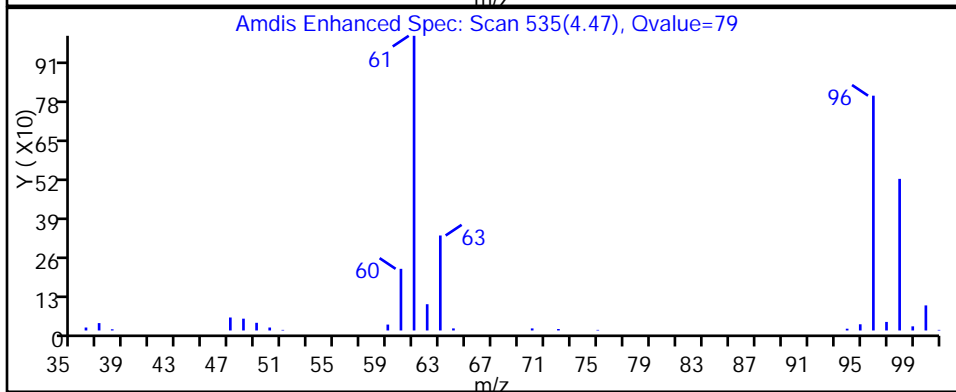
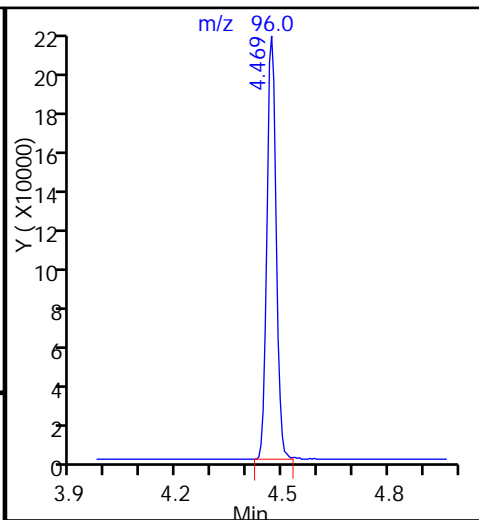
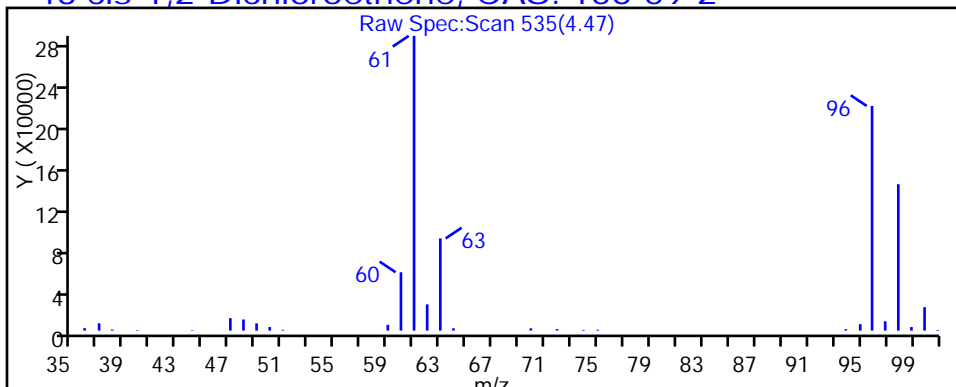
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2587.D

Injection Date: 18-Jan-2017 13:10:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: nea

ALS Bottle#: 11

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 500.0000

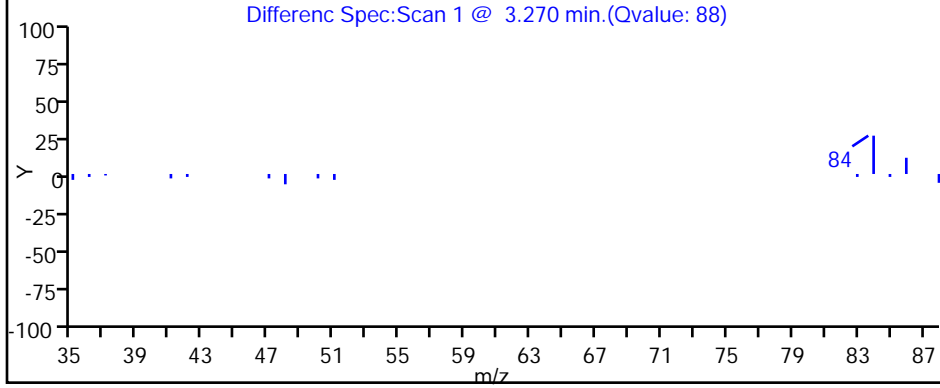
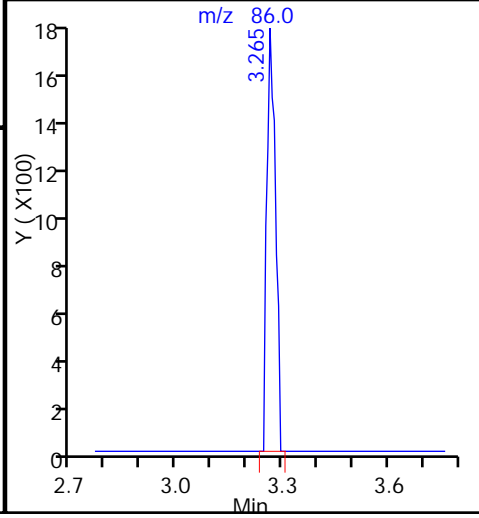
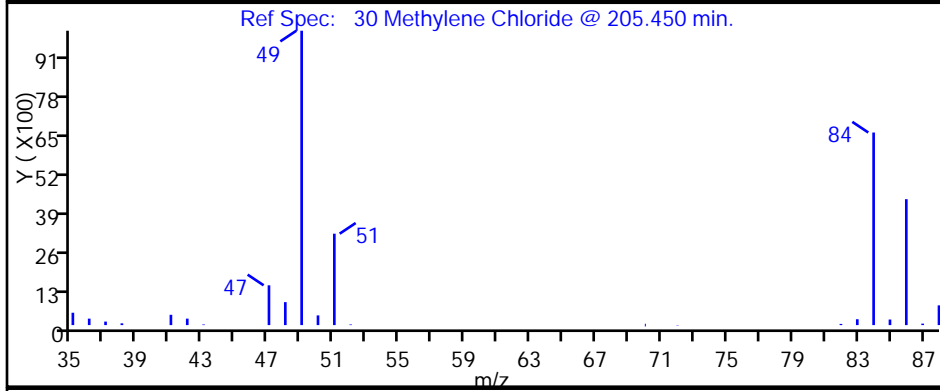
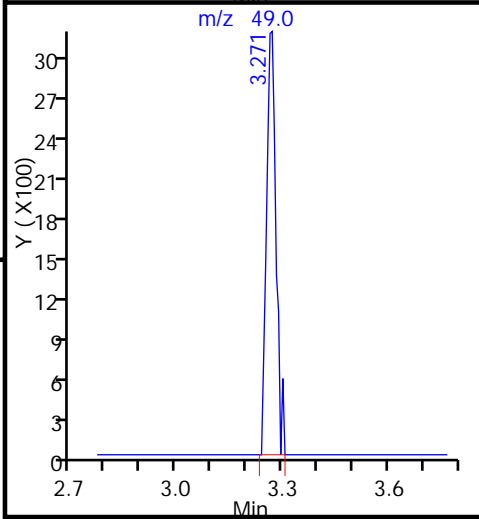
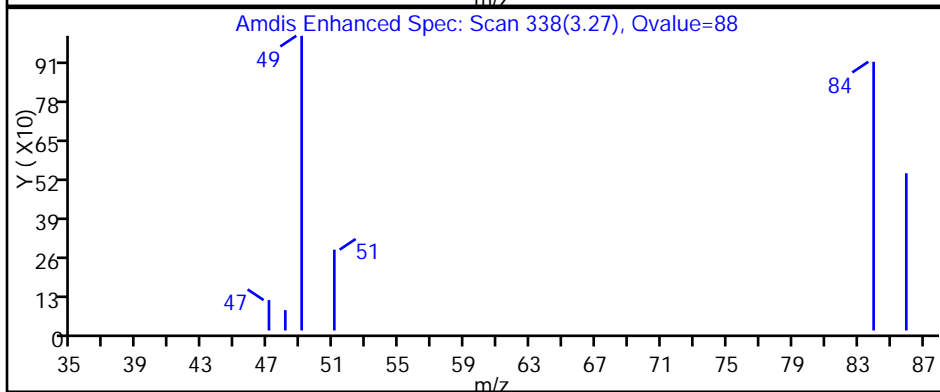
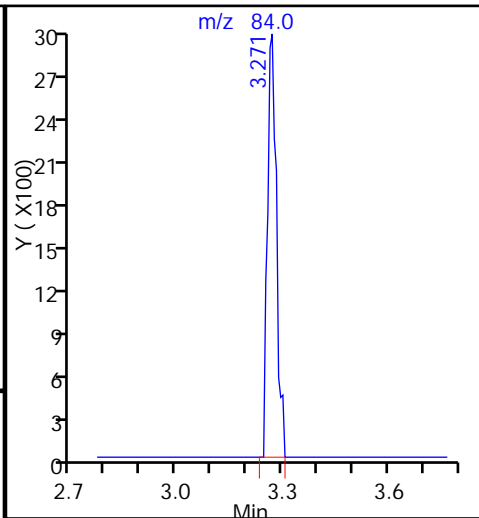
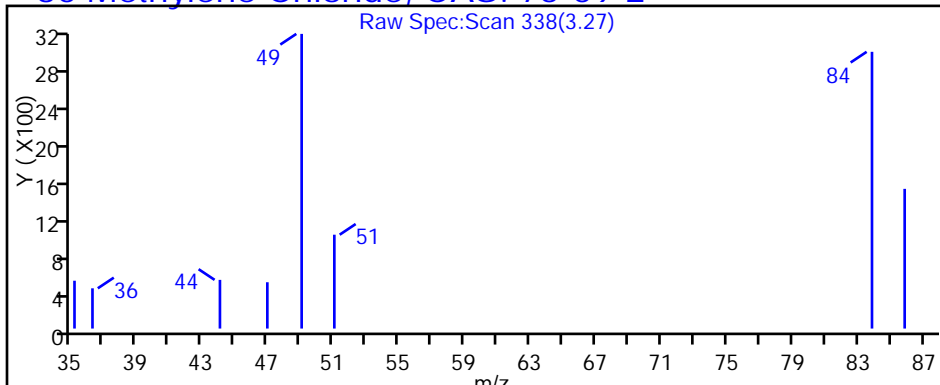
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2587.D

Injection Date: 18-Jan-2017 13:10:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: nea

ALS Bottle#: 11

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 500.0000

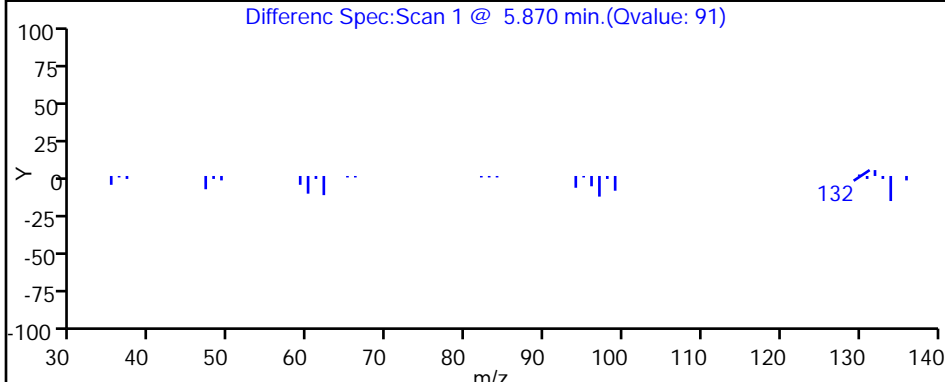
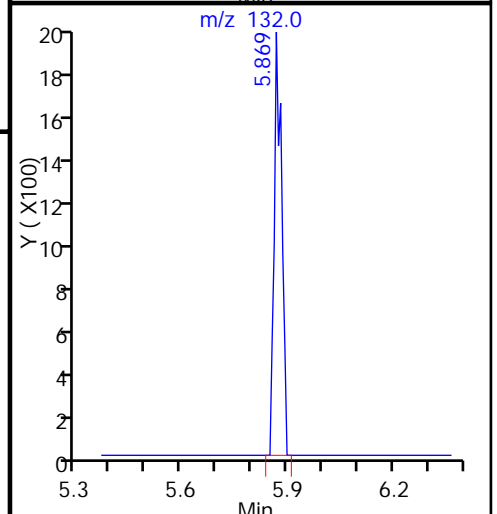
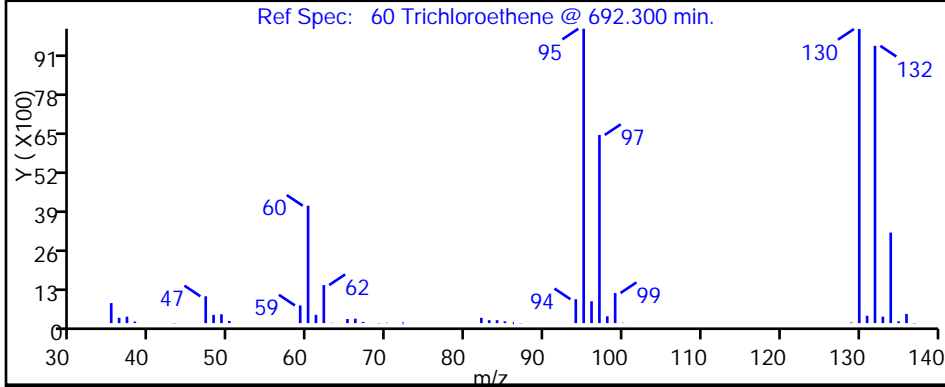
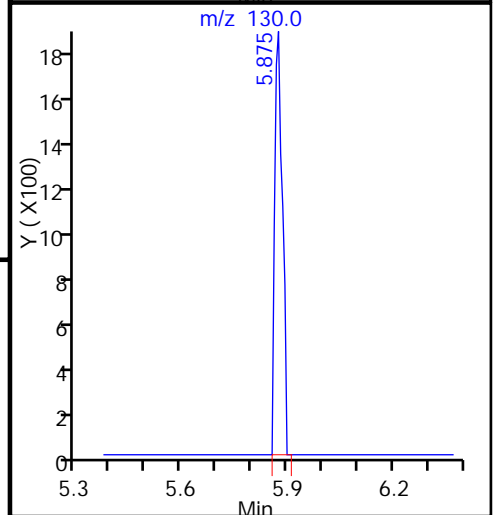
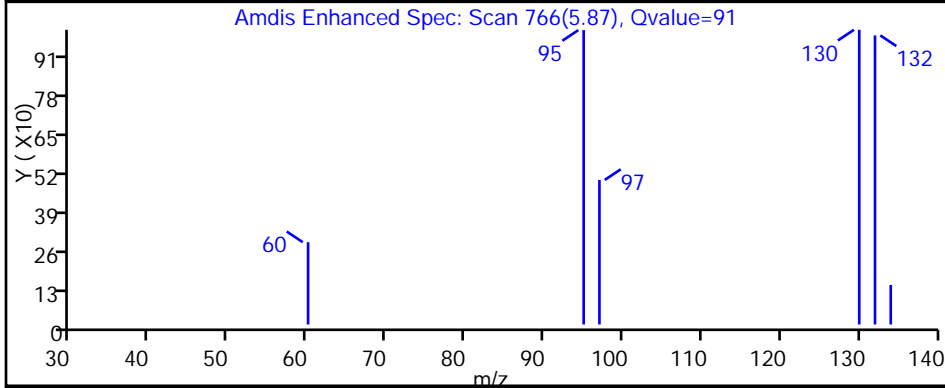
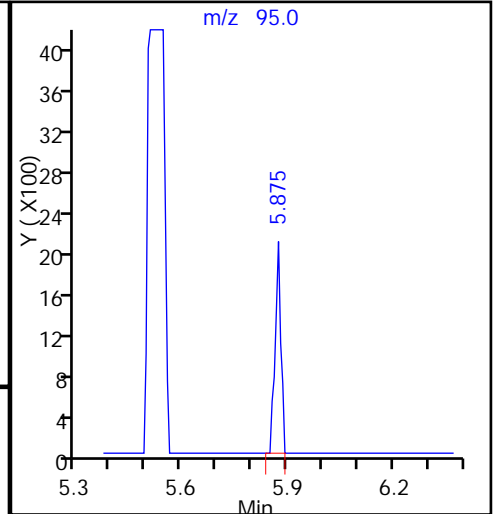
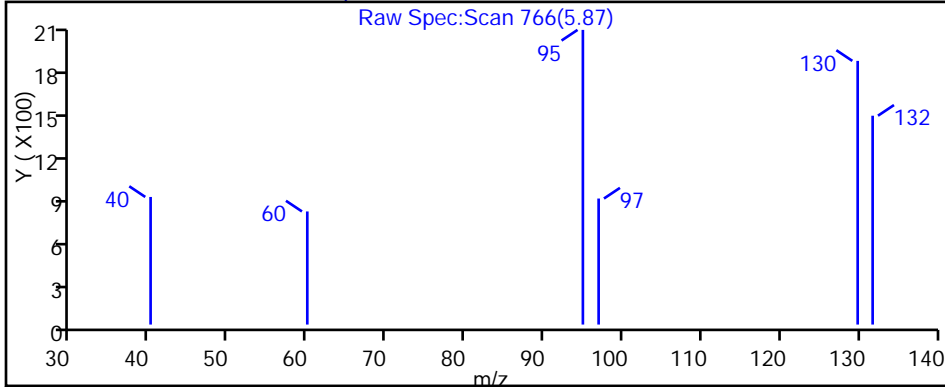
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

60 Trichloroethene, CAS: 79-01-6



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2587.D

Injection Date: 18-Jan-2017 13:10:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-14

Lab Sample ID: 480-112334-14

Client ID: DPT-5

Operator ID: nea

ALS Bottle#: 11

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 500.0000

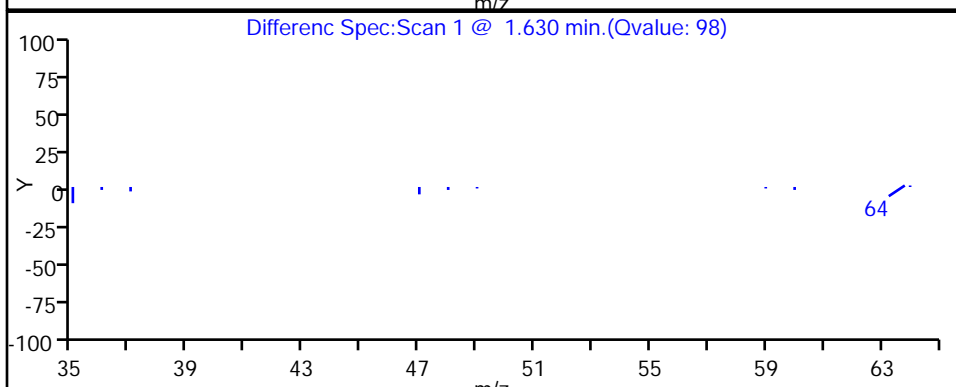
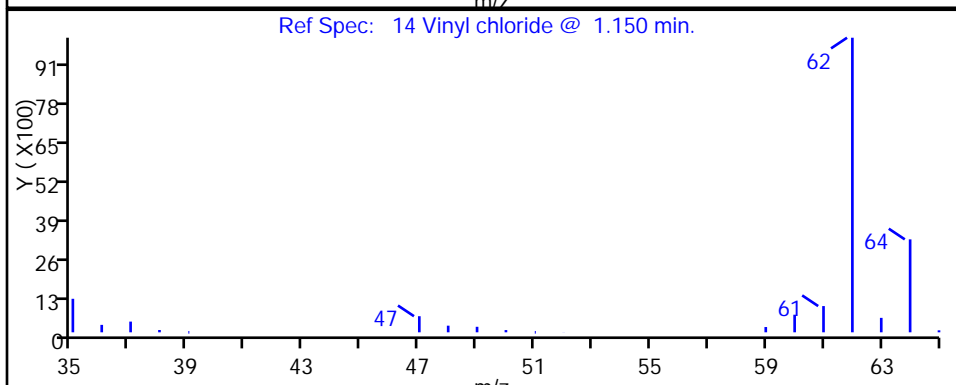
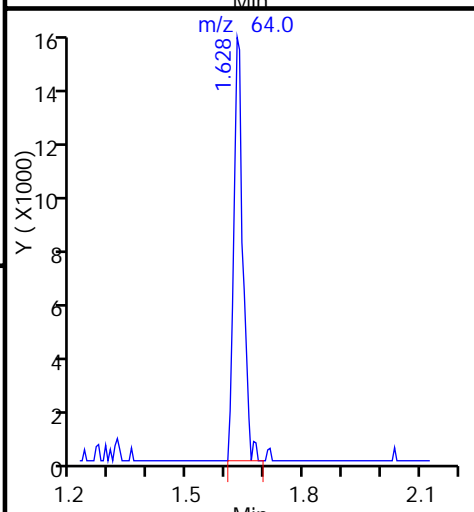
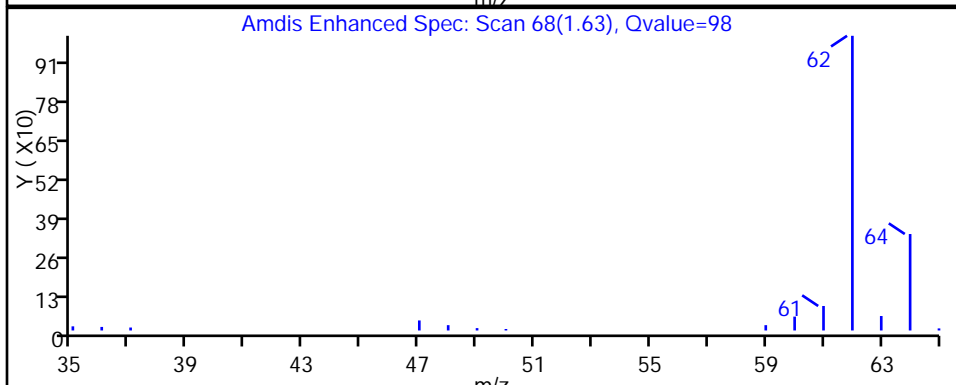
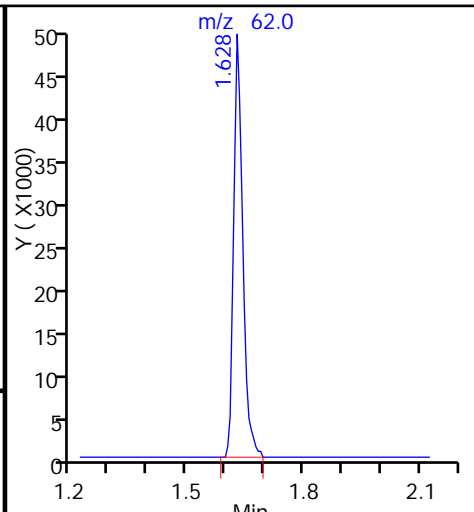
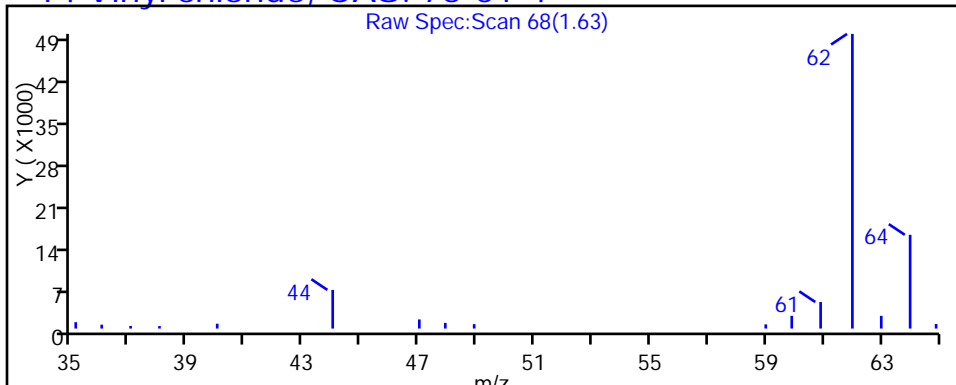
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-7 Lab Sample ID: 480-112334-15
 Matrix: Water Lab File ID: N2628.D
 Analysis Method: 8260C Date Collected: 01/16/2017 11:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 13:11
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		20	16
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	4.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2
79-00-5	1,1,2-Trichloroethane	ND		20	4.6
75-34-3	1,1-Dichloroethane	91		20	7.6
75-35-4	1,1-Dichloroethene	ND		20	5.8
120-82-1	1,2,4-Trichlorobenzene	ND		20	8.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		20	7.8
106-93-4	1,2-Dibromoethane	ND		20	15
95-50-1	1,2-Dichlorobenzene	ND		20	16
107-06-2	1,2-Dichloroethane	ND		20	4.2
78-87-5	1,2-Dichloropropane	ND		20	14
541-73-1	1,3-Dichlorobenzene	ND		20	16
106-46-7	1,4-Dichlorobenzene	ND		20	17
78-93-3	2-Butanone (MEK)	270		200	26
591-78-6	2-Hexanone	ND		100	25
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		100	42
67-64-1	Acetone	140	J	200	60
71-43-2	Benzene	ND		20	8.2
75-27-4	Bromodichloromethane	ND		20	7.8
75-25-2	Bromoform	ND		20	5.2
74-83-9	Bromomethane	ND		20	14
75-15-0	Carbon disulfide	ND		20	3.8
56-23-5	Carbon tetrachloride	ND		20	5.4
108-90-7	Chlorobenzene	ND		20	15
75-00-3	Chloroethane	530	F1	20	6.4
67-66-3	Chloroform	ND		20	6.8
74-87-3	Chloromethane	ND		20	7.0
156-59-2	cis-1,2-Dichloroethene	ND		20	16
10061-01-5	cis-1,3-Dichloropropene	ND		20	7.2
110-82-7	Cyclohexane	ND		20	3.6
124-48-1	Dibromochloromethane	ND		20	6.4
75-71-8	Dichlorodifluoromethane	ND		20	14
100-41-4	Ethylbenzene	ND		20	15
98-82-8	Isopropylbenzene	ND		20	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-7 Lab Sample ID: 480-112334-15
 Matrix: Water Lab File ID: N2628.D
 Analysis Method: 8260C Date Collected: 01/16/2017 11:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 13:11
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		50	26
1634-04-4	Methyl tert-butyl ether	ND		20	3.2
108-87-2	Methylcyclohexane	ND		20	3.2
75-09-2	Methylene Chloride	12	J	20	8.8
100-42-5	Styrene	ND		20	15
127-18-4	Tetrachloroethene	ND		20	7.2
108-88-3	Toluene	ND		20	10
156-60-5	trans-1,2-Dichloroethene	ND		20	18
10061-02-6	trans-1,3-Dichloropropene	ND		20	7.4
79-01-6	Trichloroethene	ND		20	9.2
75-69-4	Trichlorofluoromethane	ND		20	18
75-01-4	Vinyl chloride	50		20	18
1330-20-7	Xylenes, Total	ND		40	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2628.D
 Lims ID: 480-112334-C-15
 Client ID: DPT-7
 Sample Type: Client
 Inject. Date: 19-Jan-2017 13:11:30 ALS Bottle#: 10 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 480-112334-C-15
 Misc. Info.: 480-0059868-010
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-Jan-2017 17:18:03 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: youngmans

Date: 19-Jan-2017 17:18:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	87358	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	337016	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	178434	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	126757	26.6	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	420178	24.4	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	96	141977	24.4	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.519				ND	
14 Vinyl chloride	62	1.634	1.628	0.006	96	15000	2.51	
15 Bromomethane	94		1.932				ND	
16 Chloroethane	64	2.042	2.042	0.000	99	88507	26.4	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96		2.772				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.784				ND	
23 Acetone	43	2.869	2.863	0.006	99	12452	7.05	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.167				ND	
30 Methylene Chloride	84	3.277	3.265	0.012	94	3305	0.5832	
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96		3.508				ND	
36 1,1-Dichloroethane	63	3.916	3.916	0.000	96	44398	4.54	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	1	1693	0.2951	
44 2-Butanone (MEK)	43	4.500	4.494	0.006	99	37558	13.4	
50 Chloroform	83		4.773				ND	
51 1,1,1-Trichloroethane	97		4.907				ND	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95		5.875				ND	
62 Methylcyclohexane	83		6.014				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.379				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92		7.103				ND	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.649				ND	
90 m-Xylene & p-Xylene	106		8.776				ND	
91 o-Xylene	106		9.196				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.585				ND	
98 1,1,2,2-Tetrachloroethane	83		9.951				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.930				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.995				ND	
119 1,2,4-Trichlorobenzene	180		12.682				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00237

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2628.D

Injection Date: 19-Jan-2017 13:11:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-C-15

Lab Sample ID: 480-112334-15

Worklist Smp#: 10

Client ID: DPT-7

Purge Vol: 5.000 mL

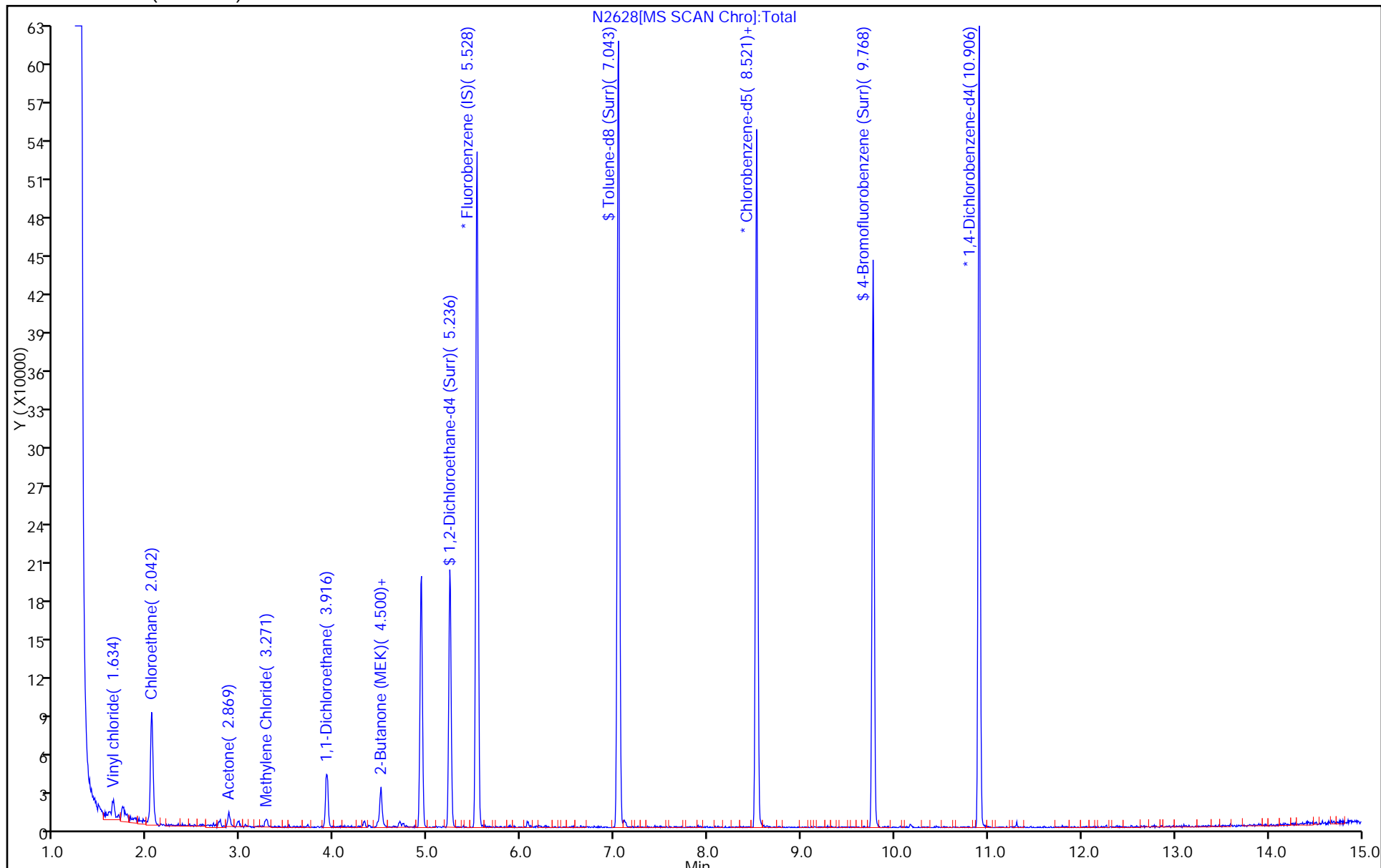
Dil. Factor: 20.0000

ALS Bottle#: 10

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2628.D

Injection Date: 19-Jan-2017 13:11:30

Instrument ID: HP5973N

Lims ID: 480-112334-C-15

Lab Sample ID: 480-112334-15

Client ID: DPT-7

Operator ID: nea

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

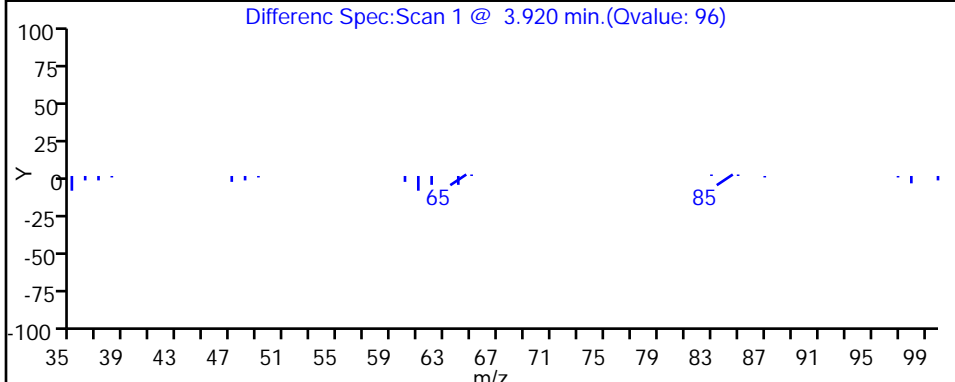
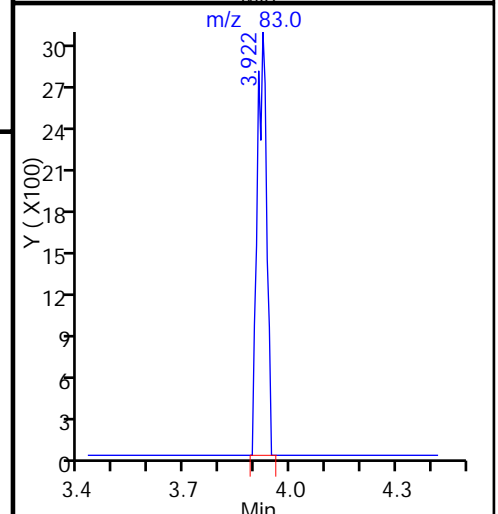
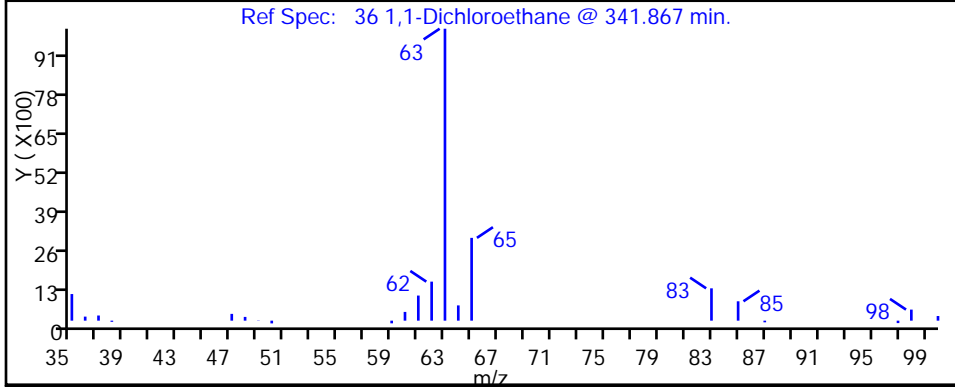
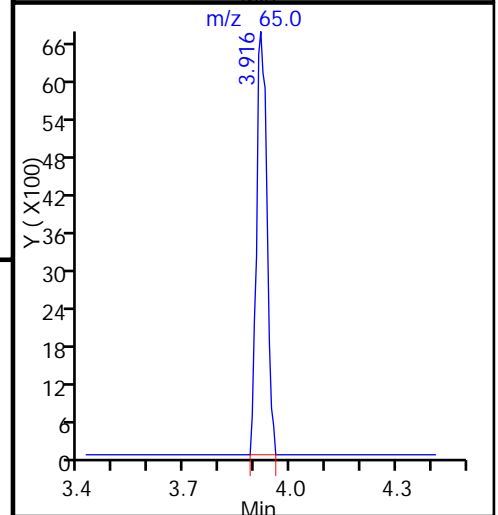
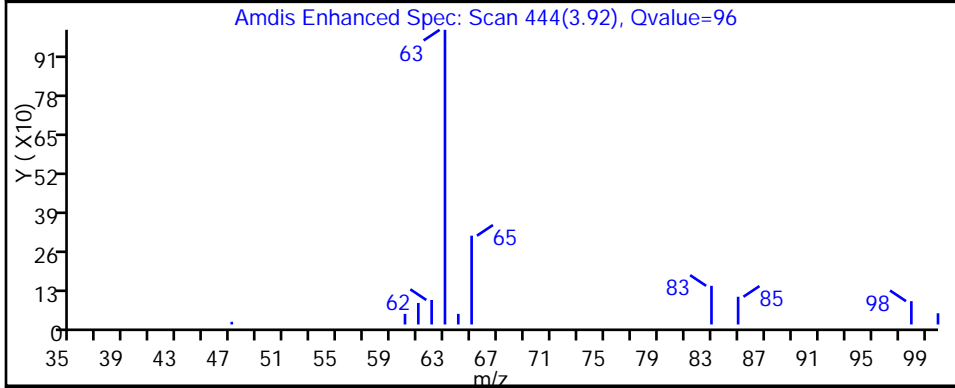
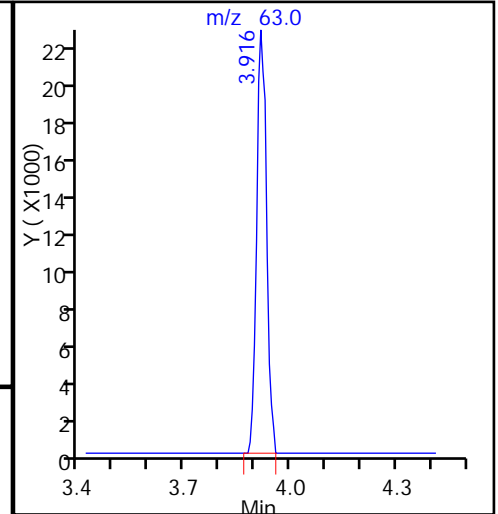
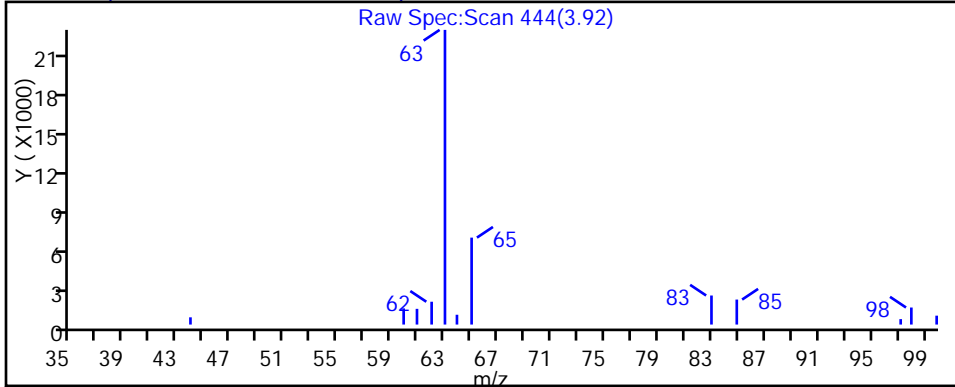
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2628.D

Injection Date: 19-Jan-2017 13:11:30

Instrument ID: HP5973N

Lims ID: 480-112334-C-15

Lab Sample ID: 480-112334-15

Client ID: DPT-7

Operator ID: nea

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

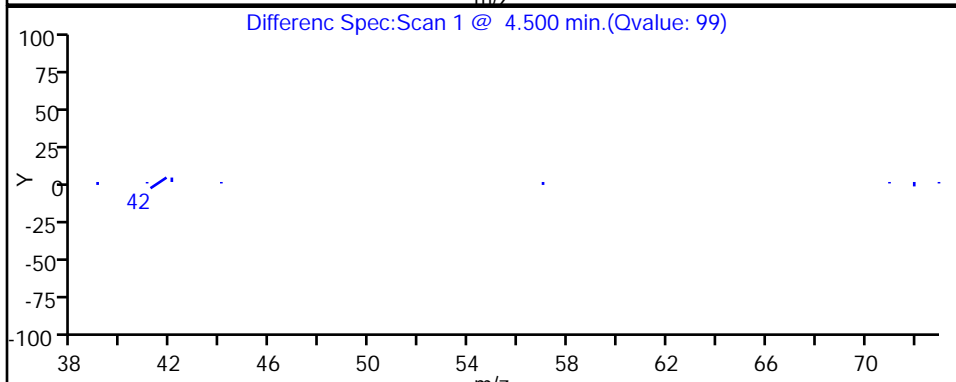
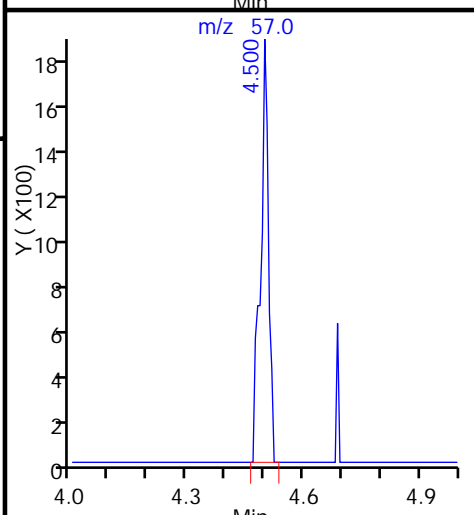
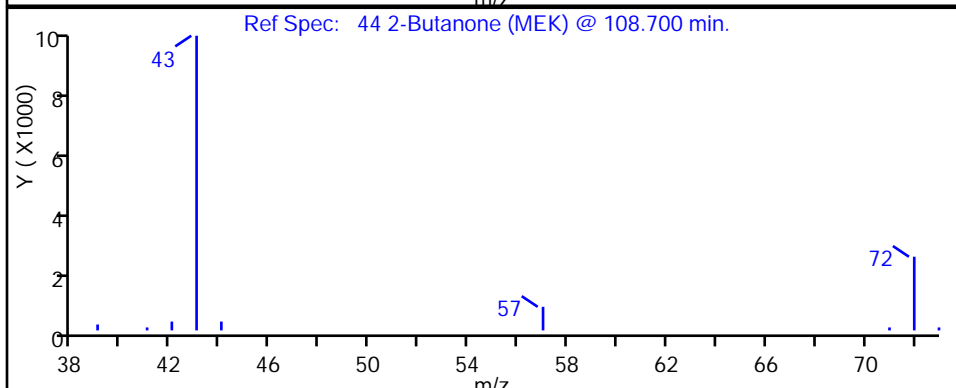
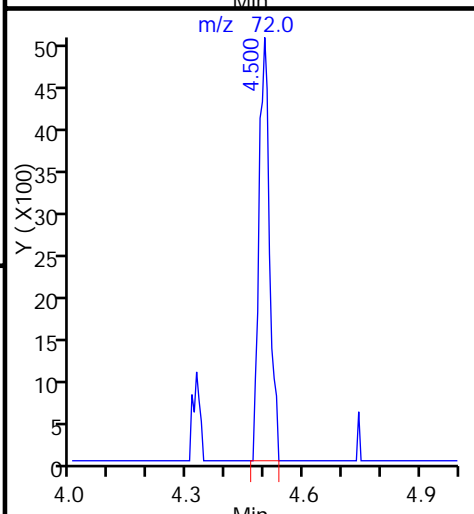
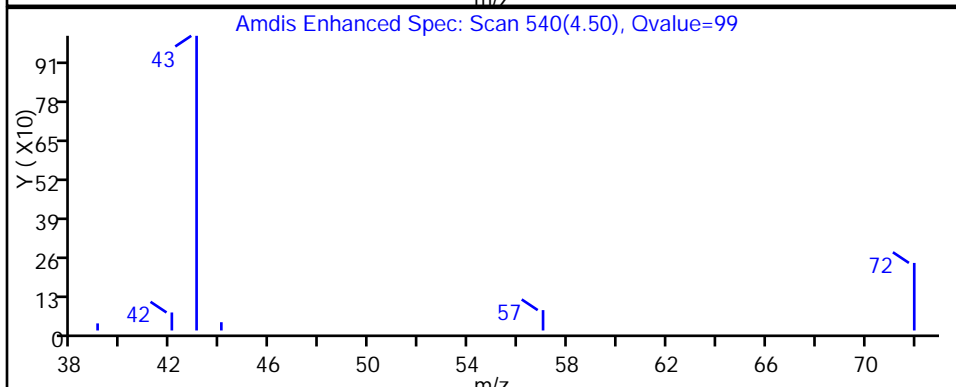
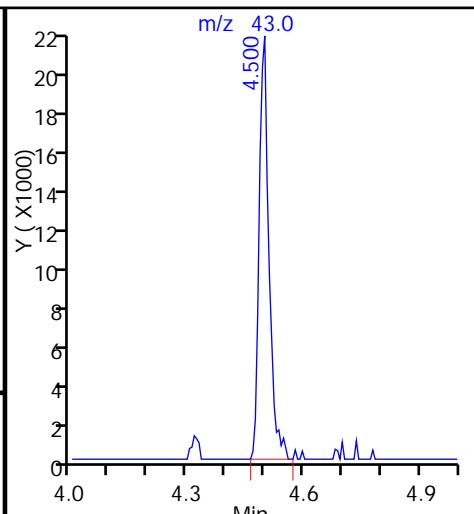
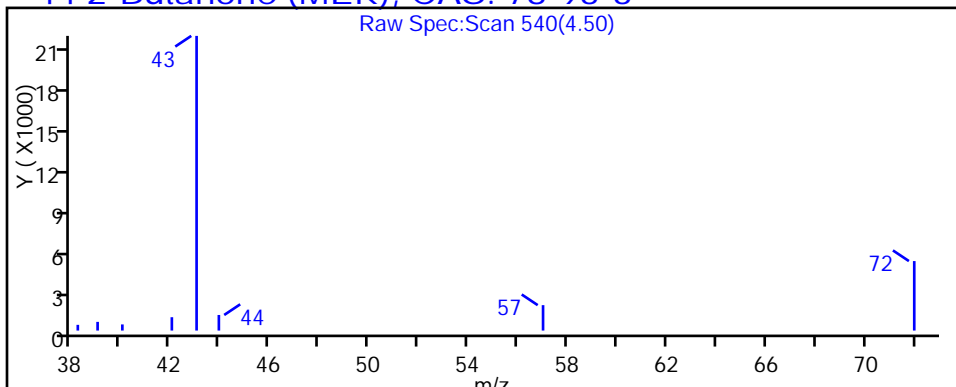
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

44 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2628.D

Injection Date: 19-Jan-2017 13:11:30

Instrument ID: HP5973N

Lims ID: 480-112334-C-15

Lab Sample ID: 480-112334-15

Client ID: DPT-7

Operator ID: nea

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

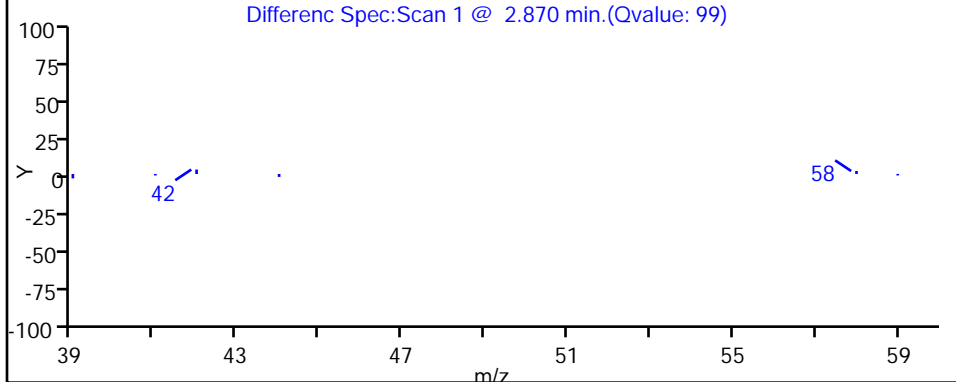
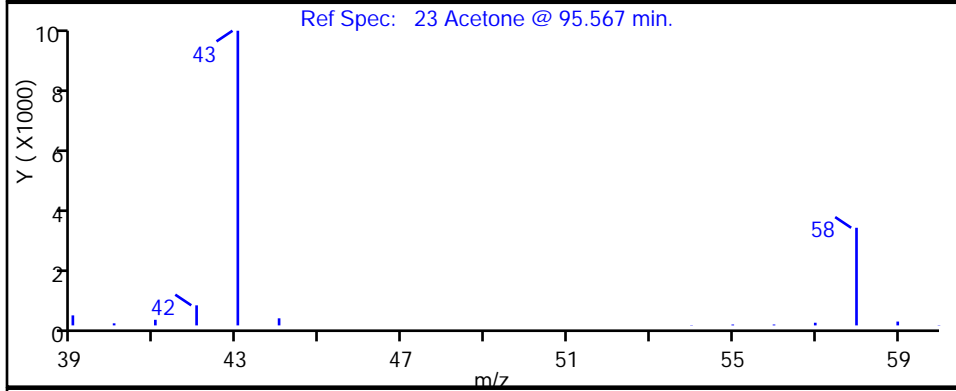
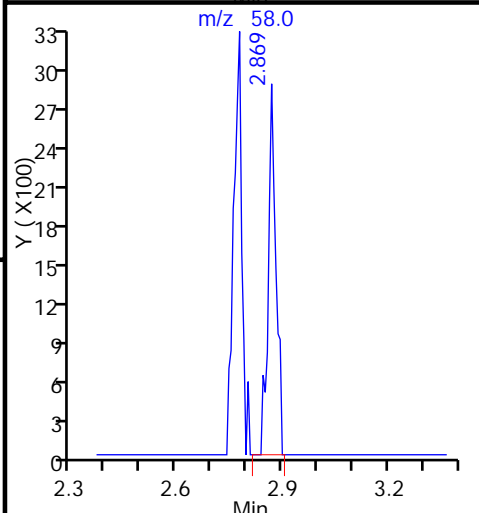
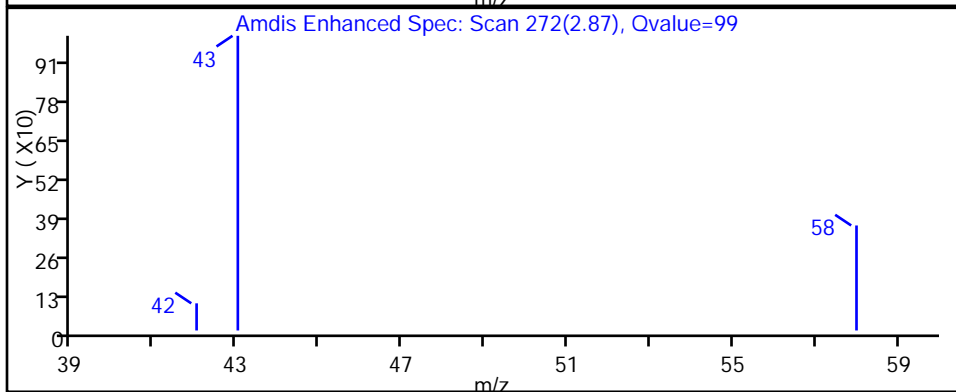
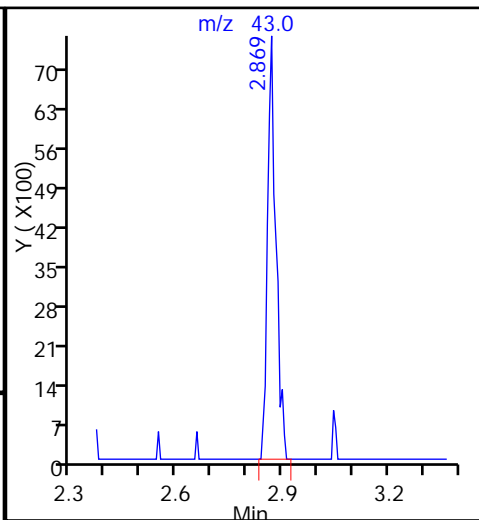
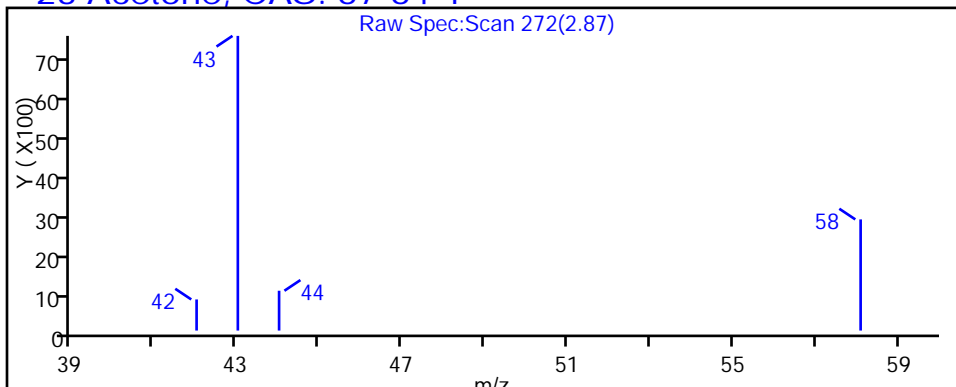
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

23 Acetone, CAS: 67-64-1



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2628.D

Injection Date: 19-Jan-2017 13:11:30

Instrument ID: HP5973N

Lims ID: 480-112334-C-15

Lab Sample ID: 480-112334-15

Client ID: DPT-7

Operator ID: nea

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

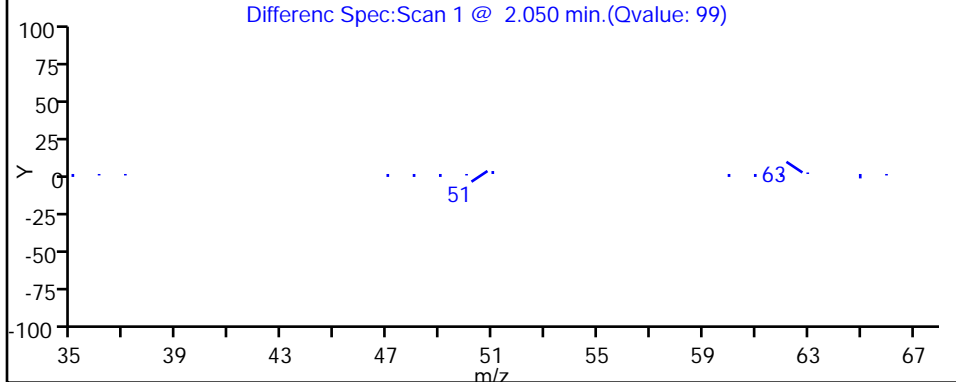
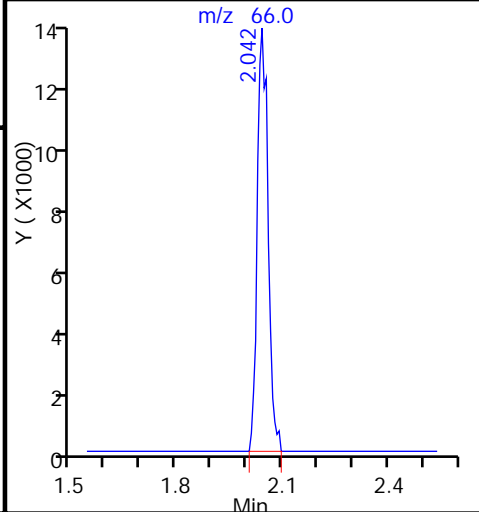
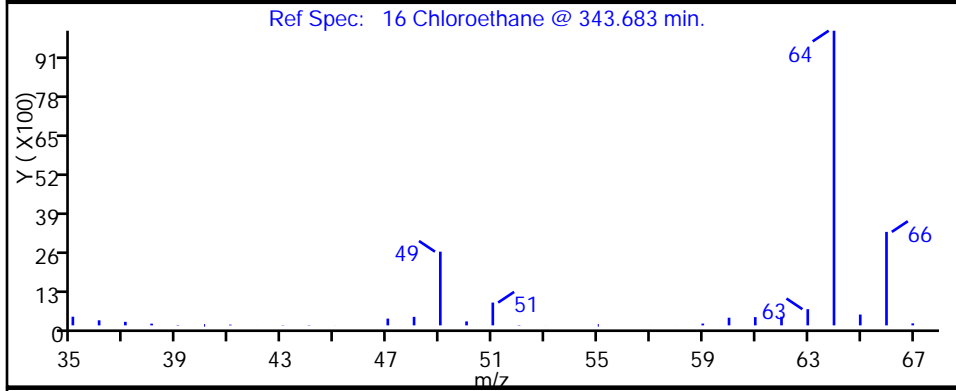
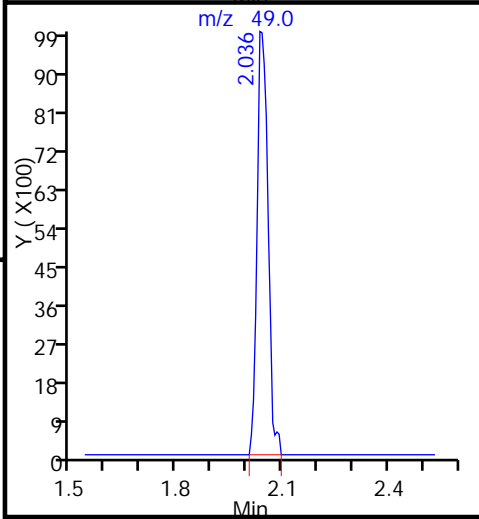
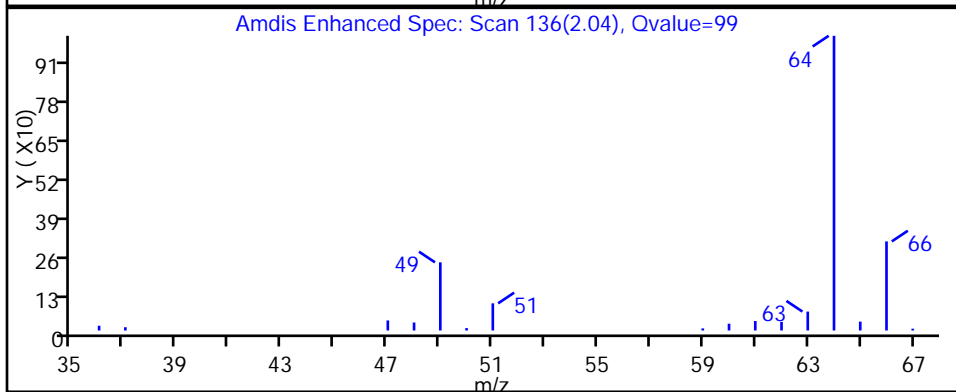
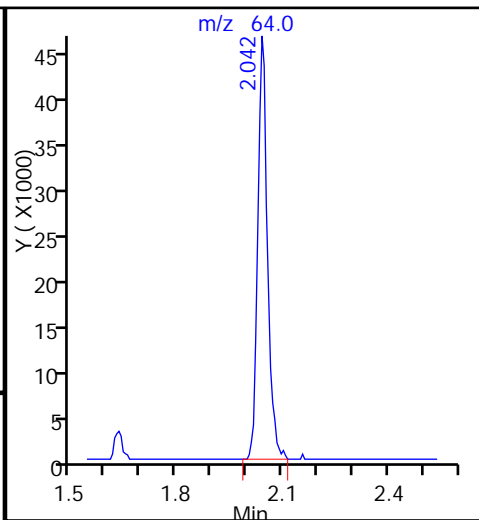
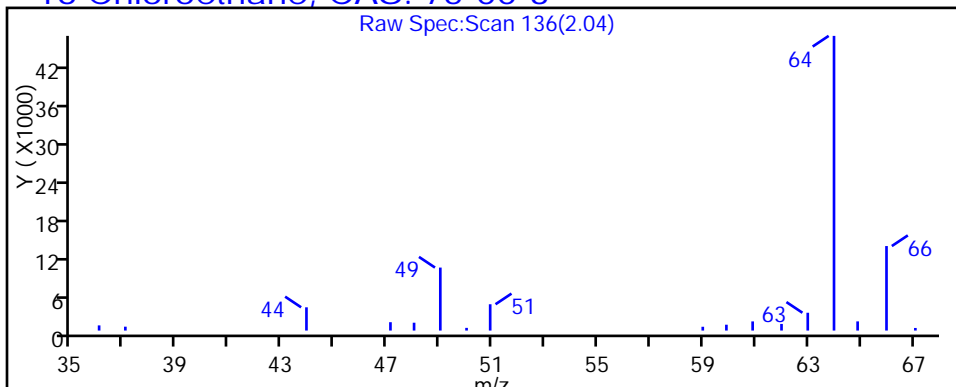
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

16 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2628.D

Injection Date: 19-Jan-2017 13:11:30

Instrument ID: HP5973N

Lims ID: 480-112334-C-15

Lab Sample ID: 480-112334-15

Client ID: DPT-7

Operator ID: nea

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

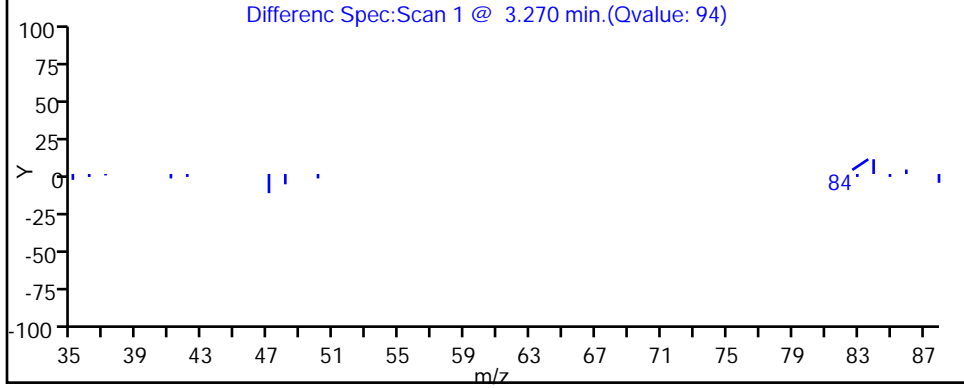
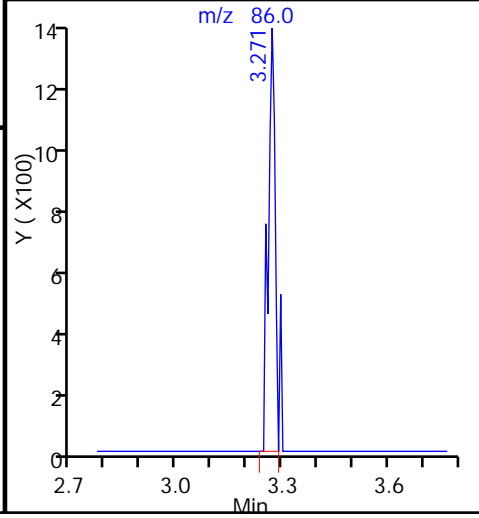
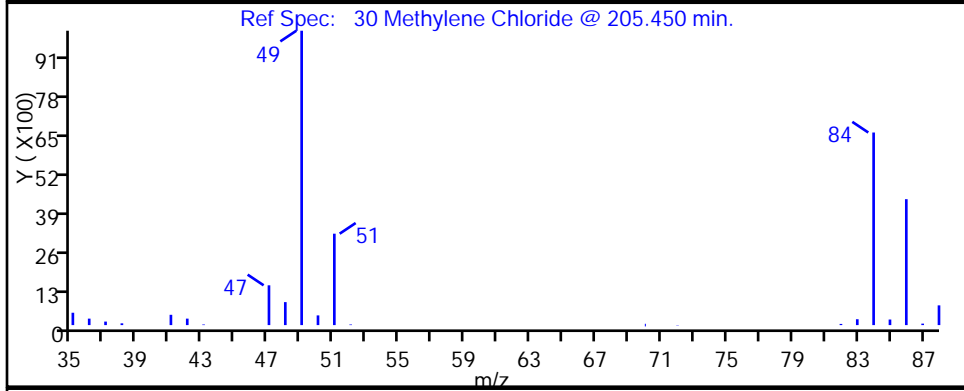
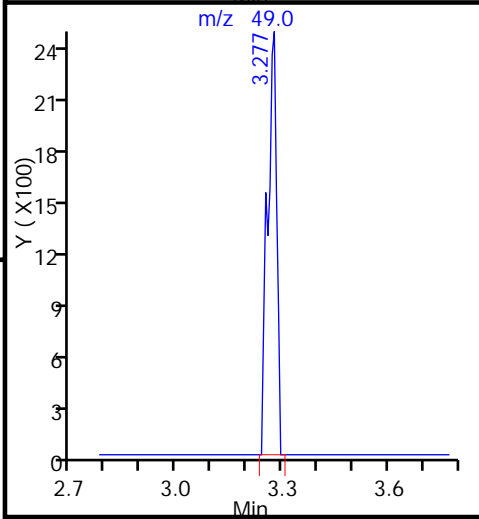
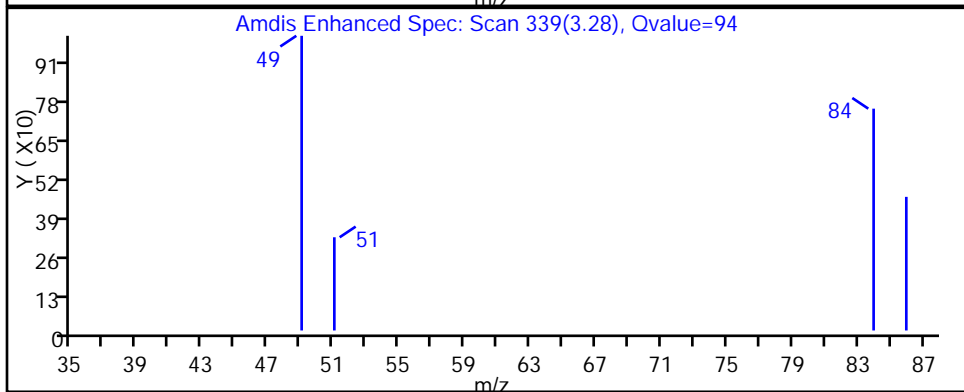
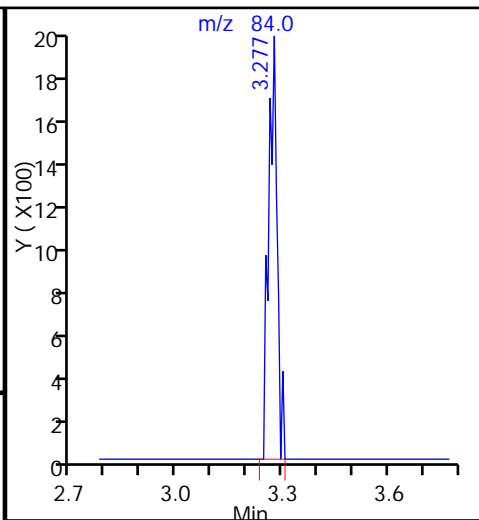
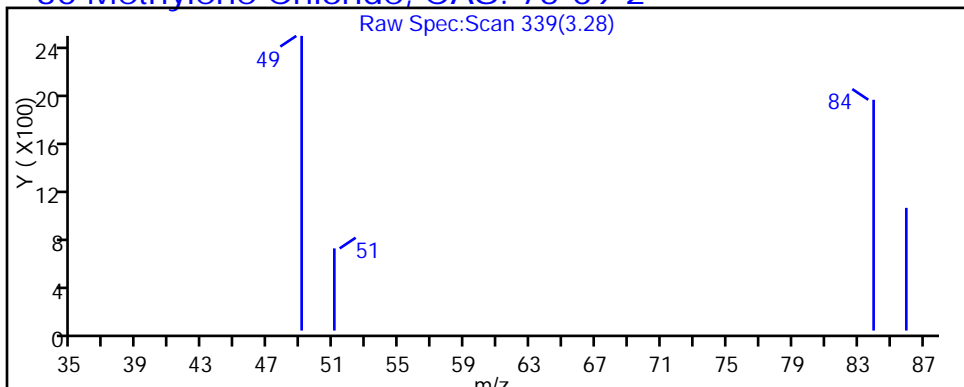
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2628.D

Injection Date: 19-Jan-2017 13:11:30

Instrument ID: HP5973N

Lims ID: 480-112334-C-15

Lab Sample ID: 480-112334-15

Client ID: DPT-7

Operator ID: nea

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

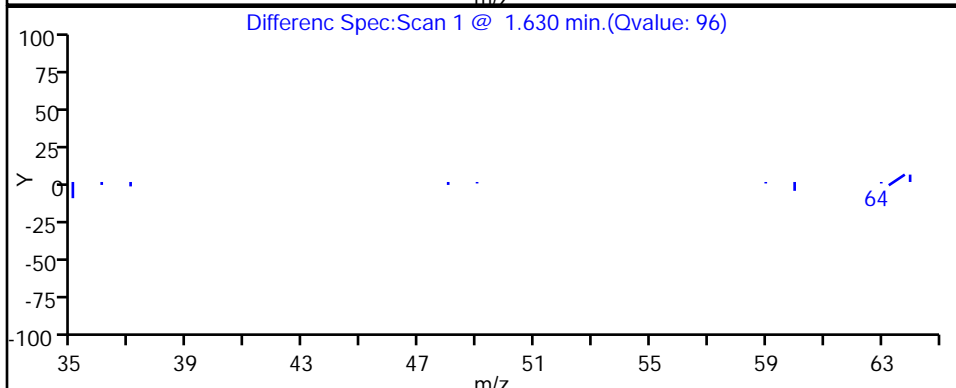
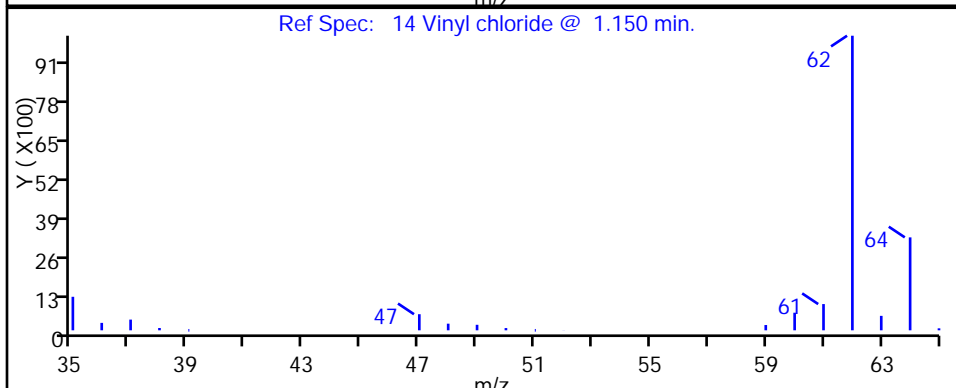
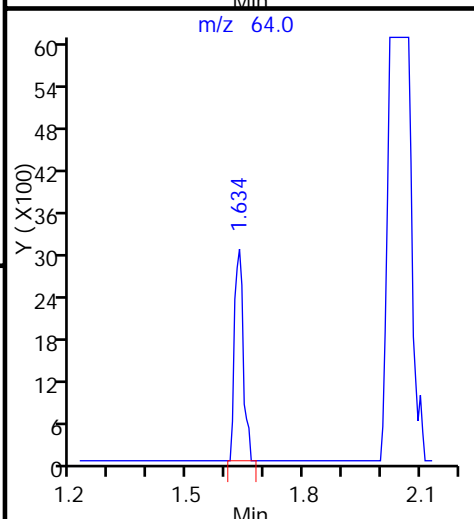
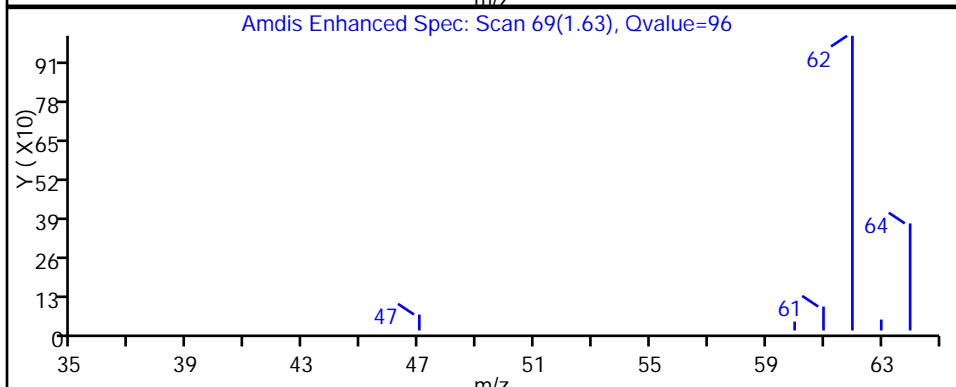
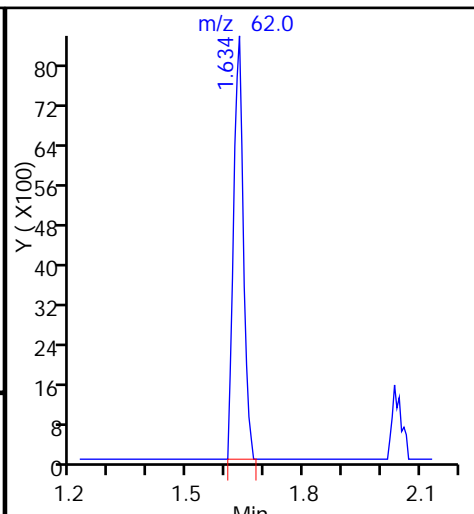
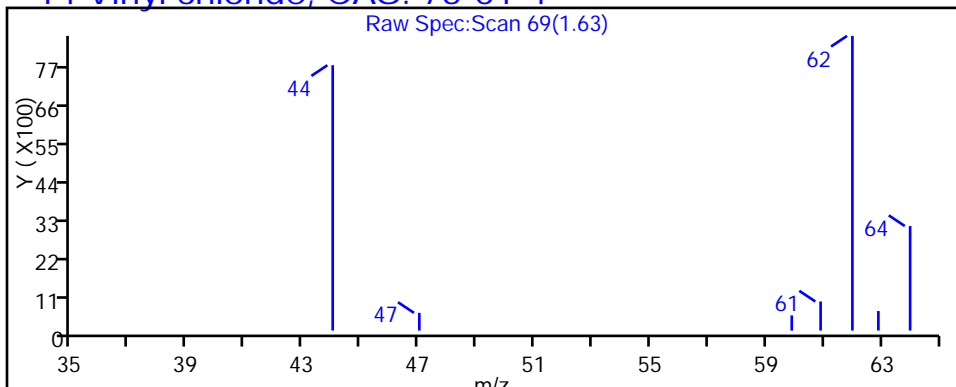
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-8 Lab Sample ID: 480-112334-16
 Matrix: Water Lab File ID: P22079.D
 Analysis Method: 8260C Date Collected: 01/16/2017 11:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 04:37
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	170		40	33
79-34-5	1,1,2,2-Tetrachloroethane	ND		40	8.4
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12
79-00-5	1,1,2-Trichloroethane	ND		40	9.2
75-34-3	1,1-Dichloroethane	130		40	15
75-35-4	1,1-Dichloroethene	27	J	40	12
120-82-1	1,2,4-Trichlorobenzene	ND		40	16
96-12-8	1,2-Dibromo-3-Chloropropane	ND		40	16
106-93-4	1,2-Dibromoethane	ND		40	29
95-50-1	1,2-Dichlorobenzene	ND		40	32
107-06-2	1,2-Dichloroethane	ND		40	8.4
78-87-5	1,2-Dichloropropane	ND		40	29
541-73-1	1,3-Dichlorobenzene	ND		40	31
106-46-7	1,4-Dichlorobenzene	ND		40	34
78-93-3	2-Butanone (MEK)	ND		400	53
591-78-6	2-Hexanone	ND		200	50
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		200	84
67-64-1	Acetone	ND		400	120
71-43-2	Benzene	ND		40	16
75-27-4	Bromodichloromethane	ND		40	16
75-25-2	Bromoform	ND		40	10
74-83-9	Bromomethane	ND	*	40	28
75-15-0	Carbon disulfide	ND		40	7.6
56-23-5	Carbon tetrachloride	ND		40	11
108-90-7	Chlorobenzene	ND		40	30
75-00-3	Chloroethane	ND		40	13
67-66-3	Chloroform	ND		40	14
74-87-3	Chloromethane	ND		40	14
156-59-2	cis-1,2-Dichloroethene	5000	E	40	32
10061-01-5	cis-1,3-Dichloropropene	ND		40	14
110-82-7	Cyclohexane	ND		40	7.2
124-48-1	Dibromochloromethane	ND		40	13
75-71-8	Dichlorodifluoromethane	ND		40	27
100-41-4	Ethylbenzene	ND		40	30
98-82-8	Isopropylbenzene	ND		40	32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-8 Lab Sample ID: 480-112334-16
 Matrix: Water Lab File ID: P22079.D
 Analysis Method: 8260C Date Collected: 01/16/2017 11:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 04:37
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		100	52
1634-04-4	Methyl tert-butyl ether	ND		40	6.4
108-87-2	Methylcyclohexane	ND		40	6.4
75-09-2	Methylene Chloride	ND		40	18
100-42-5	Styrene	ND		40	29
127-18-4	Tetrachloroethene	ND		40	14
108-88-3	Toluene	ND		40	20
156-60-5	trans-1,2-Dichloroethene	ND		40	36
10061-02-6	trans-1,3-Dichloropropene	ND		40	15
79-01-6	Trichloroethene	98		40	18
75-69-4	Trichlorofluoromethane	ND		40	35
75-01-4	Vinyl chloride	920		40	36
1330-20-7	Xylenes, Total	ND		80	26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22079.D
 Lims ID: 480-112334-A-16
 Client ID: DPT-8
 Sample Type: Client
 Inject. Date: 18-Jan-2017 04:37:30 ALS Bottle#: 53 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 40.0000
 Sample Info: 480-112334-A-16
 Misc. Info.: 480-0059829-027
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 09:40:51 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK003

First Level Reviewer: farrellr

Date: 18-Jan-2017 09:40:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	99	88048	25.0	
* 2 Chlorobenzene-d5	82	13.764	13.757	0.007	86	185762	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.751	0.000	94	235919	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	70997	26.3	
\$ 5 Toluene-d8 (Surr)	98	11.793	11.792	0.001	94	400472	24.7	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	96	157352	23.8	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.285				ND	
17 Vinyl chloride	62	4.517	4.516	0.001	98	102096	23.1	
12 Bromomethane	94		5.064				ND	
13 Chloroethane	64		5.198				ND	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238				ND	
25 1,1-Dichloroethene	96	6.293	6.281	0.012	92	3851	0.6847	
24 Acetone	43		6.317				ND	
27 Carbon disulfide	76		6.670				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96	7.236	7.236	0.012	60	2704	0.4335	
40 1,1-Dichloroethane	63	7.753	7.747	0.006	97	37660	3.19	
44 2-Butanone (MEK)	43		8.392				ND	
43 cis-1,2-Dichloroethene	96	8.447	8.440	0.007	83	882148	124.2	E
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97	9.061	9.055	0.006	97	39513	4.29	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.262				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95	10.272	10.265	0.007	91	15514	2.45	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.440				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92		11.884				ND	
78 trans-1,3-Dichloropropene	75		12.145				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.867				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.573				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.418				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.268				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22079.D

Injection Date: 18-Jan-2017 04:37:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: 480-112334-A-16

Lab Sample ID: 480-112334-16

Worklist Smp#: 27

Client ID: DPT-8

Purge Vol: 5.000 mL

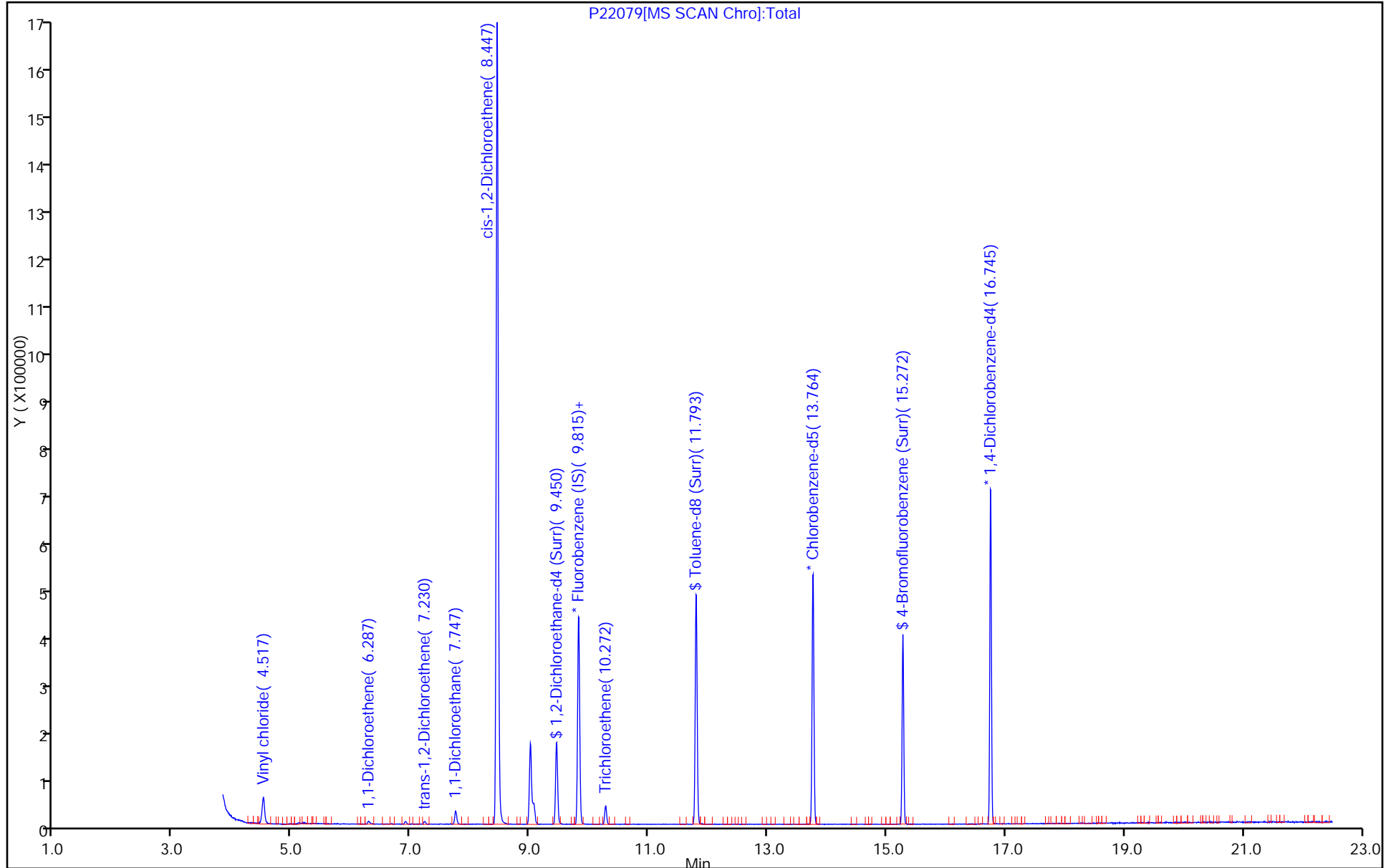
Dil. Factor: 40.0000

ALS Bottle#: 53

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22079.D

Injection Date: 18-Jan-2017 04:37:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: RR

ALS Bottle#: 53

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor: 40.0000

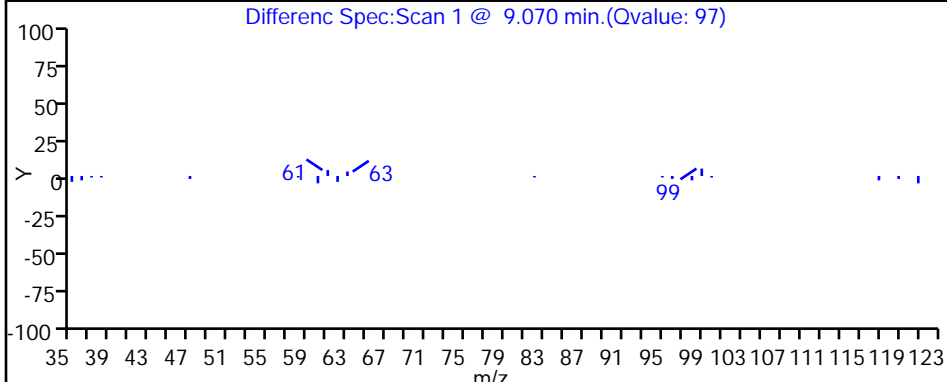
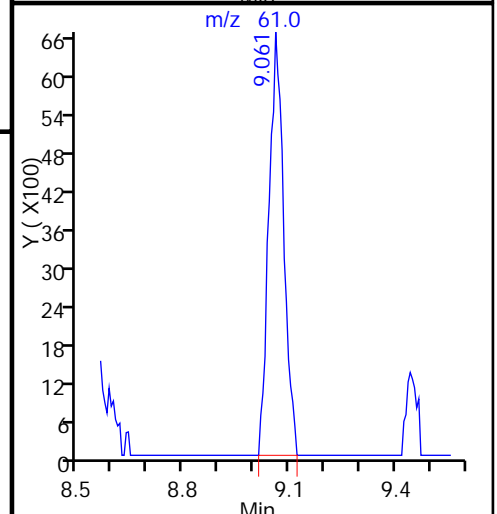
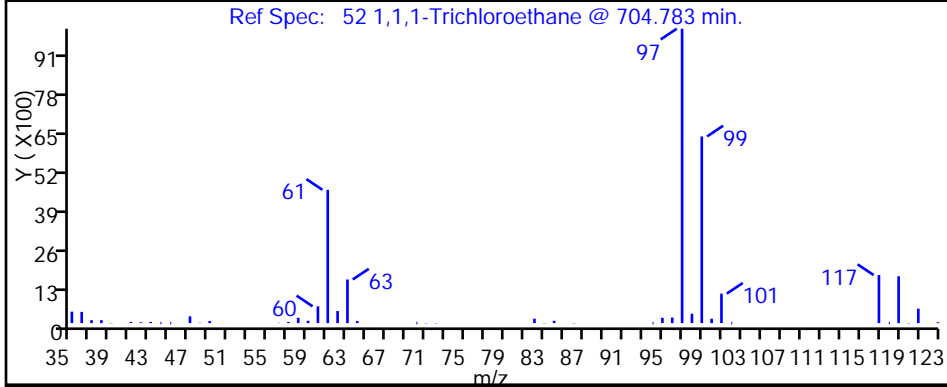
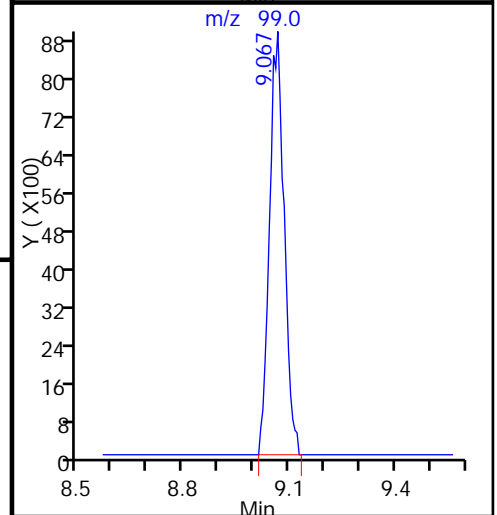
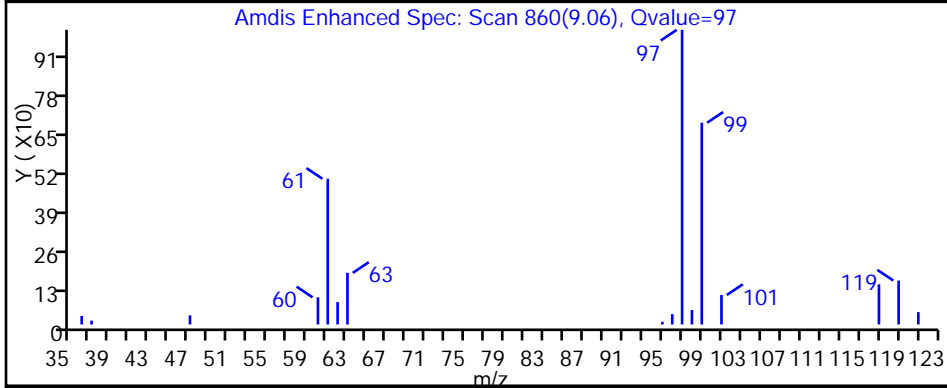
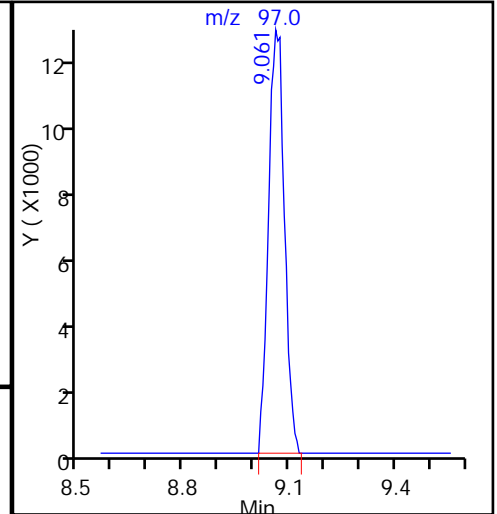
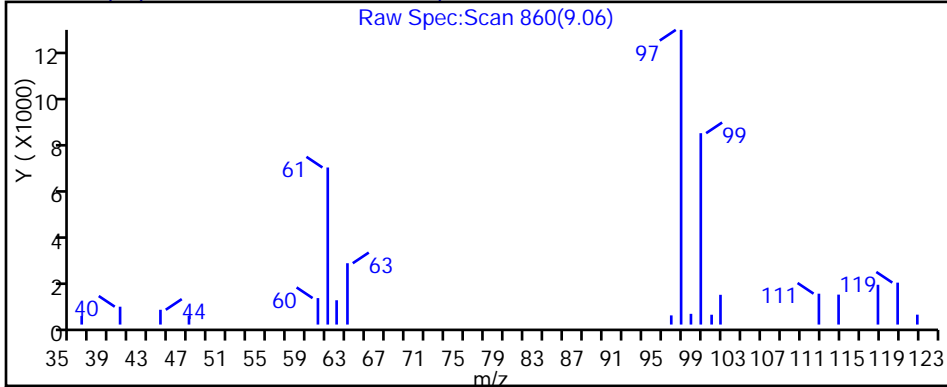
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22079.D

Injection Date: 18-Jan-2017 04:37:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: RR

ALS Bottle#: 53

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor: 40.0000

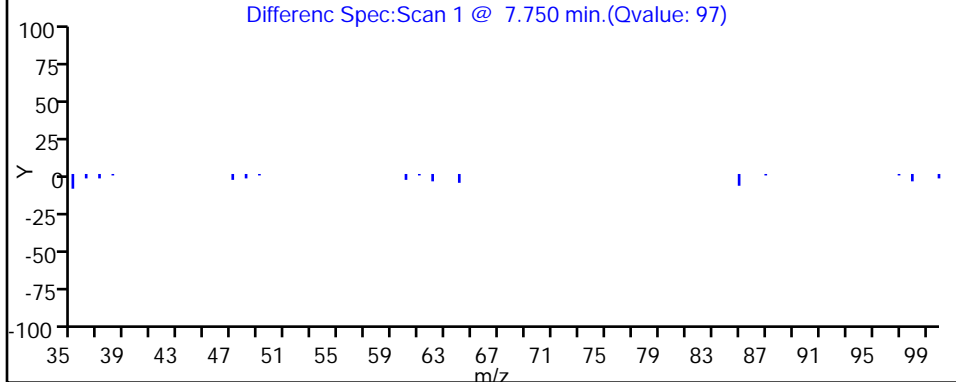
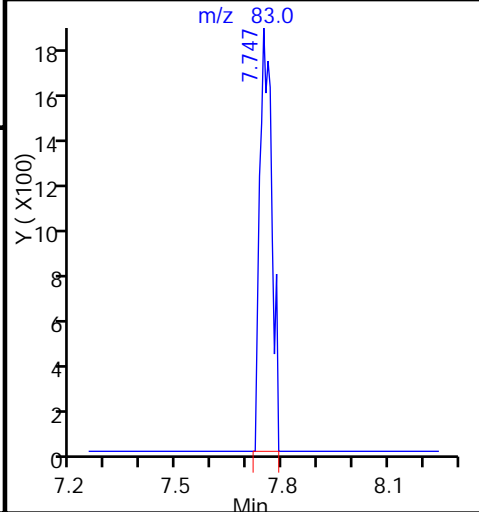
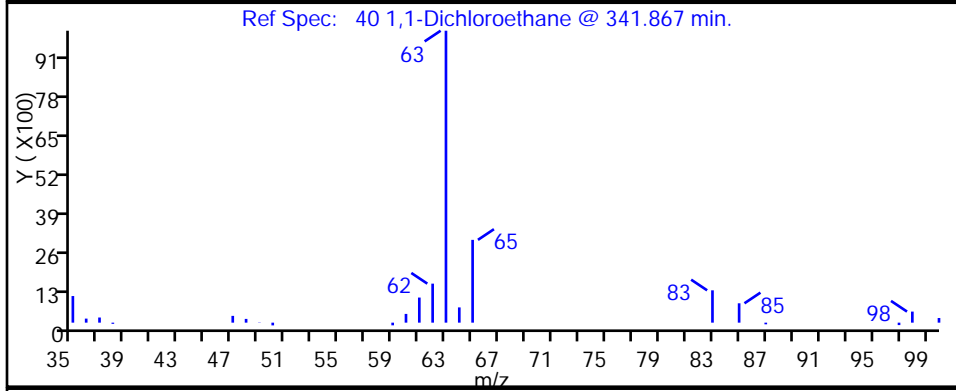
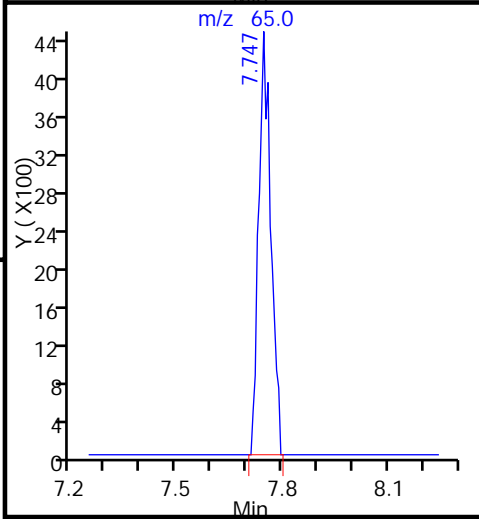
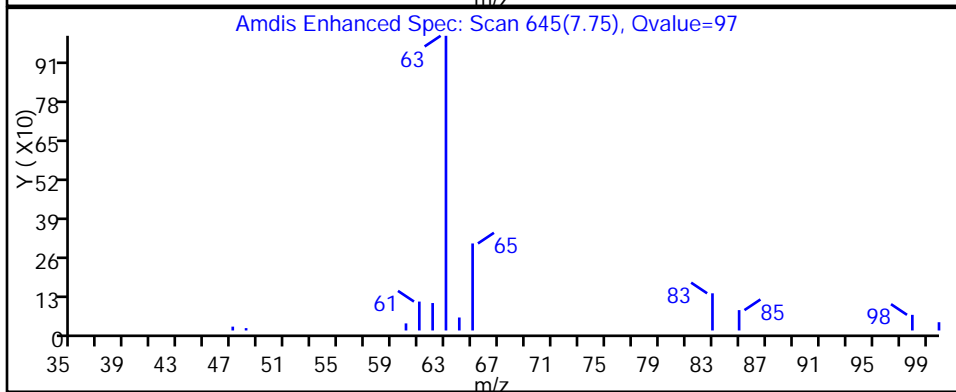
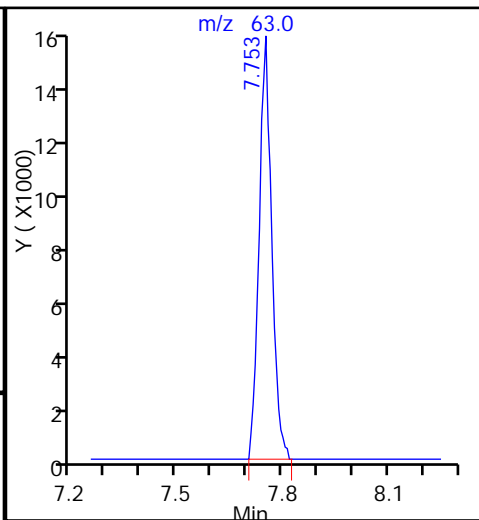
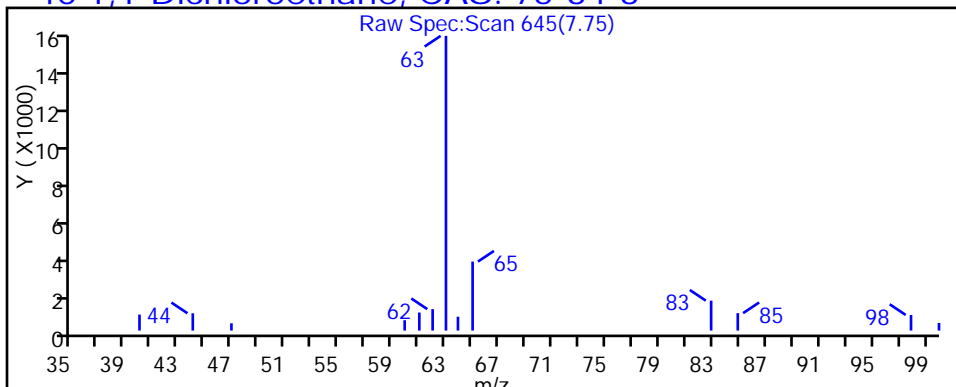
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

40 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22079.D

Injection Date: 18-Jan-2017 04:37:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: RR

ALS Bottle#: 53

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor: 40.0000

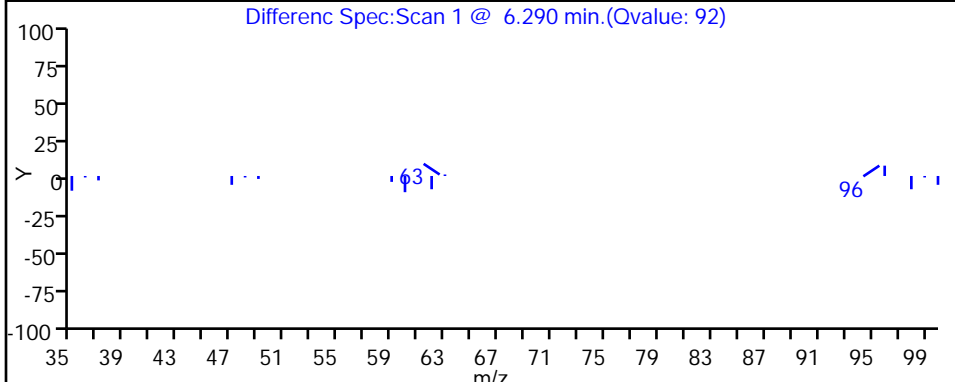
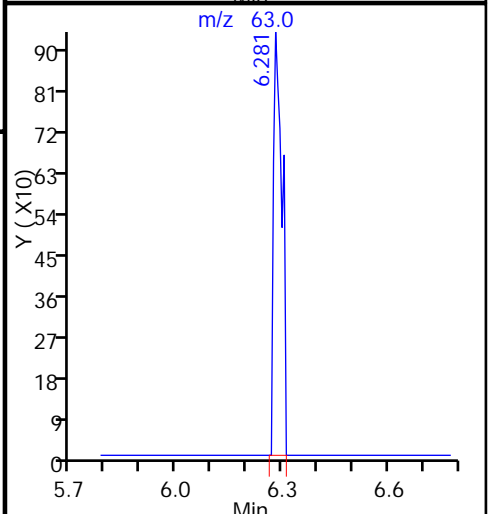
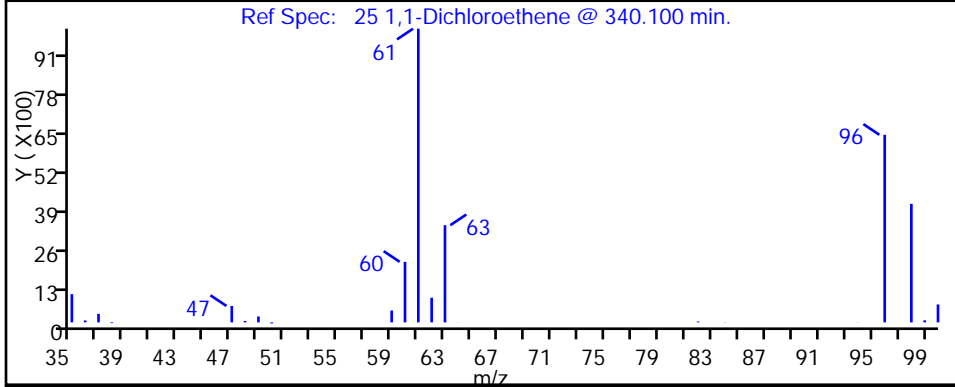
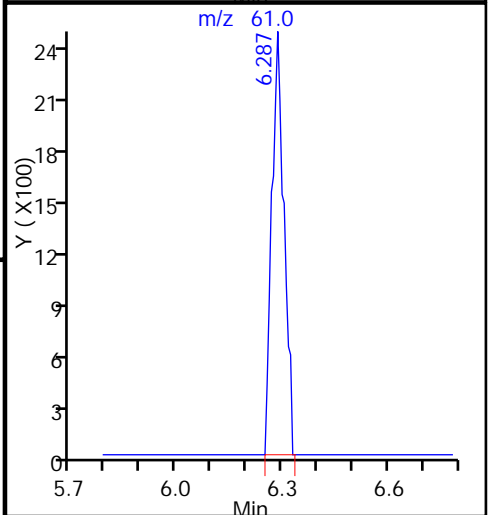
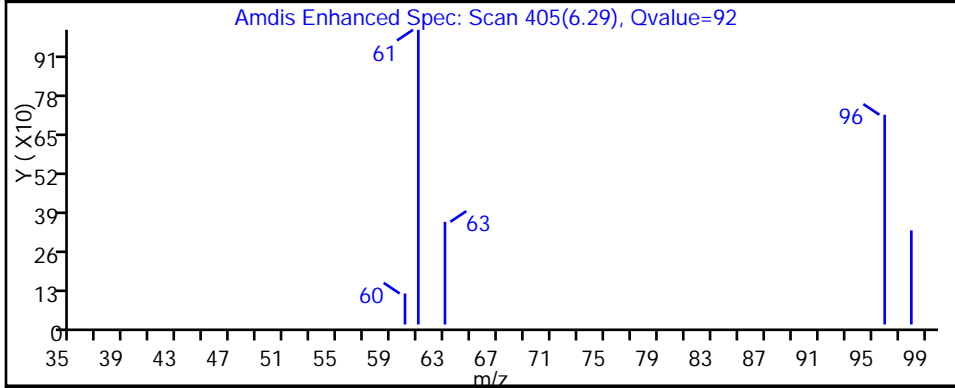
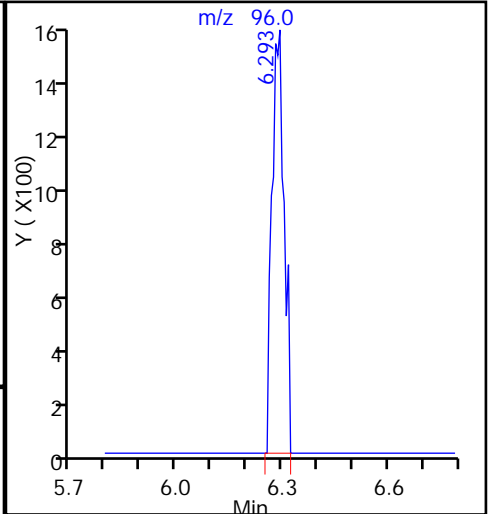
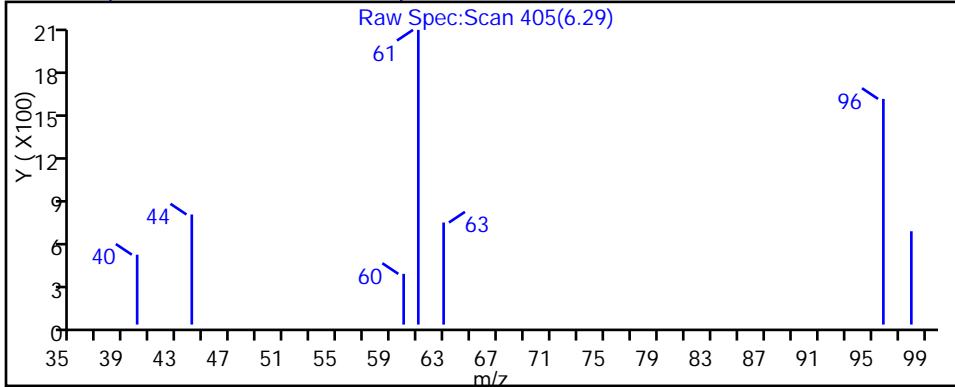
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

25 1,1-Dichloroethene, CAS: 75-35-4



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22079.D

Injection Date: 18-Jan-2017 04:37:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: RR

ALS Bottle#: 53

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor: 40.0000

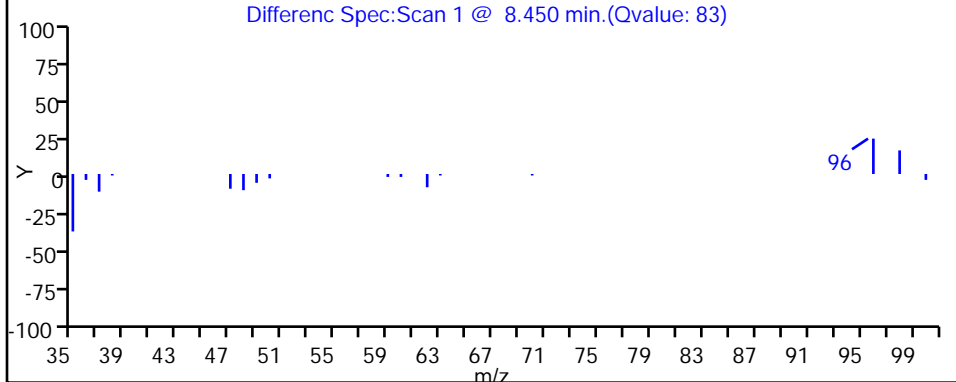
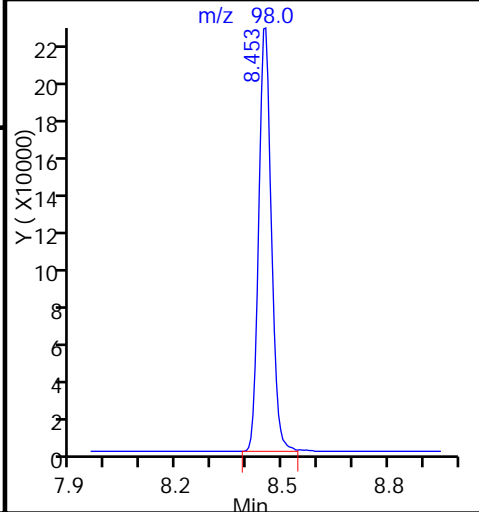
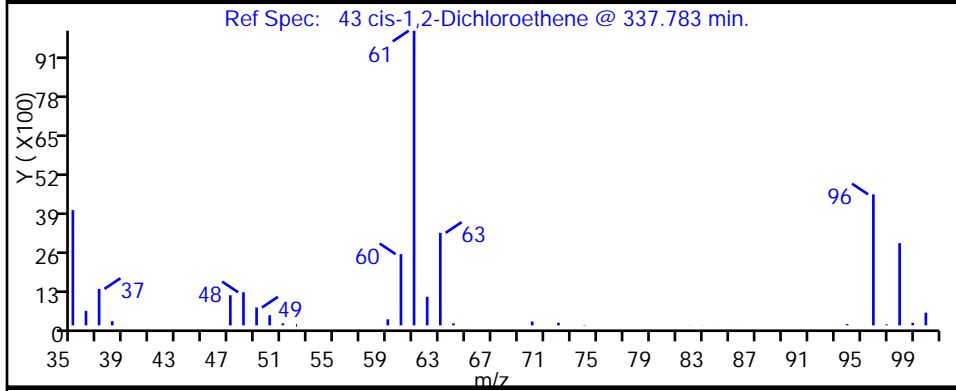
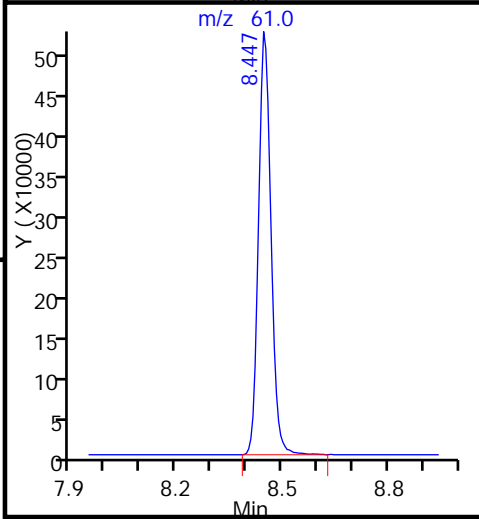
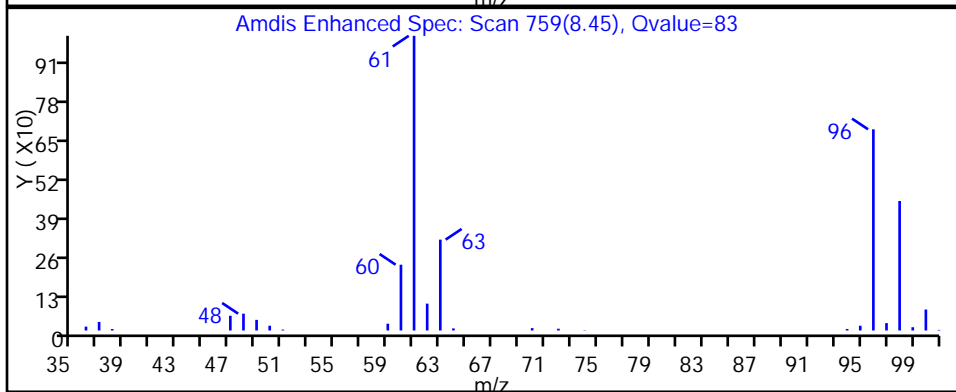
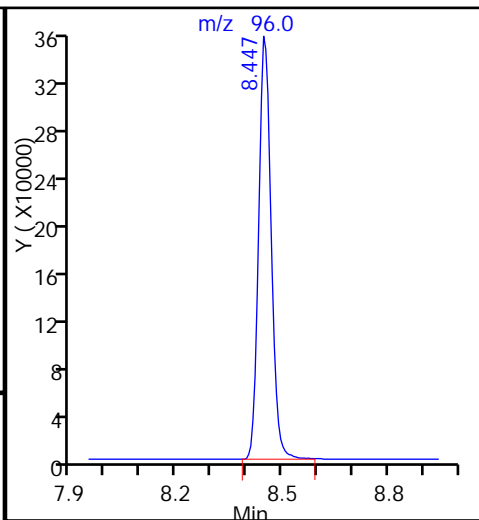
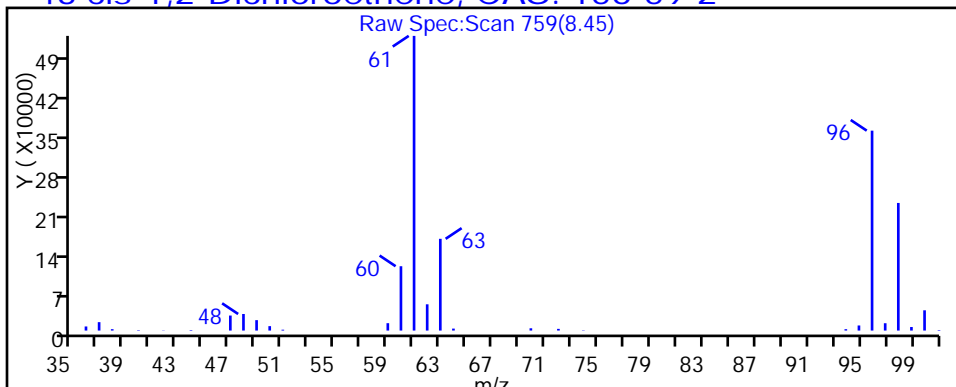
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22079.D

Injection Date: 18-Jan-2017 04:37:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: RR

ALS Bottle#: 53

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor: 40.0000

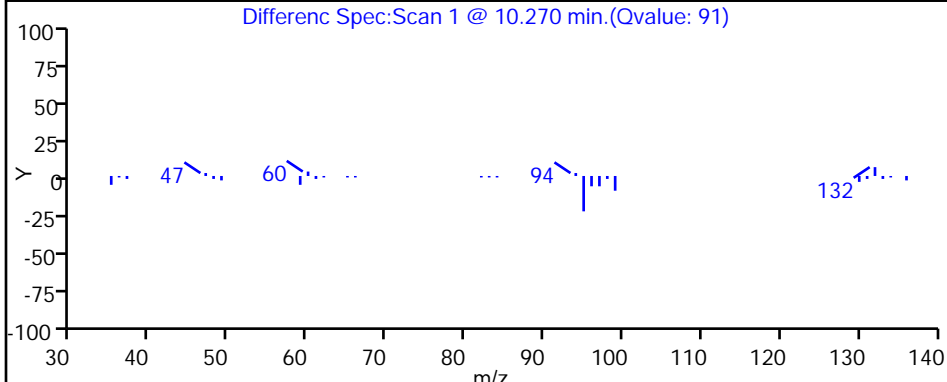
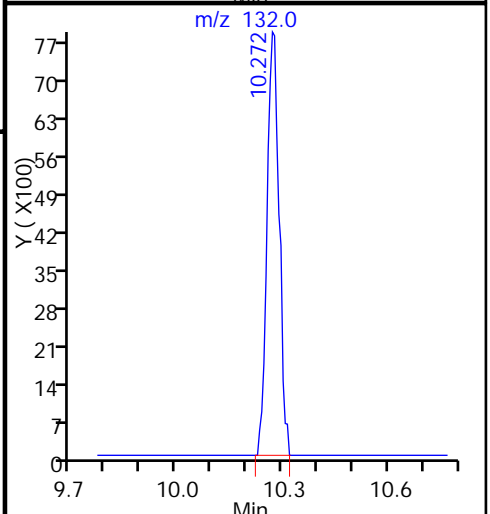
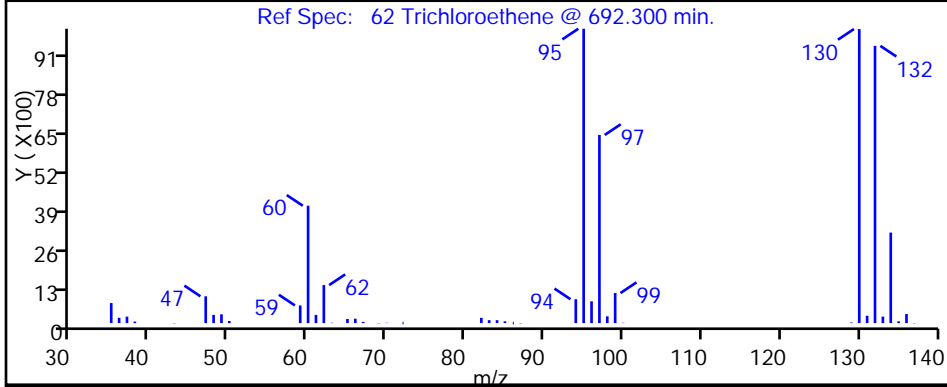
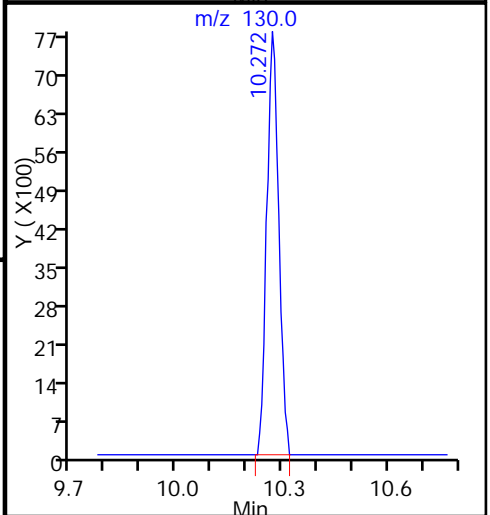
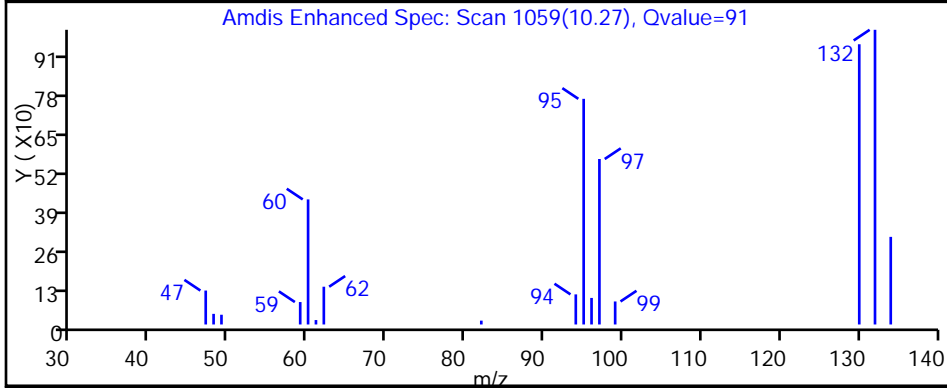
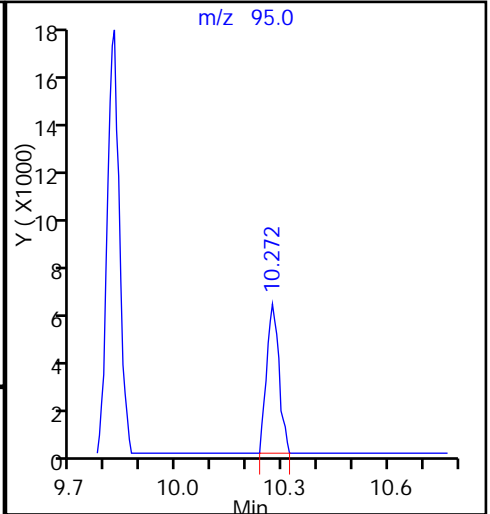
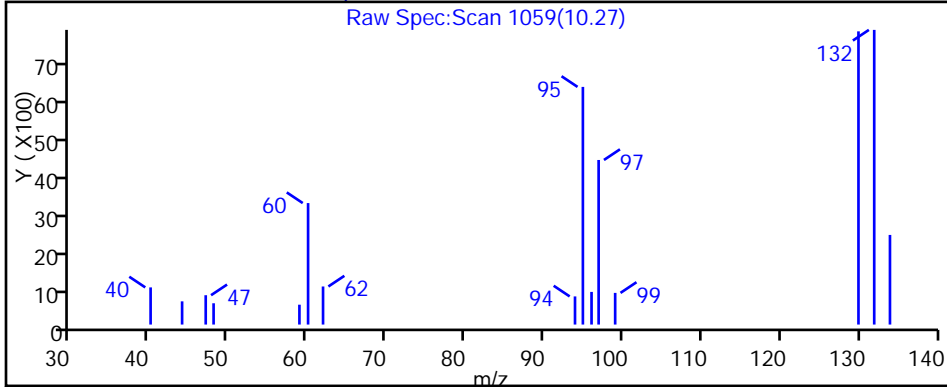
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

62 Trichloroethene, CAS: 79-01-6



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22079.D

Injection Date: 18-Jan-2017 04:37:30

Instrument ID: HP5973P

Lims ID: 480-112334-A-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: RR

ALS Bottle#: 53

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor: 40.0000

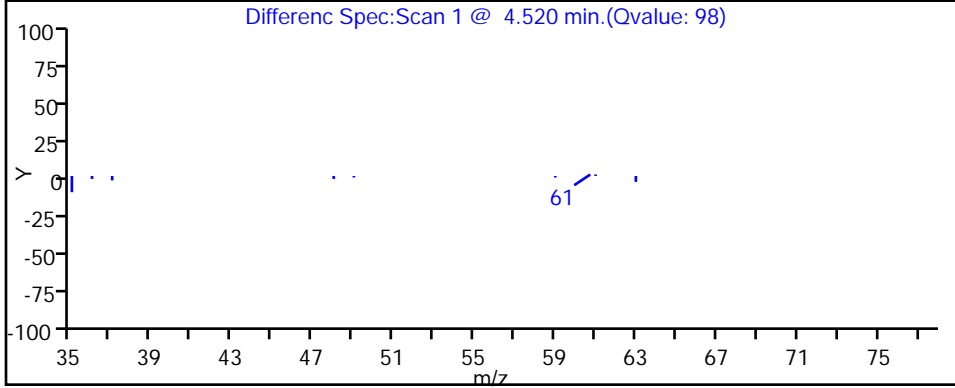
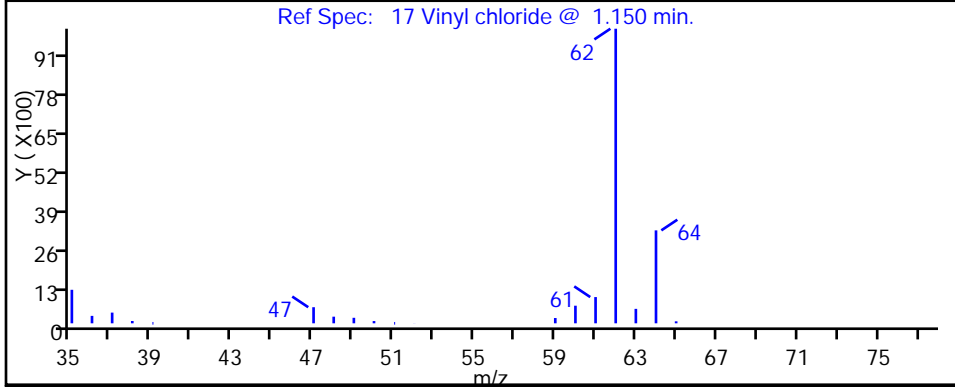
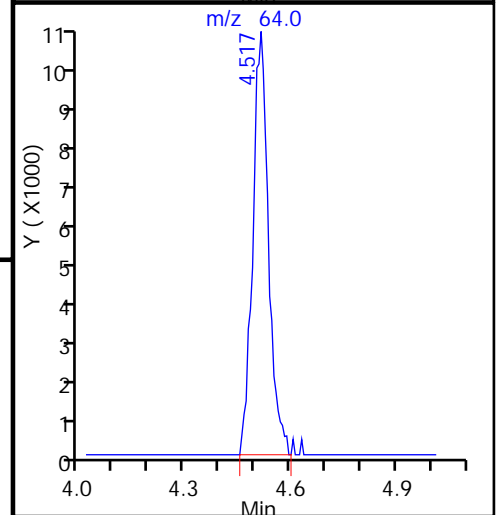
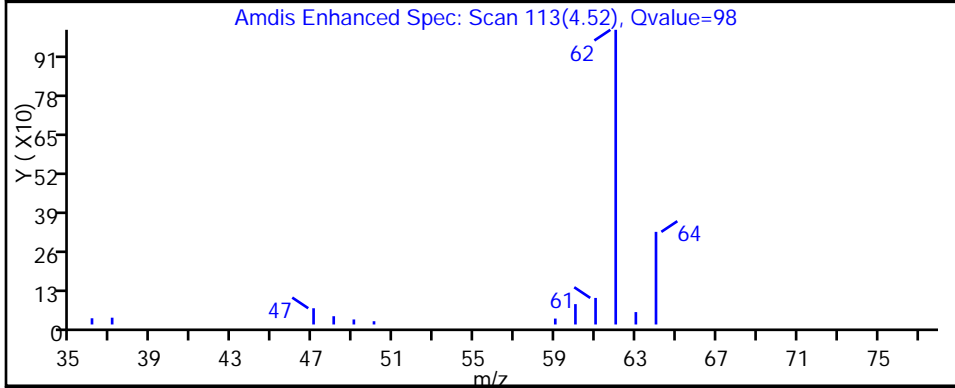
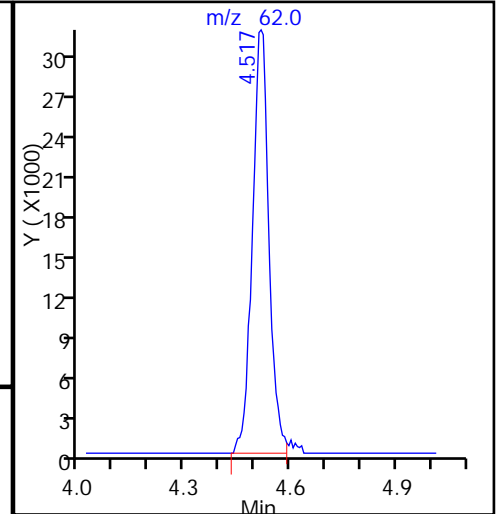
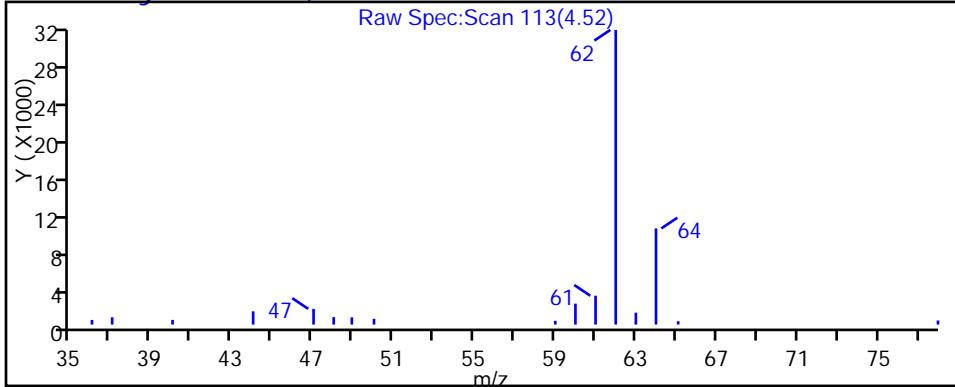
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-8 DL Lab Sample ID: 480-112334-16 DL
 Matrix: Water Lab File ID: N2589.D
 Analysis Method: 8260C Date Collected: 01/16/2017 11:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 14:04
 Soil Aliquot Vol: _____ Dilution Factor: 100
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	140		100	82
79-34-5	1,1,2,2-Tetrachloroethane	ND		100	21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31
79-00-5	1,1,2-Trichloroethane	ND		100	23
75-34-3	1,1-Dichloroethane	96	J	100	38
75-35-4	1,1-Dichloroethene	ND		100	29
120-82-1	1,2,4-Trichlorobenzene	ND		100	41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		100	39
106-93-4	1,2-Dibromoethane	ND		100	73
95-50-1	1,2-Dichlorobenzene	ND		100	79
107-06-2	1,2-Dichloroethane	ND		100	21
78-87-5	1,2-Dichloropropane	ND		100	72
541-73-1	1,3-Dichlorobenzene	ND		100	78
106-46-7	1,4-Dichlorobenzene	ND		100	84
78-93-3	2-Butanone (MEK)	ND		1000	130
591-78-6	2-Hexanone	ND		500	120
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	210
67-64-1	Acetone	ND		1000	300
71-43-2	Benzene	ND		100	41
75-27-4	Bromodichloromethane	ND		100	39
75-25-2	Bromoform	ND		100	26
74-83-9	Bromomethane	ND		100	69
75-15-0	Carbon disulfide	ND		100	19
56-23-5	Carbon tetrachloride	ND		100	27
108-90-7	Chlorobenzene	ND		100	75
75-00-3	Chloroethane	ND		100	32
67-66-3	Chloroform	ND		100	34
74-87-3	Chloromethane	ND		100	35
156-59-2	cis-1,2-Dichloroethene	4100		100	81
10061-01-5	cis-1,3-Dichloropropene	ND		100	36
110-82-7	Cyclohexane	ND		100	18
124-48-1	Dibromochloromethane	ND		100	32
75-71-8	Dichlorodifluoromethane	ND		100	68
100-41-4	Ethylbenzene	ND		100	74
98-82-8	Isopropylbenzene	ND		100	79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-8 DL Lab Sample ID: 480-112334-16 DL
 Matrix: Water Lab File ID: N2589.D
 Analysis Method: 8260C Date Collected: 01/16/2017 11:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 14:04
 Soil Aliquot Vol: _____ Dilution Factor: 100
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND	*	250	130
1634-04-4	Methyl tert-butyl ether	ND		100	16
108-87-2	Methylcyclohexane	ND		100	16
75-09-2	Methylene Chloride	62	J	100	44
100-42-5	Styrene	ND		100	73
127-18-4	Tetrachloroethene	ND		100	36
108-88-3	Toluene	ND		100	51
156-60-5	trans-1,2-Dichloroethene	ND		100	90
10061-02-6	trans-1,3-Dichloropropene	ND		100	37
79-01-6	Trichloroethene	81	J	100	46
75-69-4	Trichlorofluoromethane	ND		100	88
75-01-4	Vinyl chloride	760		100	90
1330-20-7	Xylenes, Total	ND		200	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	91		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2589.D
 Lims ID: 480-112334-B-16
 Client ID: DPT-8
 Sample Type: Client
 Inject. Date: 18-Jan-2017 14:04:30 ALS Bottle#: 13 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 100.0000
 Sample Info: 480-112334-B-16
 Misc. Info.: 480-0059834-013
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 17:36:19 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: youngmans

Date: 18-Jan-2017 17:37:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	100	87381	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	346300	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	94	181296	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	123126	25.8	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	404471	22.9	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	96	144791	24.2	
11 Dichlorodifluoromethane	85		1.373				ND	
13 Chloromethane	50		1.525				ND	
14 Vinyl chloride	62	1.634	1.634	0.000	96	45086	7.56	
15 Bromomethane	94		1.926				ND	
16 Chloroethane	64		2.036				ND	
18 Trichlorofluoromethane	101		2.273				ND	
22 1,1-Dichloroethene	96		2.772				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.778				ND	
23 Acetone	43		2.863				ND	
25 Carbon disulfide	76		2.967				ND	
28 Methyl acetate	43		3.174				ND	
30 Methylene Chloride	84	3.277	3.265	0.012	85	3492	0.6161	
32 Methyl tert-butyl ether	73		3.496				ND	
33 trans-1,2-Dichloroethene	96		3.508				ND	
36 1,1-Dichloroethane	63	3.922	3.916	0.006	92	9365	0.9580	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	79	232920	40.6	
44 2-Butanone (MEK)	43		4.494				ND	
50 Chloroform	83		4.774				ND	
51 1,1,1-Trichloroethane	97	4.907	4.907	0.000	95	9299	1.41	
52 Cyclohexane	56		4.938				ND	
53 Carbon tetrachloride	117		5.053				ND	
55 Benzene	78		5.260				ND	
57 1,2-Dichloroethane	62		5.309				ND	
60 Trichloroethene	95	5.875	5.869	0.006	87	3949	0.8108	
62 Methylcyclohexane	83		6.015				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.100				ND	
67 Dichlorobromomethane	83		6.380				ND	
71 cis-1,3-Dichloropropene	75		6.805				ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945				ND	
73 Toluene	92		7.110				ND	
75 trans-1,3-Dichloropropene	75		7.365				ND	
78 1,1,2-Trichloroethane	83		7.554				ND	
79 Tetrachloroethene	166		7.651				ND	
82 2-Hexanone	43		7.785				ND	
83 Chlorodibromomethane	129		7.955				ND	
84 Ethylene Dibromide	107		8.059				ND	
85 Chlorobenzene	112		8.551				ND	
88 Ethylbenzene	91		8.655				ND	
90 m-Xylene & p-Xylene	106		8.777				ND	
91 o-Xylene	106		9.202				ND	
92 Styrene	104		9.227				ND	
93 Bromoform	173		9.458				ND	
95 Isopropylbenzene	105		9.586				ND	
98 1,1,2,2-Tetrachloroethane	83		9.957				ND	
110 1,3-Dichlorobenzene	146		10.839				ND	
113 1,4-Dichlorobenzene	146		10.924				ND	
116 1,2-Dichlorobenzene	146		11.277				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.989				ND	
119 1,2,4-Trichlorobenzene	180		12.688				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00053

Amount Added: 1.00

Units: uL

Run Reagent

N_8260_Surr_00236

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2589.D

Injection Date: 18-Jan-2017 14:04:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-B-16

Lab Sample ID: 480-112334-16

Worklist Smp#: 13

Client ID: DPT-8

Purge Vol: 5.000 mL

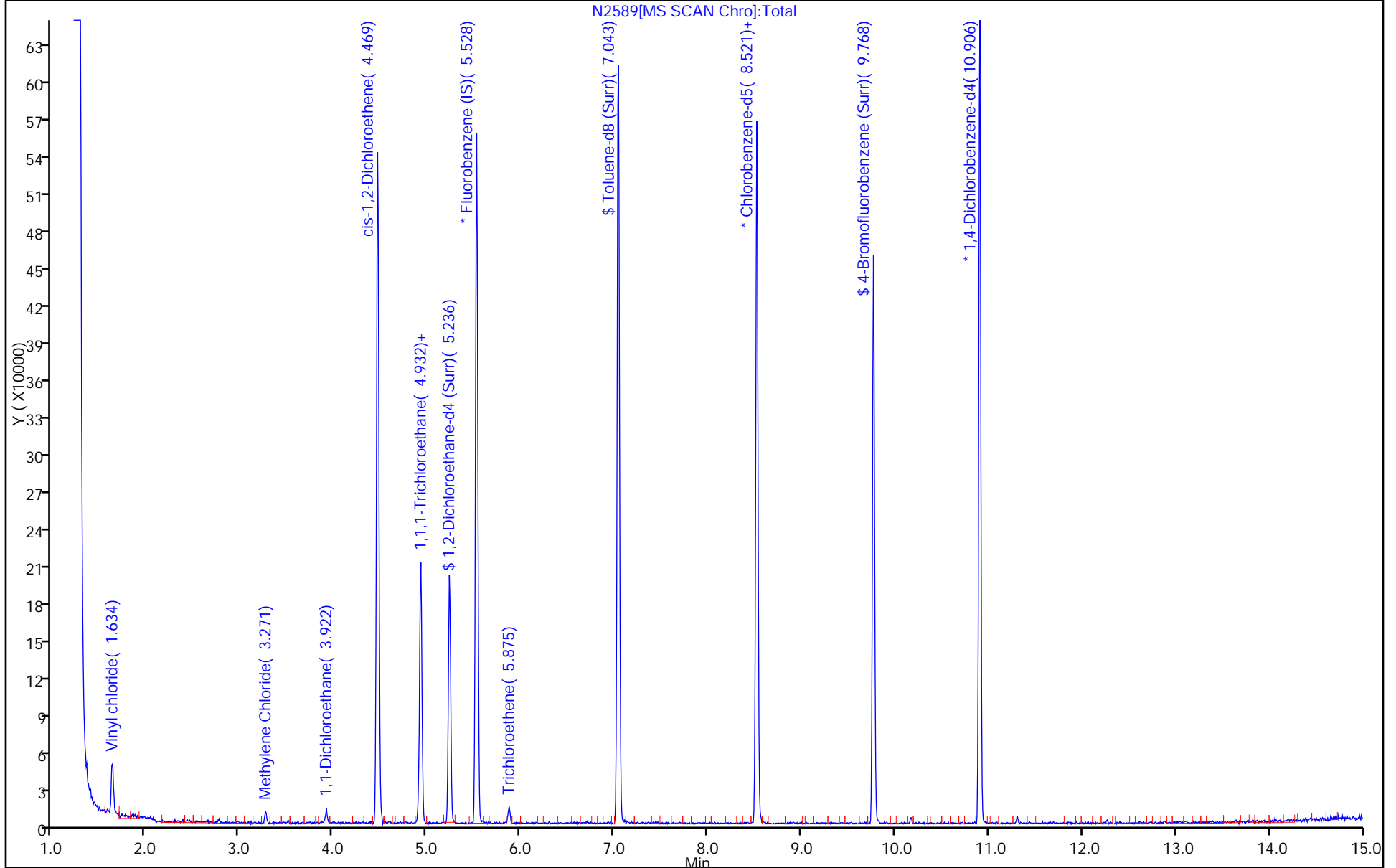
Dil. Factor: 100.0000

ALS Bottle#: 13

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2589.D

Injection Date: 18-Jan-2017 14:04:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: nea

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

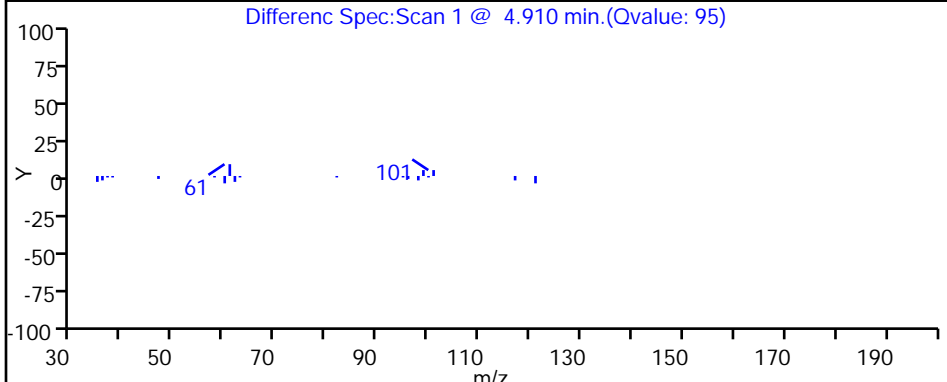
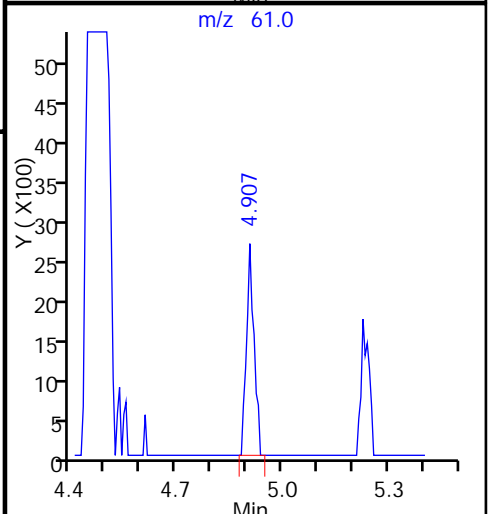
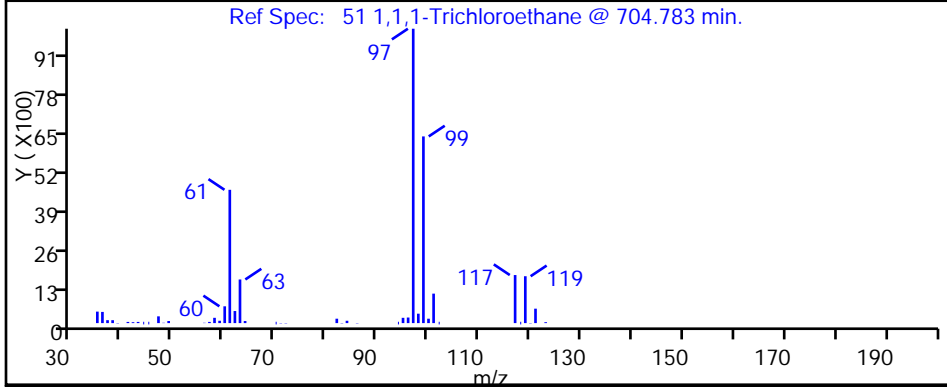
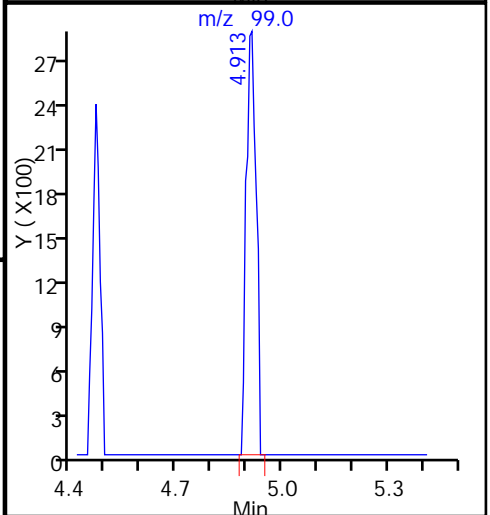
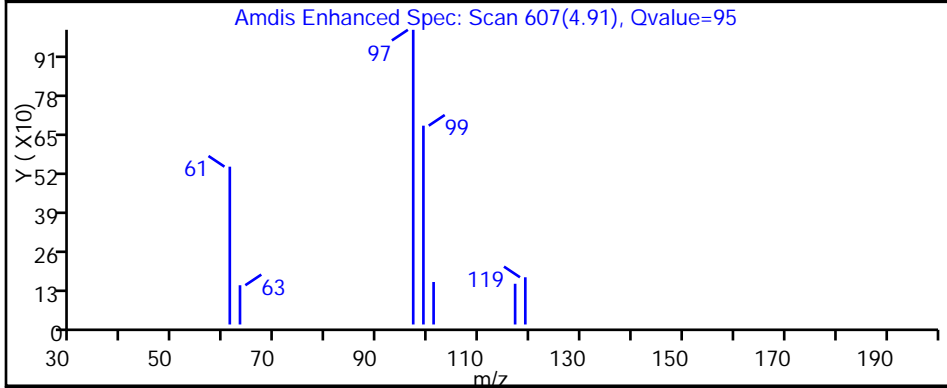
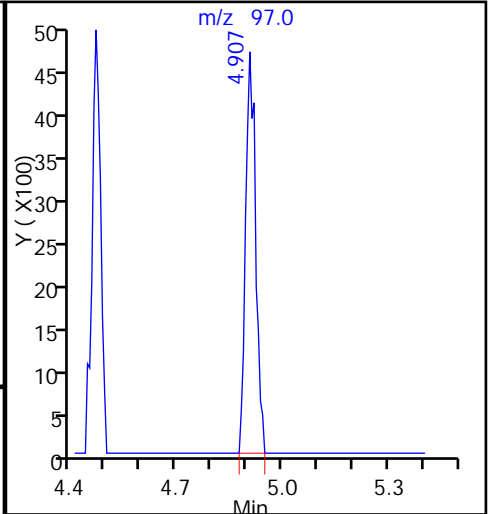
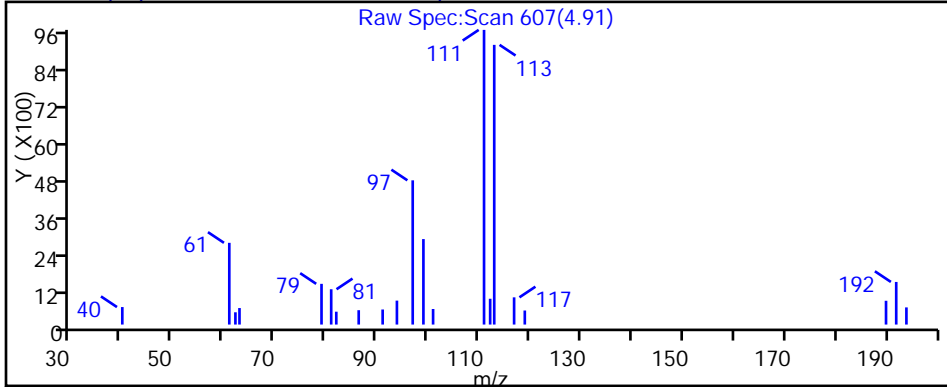
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2589.D

Injection Date: 18-Jan-2017 14:04:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: nea

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

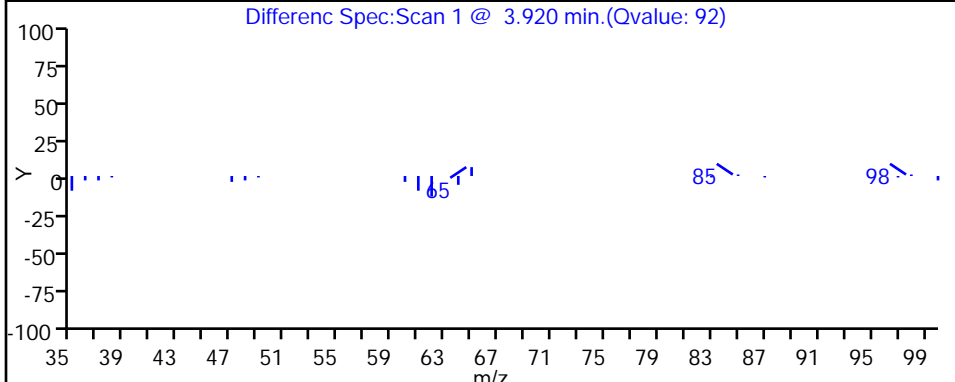
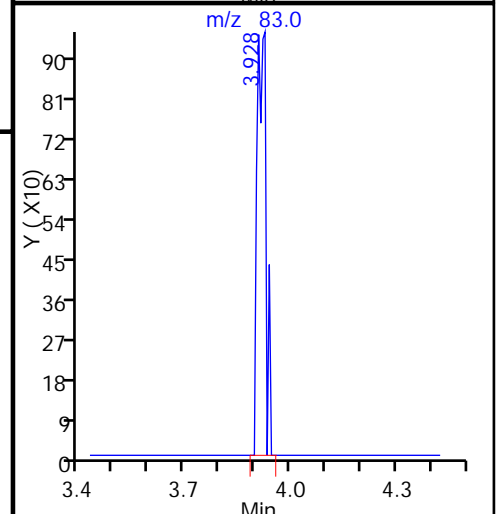
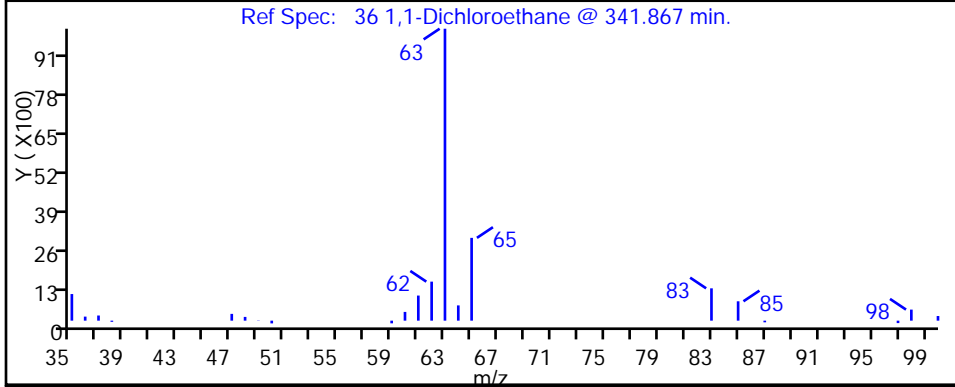
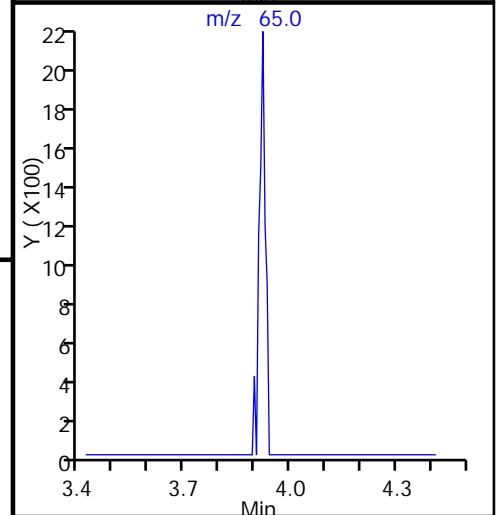
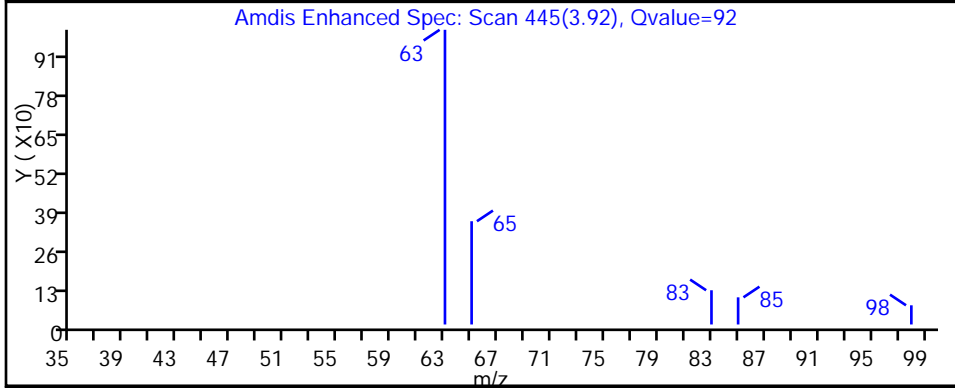
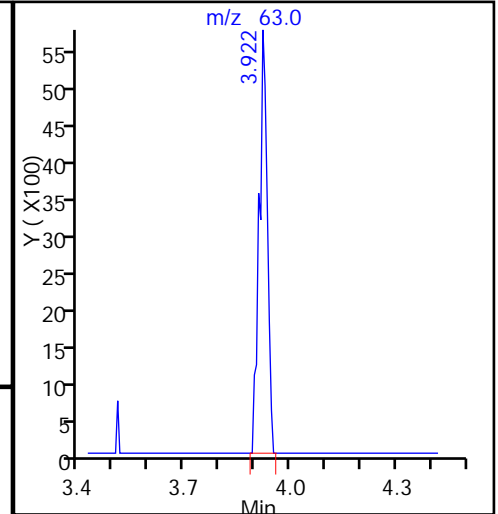
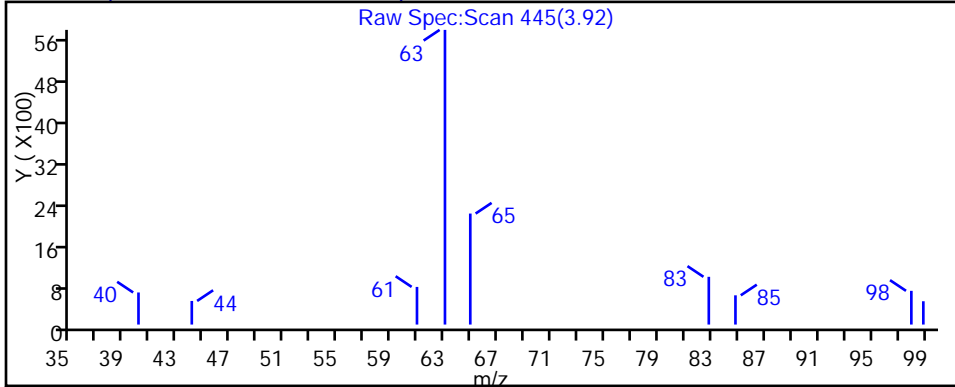
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2589.D

Injection Date: 18-Jan-2017 14:04:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: nea

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

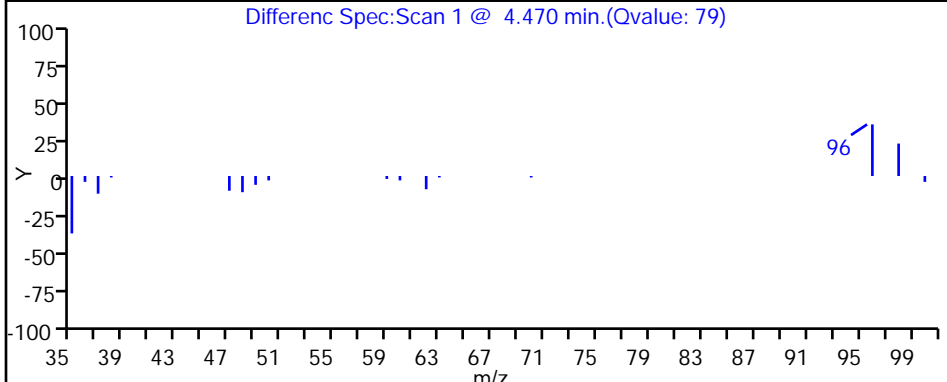
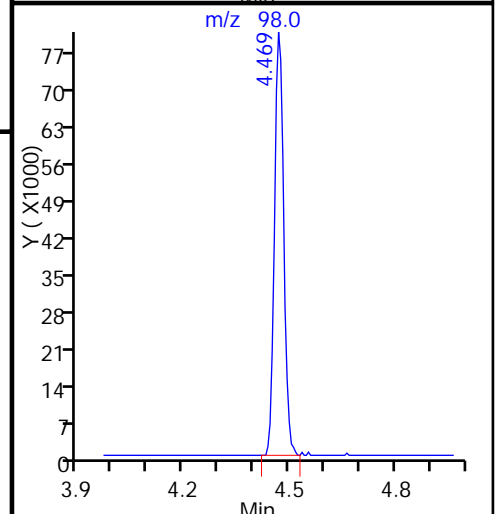
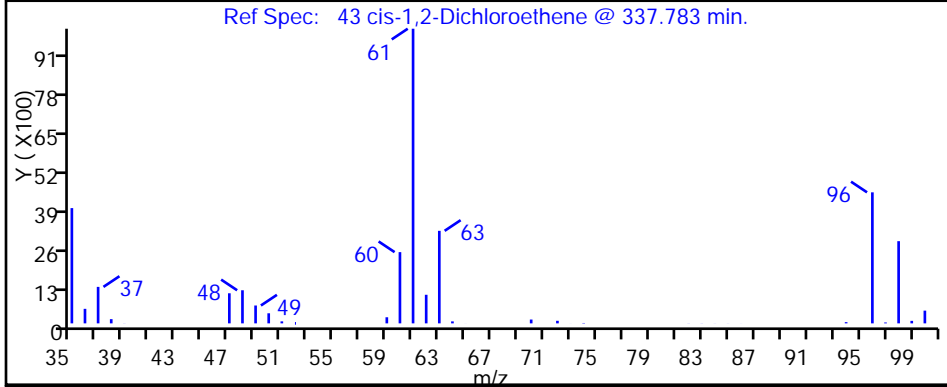
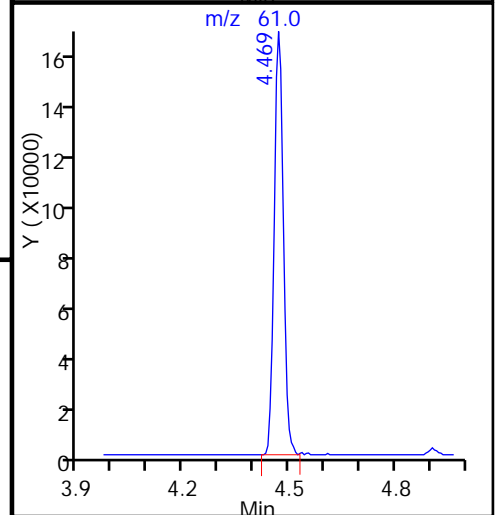
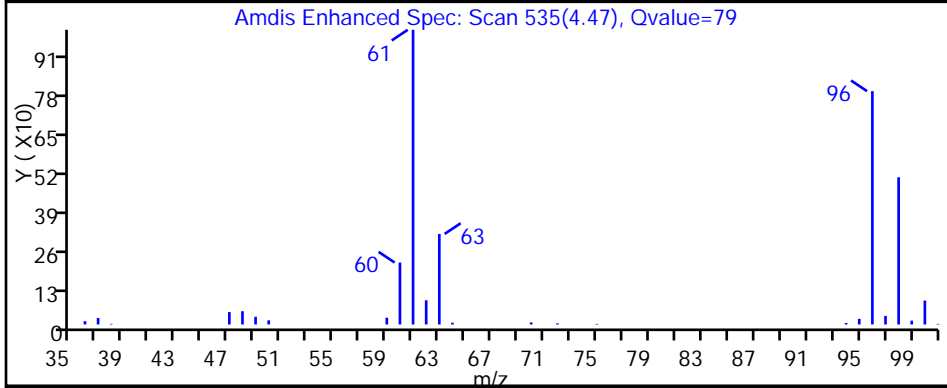
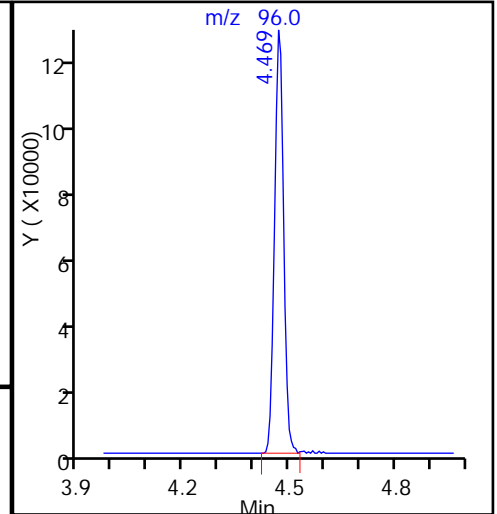
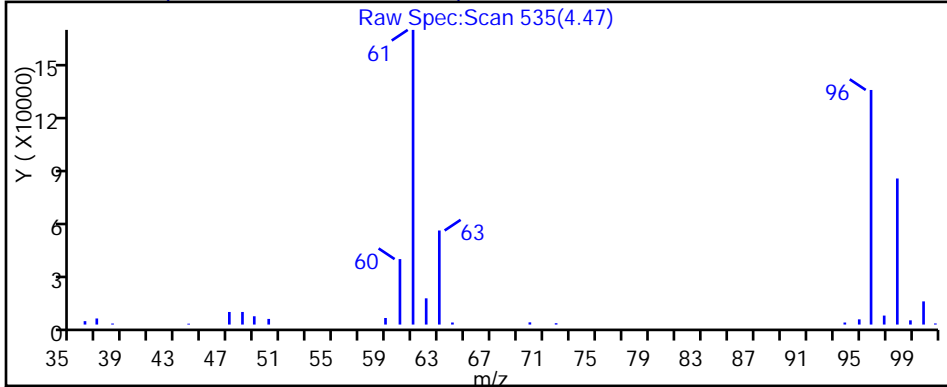
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2589.D

Injection Date: 18-Jan-2017 14:04:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: nea

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

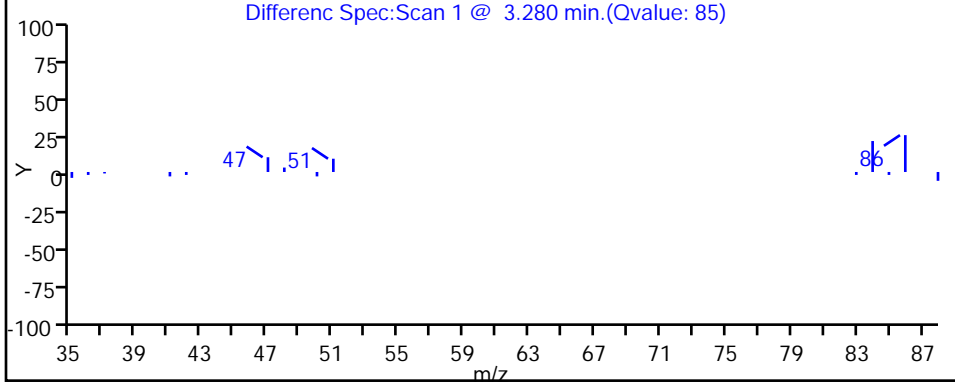
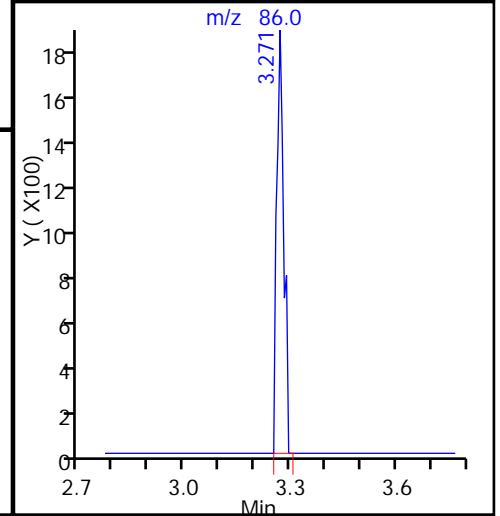
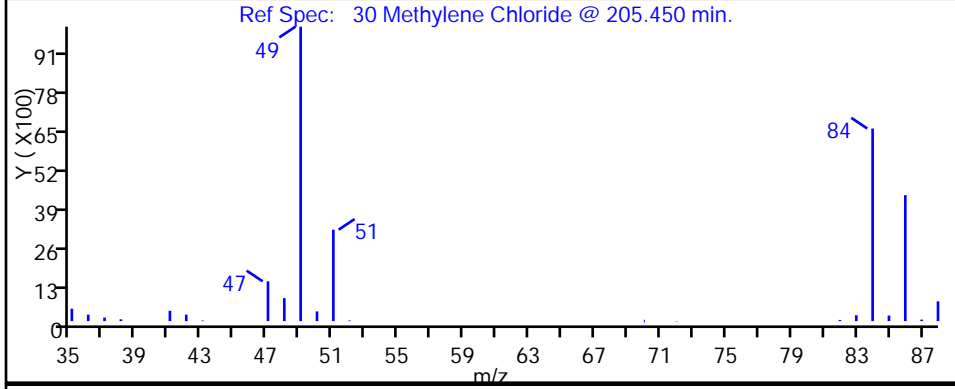
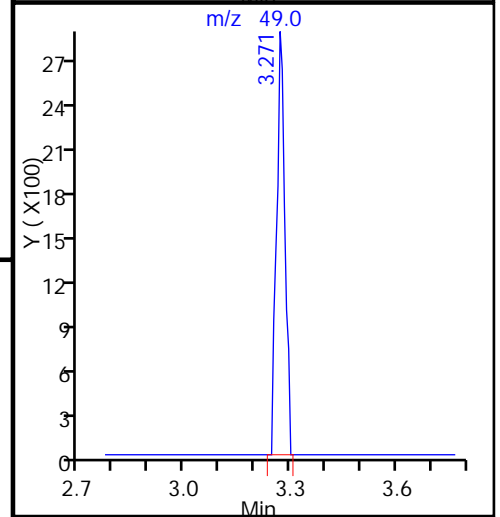
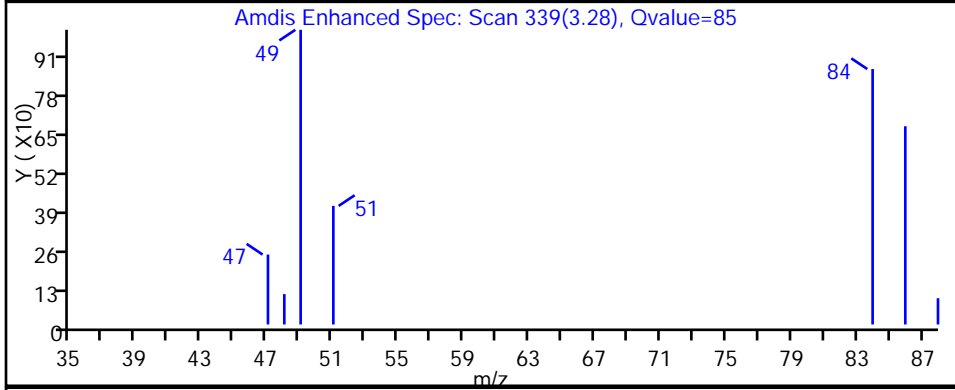
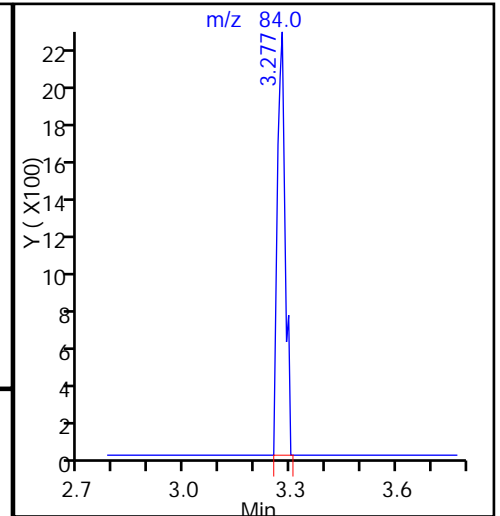
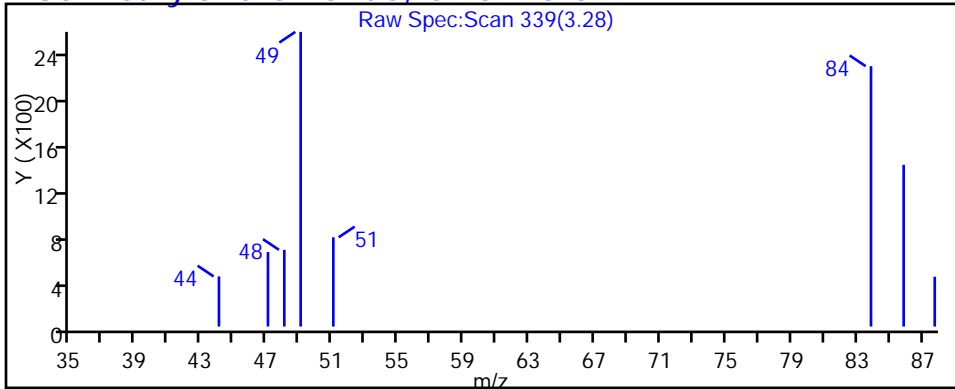
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2589.D

Injection Date: 18-Jan-2017 14:04:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: nea

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

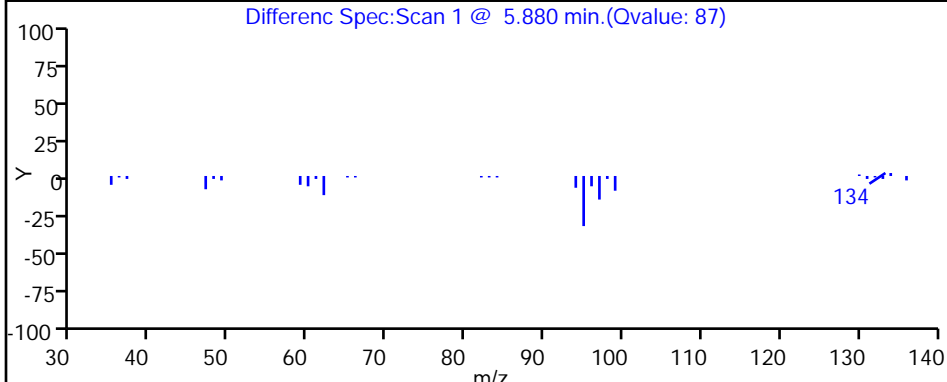
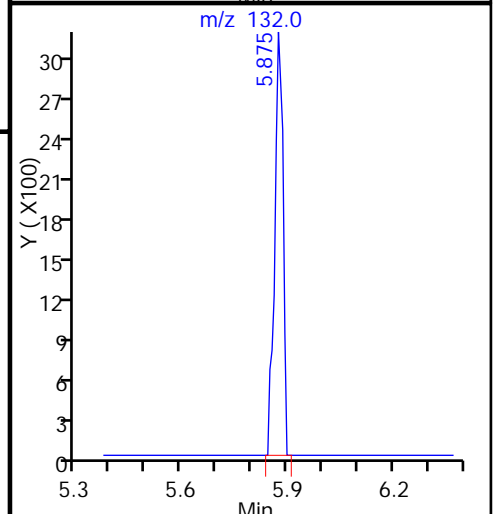
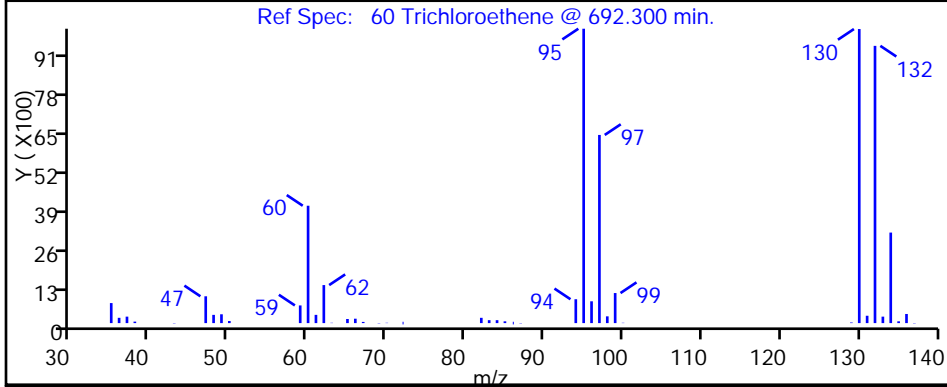
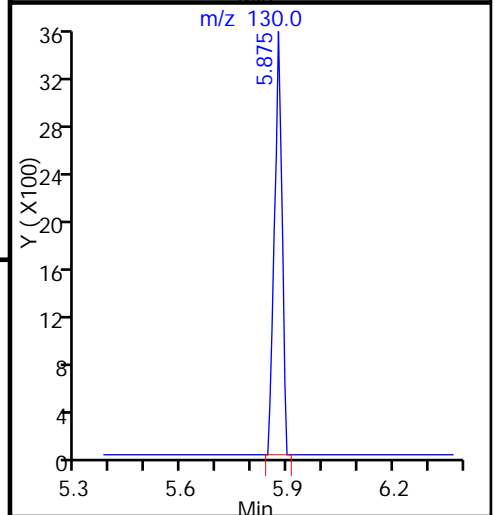
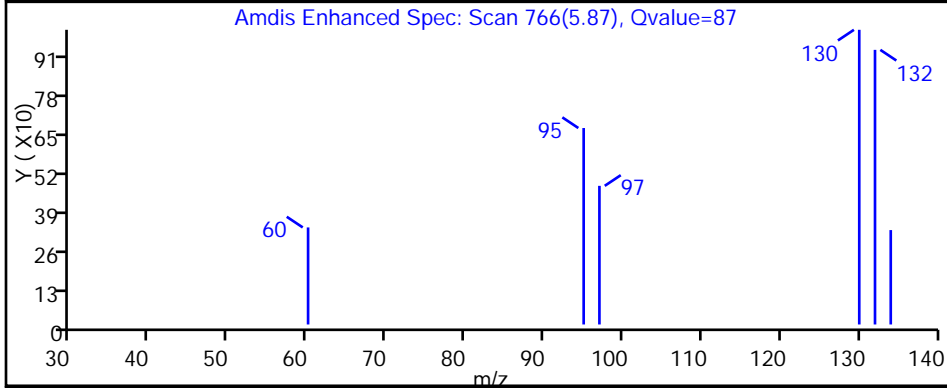
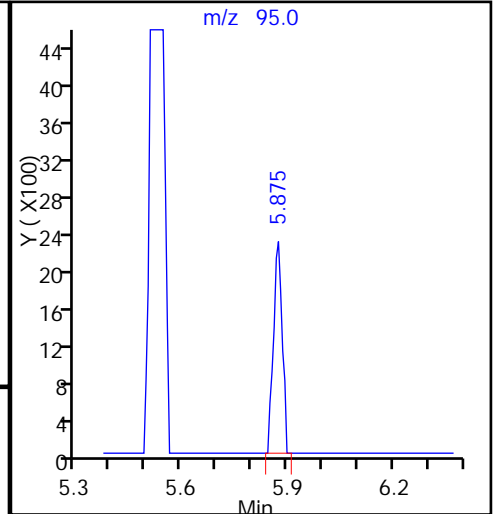
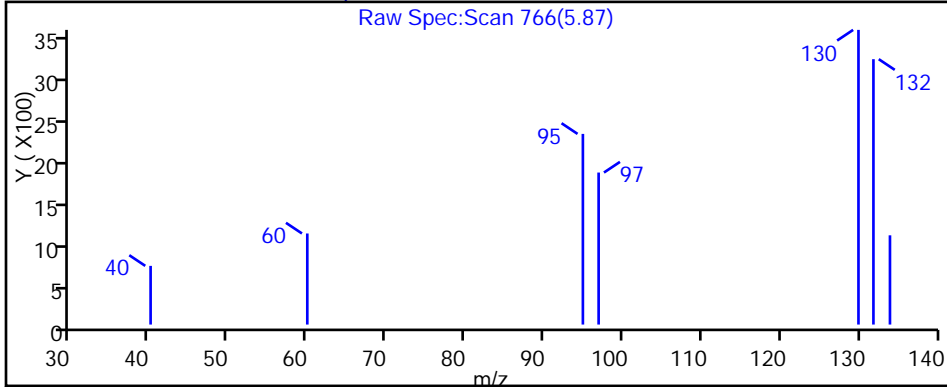
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

60 Trichloroethene, CAS: 79-01-6



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2589.D

Injection Date: 18-Jan-2017 14:04:30

Instrument ID: HP5973N

Lims ID: 480-112334-B-16

Lab Sample ID: 480-112334-16

Client ID: DPT-8

Operator ID: nea

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

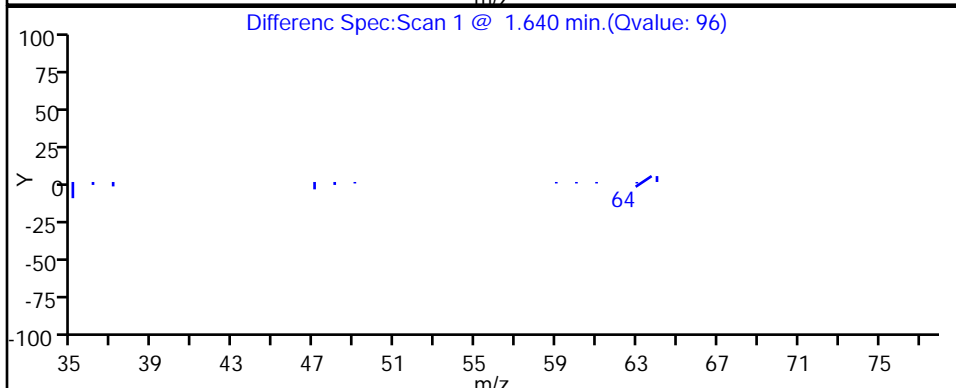
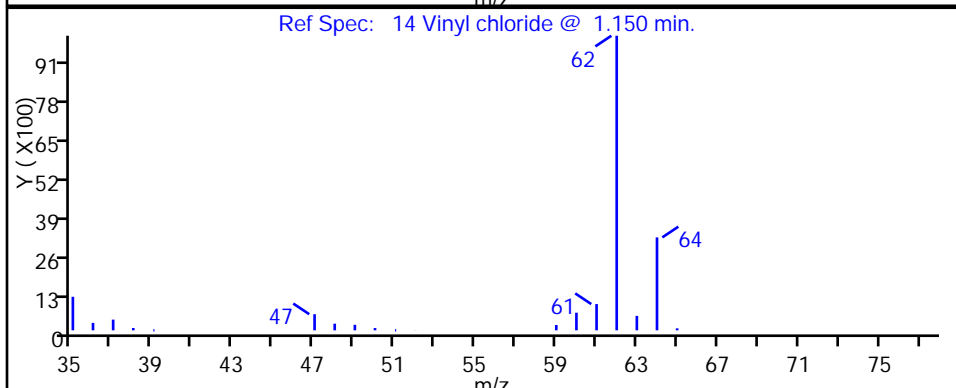
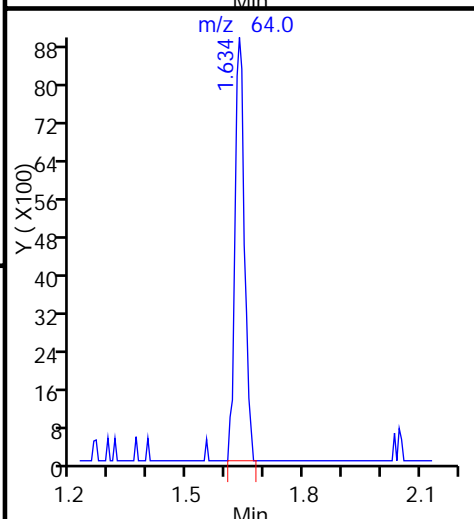
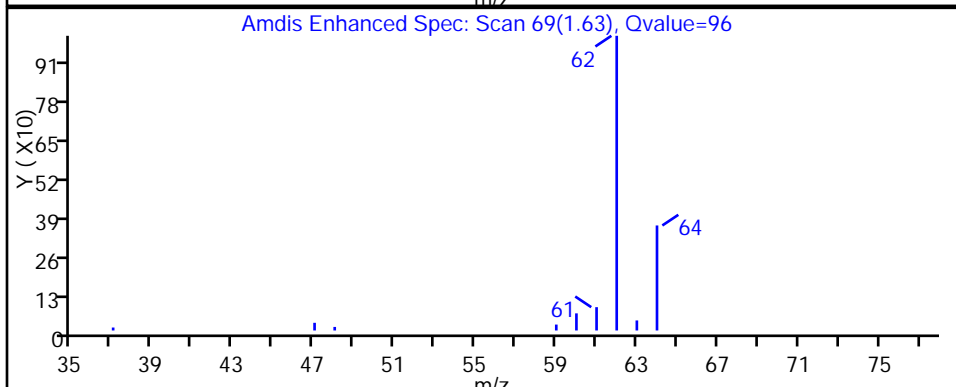
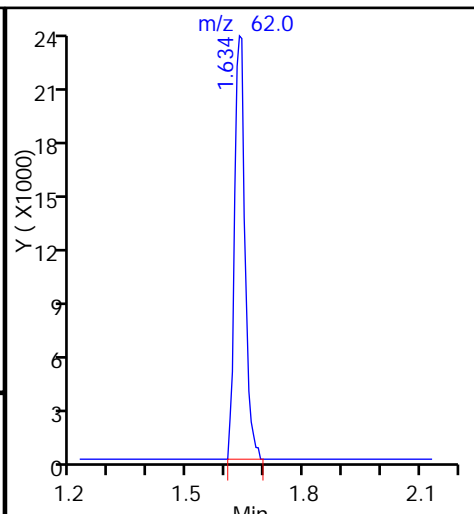
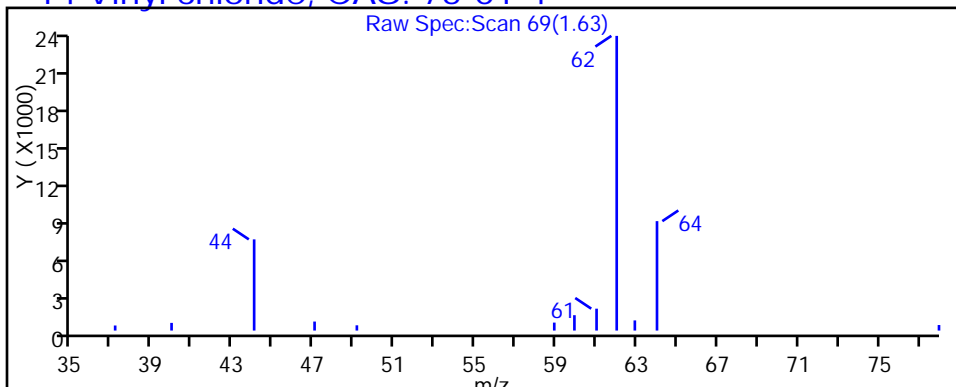
Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

14 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-112525-1
 Matrix: Water Lab File ID: P22190.D
 Analysis Method: 8260C Date Collected: 01/19/2017 08:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 00:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	13		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	0.28	J	1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	7.5		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	3.7		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-112525-1
 Matrix: Water Lab File ID: P22190.D
 Analysis Method: 8260C Date Collected: 01/19/2017 08:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 00:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	38		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22190.D
 Lims ID: 480-112525-A-1
 Client ID: MW-3
 Sample Type: Client
 Inject. Date: 25-Jan-2017 00:10:30 ALS Bottle#: 34 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112525-a-1
 Misc. Info.: 480-0059986-008
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 09:26:09 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: farrellr

Date: 25-Jan-2017 09:26:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	98	258723	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.758	-0.001	88	520873	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.744	16.745	-0.001	98	531853	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	216606	25.3	
\$ 5 Toluene-d8 (Surr)	98	11.799	11.793	0.007	95	1094089	25.3	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	88	308655	24.6	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.291				ND	
17 Vinyl chloride	62	4.510	4.510	0.000	97	519324	37.8	
12 Bromomethane	94		5.070				ND	
13 Chloroethane	64	5.198	5.198	0.000	97	68338	7.47	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.232				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43		6.311				ND	
27 Carbon disulfide	76		6.664				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96	7.230	7.230	0.013	65	6191	0.3836	
40 1,1-Dichloroethane	63	7.747	7.741	0.006	97	370273	12.6	
44 2-Butanone (MEK)	43		8.385				ND	
43 cis-1,2-Dichloroethene	96	8.446	8.440	0.006	83	68718	3.72	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.261				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62	9.548	9.548	0.013	25	7989	0.2751	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.439				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92		11.884				ND	
78 trans-1,3-Dichloropropene	75		12.139				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.861				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.572				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.424				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.267				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	1	1791	0.0673	7
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22190.D

Injection Date: 25-Jan-2017 00:10:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: 480-112525-A-1

Lab Sample ID: 480-112525-1

Worklist Smp#: 8

Client ID: MW-3

Purge Vol: 5.000 mL

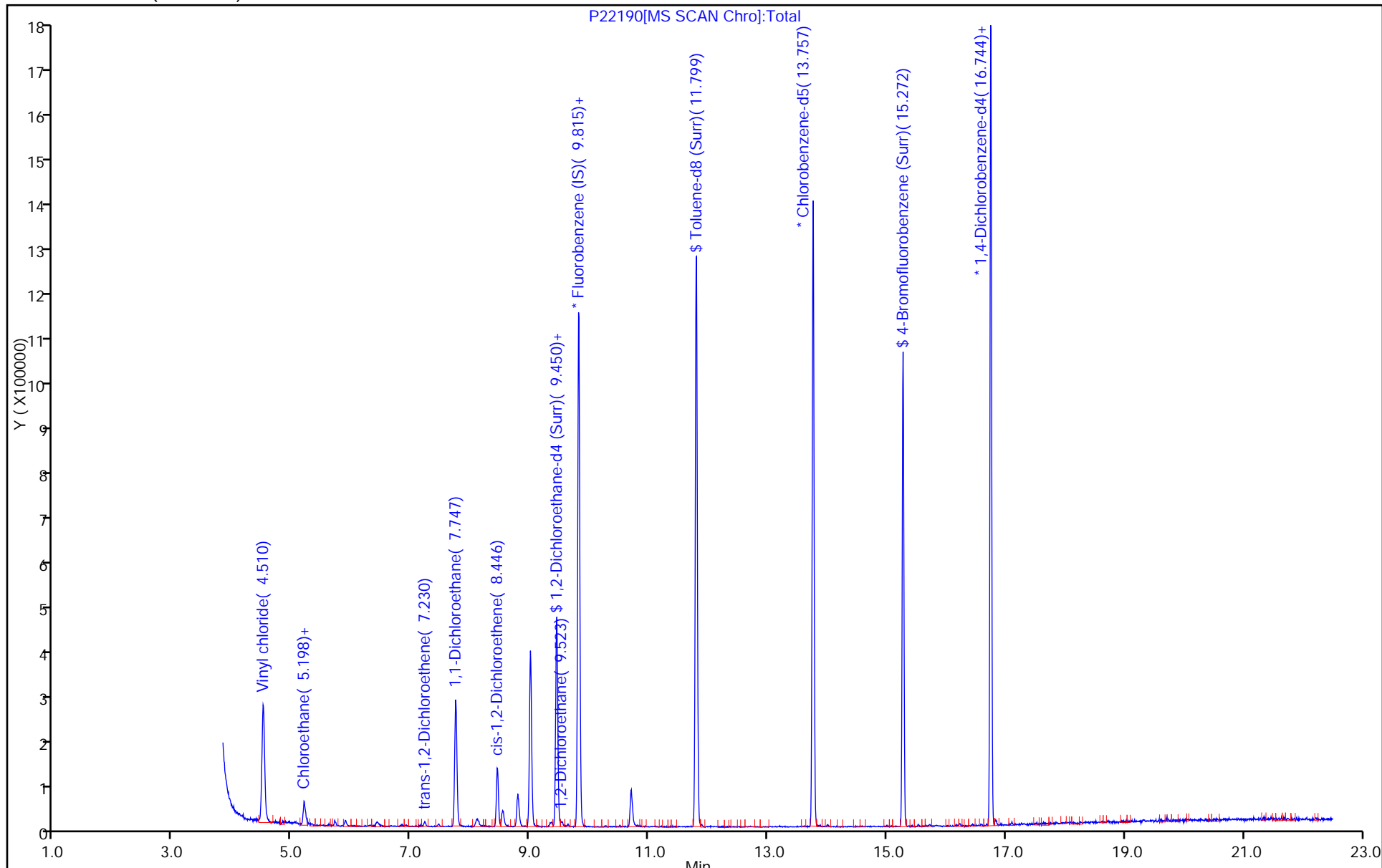
Dil. Factor: 1.0000

ALS Bottle#: 34

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22190.D

Injection Date: 25-Jan-2017 00:10:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-1

Lab Sample ID: 480-112525-1

Client ID: MW-3

Operator ID: SO

ALS Bottle#: 34

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

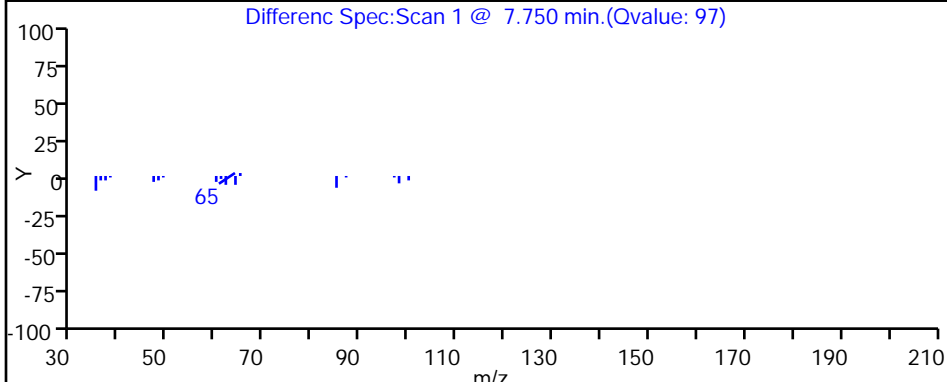
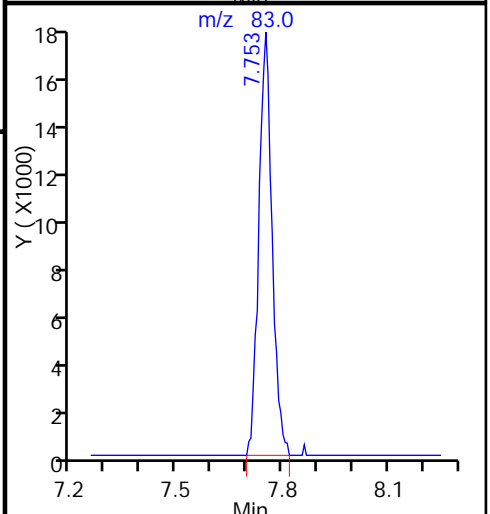
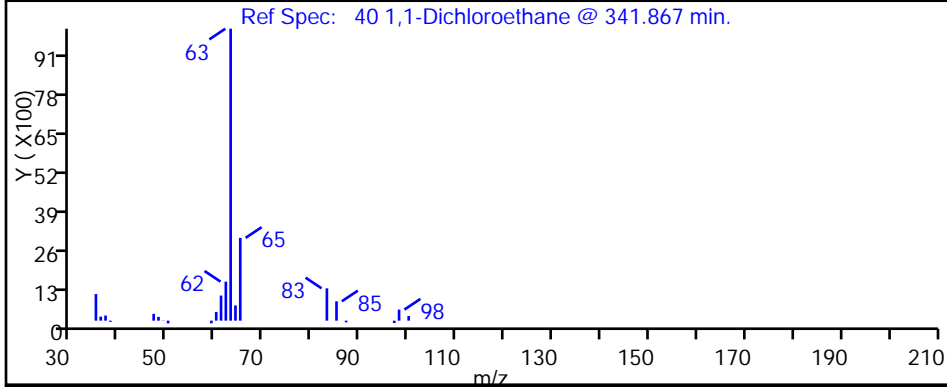
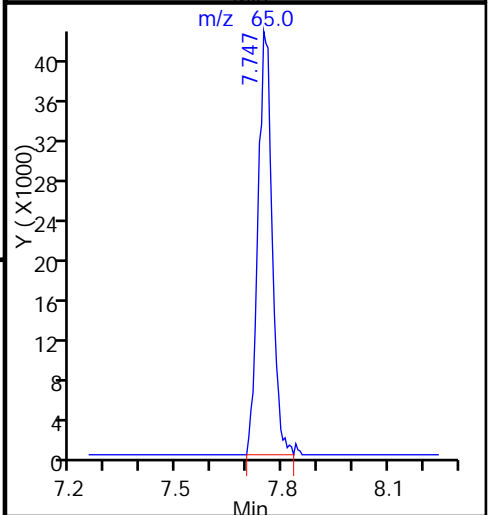
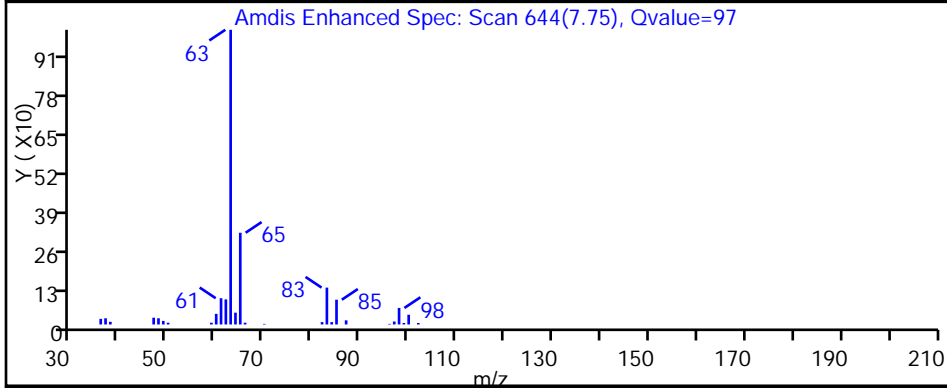
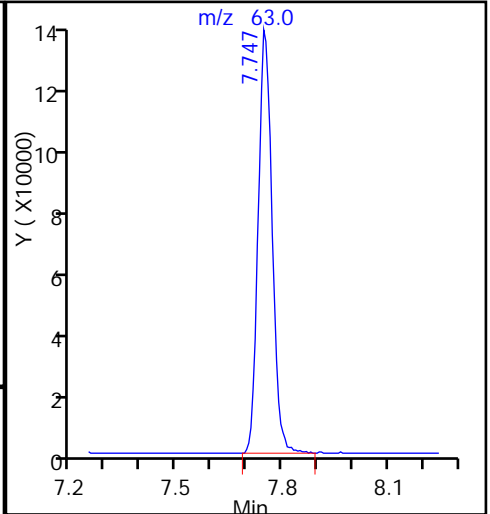
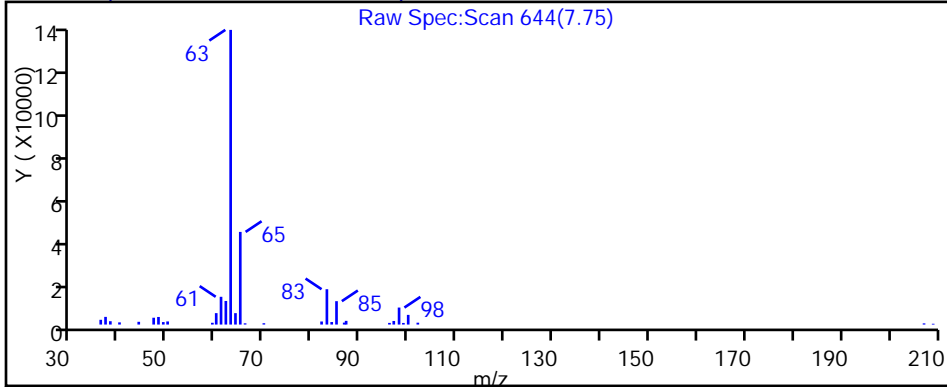
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

40 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22190.D

Injection Date: 25-Jan-2017 00:10:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-1

Lab Sample ID: 480-112525-1

Client ID: MW-3

Operator ID: SO

ALS Bottle#: 34

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

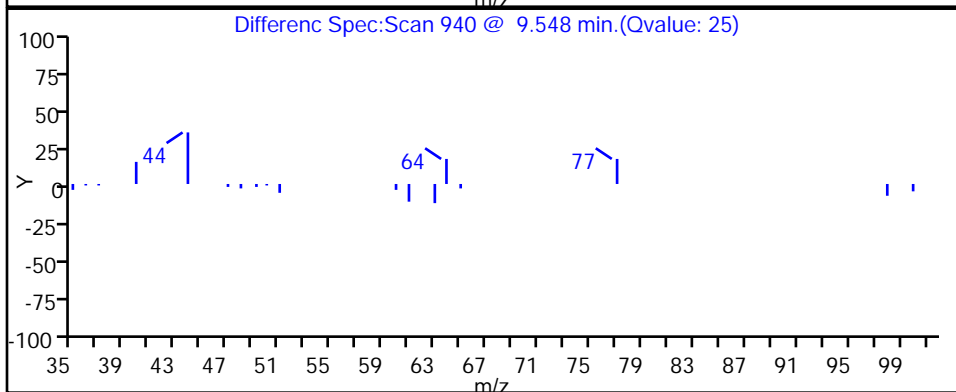
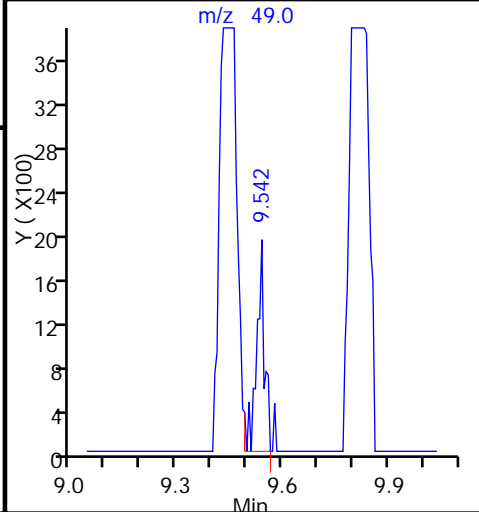
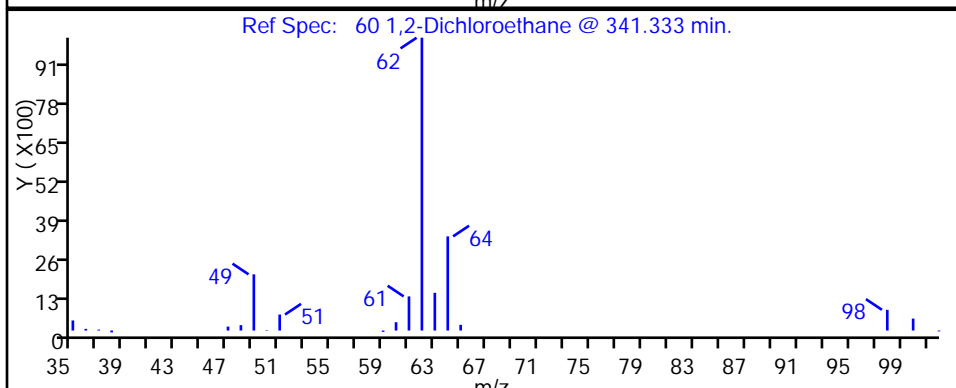
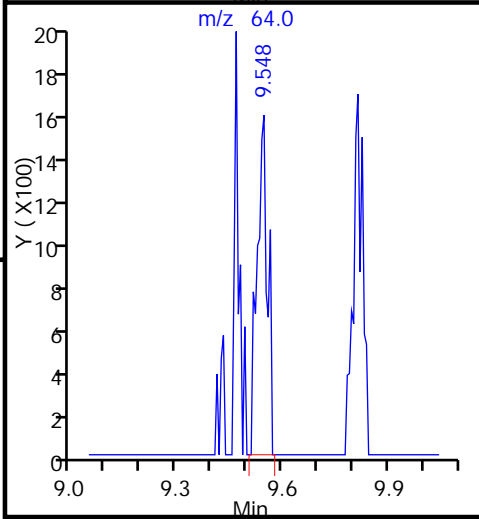
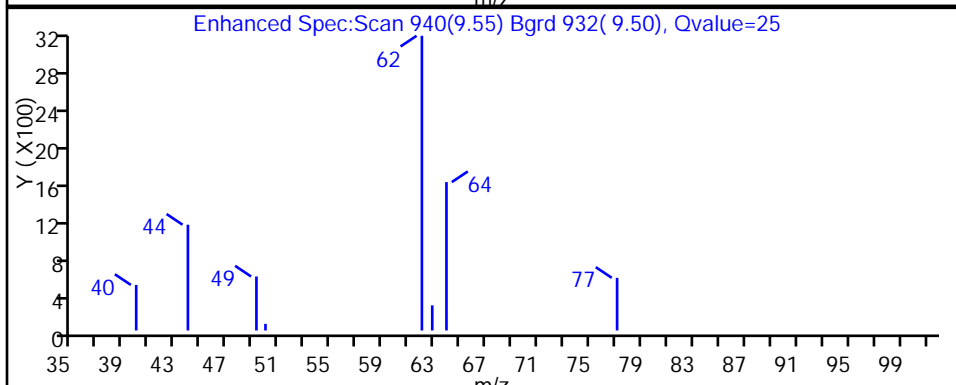
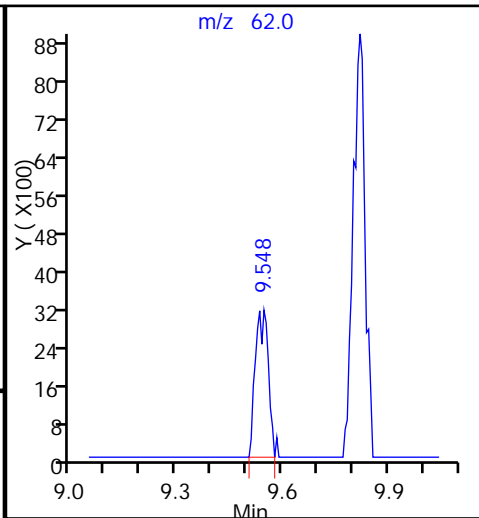
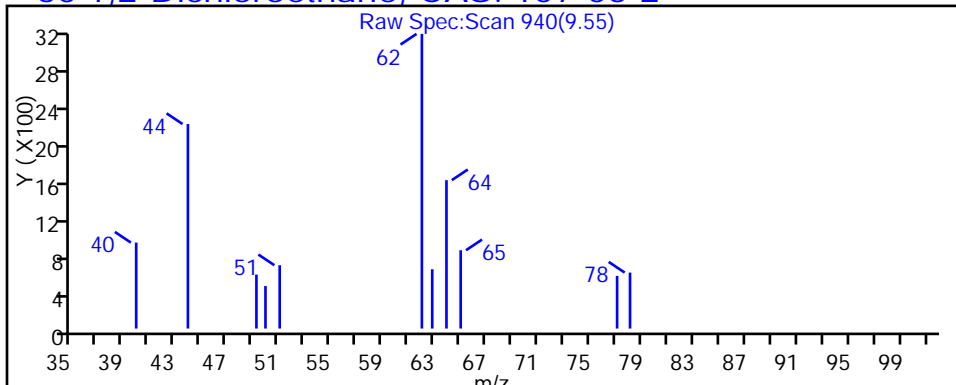
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

60 1,2-Dichloroethane, CAS: 107-06-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22190.D

Injection Date: 25-Jan-2017 00:10:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-1

Lab Sample ID: 480-112525-1

Client ID: MW-3

Operator ID: SO

ALS Bottle#: 34

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

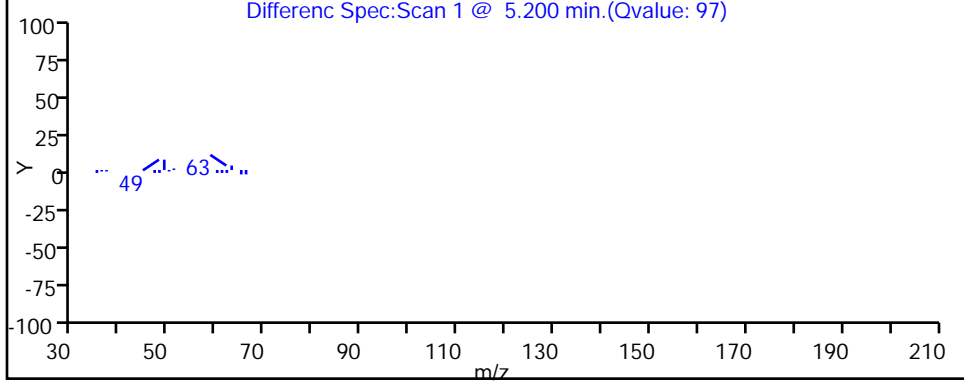
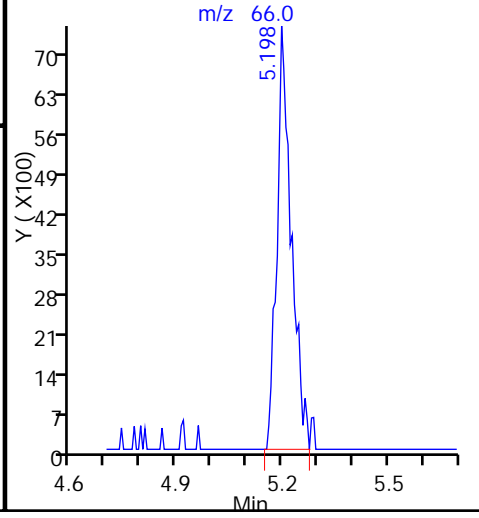
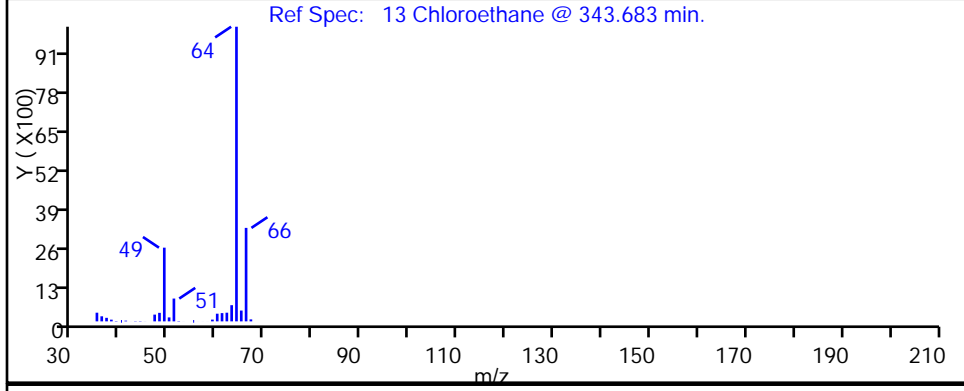
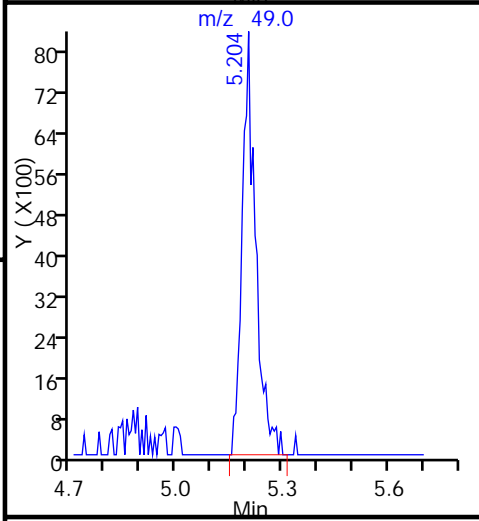
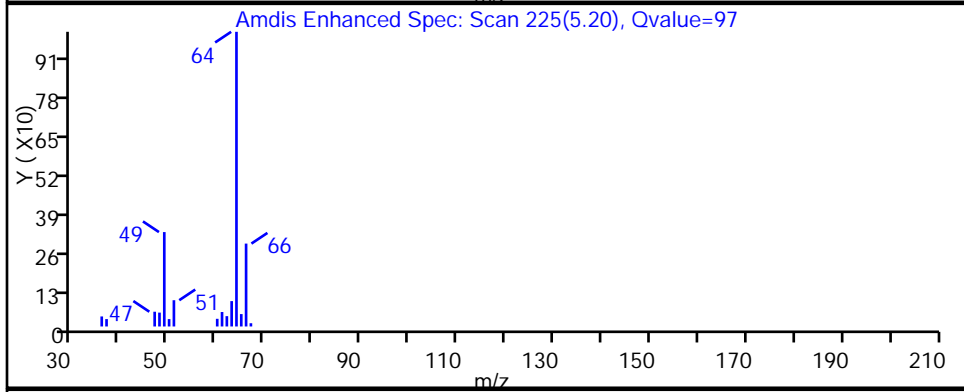
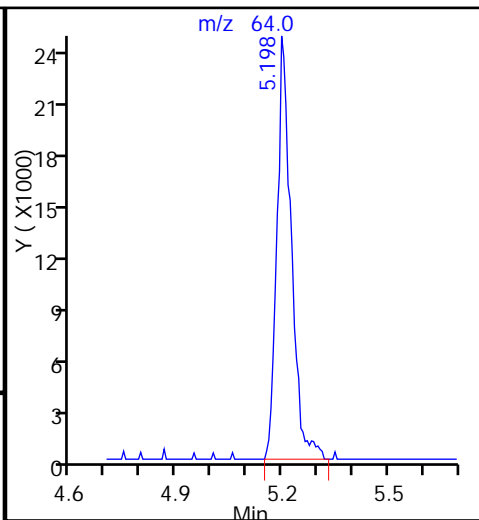
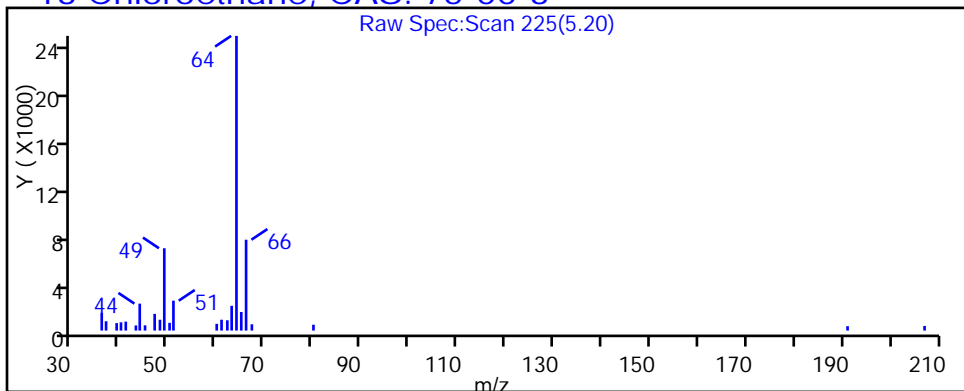
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22190.D

Injection Date: 25-Jan-2017 00:10:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-1

Lab Sample ID: 480-112525-1

Client ID: MW-3

Operator ID: SO

ALS Bottle#: 34

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

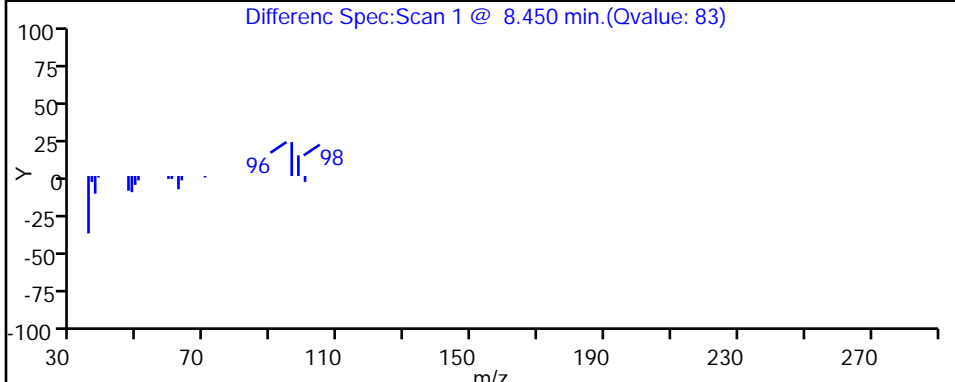
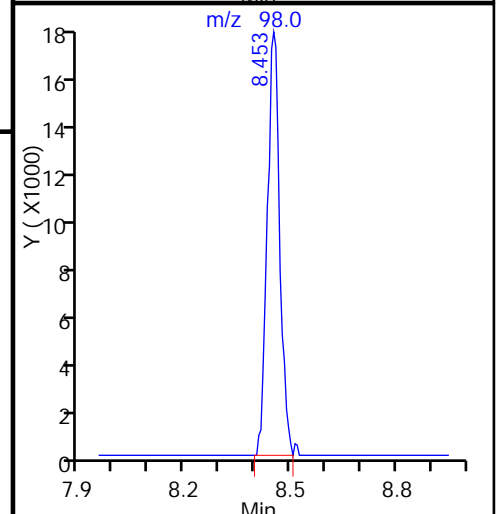
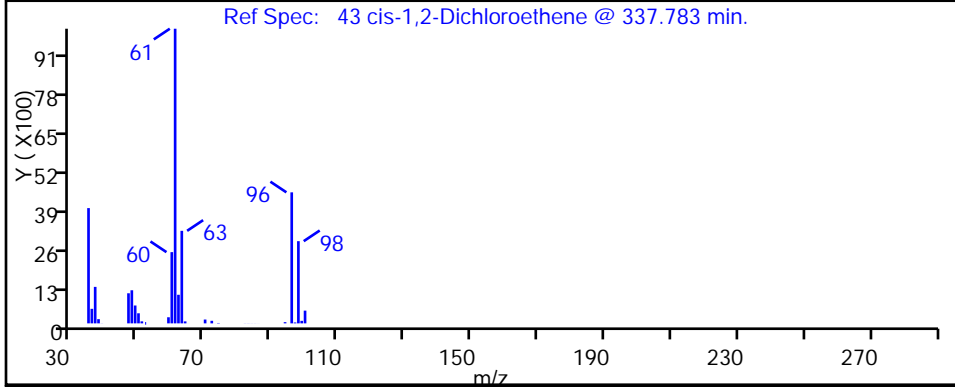
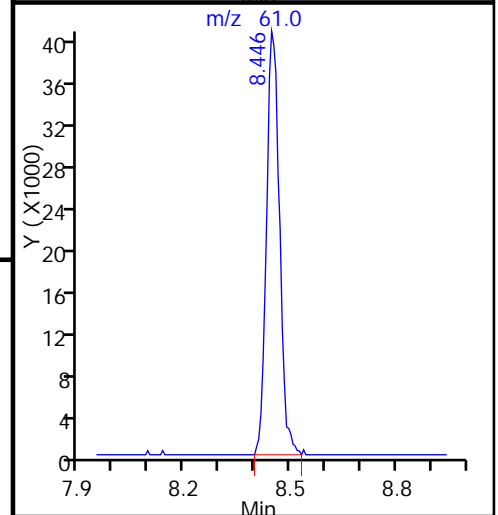
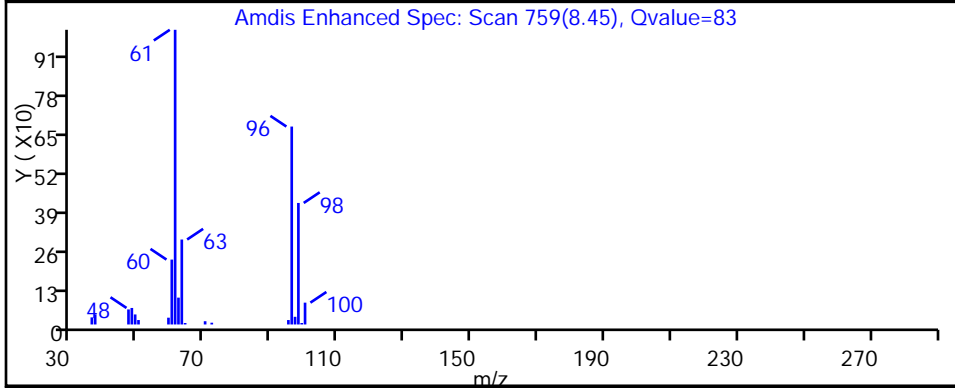
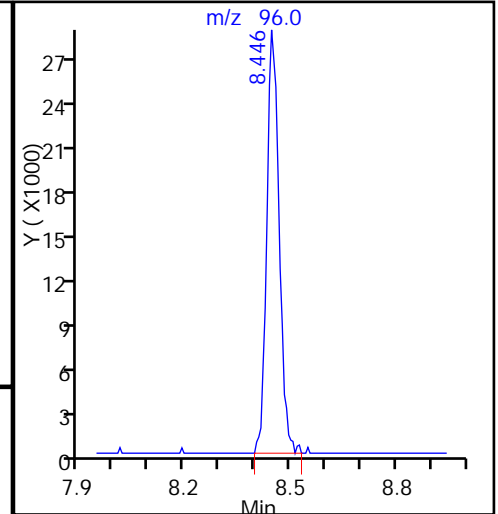
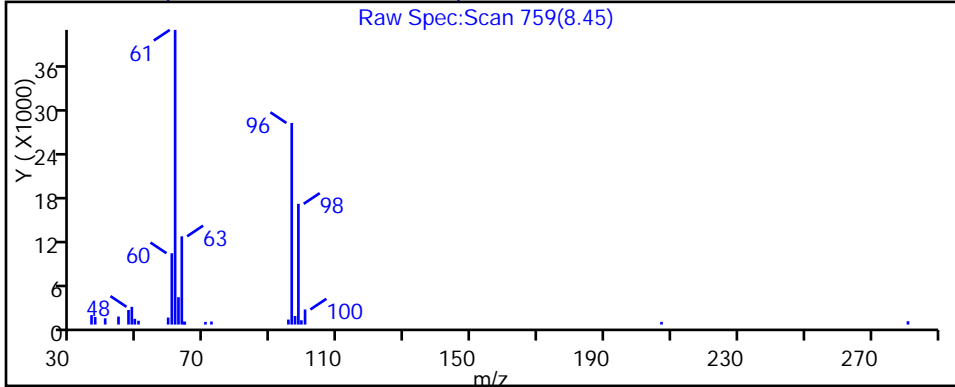
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22190.D

Injection Date: 25-Jan-2017 00:10:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-1

Lab Sample ID: 480-112525-1

Client ID: MW-3

Operator ID: SO

ALS Bottle#: 34

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

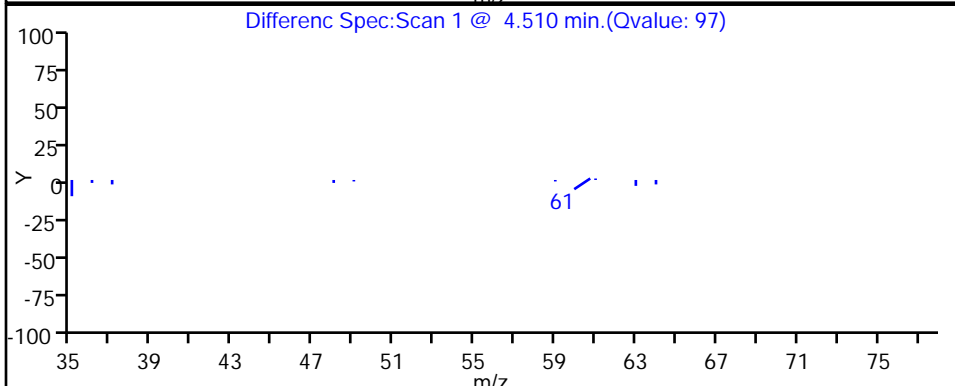
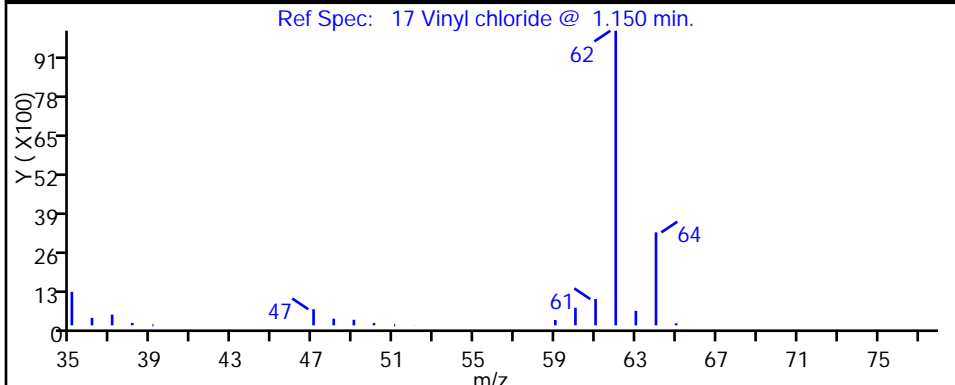
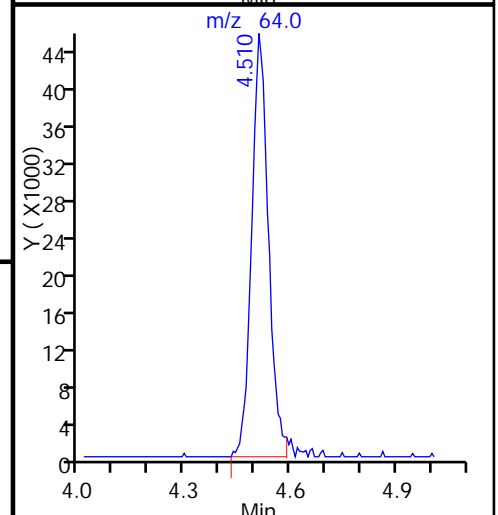
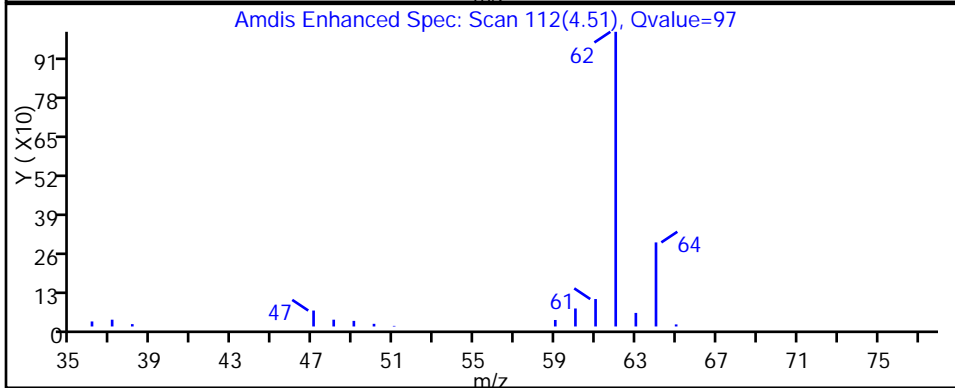
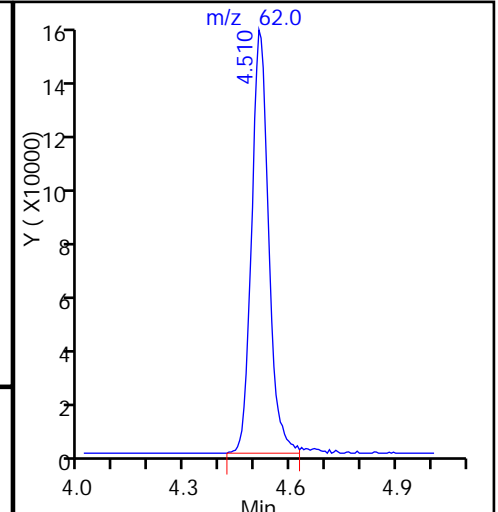
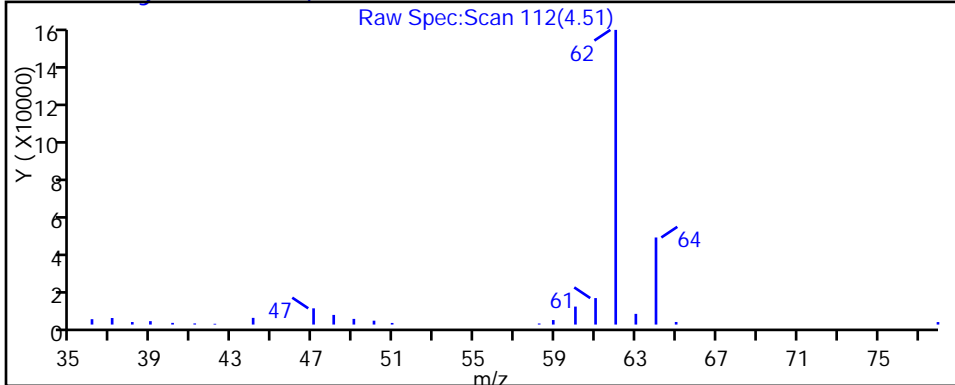
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-4 Lab Sample ID: 480-112525-2
 Matrix: Water Lab File ID: P22191.D
 Analysis Method: 8260C Date Collected: 01/19/2017 10:20
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 00:37
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		20	16
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	4.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2
79-00-5	1,1,2-Trichloroethane	ND		20	4.6
75-34-3	1,1-Dichloroethane	120		20	7.6
75-35-4	1,1-Dichloroethene	ND		20	5.8
120-82-1	1,2,4-Trichlorobenzene	ND		20	8.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		20	7.8
106-93-4	1,2-Dibromoethane	ND		20	15
95-50-1	1,2-Dichlorobenzene	ND		20	16
107-06-2	1,2-Dichloroethane	ND		20	4.2
78-87-5	1,2-Dichloropropane	ND		20	14
541-73-1	1,3-Dichlorobenzene	ND		20	16
106-46-7	1,4-Dichlorobenzene	ND		20	17
78-93-3	2-Butanone (MEK)	140	J	200	26
591-78-6	2-Hexanone	ND		100	25
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		100	42
67-64-1	Acetone	ND		200	60
71-43-2	Benzene	ND		20	8.2
75-27-4	Bromodichloromethane	ND		20	7.8
75-25-2	Bromoform	ND		20	5.2
74-83-9	Bromomethane	ND		20	14
75-15-0	Carbon disulfide	ND		20	3.8
56-23-5	Carbon tetrachloride	ND		20	5.4
108-90-7	Chlorobenzene	ND		20	15
75-00-3	Chloroethane	1000		20	6.4
67-66-3	Chloroform	ND		20	6.8
74-87-3	Chloromethane	ND		20	7.0
156-59-2	cis-1,2-Dichloroethene	ND		20	16
10061-01-5	cis-1,3-Dichloropropene	ND		20	7.2
110-82-7	Cyclohexane	ND		20	3.6
124-48-1	Dibromochloromethane	ND		20	6.4
75-71-8	Dichlorodifluoromethane	ND		20	14
100-41-4	Ethylbenzene	ND		20	15
98-82-8	Isopropylbenzene	ND		20	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-4 Lab Sample ID: 480-112525-2
 Matrix: Water Lab File ID: P22191.D
 Analysis Method: 8260C Date Collected: 01/19/2017 10:20
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 00:37
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		50	26
1634-04-4	Methyl tert-butyl ether	ND		20	3.2
108-87-2	Methylcyclohexane	ND		20	3.2
75-09-2	Methylene Chloride	ND		20	8.8
100-42-5	Styrene	ND		20	15
127-18-4	Tetrachloroethene	ND		20	7.2
108-88-3	Toluene	18	J	20	10
156-60-5	trans-1,2-Dichloroethene	23		20	18
10061-02-6	trans-1,3-Dichloropropene	ND		20	7.4
79-01-6	Trichloroethene	ND		20	9.2
75-69-4	Trichlorofluoromethane	ND		20	18
75-01-4	Vinyl chloride	58		20	18
1330-20-7	Xylenes, Total	ND		40	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22191.D
 Lims ID: 480-112525-A-2
 Client ID: MW-4
 Sample Type: Client
 Inject. Date: 25-Jan-2017 00:37:30 ALS Bottle#: 35 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 480-112525-a-2
 Misc. Info.: 480-0059986-009
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 09:27:47 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: farrellr

Date: 25-Jan-2017 09:27:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	98	254383	25.0	
* 2 Chlorobenzene-d5	82	13.763	13.758	0.005	86	519630	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.745	0.005	97	532155	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	208703	24.8	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.793	0.000	94	1082597	25.1	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	92	306770	24.5	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.291				ND	
17 Vinyl chloride	62	4.504	4.510	-0.006	97	39305	2.91	
12 Bromomethane	94		5.070				ND	
13 Chloroethane	64	5.210	5.198	0.012	98	451022	50.2	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.232				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43	6.329	6.329	0.018	90	23175	2.48	7
27 Carbon disulfide	76		6.664				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96	7.230	7.217	0.013	92	18028	1.14	
40 1,1-Dichloroethane	63	7.753	7.741	0.012	97	174690	6.03	
44 2-Butanone (MEK)	43	8.404	8.385	0.019	99	100632	7.17	
43 cis-1,2-Dichloroethene	96	8.459	8.440	0.018	71	5854	0.3221	
49 Chloroform	83	8.811	8.811	0.018	1	2023	0.0692	7
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.261				ND	
57 Benzene	78	9.523	9.511	0.012	90	15429	0.2581	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.439				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92	11.890	11.884	0.006	98	35677	0.9121	
78 trans-1,3-Dichloropropene	75		12.139				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91	13.873	13.873	0.012	1	4073	0.0557	7
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.572				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.424				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.267				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22191.D

Injection Date: 25-Jan-2017 00:37:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: 480-112525-A-2

Lab Sample ID: 480-112525-2

Worklist Smp#: 9

Client ID: MW-4

Purge Vol: 5.000 mL

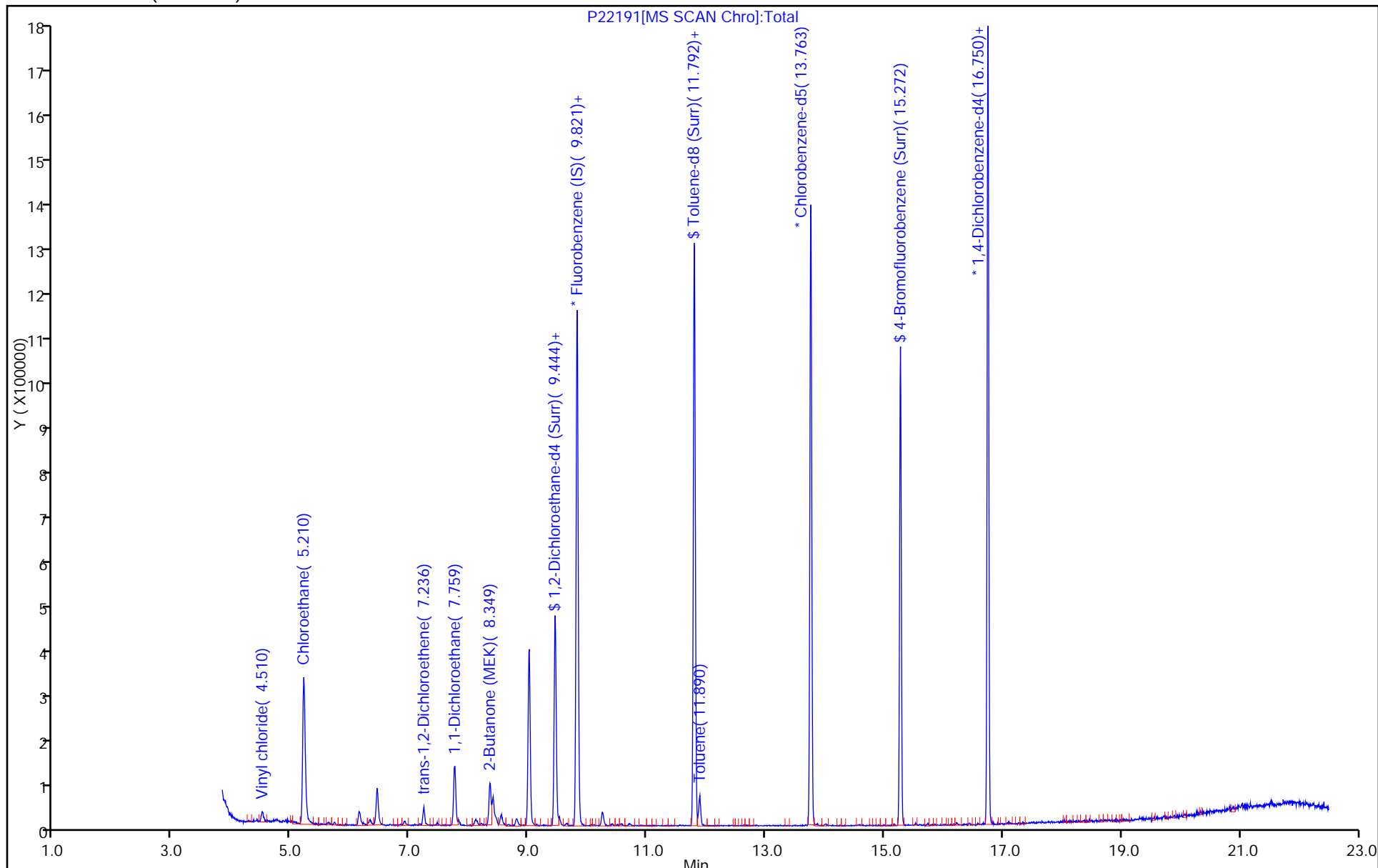
Dil. Factor: 20.0000

ALS Bottle#: 35

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22191.D

Injection Date: 25-Jan-2017 00:37:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-2

Lab Sample ID: 480-112525-2

Client ID: MW-4

Operator ID: SO

ALS Bottle#: 35

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

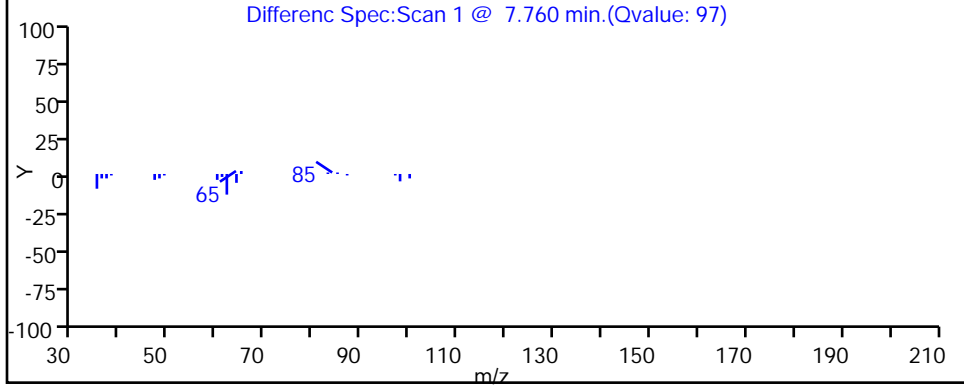
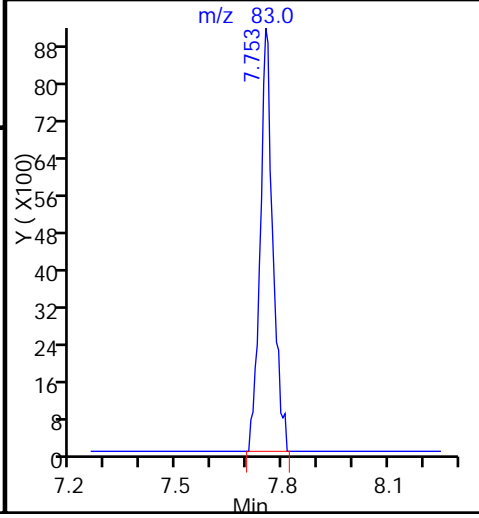
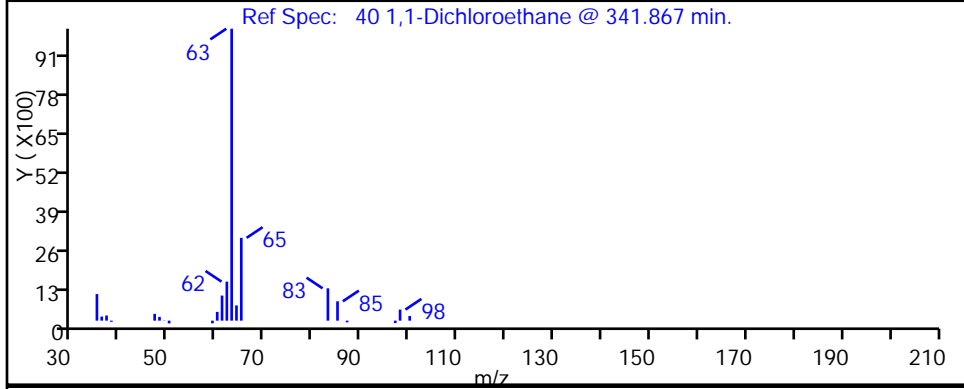
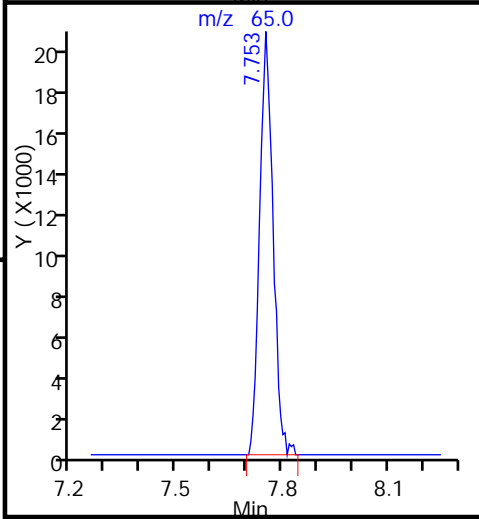
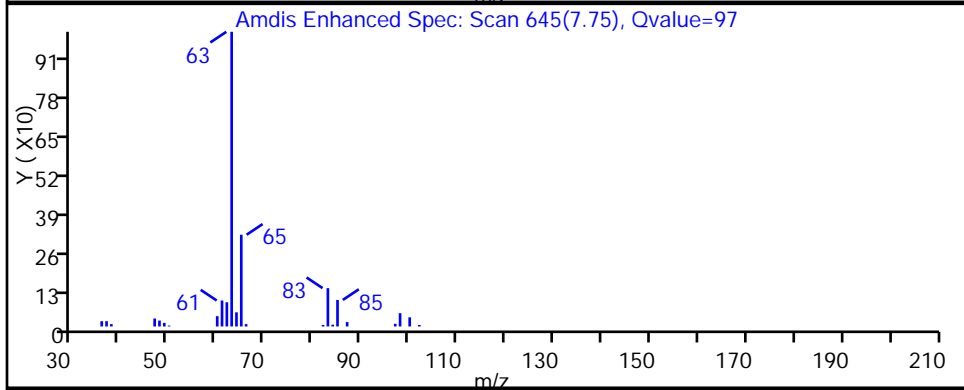
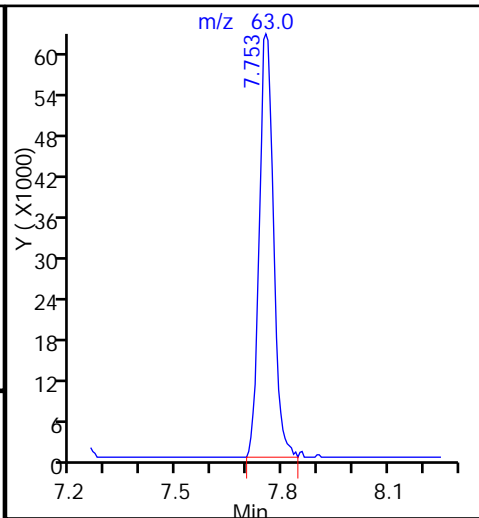
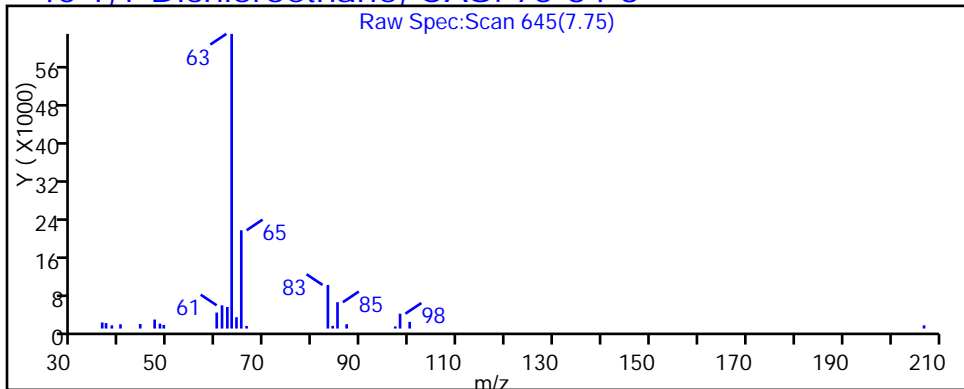
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

40 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22191.D

Injection Date: 25-Jan-2017 00:37:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-2

Lab Sample ID: 480-112525-2

Client ID: MW-4

Operator ID: SO

ALS Bottle#: 35

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

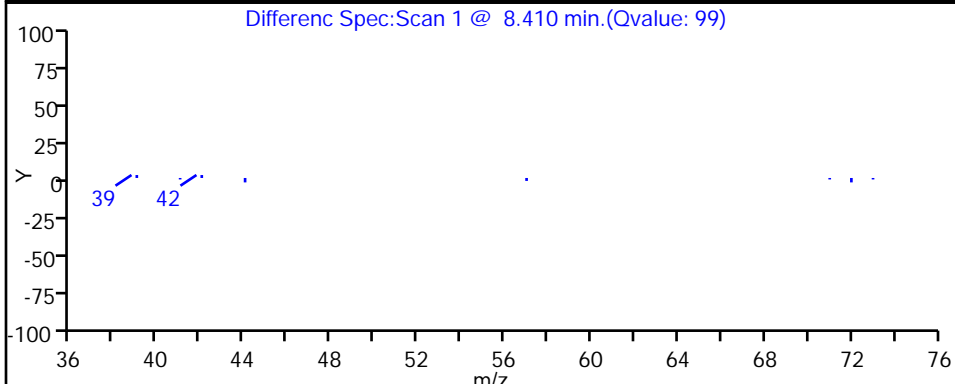
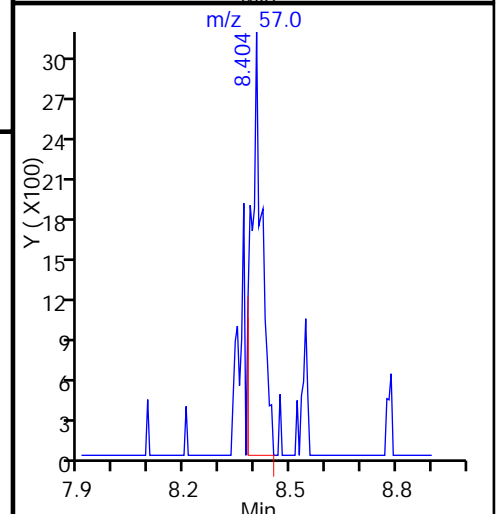
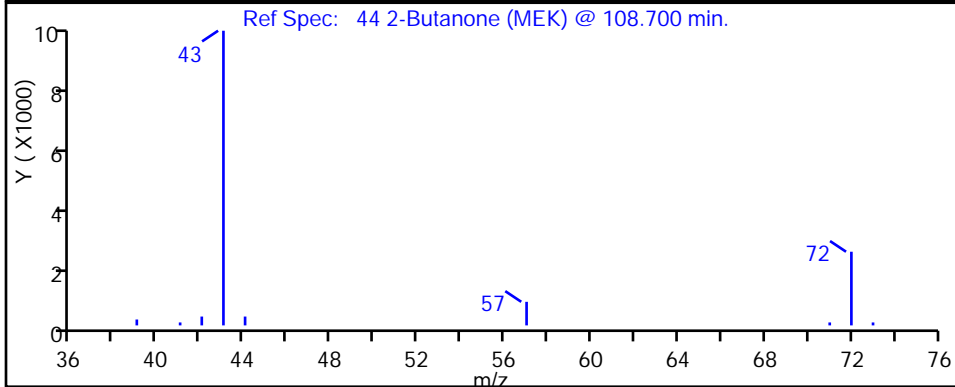
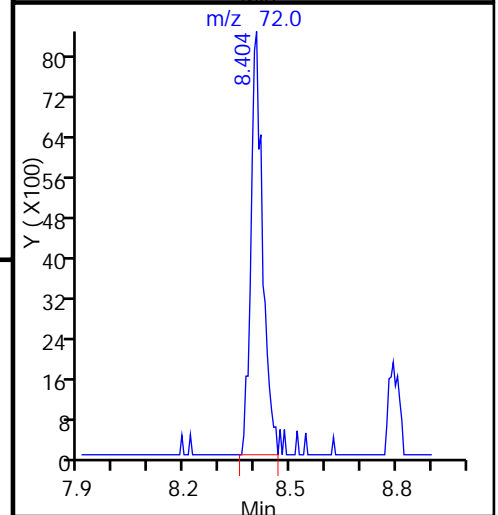
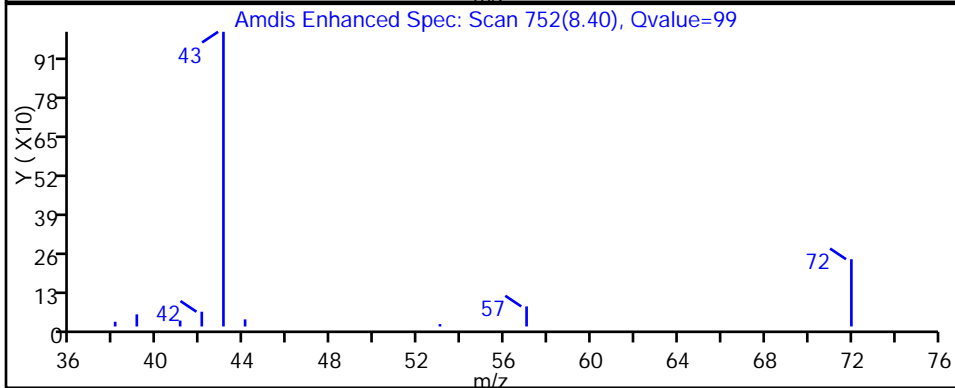
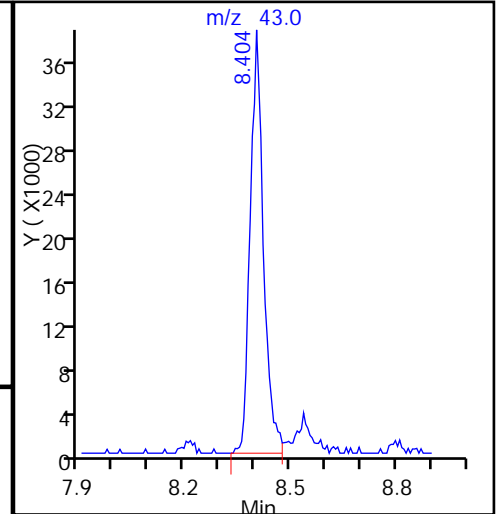
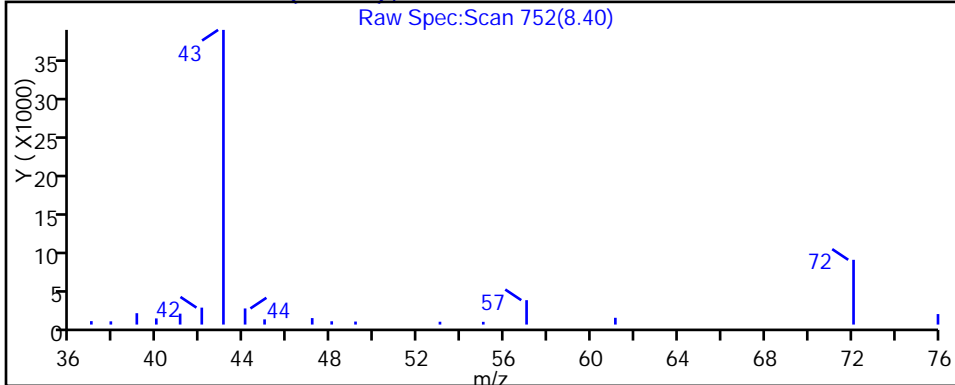
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

44 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22191.D

Injection Date: 25-Jan-2017 00:37:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-2

Lab Sample ID: 480-112525-2

Client ID: MW-4

Operator ID: SO

ALS Bottle#: 35 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

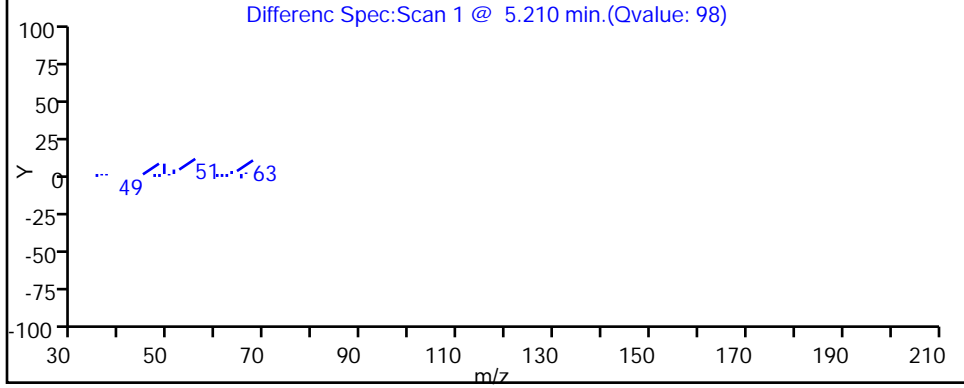
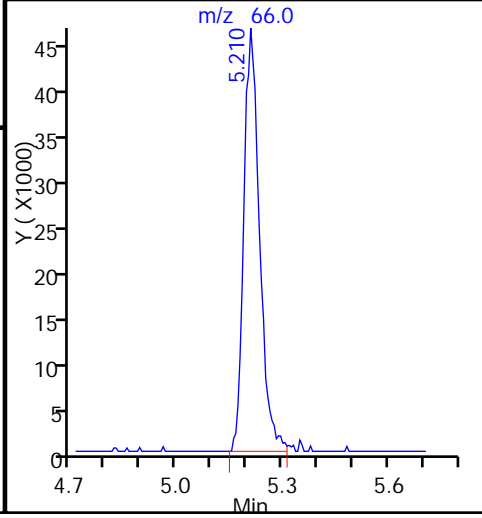
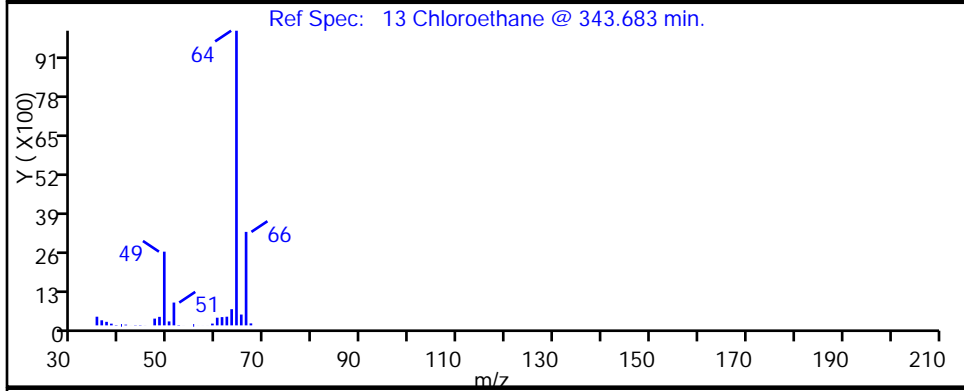
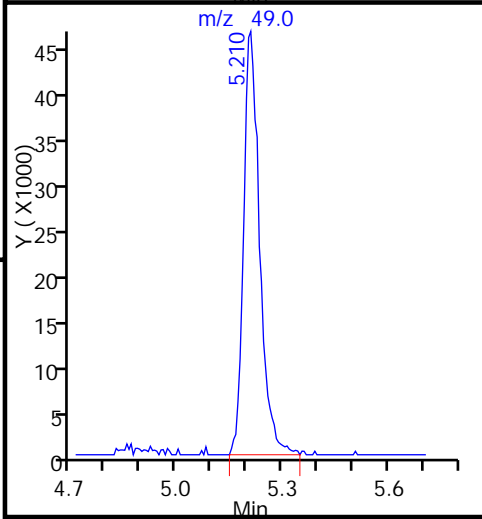
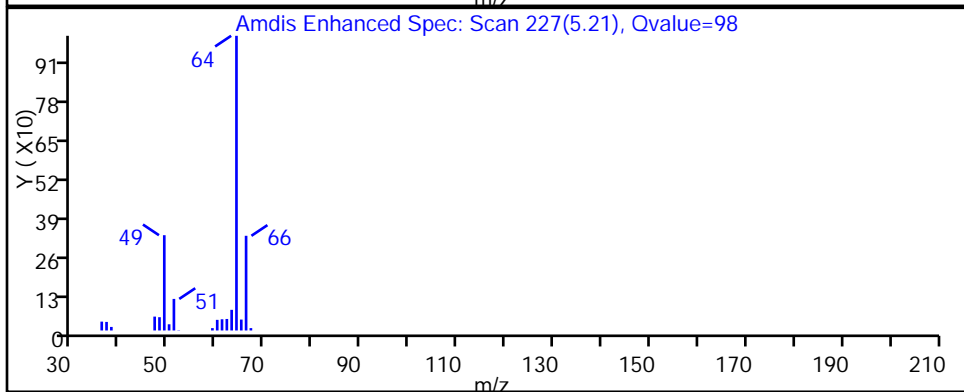
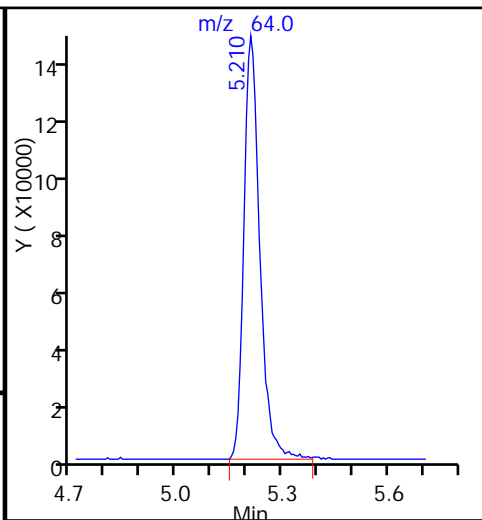
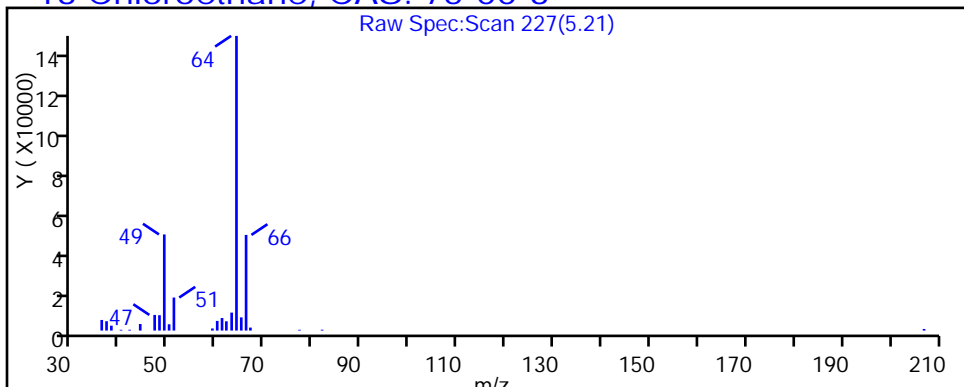
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22191.D

Injection Date: 25-Jan-2017 00:37:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-2

Lab Sample ID: 480-112525-2

Client ID: MW-4

Operator ID: SO

ALS Bottle#: 35

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

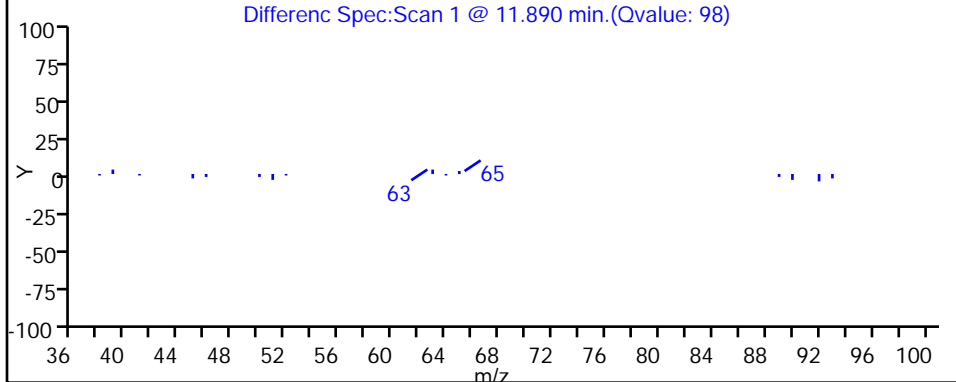
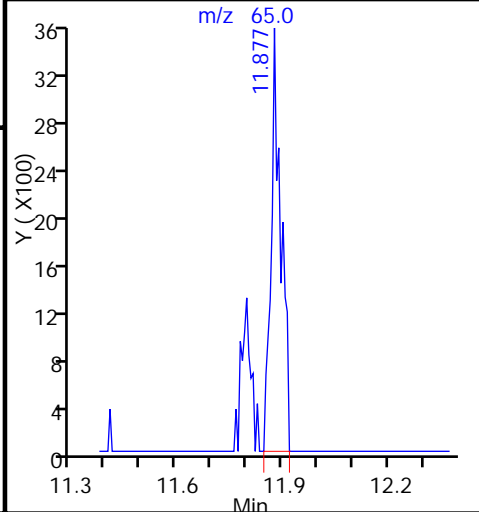
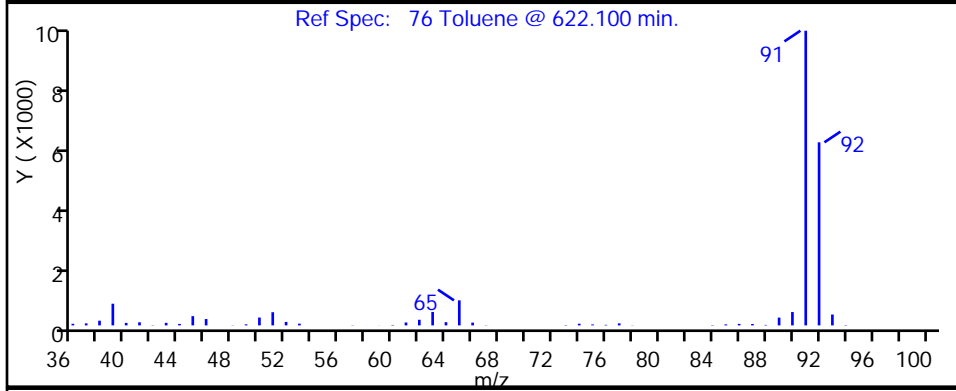
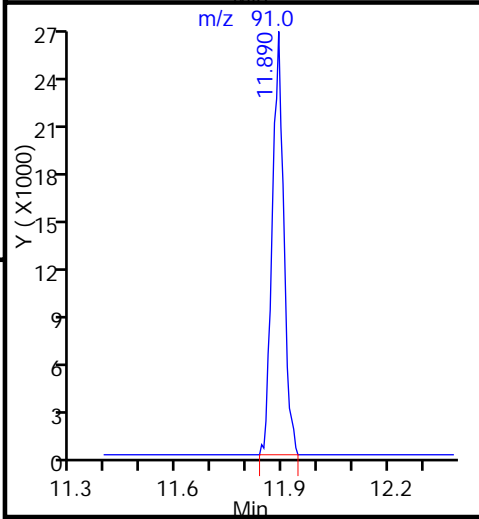
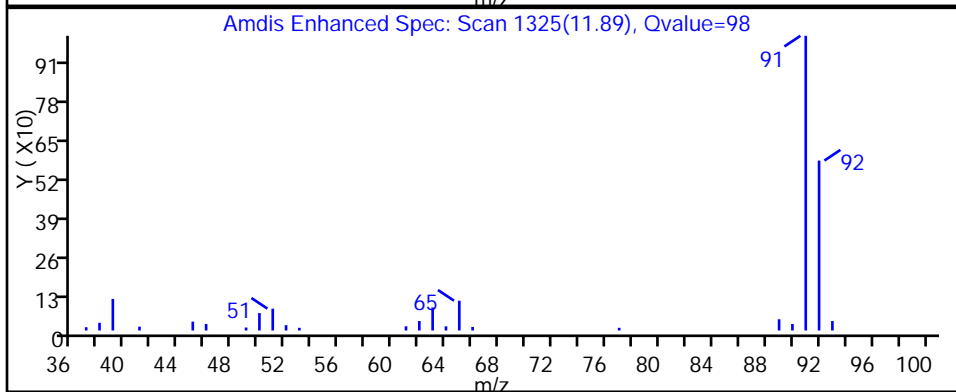
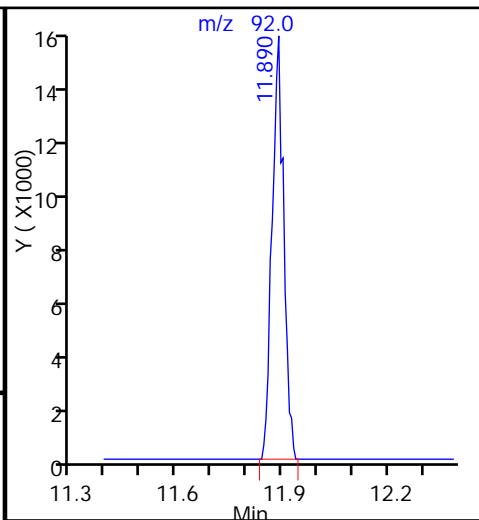
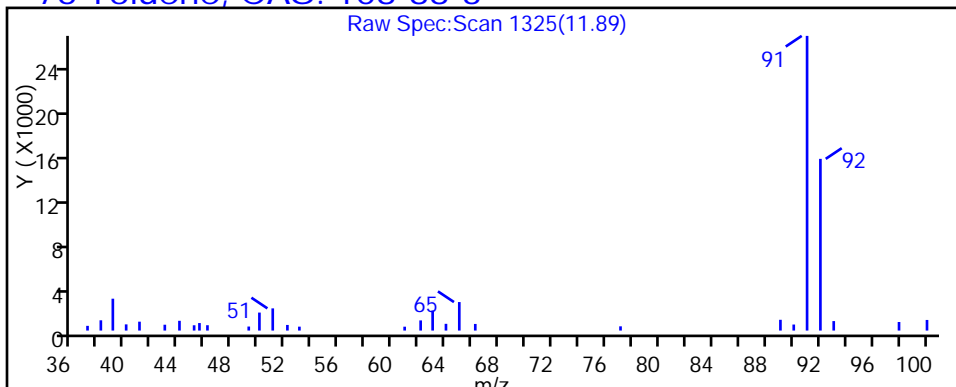
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

76 Toluene, CAS: 108-88-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22191.D

Injection Date: 25-Jan-2017 00:37:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-2

Lab Sample ID: 480-112525-2

Client ID: MW-4

Operator ID: SO

ALS Bottle#: 35

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

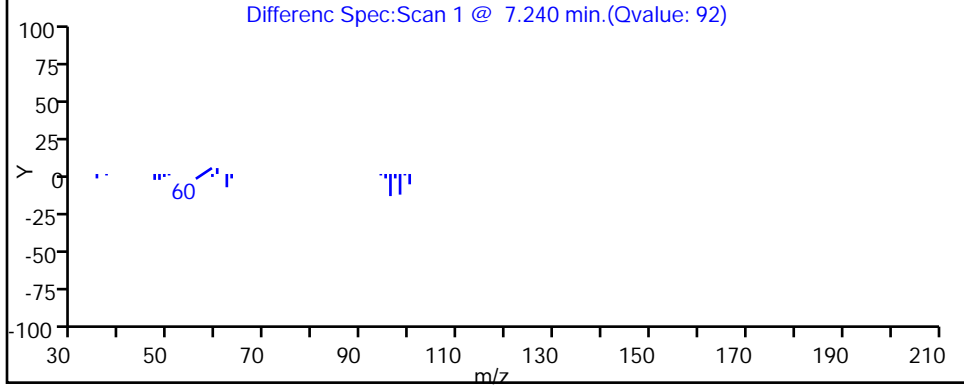
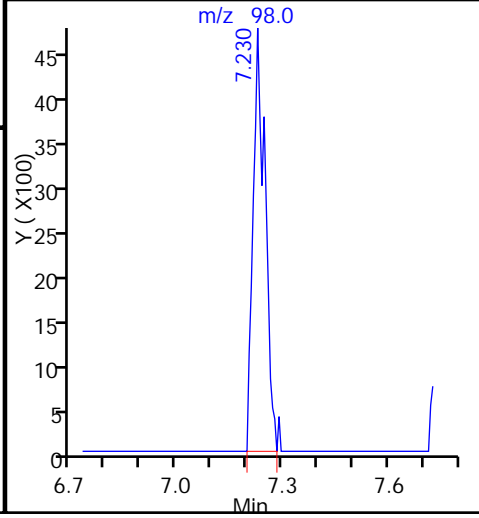
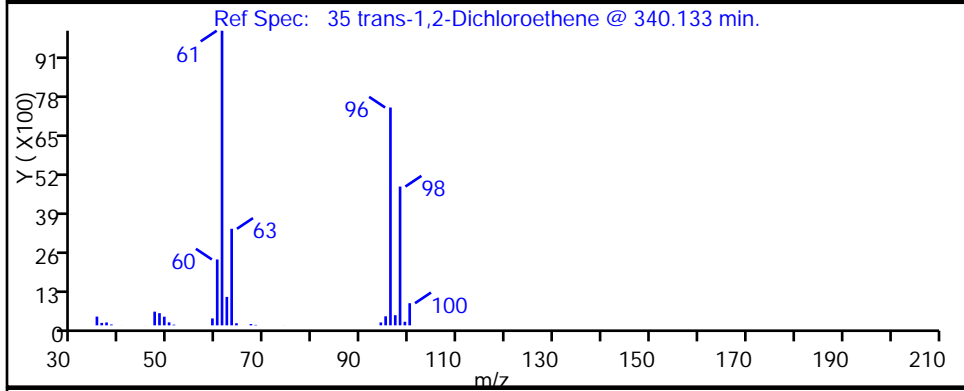
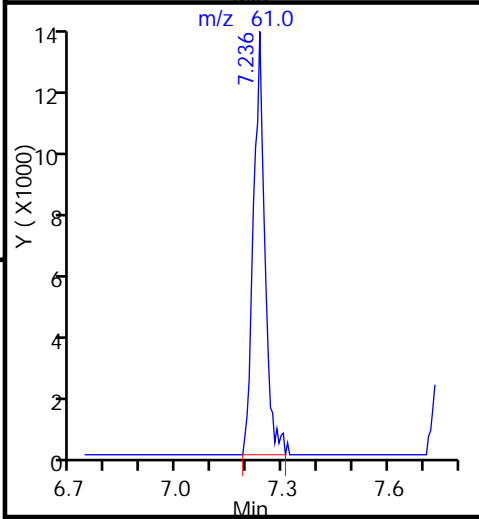
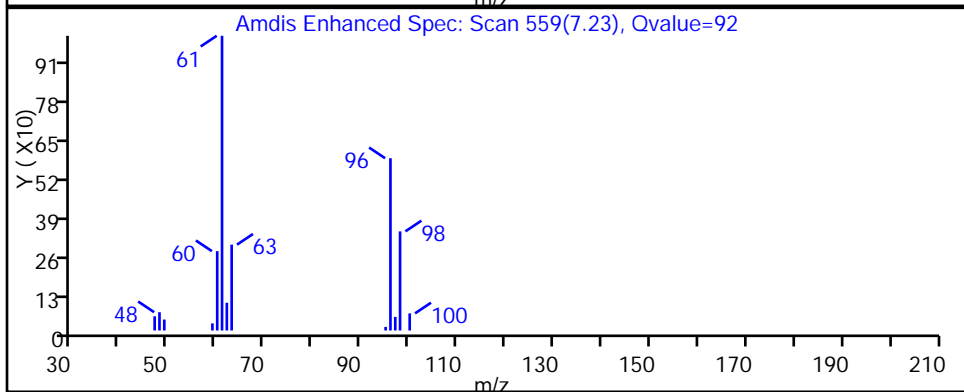
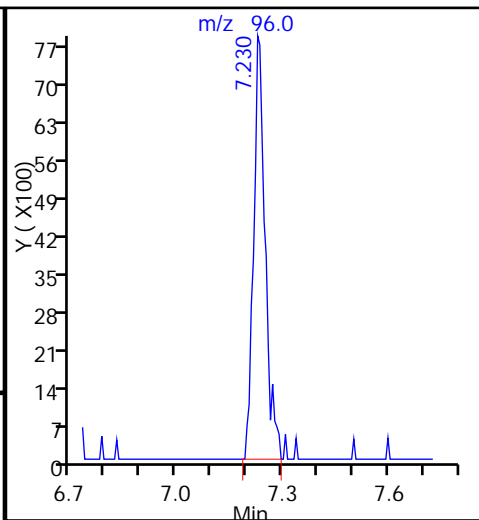
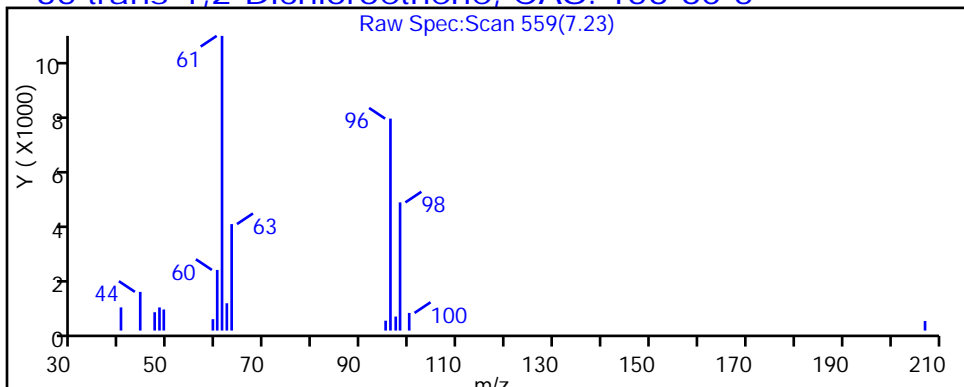
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

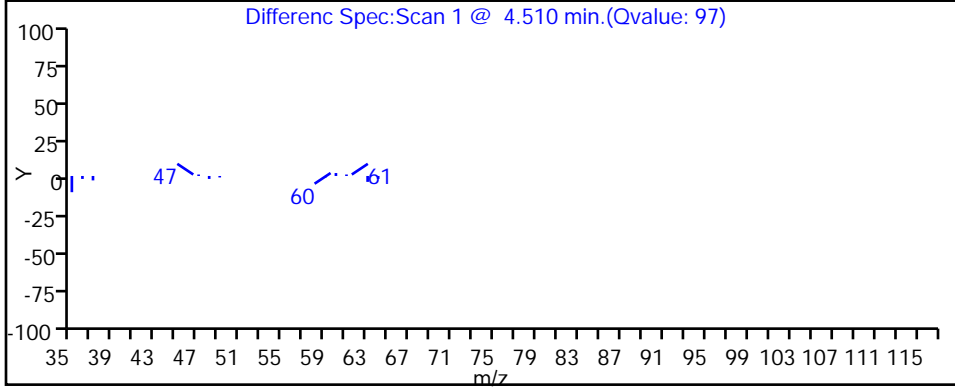
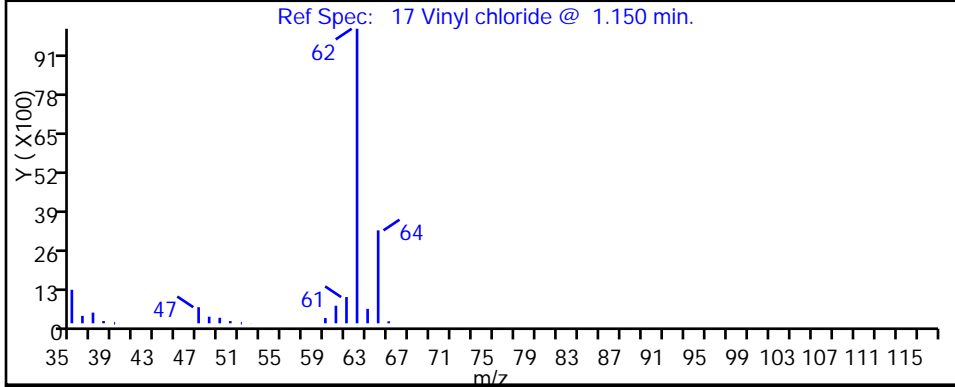
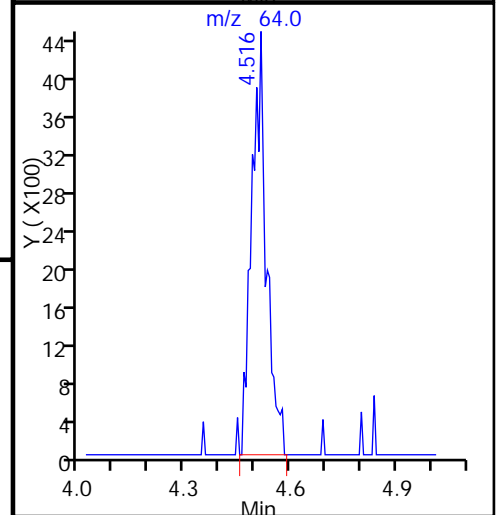
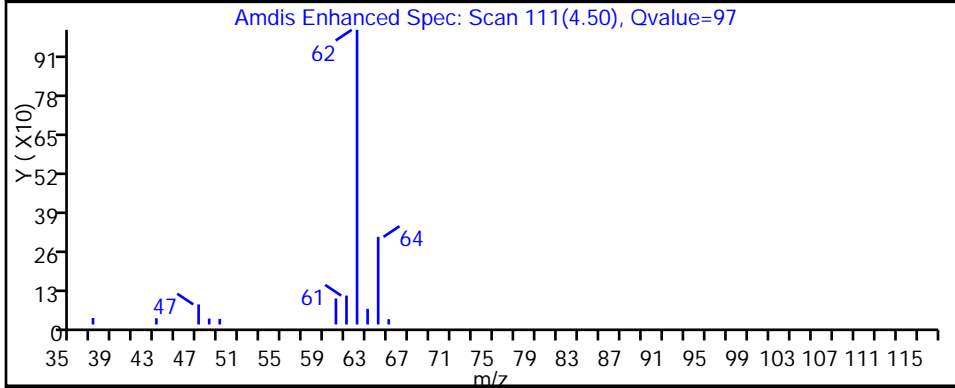
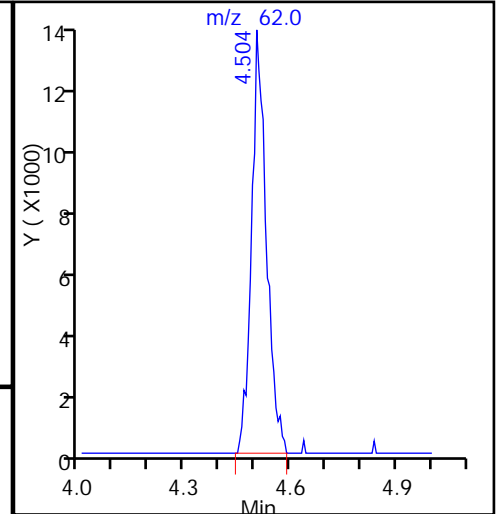
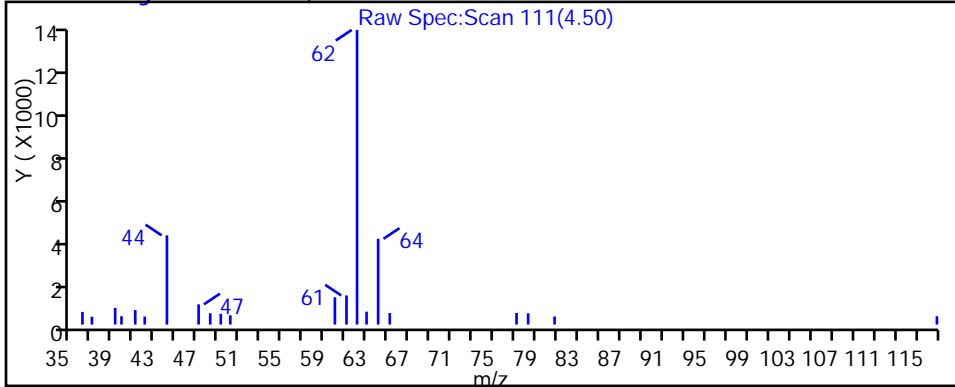
35 trans-1,2-Dichloroethene, CAS: 156-60-5



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22191.D
Injection Date: 25-Jan-2017 00:37:30 Instrument ID: HP5973P
Lims ID: 480-112525-A-2 Lab Sample ID: 480-112525-2
Client ID: MW-4
Operator ID: SO ALS Bottle#: 35 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 20.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

17 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-12 Lab Sample ID: 480-112525-3
 Matrix: Water Lab File ID: P22192.D
 Analysis Method: 8260C Date Collected: 01/19/2017 09:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 01:04
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		4.0	3.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.0	0.84
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2
79-00-5	1,1,2-Trichloroethane	ND		4.0	0.92
75-34-3	1,1-Dichloroethane	ND		4.0	1.5
75-35-4	1,1-Dichloroethene	ND		4.0	1.2
120-82-1	1,2,4-Trichlorobenzene	ND		4.0	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.0	1.6
106-93-4	1,2-Dibromoethane	ND		4.0	2.9
95-50-1	1,2-Dichlorobenzene	ND		4.0	3.2
107-06-2	1,2-Dichloroethane	ND		4.0	0.84
78-87-5	1,2-Dichloropropane	ND		4.0	2.9
541-73-1	1,3-Dichlorobenzene	ND		4.0	3.1
106-46-7	1,4-Dichlorobenzene	ND		4.0	3.4
78-93-3	2-Butanone (MEK)	ND		40	5.3
591-78-6	2-Hexanone	ND		20	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		20	8.4
67-64-1	Acetone	ND		40	12
71-43-2	Benzene	ND		4.0	1.6
75-27-4	Bromodichloromethane	ND		4.0	1.6
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		4.0	2.8
75-15-0	Carbon disulfide	ND		4.0	0.76
56-23-5	Carbon tetrachloride	ND		4.0	1.1
108-90-7	Chlorobenzene	ND		4.0	3.0
75-00-3	Chloroethane	13		4.0	1.3
67-66-3	Chloroform	ND		4.0	1.4
74-87-3	Chloromethane	ND		4.0	1.4
156-59-2	cis-1,2-Dichloroethene	ND		4.0	3.2
10061-01-5	cis-1,3-Dichloropropene	ND		4.0	1.4
110-82-7	Cyclohexane	ND		4.0	0.72
124-48-1	Dibromochloromethane	ND		4.0	1.3
75-71-8	Dichlorodifluoromethane	ND		4.0	2.7
100-41-4	Ethylbenzene	ND		4.0	3.0
98-82-8	Isopropylbenzene	ND		4.0	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-12 Lab Sample ID: 480-112525-3
 Matrix: Water Lab File ID: P22192.D
 Analysis Method: 8260C Date Collected: 01/19/2017 09:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 01:04
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10	5.2
1634-04-4	Methyl tert-butyl ether	ND		4.0	0.64
108-87-2	Methylcyclohexane	ND		4.0	0.64
75-09-2	Methylene Chloride	ND		4.0	1.8
100-42-5	Styrene	ND		4.0	2.9
127-18-4	Tetrachloroethene	ND		4.0	1.4
108-88-3	Toluene	ND		4.0	2.0
156-60-5	trans-1,2-Dichloroethene	ND		4.0	3.6
10061-02-6	trans-1,3-Dichloropropene	ND		4.0	1.5
79-01-6	Trichloroethene	ND		4.0	1.8
75-69-4	Trichlorofluoromethane	ND		4.0	3.5
75-01-4	Vinyl chloride	6.5		4.0	3.6
1330-20-7	Xylenes, Total	ND		8.0	2.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22192.D
 Lims ID: 480-112525-A-3
 Client ID: MW-12
 Sample Type: Client
 Inject. Date: 25-Jan-2017 01:04:30 ALS Bottle#: 36 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 4.0000
 Sample Info: 480-112525-a-3
 Misc. Info.: 480-0059986-010
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 09:29:42 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: farrellr

Date: 25-Jan-2017 09:29:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	98	267956	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.758	-0.001	88	552376	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.745	0.006	97	555990	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	223077	25.1	
\$ 5 Toluene-d8 (Surr)	98	11.799	11.793	0.006	94	1118274	24.4	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	82	322444	24.2	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.291				ND	
17 Vinyl chloride	62	4.504	4.510	-0.006	98	23269	1.64	
12 Bromomethane	94		5.070				ND	
13 Chloroethane	64	5.216	5.198	0.018	96	29810	3.15	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.232				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43	6.329	6.329	0.018	81	4293	0.4367	7
27 Carbon disulfide	76		6.664				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96		7.217				ND	
40 1,1-Dichloroethane	63		7.741				ND	
44 2-Butanone (MEK)	43		8.385				ND	
43 cis-1,2-Dichloroethene	96		8.440				ND	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.261				ND	
57 Benzene	78	9.517	9.511	0.006	90	16396	0.2604	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.439				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92		11.884				ND	
78 trans-1,3-Dichloropropene	75		12.139				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.861				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.572				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.424				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.267				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22192.D

Injection Date: 25-Jan-2017 01:04:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: 480-112525-A-3

Lab Sample ID: 480-112525-3

Worklist Smp#: 10

Client ID: MW-12

Purge Vol: 5.000 mL

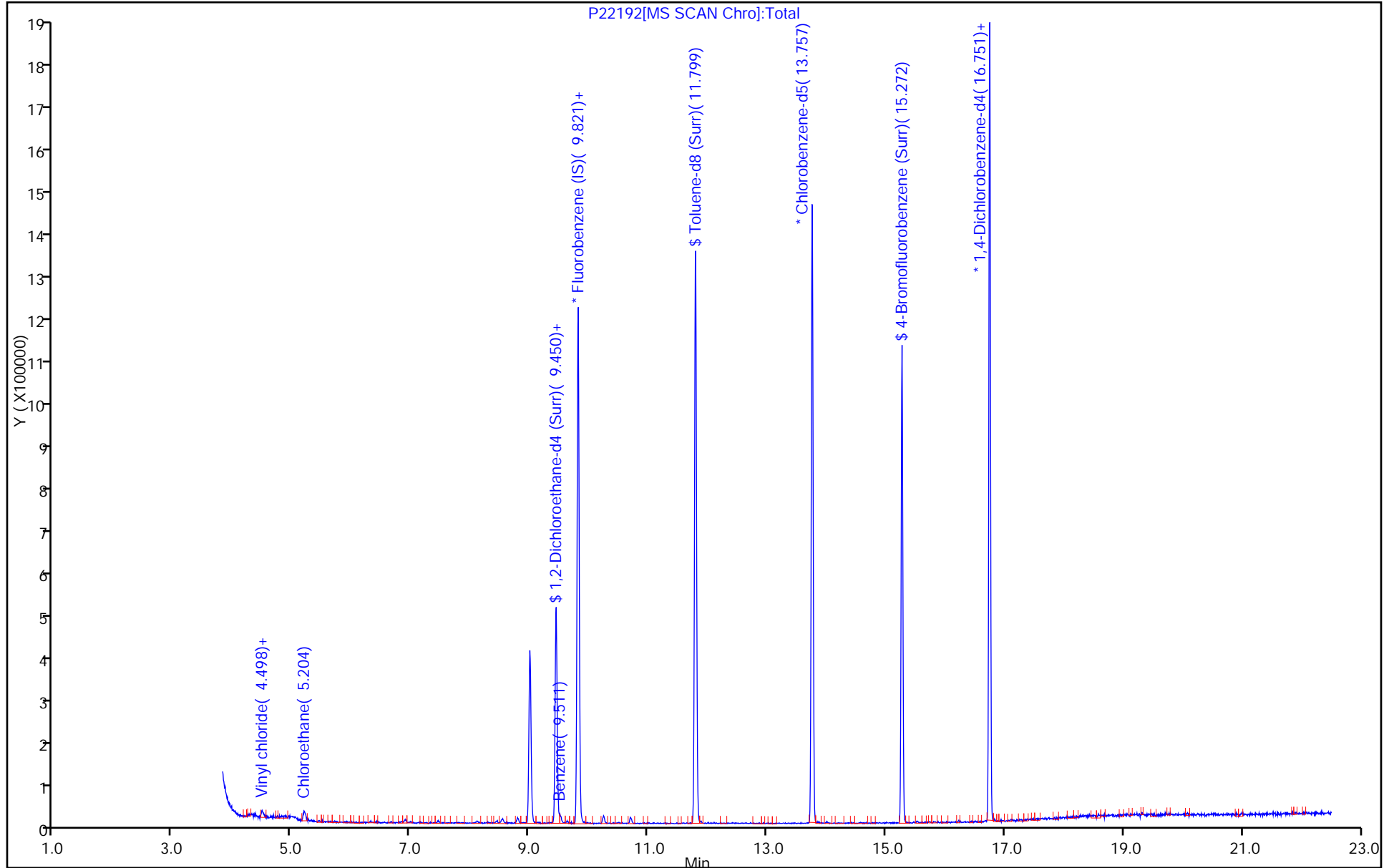
Dil. Factor: 4.0000

ALS Bottle#: 36

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22192.D

Injection Date: 25-Jan-2017 01:04:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-3

Lab Sample ID: 480-112525-3

Client ID: MW-12

Operator ID: SO

ALS Bottle#: 36

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 4.0000

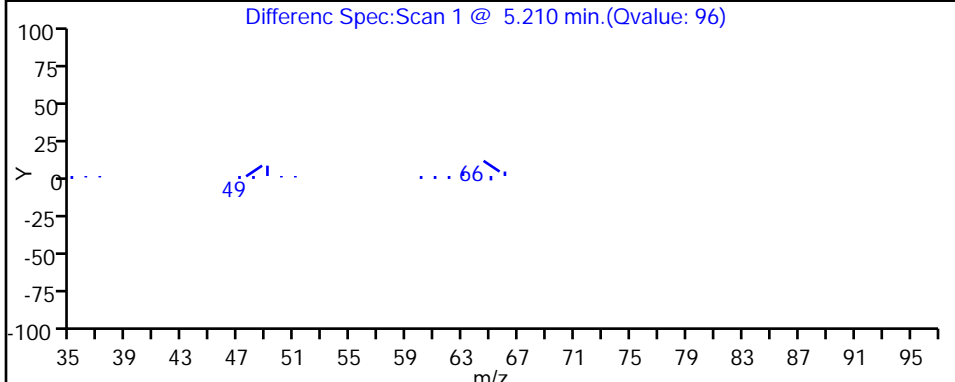
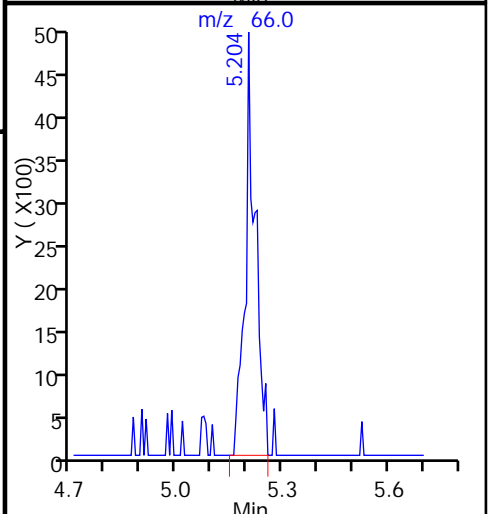
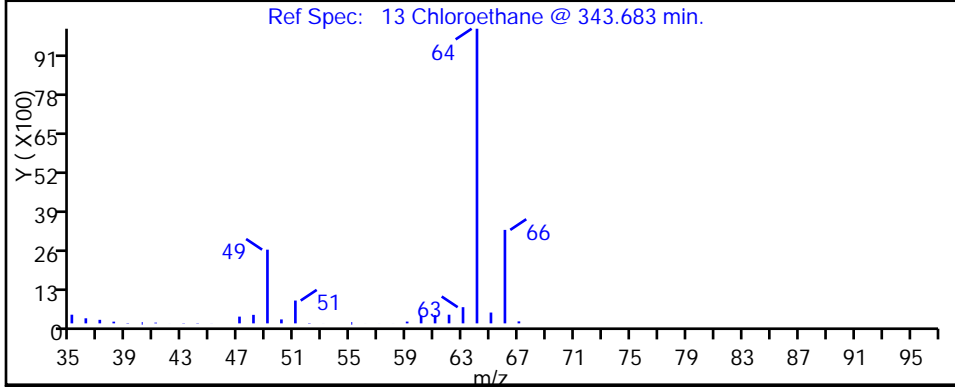
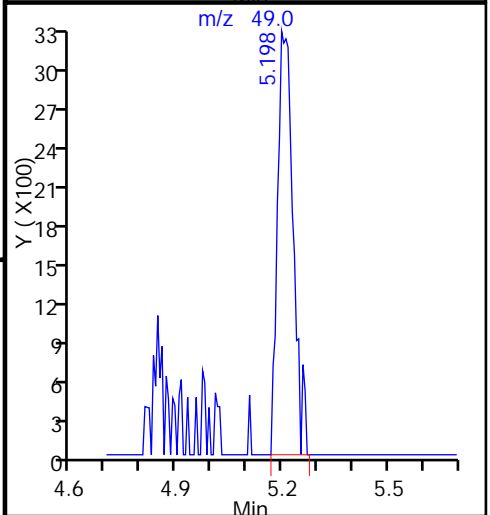
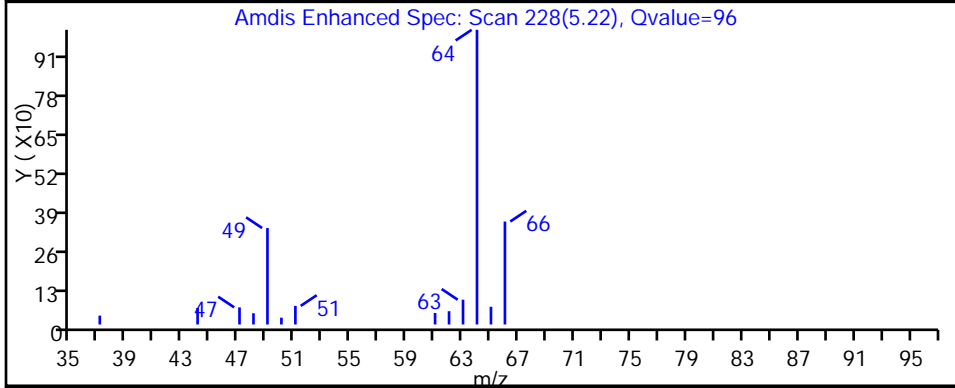
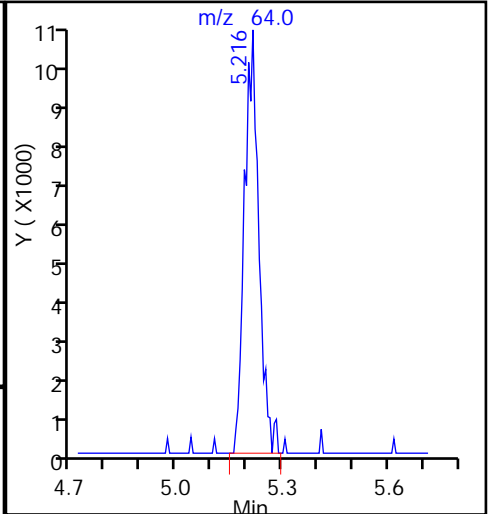
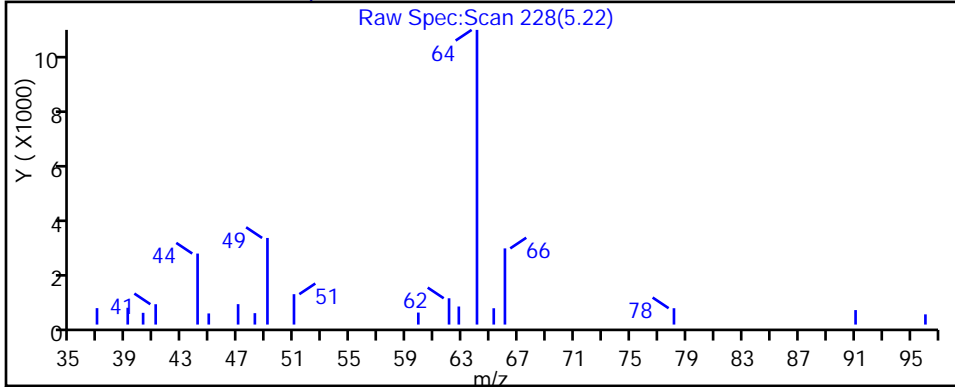
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22192.D

Injection Date: 25-Jan-2017 01:04:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-3

Lab Sample ID: 480-112525-3

Client ID: MW-12

Operator ID: SO

ALS Bottle#: 36

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 4.0000

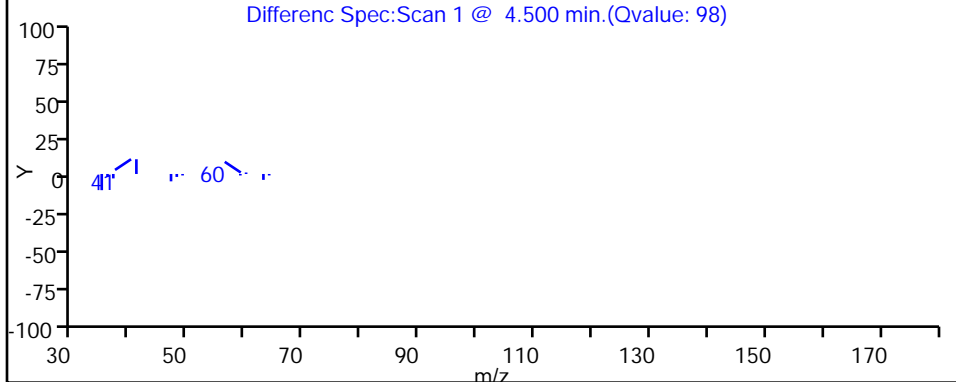
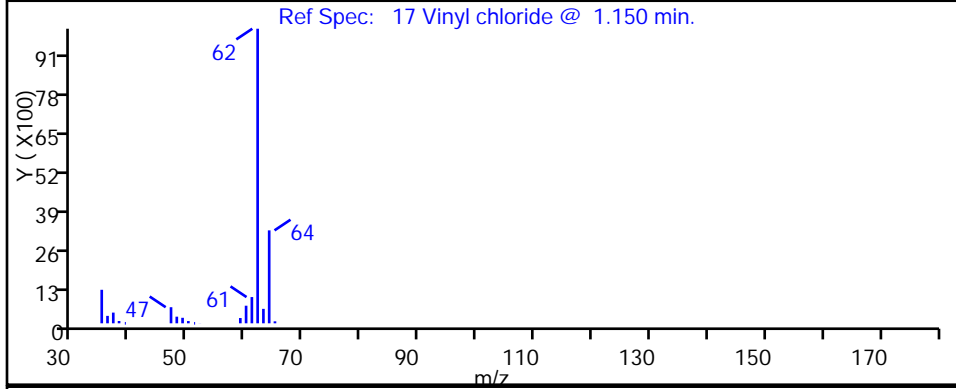
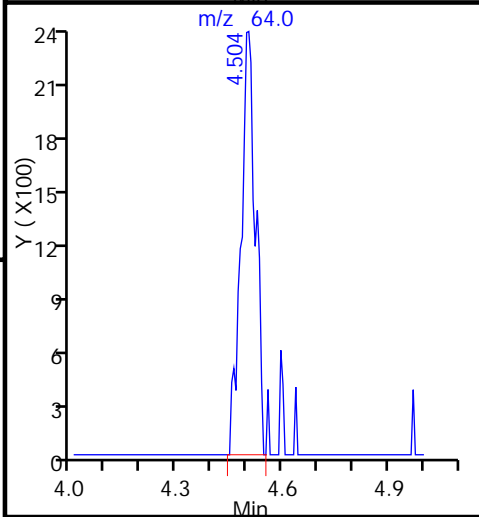
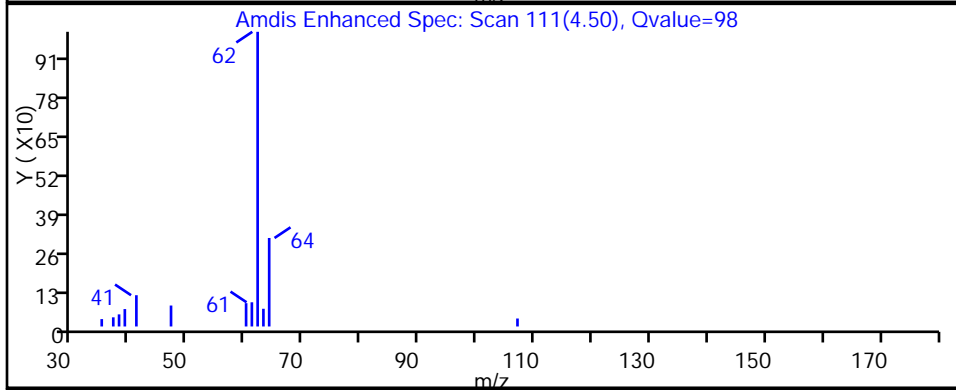
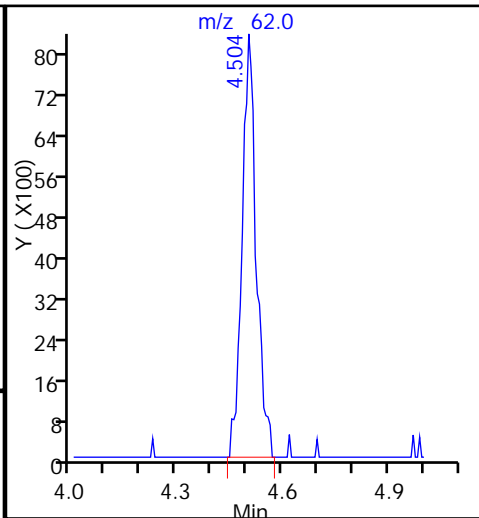
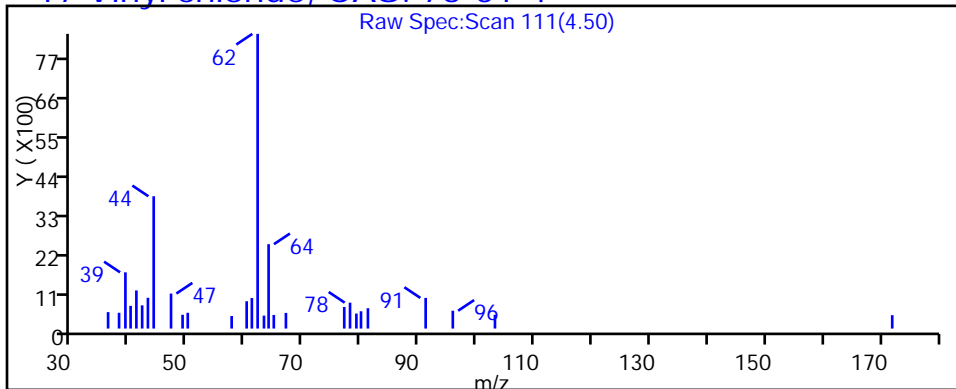
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-13S Lab Sample ID: 480-112525-4
 Matrix: Water Lab File ID: P22193.D
 Analysis Method: 8260C Date Collected: 01/19/2017 11:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 01:32
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.42
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.46
75-34-3	1,1-Dichloroethane	ND		2.0	0.76
75-35-4	1,1-Dichloroethene	ND		2.0	0.58
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.78
106-93-4	1,2-Dibromoethane	ND		2.0	1.5
95-50-1	1,2-Dichlorobenzene	ND		2.0	1.6
107-06-2	1,2-Dichloroethane	ND		2.0	0.42
78-87-5	1,2-Dichloropropane	ND		2.0	1.4
541-73-1	1,3-Dichlorobenzene	ND		2.0	1.6
106-46-7	1,4-Dichlorobenzene	ND		2.0	1.7
78-93-3	2-Butanone (MEK)	ND		20	2.6
591-78-6	2-Hexanone	ND		10	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	4.2
67-64-1	Acetone	ND		20	6.0
71-43-2	Benzene	ND		2.0	0.82
75-27-4	Bromodichloromethane	ND		2.0	0.78
75-25-2	Bromoform	ND		2.0	0.52
74-83-9	Bromomethane	ND		2.0	1.4
75-15-0	Carbon disulfide	ND		2.0	0.38
56-23-5	Carbon tetrachloride	ND		2.0	0.54
108-90-7	Chlorobenzene	ND		2.0	1.5
75-00-3	Chloroethane	20		2.0	0.64
67-66-3	Chloroform	ND		2.0	0.68
74-87-3	Chloromethane	ND		2.0	0.70
156-59-2	cis-1,2-Dichloroethene	12		2.0	1.6
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.72
110-82-7	Cyclohexane	ND		2.0	0.36
124-48-1	Dibromochloromethane	ND		2.0	0.64
75-71-8	Dichlorodifluoromethane	ND		2.0	1.4
100-41-4	Ethylbenzene	ND		2.0	1.5
98-82-8	Isopropylbenzene	ND		2.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-13S Lab Sample ID: 480-112525-4
 Matrix: Water Lab File ID: P22193.D
 Analysis Method: 8260C Date Collected: 01/19/2017 11:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 01:32
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	2.6
1634-04-4	Methyl tert-butyl ether	ND		2.0	0.32
108-87-2	Methylcyclohexane	ND		2.0	0.32
75-09-2	Methylene Chloride	ND		2.0	0.88
100-42-5	Styrene	ND		2.0	1.5
127-18-4	Tetrachloroethene	ND		2.0	0.72
108-88-3	Toluene	3.3		2.0	1.0
156-60-5	trans-1,2-Dichloroethene	ND		2.0	1.8
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.74
79-01-6	Trichloroethene	2.1		2.0	0.92
75-69-4	Trichlorofluoromethane	ND		2.0	1.8
75-01-4	Vinyl chloride	44		2.0	1.8
1330-20-7	Xylenes, Total	ND		4.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22193.D
 Lims ID: 480-112525-A-4
 Client ID: MW-13S
 Sample Type: Client
 Inject. Date: 25-Jan-2017 01:32:30 ALS Bottle#: 37 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 2.0000
 Sample Info: 480-112525-a-4
 Misc. Info.: 480-0059986-011
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 09:30:57 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: farrellr

Date: 25-Jan-2017 09:30:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	99	273646	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.758	-0.001	88	554951	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.745	0.005	97	556264	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.450	-0.006	0	226595	25.0	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.793	0.000	94	1132808	24.6	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	329757	24.7	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.291				ND	
17 Vinyl chloride	62	4.510	4.510	0.000	98	321654	22.2	
12 Bromomethane	94		5.070				ND	
13 Chloroethane	64	5.204	5.198	0.006	97	97553	10.1	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.232				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43	6.323	6.323	0.012	77	9394	0.9358	7
27 Carbon disulfide	76		6.664				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96	7.223	7.217	0.006	91	4356	0.2552	
40 1,1-Dichloroethane	63		7.741				ND	
44 2-Butanone (MEK)	43		8.385				ND	
43 cis-1,2-Dichloroethene	96	8.446	8.440	0.006	82	113771	5.82	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.261				ND	
57 Benzene	78	9.511	9.511	0.000	1	6449	0.1003	7
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95	10.271	10.265	0.006	96	18488	1.03	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.439				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92	11.883	11.884	-0.001	97	68736	1.65	
78 trans-1,3-Dichloropropene	75		12.139				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.861				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.572				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.424				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.267				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22193.D

Injection Date: 25-Jan-2017 01:32:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: 480-112525-A-4

Lab Sample ID: 480-112525-4

Worklist Smp#: 11

Client ID: MW-13S

Purge Vol: 5.000 mL

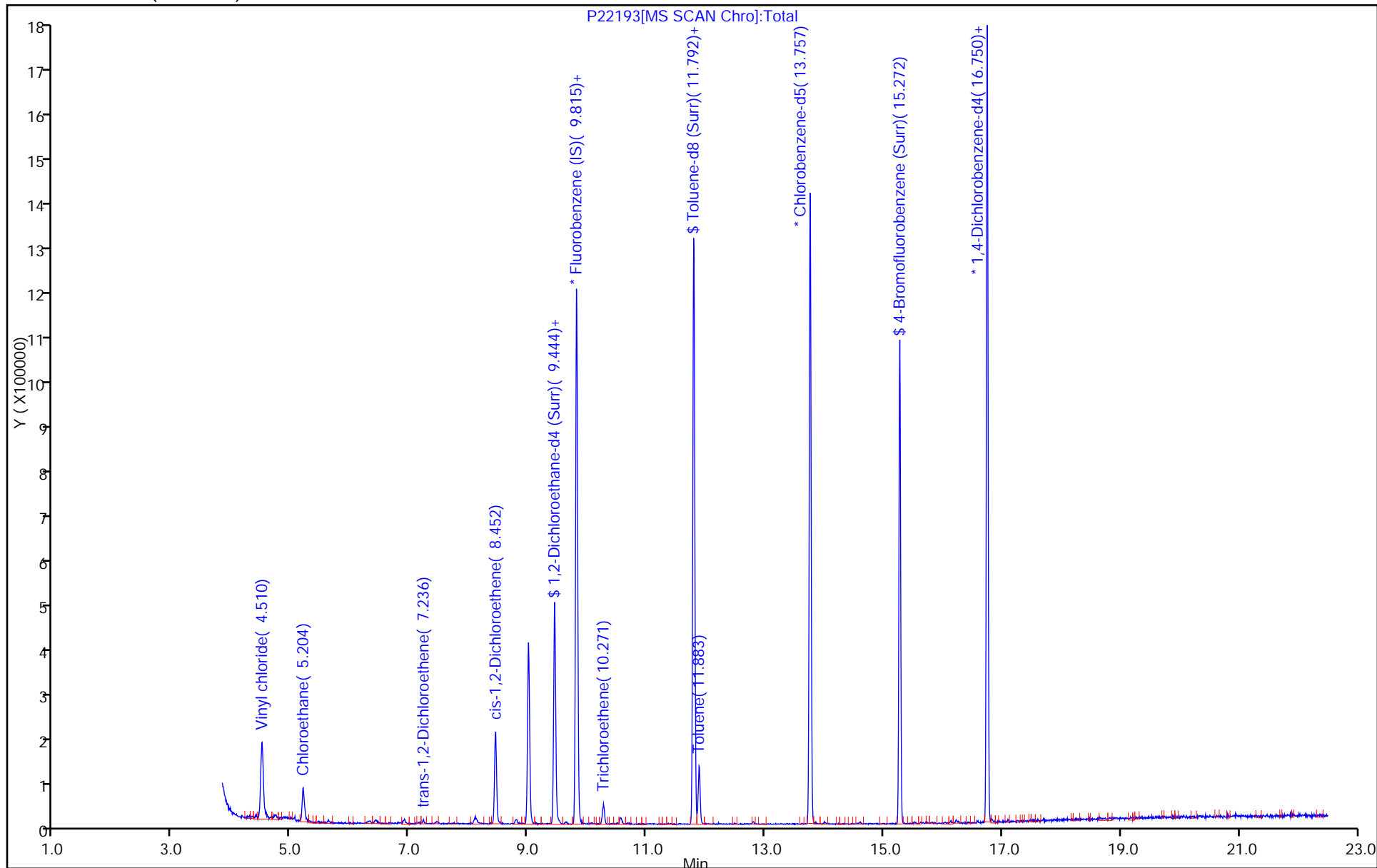
Dil. Factor: 2.0000

ALS Bottle#: 37

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22193.D

Injection Date: 25-Jan-2017 01:32:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-4

Lab Sample ID: 480-112525-4

Client ID: MW-13S

Operator ID: SO

ALS Bottle#: 37

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 2.0000

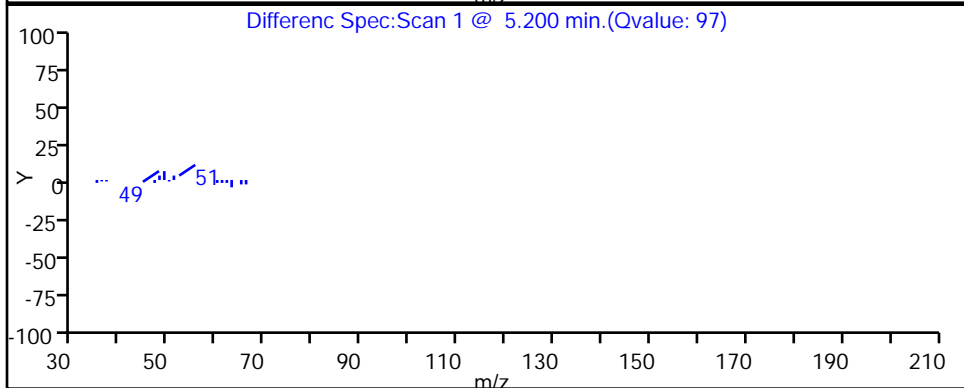
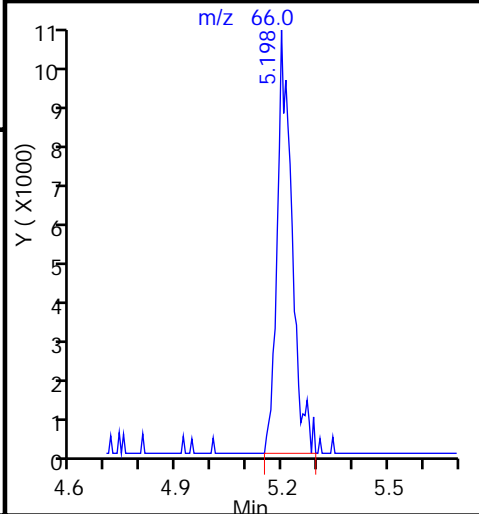
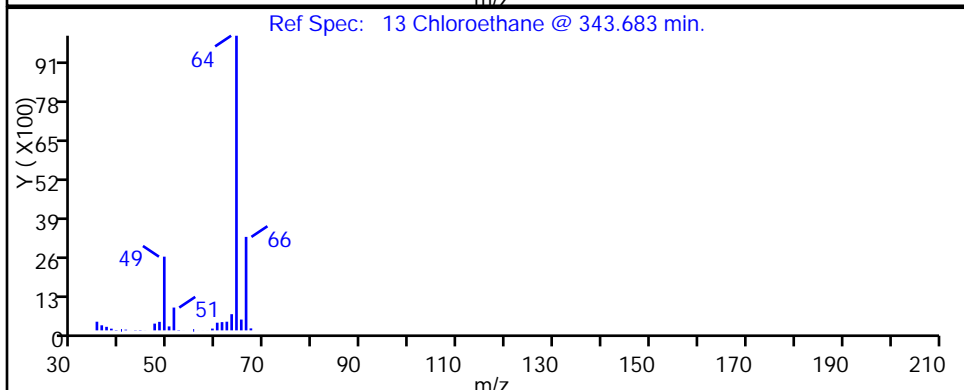
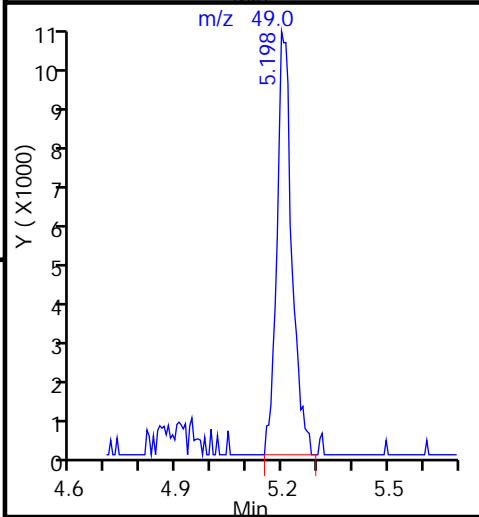
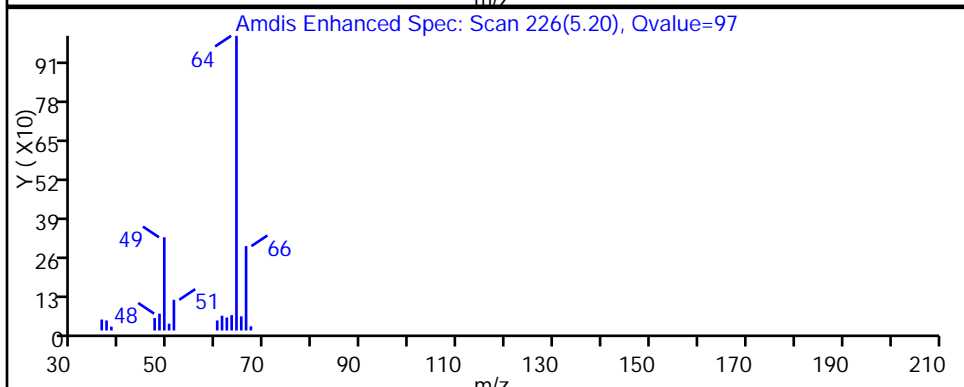
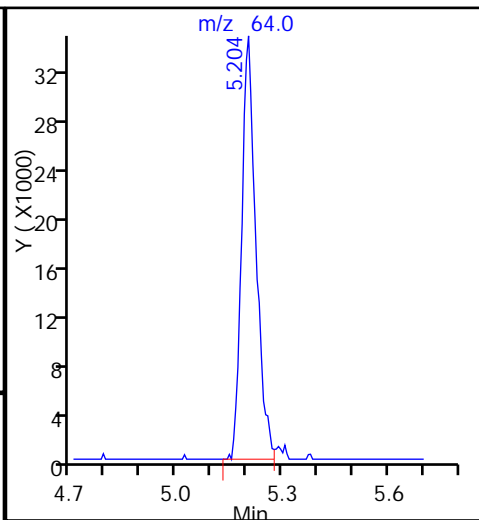
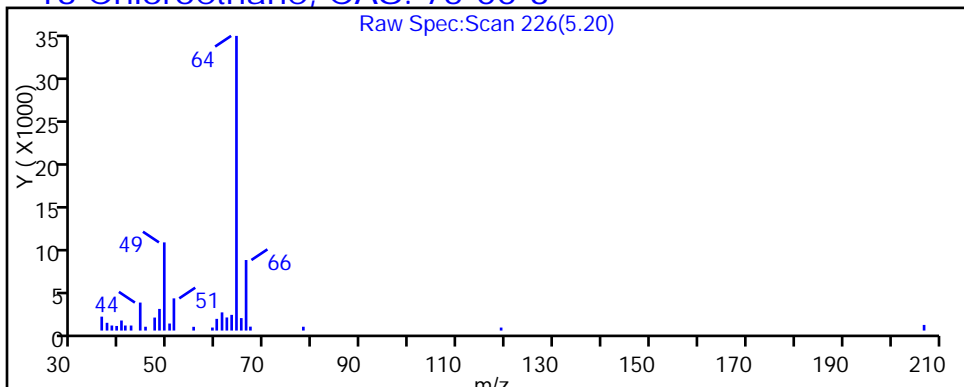
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22193.D

Injection Date: 25-Jan-2017 01:32:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-4

Lab Sample ID: 480-112525-4

Client ID: MW-13S

Operator ID: SO

ALS Bottle#: 37

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 2.0000

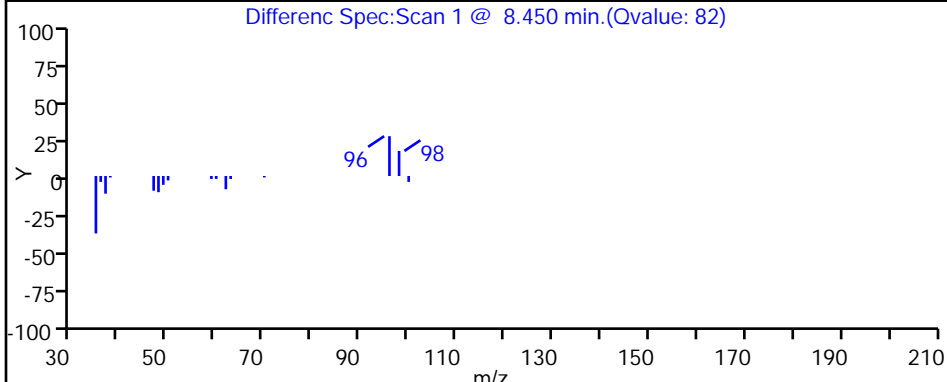
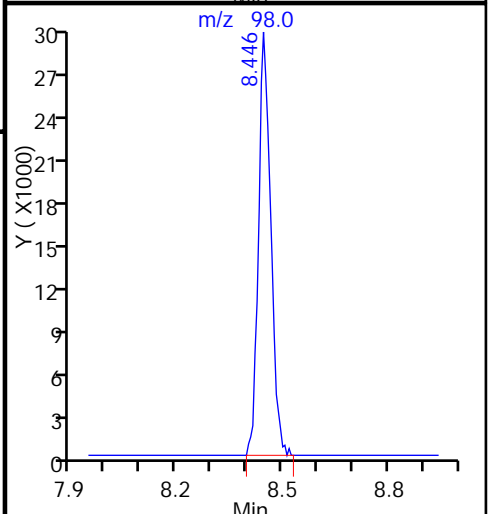
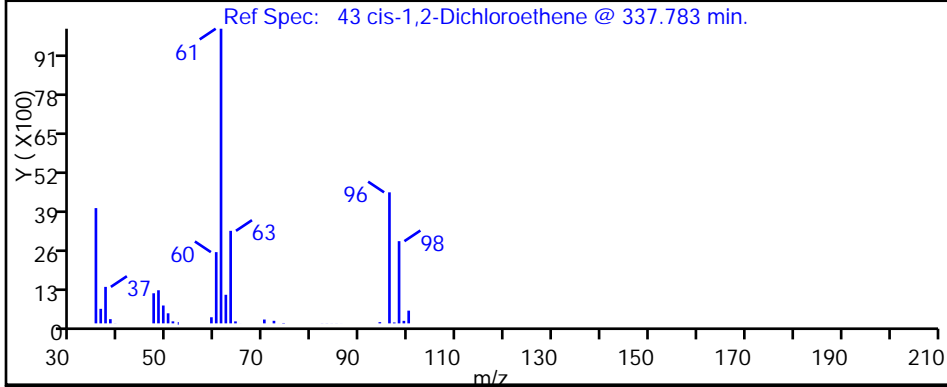
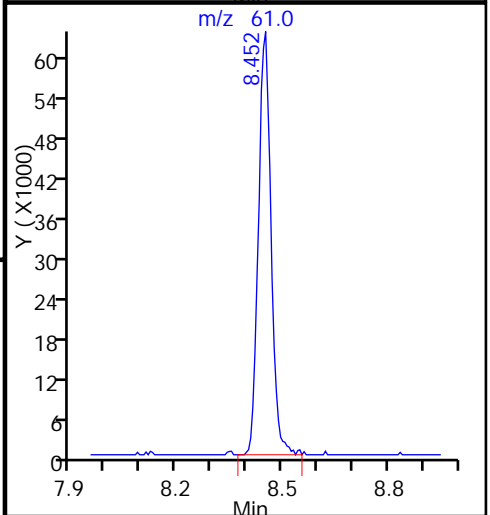
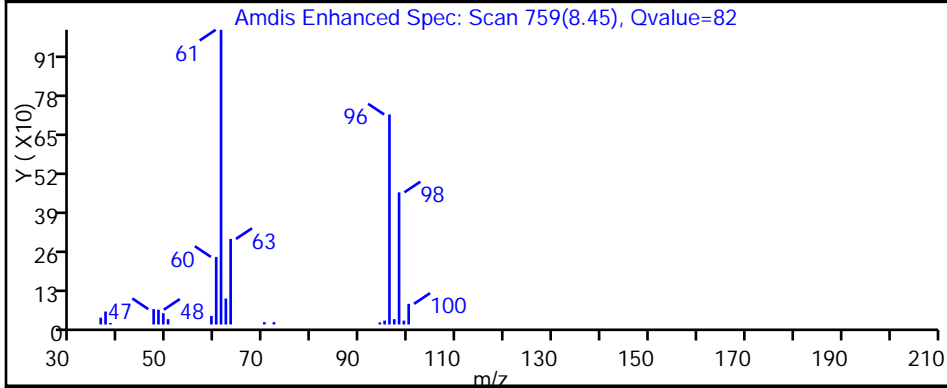
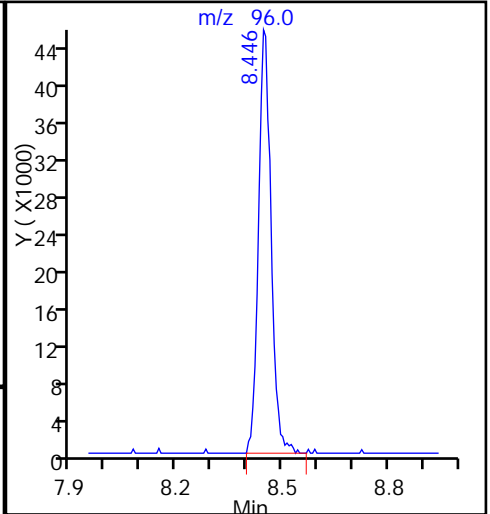
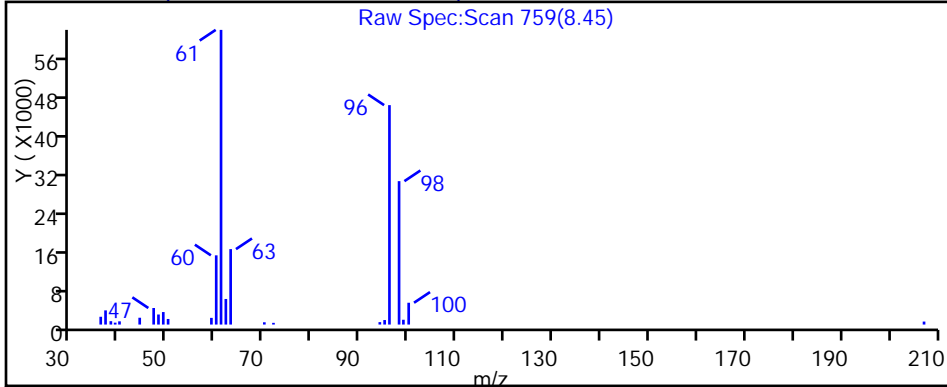
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22193.D

Injection Date: 25-Jan-2017 01:32:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-4

Lab Sample ID: 480-112525-4

Client ID: MW-13S

Operator ID: SO

ALS Bottle#: 37

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 2.0000

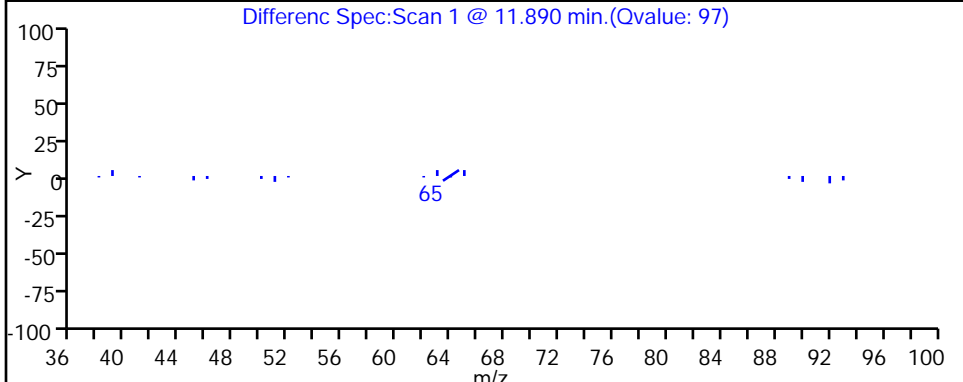
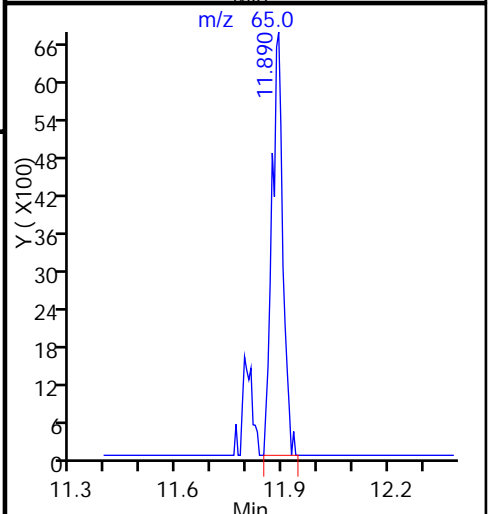
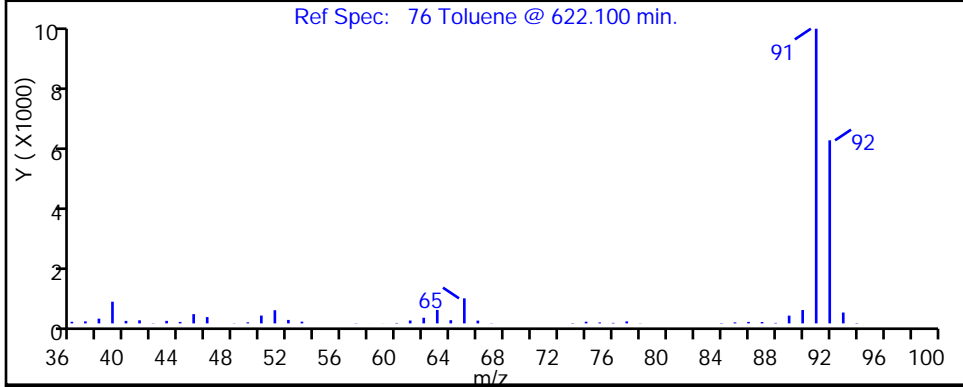
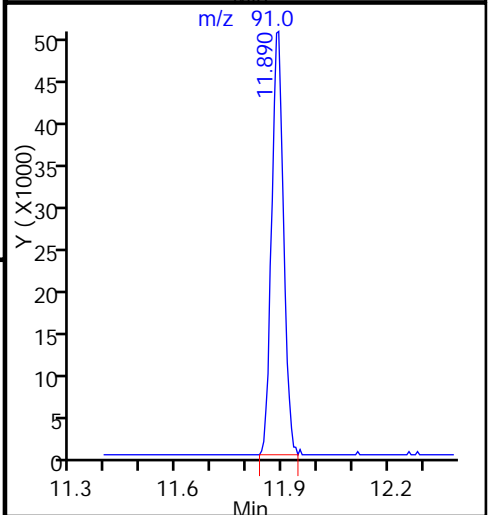
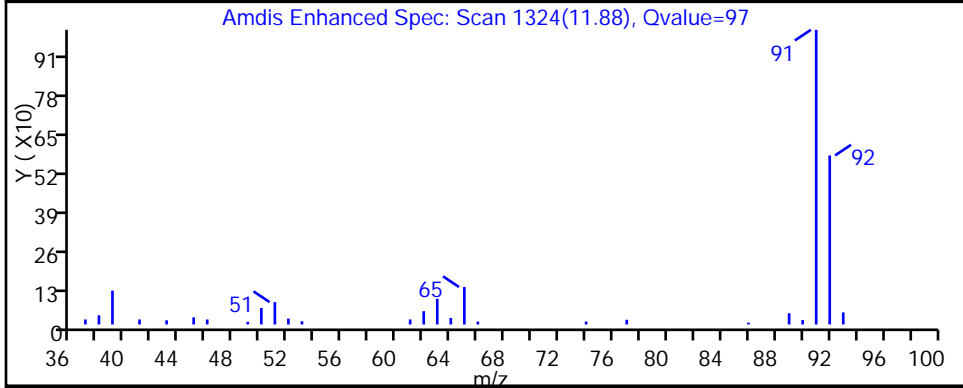
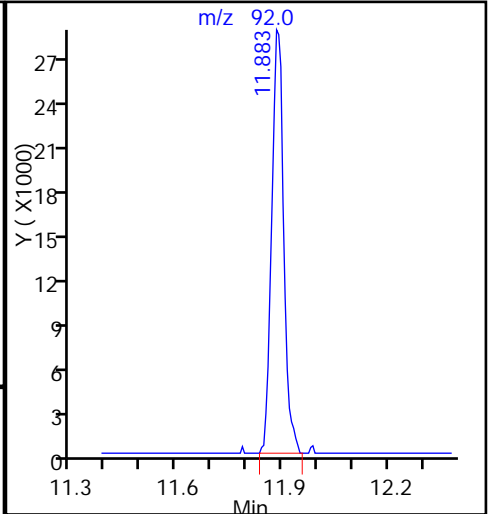
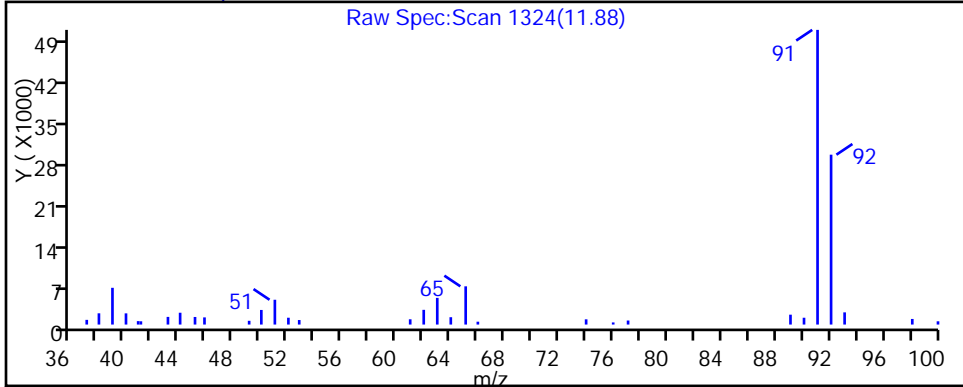
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

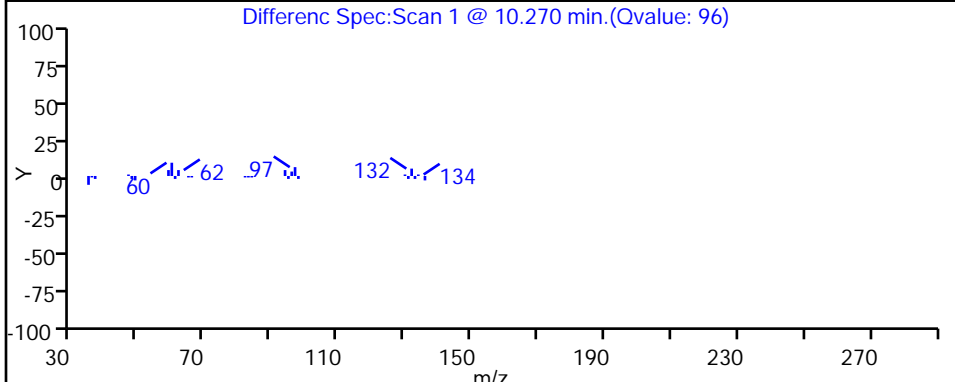
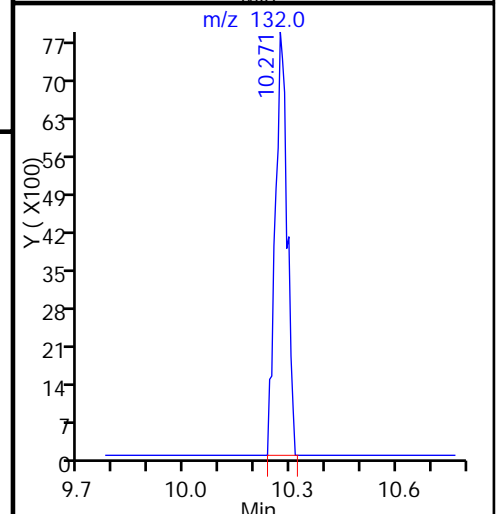
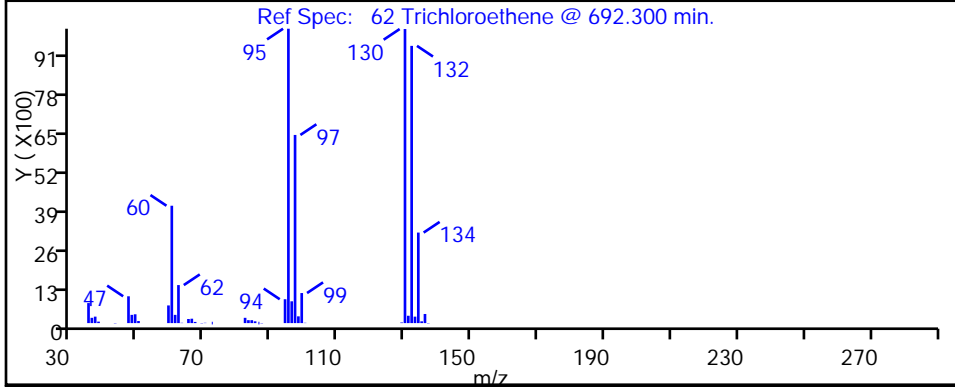
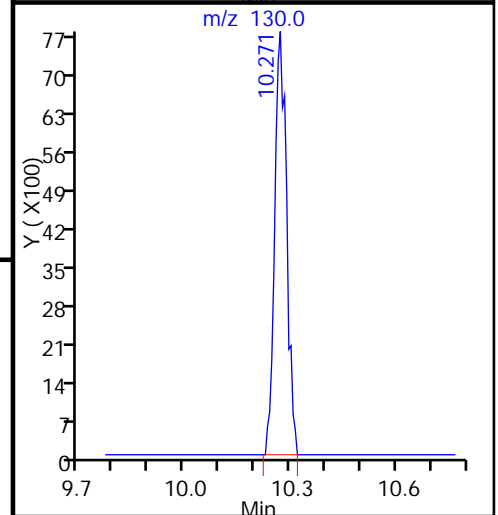
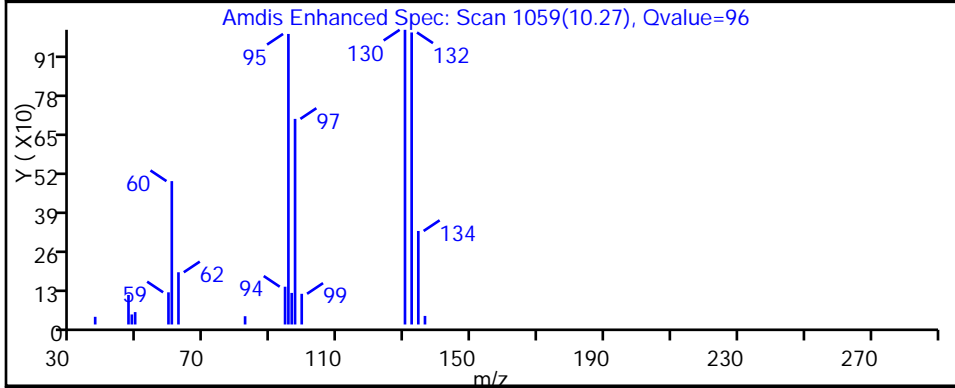
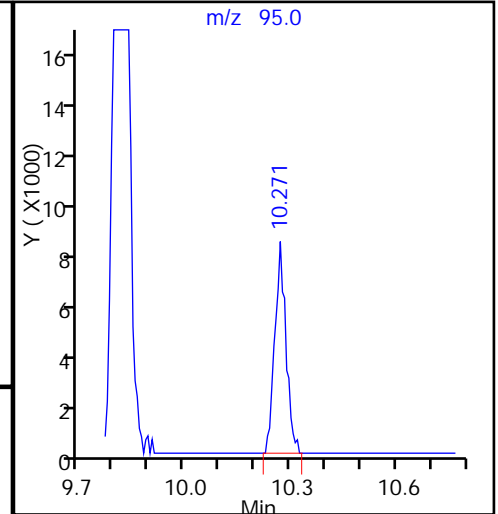
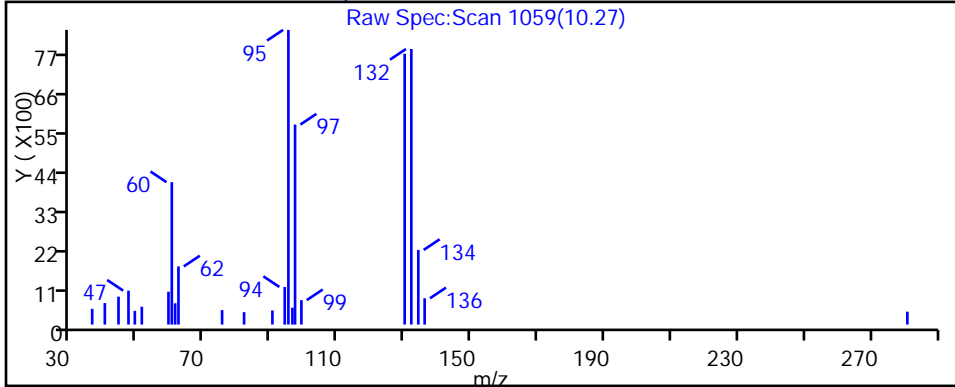
76 Toluene, CAS: 108-88-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22193.D
Injection Date: 25-Jan-2017 01:32:30 Instrument ID: HP5973P
Lims ID: 480-112525-A-4 Lab Sample ID: 480-112525-4
Client ID: MW-13S
Operator ID: SO ALS Bottle#: 37 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

62 Trichloroethene, CAS: 79-01-6



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22193.D

Injection Date: 25-Jan-2017 01:32:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-4

Lab Sample ID: 480-112525-4

Client ID: MW-13S

Operator ID: SO

ALS Bottle#: 37

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 2.0000

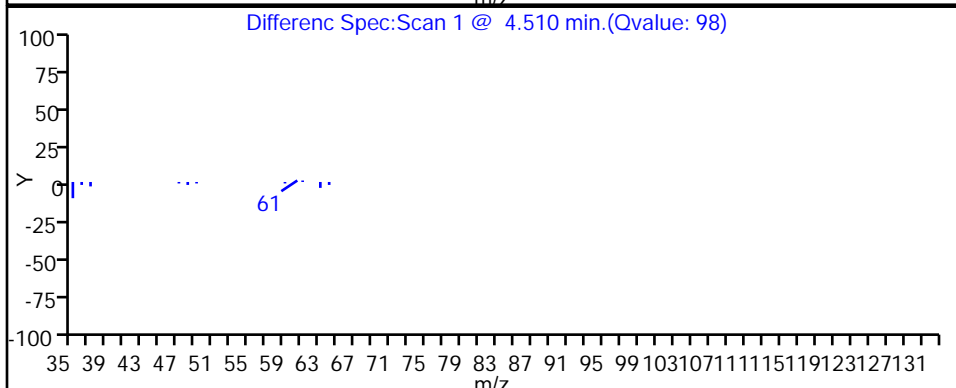
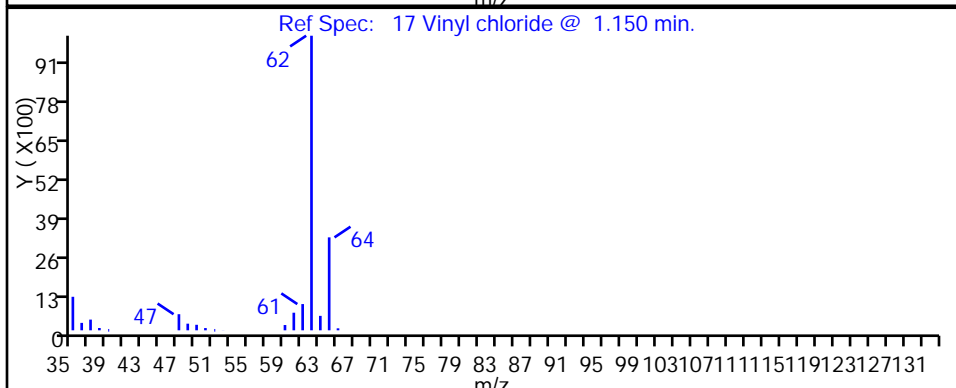
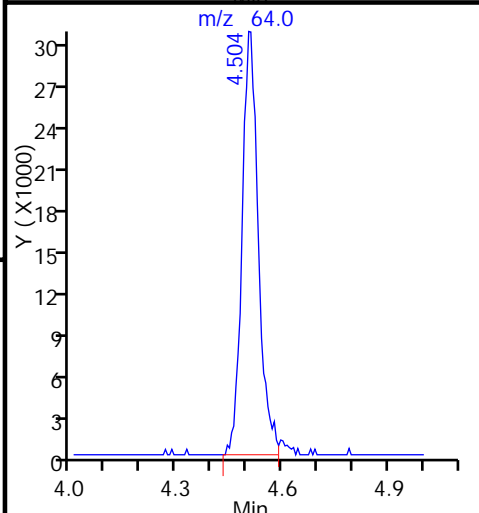
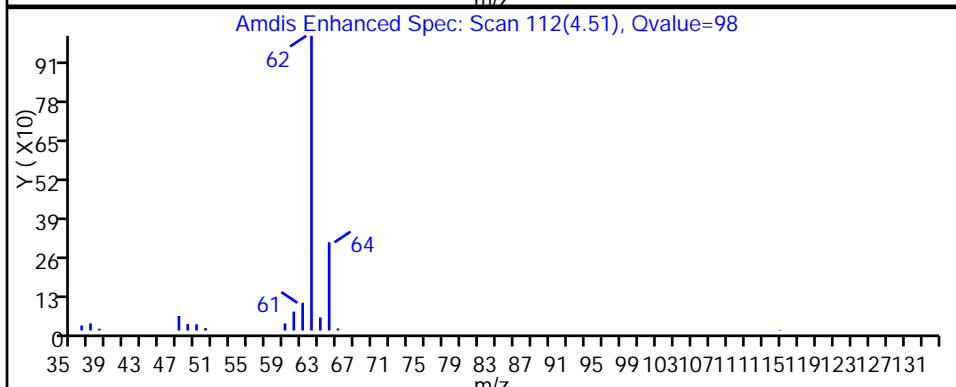
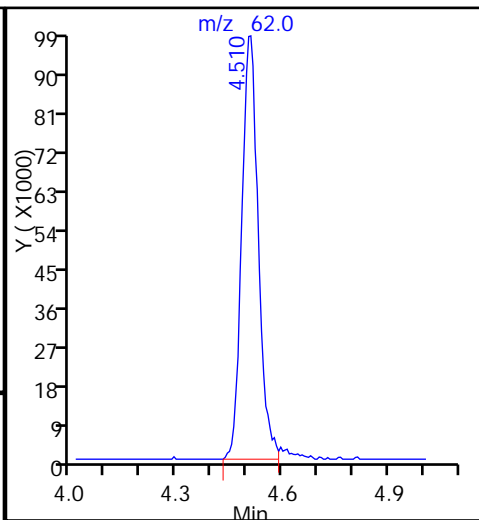
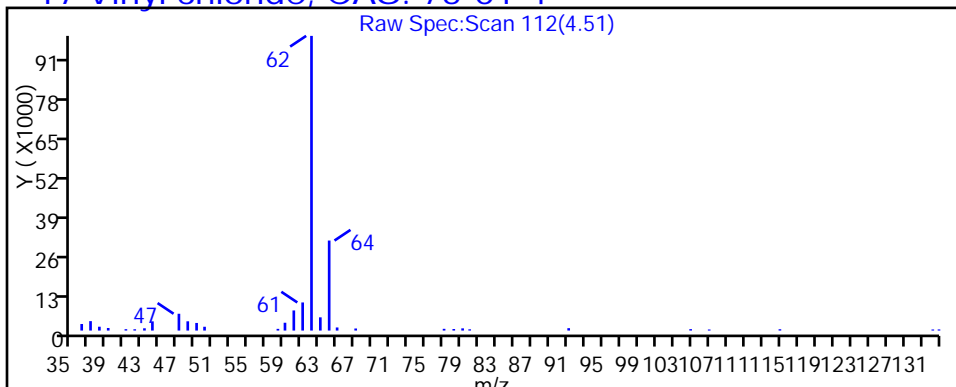
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-13D Lab Sample ID: 480-112525-5
 Matrix: Water Lab File ID: P22194.D
 Analysis Method: 8260C Date Collected: 01/19/2017 12:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 01:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	25		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-13D Lab Sample ID: 480-112525-5
 Matrix: Water Lab File ID: P22194.D
 Analysis Method: 8260C Date Collected: 01/19/2017 12:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 01:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	0.77	J	1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22194.D
 Lims ID: 480-112525-A-5
 Client ID: MW-13D
 Sample Type: Client
 Inject. Date: 25-Jan-2017 01:59:30 ALS Bottle#: 38 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-112525-a-5
 Misc. Info.: 480-0059986-012
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 09:32:27 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: farrellr

Date: 25-Jan-2017 09:32:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	98	261404	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.758	-0.001	88	532974	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.745	16.745	-0.001	98	545414	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	220599	25.5	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.793	0.000	94	1102699	24.9	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	317866	24.7	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.291				ND	
17 Vinyl chloride	62	4.510	4.510	0.000	22	11819	0.8524	
12 Bromomethane	94		5.070				ND	
13 Chloroethane	64	5.204	5.198	0.006	97	233485	25.3	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.232				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43	6.323	6.323	0.012	82	12993	1.35	7
27 Carbon disulfide	76		6.664				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96	7.236	7.217	0.019	91	4638	0.2844	
40 1,1-Dichloroethane	63	7.747	7.741	0.006	12	6405	0.2153	
44 2-Butanone (MEK)	43		8.385				ND	
43 cis-1,2-Dichloroethene	96	8.453	8.440	0.013	81	6344	0.3397	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.261				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.439				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92	11.884	11.884	0.000	97	30961	0.7717	
78 trans-1,3-Dichloropropene	75		12.139				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91	13.873	13.873	0.012	1	2135	0.0285	7
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.572				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.424				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.267				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22194.D

Injection Date: 25-Jan-2017 01:59:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: 480-112525-A-5

Lab Sample ID: 480-112525-5

Worklist Smp#: 12

Client ID: MW-13D

Purge Vol: 5.000 mL

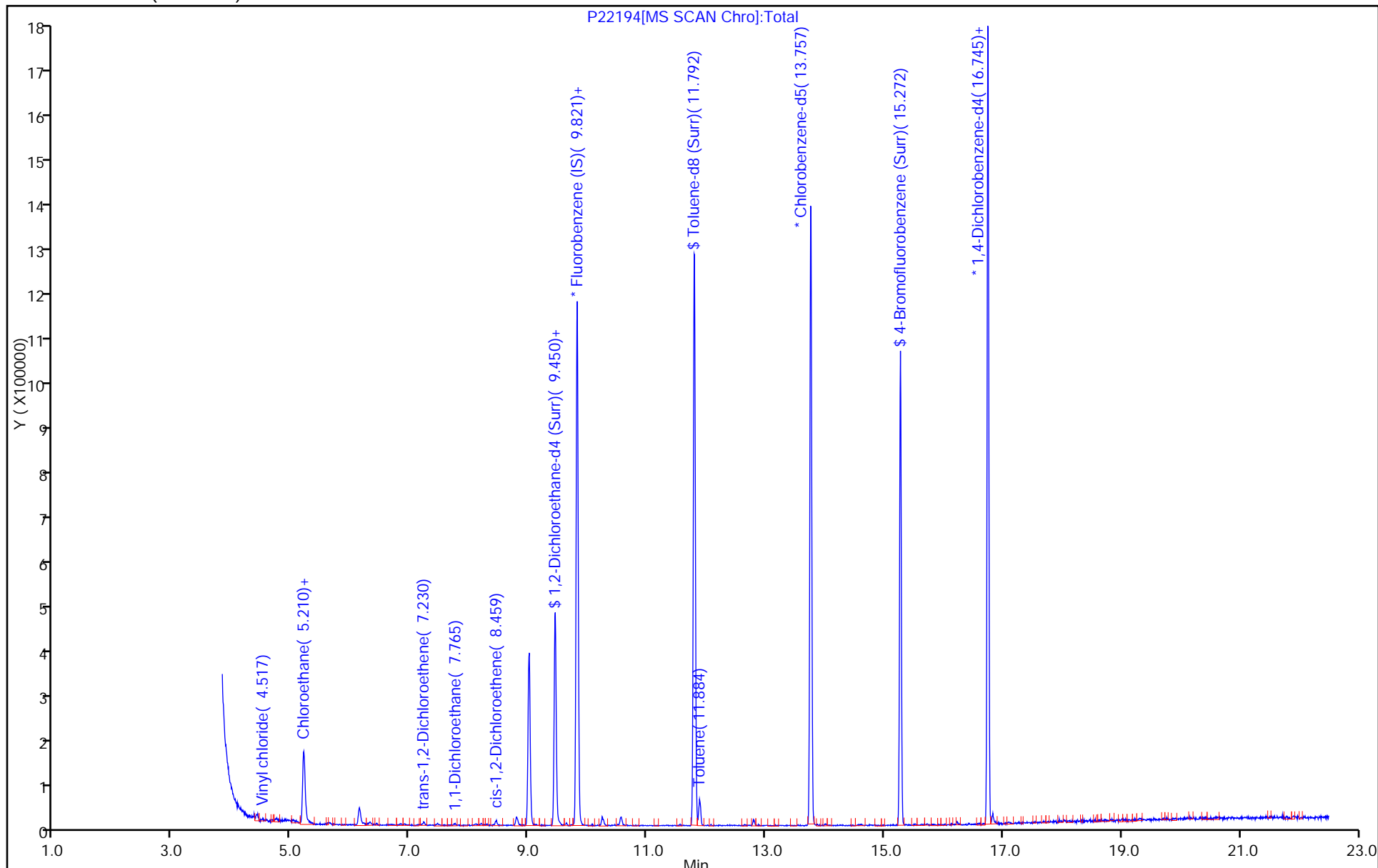
Dil. Factor: 1.0000

ALS Bottle#: 38

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22194.D

Injection Date: 25-Jan-2017 01:59:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-5

Lab Sample ID: 480-112525-5

Client ID: MW-13D

Operator ID: SO

ALS Bottle#: 38

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

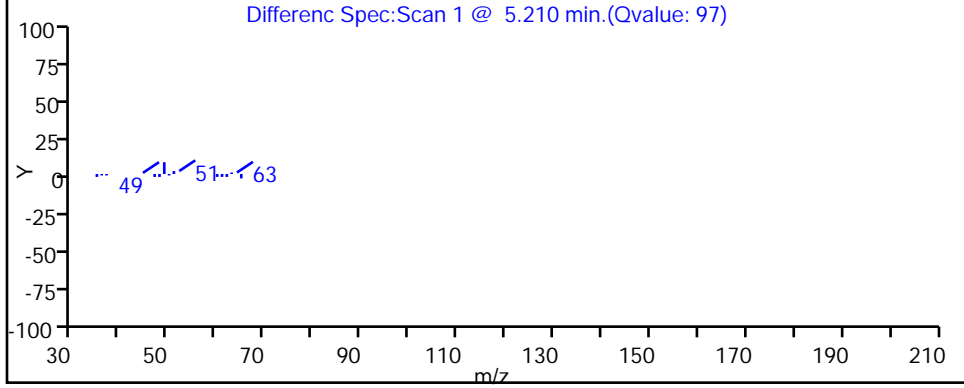
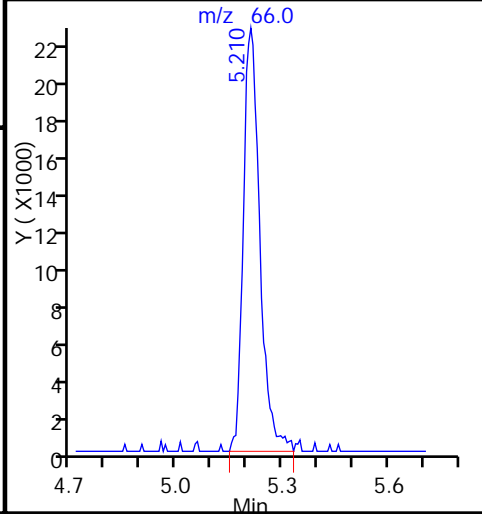
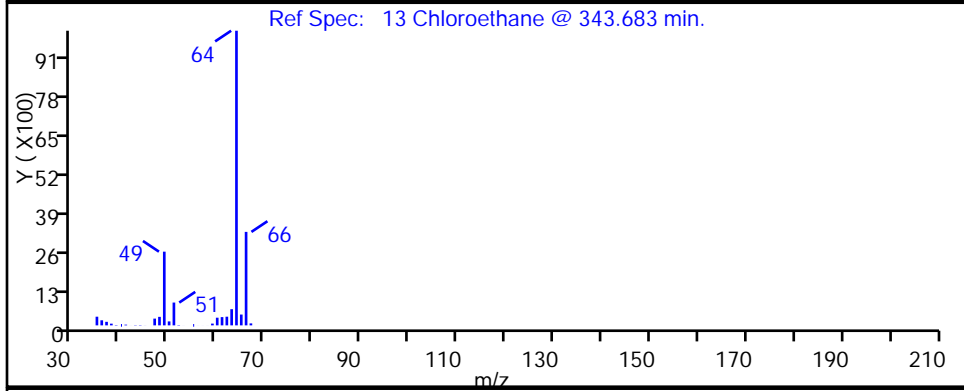
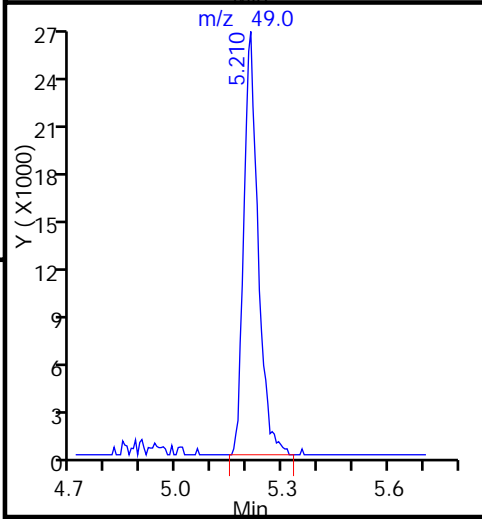
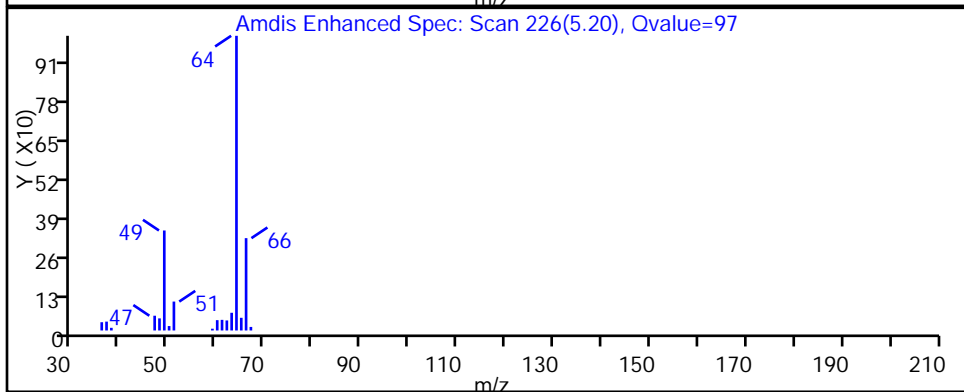
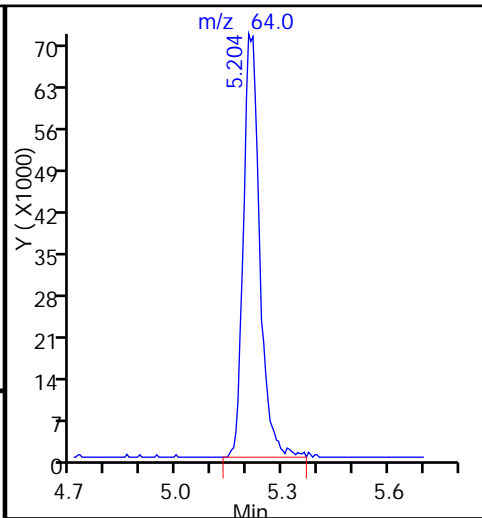
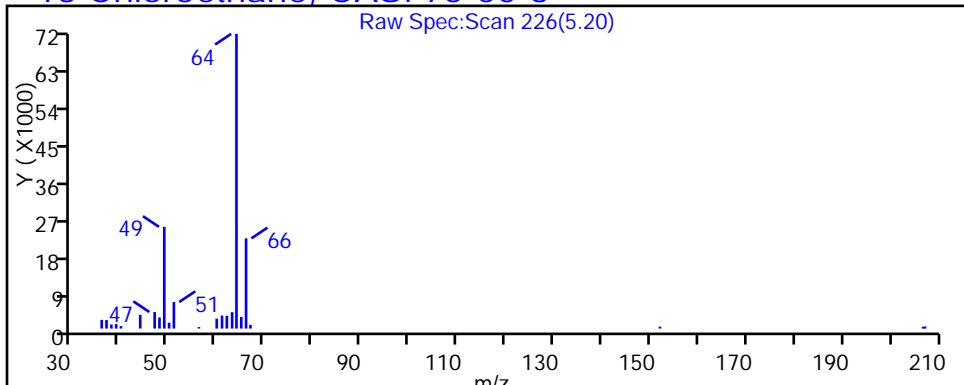
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22194.D

Injection Date: 25-Jan-2017 01:59:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-5

Lab Sample ID: 480-112525-5

Client ID: MW-13D

Operator ID: SO

ALS Bottle#: 38

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

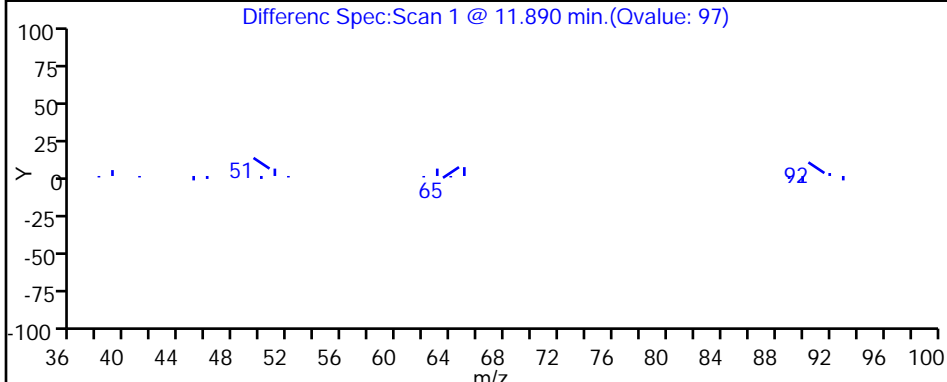
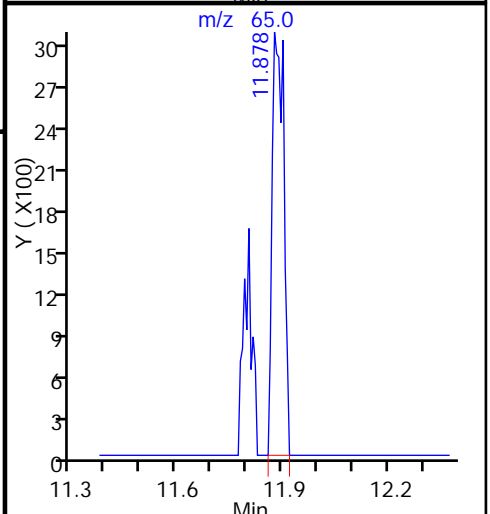
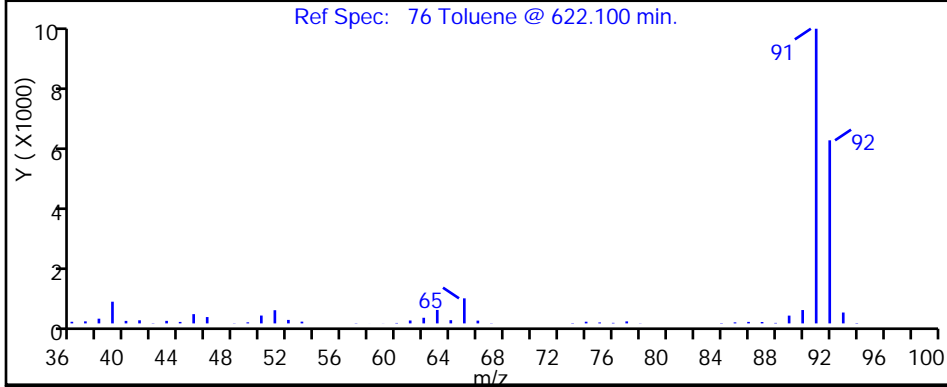
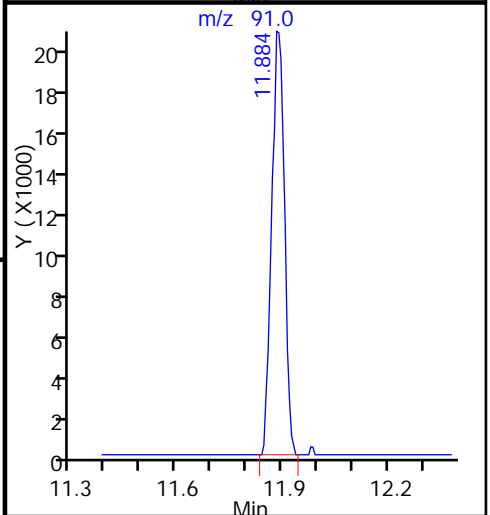
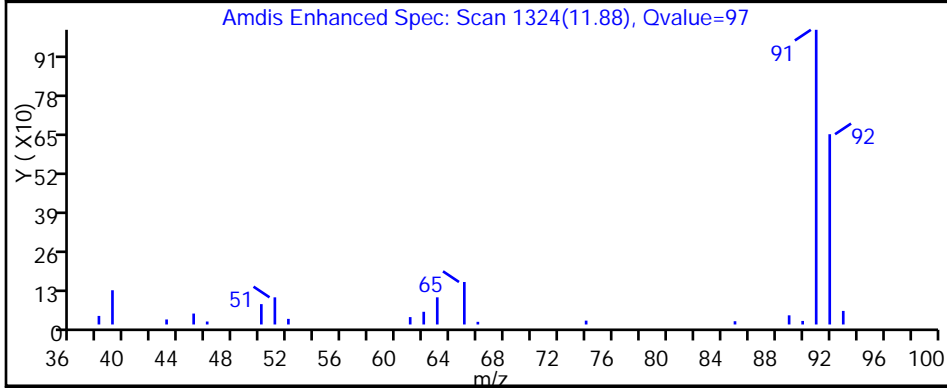
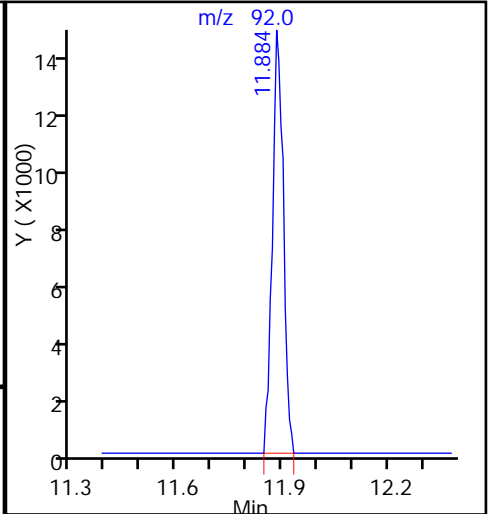
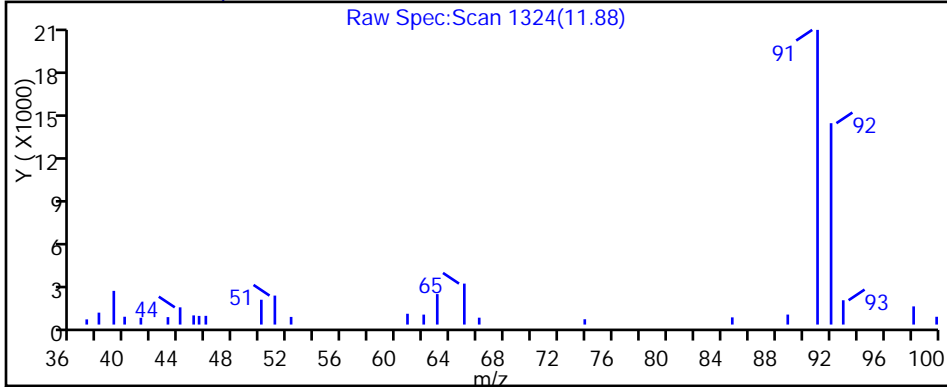
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

76 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-16S Lab Sample ID: 480-112525-6
 Matrix: Water Lab File ID: P22195.D
 Analysis Method: 8260C Date Collected: 01/19/2017 13:40
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 02:27
 Soil Aliquot Vol: _____ Dilution Factor: 500
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		500	410
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	110
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	160
79-00-5	1,1,2-Trichloroethane	ND		500	120
75-34-3	1,1-Dichloroethane	1000		500	190
75-35-4	1,1-Dichloroethene	150	J	500	150
120-82-1	1,2,4-Trichlorobenzene	ND		500	210
96-12-8	1,2-Dibromo-3-Chloropropane	ND		500	200
106-93-4	1,2-Dibromoethane	ND		500	370
95-50-1	1,2-Dichlorobenzene	ND		500	400
107-06-2	1,2-Dichloroethane	ND		500	110
78-87-5	1,2-Dichloropropane	ND		500	360
541-73-1	1,3-Dichlorobenzene	ND		500	390
106-46-7	1,4-Dichlorobenzene	ND		500	420
78-93-3	2-Butanone (MEK)	ND		5000	660
591-78-6	2-Hexanone	ND		2500	620
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		2500	1100
67-64-1	Acetone	ND		5000	1500
71-43-2	Benzene	ND		500	210
75-27-4	Bromodichloromethane	ND		500	200
75-25-2	Bromoform	ND		500	130
74-83-9	Bromomethane	ND		500	350
75-15-0	Carbon disulfide	ND		500	95
56-23-5	Carbon tetrachloride	ND		500	140
108-90-7	Chlorobenzene	ND		500	380
75-00-3	Chloroethane	1900		500	160
67-66-3	Chloroform	ND		500	170
74-87-3	Chloromethane	ND		500	180
156-59-2	cis-1,2-Dichloroethene	29000		500	410
10061-01-5	cis-1,3-Dichloropropene	ND		500	180
110-82-7	Cyclohexane	ND		500	90
124-48-1	Dibromochloromethane	ND		500	160
75-71-8	Dichlorodifluoromethane	ND		500	340
100-41-4	Ethylbenzene	ND		500	370
98-82-8	Isopropylbenzene	ND		500	400

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-16S Lab Sample ID: 480-112525-6
 Matrix: Water Lab File ID: P22195.D
 Analysis Method: 8260C Date Collected: 01/19/2017 13:40
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 02:27
 Soil Aliquot Vol: _____ Dilution Factor: 500
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1300	650
1634-04-4	Methyl tert-butyl ether	ND		500	80
108-87-2	Methylcyclohexane	ND		500	80
75-09-2	Methylene Chloride	ND		500	220
100-42-5	Styrene	ND		500	370
127-18-4	Tetrachloroethene	ND		500	180
108-88-3	Toluene	400	J	500	260
156-60-5	trans-1,2-Dichloroethene	ND		500	450
10061-02-6	trans-1,3-Dichloropropene	ND		500	190
79-01-6	Trichloroethene	ND		500	230
75-69-4	Trichlorofluoromethane	ND		500	440
75-01-4	Vinyl chloride	66000	E	500	450
1330-20-7	Xylenes, Total	ND		1000	330

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22195.D
 Lims ID: 480-112525-A-6
 Client ID: MW-16S
 Sample Type: Client
 Inject. Date: 25-Jan-2017 02:27:30 ALS Bottle#: 39 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 500.0000
 Sample Info: 480-112525-a-6
 Misc. Info.: 480-0059986-013
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 09:33:49 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: farrellr

Date: 25-Jan-2017 09:33:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	98	254726	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.758	-0.001	88	514907	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.745	0.005	98	537407	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.450	-0.006	0	213287	25.3	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.793	0.006	94	1076026	25.2	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	309082	24.9	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.291				ND	
17 Vinyl chloride	62	4.535	4.510	0.025	98	1782684	131.9	E
12 Bromomethane	94		5.070				ND	
13 Chloroethane	64	5.210	5.198	0.012	98	33339	3.70	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.232				ND	
25 1,1-Dichloroethene	96	6.287	6.281	0.006	93	4136	0.2903	
24 Acetone	43		6.311				ND	
27 Carbon disulfide	76		6.664				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96	7.230	7.217	0.013	91	3922	0.2468	
40 1,1-Dichloroethane	63	7.747	7.741	0.006	96	58704	2.02	
44 2-Butanone (MEK)	43		8.385				ND	
43 cis-1,2-Dichloroethene	96	8.453	8.440	0.012	82	1040867	57.2	
49 Chloroform	83	8.793	8.793	0.000	1	2497	0.0853	7
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.261				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.439				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92	11.890	11.884	0.006	98	31327	0.8083	
78 trans-1,3-Dichloropropene	75		12.139				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.861				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.572				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.424				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.267				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22195.D

Injection Date: 25-Jan-2017 02:27:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: 480-112525-A-6

Lab Sample ID: 480-112525-6

Worklist Smp#: 13

Client ID: MW-16S

Purge Vol: 5.000 mL

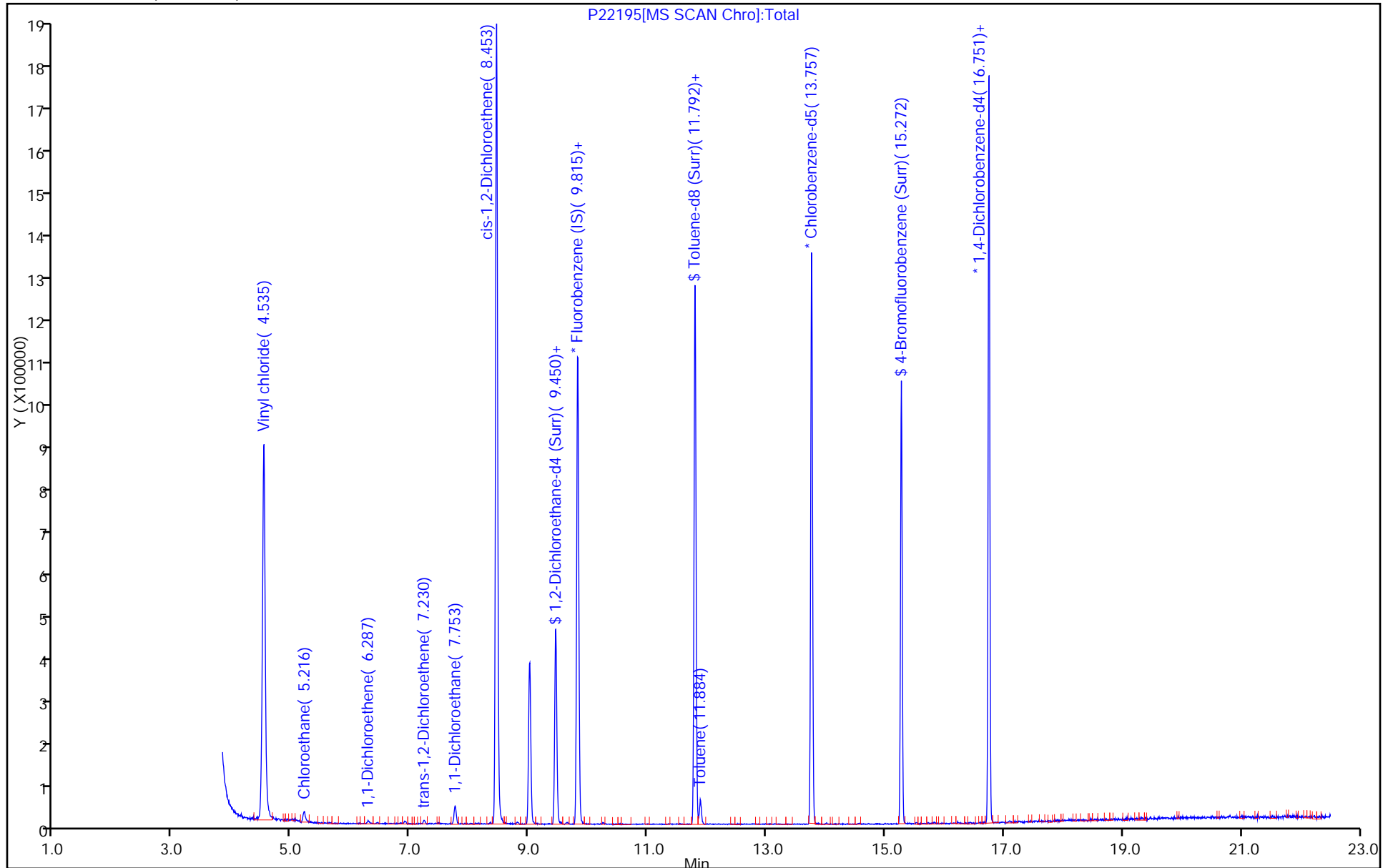
Dil. Factor: 500.0000

ALS Bottle#: 39

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22195.D

Injection Date: 25-Jan-2017 02:27:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-6

Lab Sample ID: 480-112525-6

Client ID: MW-16S

Operator ID: SO

ALS Bottle#: 39

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 500.0000

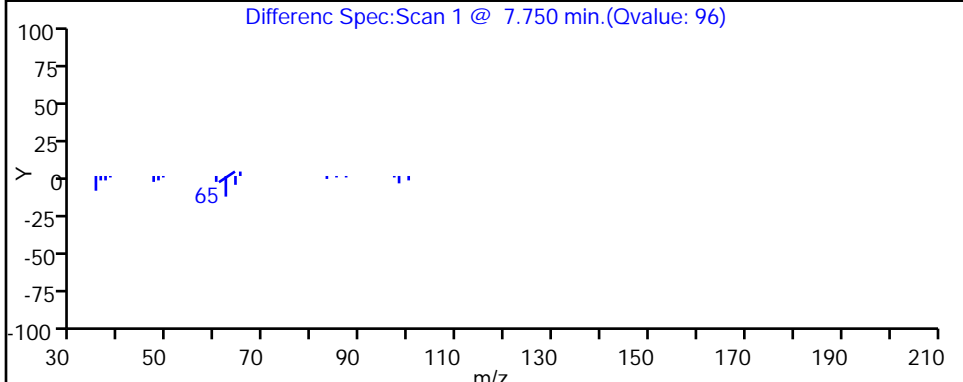
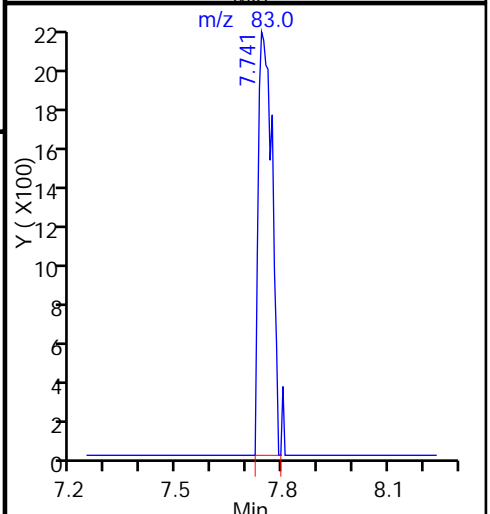
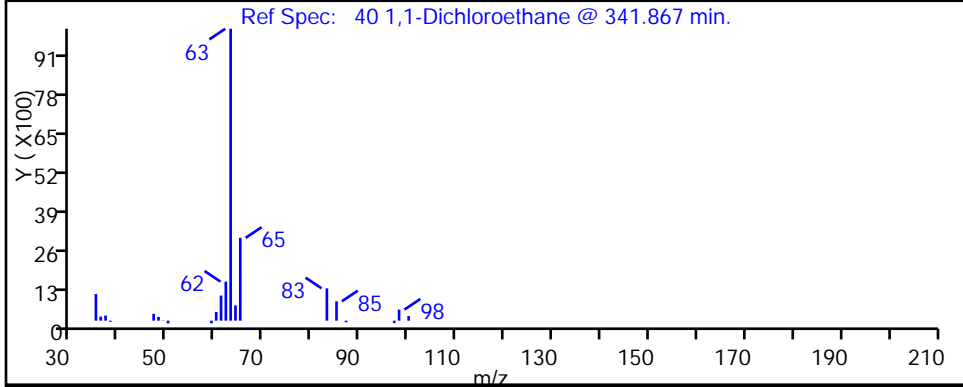
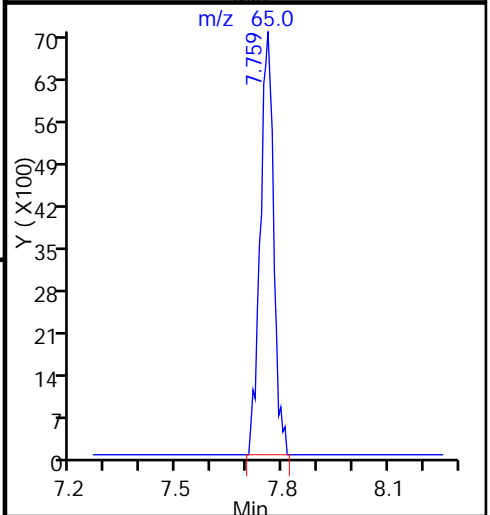
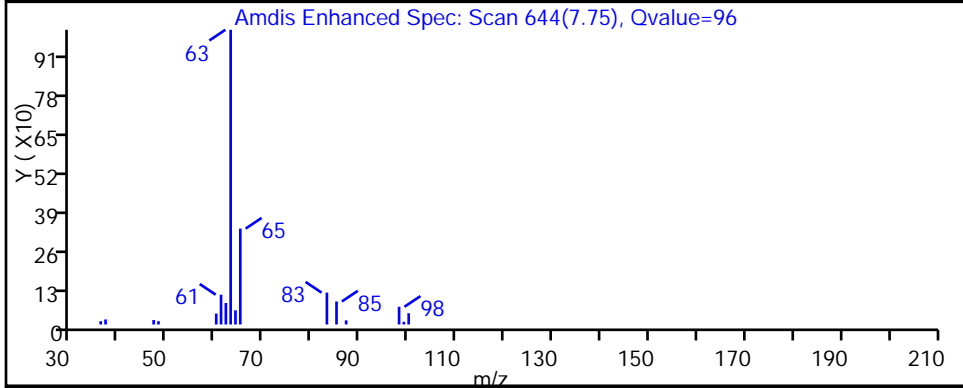
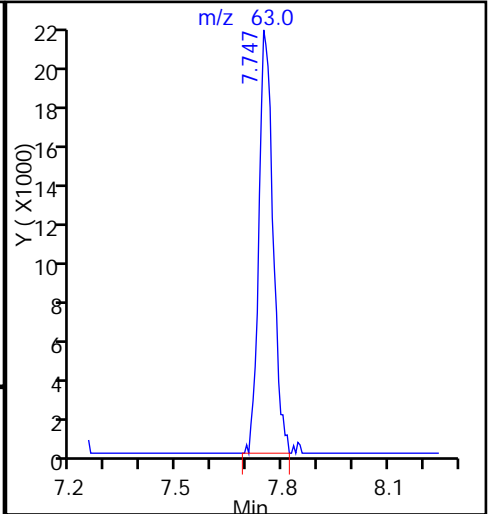
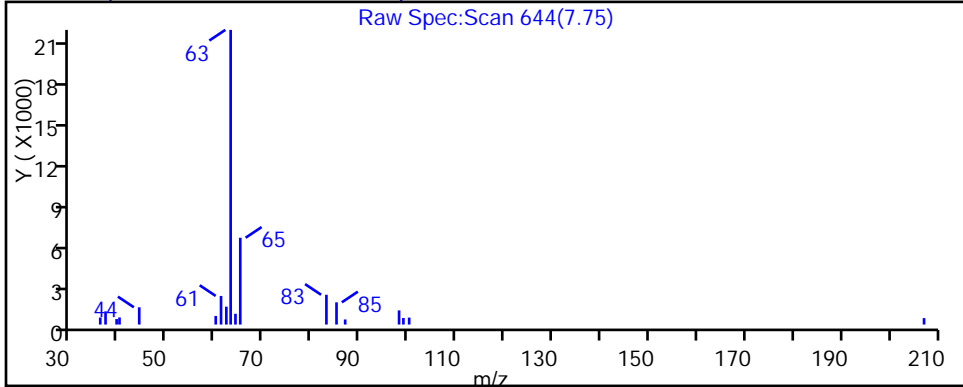
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

40 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22195.D

Injection Date: 25-Jan-2017 02:27:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-6

Lab Sample ID: 480-112525-6

Client ID: MW-16S

Operator ID: SO

ALS Bottle#: 39

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 500.0000

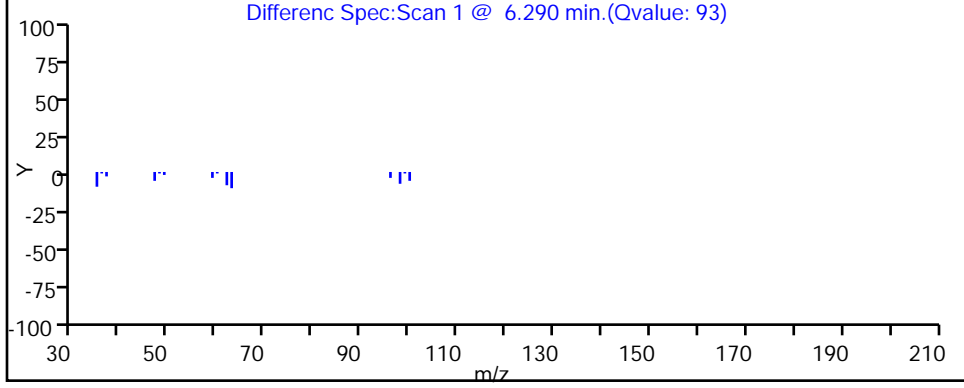
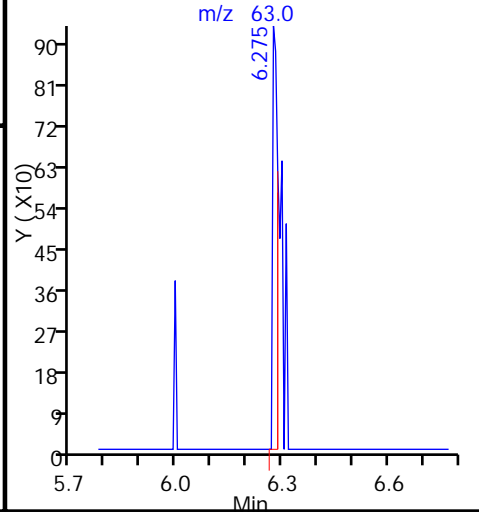
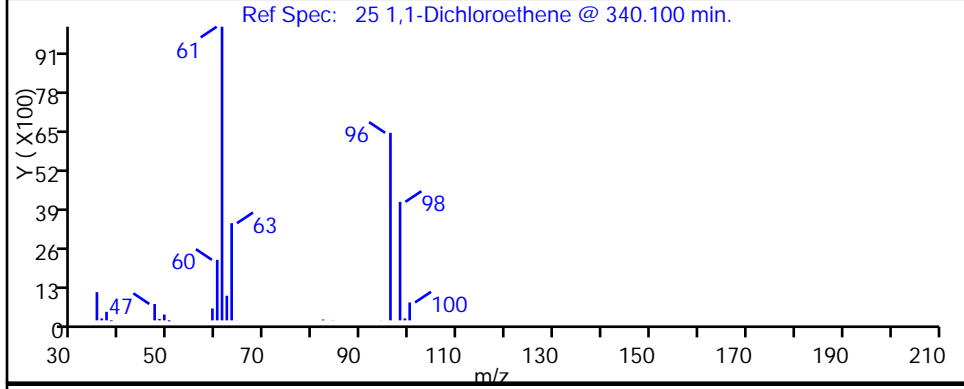
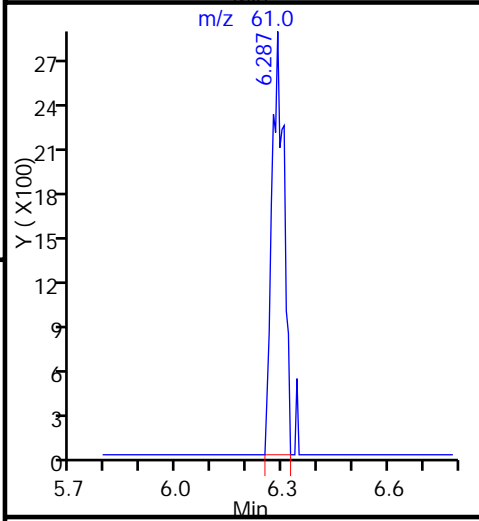
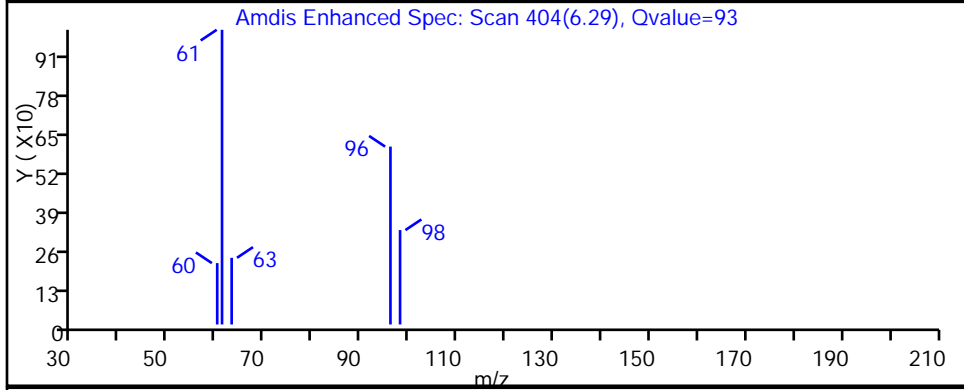
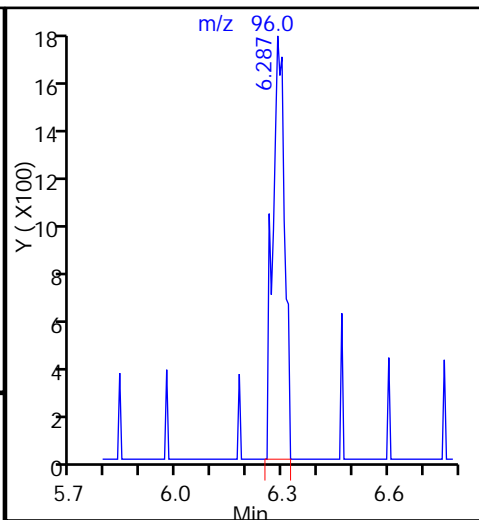
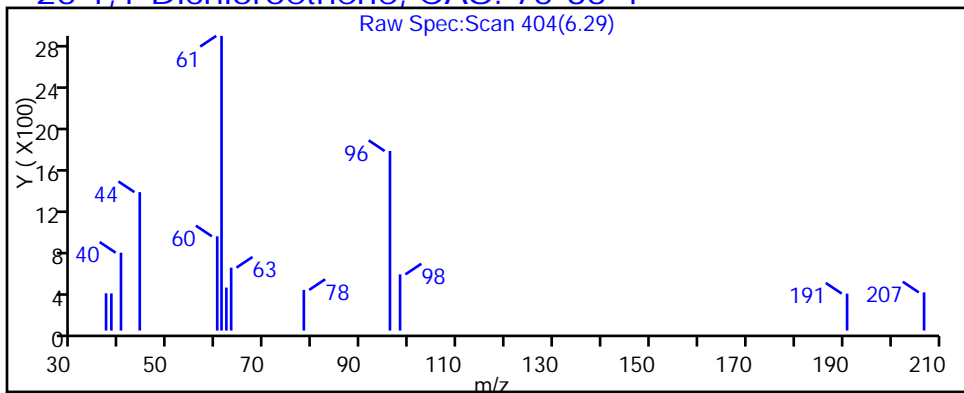
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

25 1,1-Dichloroethene, CAS: 75-35-4



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22195.D

Injection Date: 25-Jan-2017 02:27:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-6

Lab Sample ID: 480-112525-6

Client ID: MW-16S

Operator ID: SO

ALS Bottle#: 39

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 500.0000

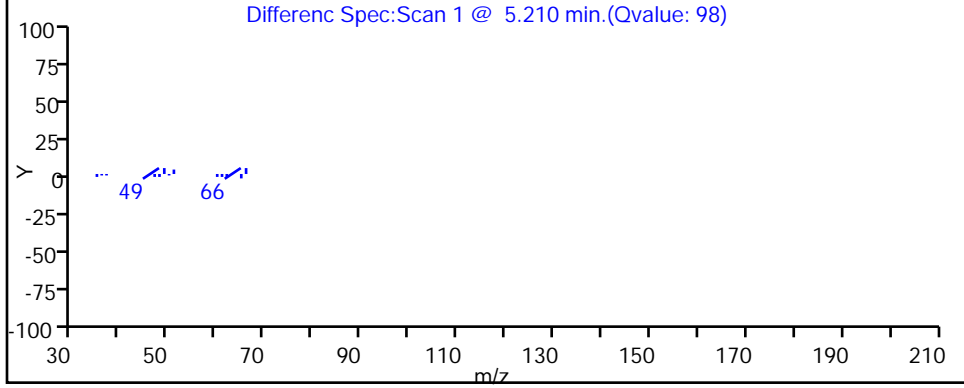
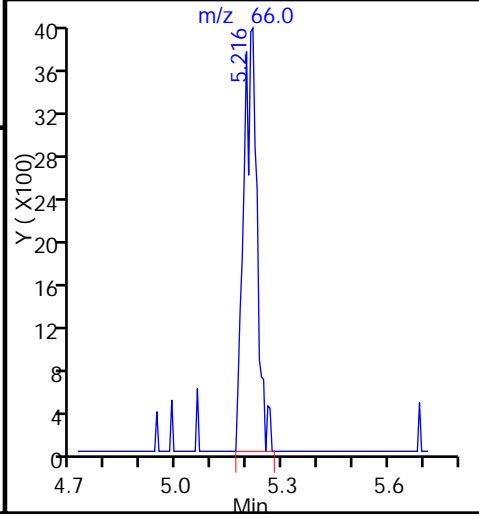
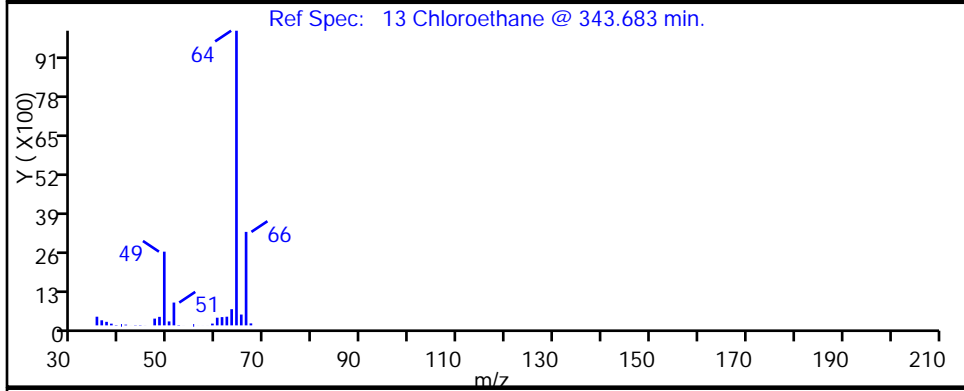
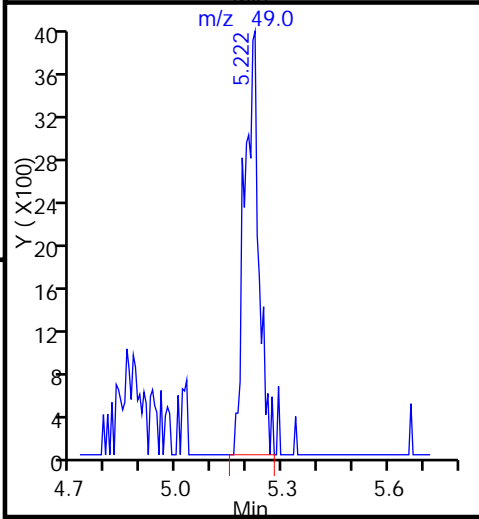
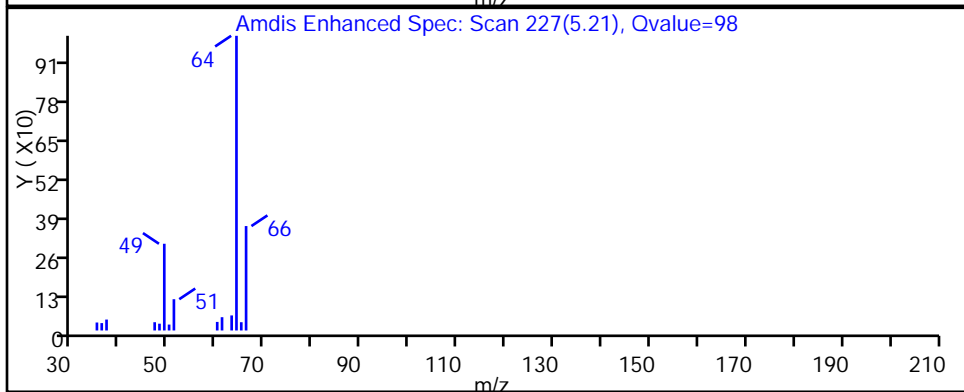
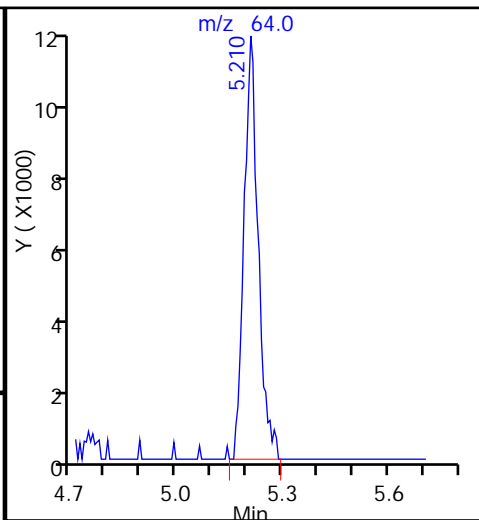
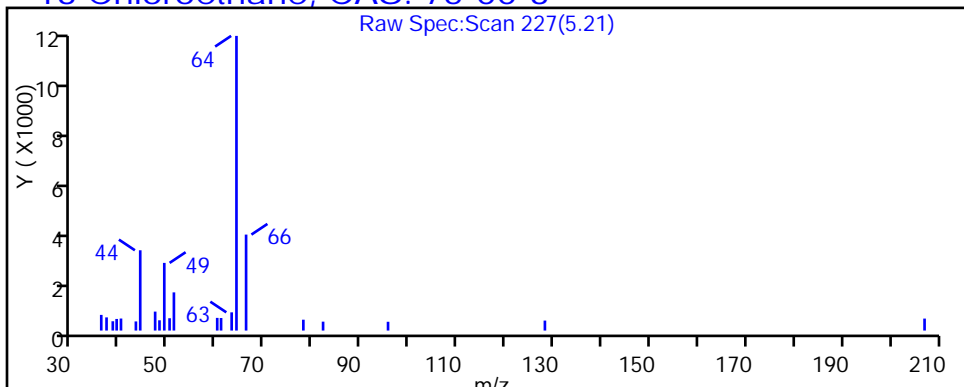
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22195.D

Injection Date: 25-Jan-2017 02:27:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-6

Lab Sample ID: 480-112525-6

Client ID: MW-16S

Operator ID: SO

ALS Bottle#: 39

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 500.0000

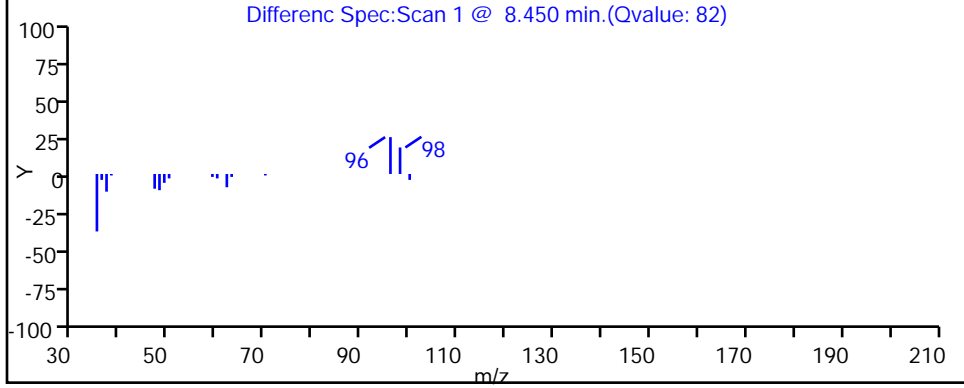
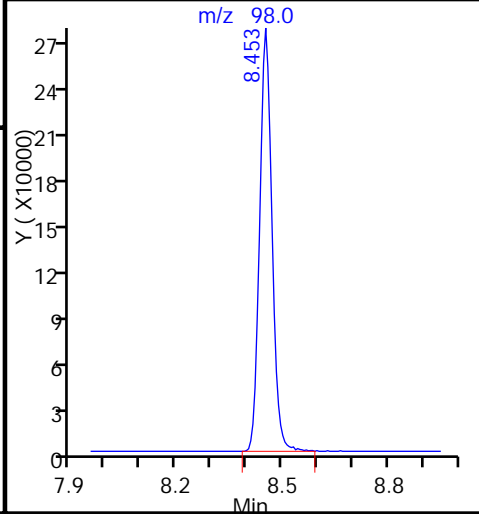
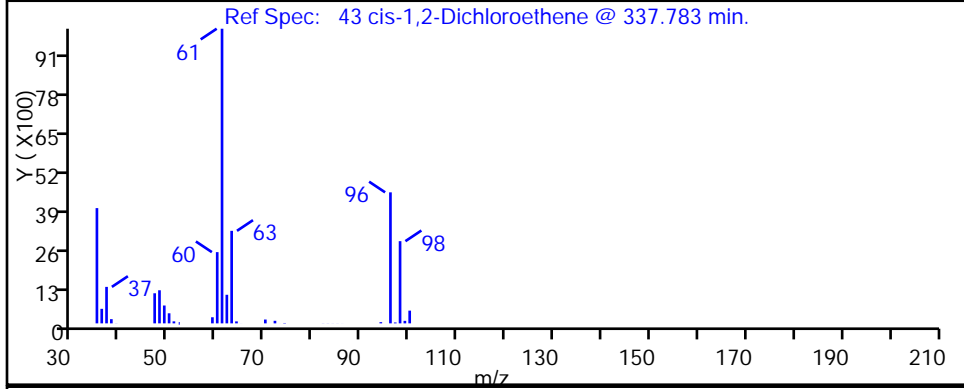
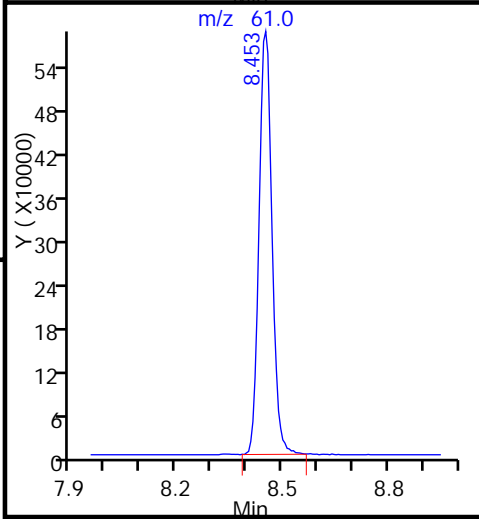
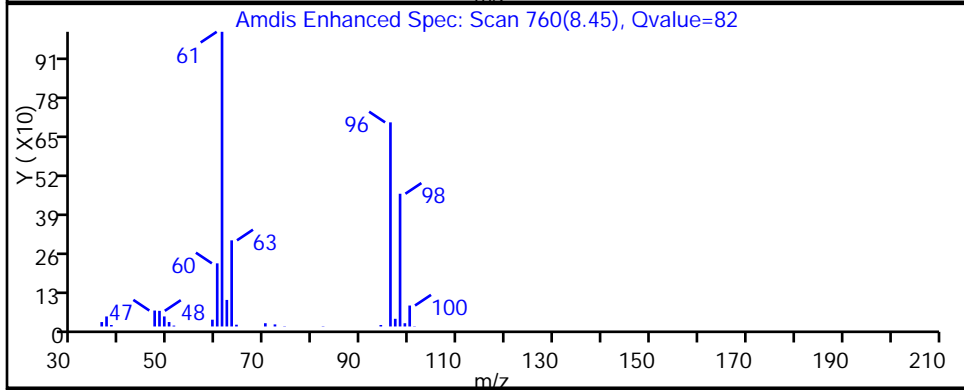
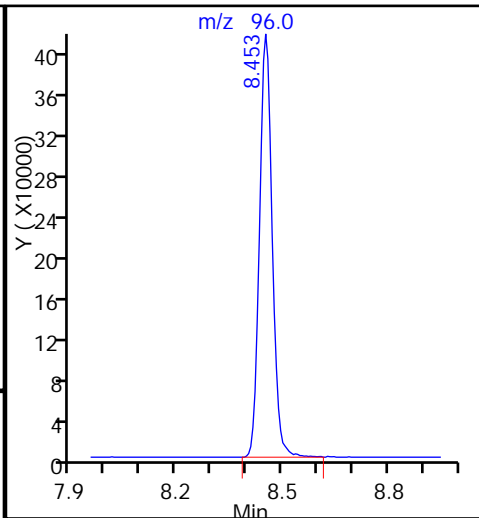
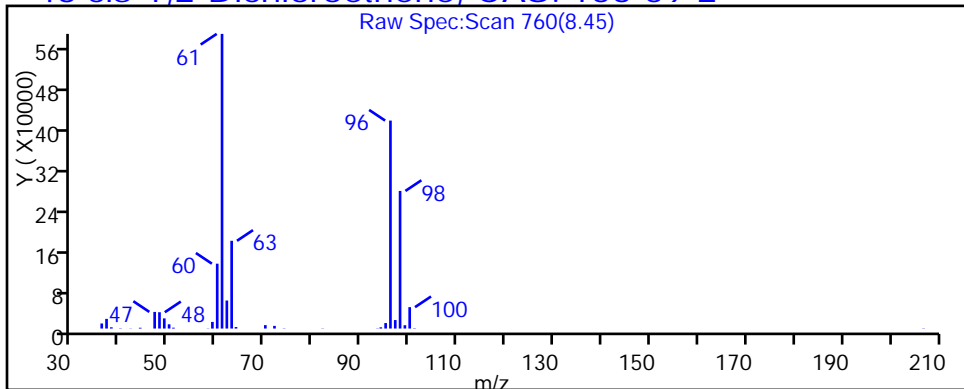
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22195.D

Injection Date: 25-Jan-2017 02:27:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-6

Lab Sample ID: 480-112525-6

Client ID: MW-16S

Operator ID: SO

ALS Bottle#: 39

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 500.0000

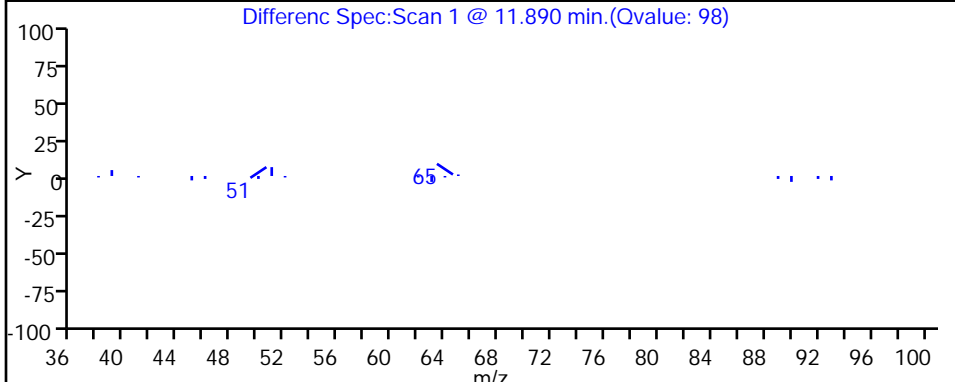
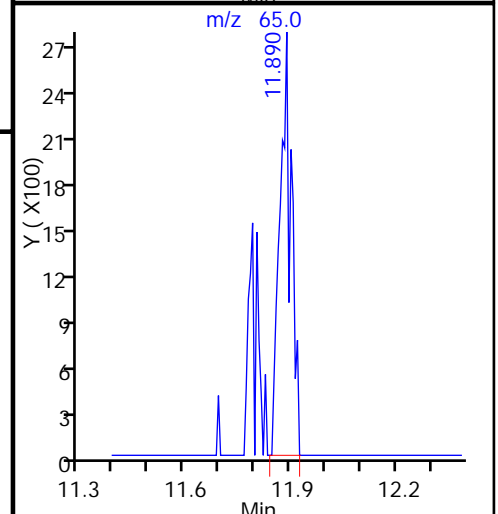
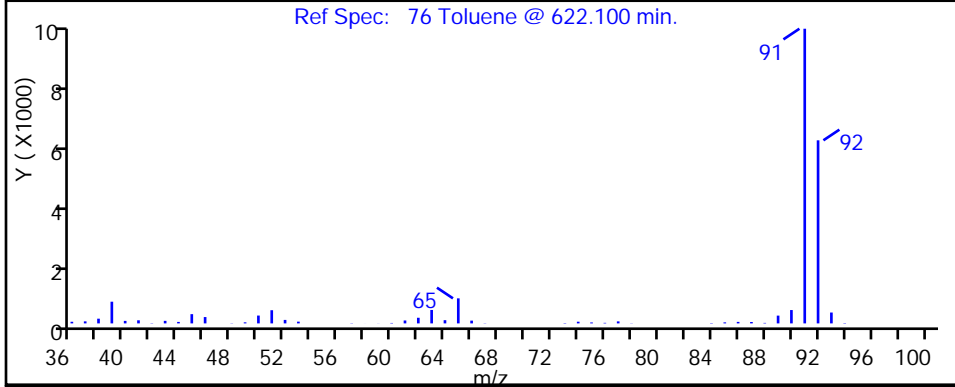
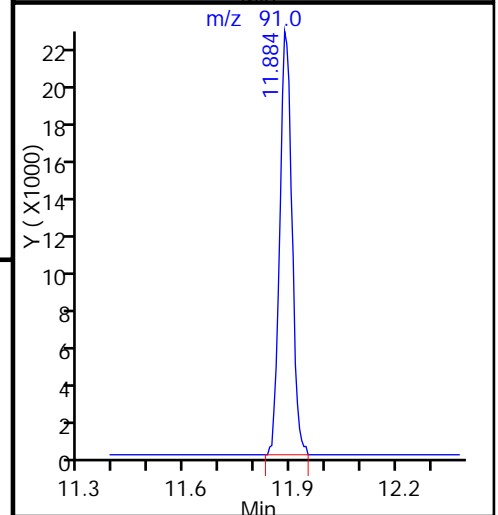
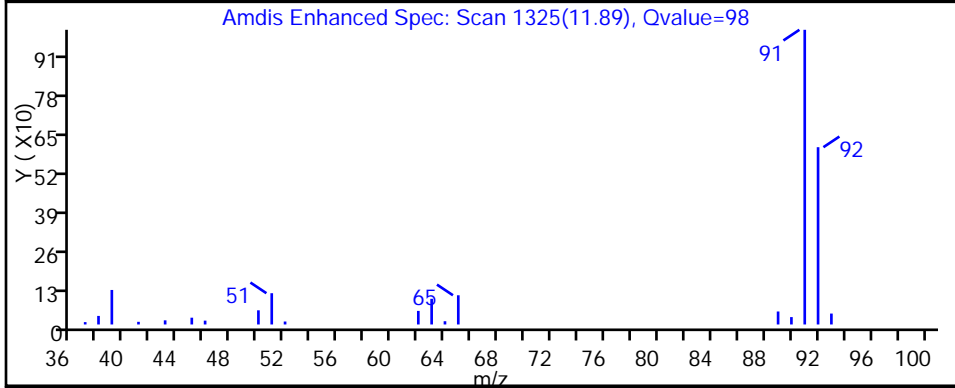
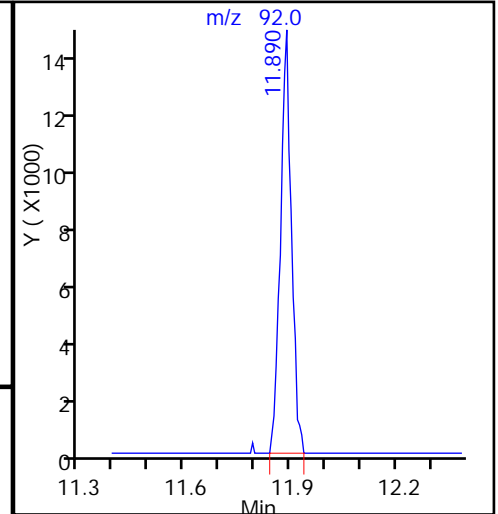
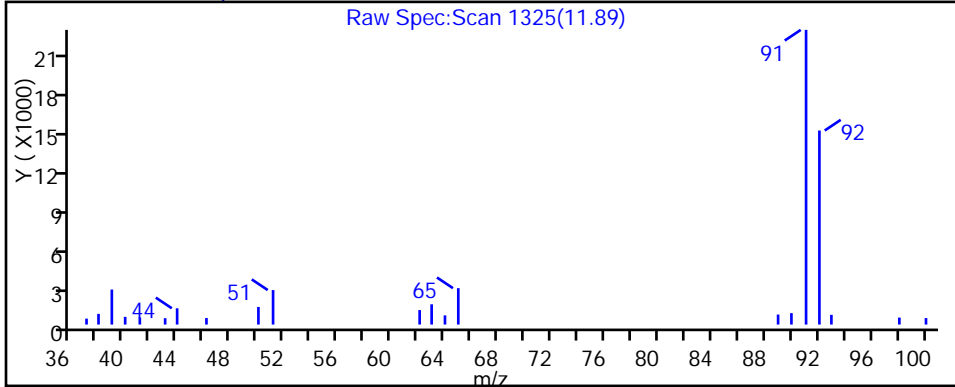
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

76 Toluene, CAS: 108-88-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22195.D

Injection Date: 25-Jan-2017 02:27:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-6

Lab Sample ID: 480-112525-6

Client ID: MW-16S

Operator ID: SO

ALS Bottle#: 39

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 500.0000

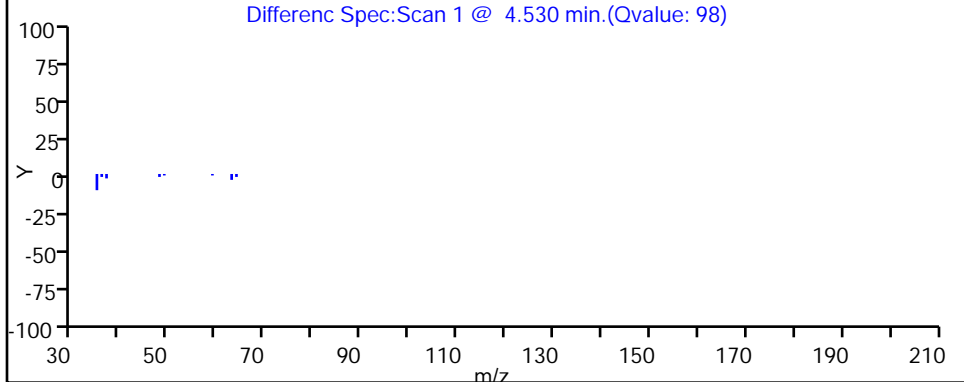
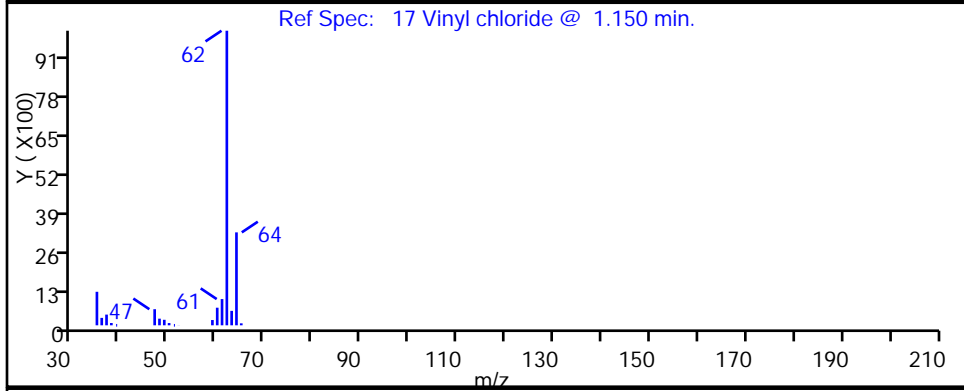
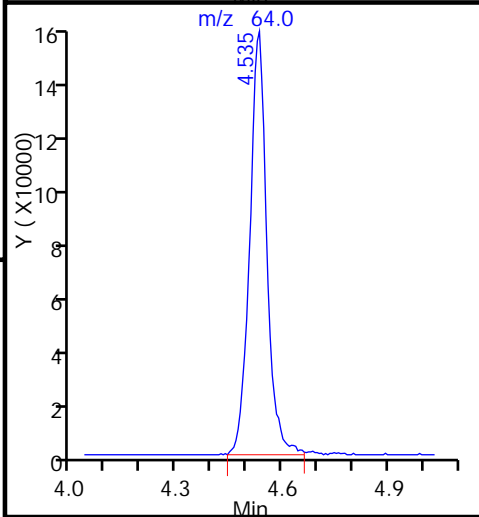
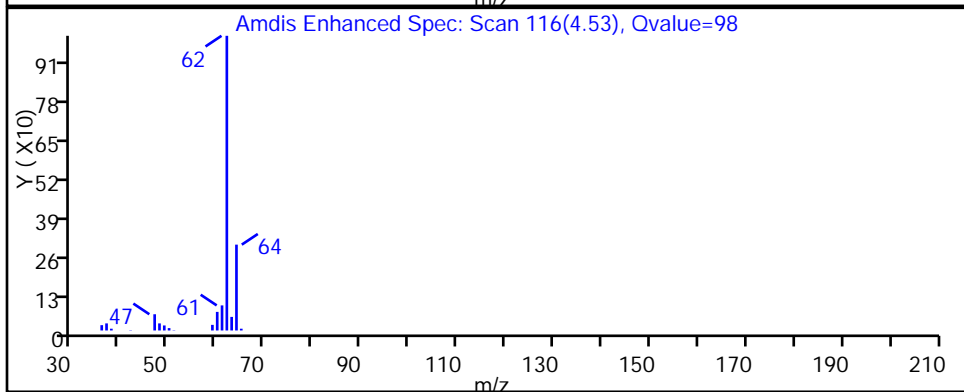
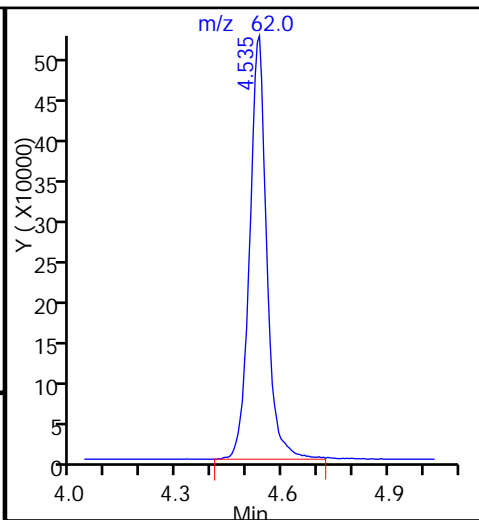
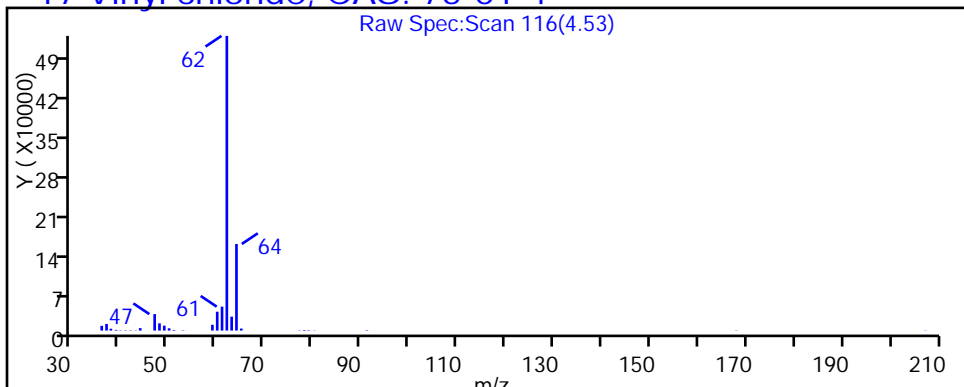
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-16S DL Lab Sample ID: 480-112525-6 DL
 Matrix: Water Lab File ID: P22215.D
 Analysis Method: 8260C Date Collected: 01/19/2017 13:40
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 12:05
 Soil Aliquot Vol: _____ Dilution Factor: 1000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341308 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1000	820
79-34-5	1,1,2,2-Tetrachloroethane	ND		1000	210
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	310
79-00-5	1,1,2-Trichloroethane	ND		1000	230
75-34-3	1,1-Dichloroethane	1000		1000	380
75-35-4	1,1-Dichloroethene	ND		1000	290
120-82-1	1,2,4-Trichlorobenzene	ND		1000	410
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1000	390
106-93-4	1,2-Dibromoethane	ND		1000	730
95-50-1	1,2-Dichlorobenzene	ND		1000	790
107-06-2	1,2-Dichloroethane	ND		1000	210
78-87-5	1,2-Dichloropropane	ND		1000	720
541-73-1	1,3-Dichlorobenzene	ND		1000	780
106-46-7	1,4-Dichlorobenzene	ND		1000	840
78-93-3	2-Butanone (MEK)	ND		10000	1300
591-78-6	2-Hexanone	ND		5000	1200
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5000	2100
67-64-1	Acetone	ND		10000	3000
71-43-2	Benzene	ND		1000	410
75-27-4	Bromodichloromethane	ND		1000	390
75-25-2	Bromoform	ND		1000	260
74-83-9	Bromomethane	ND		1000	690
75-15-0	Carbon disulfide	ND		1000	190
56-23-5	Carbon tetrachloride	ND		1000	270
108-90-7	Chlorobenzene	ND		1000	750
75-00-3	Chloroethane	1700		1000	320
67-66-3	Chloroform	ND		1000	340
74-87-3	Chloromethane	ND		1000	350
156-59-2	cis-1,2-Dichloroethene	29000		1000	810
10061-01-5	cis-1,3-Dichloropropene	ND		1000	360
110-82-7	Cyclohexane	ND		1000	180
124-48-1	Dibromochloromethane	ND		1000	320
75-71-8	Dichlorodifluoromethane	ND		1000	680
100-41-4	Ethylbenzene	ND		1000	740
98-82-8	Isopropylbenzene	ND		1000	790

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-16S DL Lab Sample ID: 480-112525-6 DL
 Matrix: Water Lab File ID: P22215.D
 Analysis Method: 8260C Date Collected: 01/19/2017 13:40
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 12:05
 Soil Aliquot Vol: _____ Dilution Factor: 1000
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341308 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2500	1300
1634-04-4	Methyl tert-butyl ether	ND		1000	160
108-87-2	Methylcyclohexane	ND		1000	160
75-09-2	Methylene Chloride	ND		1000	440
100-42-5	Styrene	ND		1000	730
127-18-4	Tetrachloroethene	ND		1000	360
108-88-3	Toluene	ND		1000	510
156-60-5	trans-1,2-Dichloroethene	ND		1000	900
10061-02-6	trans-1,3-Dichloropropene	ND		1000	370
79-01-6	Trichloroethene	ND		1000	460
75-69-4	Trichlorofluoromethane	ND		1000	880
75-01-4	Vinyl chloride	72000		1000	900
1330-20-7	Xylenes, Total	ND		2000	660

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22215.D
 Lims ID: 480-112525-B-6
 Client ID: MW-16S
 Sample Type: Client
 Inject. Date: 25-Jan-2017 12:05:30 ALS Bottle#: 1 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1000.0000
 Sample Info: 480-112525-b-6
 Misc. Info.: 480-0059990-007
 Operator ID: RF Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 18:15:00 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK006

First Level Reviewer: reiler

Date: 25-Jan-2017 18:15:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.809	9.815	-0.006	98	266952	25.0	
* 2 Chlorobenzene-d5	82	13.758	13.758	0.000	88	559845	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.745	16.745	0.000	98	555207	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.444	0.000	0	227047	25.7	
\$ 5 Toluene-d8 (Surr)	98	11.793	11.799	-0.006	94	1141693	24.6	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	330330	24.5	
10 Dichlorodifluoromethane	85		3.999				ND	
11 Chloromethane	50		4.291				ND	
17 Vinyl chloride	62	4.529	4.516	0.013	98	1017959	71.9	
12 Bromomethane	94		5.070				ND	
13 Chloroethane	64	5.204	5.210	-0.006	94	15656	1.66	
14 Trichlorofluoromethane	101		5.605				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238				ND	
25 1,1-Dichloroethene	96	6.287	6.281	0.006	72	2399	0.1607	
24 Acetone	43	6.323	6.311	0.012	32	1763	0.1800	7M
27 Carbon disulfide	76	6.658	6.664	-0.006	71	4992	0.1057	7M
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.163				ND	
35 trans-1,2-Dichloroethene	96	7.212	7.224	-0.012	29	2977	0.1788	
40 1,1-Dichloroethane	63	7.747	7.747	0.000	95	30546	1.01	
44 2-Butanone (MEK)	43		8.392				ND	
43 cis-1,2-Dichloroethene	96	8.447	8.446	0.001	83	547744	28.7	
49 Chloroform	83	8.799	8.799	0.000	39	3249	0.1060	7
52 1,1,1-Trichloroethane	97		9.061				ND	
54 Cyclohexane	56	9.146	9.128	0.018	1	1735	0.0543	7M
55 Carbon tetrachloride	117		9.268				ND	
57 Benzene	78	9.511	9.517	-0.006	1	1963	0.0313	7
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95	10.253	10.265	-0.012	1	610	0.0350	7
64 Methylcyclohexane	83	10.515	10.503	0.012	2	2861	0.1186	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.439				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92	11.884	11.884	0.000	98	19949	0.4734	
78 trans-1,3-Dichloropropene	75		12.145				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166	12.638	12.632	0.006	3	1334	0.0853	7
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	M
89 Ethylbenzene	91	13.873	13.867	0.006	10	5298	0.0672	7
90 m-Xylene & p-Xylene	106	14.001	14.007	-0.006	0	3317	0.1139	7
93 o-Xylene	106	14.548	14.554	-0.006	1	1249	0.0426	7
94 Styrene	104	14.567	14.572	-0.005	1	1149	0.0252	7
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105	15.005	14.998	0.007	1	3915	0.0526	7
97 1,1,2,2-Tetrachloroethane	83		15.418				ND	
110 1,3-Dichlorobenzene	146	16.672	16.671	0.001	18	3113	0.0764	7
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	10	3469	0.0835	7
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180	19.324	19.312	0.012	1	2999	0.1079	7
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22215.D

Injection Date: 25-Jan-2017 12:05:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: 480-112525-B-6

Lab Sample ID: 480-112525-6

Worklist Smp#: 7

Client ID: MW-16S

Purge Vol: 5.000 mL

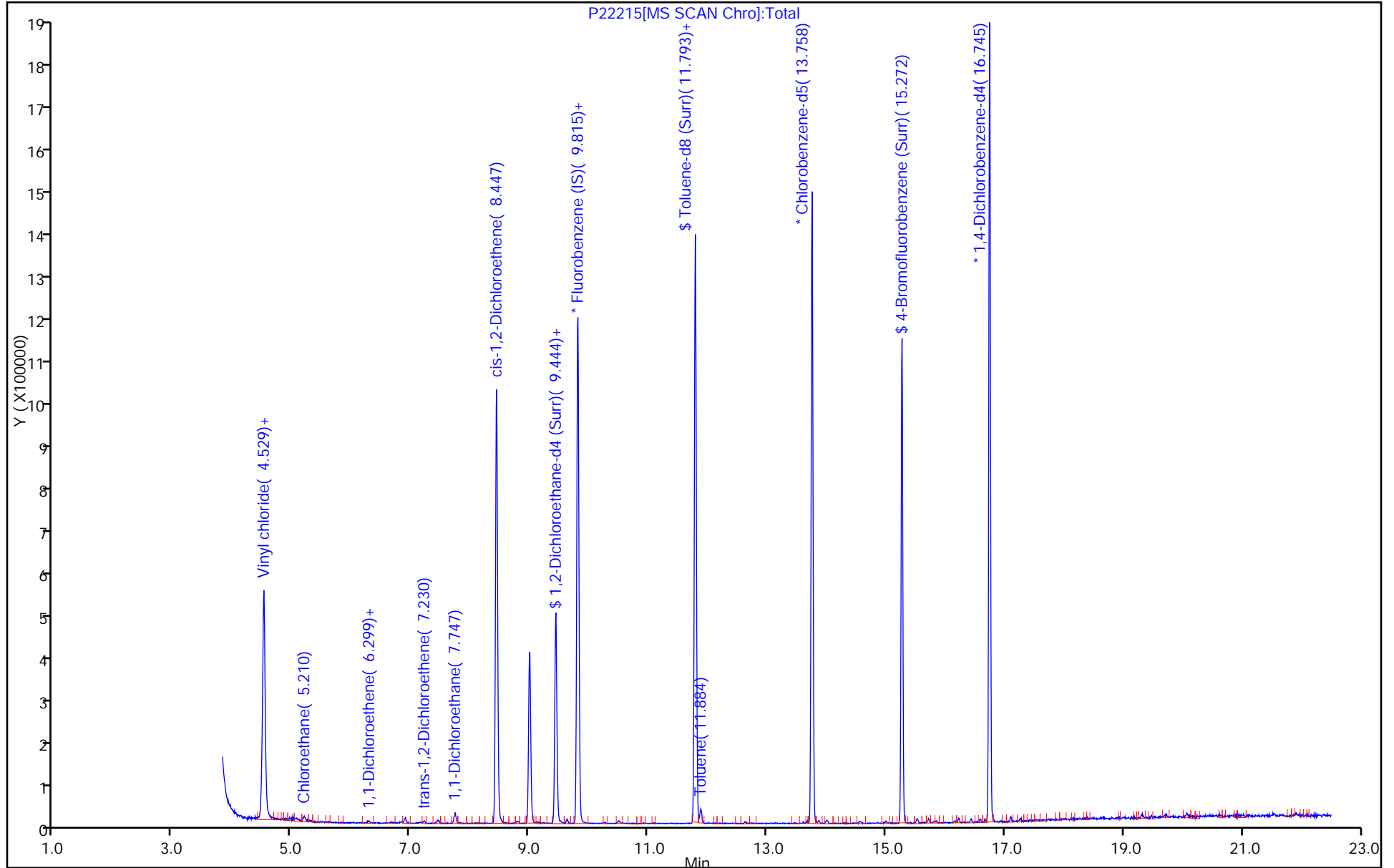
Dil. Factor: 1000.0000

ALS Bottle#: 1

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22215.D

Injection Date: 25-Jan-2017 12:05:30

Instrument ID: HP5973P

Lims ID: 480-112525-B-6

Lab Sample ID: 480-112525-6

Client ID: MW-16S

Operator ID: RF

ALS Bottle#: 1

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1000.0000

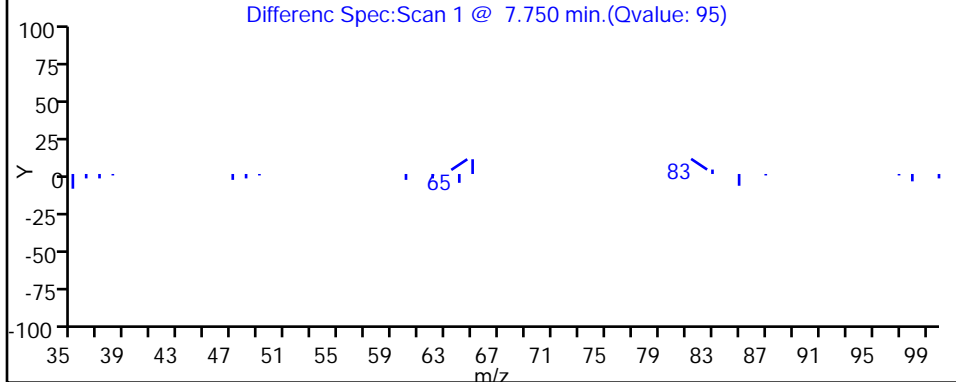
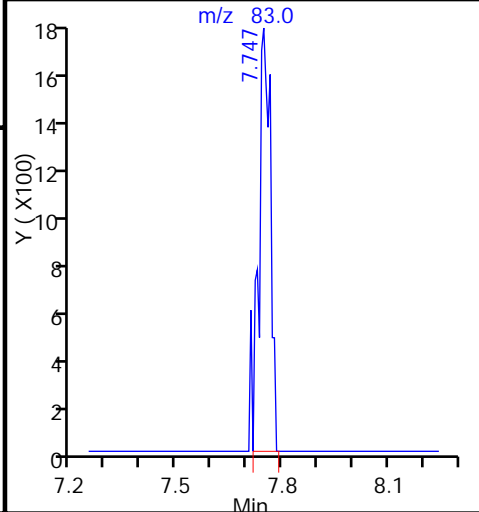
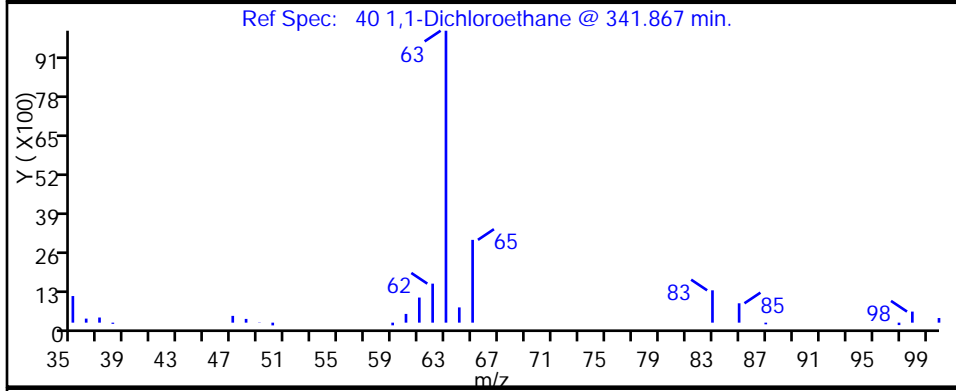
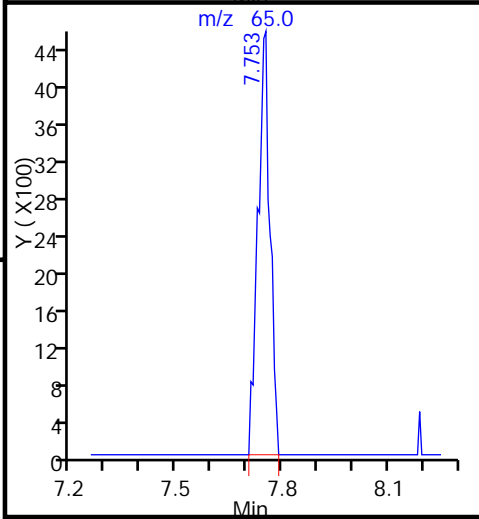
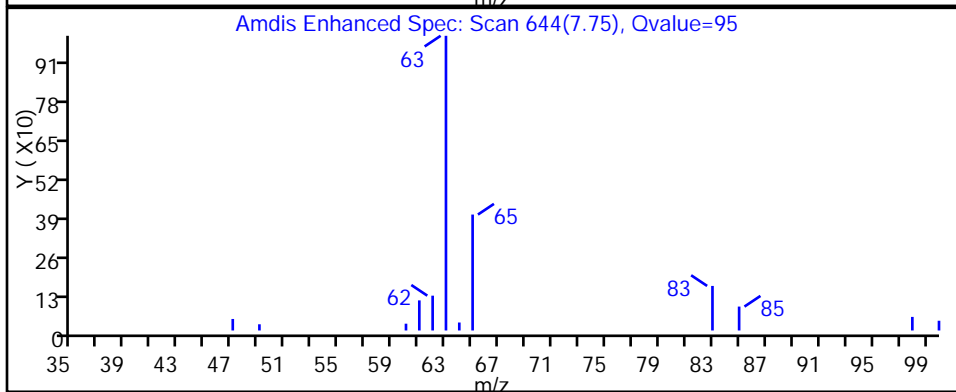
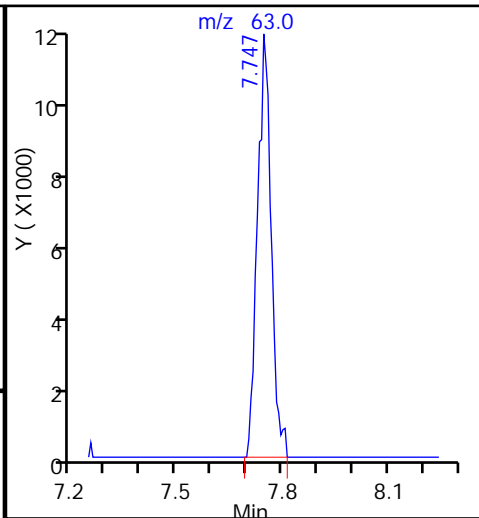
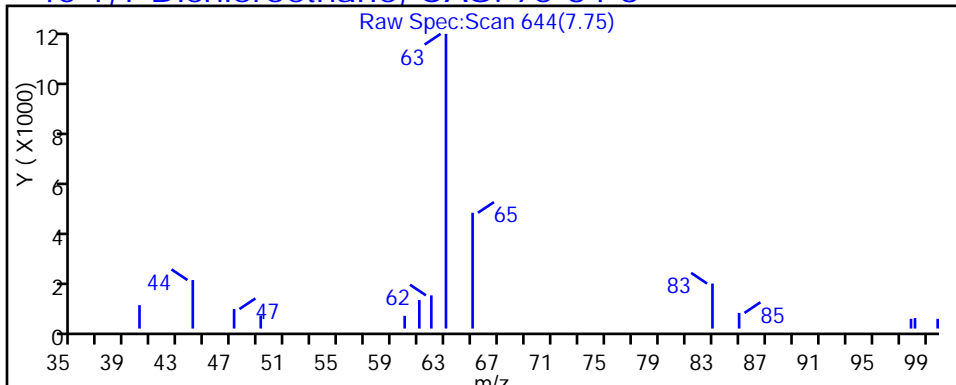
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

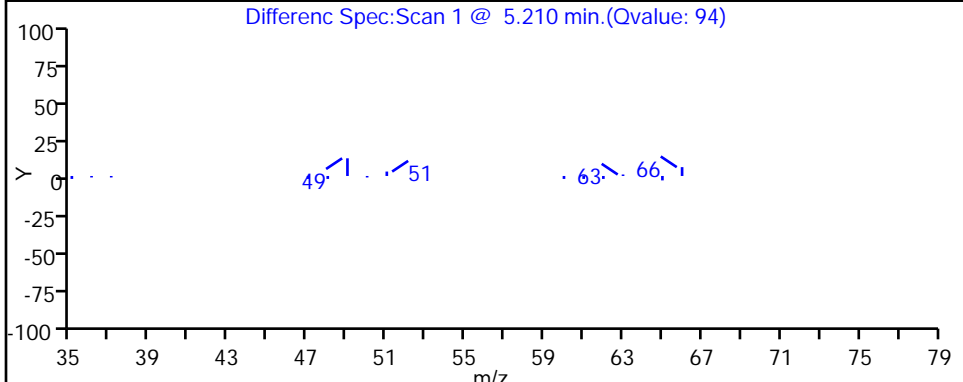
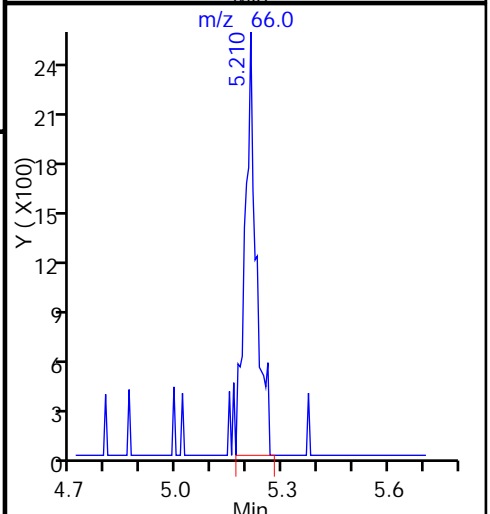
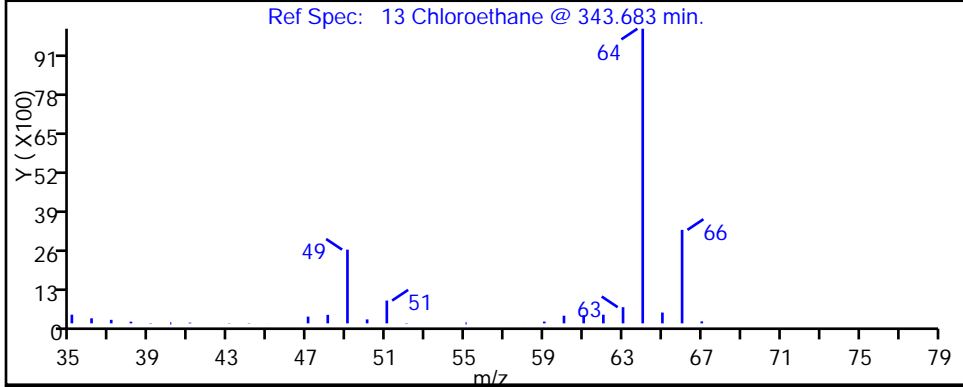
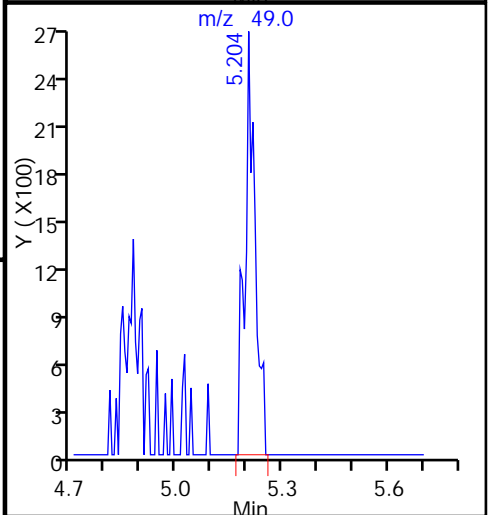
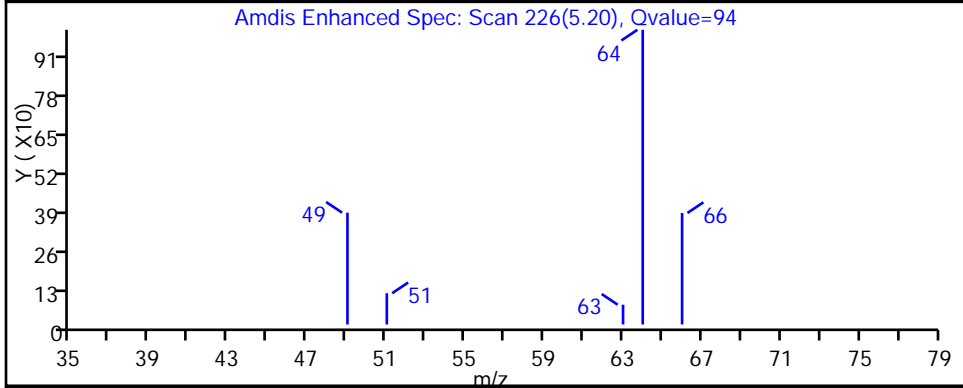
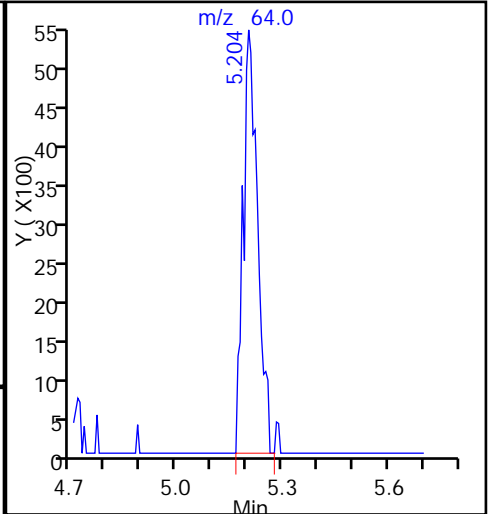
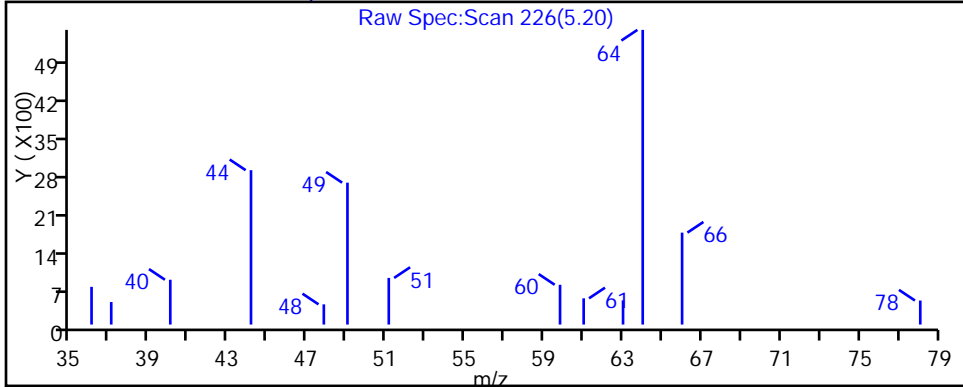
40 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22215.D
Injection Date: 25-Jan-2017 12:05:30 Instrument ID: HP5973P
Lims ID: 480-112525-B-6 Lab Sample ID: 480-112525-6
Client ID: MW-16S
Operator ID: RF ALS Bottle#: 1 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22215.D

Injection Date: 25-Jan-2017 12:05:30

Instrument ID: HP5973P

Lims ID: 480-112525-B-6

Lab Sample ID: 480-112525-6

Client ID: MW-16S

Operator ID: RF

ALS Bottle#: 1

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1000.0000

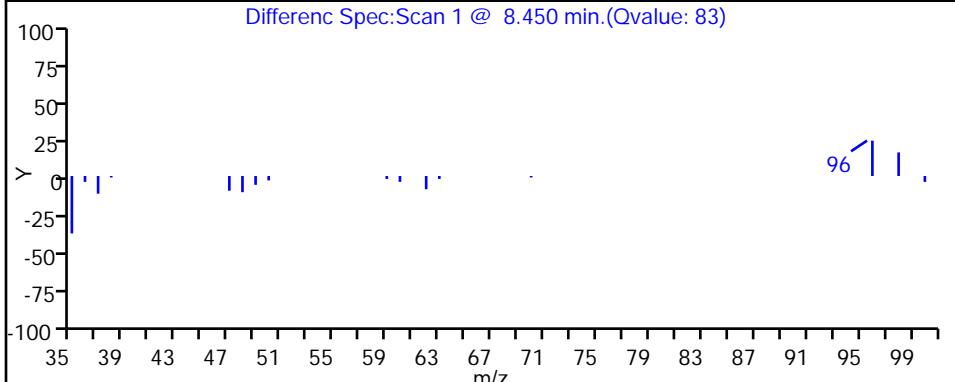
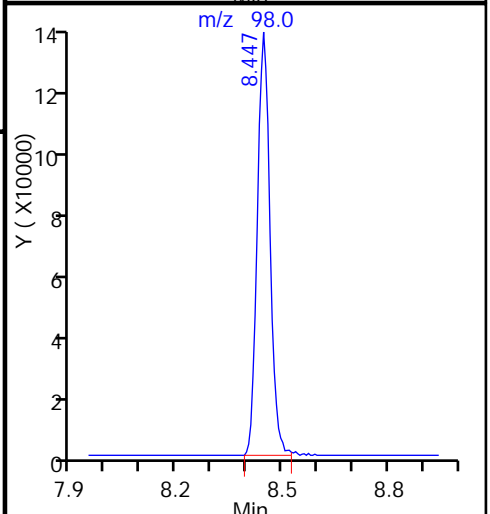
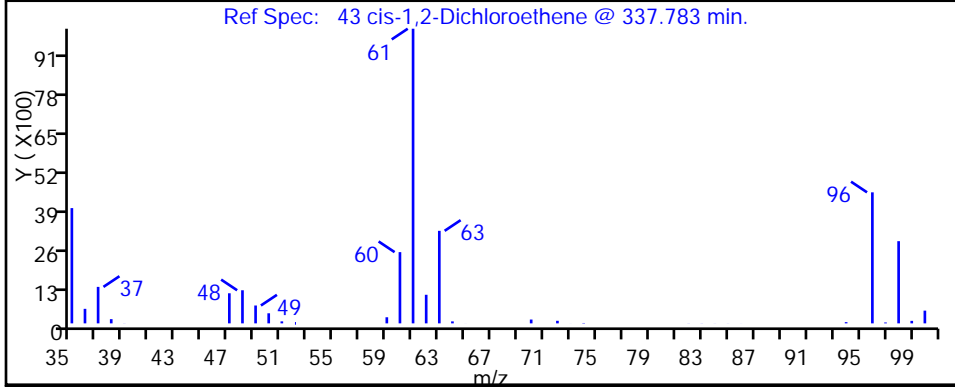
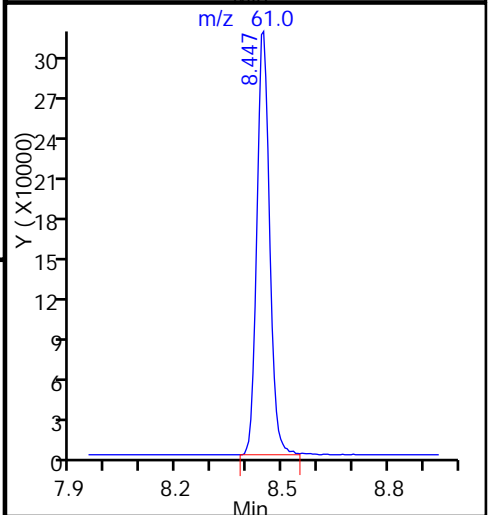
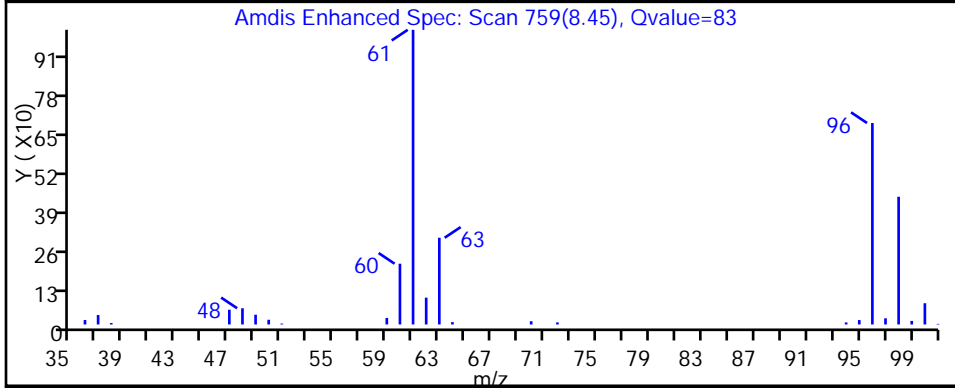
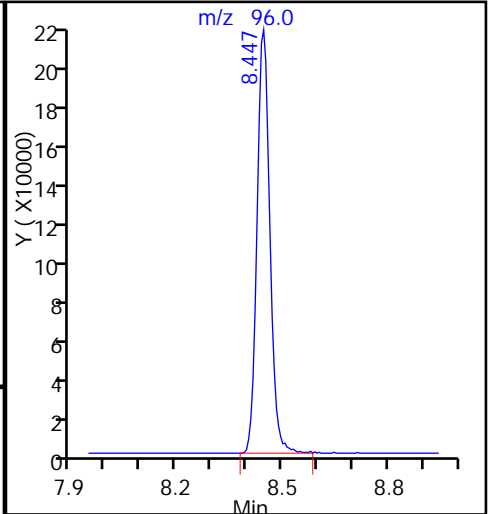
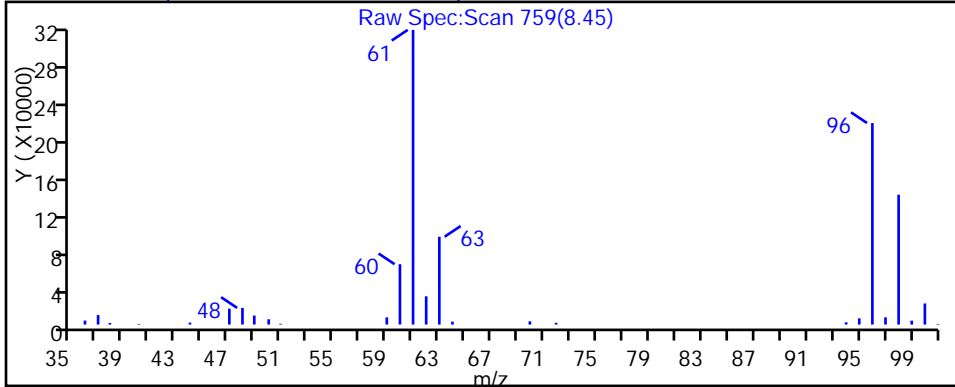
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

43 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22215.D

Injection Date: 25-Jan-2017 12:05:30

Instrument ID: HP5973P

Lims ID: 480-112525-B-6

Lab Sample ID: 480-112525-6

Client ID: MW-16S

Operator ID: RF

ALS Bottle#: 1

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1000.0000

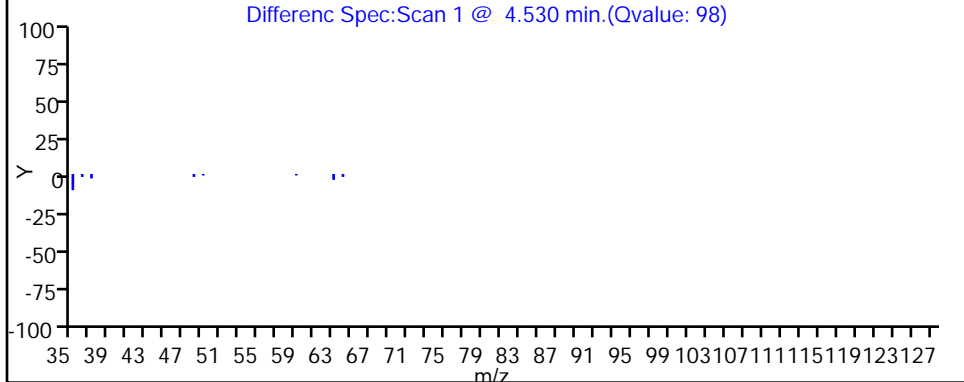
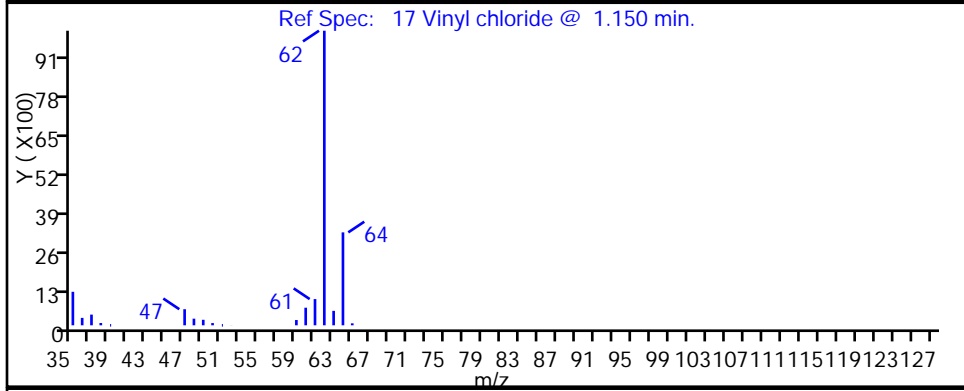
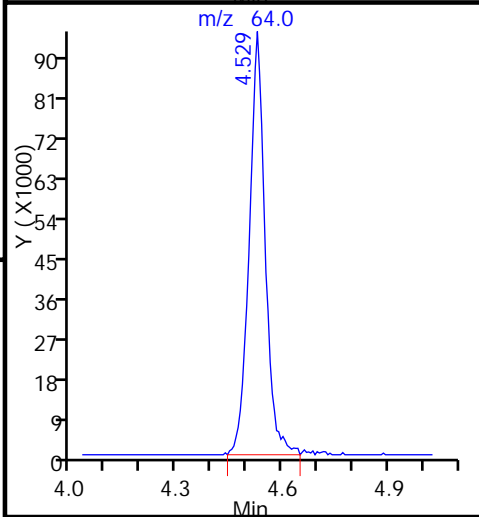
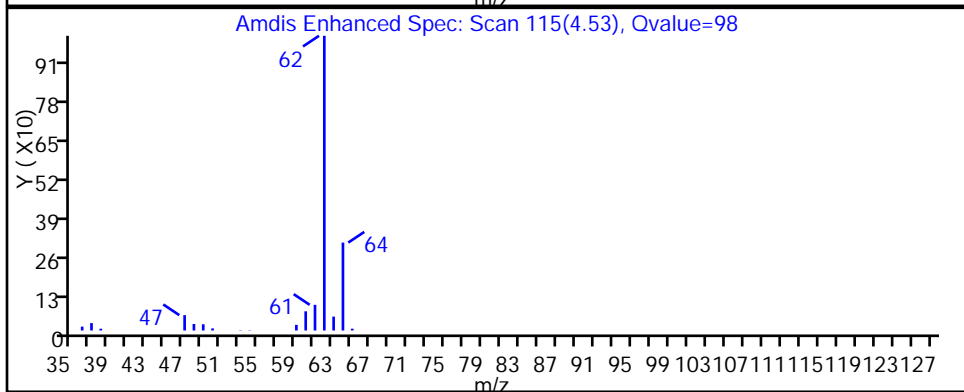
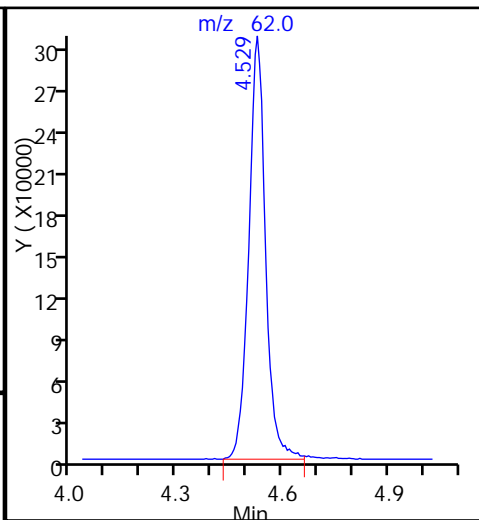
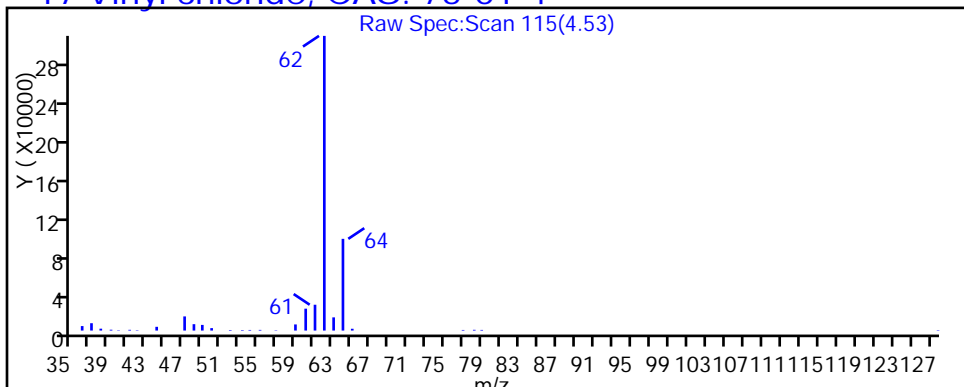
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4



TestAmerica Buffalo

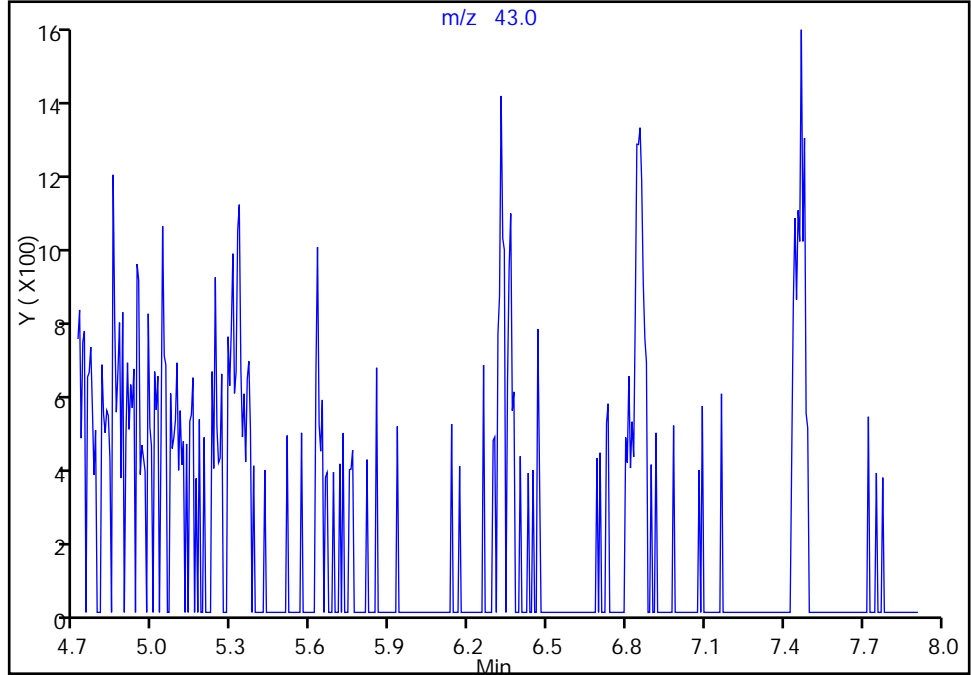
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Injection Date: 25-Jan-2017 12:05:30 Instrument ID: HP5973P
Lims ID: 480-112525-B-6 Lab Sample ID: 480-112525-6
Client ID: MW-16S
Operator ID: RF ALS Bottle#: 1 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

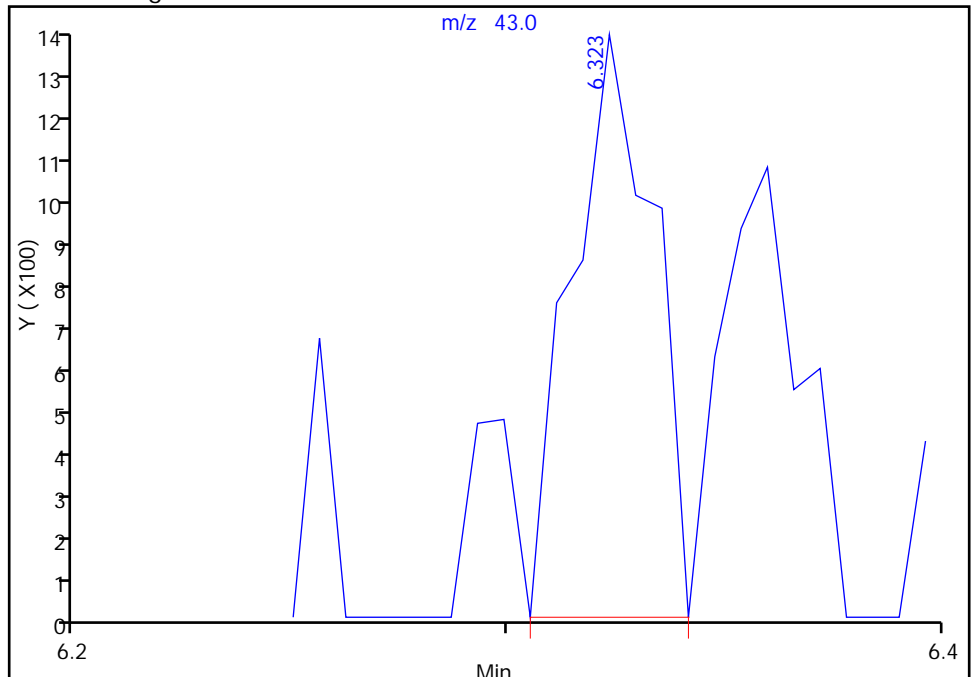
Signal: 1

Not Detected
Expected RT: 6.31

Processing Integration Results



Manual Integration Results



RT: 6.32
Area: 1763
Amount: 0.180026
Amount Units: ug/L

Reviewer: reiler, 25-Jan-2017 17:08:13
Audit Action: Assigned Compound ID

Audit Reason: Missed Peak

TestAmerica Buffalo

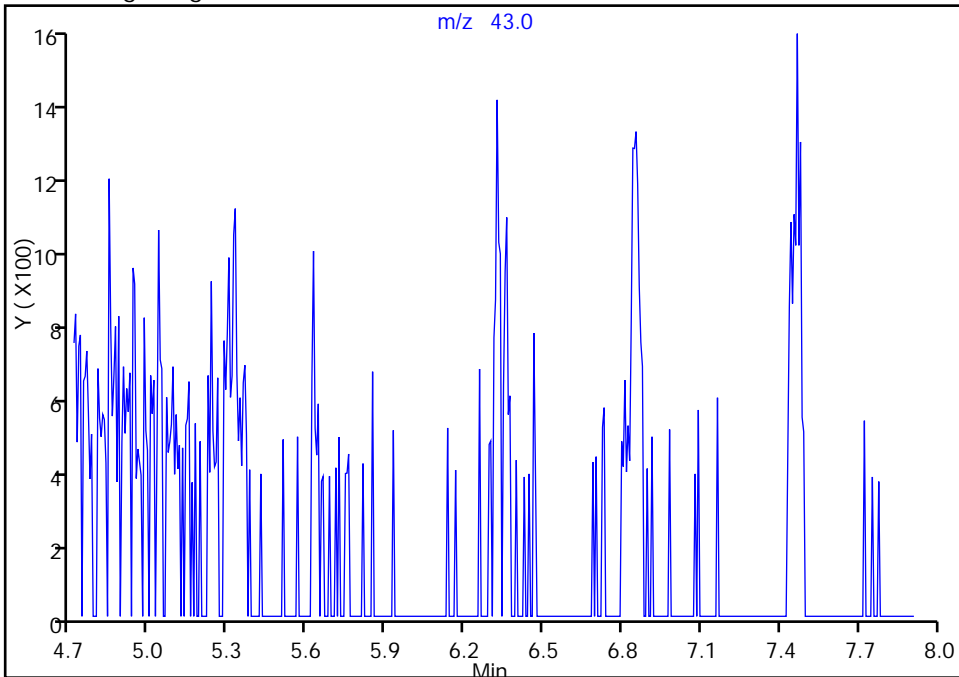
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22215.D
Injection Date: 25-Jan-2017 12:05:30 Instrument ID: HP5973P
Lims ID: 480-112525-B-6 Lab Sample ID: 480-112525-6
Client ID: MW-16S
Operator ID: RF ALS Bottle#: 1 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

Signal: 1

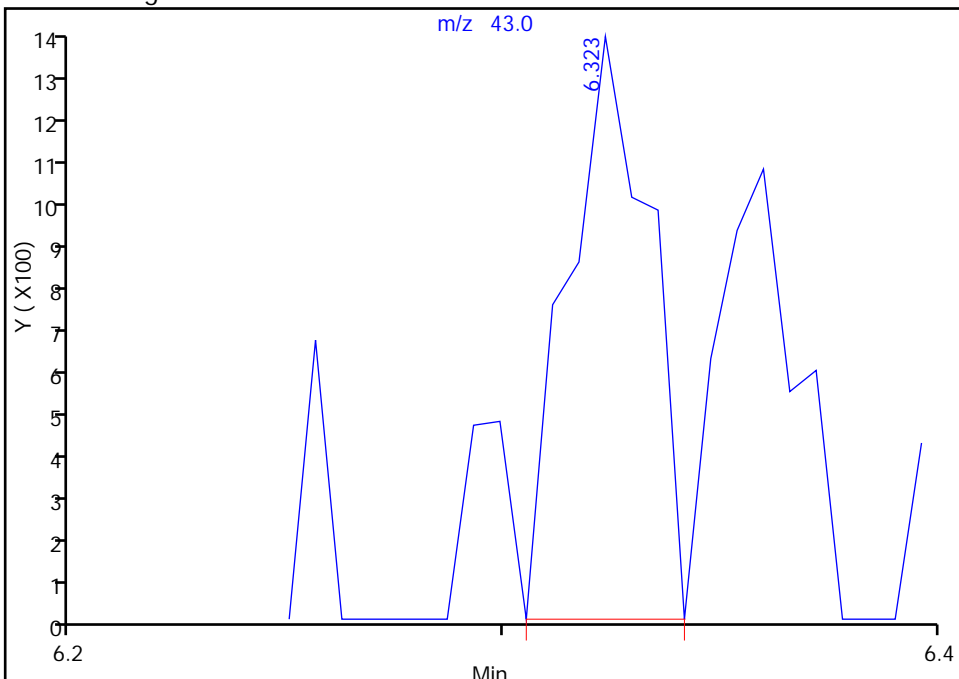
Not Detected
Expected RT: 6.31

Processing Integration Results



Manual Integration Results

RT: 6.32
Area: 1763
Amount: 0.180026
Amount Units: ug/L



Reviewer: reiler, 25-Jan-2017 17:08:13

Audit Action: Manually Integrated

Audit Reason: Missed Peak

TestAmerica Buffalo

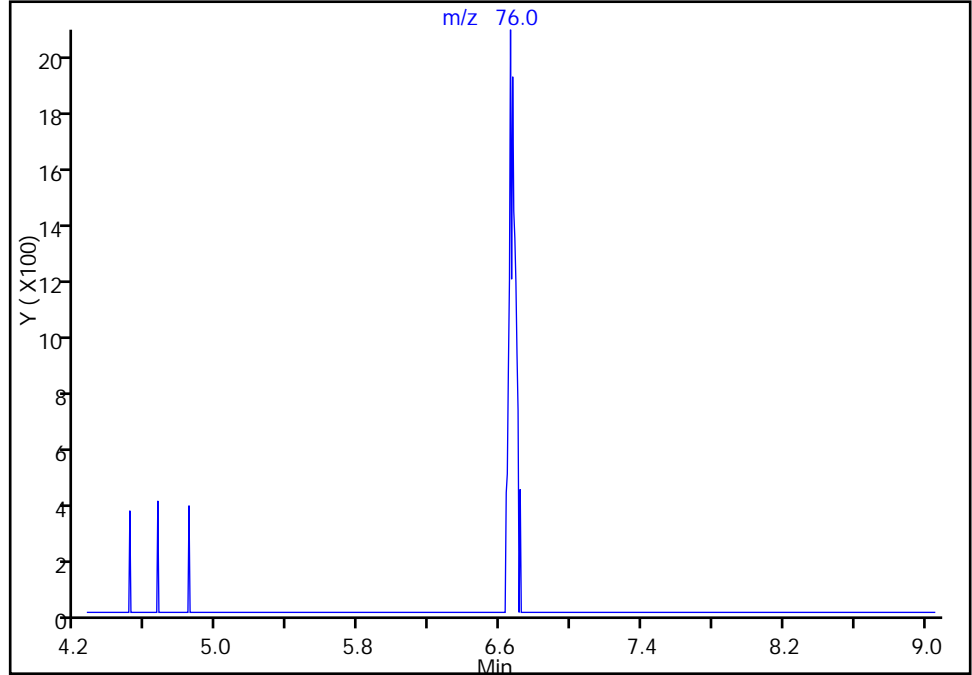
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Injection Date: 25-Jan-2017 12:05:30 Instrument ID: HP5973P
Lims ID: 480-112525-B-6 Lab Sample ID: 480-112525-6
Client ID: MW-16S
Operator ID: RF ALS Bottle#: 1 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

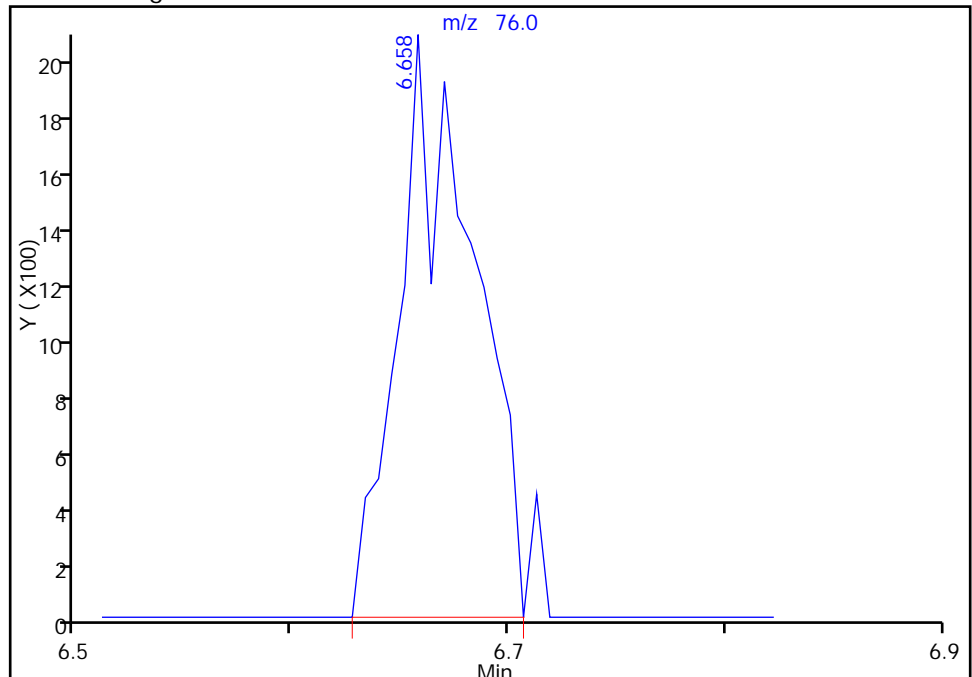
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.66
Area: 4992
Amount: 0.105725
Amount Units: ug/L



Reviewer: reiler, 25-Jan-2017 17:08:13
Audit Action: Assigned Compound ID

Audit Reason: Missed Peak

TestAmerica Buffalo

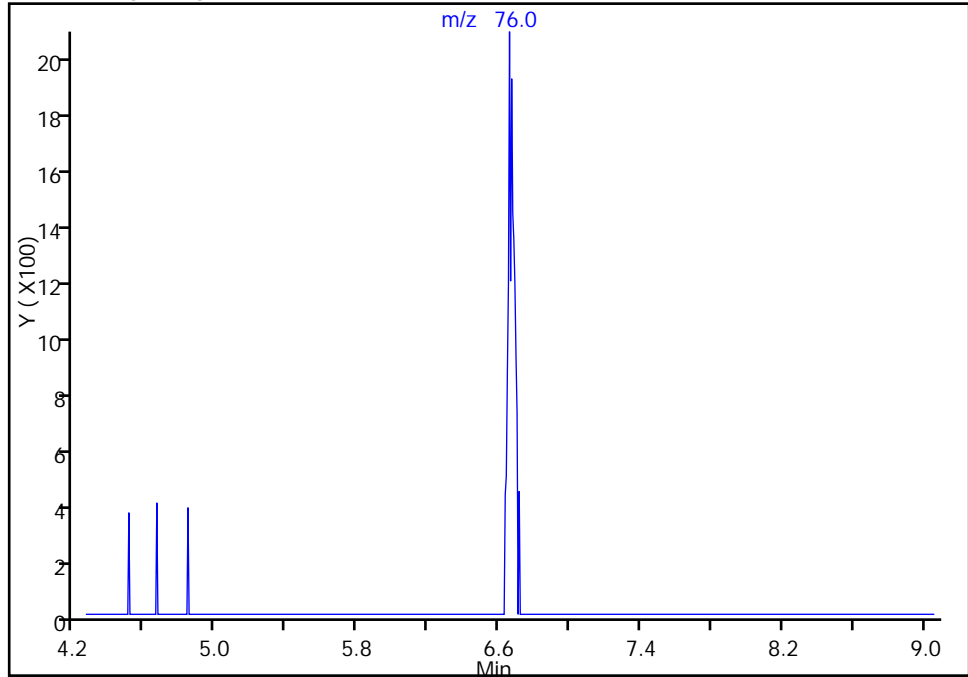
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Injection Date: 25-Jan-2017 12:05:30 Instrument ID: HP5973P
Lims ID: 480-112525-B-6 Lab Sample ID: 480-112525-6
Client ID: MW-16S
Operator ID: RF ALS Bottle#: 1 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

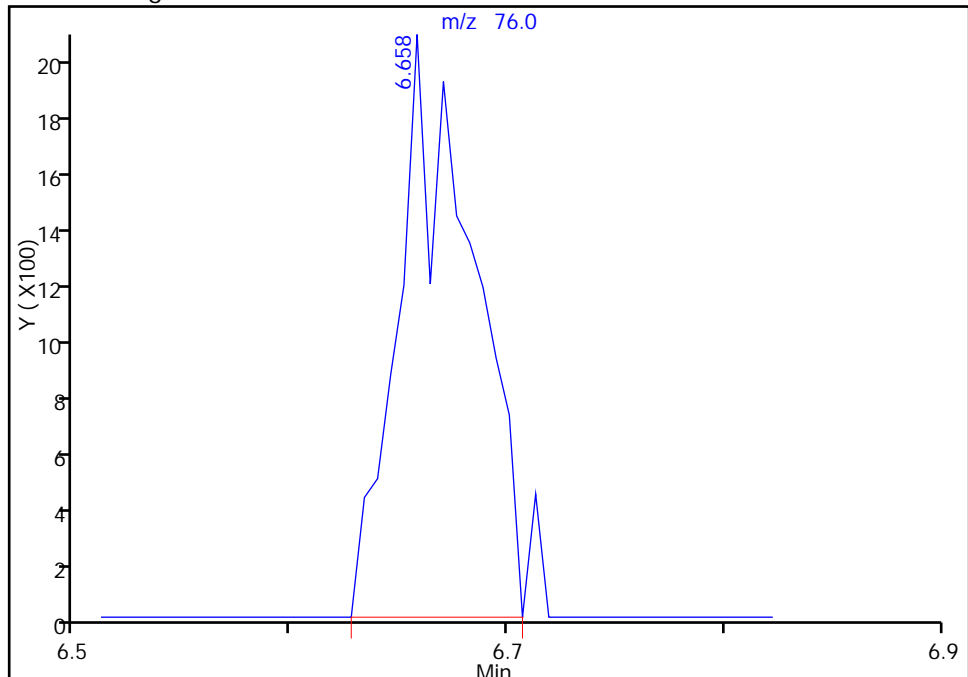
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.66
Area: 4992
Amount: 0.105725
Amount Units: ug/L



Reviewer: reiler, 25-Jan-2017 17:08:13

Audit Action: Manually Integrated

Audit Reason: Missed Peak

TestAmerica Buffalo

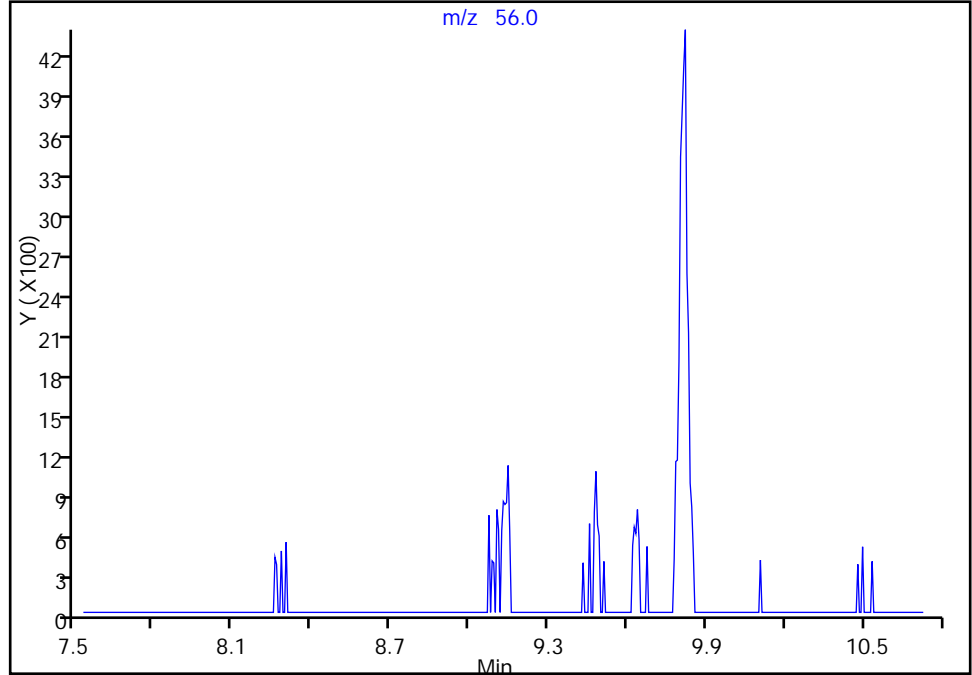
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Injection Date: 25-Jan-2017 12:05:30 Instrument ID: HP5973P
Lims ID: 480-112525-B-6 Lab Sample ID: 480-112525-6
Client ID: MW-16S
Operator ID: RF ALS Bottle#: 1 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

54 Cyclohexane, CAS: 110-82-7

Signal: 1

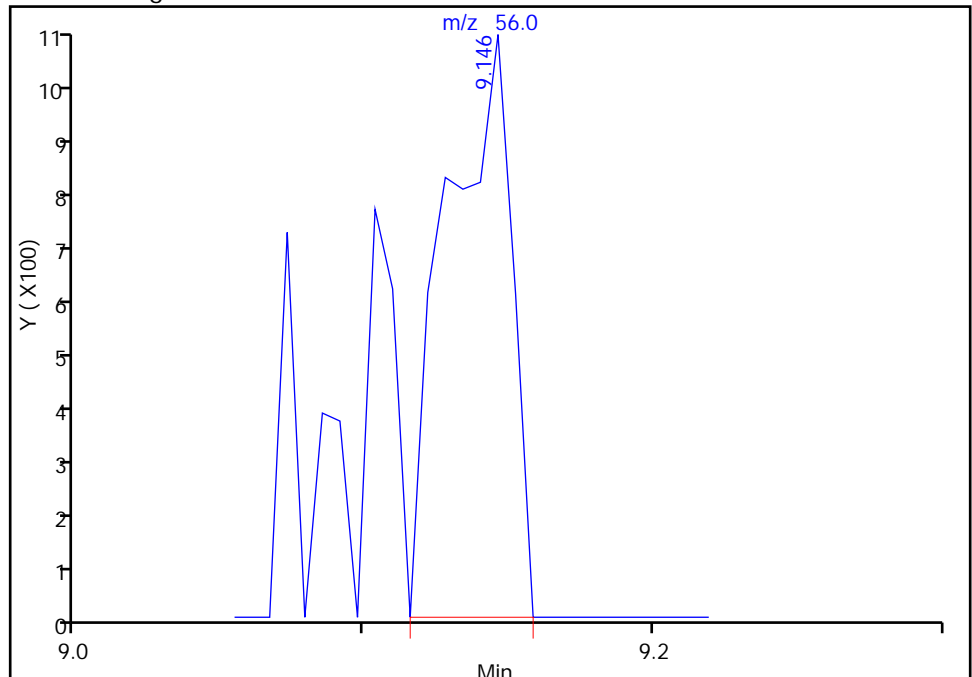
Not Detected
Expected RT: 9.13

Processing Integration Results



Manual Integration Results

RT: 9.15
Area: 1735
Amount: 0.054277
Amount Units: ug/L



Reviewer: reiler, 25-Jan-2017 17:08:13
Audit Action: Assigned Compound ID

Audit Reason: Missed Peak

TestAmerica Buffalo

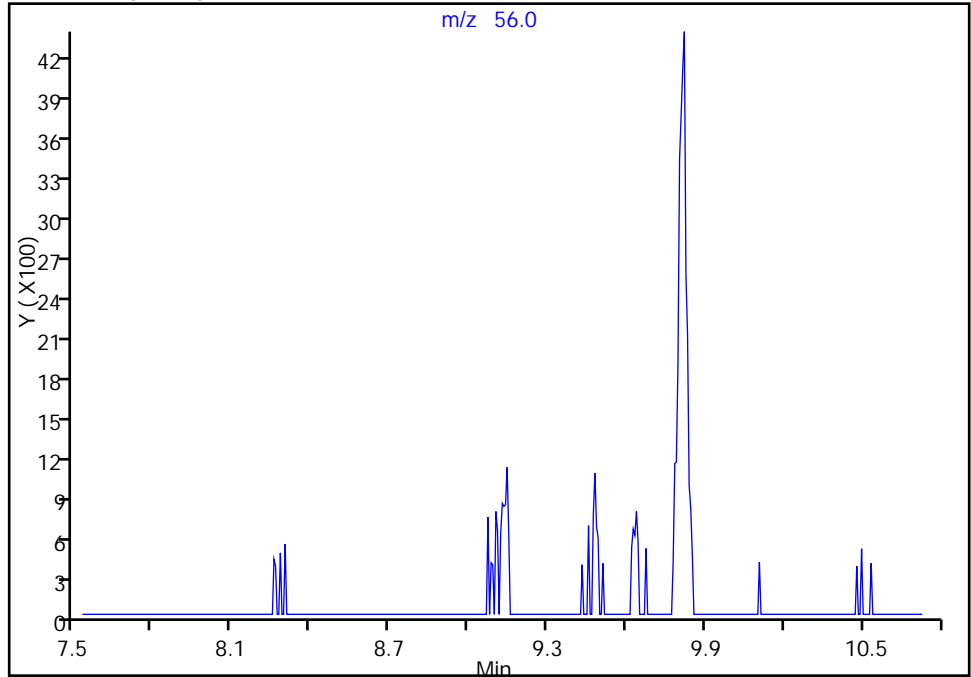
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Injection Date: 25-Jan-2017 12:05:30 Instrument ID: HP5973P
Lims ID: 480-112525-B-6 Lab Sample ID: 480-112525-6
Client ID: MW-16S
Operator ID: RF ALS Bottle#: 1 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

54 Cyclohexane, CAS: 110-82-7

Signal: 1

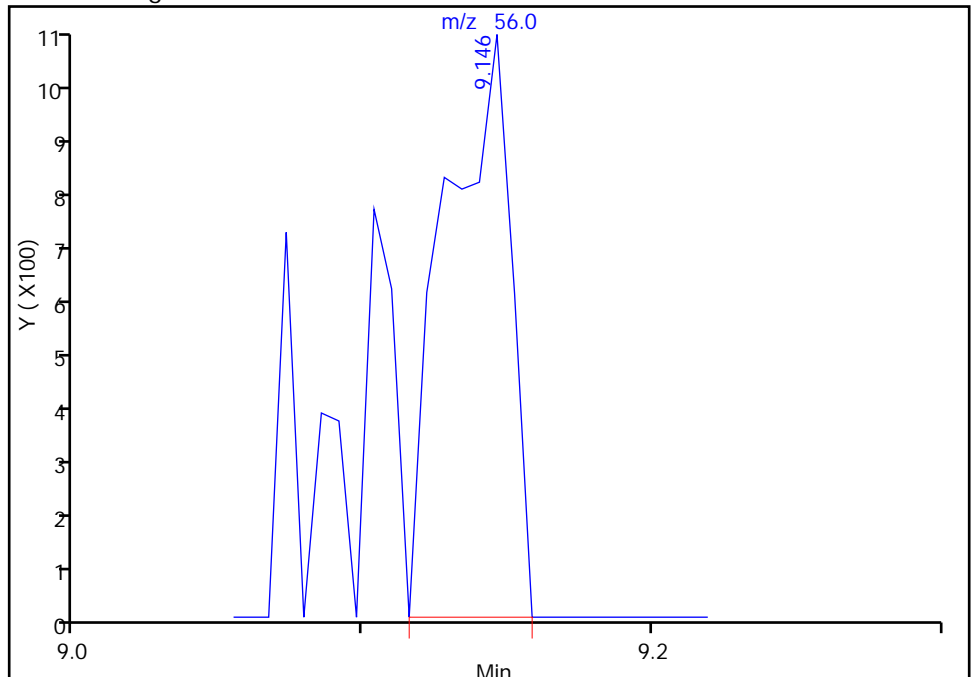
Not Detected
Expected RT: 9.13

Processing Integration Results



Manual Integration Results

RT: 9.15
Area: 1735
Amount: 0.054277
Amount Units: ug/L



Reviewer: reiler, 25-Jan-2017 17:08:13

Audit Action: Manually Integrated

Audit Reason: Missed Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-16D Lab Sample ID: 480-112525-7
 Matrix: Water Lab File ID: P22196.D
 Analysis Method: 8260C Date Collected: 01/19/2017 14:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 02:54
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		10	8.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	2.1
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1
79-00-5	1,1,2-Trichloroethane	ND		10	2.3
75-34-3	1,1-Dichloroethane	ND		10	3.8
75-35-4	1,1-Dichloroethene	ND		10	2.9
120-82-1	1,2,4-Trichlorobenzene	ND		10	4.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10	3.9
106-93-4	1,2-Dibromoethane	ND		10	7.3
95-50-1	1,2-Dichlorobenzene	ND		10	7.9
107-06-2	1,2-Dichloroethane	ND		10	2.1
78-87-5	1,2-Dichloropropane	ND		10	7.2
541-73-1	1,3-Dichlorobenzene	ND		10	7.8
106-46-7	1,4-Dichlorobenzene	ND		10	8.4
78-93-3	2-Butanone (MEK)	ND		100	13
591-78-6	2-Hexanone	ND		50	12
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		50	21
67-64-1	Acetone	ND		100	30
71-43-2	Benzene	ND		10	4.1
75-27-4	Bromodichloromethane	ND		10	3.9
75-25-2	Bromoform	ND		10	2.6
74-83-9	Bromomethane	ND		10	6.9
75-15-0	Carbon disulfide	ND		10	1.9
56-23-5	Carbon tetrachloride	ND		10	2.7
108-90-7	Chlorobenzene	ND		10	7.5
75-00-3	Chloroethane	290		10	3.2
67-66-3	Chloroform	ND		10	3.4
74-87-3	Chloromethane	ND		10	3.5
156-59-2	cis-1,2-Dichloroethene	ND		10	8.1
10061-01-5	cis-1,3-Dichloropropene	ND		10	3.6
110-82-7	Cyclohexane	ND		10	1.8
124-48-1	Dibromochloromethane	ND		10	3.2
75-71-8	Dichlorodifluoromethane	ND		10	6.8
100-41-4	Ethylbenzene	ND		10	7.4
98-82-8	Isopropylbenzene	ND		10	7.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: MW-16D Lab Sample ID: 480-112525-7
 Matrix: Water Lab File ID: P22196.D
 Analysis Method: 8260C Date Collected: 01/19/2017 14:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 02:54
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		25	13
1634-04-4	Methyl tert-butyl ether	ND		10	1.6
108-87-2	Methylcyclohexane	ND		10	1.6
75-09-2	Methylene Chloride	ND		10	4.4
100-42-5	Styrene	ND		10	7.3
127-18-4	Tetrachloroethene	ND		10	3.6
108-88-3	Toluene	ND		10	5.1
156-60-5	trans-1,2-Dichloroethene	ND		10	9.0
10061-02-6	trans-1,3-Dichloropropene	ND		10	3.7
79-01-6	Trichloroethene	ND		10	4.6
75-69-4	Trichlorofluoromethane	ND		10	8.8
75-01-4	Vinyl chloride	23		10	9.0
1330-20-7	Xylenes, Total	ND		20	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22196.D
 Lims ID: 480-112525-A-7
 Client ID: MW-16D
 Sample Type: Client
 Inject. Date: 25-Jan-2017 02:54:30 ALS Bottle#: 40 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 480-112525-a-7
 Misc. Info.: 480-0059986-014
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 09:34:51 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: farrellr

Date: 25-Jan-2017 09:34:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	98	256397	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.758	-0.001	88	522384	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.745	0.005	97	525997	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	221573	26.1	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.793	0.000	94	1074012	24.8	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	305459	24.3	
10 Dichlorodifluoromethane	85		3.981				ND	
11 Chloromethane	50		4.291				ND	
17 Vinyl chloride	62	4.498	4.510	-0.012	97	31608	2.32	
12 Bromomethane	94		5.070				ND	
13 Chloroethane	64	5.210	5.198	0.012	97	259902	28.7	
14 Trichlorofluoromethane	101		5.599				ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.232				ND	
25 1,1-Dichloroethene	96		6.281				ND	
24 Acetone	43		6.311				ND	
27 Carbon disulfide	76		6.664				ND	
30 Methyl acetate	43		6.688				ND	
31 Methylene Chloride	84		6.901				ND	
32 Methyl tert-butyl ether	73		7.157				ND	
35 trans-1,2-Dichloroethene	96		7.217				ND	
40 1,1-Dichloroethane	63		7.741				ND	
44 2-Butanone (MEK)	43		8.385				ND	
43 cis-1,2-Dichloroethene	96	8.459	8.440	0.019	81	11562	0.6311	
49 Chloroform	83		8.793				ND	
52 1,1,1-Trichloroethane	97		9.055				ND	
54 Cyclohexane	56		9.128				ND	
55 Carbon tetrachloride	117		9.261				ND	
57 Benzene	78		9.511				ND	
60 1,2-Dichloroethane	62		9.535				ND	
62 Trichloroethene	95		10.265				ND	
64 Methylcyclohexane	83		10.503				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63		10.576				ND	
70 Dichlorobromomethane	83		10.904				ND	
73 cis-1,3-Dichloropropene	75		11.439				ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549				ND	
76 Toluene	92	11.878	11.878	-0.006	48	4580	0.1165	7
78 trans-1,3-Dichloropropene	75		12.139				ND	
79 1,1,2-Trichloroethane	83		12.425				ND	
80 Tetrachloroethene	166		12.626				ND	
83 2-Hexanone	43		12.638				ND	
81 Chlorodibromomethane	129		13.009				ND	
85 Ethylene Dibromide	107		13.204				ND	
87 Chlorobenzene	112		13.800				ND	
89 Ethylbenzene	91		13.861				ND	
90 m-Xylene & p-Xylene	106		14.007				ND	
93 o-Xylene	106		14.554				ND	
94 Styrene	104		14.572				ND	
92 Bromoform	173		14.925				ND	
95 Isopropylbenzene	105		14.998				ND	
97 1,1,2,2-Tetrachloroethane	83		15.424				ND	
110 1,3-Dichlorobenzene	146		16.671				ND	
111 1,4-Dichlorobenzene	146		16.781				ND	
116 1,2-Dichlorobenzene	146		17.267				ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241				ND	
119 1,2,4-Trichlorobenzene	180		19.312				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22196.D

Injection Date: 25-Jan-2017 02:54:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: 480-112525-A-7

Lab Sample ID: 480-112525-7

Worklist Smp#: 14

Client ID: MW-16D

Purge Vol: 5.000 mL

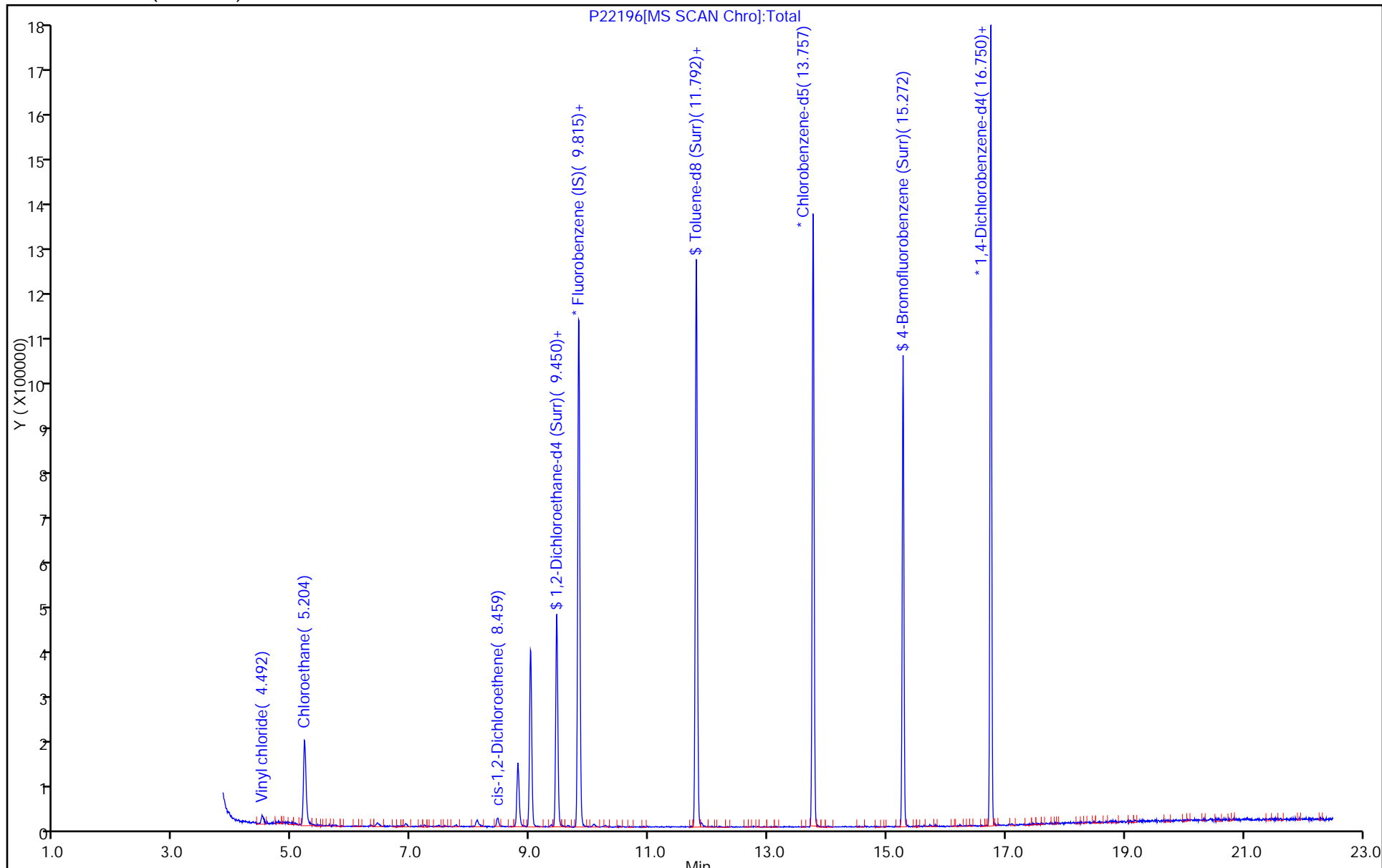
Dil. Factor: 10.0000

ALS Bottle#: 40

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22196.D

Injection Date: 25-Jan-2017 02:54:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-7

Lab Sample ID: 480-112525-7

Client ID: MW-16D

Operator ID: SO

ALS Bottle#: 40

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

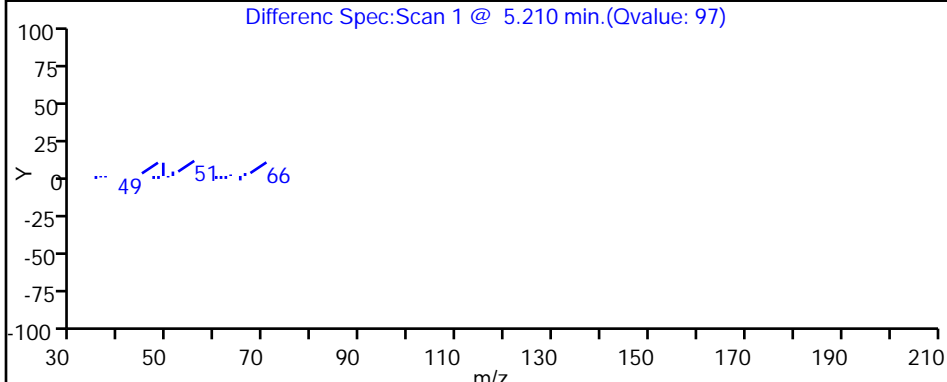
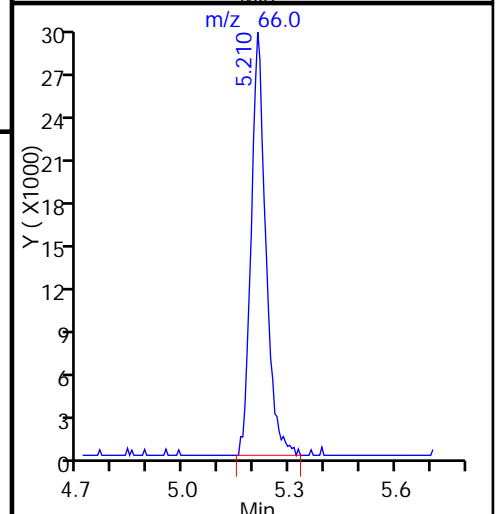
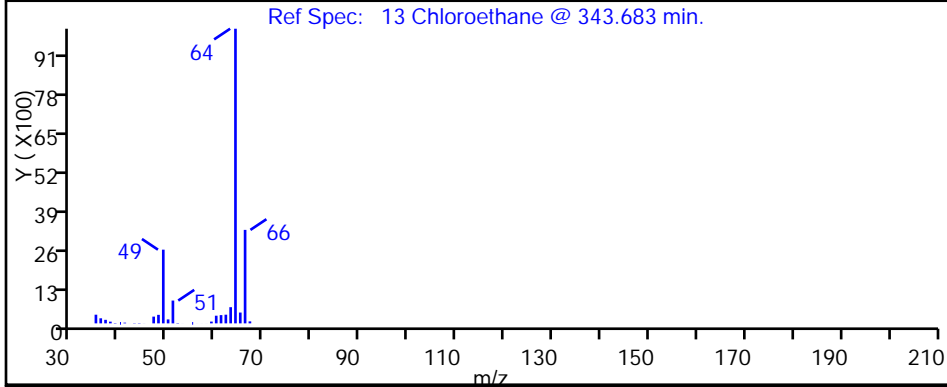
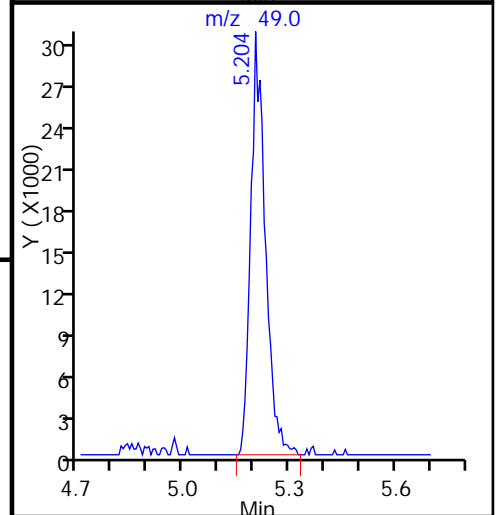
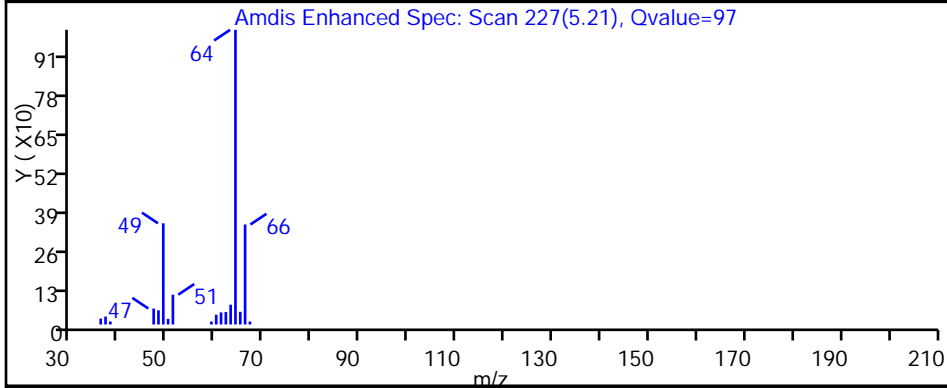
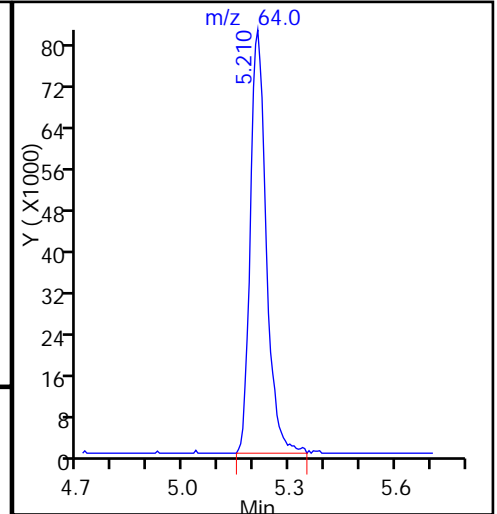
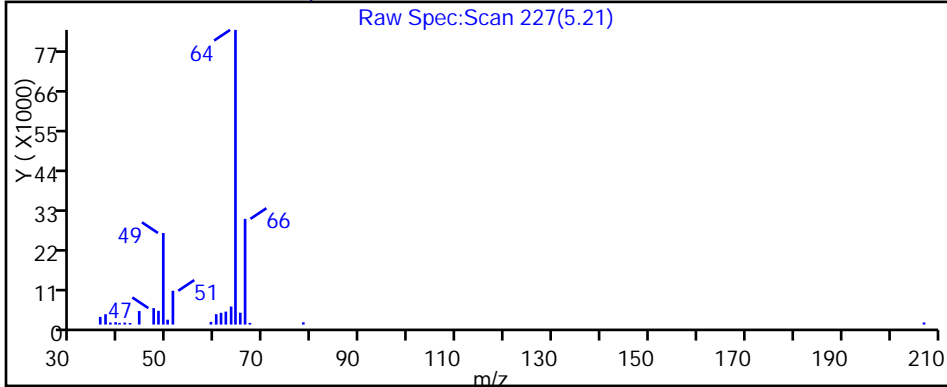
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3



TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22196.D

Injection Date: 25-Jan-2017 02:54:30

Instrument ID: HP5973P

Lims ID: 480-112525-A-7

Lab Sample ID: 480-112525-7

Client ID: MW-16D

Operator ID: SO

ALS Bottle#: 40

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

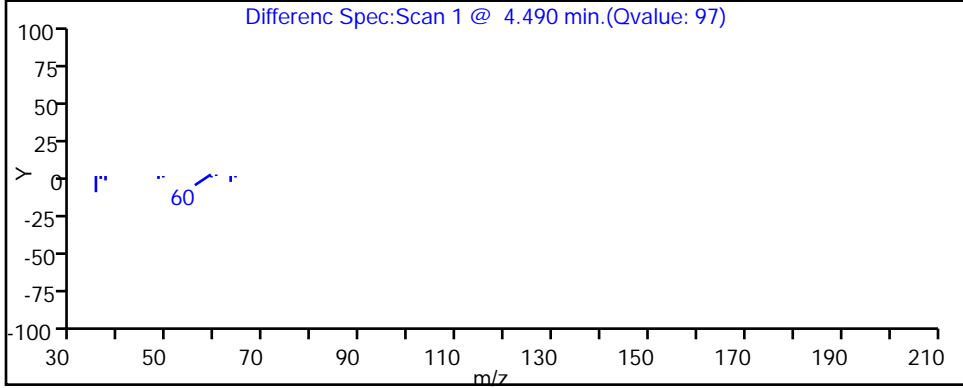
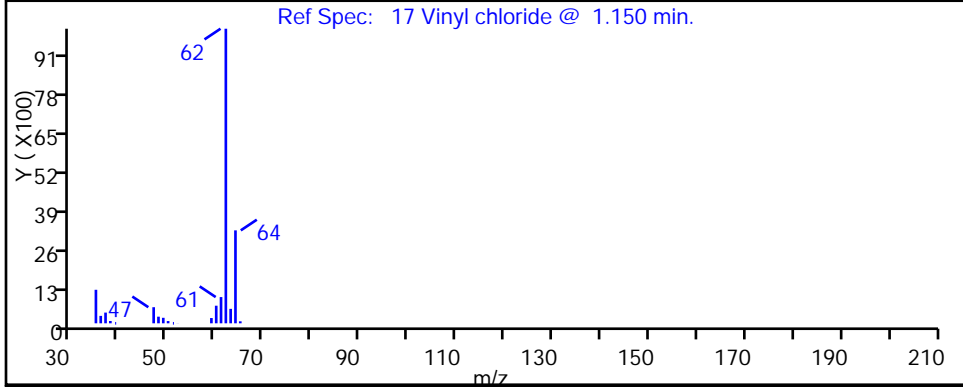
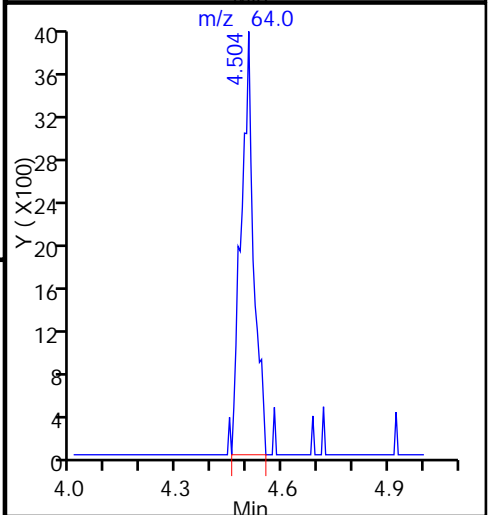
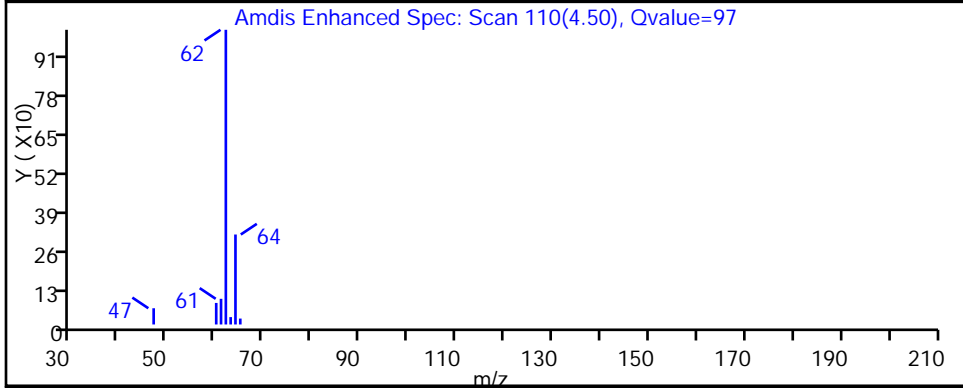
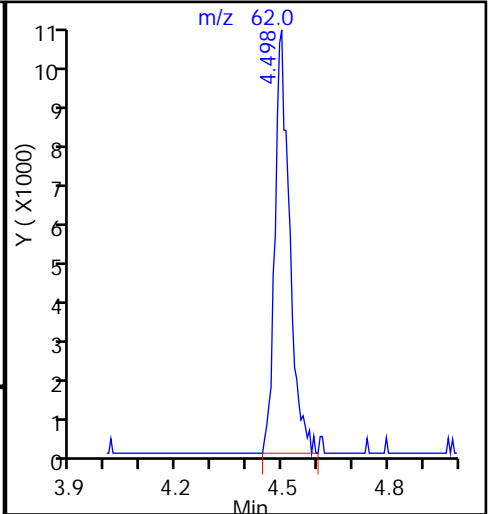
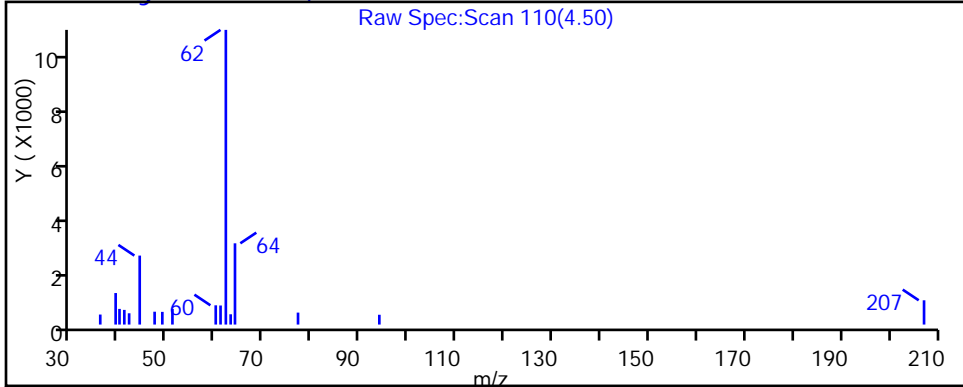
Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)

Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 333583

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2016 18:51 Calibration End Date: 11/26/2016 21:59 Calibration ID: 29002

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-333583/5	N0847.D
Level 2	IC 480-333583/6	N0848.D
Level 3	IC 480-333583/7	N0849.D
Level 4	IC 480-333583/8	N0850.D
Level 5	IC 480-333583/9	N0851.D
Level 6	ICIS 480-333583/10	N0852.D
Level 7	IC 480-333583/11	N0853.D
Level 8	IC 480-333583/12	N0854.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Dichlorodifluoromethane	++++ 1.1610	1.2691 1.1820	1.2851 1.1248	1.2364	1.1696	Ave		1.2040			0.1000	5.0	20.0				
Chloromethane	++++ 1.9766	2.7144 1.9140	2.3655 1.7207	2.1806	2.0848	Ave		2.1367			0.1000	15.3	20.0				
Vinyl chloride	1.7495 1.6470	2.0708 1.6051	1.6142 1.5128	1.7550	1.7006	Ave		1.7069			0.1000	9.8	20.0				
Butadiene	2.3243 1.9967	2.4703 1.9042	2.6168 1.7486	2.2832	2.0672	Ave		2.1764				13.6	20.0				
Bromomethane	++++ 0.7379	0.9489 0.7529	0.6744 0.7357	0.7206	0.7361	Ave		0.7581			0.1000	11.6	20.0				
Chloroethane	++++ 0.8810	1.2111 0.9150	1.0433 0.8298	0.8972	0.9263	Ave		0.9577			0.1000	13.5	20.0				
Dichlorofluoromethane	++++ 1.9603	2.6603 2.0246	2.4045 1.8749	2.1983	2.2179	Ave		2.1915				12.5	20.0				
Trichlorofluoromethane	++++ 1.6062	1.8577 1.5928	1.5302 1.5189	1.6772	1.5852	Ave		1.6240			0.1000	7.1	20.0				
Ethyl ether	1.2806 1.3737	1.6387 1.3572	1.4753 1.2998	1.4339	1.3982	Ave		1.4072				8.1	20.0				
Acrolein	++++ 0.3349	0.4371 0.3304	0.3999 0.3180	0.3554	0.3410	Ave		0.3595				12.0	20.0				
1,1-Dichloroethene	1.3628 1.3617	1.6147 1.2938	1.5707 1.2128	1.5032	1.3958	Ave		1.4144			0.1000	9.8	20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	1.4483 1.3043	1.2150 1.3214	1.4413 1.2260	1.4579	1.3351	Ave		1.3437			0.1000	7.2	20.0				
Acetone	++++ 0.4553	0.6183 0.4649	0.5889 0.4305	0.4661	0.5136	Ave		0.5054			0.1000	14.2	20.0				
Iodomethane	2.3952 2.4259	2.9764 2.3786	2.7201 2.2270	2.5437	2.4055	Ave		2.5090				9.4	20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 333583

SDG No.: _____

Instrument ID: HP5973N

GC Column: ZB-624 (20) ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2016 18:51

Calibration End Date: 11/26/2016 21:59

Calibration ID: 29002

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Carbon disulfide	4.5485 4.4364	4.9974 4.3197	5.1955 3.9884	4.9177	4.4326	Ave		4.6045			0.1000	8.7	20.0				
Allyl chloride	++++ 2.5402	2.6109 2.4851	3.2633 2.2814	2.6279	2.4182	Ave		2.6039				12.1	20.0				
Methyl acetate	1.6167 1.3277	1.6182 1.2978	1.5572 1.1626	1.4372	1.4196	Ave		1.4296			0.1000	11.4	20.0				
Methylene Chloride	++++ 1.4619	1.9786 1.4453	1.8701 1.3600	1.6968	1.5392	Ave		1.6217			0.1000	14.4	20.0				
2-Methyl-2-propanol	0.2229 0.2060	0.2526 0.1980	0.2331 0.1866	0.2146	0.2129	Ave		0.2158				9.6	20.0				
Methyl tert-butyl ether	++++ 4.3337	5.1555 4.1883	5.0167 3.9197	4.6023	4.4909	Ave		4.5296			0.1000	9.7	20.0				
trans-1,2-Dichloroethene	1.6274 1.4198	1.6450 1.3893	1.6917 1.2924	1.5695	1.5382	Ave		1.5217			0.1000	9.2	20.0				
Acrylonitrile	0.8064 0.7132	0.8309 0.7050	0.8199 0.6217	0.7478	0.7643	Ave		0.7511				9.4	20.0				
Hexane	2.3675 2.4573	2.8471 2.4149	2.9633 2.1945	2.7692	2.5221	Ave		2.5670				10.3	20.0				
1,1-Dichloroethane	2.9924 2.6361	2.8215 2.5887	3.2526 2.4450	2.8549	2.7832	Ave		2.7968			0.2000	9.0	20.0				
Vinyl acetate	3.8675 3.5314	4.0661 3.4348	3.8625 3.0922	3.4954	3.5948	Ave		3.6181				8.5	20.0				
2,2-Dichloropropane	1.5371 1.3795	1.8412 1.3318	1.7958 1.1668	1.6186	1.4325	Ave		1.5129				15.3	20.0				
cis-1,2-Dichloroethene	1.7674 1.5560	1.7938 1.5206	1.9372 1.4007	1.5911	1.5663	Ave		1.6416			0.1000	10.7	20.0				
2-Butanone (MEK)	++++ 0.7895	0.8971 0.7828	0.8117 0.7084	0.8100	0.8102	Ave		0.8014			0.1000	6.9	20.0				
Chlorobromomethane	0.8694 0.8094	0.8250 0.7936	0.8632 0.7254	0.8295	0.7943	Ave		0.8137				5.6	20.0				
Tetrahydrofuran	++++ 0.5976	0.7047 0.5747	0.6552 0.5522	0.6503	0.5825	Ave		0.6168				8.8	20.0				
Chloroform	++++ 2.2119	2.4984 2.1609	2.6248 2.0464	2.5601	2.3439	Ave		2.3495			0.2000	9.3	20.0				
1,1,1-Trichloroethane	++++ 1.8210	2.0930 1.7419	2.1310 1.6584	1.9372	1.7864	Ave		1.8813			0.1000	9.5	20.0				
Cyclohexane	2.5970 2.8209	3.1499 2.7630	3.3243 2.5508	3.1608	2.8684	Ave		2.9044			0.1000	9.7	20.0				
Carbon tetrachloride	1.6731 1.6783	1.8785 1.6656	1.8115 1.5470	1.7841	1.6529	Ave		1.7114			0.1000	6.2	20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 333583

SDG No.: _____

Instrument ID: HP5973N

GC Column: ZB-624 (20) ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2016 18:51

Calibration End Date: 11/26/2016 21:59

Calibration ID: 29002

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,1-Dichloropropene	1.5675 1.8250	1.8928 1.7873	2.0671 1.6717	2.0870	1.8128	Ave		1.8389			9.7		20.0				
Isobutyl alcohol	0.1095 0.0908	0.1063 0.0865	0.1026 0.0789	0.0936	0.0943	Ave		0.0953			10.8		20.0				
Benzene	5.8076 5.5702	6.3969 5.2956	6.5615 4.8170	6.0414	5.6226	Ave		5.7641		0.5000	9.9		20.0				
1,2-Dichloroethane	1.6987 1.7816	1.9845 1.7654	2.1409 1.6790	1.7664	1.8772	Ave		1.8367		0.1000	8.6		20.0				
n-Heptane	2.6653 2.2509	2.6227 2.2163	2.9450 2.0370	2.7099	2.3522	Ave		2.4749			12.4		20.0				
Trichloroethene	1.3135 1.3170	1.5331 1.3200	1.6636 1.2403	1.3930	1.3672	Ave		1.3934		0.2000	9.9		20.0				
Methylcyclohexane	2.5495 2.4625	2.6627 2.3921	2.7978 2.2256	2.7216	2.4966	Ave		2.5385		0.1000	7.3		20.0				
1,2-Dichloropropane	++++ 1.4281	1.5288 1.4409	1.6564 1.3370	1.5081	1.4399	Ave		1.4770		0.1000	6.8		20.0				
Dibromomethane	++++ 0.8001	0.8855 0.8054	0.8387 0.7459	0.8298	0.8263	Ave		0.8188		0.1000	5.2		20.0				
1,4-Dioxane	++++ 0.0039	0.0052 0.0035	0.0049 0.0037	0.0035	0.0038	Ave		0.0041			16.7		20.0				
Bromodichloromethane	1.3979 1.5911	2.0225 1.6281	1.9596 1.5403	1.7046	1.6410	Ave		1.6856		0.2000	12.4		20.0				
2-Chloroethyl vinyl ether	1.0273 0.9436	0.9335 0.9626	0.8773 0.9471	1.0483	0.9304	Ave		0.9588			5.7		20.0				
cis-1,3-Dichloropropene	2.0473 2.1646	2.4383 2.1425	2.2765 2.0246	2.1278	2.1117	Ave		2.1667		0.2000	6.2		20.0				
4-Methyl-2-pentanone (MIBK)	0.2040 0.1864	0.2152 0.1782	0.1927 0.1714	0.1878	0.1897	Ave		0.1907		0.1000	7.2		20.0				
Toluene	0.8969 0.9033	1.1277 0.8585	1.0387 0.8658	0.9570	0.9052	Ave		0.9441		0.4000	9.9		20.0				
trans-1,3-Dichloropropene	0.5307 0.5036	0.4694 0.5075	0.5614 0.5101	0.5048	0.4844	Ave		0.5090		0.1000	5.5		20.0				
Ethyl methacrylate	++++ 0.4606	0.5260 0.4650	0.5172 0.4418	0.4886	0.4862	Ave		0.4836			6.3		20.0				
1,1,2-Trichloroethane	0.3247 0.2571	0.2895 0.2585	0.2882 0.2524	0.2778	0.2715	Ave		0.2775		0.1000	8.5		20.0				
Tetrachloroethene	0.3805 0.3971	0.4802 0.3921	0.4806 0.3966	0.4566	0.4046	Ave		0.4235		0.2000	9.8		20.0				
1,3-Dichloropropane	0.5585 0.5334	0.6472 0.5242	0.5881 0.5206	0.5418	0.5338	Ave		0.5560			7.7		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 333583

SDG No.: _____

Instrument ID: HP5973N

GC Column: ZB-624 (20) ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2016 18:51

Calibration End Date: 11/26/2016 21:59

Calibration ID: 29002

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Hexanone	0.3163 0.2978	0.3392 0.2884	0.3428 0.2653	0.3264	0.3202	Ave		0.3120			0.1000	8.5	20.0				
Dibromochloromethane	++++ 0.3571	0.3596 0.3530	0.3426 0.3551	0.3387	0.3421	Ave		0.3497			0.1000	2.4	20.0				
1,2-Dibromoethane	0.3328 0.3388	0.3596 0.3364	0.3506 0.3314	0.3341	0.3410	Ave		0.3406				2.9	20.0				
Chlorobenzene	1.0757 1.0012	1.1914 0.9837	1.1827 0.9637	1.0700	0.9984	Ave		1.0583			0.5000	8.4	20.0				
1,1,1,2-Tetrachloroethane	0.3554 0.3640	0.4045 0.3573	0.4085 0.3537	0.3824	0.3592	Ave		0.3731				6.0	20.0				
Ethylbenzene	1.7226 1.5596	1.8724 1.5210	1.9055 1.4399	1.7309	1.6299	Ave		1.6727			0.1000	9.9	20.0				
m,p-Xylene	0.6575 0.6551	0.7562 0.6577	0.7559 0.6419	0.7235	0.6661	Ave		0.6892			0.1000	6.9	20.0				
o-Xylene	0.7432 0.6928	0.6898 0.6682	0.7045 0.6473	0.6837	0.6577	Ave		0.6859			0.3000	4.4	20.0				
Styrene	1.0671 1.0886	1.2928 1.0832	1.2126 1.0504	1.2033	1.0912	Ave		1.1361			0.3000	7.7	20.0				
Bromoform	0.2229 0.2235	0.2388 0.2326	0.2398 0.2383	0.2239	0.2274	Ave		0.2309			0.1000	3.2	20.0				
Isopropylbenzene	3.2352 3.0866	3.7482 2.9998	3.5905 2.9150	3.3375	3.1335	Ave		3.2558			0.1000	8.9	20.0				
Bromobenzene	0.9223 0.8402	0.9696 0.8264	0.7852 0.8563	0.8599	0.8654	Ave		0.8657				6.6	20.0				
1,1,2,2-Tetrachloroethane	++++ 0.7894	0.8679 0.7825	0.8163 0.7908	0.7479	0.8231	Ave		0.8026			0.3000	4.7	20.0				
1,2,3-Trichloropropane	++++ 0.2413	0.2238 0.2451	0.2273 0.2423	0.2405	0.2526	Ave		0.2390				4.2	20.0				
trans-1,4-Dichloro-2-butene	++++ 0.2098	0.2068 0.2415	0.1419 0.2541	0.1668	0.1886	Ave		0.2014				19.6	20.0				
N-Propylbenzene	3.5992 3.4578	4.0641 3.3251	4.1129 3.1969	3.7424	3.5876	Ave		3.6357				9.0	20.0				
2-Chlorotoluene	0.7382 0.7448	0.7698 0.7462	0.8696 0.7537	0.7772	0.8031	Ave		0.7753				5.6	20.0				
1,3,5-Trimethylbenzene	2.7683 2.6039	3.1706 2.4875	2.8700 2.4148	2.7921	2.5905	Ave		2.7122				8.9	20.0				
4-Chlorotoluene	2.3519 2.3912	2.8506 2.3188	2.7213 2.2869	2.5402	2.4845	Ave		2.4932				8.1	20.0				
tert-Butylbenzene	0.6560 0.6036	0.7801 0.5976	0.7009 0.5977	0.5934	0.5966	Ave		0.6407				10.6	20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 333583
 SDG No.: _____
 Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 11/26/2016 18:51 Calibration End Date: 11/26/2016 21:59 Calibration ID: 29002

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,2,4-Trimethylbenzene	2.7490 2.6850	2.9850 2.5344	2.8477 2.4744	2.8289	2.7290	Ave		2.7292			6.1		20.0				
sec-Butylbenzene	3.0242 3.3382	3.8860 3.1822	3.8799 3.0290	3.6485	3.4022	Ave		3.4238			10.2		20.0				
1,3-Dichlorobenzene	1.6278 1.5769	1.8054 1.5491	1.8654 1.5222	1.6467	1.6349	Ave		1.6535		0.6000	7.3		20.0				
4-Isopropyltoluene	2.9965 2.8409	3.2943 2.7321	3.2448 2.6260	3.0225	2.9787	Ave		2.9670			7.8		20.0				
1,4-Dichlorobenzene	1.7043 1.6072	1.8997 1.5840	1.6685 1.5637	1.6241	1.6706	Ave		1.6653		0.5000	6.4		20.0				
n-Butylbenzene	2.8212 2.4482	2.7032 2.3618	2.7599 2.2438	2.5619	2.4813	Ave		2.5477			7.9		20.0				
1,2-Dichlorobenzene	1.5653 1.5339	1.7925 1.5094	1.5759 1.4751	1.5574	1.5700	Ave		1.5724		0.4000	6.1		20.0				
1,2-Dibromo-3-Chloropropane	++++ 0.1302	0.1192 0.1399	0.1070 0.1455	0.1162	0.1317	Ave		0.1271		0.0500	10.7		20.0				
1,2,4-Trichlorobenzene	1.0176 1.0726	1.0939 1.0827	1.1317 1.0624	1.0993	1.0672	Ave		1.0784		0.2000	3.1		20.0				
Hexachlorobutadiene	++++ 0.4496	0.5368 0.4370	0.5406 0.4399	0.4589	0.4556	Ave		0.4741			9.5		20.0				
Naphthalene	2.6014 2.6652	2.7943 2.5952	2.6974 2.5934	2.6141	2.6799	Ave		2.6551			2.6		20.0				
1,2,3-Trichlorobenzene	0.8804 0.9756	1.0492 0.9744	1.0176 0.9869	0.9766	0.9958	Ave		0.9821			4.9		20.0				
Dibromofluoromethane (Surr)	1.2670 1.2465	1.2623 1.2400	1.2771 1.1778	1.2842	1.2802	Ave		1.2544			2.8		20.0				
1,2-Dichloroethane-d4 (Surr)	1.3982 1.4029	1.3422 1.3744	1.3642 1.2784	1.3585	1.4050	Ave		1.3655			3.1		20.0				
Toluene-d8 (Surr)	1.2640 1.2812	1.2487 1.3044	1.2743 1.2971	1.2791	1.2647	Ave		1.2767			1.4		20.0				
4-Bromofluorobenzene (Surr)	0.4300 0.4385	0.4370 0.4386	0.4255 0.4262	0.4355	0.4285	Ave		0.4325			1.3		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 333583

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2016 18:51 Calibration End Date: 11/26/2016 21:59 Calibration ID: 29002

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-333583/5	N0847.D
Level 2	IC 480-333583/6	N0848.D
Level 3	IC 480-333583/7	N0849.D
Level 4	IC 480-333583/8	N0850.D
Level 5	IC 480-333583/9	N0851.D
Level 6	ICIS 480-333583/10	N0852.D
Level 7	IC 480-333583/11	N0853.D
Level 8	IC 480-333583/12	N0854.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	++++ 160758	7087 320184	14106 653455	33526	64124	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloromethane	FB	Ave	++++ 273682	15158 518473	25965 999640	59126	114303	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl chloride	FB	Ave	4787 228049	11564 434792	17718 878889	47588	93235	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Butadiene	FB	Ave	6360 276470	13795 515819	28723 1015848	61909	113338	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromomethane	FB	Ave	++++ 102165	5299 203966	7403 427430	19538	40355	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloroethane	FB	Ave	++++ 121986	6763 247876	11452 482053	24328	50785	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Dichlorofluoromethane	FB	Ave	++++ 271423	14856 548434	26393 1089223	59608	121600	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichlorofluoromethane	FB	Ave	++++ 222390	10374 431484	16796 882439	45476	86907	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl ether	FB	Ave	3504 190197	9151 367642	16194 755131	38879	76655	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrolein	FB	Ave	++++ 231880	12204 447520	21946 923719	48178	93478	++++ 125	5.00 250	10.0 500	25.0	50.0
1,1-Dichloroethene	FB	Ave	3729 188544	9017 350485	17241 704562	40758	76524	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3963 180597	6785 357944	15820 712257	39530	73198	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acetone	FB	Ave	++++ 315194	17265 629705	32320 1250540	63196	140788	++++ 125	5.00 250	10.0 500	25.0	50.0
Iodomethane	FB	Ave	6554 335891	16621 644341	29857 1293783	68973	131881	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon disulfide	FB	Ave	12446 614269	27907 1170174	57028 2317073	133344	243020	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 333583

SDG No.: _____

Instrument ID: HP5973N

GC Column: ZB-624 (20) ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2016 18:51

Calibration End Date: 11/26/2016 21:59

Calibration ID: 29002

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Allyl chloride	FB	Ave	++++ 351720	14580 673187	35820 1325392	71256	132582	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Methyl acetate	FB	Ave	22119 919146	45182 1757783	85461 3377042	194843	389139	2.50 125	5.00 250	10.0 500	25.0	50.0
Methylene Chloride	FB	Ave	++++ 202415	11049 391513	20527 790125	46010	84385	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Methyl-2-propanol	FB	Ave	6098 285239	14104 536285	25586 1083861	58180	116706	5.00 250	10.0 500	20.0 1000	50.0	100
Methyl tert-butyl ether	FB	Ave	++++ 600045	28790 1134569	55066 2277176	124792	246218	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	4453 196593	9186 376345	18569 750799	42556	84333	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrylonitrile	FB	Ave	22064 987524	46398 1909727	89999 3611911	202776	419017	5.00 250	10.0 500	20.0 1000	50.0	100
Hexane	FB	Ave	6478 340235	15899 654184	32527 1274894	75087	138273	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethane	FB	Ave	8188 365002	15756 701253	35702 1420450	77411	152592	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl acetate	FB	Ave	21165 977924	45413 1860886	84793 3592877	189554	394173	1.00 50.0	2.00 100	4.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	4206 191005	10282 360775	19712 677863	43888	78537	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	4836 215445	10017 411902	21264 813757	43144	85875	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Butanone (MEK)	FB	Ave	++++ 546600	25048 1060316	44548 2057792	109820	222094	++++ 125	5.00 250	10.0 500	25.0	50.0
Chlorobromomethane	FB	Ave	2379 112066	4607 214973	9475 421453	22492	43550	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrahydrofuran	FB	Ave	++++ 165489	7871 311372	14384 641633	35265	63873	++++ 50.0	2.00 100	4.00 200	10.0	20.0
Chloroform	FB	Ave	++++ 306258	13952 585355	28811 1188844	69416	128505	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1-Trichloroethane	FB	Ave	++++ 252137	11688 471867	23391 963455	52527	97943	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Cyclohexane	FB	Ave	7106 390583	17590 748457	36489 1481917	85706	157264	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon tetrachloride	FB	Ave	4578 232383	10490 451181	19884 898710	48377	90622	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloropropene	FB	Ave	4289 252689	10570 484150	22690 971178	56590	99389	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Isobutyl alcohol	FB	Ave	7489 314461	14839 585951	28167 1145560	63439	129282	12.5 625	25.0 1250	50.0 2500	125	250

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 333583

SDG No.: _____

Instrument ID: HP5973N

GC Column: ZB-624 (20) ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2016 18:51

Calibration End Date: 11/26/2016 21:59

Calibration ID: 29002

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Benzene	FB	Ave	15891 771251	35722 1434532	72022 2798441	163813	308260	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloroethane	FB	Ave	4648 246682	11082 478223	23499 975421	47895	102921	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Heptane	FB	Ave	7293 311657	14646 600367	32326 1183434	73480	128960	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichloroethene	FB	Ave	3594 182351	8561 357574	18260 720555	37772	74958	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methylcyclohexane	FB	Ave	6976 340955	14869 647995	30710 1292981	73797	136879	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloropropane	FB	Ave	++++ 197738	8537 390323	18181 776721	40891	78946	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromomethane	FB	Ave	++++ 110789	4945 218167	9206 433322	22500	45301	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dioxane	CBNZ d5	Ave	++++ 39315	2114 70178	3939 149236	7040	15840	++++ 500	20.0 1000	40.0 2000	100	200
Bromodichloromethane	FB	Ave	3825 220302	11294 441030	21510 894837	46220	89971	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	2811 130650	5213 260747	9630 550199	28425	51007	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,3-Dichloropropene	FB	Ave	5602 299706	13616 580392	24988 1176218	57694	115773	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	10440 473141	22059 891814	39055 1747672	95178	195304	2.50 125	5.00 250	10.0 500	25.0	50.0
Toluene	CBNZ d5	Ave	9181 458633	23122 859397	42099 1765642	97018	186430	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	5432 255689	9624 508043	22756 1040376	51178	99763	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 233867	10785 465432	20963 901013	49537	100129	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloroethane	CBNZ d5	Ave	3324 130515	5936 258753	11681 514702	28163	55911	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrachloroethene	CBNZ d5	Ave	3895 201600	9846 392494	19480 808851	46289	83341	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichloropropane	CBNZ d5	Ave	5717 270820	13270 524692	23836 1061718	54932	109948	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Hexanone	CBNZ d5	Ave	16189 755935	34772 1443443	69464 2705142	165440	329788	2.50 125	5.00 250	10.0 500	25.0	50.0
Dibromochloromethane	CBNZ d5	Ave	++++ 181305	7374 353343	13888 724086	34336	70453	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromoethane	CBNZ d5	Ave	3407 172013	7374 336699	14212 675903	33867	70225	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 333583

SDG No.: _____

Instrument ID: HP5973N

GC Column: ZB-624 (20) ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2016 18:51

Calibration End Date: 11/26/2016 21:59

Calibration ID: 29002

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorobenzene	CBNZ d5	Ave	11011 508350	24428 984717	47937 1965236	108474	205625	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3638 184836	8293 357681	16557 721400	38764	73989	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethylbenzene	CBNZ d5	Ave	17633 791860	38391 1522485	77235 2936532	175481	335701	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
m,p-Xylene	CBNZ d5	Ave	6730 332642	15505 658355	30637 1308971	73353	137182	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
o-Xylene	CBNZ d5	Ave	7608 351741	14144 668908	28553 1320015	69320	135449	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Styrene	CBNZ d5	Ave	10923 552718	26508 1084257	49150 2142226	121990	224733	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromoform	CBNZ d5	Ave	2282 113492	4896 232874	9721 486038	22702	46844	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Isopropylbenzene	DCBd 4	Ave	17661 835017	41052 1595835	80540 3067585	184917	340376	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromobenzene	DCBd 4	Ave	5035 227306	10619 439603	17614 901123	47644	94007	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 213562	9506 416280	18310 832153	41440	89410	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 65279	2451 130370	5098 254981	13326	27440	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 56764	2265 128497	3184 267403	9244	20491	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
N-Propylbenzene	DCBd 4	Ave	19648 935439	44512 1768863	92256 3364200	207346	389698	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chlorotoluene	DCBd 4	Ave	4030 201494	8431 396971	19505 793108	43061	87235	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	15112 704428	34726 1323289	64378 2541139	154697	281385	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Chlorotoluene	DCBd 4	Ave	12839 646884	31221 1233547	61041 2406571	140743	269877	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
tert-Butylbenzene	DCBd 4	Ave	3581 163295	8544 317886	15723 628963	32879	64802	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	15007 726368	32693 1348221	63877 2603921	156738	296428	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
sec-Butylbenzene	DCBd 4	Ave	16509 903072	42561 1692843	87030 3187486	202147	369553	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	8886 426600	19773 824072	41844 1601809	91234	177592	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Isopropyltoluene	DCBd 4	Ave	16358 768559	36081 1453376	72784 2763464	167461	323557	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 333583

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2016 18:51 Calibration End Date: 11/26/2016 21:59 Calibration ID: 29002

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
1,4-Dichlorobenzene	DCBd 4	Ave	9304 434793	20806 842669	37426 1645495	89981	181463	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Butylbenzene	DCBd 4	Ave	15401 662307	29607 1256419	61907 2361226	141940	269527	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	8545 414966	19632 802946	35349 1552333	86286	170535	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 35215	1306 74418	2400 153144	6439	14309	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	5555 290177	11981 575969	25386 1117989	60905	115927	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 121634	5879 232498	12126 462922	25425	49492	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Naphthalene	DCBd 4	Ave	14201 721010	30604 1380599	60506 2729094	144833	291100	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	4806 263928	11491 518346	22827 1038536	54108	108172	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromofluoromethane (Surr)	FB	Ave	173345 172592	176225 167950	175229 171067	174102	175468	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	191290 194241	187381 186150	187175 185676	184185	192575	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
Toluene-d8 (Surr)	CBNZ d5	Ave	646958 650489	640064 652829	645617 661321	648400	651169	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	220060 222645	224002 219535	215565 217286	220782	220657	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0

Curve Type Legend:

Ave = Average ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0847.D
 Lims ID: IC 0.5
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 26-Nov-2016 18:51:30 ALS Bottle#: 32 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ic 0.5
 Misc. Info.: 480-0058663-005
 Operator ID: GTG Instrument ID: HP5973N
 Sublist: chrom-N-8260*sub38
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 08-Dec-2016 13:45:02 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK055

First Level Reviewer: archern

Date: 27-Nov-2016 18:14:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	136813	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	511817	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	94	272951	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	94	173345	25.0	25.3	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.242	-0.006	0	191290	25.0	25.6	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	91	646958	25.0	24.8	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.774	-0.006	95	220060	25.0	24.9	
11 Dichlorodifluoromethane	85	1.379	1.373	0.006	33	2551	0.5000	0.3872	
13 Chloromethane	50	1.531	1.531	0.000	95	8181	0.5000	0.6997	
14 Vinyl chloride	62	1.634	1.641	-0.006	33	4787	0.5000	0.5125	
144 Butadiene	54	1.653	1.659	-0.006	94	6360	0.5000	0.5340	
15 Bromomethane	94	1.951	1.933	0.018	14	2490	0.5000	0.6002	
16 Chloroethane	64	2.048	2.042	0.006	27	3317	0.5000	0.6329	
17 Dichlorofluoromethane	67	2.261	2.261	0.000	3	9498	0.5000	0.7919	
18 Trichlorofluoromethane	101	2.261	2.285	-0.024	6	3923	0.5000	0.4414	
19 Ethyl ether	59	2.559	2.559	0.000	77	3504	0.5000	0.4550	
20 Acrolein	56	2.723	2.717	0.006	41	7960	2.50	4.05	
22 1,1-Dichloroethene	96	2.784	2.772	0.012	37	3729	0.5000	0.4818	
21 1,1,2-Trichloro-1,2,2-trif	101	2.772	2.784	-0.012	1	3963	0.5000	0.5389	
23 Acetone	43	2.875	2.869	0.006	85	9580	2.50	3.46	M
24 Iodomethane	142	2.924	2.924	0.000	95	6554	0.5000	0.4773	
25 Carbon disulfide	76	2.973	2.973	0.000	95	12446	0.5000	0.4939	
27 3-Chloro-1-propene	41	3.143	3.137	0.006	40	9311	0.5000	0.6534	M
28 Methyl acetate	43	3.186	3.174	0.012	94	22119	2.50	2.83	M
30 Methylene Chloride	84	3.259	3.271	-0.012	96	6347	0.5000	0.7152	
31 2-Methyl-2-propanol	59	3.435	3.429	0.006	26	6098	5.00	5.16	
32 Methyl tert-butyl ether	73	3.508	3.502	0.006	82	14370	0.5000	0.5797	
33 trans-1,2-Dichloroethene	96	3.514	3.514	0.000	66	4453	0.5000	0.5347	
34 Acrylonitrile	53	3.539	3.532	0.007	97	22064	5.00	5.37	
35 Hexane	57	3.727	3.733	-0.006	86	6478	0.5000	0.4611	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.922	3.922	0.000	93	8188	0.5000	0.5350	
39 Vinyl acetate	43	3.977	3.971	0.006	95	21165	1.00	1.07	
42 2,2-Dichloropropane	77	4.451	4.451	0.000	33	4206	0.5000	0.5080	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	74	4836	0.5000	0.5383	
44 2-Butanone (MEK)	43	4.512	4.494	0.018	99	15520	2.50	3.54	M
47 Chlorobromomethane	128	4.713	4.701	0.012	90	2379	0.5000	0.5342	
49 Tetrahydrofuran	42	4.743	4.731	0.012	65	5117	1.00	1.52	
50 Chloroform	83	4.774	4.780	-0.006	90	7653	0.5000	0.5952	
51 1,1,1-Trichloroethane	97	4.907	4.913	-0.006	35	4188	0.5000	0.4068	
52 Cyclohexane	56	4.938	4.932	0.006	32	7106	0.5000	0.4471	
53 Carbon tetrachloride	117	5.053	5.059	-0.006	88	4578	0.5000	0.4888	
54 1,1-Dichloropropene	75	5.066	5.059	0.007	83	4289	0.5000	0.4262	
56 Isobutyl alcohol	43	5.242	5.242	0.000	37	7489	12.5	14.4	M
55 Benzene	78	5.260	5.260	0.000	93	15891	0.5000	0.5038	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	21	4648	0.5000	0.4624	
59 n-Heptane	43	5.467	5.467	0.000	64	7293	0.5000	0.5385	
60 Trichloroethene	95	5.875	5.875	0.000	87	3594	0.5000	0.4713	
62 Methylcyclohexane	83	6.015	6.015	0.000	82	6976	0.5000	0.5022	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	23	3201	0.5000	0.3960	
64 Dibromomethane	93	6.228	6.234	-0.006	66	1860	0.5000	0.4151	
66 1,4-Dioxane	88	6.252	6.246	0.006	1	574	10.0	6.92	M
67 Dichlorobromomethane	83	6.386	6.386	0.000	18	3825	0.5000	0.4146	
69 2-Chloroethyl vinyl ether	63	6.666	6.666	0.000	24	2811	0.5000	0.5358	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	37	5602	0.5000	0.4725	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	94	10440	2.50	2.67	
73 Toluene	92	7.104	7.110	-0.006	98	9181	0.5000	0.4750	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	51	5432	0.5000	0.5213	
77 Ethyl methacrylate	69	7.432	7.426	0.006	87	6600	0.5000	0.6666	
78 1,1,2-Trichloroethane	83	7.560	7.554	0.006	81	3324	0.5000	0.5852	
79 Tetrachloroethene	166	7.645	7.651	-0.006	89	3895	0.5000	0.4492	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	55	5717	0.5000	0.5023	
82 2-Hexanone	43	7.791	7.785	0.006	94	16189	2.50	2.53	
83 Chlorodibromomethane	129	7.955	7.955	0.000	4	2704	0.5000	0.3776	
84 Ethylene Dibromide	107	8.065	8.065	0.000	39	3407	0.5000	0.4886	
85 Chlorobenzene	112	8.558	8.551	0.007	90	11011	0.5000	0.5082	
89 1,1,1,2-Tetrachloroethane	131	8.649	8.649	0.000	43	3638	0.5000	0.4762	
88 Ethylbenzene	91	8.655	8.655	0.000	96	17633	0.5000	0.5149	
90 m-Xylene & p-Xylene	106	8.783	8.777	0.006	0	6730	0.5000	0.4770	M
91 o-Xylene	106	9.202	9.202	0.000	92	7608	0.5000	0.5418	
92 Styrene	104	9.221	9.227	-0.006	45	10923	0.5000	0.4696	
93 Bromoform	173	9.458	9.458	0.000	4	2282	0.5000	0.4827	
95 Isopropylbenzene	105	9.586	9.586	0.000	93	17661	0.5000	0.4968	
97 Bromobenzene	156	9.920	9.920	0.000	87	5035	0.5000	0.5327	
98 1,1,2,2-Tetrachloroethane	83	9.945	9.951	-0.006	1	5561	0.5000	0.6346	
99 1,2,3-Trichloropropane	110		9.987				ND	ND	
101 trans-1,4-Dichloro-2-buten	53		10.005				ND	ND	
100 N-Propylbenzene	91	10.012	10.012	0.000	98	19648	0.5000	0.4950	
102 2-Chlorotoluene	126	10.109	10.109	0.000	95	4030	0.5000	0.4761	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	92	15112	0.5000	0.5103	
105 4-Chlorotoluene	91	10.218	10.218	0.000	93	12839	0.5000	0.4717	
106 tert-Butylbenzene	134	10.504	10.504	0.000	91	3581	0.5000	0.5119	
108 1,2,4-Trimethylbenzene	105	10.553	10.559	-0.006	96	15007	0.5000	0.5036	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.717	10.717	0.000	91	16509	0.5000	0.4416	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	91	8886	0.5000	0.4922	
111 4-Isopropyltoluene	119	10.857	10.857	0.000	95	16358	0.5000	0.5050	
113 1,4-Dichlorobenzene	146	10.930	10.930	0.000	30	9304	0.5000	0.5117	
115 n-Butylbenzene	91	11.240	11.240	0.000	96	15401	0.5000	0.5537	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	96	8545	0.5000	0.4977	
117 1,2-Dibromo-3-Chloropropan	75		11.989				ND	ND	M
119 1,2,4-Trichlorobenzene	180	12.688	12.682	0.006	16	5555	0.5000	0.4718	
120 Hexachlorobutadiene	225	12.804	12.810	-0.006	81	2189	0.5000	0.4229	
121 Naphthalene	128	12.889	12.895	-0.006	39	14201	0.5000	0.4899	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	38	4806	0.5000	0.4482	
S 125 Total BTEX	1				0			2.51	
S 126 Xylenes, Total	1				0			1.02	
S 123 1,3-Dichloropropene, Total	1				0			0.99	
S 124 1,2-Dichloroethene, Total	1				0			1.07	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00086	Amount Added: 0.50	Units: uL	
GAS CORP mix_00192	Amount Added: 0.50	Units: uL	
N_8260_Surr_00219	Amount Added: 1.00	Units: uL	Run Reagent
N 8260 IS_00043	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0847.D

Injection Date: 26-Nov-2016 18:51:30

Instrument ID: HP5973N

Operator ID: GTG

Lims ID: IC 0.5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

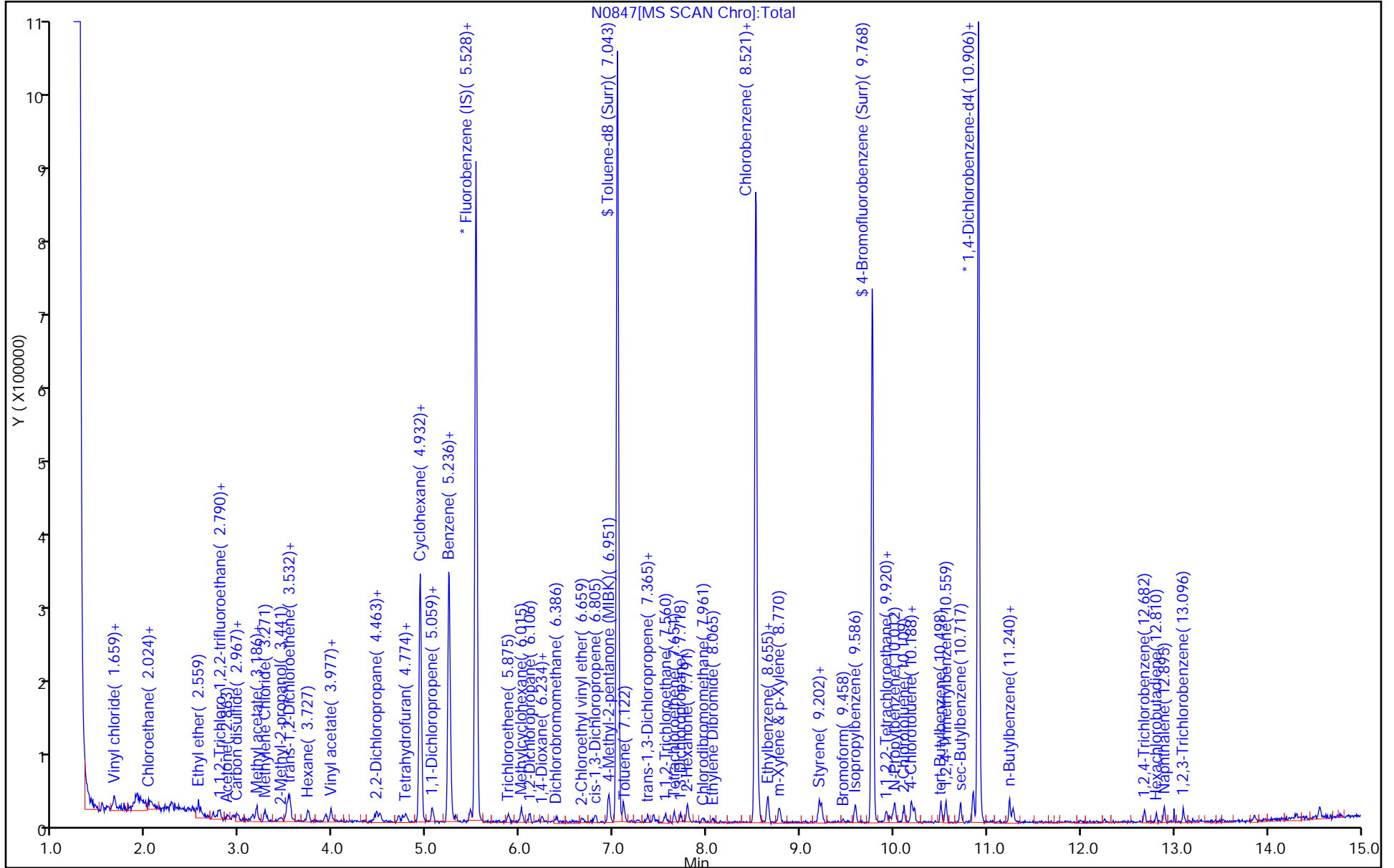
Dil. Factor: 1.0000

ALS Bottle#: 32

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

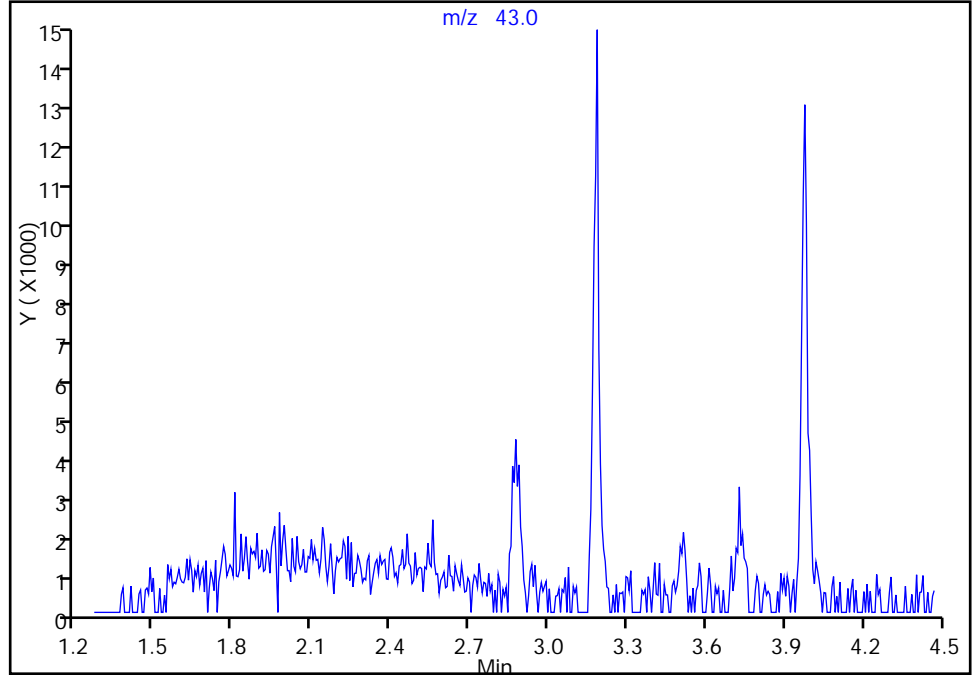
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Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

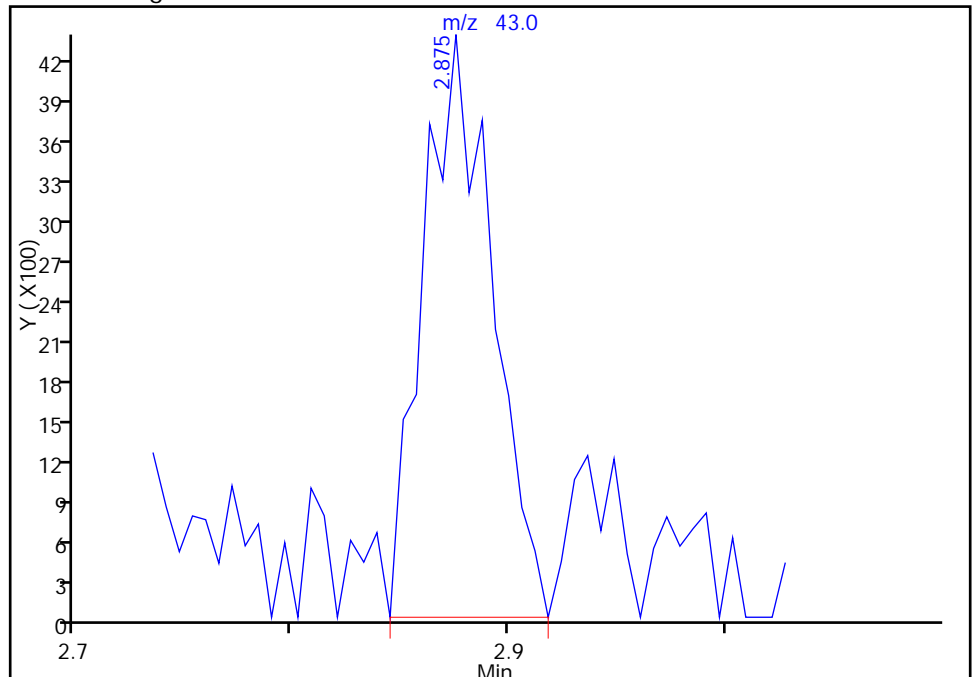
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Expected RT: 2.87

Processing Integration Results



RT: 2.88
Area: 9580
Amount: 3.463853
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:14:06
Audit Action: Assigned Compound ID

Audit Reason: Poor chromatography

TestAmerica Buffalo

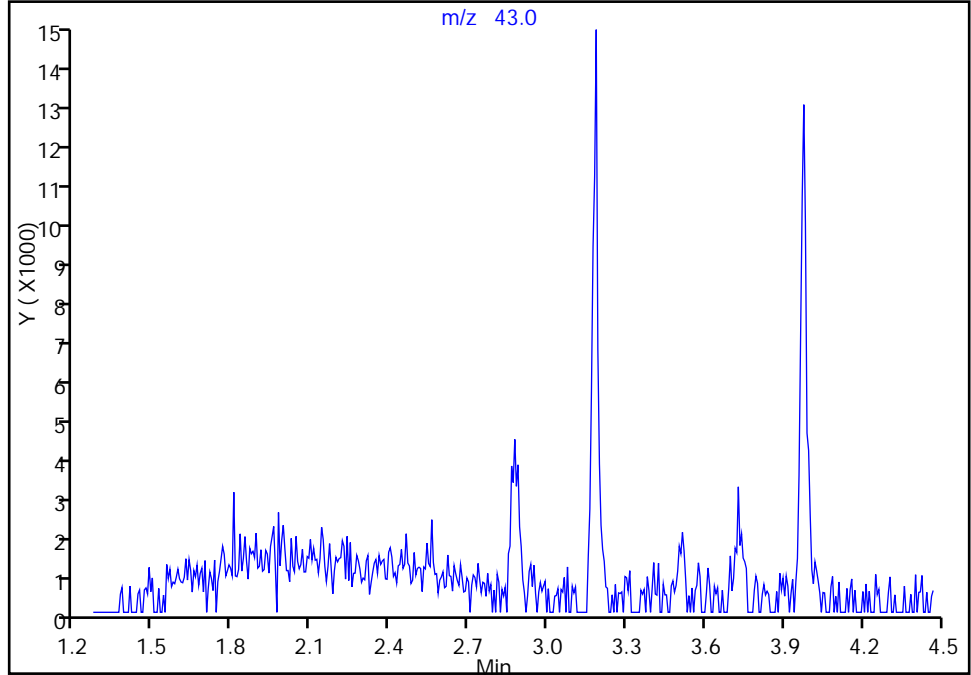
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Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

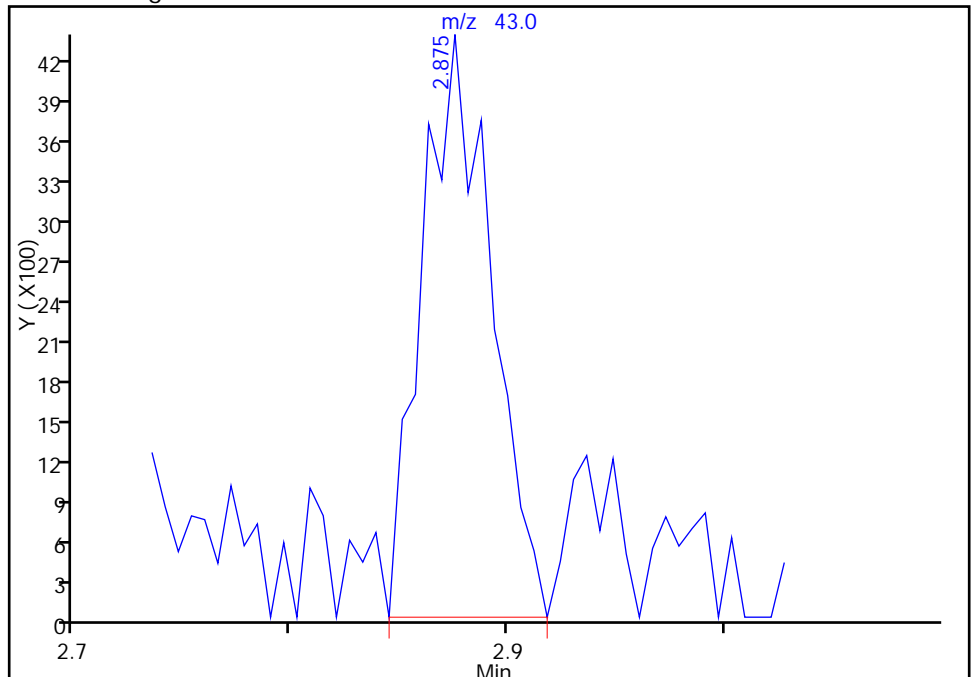
Not Detected
Expected RT: 2.87

Processing Integration Results



Manual Integration Results

RT: 2.88
Area: 9580
Amount: 3.463853
Amount Units: ug/L



Reviewer: archern, 27-Nov-2016 18:14:06

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

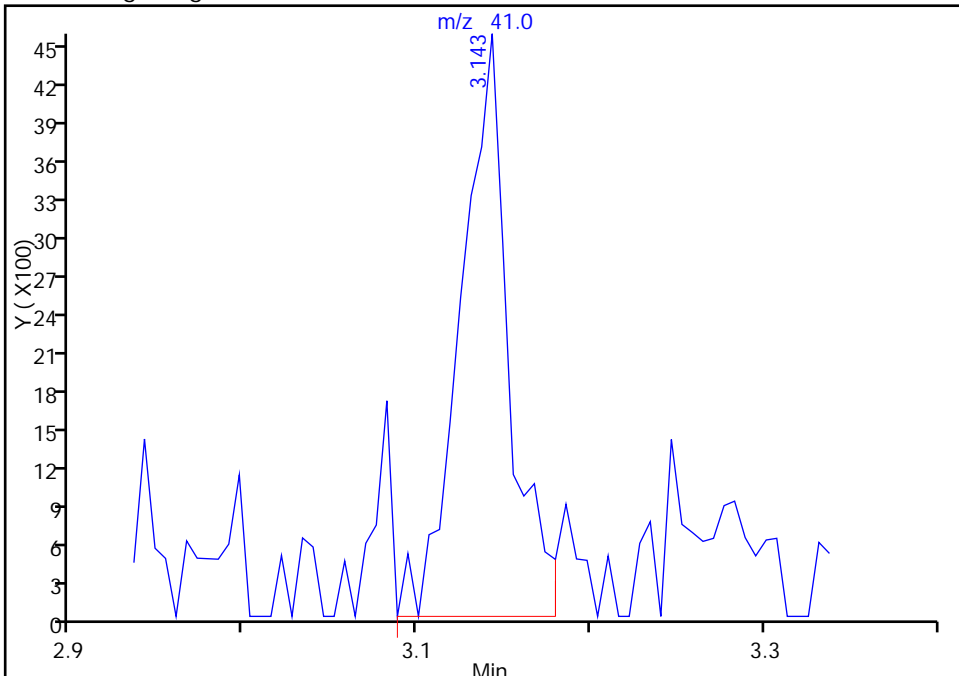
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Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

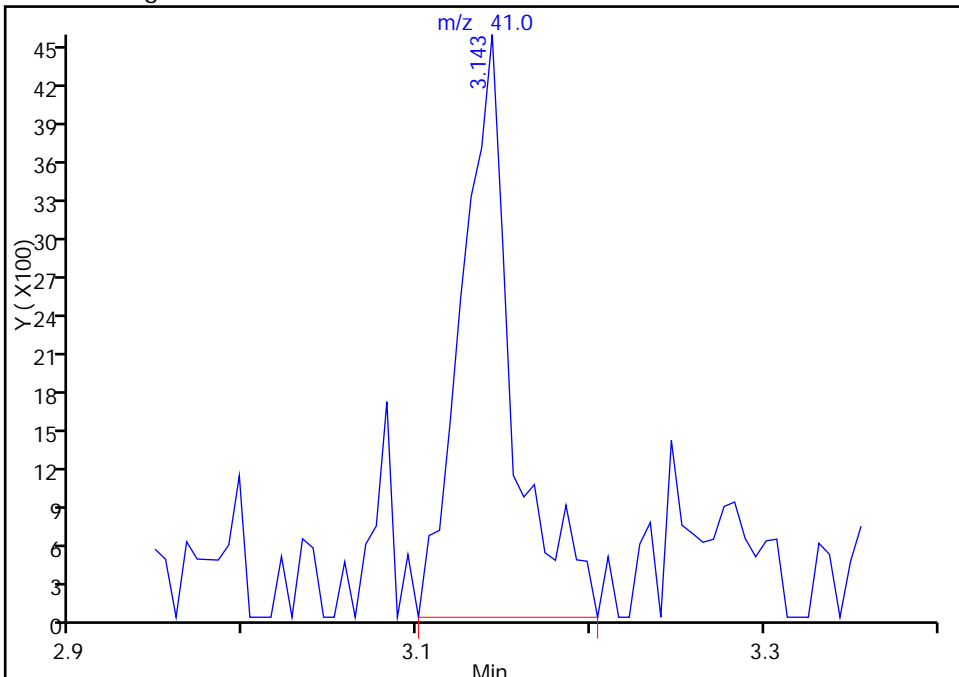
RT: 3.14
Area: 8847
Amount: 0.593322
Amount Units: ug/L

Processing Integration Results



RT: 3.14
Area: 9311
Amount: 0.653415
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:14:06
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

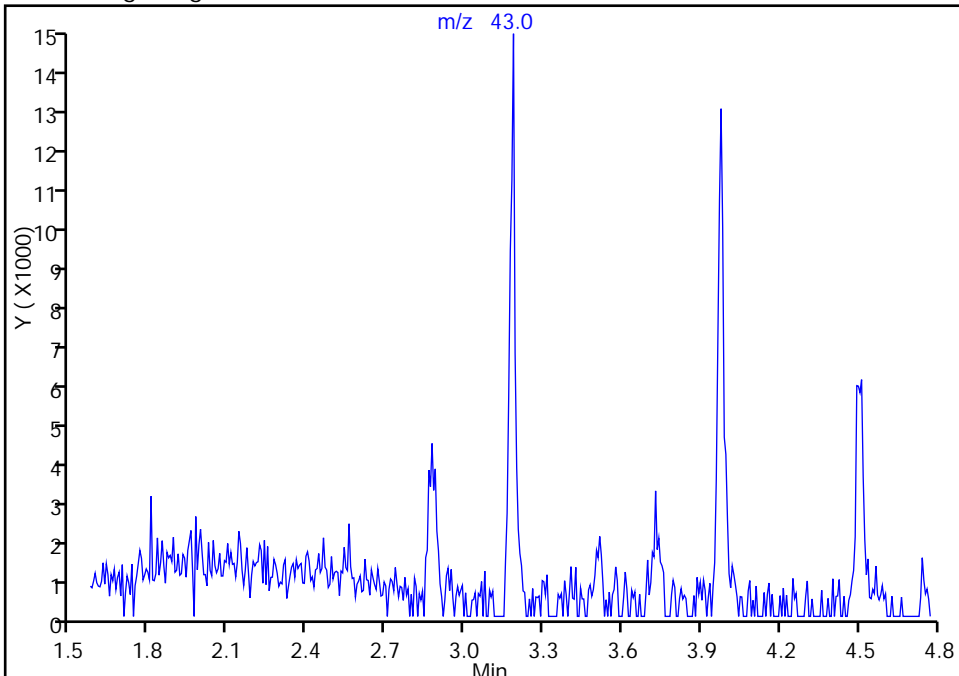
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Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

28 Methyl acetate, CAS: 79-20-9

Signal: 1

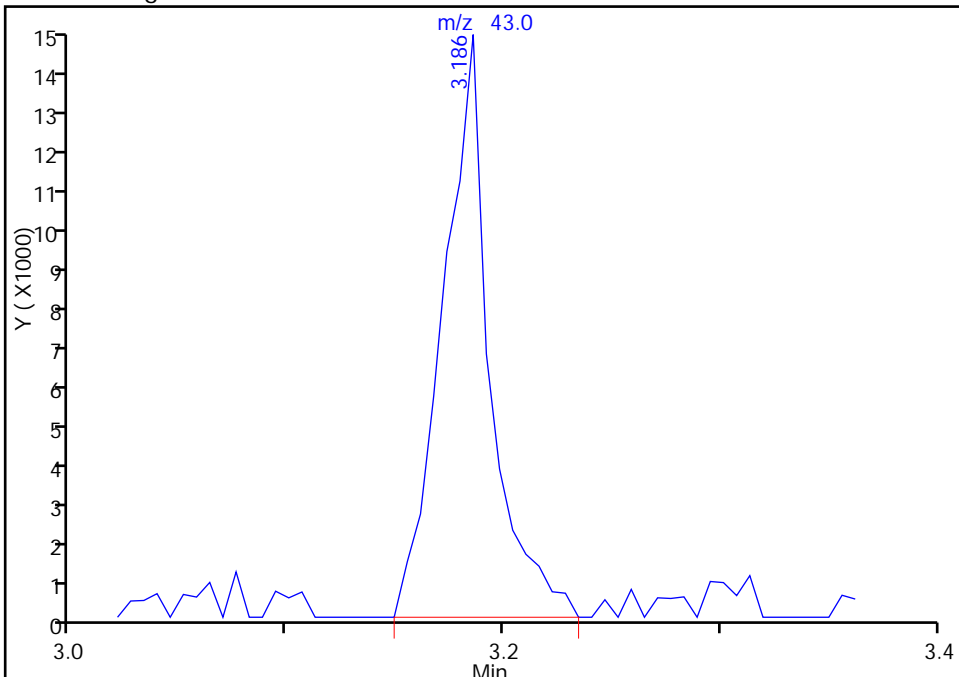
Not Detected
Expected RT: 3.17

Processing Integration Results



Manual Integration Results

RT: 3.19
Area: 22119
Amount: 2.827241
Amount Units: ug/L



Reviewer: archern, 27-Nov-2016 18:14:06
Audit Action: Assigned Compound ID

Audit Reason: Poor chromatography

TestAmerica Buffalo

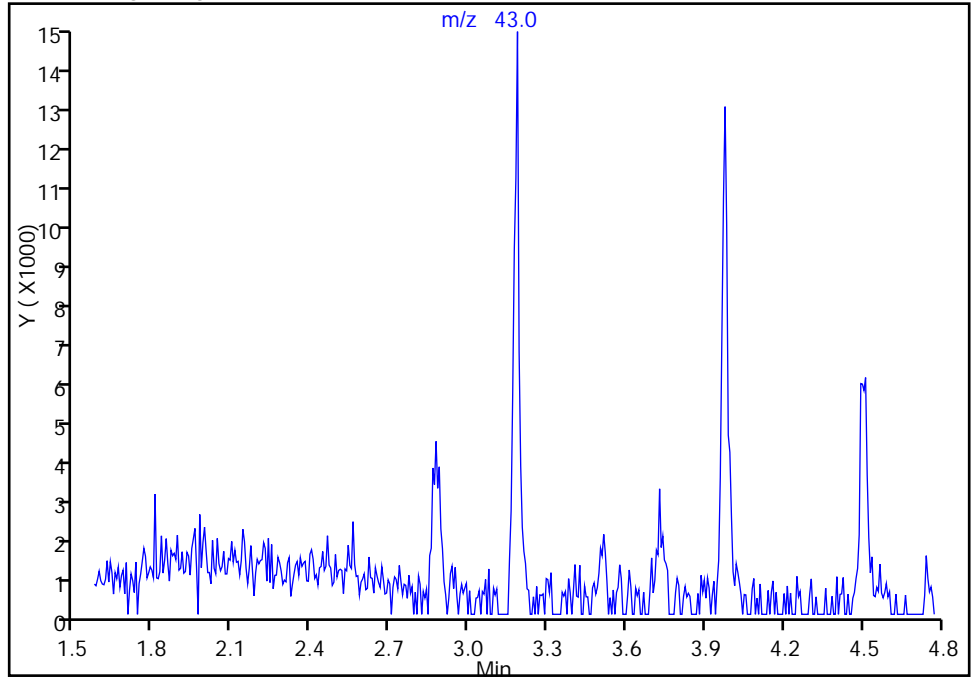
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Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

28 Methyl acetate, CAS: 79-20-9

Signal: 1

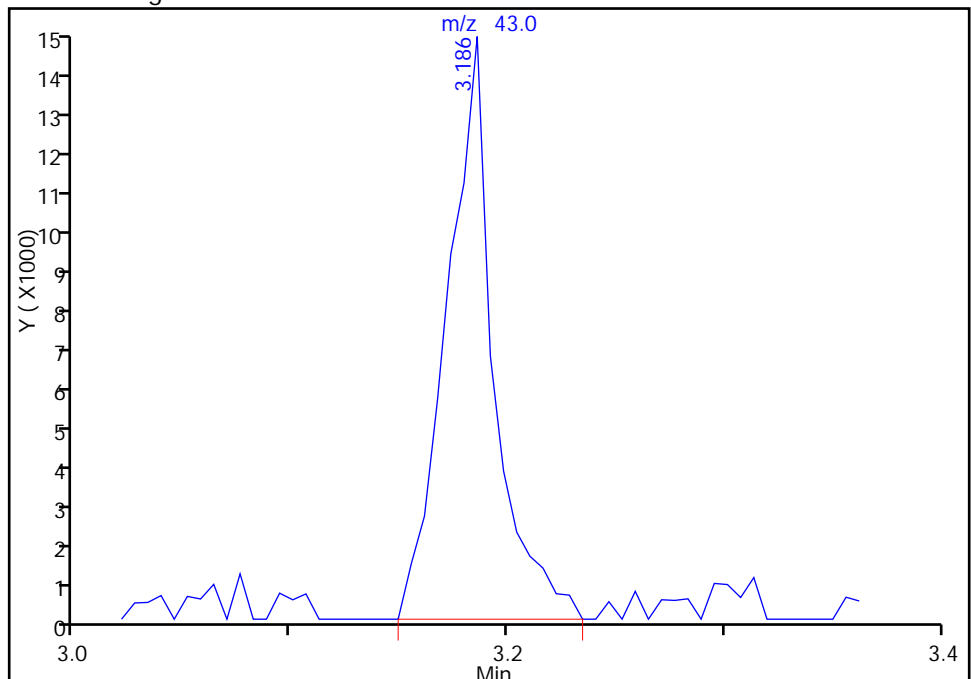
Not Detected
Expected RT: 3.17

Processing Integration Results



Manual Integration Results

RT: 3.19
Area: 22119
Amount: 2.827241
Amount Units: ug/L



Reviewer: archern, 27-Nov-2016 18:14:06

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

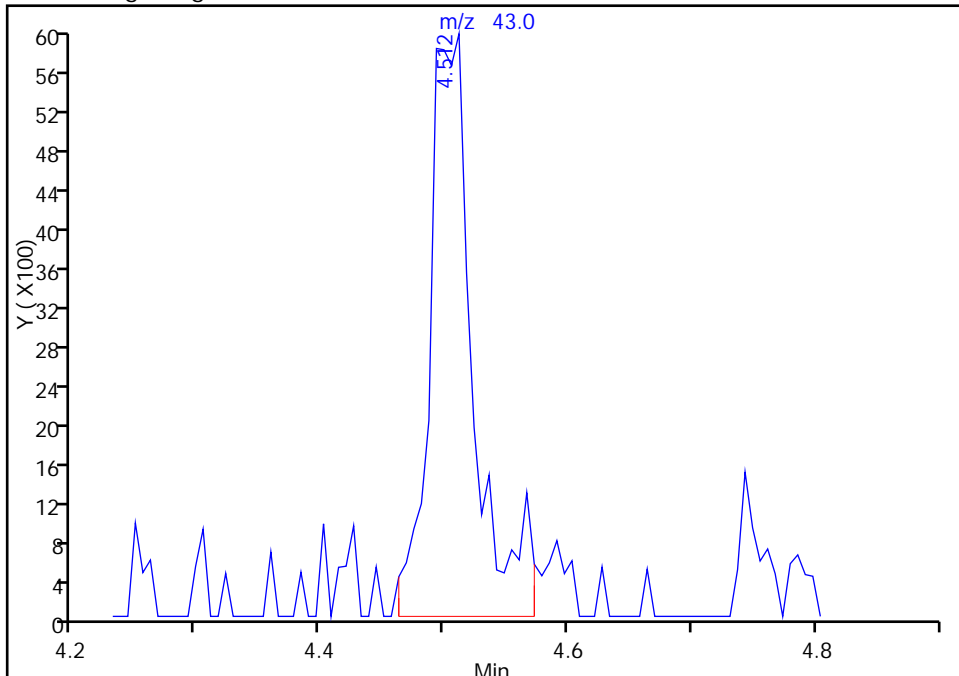
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Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

44 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

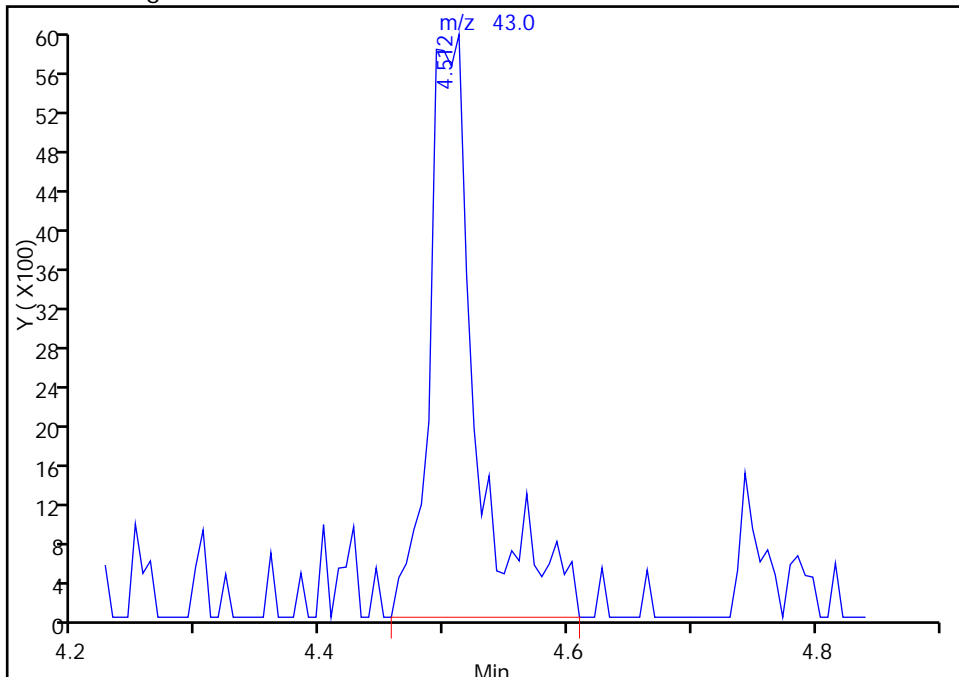
RT: 4.51
Area: 14526
Amount: 3.182899
Amount Units: ug/L

Processing Integration Results



RT: 4.51
Area: 15520
Amount: 3.538795
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:14:06
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

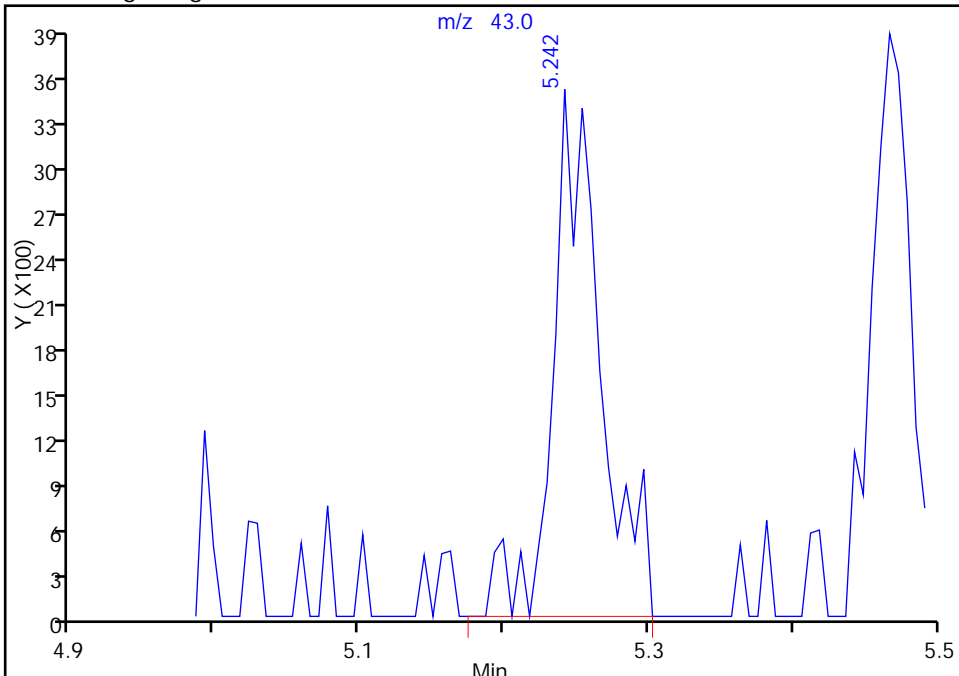
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0847.D
Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

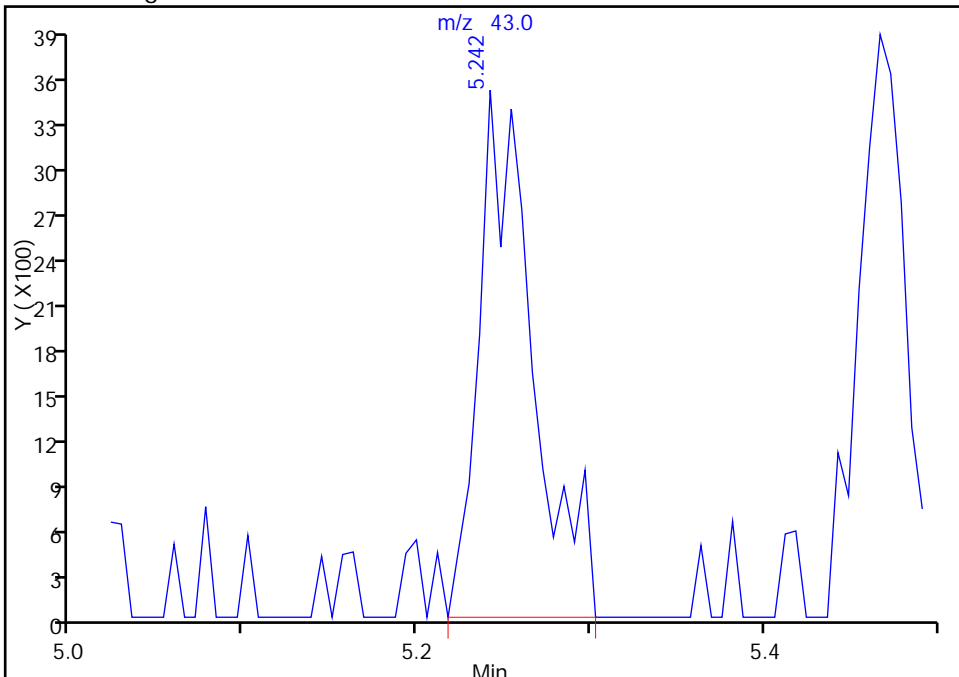
RT: 5.24
Area: 7983
Amount: 15.073669
Amount Units: ug/L

Processing Integration Results



RT: 5.24
Area: 7489
Amount: 14.356578
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:14:06
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

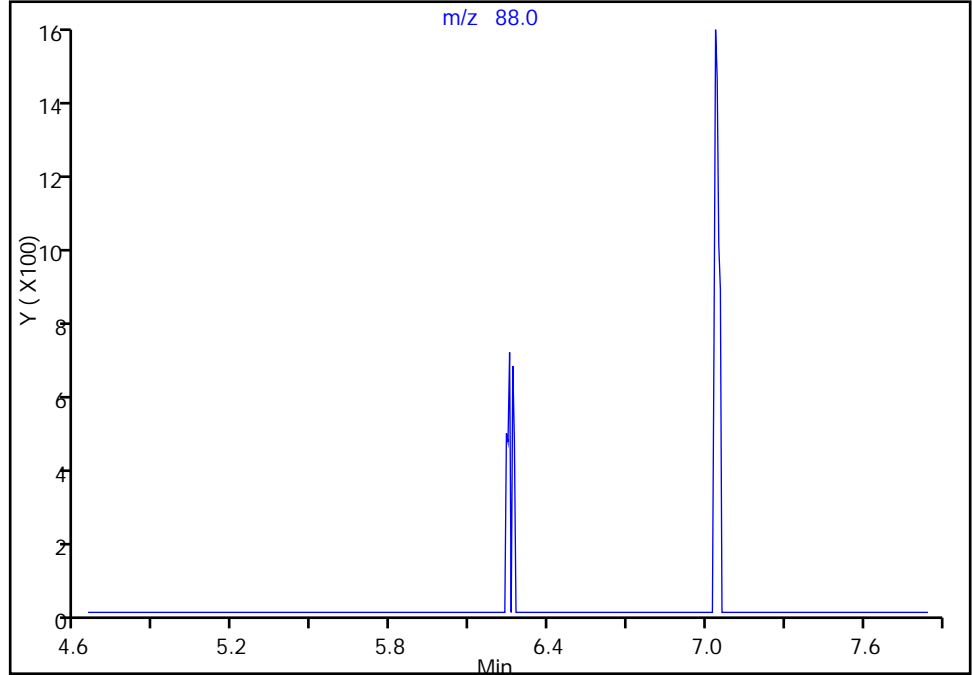
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0847.D
Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

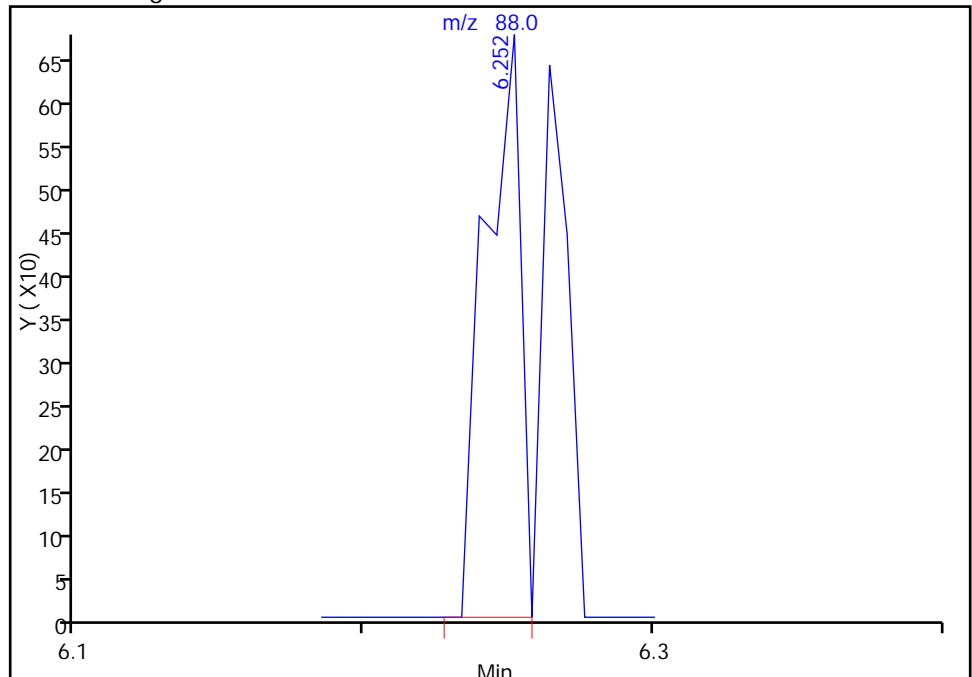
Not Detected
Expected RT: 6.25

Processing Integration Results



Manual Integration Results

RT: 6.25
Area: 574
Amount: 6.918504
Amount Units: ug/L



Reviewer: archern, 27-Nov-2016 18:14:06
Audit Action: Assigned Compound ID

Audit Reason: Poor chromatography

TestAmerica Buffalo

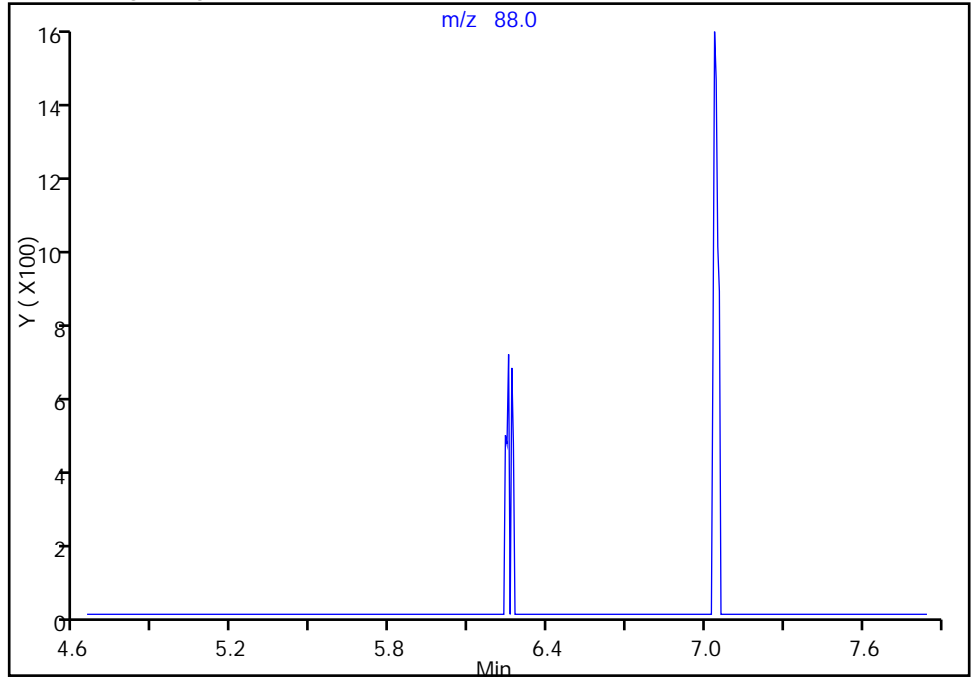
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Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

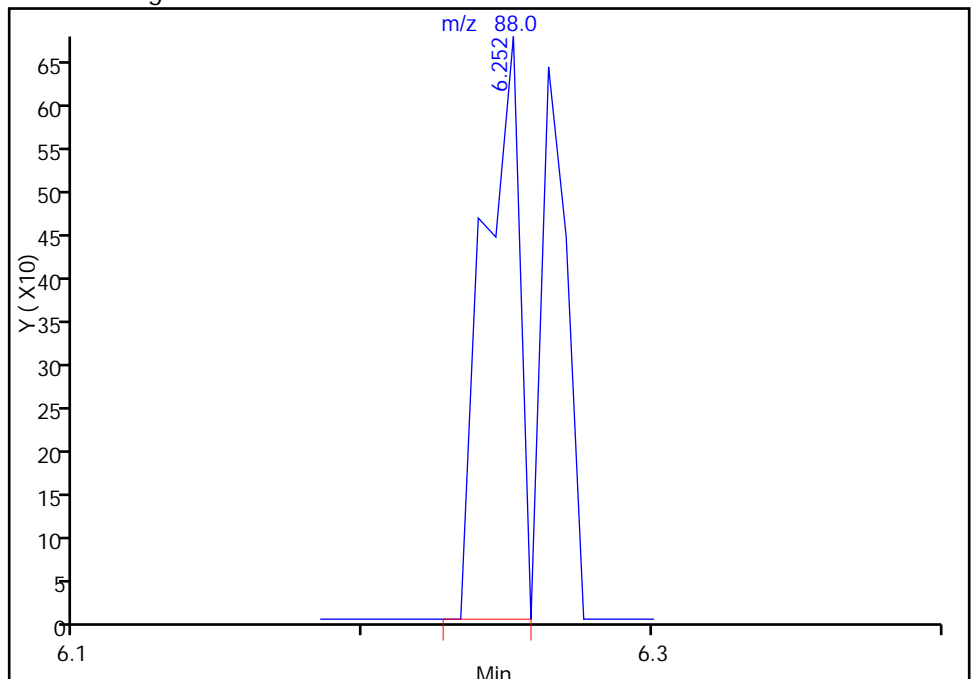
Not Detected
Expected RT: 6.25

Processing Integration Results



Manual Integration Results

RT: 6.25
Area: 574
Amount: 6.918504
Amount Units: ug/L



Reviewer: archern, 27-Nov-2016 18:14:06

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

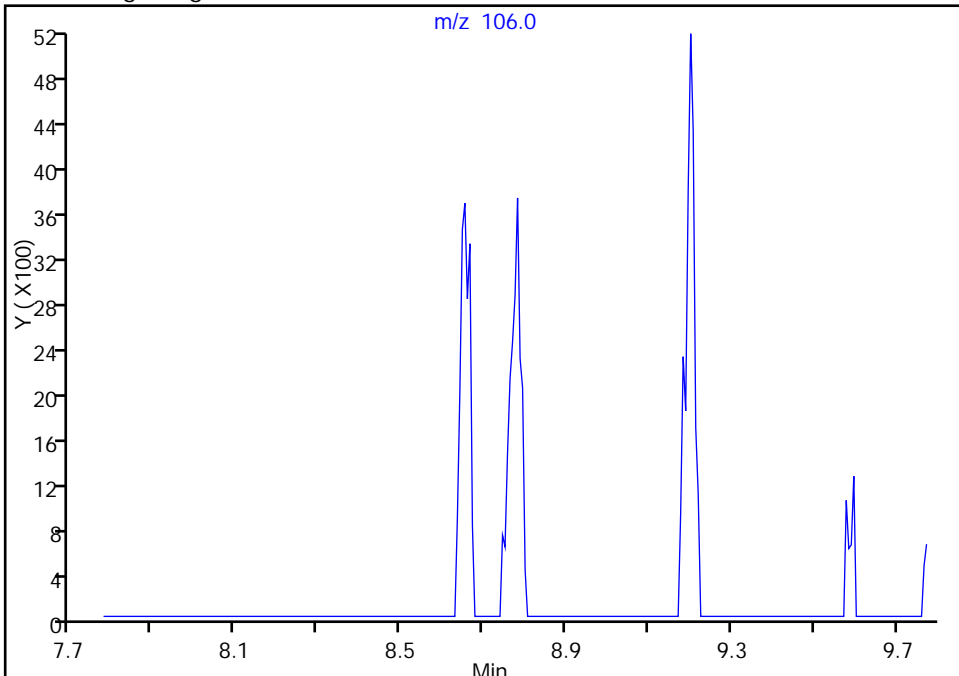
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Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

90 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

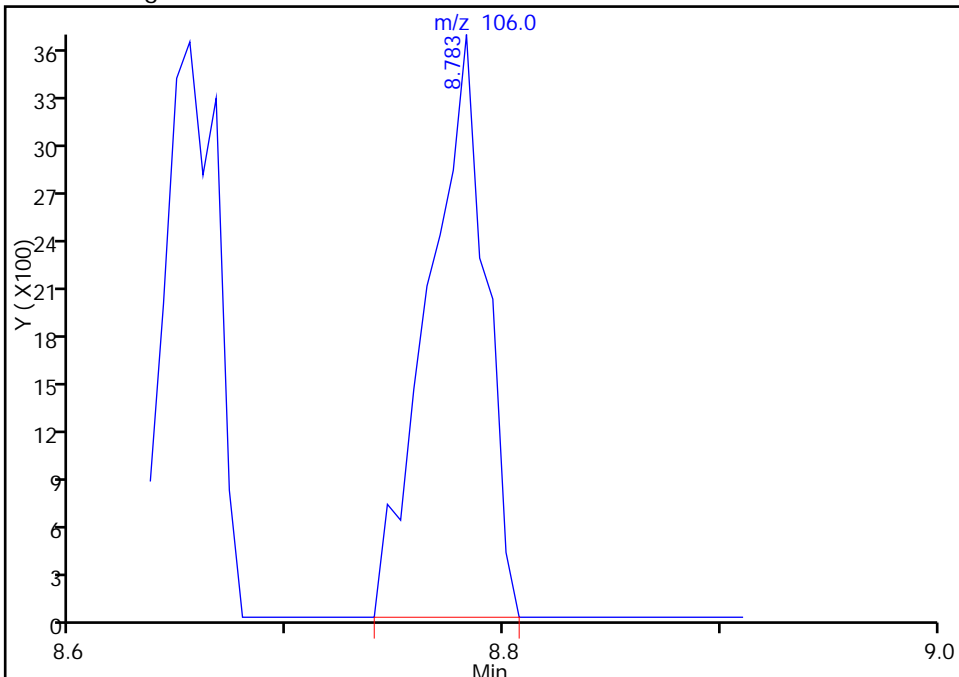
Not Detected
Expected RT: 8.78

Processing Integration Results



RT: 8.78
Area: 6730
Amount: 0.476954
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:14:06
Audit Action: Assigned Compound ID

Audit Reason: Poor chromatography

TestAmerica Buffalo

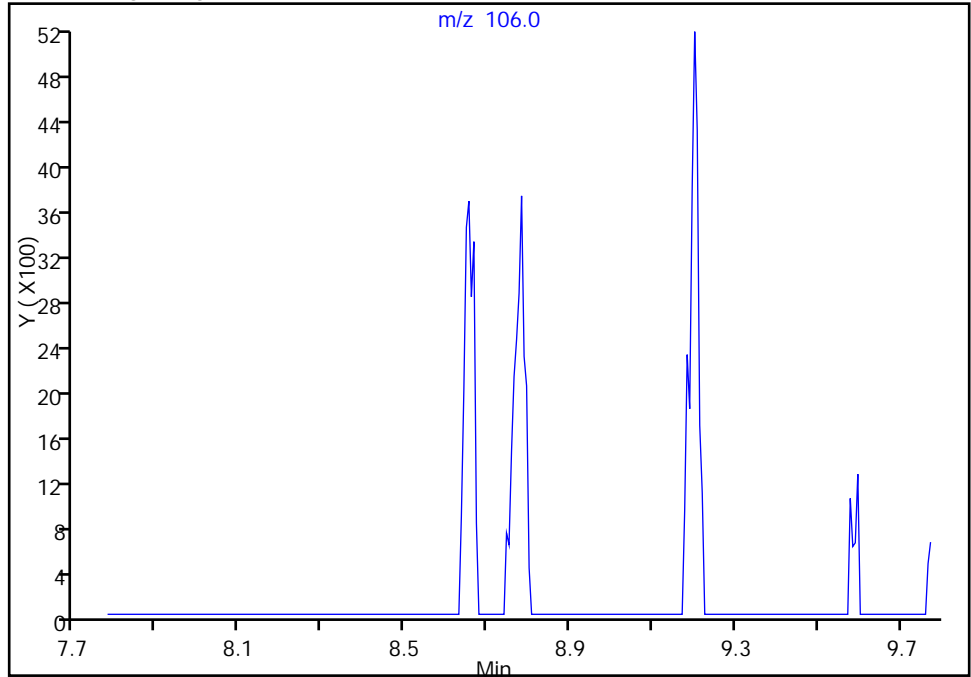
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Injection Date: 26-Nov-2016 18:51:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 32 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

90 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

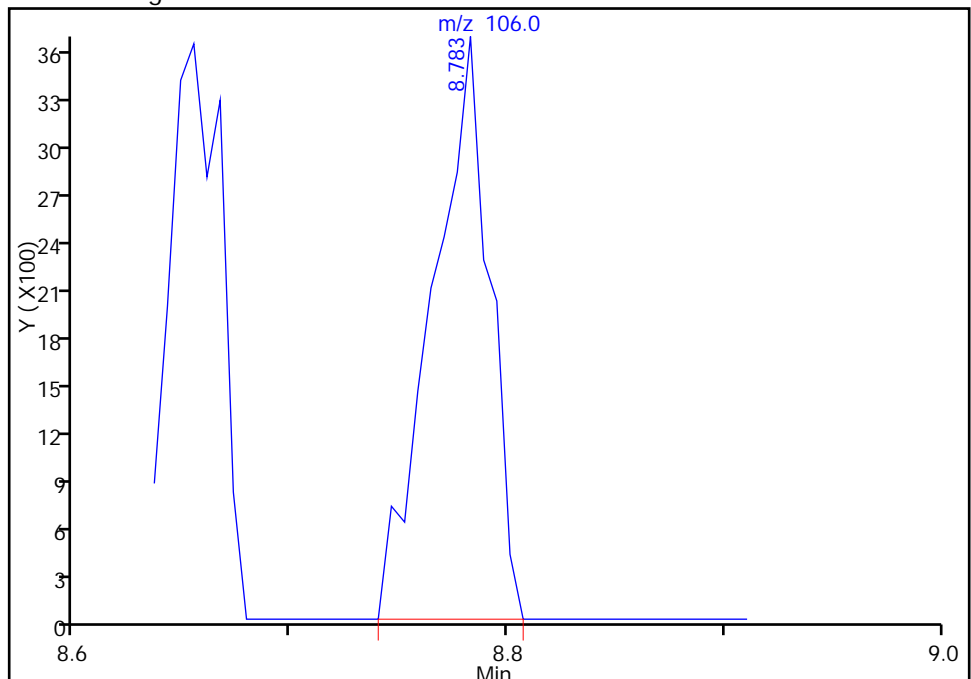
Not Detected
Expected RT: 8.78

Processing Integration Results



Manual Integration Results

RT: 8.78
Area: 6730
Amount: 0.476954
Amount Units: ug/L



Reviewer: archern, 27-Nov-2016 18:14:06

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0848.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 26-Nov-2016 19:18:30 ALS Bottle#: 33 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ic
 Misc. Info.: 480-0058663-006
 Operator ID: GTG Instrument ID: HP5973N
 Sublist: chrom-N-8260*sub38
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 08-Dec-2016 13:45:06 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK055

First Level Reviewer: archern Date: 27-Nov-2016 18:17:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	139607	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	85	512592	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	94	273811	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	94	176225	25.0	25.2	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.242	-0.006	0	187381	25.0	24.6	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	640064	25.0	24.5	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.774	-0.006	94	224002	25.0	25.3	
11 Dichlorodifluoromethane	85	1.367	1.373	-0.006	61	7087	1.00	1.05	
13 Chloromethane	50	1.525	1.531	-0.006	99	15158	1.00	1.27	
14 Vinyl chloride	62	1.646	1.641	0.006	87	11564	1.00	1.21	
144 Butadiene	54	1.659	1.659	0.000	91	13795	1.00	1.14	
15 Bromomethane	94	1.926	1.933	-0.007	58	5299	1.00	1.25	
16 Chloroethane	64	2.042	2.042	0.000	95	6763	1.00	1.26	
17 Dichlorofluoromethane	67	2.255	2.261	-0.006	95	14856	1.00	1.21	
18 Trichlorofluoromethane	101	2.261	2.285	-0.024	57	10374	1.00	1.14	
19 Ethyl ether	59	2.565	2.559	0.006	96	9151	1.00	1.16	
20 Acrolein	56	2.723	2.717	0.006	91	12204	5.00	6.08	
22 1,1-Dichloroethene	96	2.778	2.772	0.006	95	9017	1.00	1.14	
21 1,1,2-Trichloro-1,2,2-trif	101	2.790	2.784	0.006	71	6785	1.00	0.9043	
23 Acetone	43	2.869	2.869	0.000	96	17265	5.00	6.12	M
24 Iodomethane	142	2.930	2.924	0.006	91	16621	1.00	1.19	
25 Carbon disulfide	76	2.973	2.973	0.000	98	27907	1.00	1.09	
27 3-Chloro-1-propene	41	3.131	3.137	-0.006	94	14580	1.00	1.00	M
28 Methyl acetate	43	3.180	3.174	0.006	98	45182	5.00	5.66	M
30 Methylene Chloride	84	3.271	3.271	0.000	98	11049	1.00	1.22	
31 2-Methyl-2-propanol	59	3.429	3.429	0.000	96	14104	10.0	11.7	
32 Methyl tert-butyl ether	73	3.508	3.502	0.006	92	28790	1.00	1.14	
33 trans-1,2-Dichloroethene	96	3.514	3.514	0.000	95	9186	1.00	1.08	
34 Acrylonitrile	53	3.532	3.532	0.000	99	46398	10.0	11.1	
35 Hexane	57	3.733	3.733	0.000	95	15899	1.00	1.11	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.922	3.922	0.000	96	15756	1.00	1.01	
39 Vinyl acetate	43	3.977	3.971	0.005	96	45413	2.00	2.25	
42 2,2-Dichloropropane	77	4.451	4.451	0.000	82	10282	1.00	1.22	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	78	10017	1.00	1.09	
44 2-Butanone (MEK)	43	4.500	4.494	0.006	98	25048	5.00	5.60	
47 Chlorobromomethane	128	4.700	4.701	-0.001	88	4607	1.00	1.01	
49 Tetrahydrofuran	42	4.737	4.731	0.006	93	7871	2.00	2.29	
50 Chloroform	83	4.773	4.780	-0.007	87	13952	1.00	1.06	
51 1,1,1-Trichloroethane	97	4.913	4.913	0.000	96	11688	1.00	1.11	
52 Cyclohexane	56	4.932	4.932	0.000	35	17590	1.00	1.08	
53 Carbon tetrachloride	117	5.059	5.059	0.000	75	10490	1.00	1.10	
54 1,1-Dichloropropene	75	5.065	5.059	0.006	92	10570	1.00	1.03	
56 Isobutyl alcohol	43	5.242	5.242	0.000	41	14839	25.0	27.9	M
55 Benzene	78	5.254	5.260	-0.006	92	35722	1.00	1.11	M
57 1,2-Dichloroethane	62	5.309	5.309	0.000	94	11082	1.00	1.08	
59 n-Heptane	43	5.467	5.467	0.000	90	14646	1.00	1.06	
60 Trichloroethene	95	5.868	5.875	-0.007	94	8561	1.00	1.10	M
62 Methylcyclohexane	83	6.015	6.015	-0.001	92	14869	1.00	1.05	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	93	8537	1.00	1.04	
64 Dibromomethane	93	6.234	6.234	0.000	85	4945	1.00	1.08	
66 1,4-Dioxane	88	6.240	6.246	-0.006	1	2114	20.0	25.4	M
67 Dichlorobromomethane	83	6.386	6.386	0.000	96	11294	1.00	1.20	
69 2-Chloroethyl vinyl ether	63	6.659	6.666	-0.007	89	5213	1.00	0.9737	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	94	13616	1.00	1.13	
72 4-Methyl-2-pentanone (MIBK)	58	6.951	6.945	0.006	95	22059	5.00	5.64	
73 Toluene	92	7.103	7.110	-0.007	98	23122	1.00	1.19	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	90	9624	1.00	0.9222	
77 Ethyl methacrylate	69	7.426	7.426	0.000	92	10785	1.00	1.09	
78 1,1,2-Trichloroethane	83	7.560	7.554	0.006	85	5936	1.00	1.04	
79 Tetrachloroethene	166	7.651	7.651	0.000	85	9846	1.00	1.13	
80 1,3-Dichloropropane	76	7.724	7.718	0.006	51	13270	1.00	1.16	
82 2-Hexanone	43	7.791	7.785	0.006	94	34772	5.00	5.43	
83 Chlorodibromomethane	129	7.955	7.955	0.000	84	7374	1.00	1.03	
84 Ethylene Dibromide	107	8.059	8.065	-0.006	97	7374	1.00	1.06	
85 Chlorobenzene	112	8.551	8.551	0.000	94	24428	1.00	1.13	
89 1,1,1,2-Tetrachloroethane	131	8.649	8.649	0.000	45	8293	1.00	1.08	
88 Ethylbenzene	91	8.655	8.655	0.000	97	38391	1.00	1.12	
90 m-Xylene & p-Xylene	106	8.770	8.777	-0.007	0	15505	1.00	1.10	
91 o-Xylene	106	9.202	9.202	0.000	94	14144	1.00	1.01	
92 Styrene	104	9.227	9.227	0.000	93	26508	1.00	1.14	
93 Bromoform	173	9.458	9.458	0.000	91	4896	1.00	1.03	
95 Isopropylbenzene	105	9.586	9.586	0.000	95	41052	1.00	1.15	
97 Bromobenzene	156	9.920	9.920	0.000	92	10619	1.00	1.12	
98 1,1,2,2-Tetrachloroethane	83	9.957	9.951	0.006	85	9506	1.00	1.08	
99 1,2,3-Trichloropropane	110	9.987	9.987	0.000	81	2451	1.00	0.9364	
101 trans-1,4-Dichloro-2-buten	53	10.005	10.005	0.000	60	2265	1.00	1.03	
100 N-Propylbenzene	91	10.011	10.012	-0.001	99	44512	1.00	1.12	
102 2-Chlorotoluene	126	10.109	10.109	0.000	97	8431	1.00	0.99	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	92	34726	1.00	1.17	
105 4-Chlorotoluene	91	10.218	10.218	0.000	95	31221	1.00	1.14	M
106 tert-Butylbenzene	134	10.510	10.504	0.006	91	8544	1.00	1.22	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	96	32693	1.00	1.09	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.717	10.717	0.000	94	42561	1.00	1.14	
110 1,3-Dichlorobenzene	146	10.845	10.839	0.006	72	19773	1.00	1.09	
111 4-Isopropyltoluene	119	10.851	10.857	-0.006	98	36081	1.00	1.11	
113 1,4-Dichlorobenzene	146	10.924	10.930	-0.006	96	20806	1.00	1.14	
115 n-Butylbenzene	91	11.240	11.240	0.000	97	29607	1.00	1.06	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	98	19632	1.00	1.14	
117 1,2-Dibromo-3-Chloropropan	75	11.989	11.989	0.000	1	1306	1.00	0.9381	M
119 1,2,4-Trichlorobenzene	180	12.688	12.682	0.006	91	11981	1.00	1.01	
120 Hexachlorobutadiene	225	12.804	12.810	-0.006	89	5879	1.00	1.13	
121 Naphthalene	128	12.895	12.895	0.000	96	30604	1.00	1.05	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	94	11491	1.00	1.07	
S 125 Total BTEX	1				0			5.53	
S 126 Xylenes, Total	1				0			2.10	
S 123 1,3-Dichloropropene, Total	1				0			2.05	
S 124 1,2-Dichloroethene, Total	1				0			2.17	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00086

Amount Added: 1.00

Units: uL

GAS CORP mix_00192

Amount Added: 1.00

Units: uL

N_8260_Surr_00219

Amount Added: 1.00

Units: uL

Run Reagent

N 8260 IS_00043

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0848.D

Injection Date: 26-Nov-2016 19:18:30

Instrument ID: HP5973N

Operator ID: GTG

Lims ID: IC

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

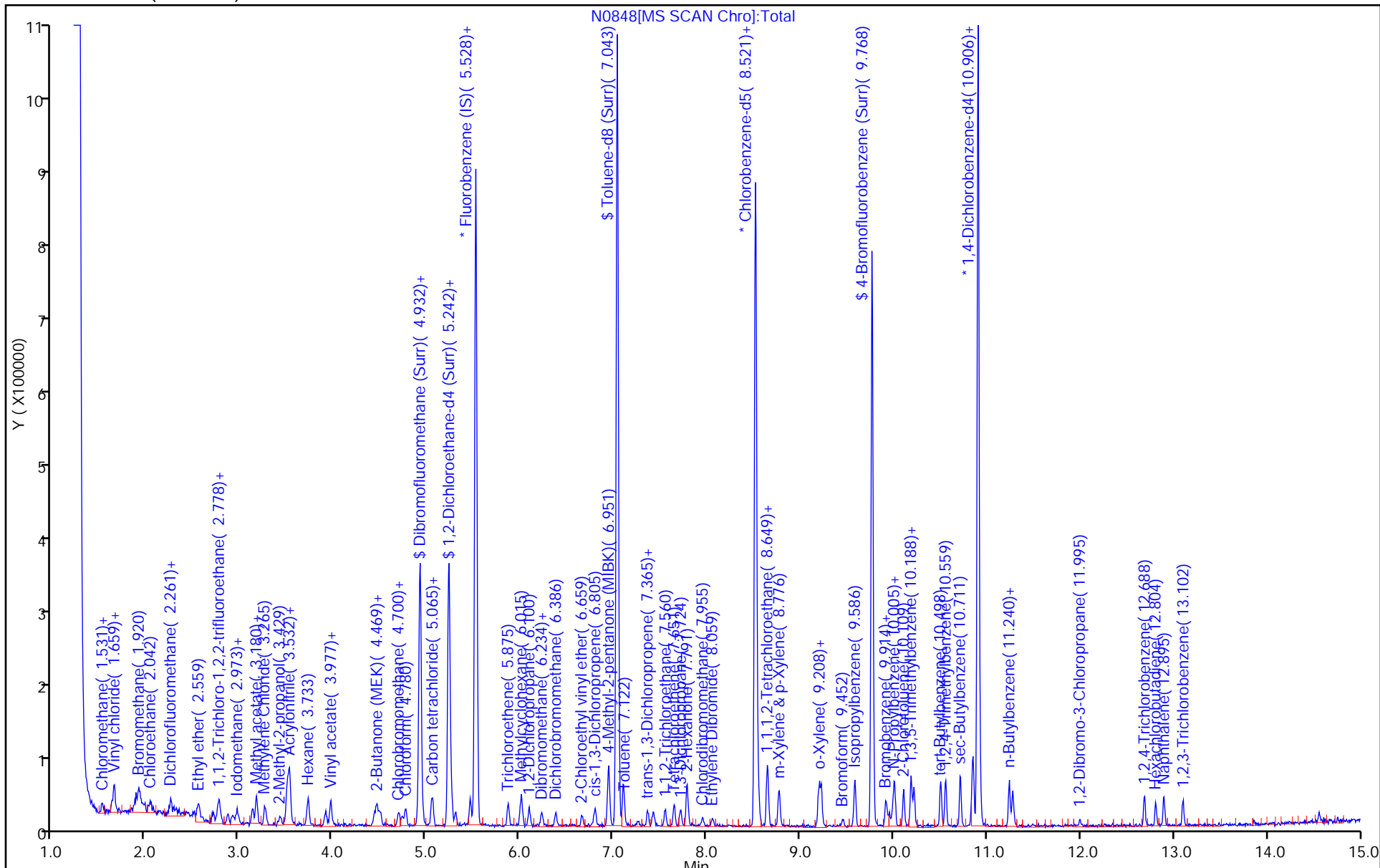
Dil. Factor: 1.0000

ALS Bottle#: 33

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

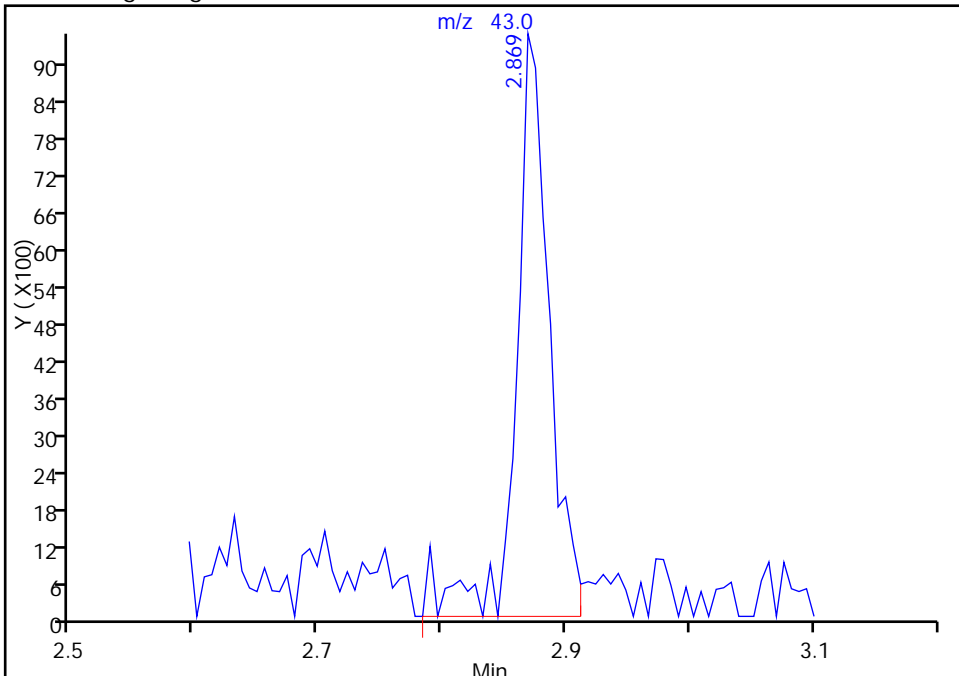
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Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

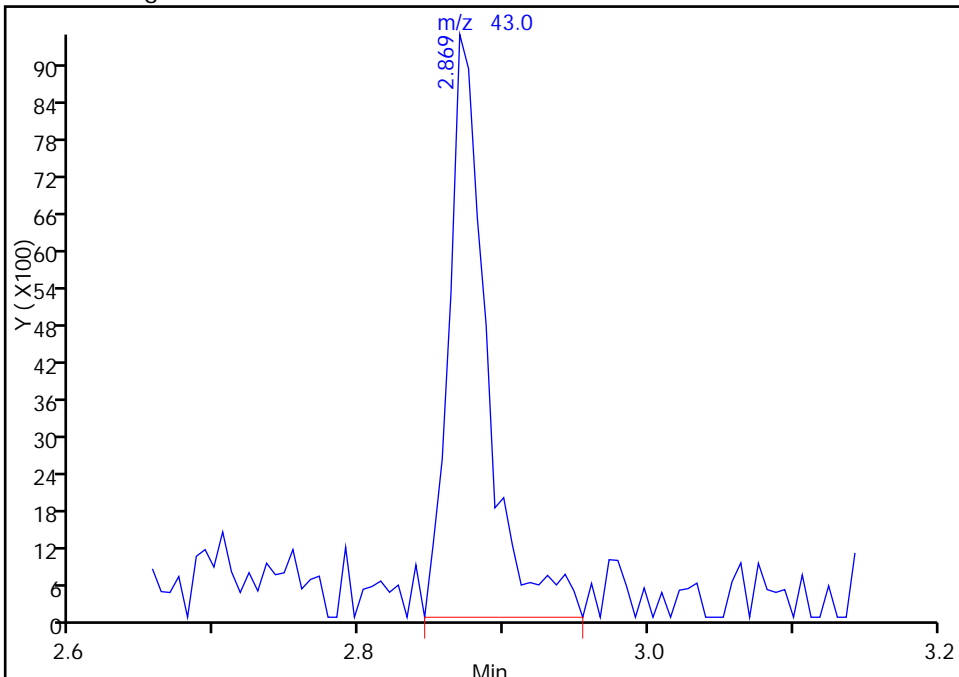
RT: 2.87
Area: 17643
Amount: 5.015806
Amount Units: ug/L

Processing Integration Results



RT: 2.87
Area: 17265
Amount: 6.117595
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:17:54
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

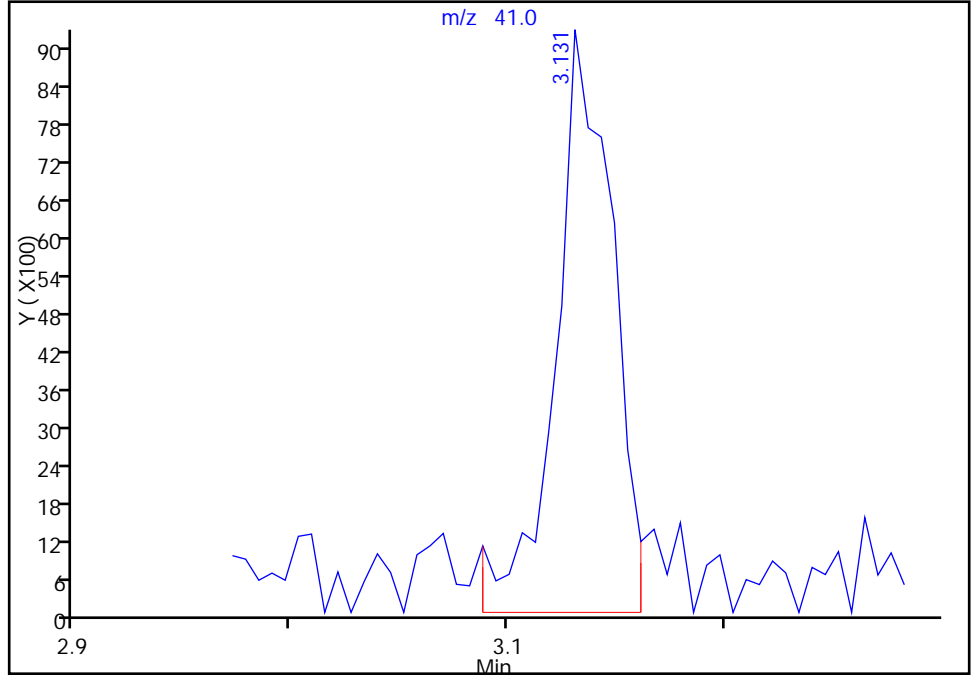
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Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

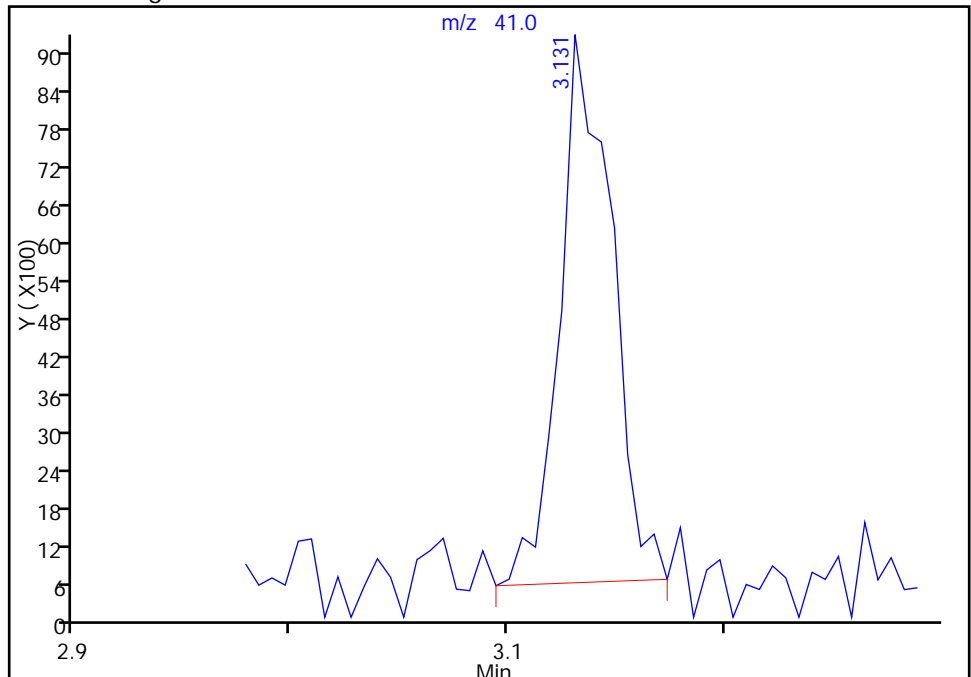
RT: 3.13
Area: 17090
Amount: 1.114528
Amount Units: ug/L

Processing Integration Results



RT: 3.13
Area: 14580
Amount: 1.002699
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:17:54
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

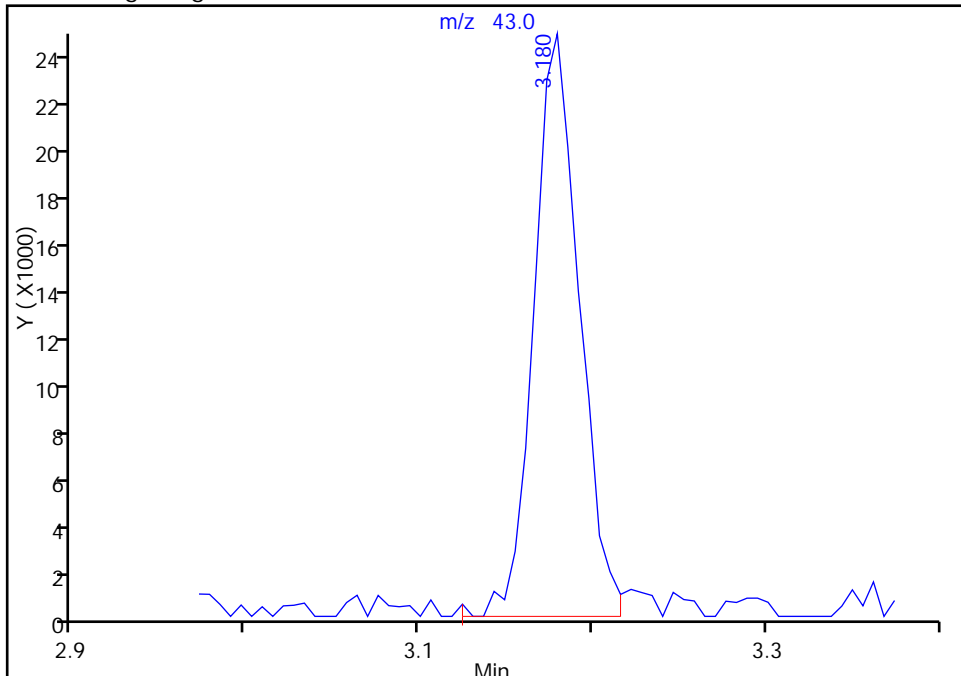
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Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

28 Methyl acetate, CAS: 79-20-9

Signal: 1

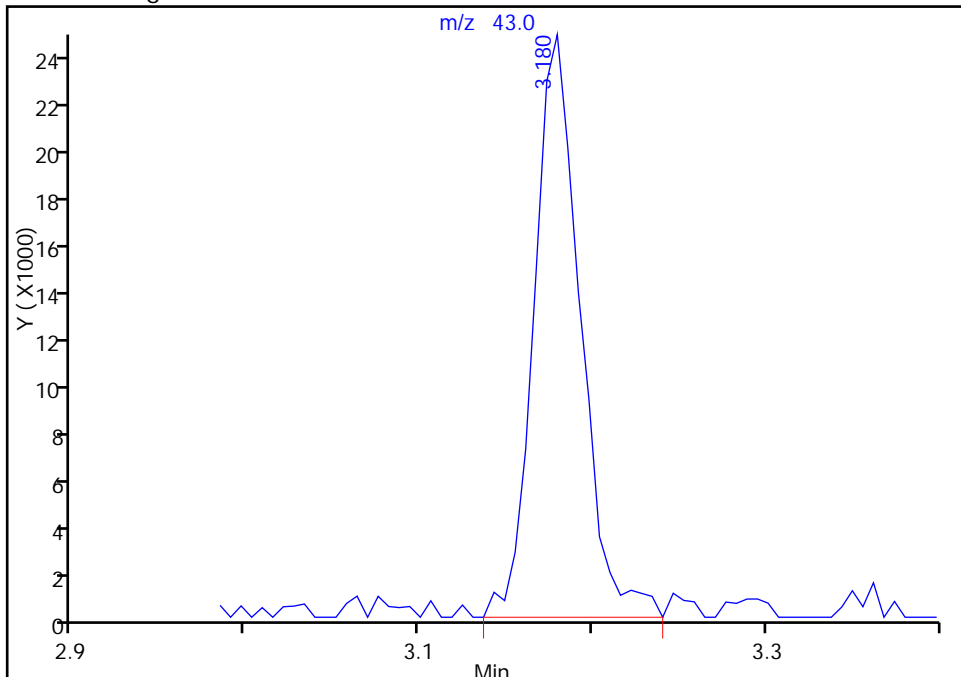
RT: 3.18
Area: 44277
Amount: 5.561965
Amount Units: ug/L

Processing Integration Results



RT: 3.18
Area: 45182
Amount: 5.659563
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:17:54
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

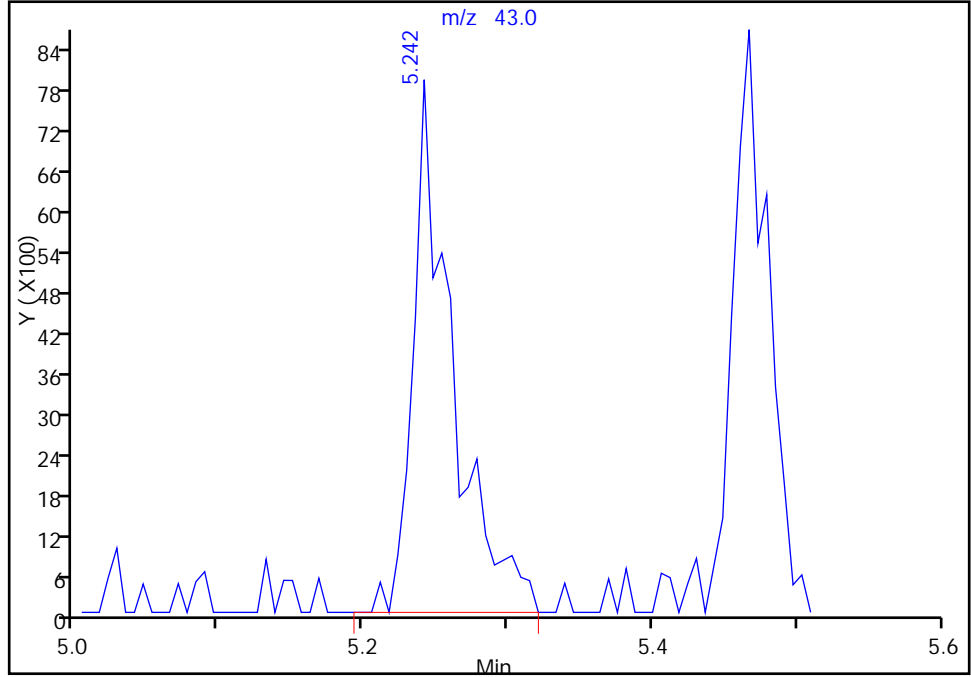
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0848.D
Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

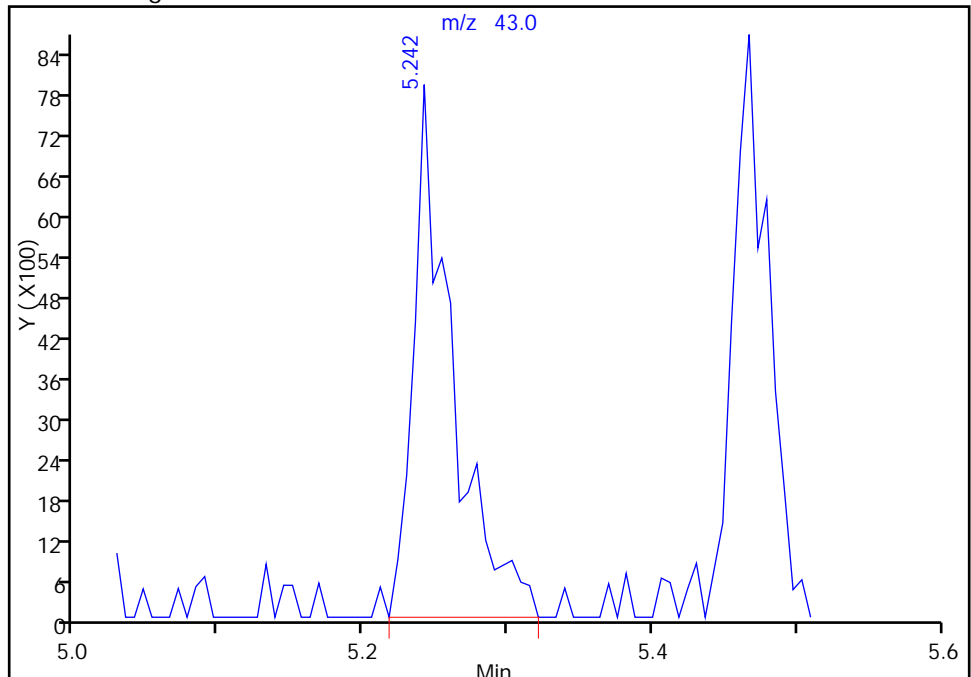
RT: 5.24
Area: 15003
Amount: 28.023420
Amount Units: ug/L

Processing Integration Results



RT: 5.24
Area: 14839
Amount: 27.877377
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:17:54
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

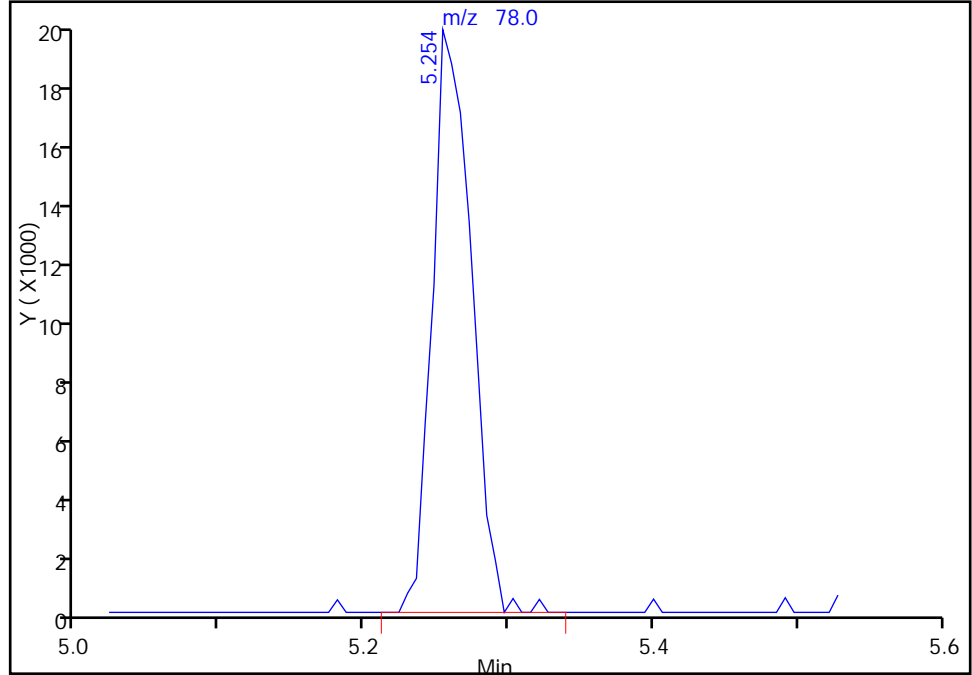
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0848.D
Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

55 Benzene, CAS: 71-43-2

Signal: 1

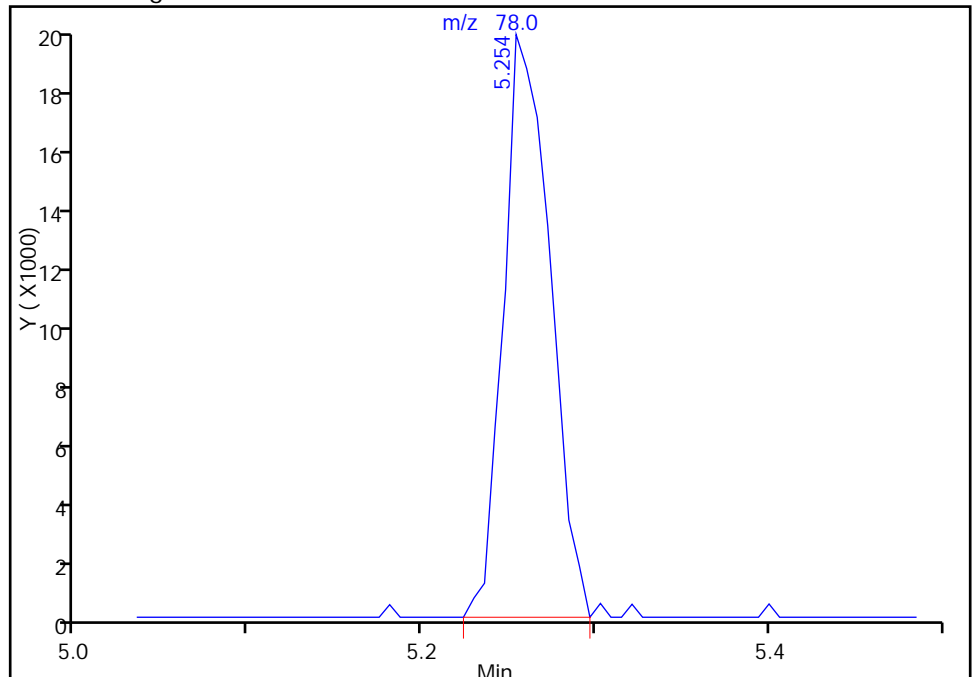
RT: 5.25
Area: 36043
Amount: 1.118362
Amount Units: ug/L

Processing Integration Results



RT: 5.25
Area: 35722
Amount: 1.109784
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:17:54
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

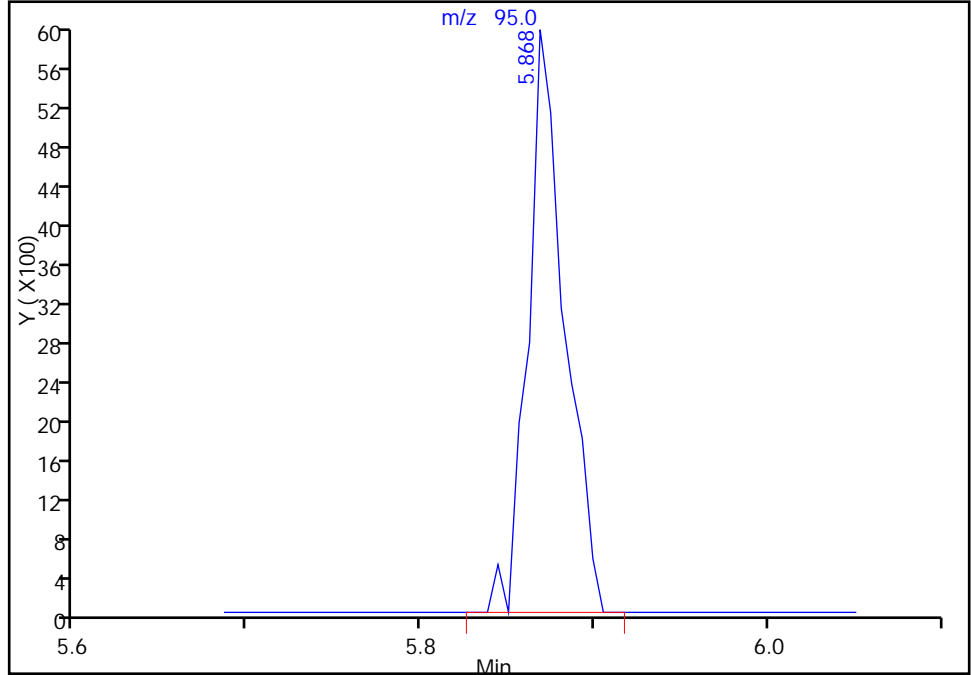
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0848.D
Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

60 Trichloroethene, CAS: 79-01-6

Signal: 1

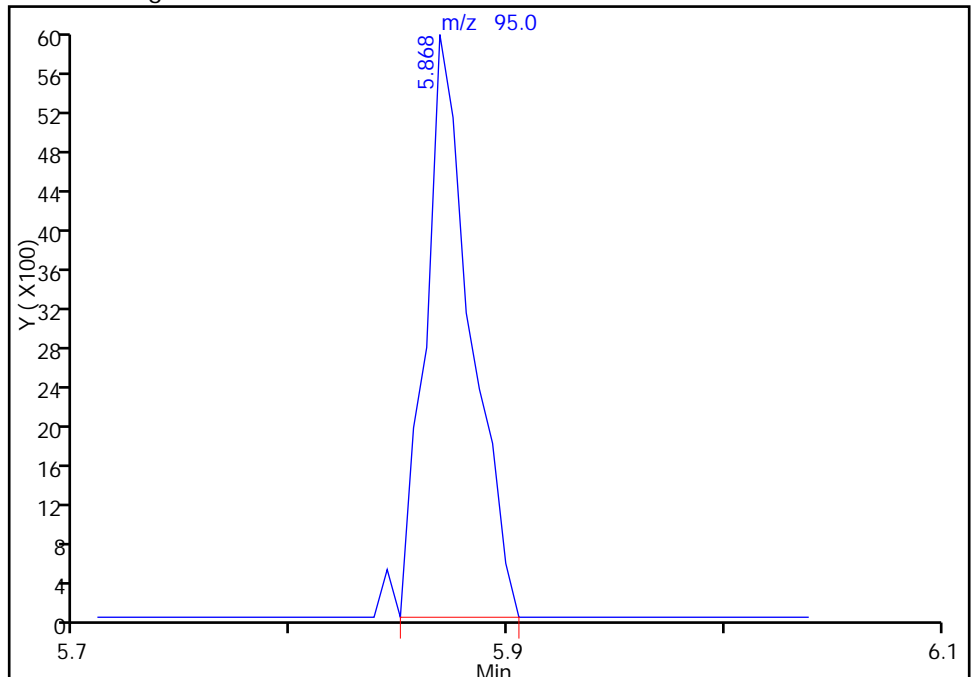
RT: 5.87
Area: 8739
Amount: 1.119859
Amount Units: ug/L

Processing Integration Results



RT: 5.87
Area: 8561
Amount: 1.100186
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:17:54
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

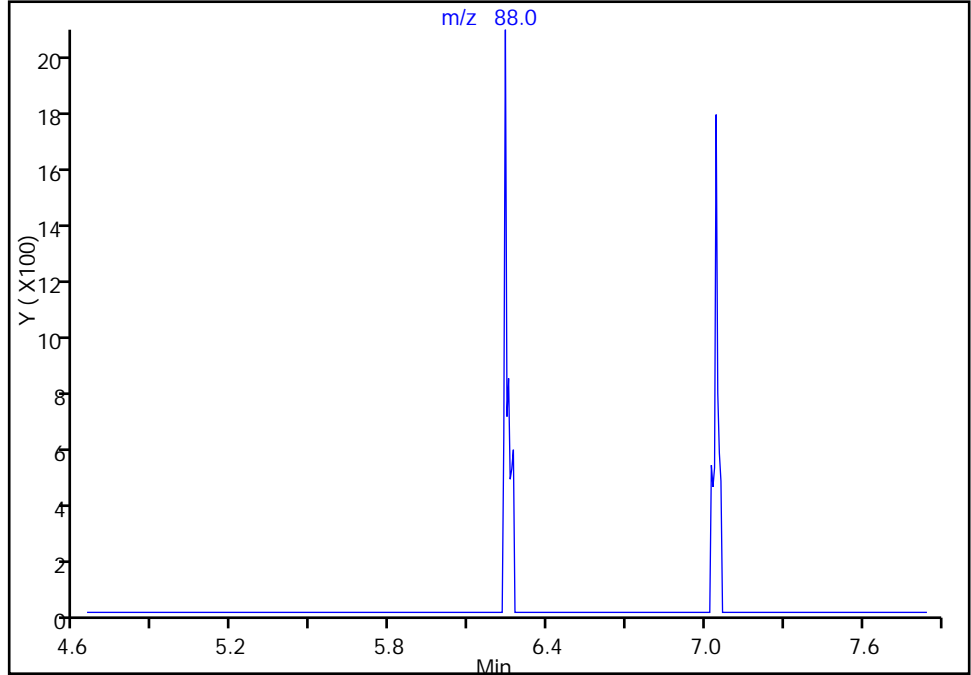
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0848.D
Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

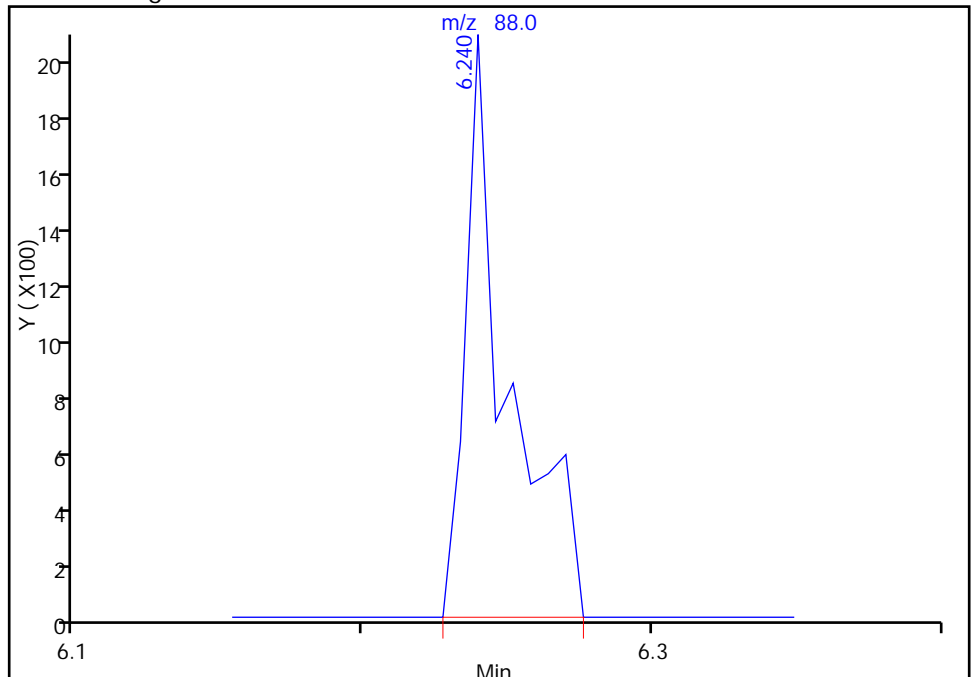
Not Detected
Expected RT: 6.25

Processing Integration Results



RT: 6.24
Area: 2114
Amount: 25.441821
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:17:54
Audit Action: Assigned Compound ID

Audit Reason: Poor chromatography

TestAmerica Buffalo

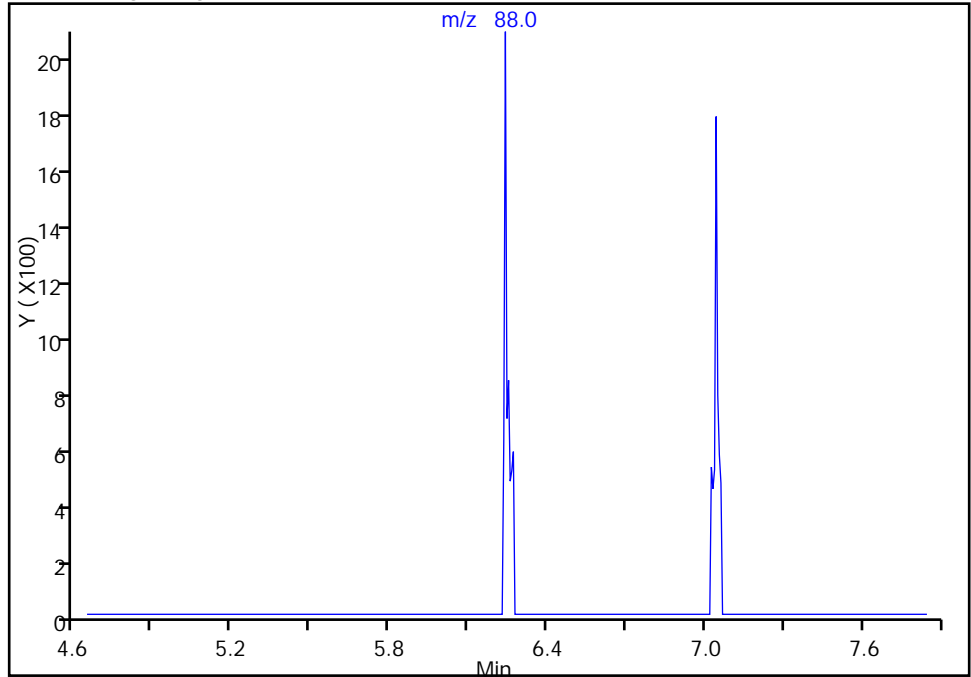
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Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

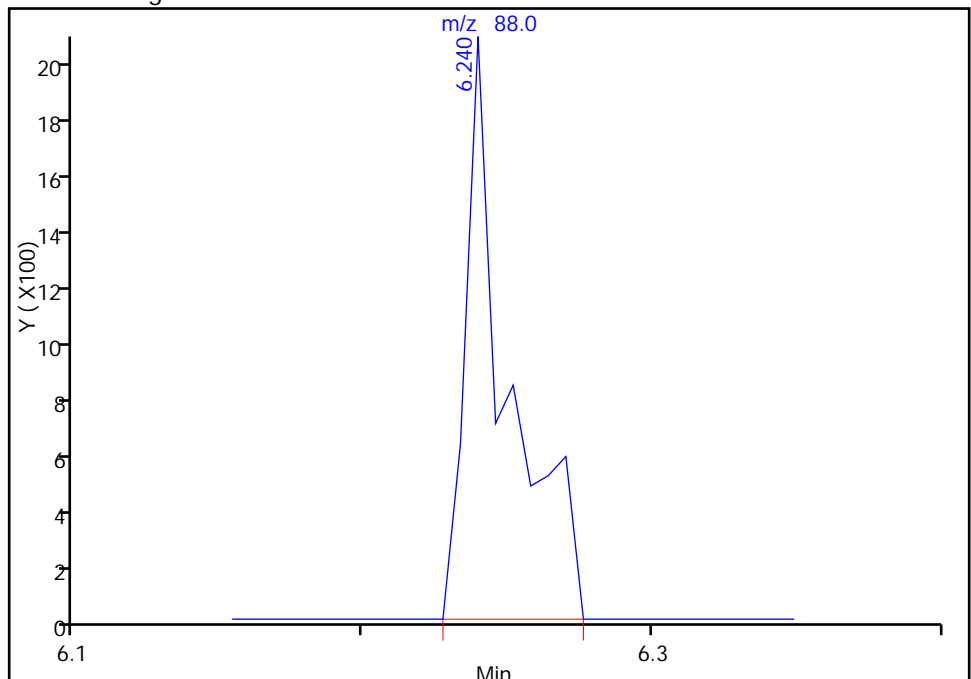
Not Detected
Expected RT: 6.25

Processing Integration Results



Manual Integration Results

RT: 6.24
Area: 2114
Amount: 25.441821
Amount Units: ug/L



Reviewer: archern, 27-Nov-2016 18:17:54

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

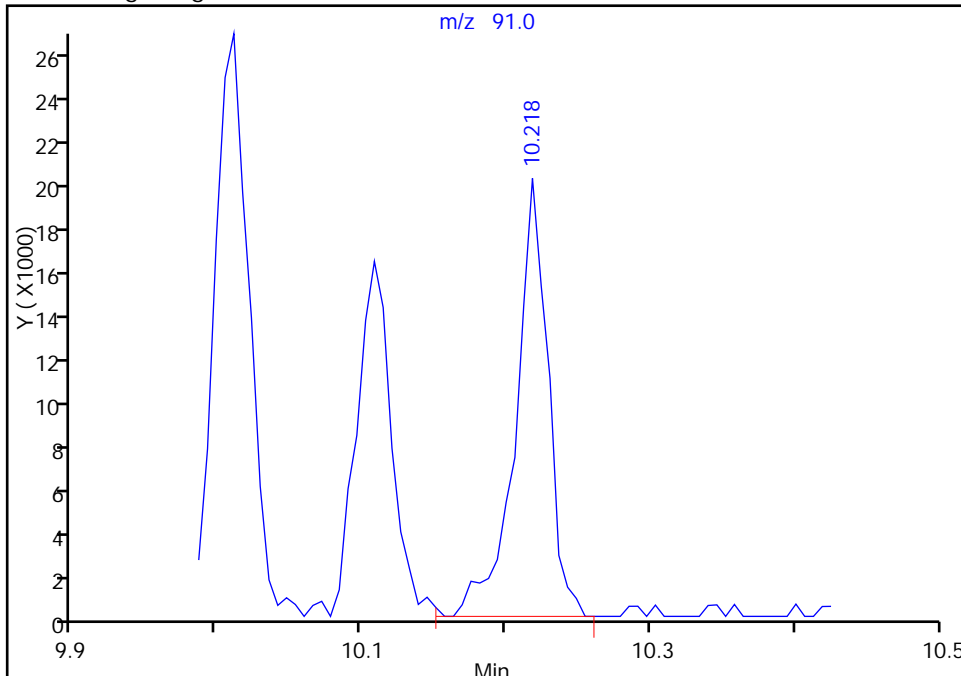
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Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

105 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

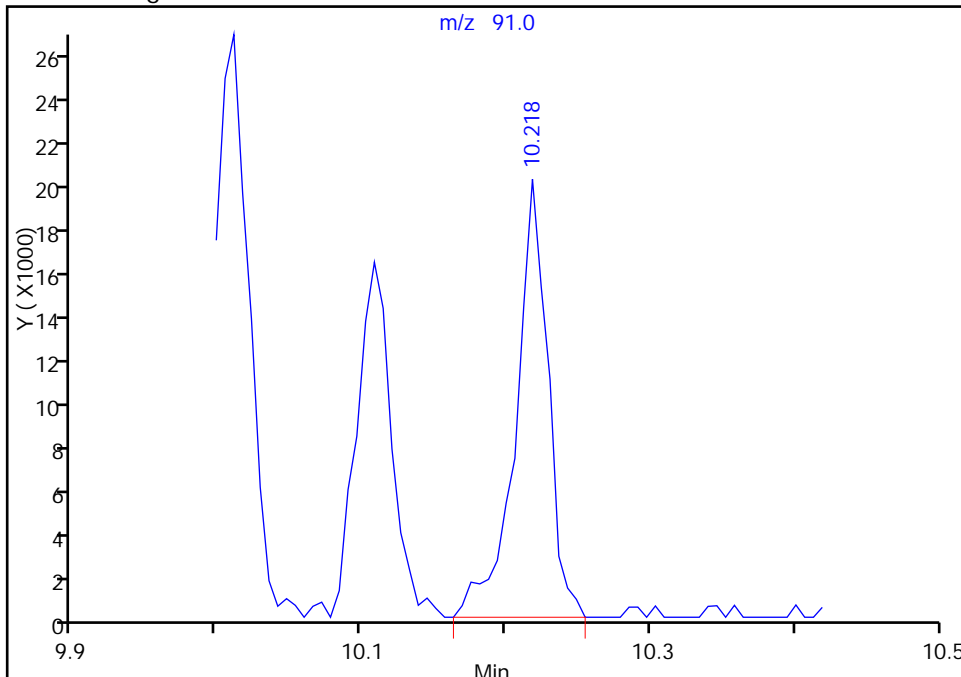
RT: 10.22
Area: 31369
Amount: 1.148002
Amount Units: ug/L

Processing Integration Results



RT: 10.22
Area: 31221
Amount: 1.143360
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:17:54
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

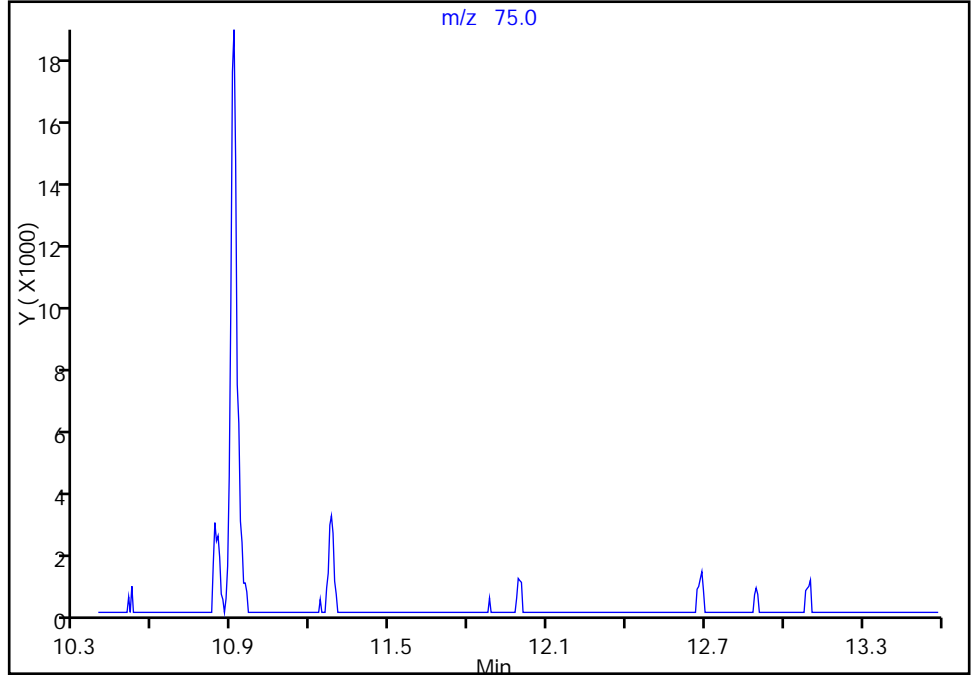
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0848.D
Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

117 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8
Signal: 1

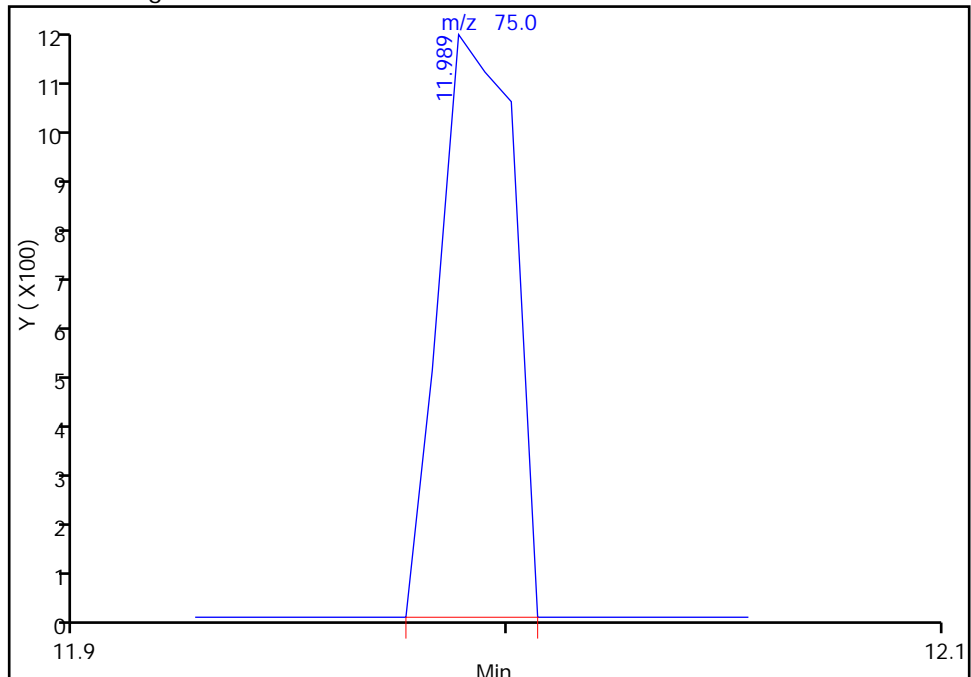
Not Detected
Expected RT: 11.99

Processing Integration Results



RT: 11.99
Area: 1306
Amount: 0.938104
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:17:54
Audit Action: Assigned Compound ID

Audit Reason: Poor chromatography

TestAmerica Buffalo

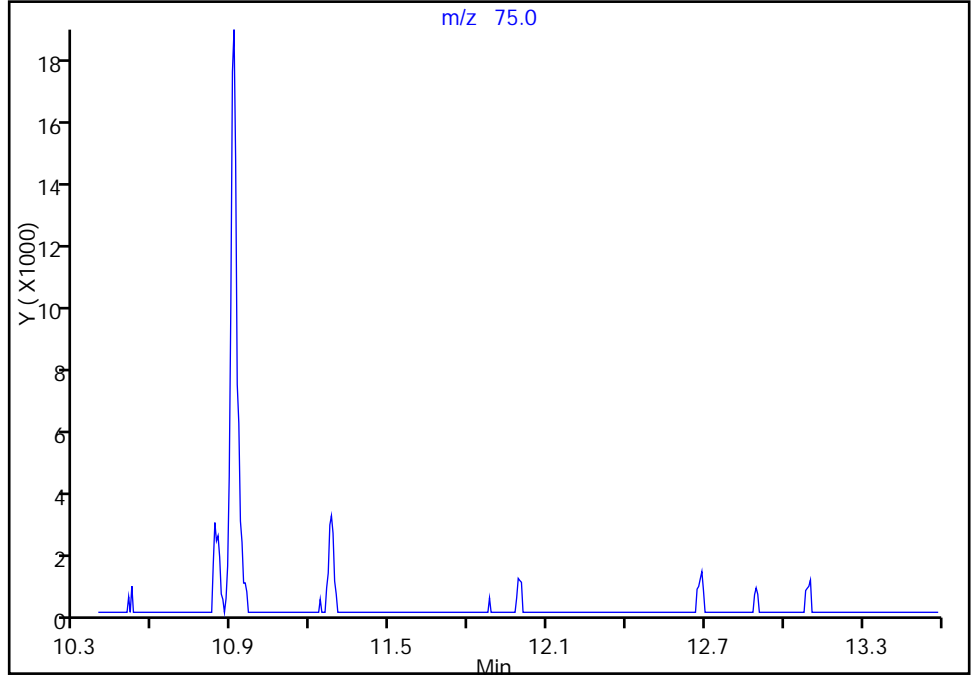
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Injection Date: 26-Nov-2016 19:18:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 33 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

117 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

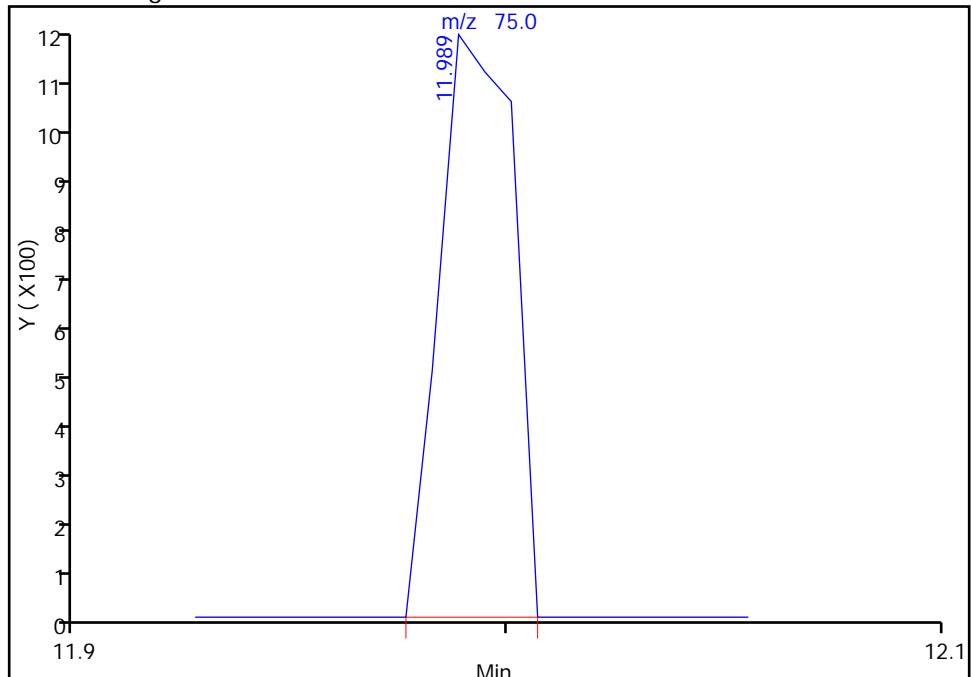
Not Detected
Expected RT: 11.99

Processing Integration Results



Manual Integration Results

RT: 11.99
Area: 1306
Amount: 0.938104
Amount Units: ug/L



Reviewer: archern, 27-Nov-2016 18:17:54

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0849.D
 Lims ID: IC 2
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 26-Nov-2016 19:45:30 ALS Bottle#: 34 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ic 2
 Misc. Info.: 480-0058663-007
 Operator ID: GTG Instrument ID: HP5973N
 Sublist: chrom-N-8260*sub38
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 08-Dec-2016 13:45:11 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK055

First Level Reviewer: archern Date: 27-Nov-2016 18:19:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	137206	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	85	506650	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	280389	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	95	175229	25.0	25.5	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.242	-0.006	0	187175	25.0	25.0	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	91	645617	25.0	25.0	
\$ 7 4-Bromofluorobenzene (Surr	174	9.774	9.774	0.000	96	215565	25.0	24.6	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	97	14106	2.00	2.13	
13 Chloromethane	50	1.525	1.531	-0.006	98	25965	2.00	2.21	
14 Vinyl chloride	62	1.640	1.641	0.000	96	17718	2.00	1.89	
144 Butadiene	54	1.659	1.659	0.000	89	28723	2.00	2.40	
15 Bromomethane	94	1.926	1.933	-0.007	90	7403	2.00	1.78	
16 Chloroethane	64	2.036	2.042	-0.006	96	11452	2.00	2.18	
17 Dichlorofluoromethane	67	2.261	2.261	0.000	94	26393	2.00	2.19	M
18 Trichlorofluoromethane	101	2.291	2.285	0.006	59	16796	2.00	1.88	
19 Ethyl ether	59	2.565	2.559	0.006	95	16194	2.00	2.10	
20 Acrolein	56	2.711	2.717	-0.006	93	21946	10.0	11.1	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	97	17241	2.00	2.22	M
21 1,1,2-Trichloro-1,2,2-trif	101	2.772	2.784	-0.012	66	15820	2.00	2.15	
23 Acetone	43	2.869	2.869	0.000	99	32320	10.0	11.7	M
24 Iodomethane	142	2.924	2.924	0.000	98	29857	2.00	2.17	M
25 Carbon disulfide	76	2.967	2.973	-0.006	99	57028	2.00	2.26	
27 3-Chloro-1-propene	41	3.131	3.137	-0.006	93	35820	2.00	2.51	M
28 Methyl acetate	43	3.174	3.174	0.000	99	85461	10.0	10.9	
30 Methylene Chloride	84	3.271	3.271	0.000	96	20527	2.00	2.31	
31 2-Methyl-2-propanol	59	3.423	3.429	-0.006	99	25586	20.0	21.6	
32 Methyl tert-butyl ether	73	3.502	3.502	0.000	96	55066	2.00	2.22	
33 trans-1,2-Dichloroethene	96	3.502	3.514	-0.012	63	18569	2.00	2.22	
34 Acrylonitrile	53	3.532	3.532	0.000	100	89999	20.0	21.8	
35 Hexane	57	3.733	3.733	0.000	90	32527	2.00	2.31	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.922	3.922	0.000	95	35702	2.00	2.33	
39 Vinyl acetate	43	3.971	3.971	-0.001	97	84793	4.00	4.27	
42 2,2-Dichloropropane	77	4.445	4.451	-0.006	87	19712	2.00	2.37	
43 cis-1,2-Dichloroethene	96	4.463	4.469	-0.006	80	21264	2.00	2.36	
44 2-Butanone (MEK)	43	4.500	4.494	0.006	99	44548	10.0	10.1	
47 Chlorobromomethane	128	4.707	4.701	0.006	96	9475	2.00	2.12	
49 Tetrahydrofuran	42	4.743	4.731	0.012	94	14384	4.00	4.25	
50 Chloroform	83	4.780	4.780	0.000	93	28811	2.00	2.23	
51 1,1,1-Trichloroethane	97	4.913	4.913	0.000	96	23391	2.00	2.27	
52 Cyclohexane	56	4.938	4.932	0.006	40	36489	2.00	2.29	
53 Carbon tetrachloride	117	5.059	5.059	0.000	80	19884	2.00	2.12	
54 1,1-Dichloropropene	75	5.059	5.059	0.000	94	22690	2.00	2.25	
56 Isobutyl alcohol	43	5.248	5.242	0.006	41	28167	50.0	53.8	M
55 Benzene	78	5.266	5.260	0.006	94	72022	2.00	2.28	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	96	23499	2.00	2.33	
59 n-Heptane	43	5.467	5.467	0.000	94	32326	2.00	2.38	
60 Trichloroethene	95	5.875	5.875	0.000	93	18260	2.00	2.39	
62 Methylcyclohexane	83	6.015	6.015	0.000	93	30710	2.00	2.20	
63 1,2-Dichloropropane	63	6.094	6.100	-0.006	95	18181	2.00	2.24	
64 Dibromomethane	93	6.234	6.234	0.000	88	9206	2.00	2.05	
66 1,4-Dioxane	88	6.240	6.246	-0.006	33	3939	40.0	48.0	M
67 Dichlorobromomethane	83	6.380	6.386	-0.006	97	21510	2.00	2.33	
69 2-Chloroethyl vinyl ether	63	6.666	6.666	0.000	89	9630	2.00	1.83	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	96	24988	2.00	2.10	
72 4-Methyl-2-pentanone (MIBK)	58	6.951	6.945	0.006	96	39055	10.0	10.1	
73 Toluene	92	7.110	7.110	0.000	98	42099	2.00	2.20	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	92	22756	2.00	2.21	
77 Ethyl methacrylate	69	7.426	7.426	0.000	89	20963	2.00	2.14	
78 1,1,2-Trichloroethane	83	7.560	7.554	0.006	89	11681	2.00	2.08	
79 Tetrachloroethene	166	7.657	7.651	0.006	96	19480	2.00	2.27	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	91	23836	2.00	2.12	
82 2-Hexanone	43	7.791	7.785	0.006	97	69464	10.0	11.0	
83 Chlorodibromomethane	129	7.955	7.955	0.000	91	13888	2.00	1.96	
84 Ethylene Dibromide	107	8.065	8.065	0.000	93	14212	2.00	2.06	
85 Chlorobenzene	112	8.558	8.551	0.007	96	47937	2.00	2.24	
89 1,1,1,2-Tetrachloroethane	131	8.649	8.649	0.000	45	16557	2.00	2.19	
88 Ethylbenzene	91	8.655	8.655	0.000	97	77235	2.00	2.28	
90 m-Xylene & p-Xylene	106	8.777	8.777	0.000	0	30637	2.00	2.19	
91 o-Xylene	106	9.202	9.202	0.000	95	28553	2.00	2.05	
92 Styrene	104	9.227	9.227	0.000	94	49150	2.00	2.13	
93 Bromoform	173	9.458	9.458	0.000	92	9721	2.00	2.08	
95 Isopropylbenzene	105	9.586	9.586	0.000	94	80540	2.00	2.21	
97 Bromobenzene	156	9.920	9.920	0.000	93	17614	2.00	1.81	
98 1,1,2,2-Tetrachloroethane	83	9.957	9.951	0.006	92	18310	2.00	2.03	
99 1,2,3-Trichloropropane	110	9.981	9.987	-0.006	84	5098	2.00	1.90	
101 trans-1,4-Dichloro-2-buten	53	10.005	10.005	0.000	63	3184	2.00	1.41	
100 N-Propylbenzene	91	10.011	10.012	-0.001	98	92256	2.00	2.26	
102 2-Chlorotoluene	126	10.103	10.109	-0.006	98	19505	2.00	2.24	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	94	64378	2.00	2.12	
105 4-Chlorotoluene	91	10.218	10.218	0.000	95	61041	2.00	2.18	
106 tert-Butylbenzene	134	10.504	10.504	0.000	91	15723	2.00	2.19	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	97	63877	2.00	2.09	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.717	10.717	0.000	93	87030	2.00	2.27	
110 1,3-Dichlorobenzene	146	10.845	10.839	0.006	95	41844	2.00	2.26	
111 4-Isopropyltoluene	119	10.857	10.857	0.000	97	72784	2.00	2.19	
113 1,4-Dichlorobenzene	146	10.924	10.930	-0.006	95	37426	2.00	2.00	
115 n-Butylbenzene	91	11.240	11.240	0.000	96	61907	2.00	2.17	
116 1,2-Dichlorobenzene	146	11.283	11.277	0.006	97	35349	2.00	2.00	
117 1,2-Dibromo-3-Chloropropan	75	11.995	11.989	0.006	1	2400	2.00	1.68	M
119 1,2,4-Trichlorobenzene	180	12.682	12.682	0.000	90	25386	2.00	2.10	
120 Hexachlorobutadiene	225	12.810	12.810	0.000	94	12126	2.00	2.28	
121 Naphthalene	128	12.895	12.895	0.000	95	60506	2.00	2.03	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	96	22827	2.00	2.07	
S 125 Total BTEX	1				0			11.0	
S 126 Xylenes, Total	1				0			4.25	
S 123 1,3-Dichloropropene, Total	1				0			4.31	
S 124 1,2-Dichloroethene, Total	1				0			4.58	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00086

Amount Added: 2.00

Units: uL

GAS CORP mix_00192

Amount Added: 2.00

Units: uL

N_8260_Surr_00219

Amount Added: 1.00

Units: uL

Run Reagent

N 8260 IS_00043

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0849.D

Injection Date: 26-Nov-2016 19:45:30

Instrument ID: HP5973N

Operator ID: GTG

Lims ID: IC 2

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

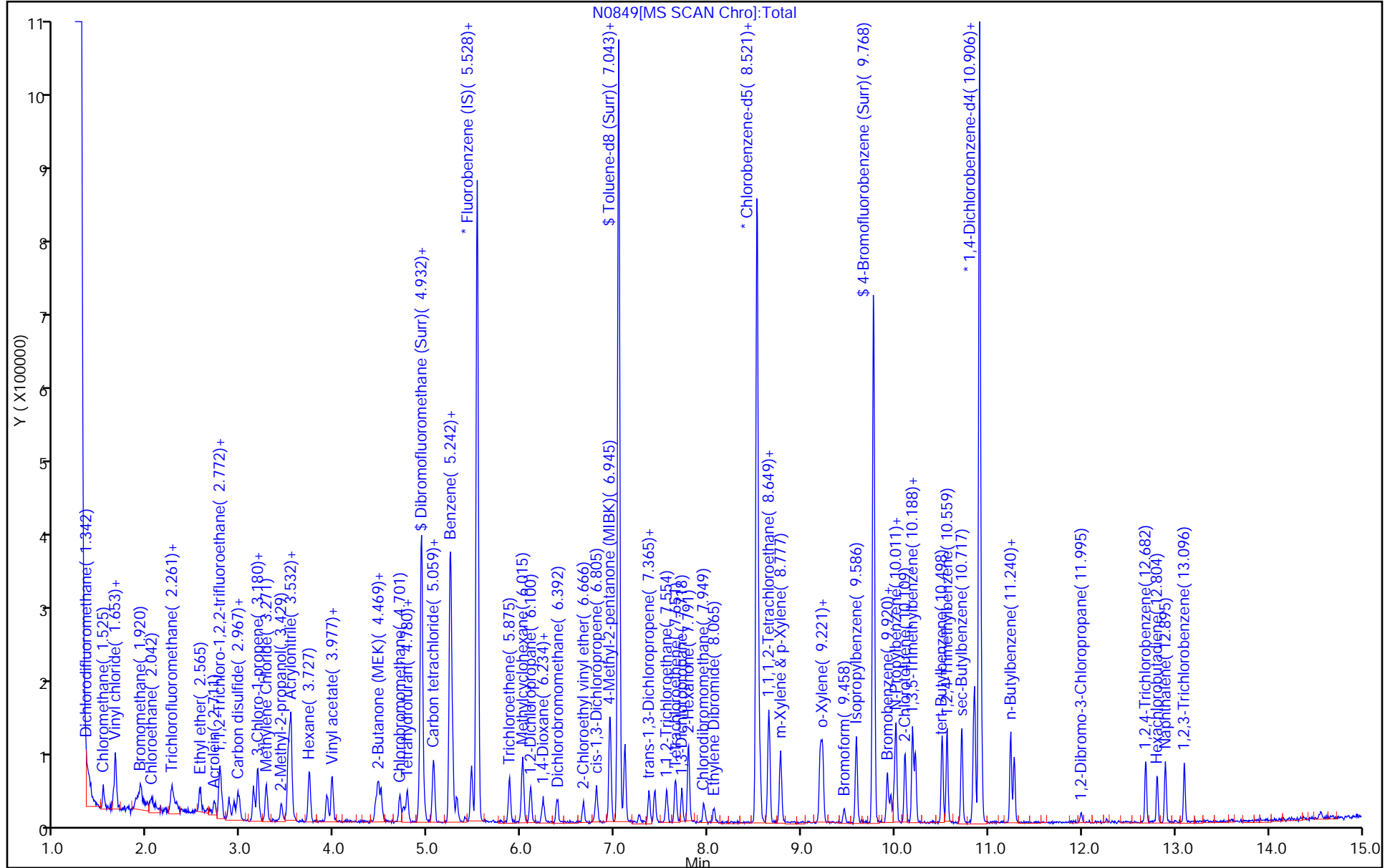
Dil. Factor: 1.0000

ALS Bottle#: 34

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

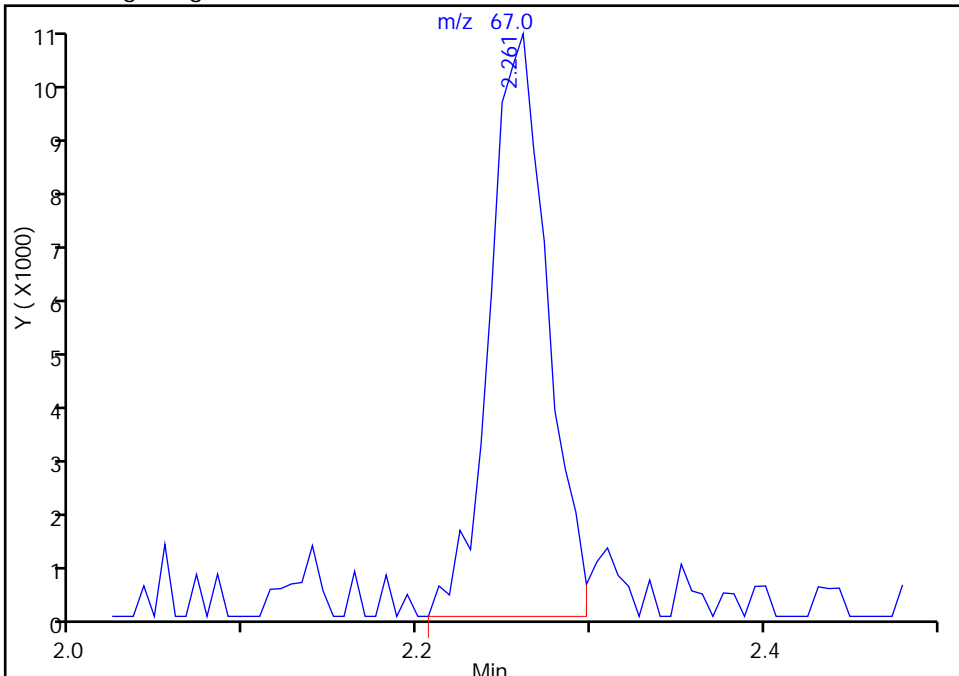
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0849.D
Injection Date: 26-Nov-2016 19:45:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 34 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

17 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

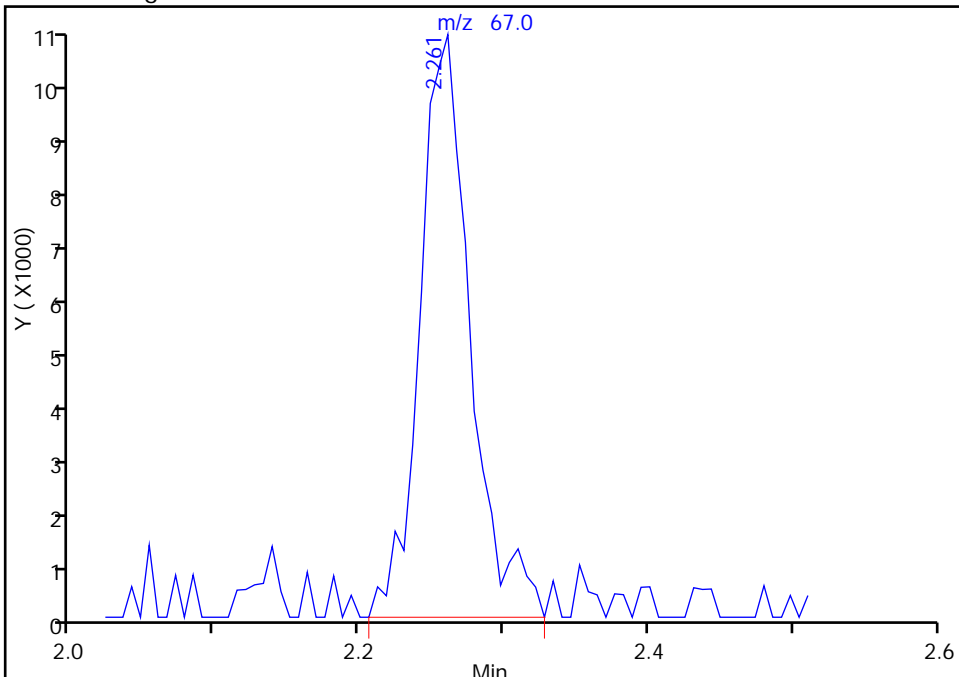
RT: 2.26
Area: 25070
Amount: 1.931363
Amount Units: ug/L

Processing Integration Results



RT: 2.26
Area: 26393
Amount: 2.194343
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:19:34
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

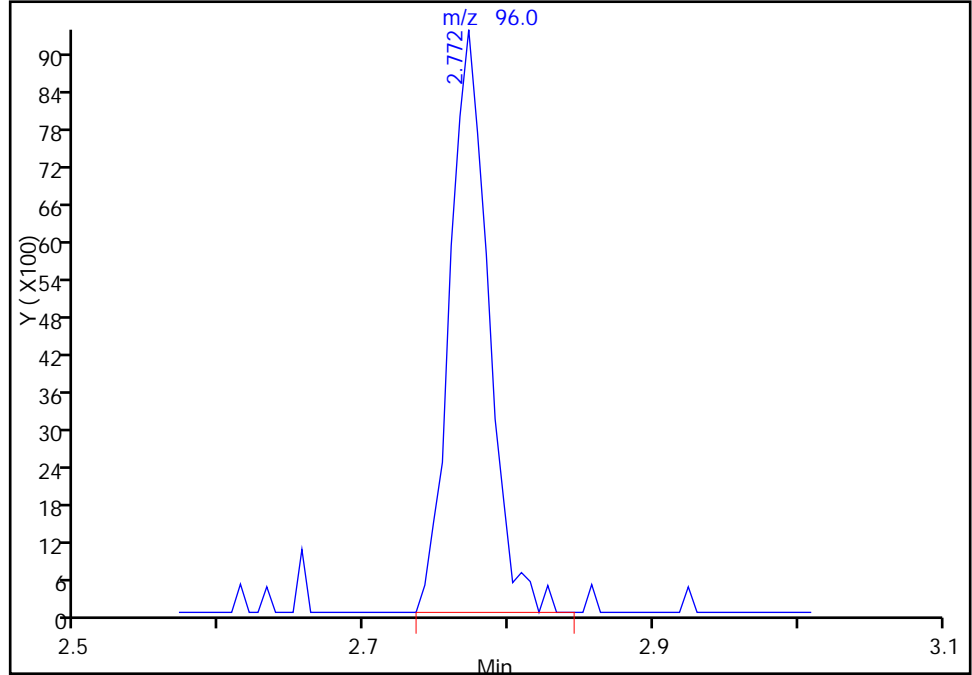
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0849.D
Injection Date: 26-Nov-2016 19:45:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 34 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

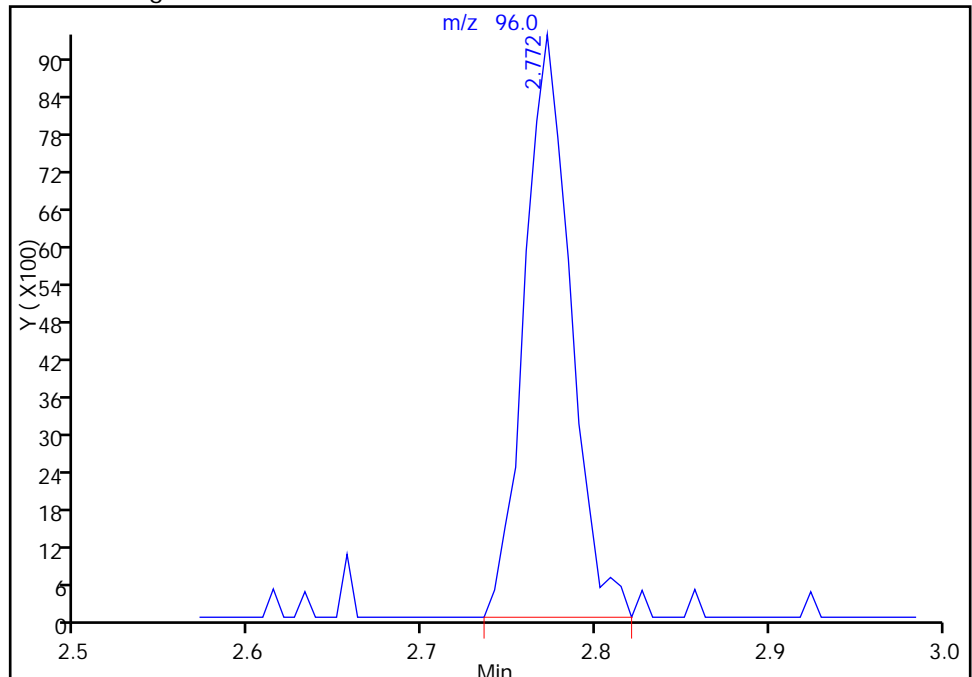
RT: 2.77
Area: 17398
Amount: 2.238386
Amount Units: ug/L

Processing Integration Results



RT: 2.77
Area: 17241
Amount: 2.220991
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:19:34
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

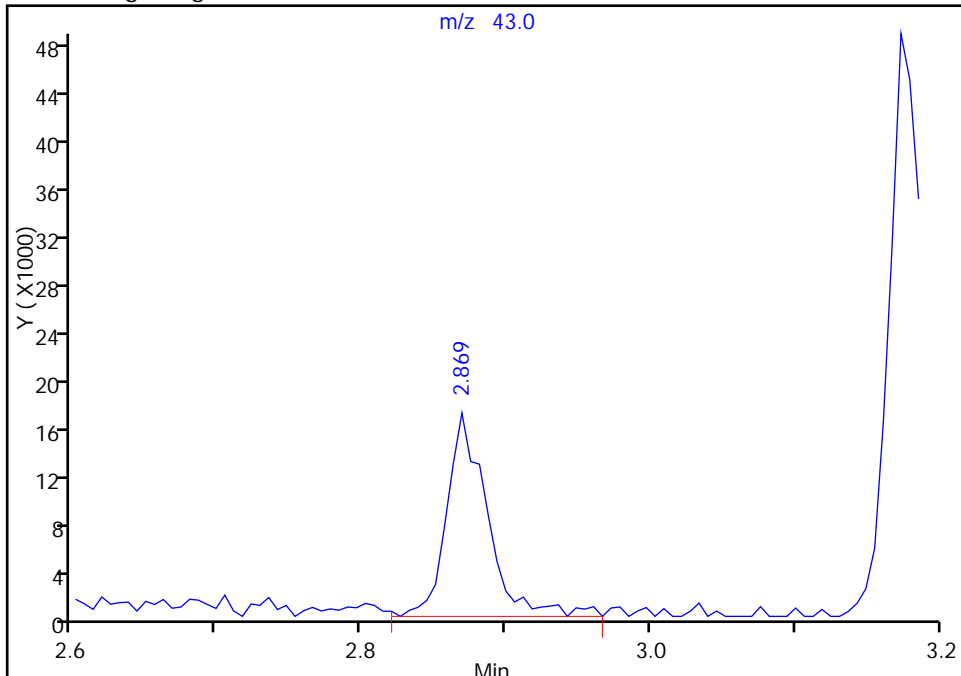
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Injection Date: 26-Nov-2016 19:45:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 34 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

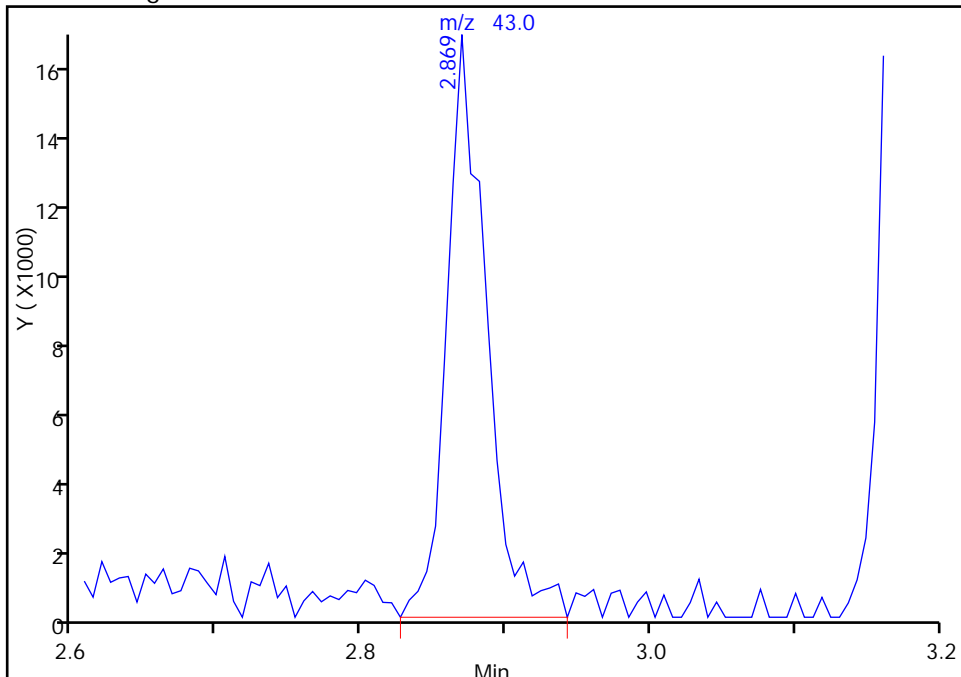
RT: 2.87
Area: 33245
Amount: 11.583542
Amount Units: ug/L

Processing Integration Results



RT: 2.87
Area: 32320
Amount: 11.652512
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:19:34
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

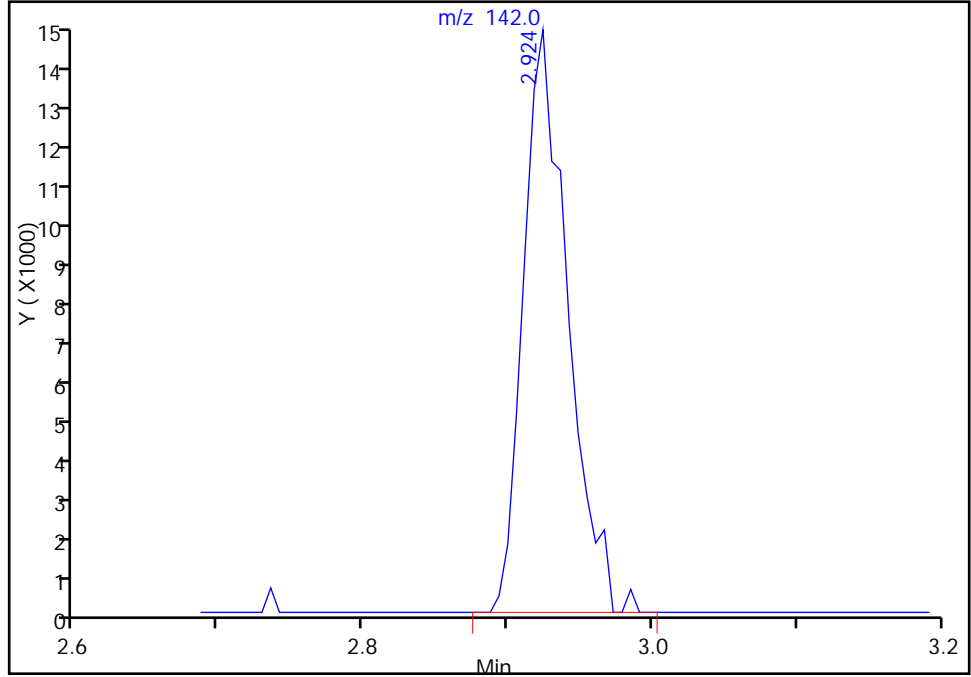
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0849.D
Injection Date: 26-Nov-2016 19:45:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 34 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

24 Iodomethane, CAS: 74-88-4

Signal: 1

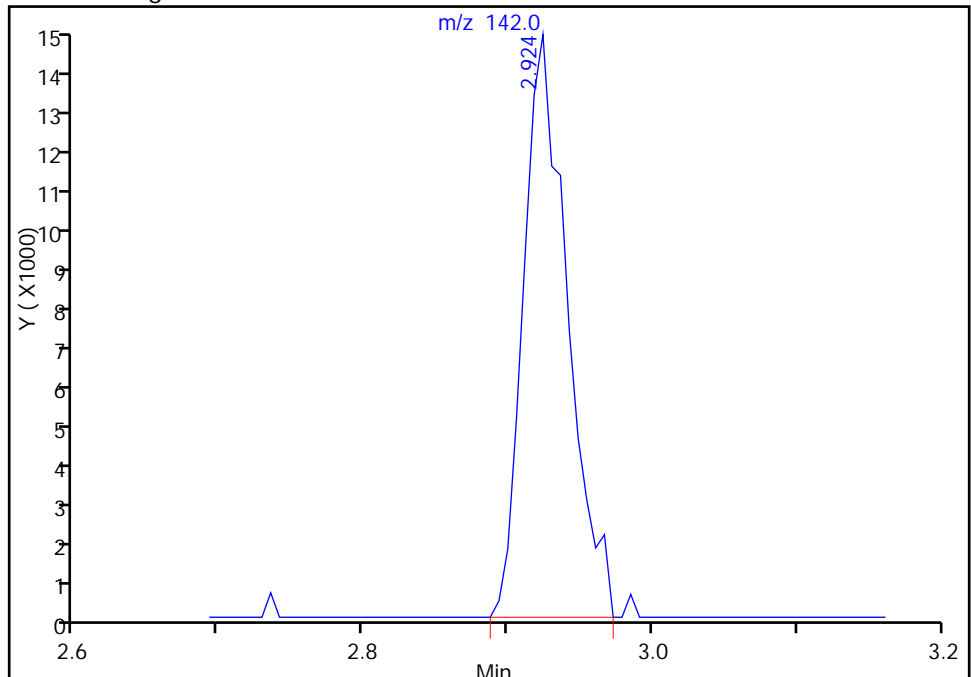
RT: 2.92
Area: 30058
Amount: 2.180830
Amount Units: ug/L

Processing Integration Results



RT: 2.92
Area: 29857
Amount: 2.168223
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:19:34
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

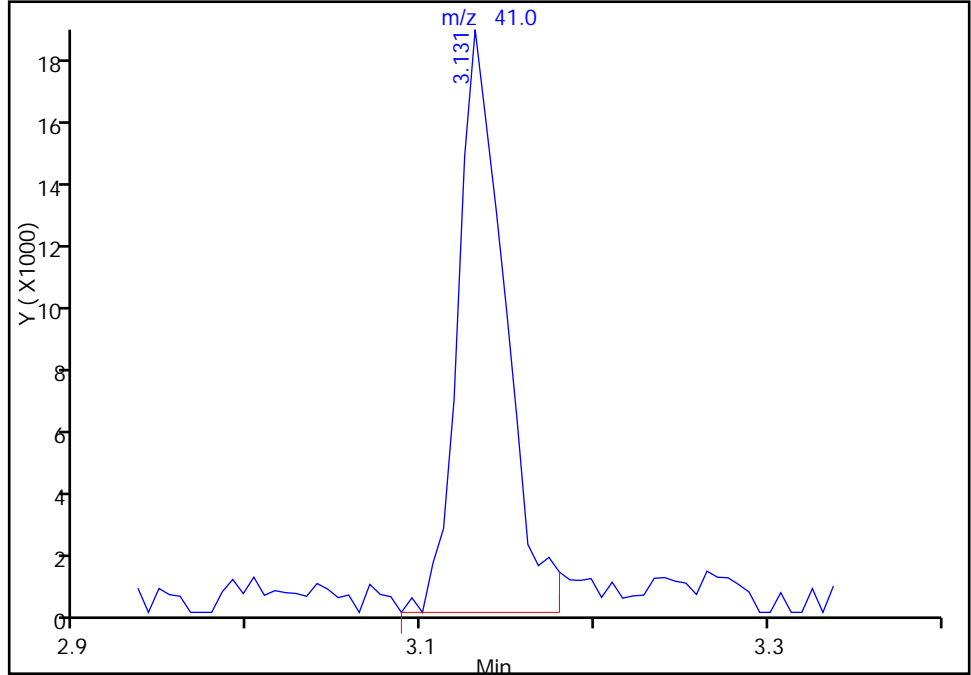
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Injection Date: 26-Nov-2016 19:45:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 34 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

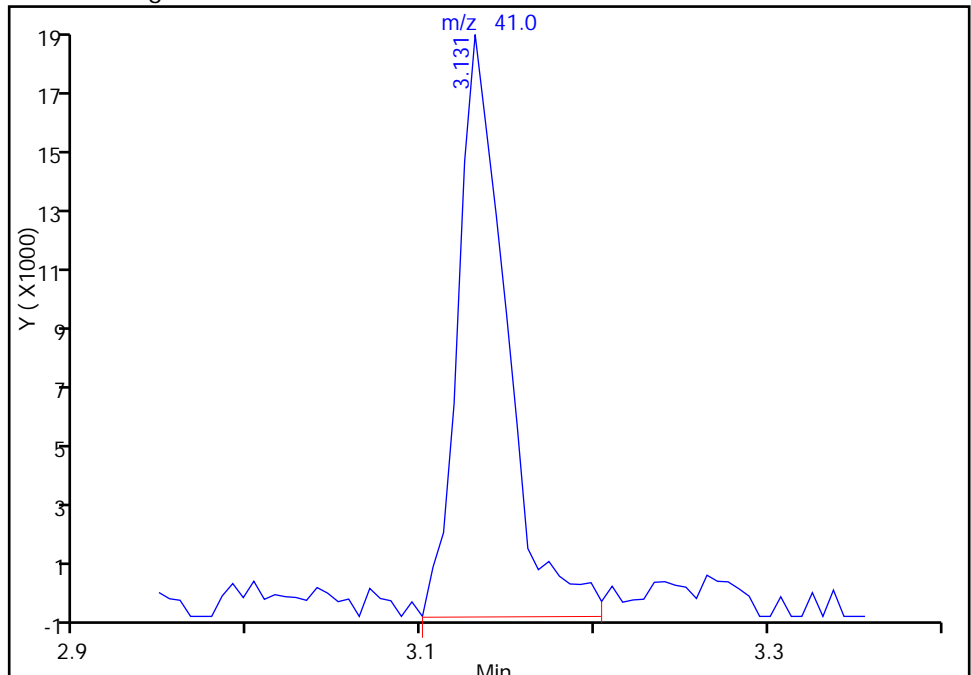
RT: 3.13
Area: 34588
Amount: 2.343078
Amount Units: ug/L

Processing Integration Results



RT: 3.13
Area: 35820
Amount: 2.506529
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:22:49
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

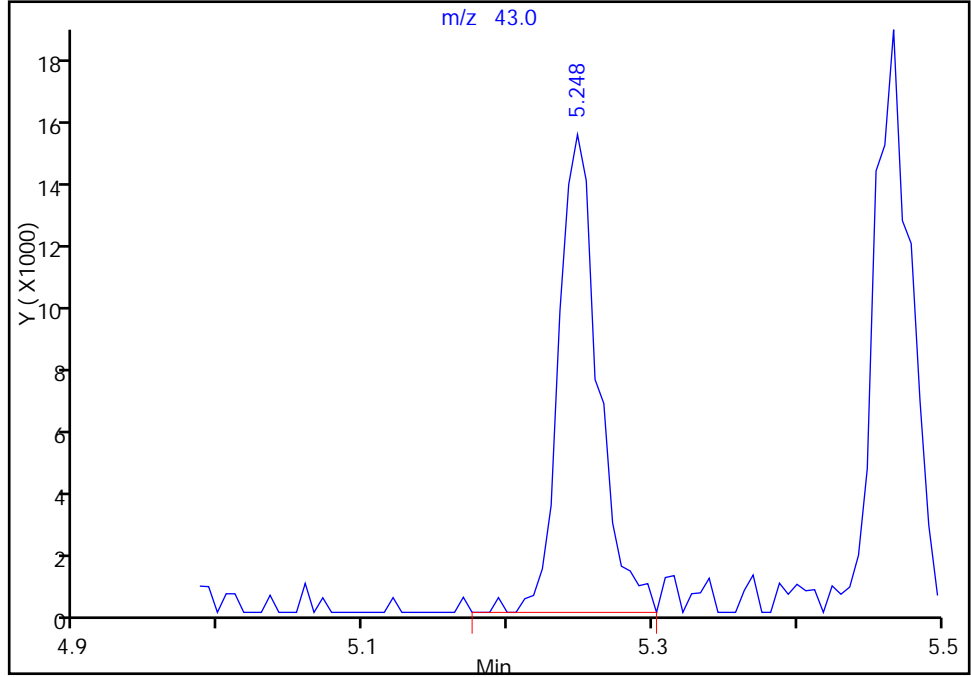
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0849.D
Injection Date: 26-Nov-2016 19:45:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 34 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

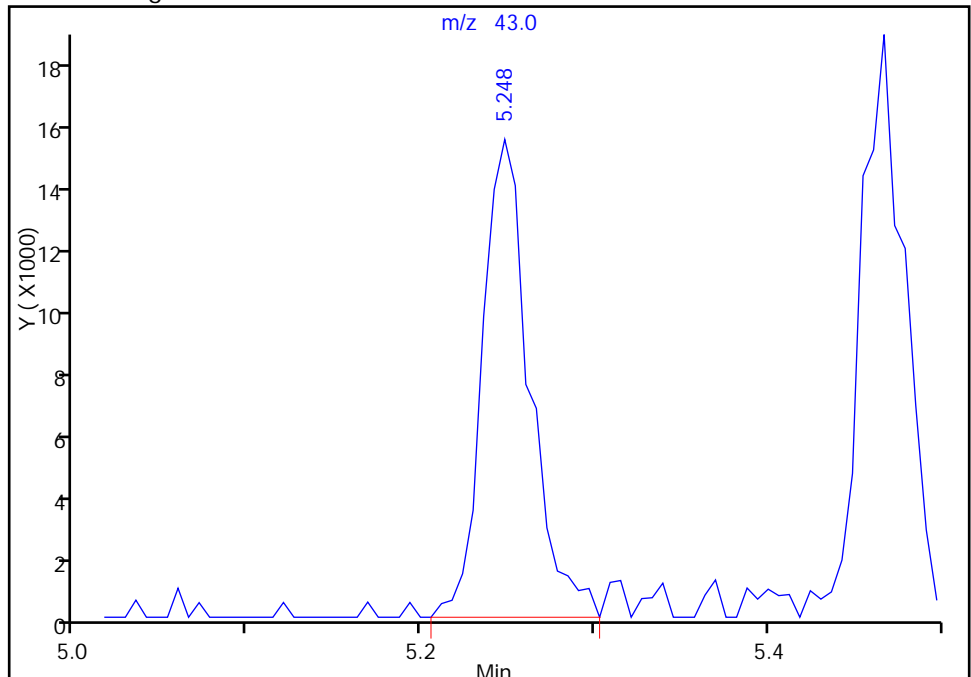
RT: 5.25
Area: 28334
Amount: 53.932519
Amount Units: ug/L

Processing Integration Results



RT: 5.25
Area: 28167
Amount: 53.842096
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:22:49
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

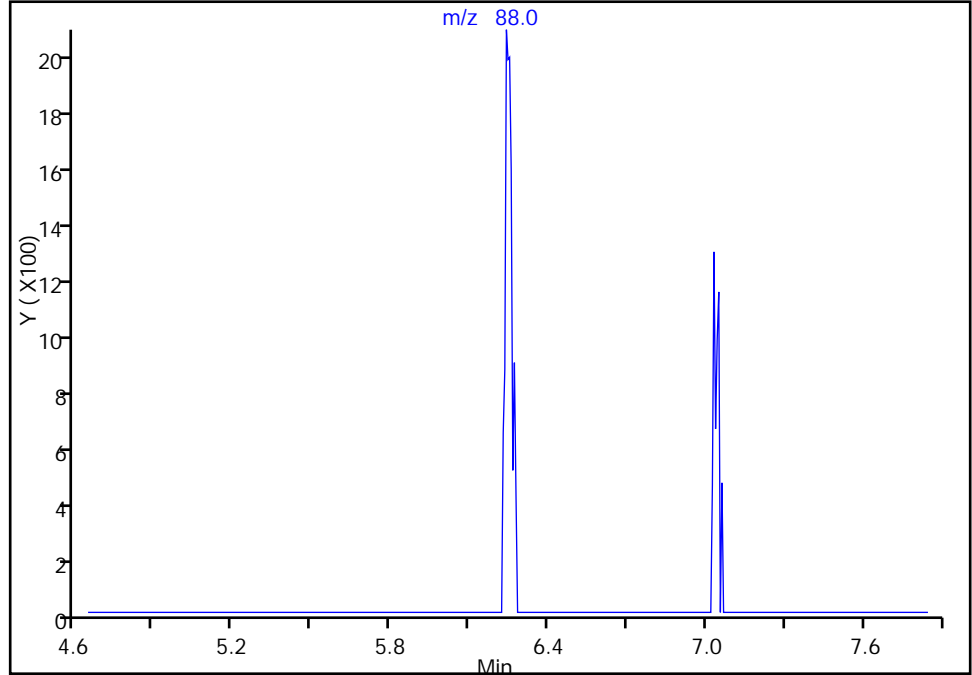
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0849.D
Injection Date: 26-Nov-2016 19:45:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 34 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

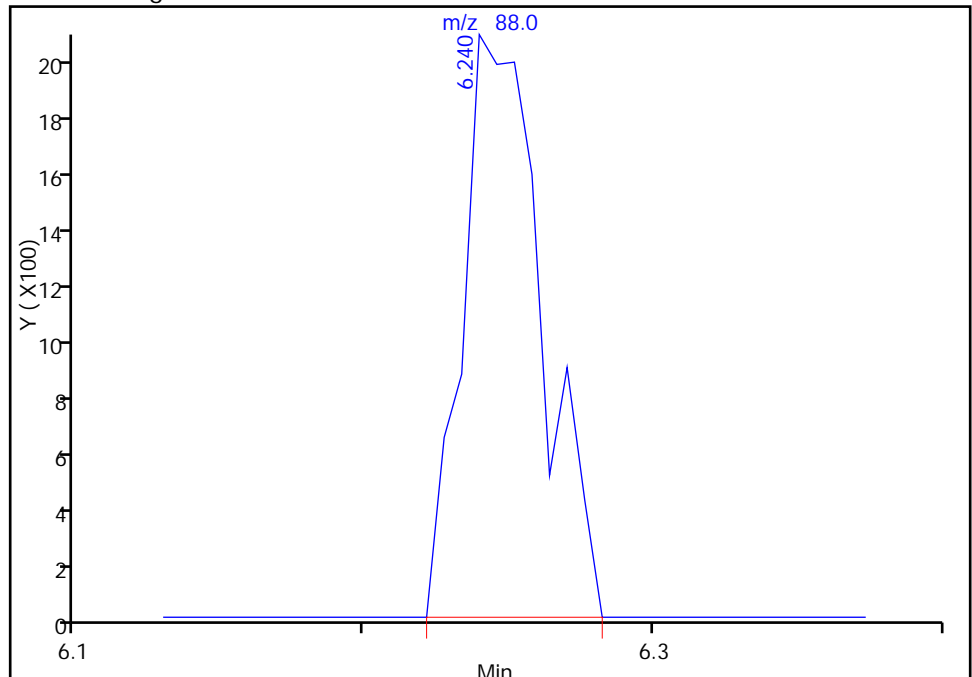
Not Detected
Expected RT: 6.25

Processing Integration Results



RT: 6.24
Area: 3939
Amount: 47.961523
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:22:49
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

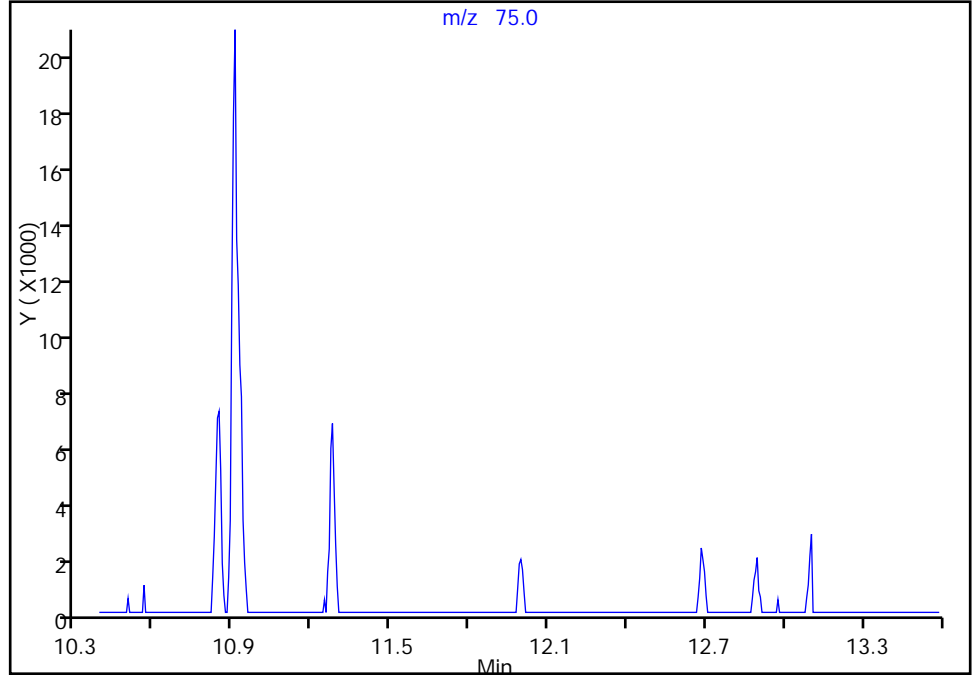
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0849.D
Injection Date: 26-Nov-2016 19:45:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 34 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

117 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8
Signal: 1

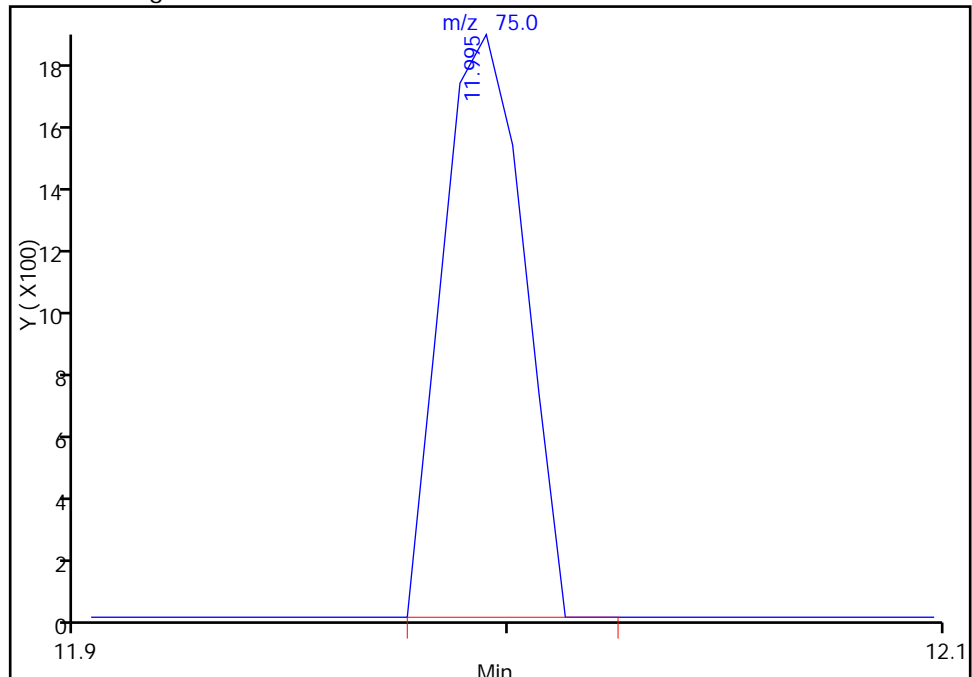
RT: 11.99
Area: 0
Amount: 0
Amount Units: ug/L

Processing Integration Results



RT: 11.99
Area: 2400
Amount: 1.683483
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:22:49
Audit Action: Assigned Compound ID

Audit Reason: Poor chromatography

TestAmerica Buffalo

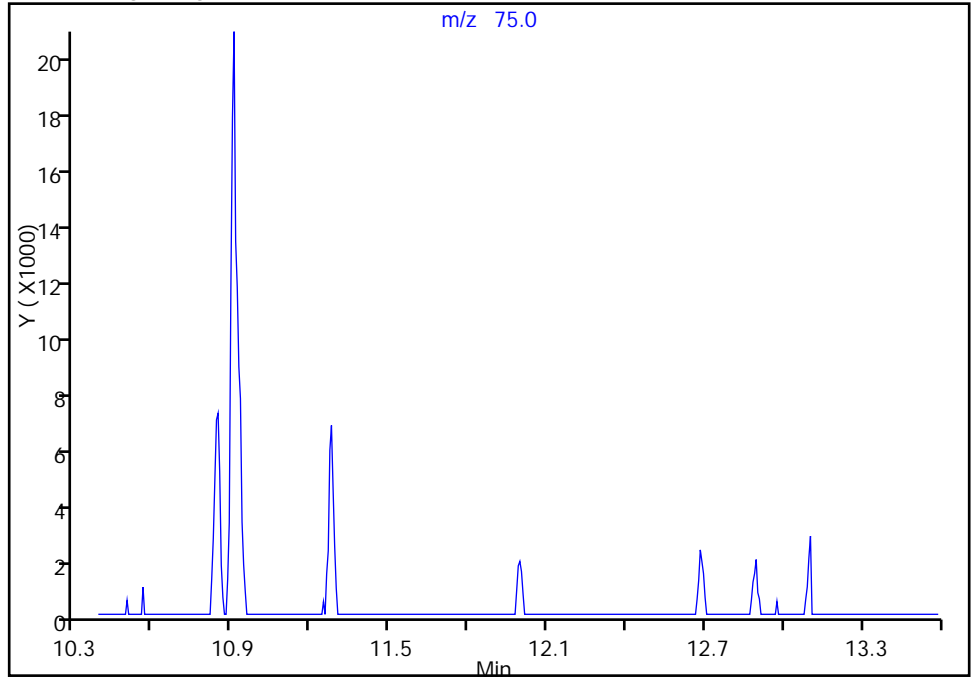
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0849.D
Injection Date: 26-Nov-2016 19:45:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 34 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

117 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

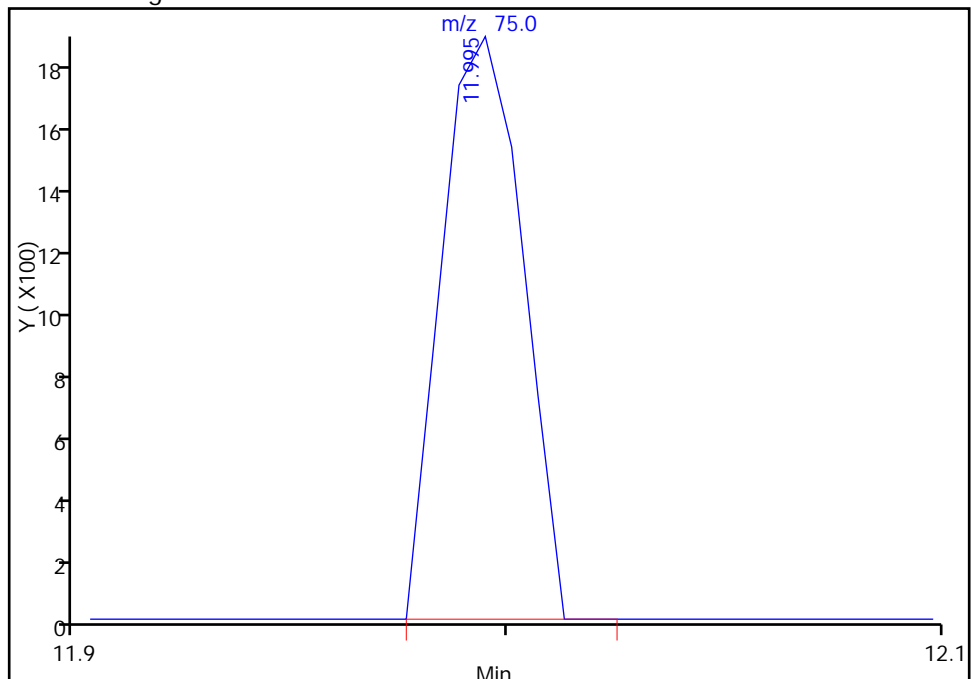
RT: 11.99
Area: 0
Amount: 0
Amount Units: ug/L

Processing Integration Results



RT: 11.99
Area: 2400
Amount: 1.683483
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:22:49

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0850.D
 Lims ID: IC 3
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 26-Nov-2016 20:12:30 ALS Bottle#: 35 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ic 3
 Misc. Info.: 480-0058663-008
 Operator ID: GTG Instrument ID: HP5973N
 Sublist: chrom-N-8260*sub38
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 08-Dec-2016 13:45:18 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK055

First Level Reviewer: archern

Date: 27-Nov-2016 18:24:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	135575	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	506911	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	277026	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	96	174102	25.0	25.6	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.242	5.242	0.000	0	184185	25.0	24.9	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	648400	25.0	25.0	
\$ 7 4-Bromofluorobenzene (Surr	174	9.774	9.774	0.000	96	220782	25.0	25.2	
11 Dichlorodifluoromethane	85	1.379	1.379	0.000	99	33526	5.00	5.13	
13 Chloromethane	50	1.531	1.531	0.000	99	59126	5.00	5.10	
14 Vinyl chloride	62	1.641	1.641	0.000	97	47588	5.00	5.14	
144 Butadiene	54	1.659	1.659	0.000	87	61909	5.00	5.25	
15 Bromomethane	94	1.926	1.926	0.000	87	19538	5.00	4.75	
16 Chloroethane	64	2.042	2.042	0.000	97	24328	5.00	4.68	
17 Dichlorofluoromethane	67	2.261	2.261	0.000	97	59608	5.00	5.02	
18 Trichlorofluoromethane	101	2.261	2.261	0.000	60	45476	5.00	5.16	
19 Ethyl ether	59	2.559	2.559	0.000	94	38879	5.00	5.09	
20 Acrolein	56	2.717	2.717	0.000	98	48178	25.0	24.7	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	95	40758	5.00	5.31	
21 1,1,2-Trichloro-1,2,2-trif	101	2.790	2.790	0.000	70	39530	5.00	5.42	
23 Acetone	43	2.875	2.875	0.000	97	63196	25.0	23.1	
24 Iodomethane	142	2.924	2.924	0.000	97	68973	5.00	5.07	
25 Carbon disulfide	76	2.973	2.973	0.000	98	133344	5.00	5.34	
27 3-Chloro-1-propene	41	3.137	3.137	0.000	95	71256	5.00	5.05	
28 Methyl acetate	43	3.180	3.180	0.000	99	194843	25.0	25.1	
30 Methylene Chloride	84	3.271	3.271	0.000	97	46010	5.00	5.23	
31 2-Methyl-2-propanol	59	3.429	3.429	0.000	99	58180	50.0	49.7	
32 Methyl tert-butyl ether	73	3.508	3.508	0.000	95	124792	5.00	5.08	
33 trans-1,2-Dichloroethene	96	3.514	3.514	0.000	87	42556	5.00	5.16	
34 Acrylonitrile	53	3.532	3.532	0.000	100	202776	50.0	49.8	
35 Hexane	57	3.733	3.733	0.000	92	75087	5.00	5.39	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.922	3.922	0.000	96	77411	5.00	5.10	
39 Vinyl acetate	43	3.977	3.977	0.000	96	189554	10.0	9.66	
42 2,2-Dichloropropane	77	4.445	4.445	0.000	86	43888	5.00	5.35	
43 cis-1,2-Dichloroethene	96	4.475	4.475	0.000	84	43144	5.00	4.85	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	99	109820	25.0	25.3	
47 Chlorobromomethane	128	4.707	4.707	0.000	96	22492	5.00	5.10	
49 Tetrahydrofuran	42	4.737	4.737	0.000	97	35265	10.0	10.5	
50 Chloroform	83	4.780	4.780	0.000	93	69416	5.00	5.45	
51 1,1,1-Trichloroethane	97	4.913	4.913	0.000	98	52527	5.00	5.15	
52 Cyclohexane	56	4.938	4.938	0.000	59	85706	5.00	5.44	
53 Carbon tetrachloride	117	5.059	5.059	0.000	92	48377	5.00	5.21	
54 1,1-Dichloropropene	75	5.059	5.059	0.000	95	56590	5.00	5.67	
56 Isobutyl alcohol	43	5.248	5.248	0.000	61	63439	125.0	122.7	
55 Benzene	78	5.260	5.260	0.000	96	163813	5.00	5.24	
57 1,2-Dichloroethane	62	5.315	5.315	0.000	97	47895	5.00	4.81	
59 n-Heptane	43	5.473	5.473	0.000	94	73480	5.00	5.47	
60 Trichloroethene	95	5.875	5.875	0.000	97	37772	5.00	5.00	
62 Methylcyclohexane	83	6.015	6.015	0.000	93	73797	5.00	5.36	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	98	40891	5.00	5.11	
64 Dibromomethane	93	6.234	6.234	0.000	93	22500	5.00	5.07	
66 1,4-Dioxane	88	6.246	6.246	0.000	21	7040	100.0	85.7	M
67 Dichlorobromomethane	83	6.386	6.386	0.000	98	46220	5.00	5.06	
69 2-Chloroethyl vinyl ether	63	6.666	6.666	0.000	90	28425	5.00	5.47	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	95	57694	5.00	4.91	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	95178	25.0	24.6	
73 Toluene	92	7.110	7.110	0.000	99	97018	5.00	5.07	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	91	51178	5.00	4.96	
77 Ethyl methacrylate	69	7.426	7.426	0.000	90	49537	5.00	5.05	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	89	28163	5.00	5.01	
79 Tetrachloroethene	166	7.651	7.651	0.000	96	46289	5.00	5.39	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	92	54932	5.00	4.87	
82 2-Hexanone	43	7.785	7.785	0.000	96	165440	25.0	26.1	
83 Chlorodibromomethane	129	7.961	7.961	0.000	89	34336	5.00	4.84	
84 Ethylene Dibromide	107	8.065	8.065	0.000	97	33867	5.00	4.90	
85 Chlorobenzene	112	8.551	8.551	0.000	97	108474	5.00	5.05	
89 1,1,1,2-Tetrachloroethane	131	8.643	8.643	0.000	93	38764	5.00	5.12	
88 Ethylbenzene	91	8.649	8.649	0.000	98	175481	5.00	5.17	
90 m-Xylene & p-Xylene	106	8.777	8.777	0.000	0	73353	5.00	5.25	
91 o-Xylene	106	9.196	9.196	0.000	96	69320	5.00	4.98	
92 Styrene	104	9.227	9.227	0.000	97	121990	5.00	5.30	
93 Bromoform	173	9.458	9.458	0.000	96	22702	5.00	4.85	
95 Isopropylbenzene	105	9.586	9.586	0.000	95	184917	5.00	5.13	
97 Bromobenzene	156	9.920	9.920	0.000	89	47644	5.00	4.97	
98 1,1,2,2-Tetrachloroethane	83	9.957	9.957	0.000	92	41440	5.00	4.66	
99 1,2,3-Trichloropropane	110	9.993	9.993	0.000	85	13326	5.00	5.03	
101 trans-1,4-Dichloro-2-buten	53	10.005	10.005	0.000	63	9244	5.00	4.14	
100 N-Propylbenzene	91	10.012	10.012	0.000	98	207346	5.00	5.15	
102 2-Chlorotoluene	126	10.109	10.109	0.000	97	43061	5.00	5.01	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	93	154697	5.00	5.15	
105 4-Chlorotoluene	91	10.218	10.218	0.000	96	140743	5.00	5.09	
106 tert-Butylbenzene	134	10.504	10.504	0.000	91	32879	5.00	4.63	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	96	156738	5.00	5.18	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.711	10.711	0.000	94	202147	5.00	5.33	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	98	91234	5.00	4.98	
111 4-Isopropyltoluene	119	10.851	10.851	0.000	96	167461	5.00	5.09	
113 1,4-Dichlorobenzene	146	10.930	10.930	0.000	94	89981	5.00	4.88	
115 n-Butylbenzene	91	11.240	11.240	0.000	96	141940	5.00	5.03	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	86286	5.00	4.95	
117 1,2-Dibromo-3-Chloropropan	75	12.001	12.001	0.000	90	6439	5.00	4.57	
119 1,2,4-Trichlorobenzene	180	12.682	12.682	0.000	95	60905	5.00	5.10	
120 Hexachlorobutadiene	225	12.810	12.810	0.000	96	25425	5.00	4.84	
121 Naphthalene	128	12.895	12.895	0.000	96	144833	5.00	4.92	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	95	54108	5.00	4.97	
S 125 Total BTEX	1				0			25.7	
S 126 Xylenes, Total	1				0			10.2	
S 123 1,3-Dichloropropene, Total	1				0			9.87	
S 124 1,2-Dichloroethene, Total	1				0			10.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00086

Amount Added: 5.00

Units: uL

GAS CORP mix_00192

Amount Added: 5.00

Units: uL

N_8260_Surr_00219

Amount Added: 1.00

Units: uL

Run Reagent

N 8260 IS_00043

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0850.D

Injection Date: 26-Nov-2016 20:12:30

Instrument ID: HP5973N

Operator ID: GTG

Lims ID: IC 3

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

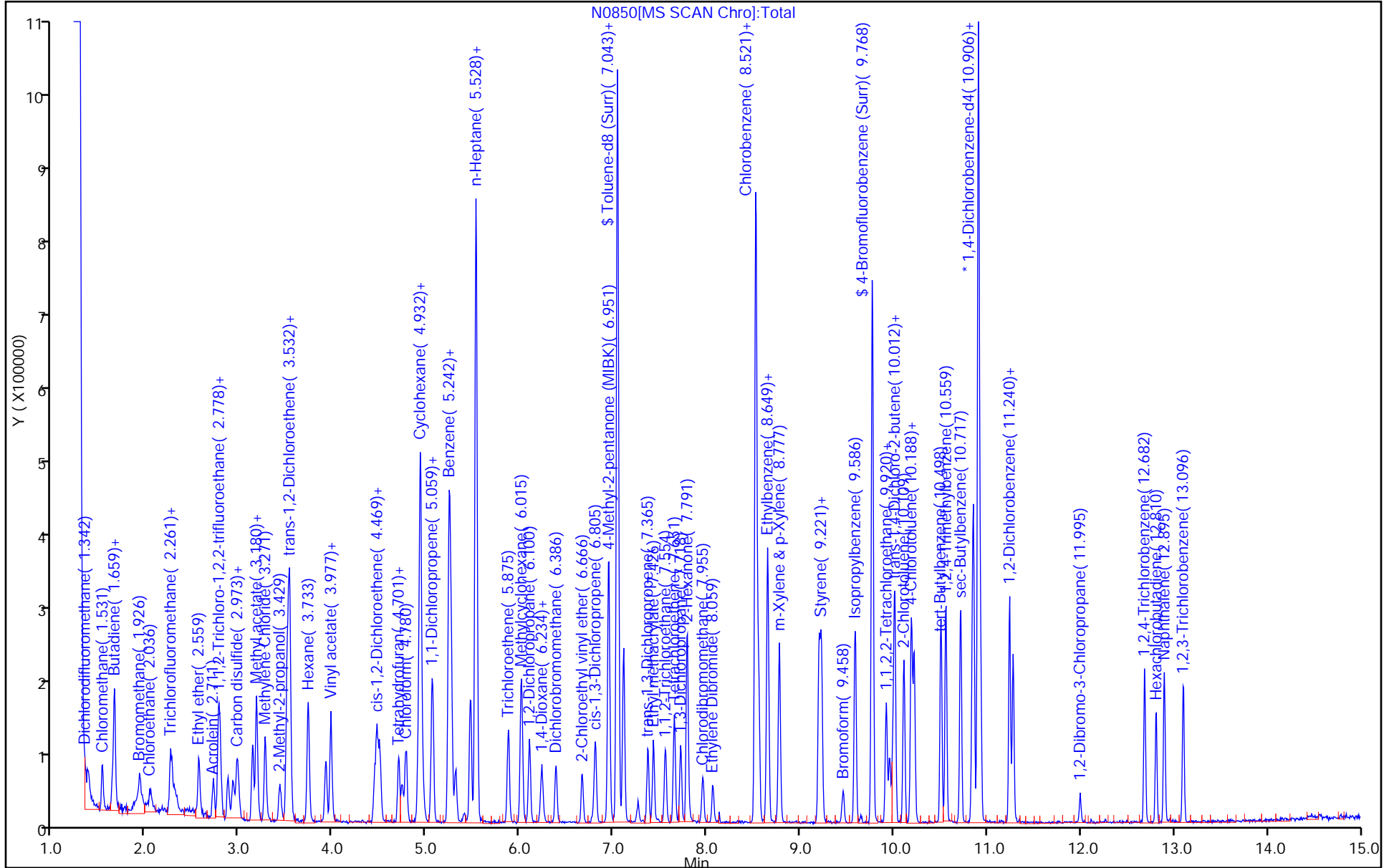
Dil. Factor: 1.0000

ALS Bottle#: 35

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

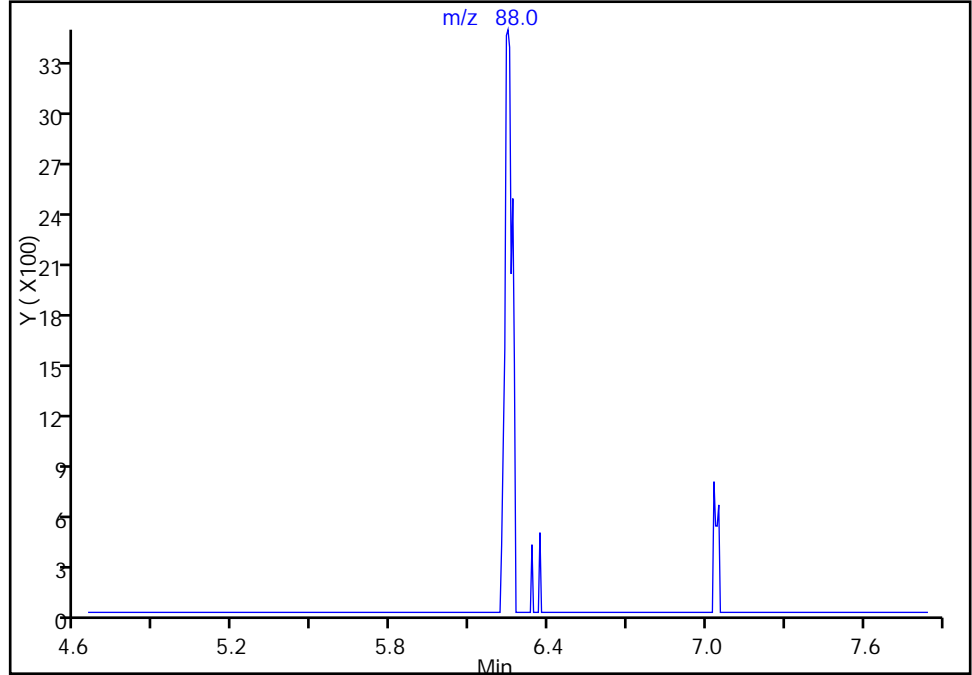
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Injection Date: 26-Nov-2016 20:12:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: GTG ALS Bottle#: 35 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

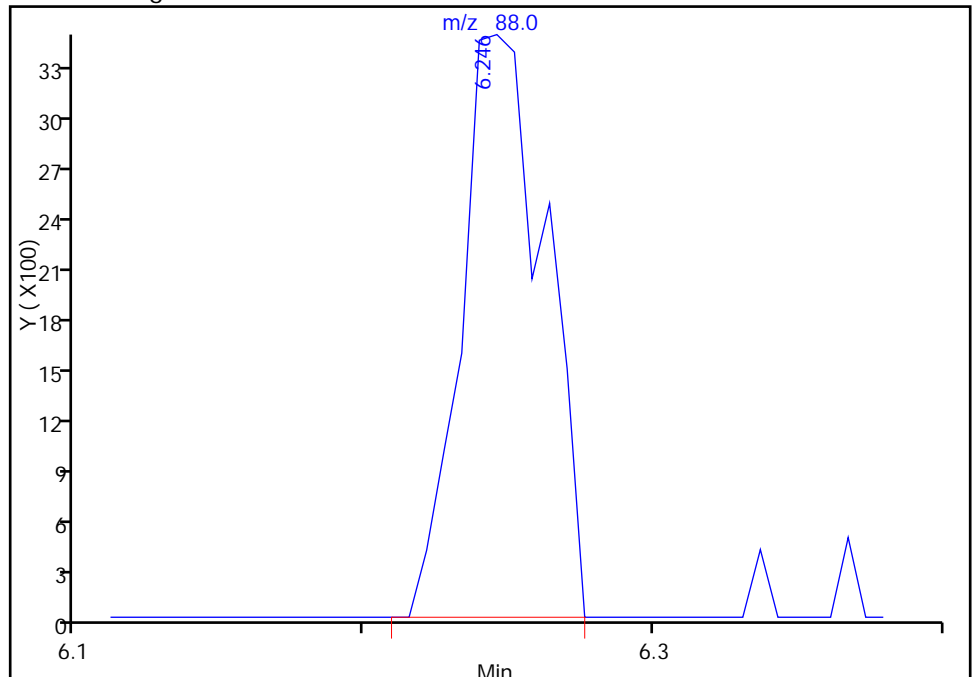
Not Detected
Expected RT: 6.25

Processing Integration Results



Manual Integration Results

RT: 6.25
Area: 7040
Amount: 85.675367
Amount Units: ug/L



Reviewer: archern, 27-Nov-2016 18:24:15
Audit Action: Assigned Compound ID

Audit Reason: Poor chromatography

TestAmerica Buffalo

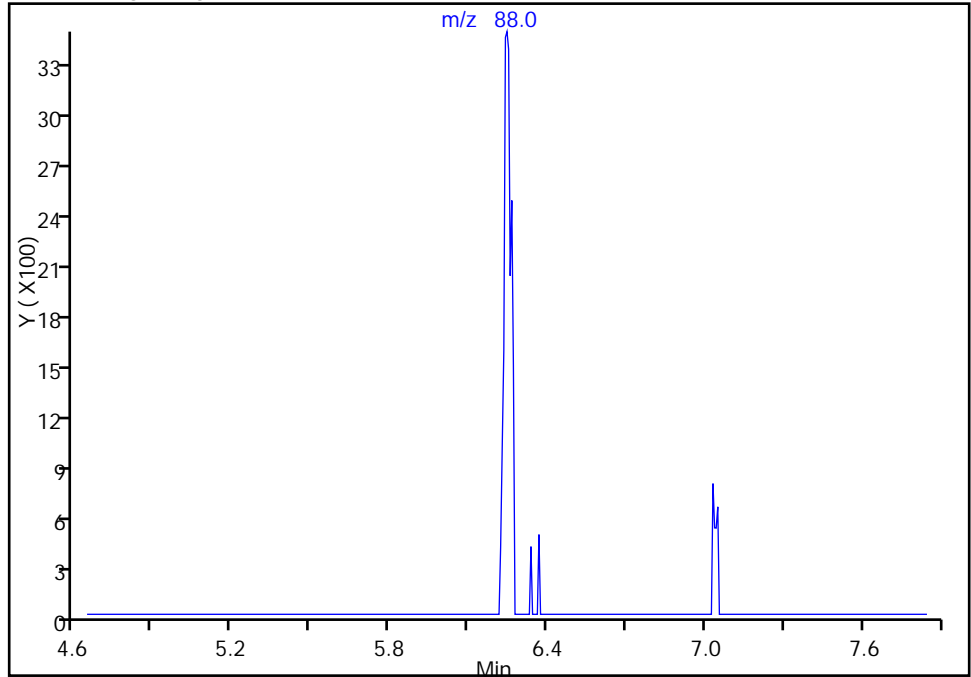
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0850.D
Injection Date: 26-Nov-2016 20:12:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: GTG ALS Bottle#: 35 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

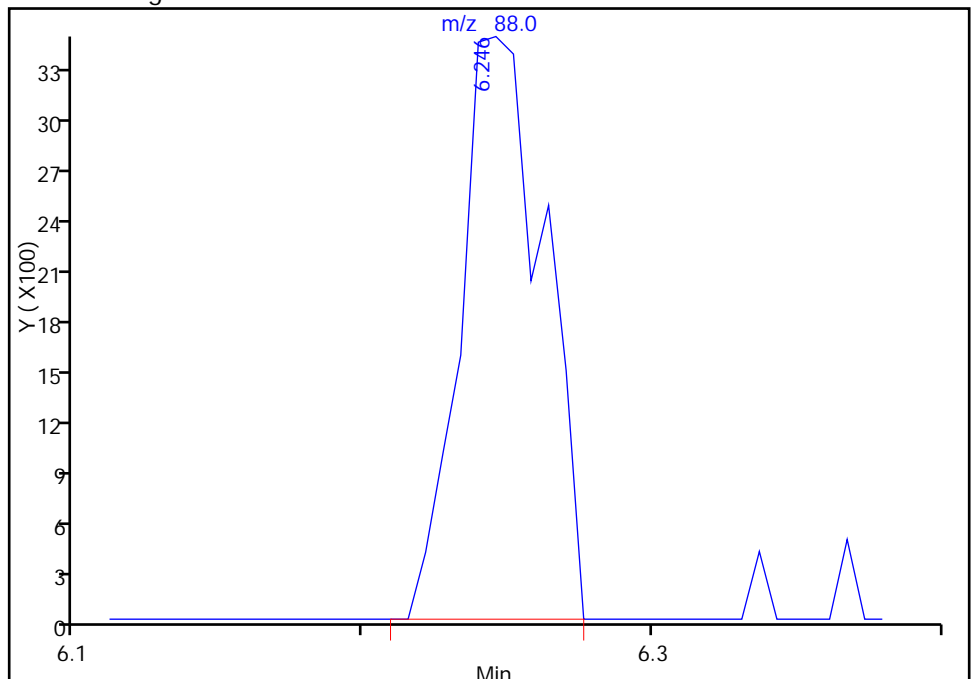
Not Detected
Expected RT: 6.25

Processing Integration Results



Manual Integration Results

RT: 6.25
Area: 7040
Amount: 85.675367
Amount Units: ug/L



Reviewer: archern, 27-Nov-2016 18:24:15

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0851.D
 Lims ID: IC 4
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 26-Nov-2016 20:38:30 ALS Bottle#: 36 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ic 4
 Misc. Info.: 480-0058663-009
 Operator ID: GTG Instrument ID: HP5973N
 Sublist: chrom-N-8260*sub38
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 08-Dec-2016 13:45:23 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK055

First Level Reviewer: archern

Date: 27-Nov-2016 18:24:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	137064	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	514896	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	94	271558	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	94	175468	25.0	25.5	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.242	-0.006	0	192575	25.0	25.7	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	651169	25.0	24.8	
\$ 7 4-Bromofluorobenzene (Surr	174	9.774	9.774	0.000	96	220657	25.0	24.8	
11 Dichlorodifluoromethane	85	1.373	1.379	-0.006	97	64124	10.0	9.71	
13 Chloromethane	50	1.531	1.531	0.000	98	114303	10.0	9.76	
14 Vinyl chloride	62	1.640	1.641	0.000	97	93235	10.0	9.96	
144 Butadiene	54	1.659	1.659	0.000	88	113338	10.0	9.50	
15 Bromomethane	94	1.932	1.926	0.006	89	40355	10.0	9.71	
16 Chloroethane	64	2.042	2.042	0.000	98	50785	10.0	9.67	
17 Dichlorofluoromethane	67	2.261	2.261	0.000	96	121600	10.0	10.1	
18 Trichlorofluoromethane	101	2.291	2.261	0.030	91	86907	10.0	9.76	
19 Ethyl ether	59	2.565	2.559	0.006	93	76655	10.0	9.94	
20 Acrolein	56	2.717	2.717	0.000	99	93478	50.0	47.4	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	96	76524	10.0	9.87	
21 1,1,2-Trichloro-1,2,2-trif	101	2.778	2.790	-0.012	68	73198	10.0	9.94	
23 Acetone	43	2.869	2.875	-0.006	100	140788	50.0	50.8	M
24 Iodomethane	142	2.924	2.924	0.000	98	131881	10.0	9.59	
25 Carbon disulfide	76	2.973	2.973	0.000	99	243020	10.0	9.63	
27 3-Chloro-1-propene	41	3.137	3.137	0.000	94	132582	10.0	9.29	
28 Methyl acetate	43	3.180	3.180	0.000	98	389139	50.0	49.6	
30 Methylene Chloride	84	3.271	3.271	0.000	98	84385	10.0	9.49	
31 2-Methyl-2-propanol	59	3.429	3.429	0.000	100	116706	100.0	98.6	
32 Methyl tert-butyl ether	73	3.508	3.508	0.000	97	246218	10.0	9.91	
33 trans-1,2-Dichloroethene	96	3.514	3.514	0.000	98	84333	10.0	10.1	
34 Acrylonitrile	53	3.532	3.532	0.000	100	419017	100.0	101.7	
35 Hexane	57	3.733	3.733	0.000	88	138273	10.0	9.82	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.916	3.922	-0.006	96	152592	10.0	9.95	
39 Vinyl acetate	43	3.970	3.977	-0.007	97	394173	20.0	19.9	
42 2,2-Dichloropropane	77	4.445	4.445	0.000	87	78537	10.0	9.47	
43 cis-1,2-Dichloroethene	96	4.463	4.475	-0.012	83	85875	10.0	9.54	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	100	222094	50.0	50.5	
47 Chlorobromomethane	128	4.700	4.707	-0.007	97	43550	10.0	9.76	
49 Tetrahydrofuran	42	4.737	4.737	0.000	93	63873	20.0	18.9	
50 Chloroform	83	4.779	4.780	-0.001	93	128505	10.0	9.98	
51 1,1,1-Trichloroethane	97	4.913	4.913	0.000	97	97943	10.0	9.50	
52 Cyclohexane	56	4.932	4.938	-0.006	91	157264	10.0	9.88	
53 Carbon tetrachloride	117	5.053	5.059	-0.006	96	90622	10.0	9.66	
54 1,1-Dichloropropene	75	5.059	5.059	0.000	95	99389	10.0	9.86	
56 Isobutyl alcohol	43	5.248	5.248	0.000	97	129282	250.0	247.4	M
55 Benzene	78	5.260	5.260	0.000	97	308260	10.0	9.75	
57 1,2-Dichloroethane	62	5.309	5.315	-0.006	97	102921	10.0	10.2	
59 n-Heptane	43	5.467	5.473	-0.006	93	128960	10.0	9.50	
60 Trichloroethene	95	5.875	5.875	0.000	96	74958	10.0	9.81	
62 Methylcyclohexane	83	6.014	6.015	-0.001	92	136879	10.0	9.83	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	97	78946	10.0	9.75	
64 Dibromomethane	93	6.233	6.234	-0.001	92	45301	10.0	10.1	
66 1,4-Dioxane	88	6.246	6.246	0.000	57	15840	200.0	189.8	
67 Dichlorobromomethane	83	6.386	6.386	0.000	99	89971	10.0	9.74	
69 2-Chloroethyl vinyl ether	63	6.665	6.666	-0.001	93	51007	10.0	9.70	
71 cis-1,3-Dichloropropene	75	6.811	6.805	0.006	96	115773	10.0	9.75	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	195304	50.0	49.7	
73 Toluene	92	7.109	7.110	-0.001	99	186430	10.0	9.59	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	92	99763	10.0	9.52	
77 Ethyl methacrylate	69	7.426	7.426	0.000	92	100129	10.0	10.1	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	90	55911	10.0	9.78	
79 Tetrachloroethene	166	7.651	7.651	0.000	95	83341	10.0	9.55	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	91	109948	10.0	9.60	
82 2-Hexanone	43	7.785	7.785	0.000	95	329788	50.0	51.3	
83 Chlorodibromomethane	129	7.961	7.961	0.000	91	70453	10.0	9.78	
84 Ethylene Dibromide	107	8.059	8.065	-0.006	98	70225	10.0	10.0	
85 Chlorobenzene	112	8.551	8.551	0.000	97	205625	10.0	9.43	
89 1,1,1,2-Tetrachloroethane	131	8.643	8.643	0.000	92	73989	10.0	9.63	
88 Ethylbenzene	91	8.655	8.649	0.006	98	335701	10.0	9.74	
90 m-Xylene & p-Xylene	106	8.776	8.777	-0.001	0	137182	10.0	9.66	
91 o-Xylene	106	9.202	9.196	0.006	95	135449	10.0	9.59	
92 Styrene	104	9.227	9.227	0.000	95	224733	10.0	9.60	
93 Bromoform	173	9.458	9.458	0.000	98	46844	10.0	9.85	
95 Isopropylbenzene	105	9.586	9.586	0.000	95	340376	10.0	9.62	
97 Bromobenzene	156	9.920	9.920	0.000	90	94007	10.0	10.0	
98 1,1,2,2-Tetrachloroethane	83	9.957	9.957	0.000	93	89410	10.0	10.3	
99 1,2,3-Trichloropropane	110	9.993	9.993	0.000	86	27440	10.0	10.6	
101 trans-1,4-Dichloro-2-buten	53	9.999	10.005	-0.006	64	20491	10.0	9.37	
100 N-Propylbenzene	91	10.011	10.012	-0.001	99	389698	10.0	9.87	
102 2-Chlorotoluene	126	10.109	10.109	0.000	98	87235	10.0	10.4	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	94	281385	10.0	9.55	
105 4-Chlorotoluene	91	10.218	10.218	0.000	95	269877	10.0	9.97	
106 tert-Butylbenzene	134	10.504	10.504	0.000	92	64802	10.0	9.31	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	97	296428	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.717	10.711	0.006	93	369553	10.0	9.94	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	98	177592	10.0	9.89	
111 4-Isopropyltoluene	119	10.851	10.851	0.000	97	323557	10.0	10.0	
113 1,4-Dichlorobenzene	146	10.924	10.930	-0.006	97	181463	10.0	10.0	
115 n-Butylbenzene	91	11.240	11.240	0.000	97	269527	10.0	9.74	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	98	170535	10.0	9.98	
117 1,2-Dibromo-3-Chloropropan	75	11.995	12.001	-0.006	91	14309	10.0	10.4	
119 1,2,4-Trichlorobenzene	180	12.682	12.682	0.000	95	115927	10.0	9.90	
120 Hexachlorobutadiene	225	12.810	12.810	0.000	97	49492	10.0	9.61	
121 Naphthalene	128	12.895	12.895	0.000	96	291100	10.0	10.1	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	95	108172	10.0	10.1	
S 125 Total BTEX	1				0			48.3	
S 126 Xylenes, Total	1				0			19.3	
S 123 1,3-Dichloropropene, Total	1				0			19.3	
S 124 1,2-Dichloroethene, Total	1				0			19.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00086

Amount Added: 5.00

Units: uL

GAS CORP mix_00192

Amount Added: 5.00

Units: uL

N_8260_Surr_00219

Amount Added: 1.00

Units: uL

Run Reagent

N 8260 IS_00043

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0851.D

Injection Date: 26-Nov-2016 20:38:30

Instrument ID: HP5973N

Operator ID: GTG

Lims ID: IC 4

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

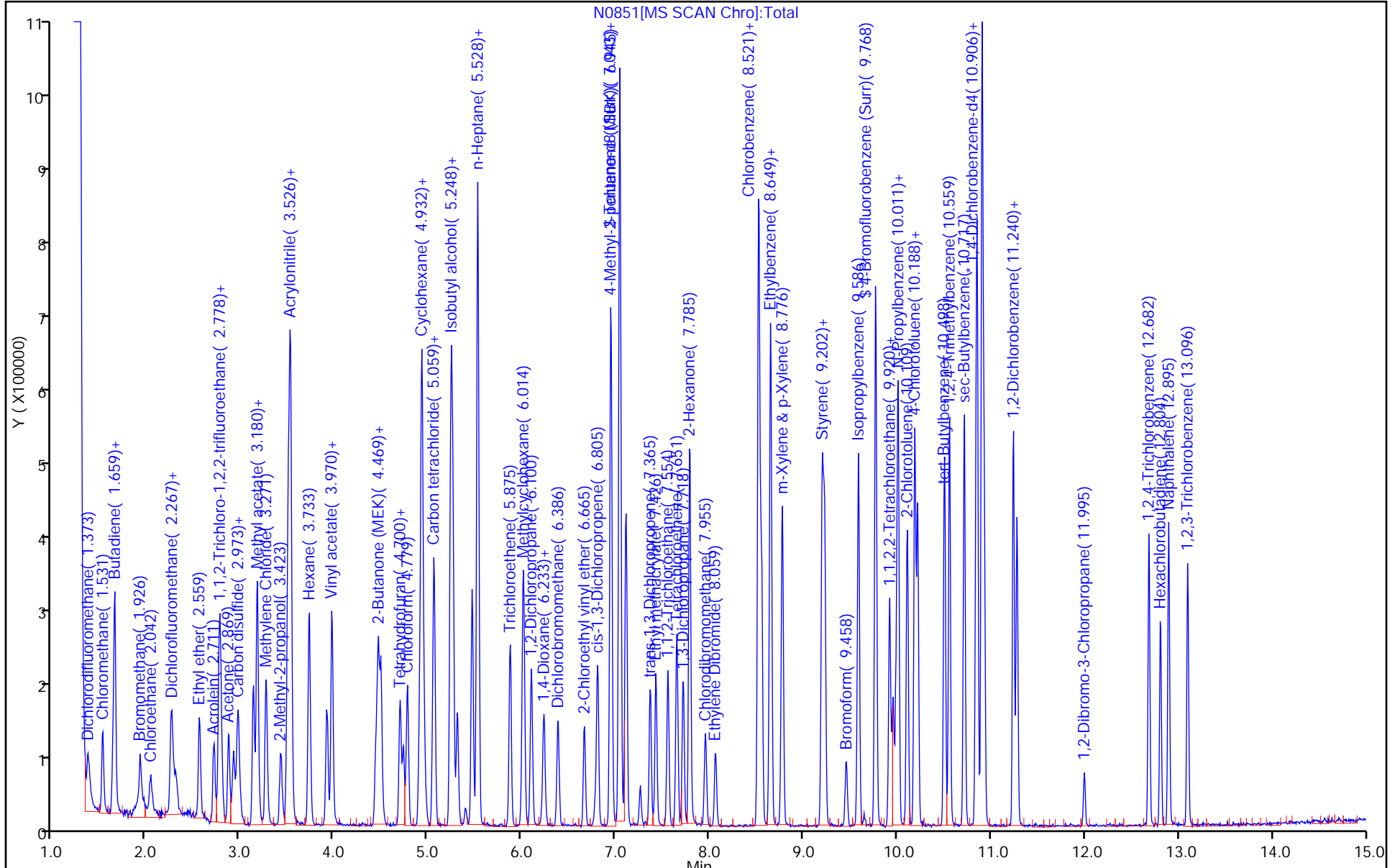
Dil. Factor: 1.0000

ALS Bottle#: 36

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

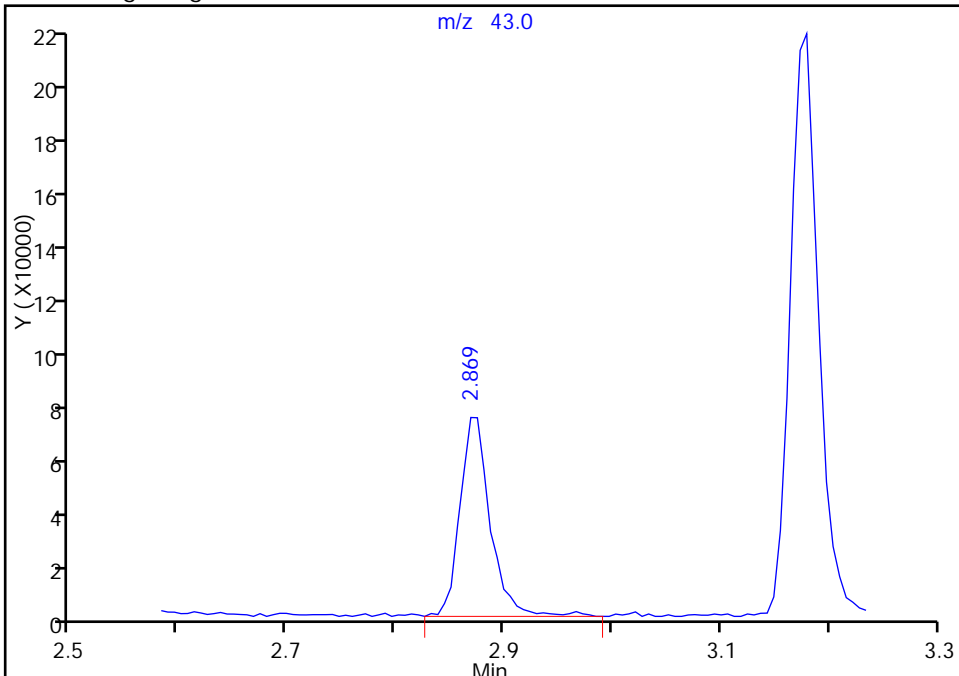
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Injection Date: 26-Nov-2016 20:38:30 Instrument ID: HP5973N
Lims ID: IC 4
Client ID:
Operator ID: GTG ALS Bottle#: 36 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

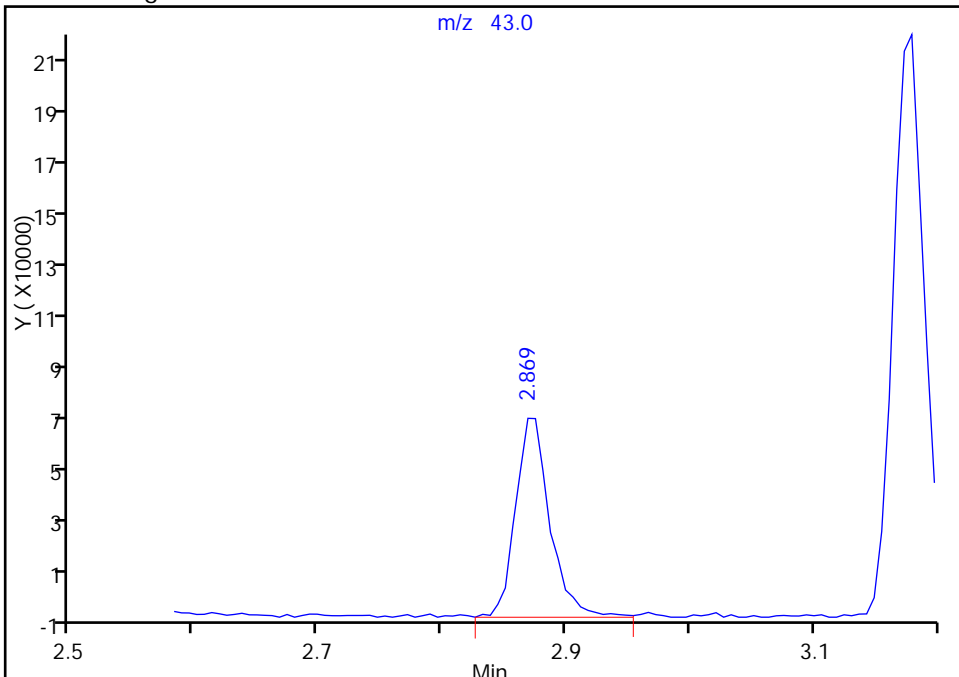
RT: 2.87
Area: 142162
Amount: 56.390364
Amount Units: ug/L

Processing Integration Results



RT: 2.87
Area: 140788
Amount: 50.811680
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:26:38
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

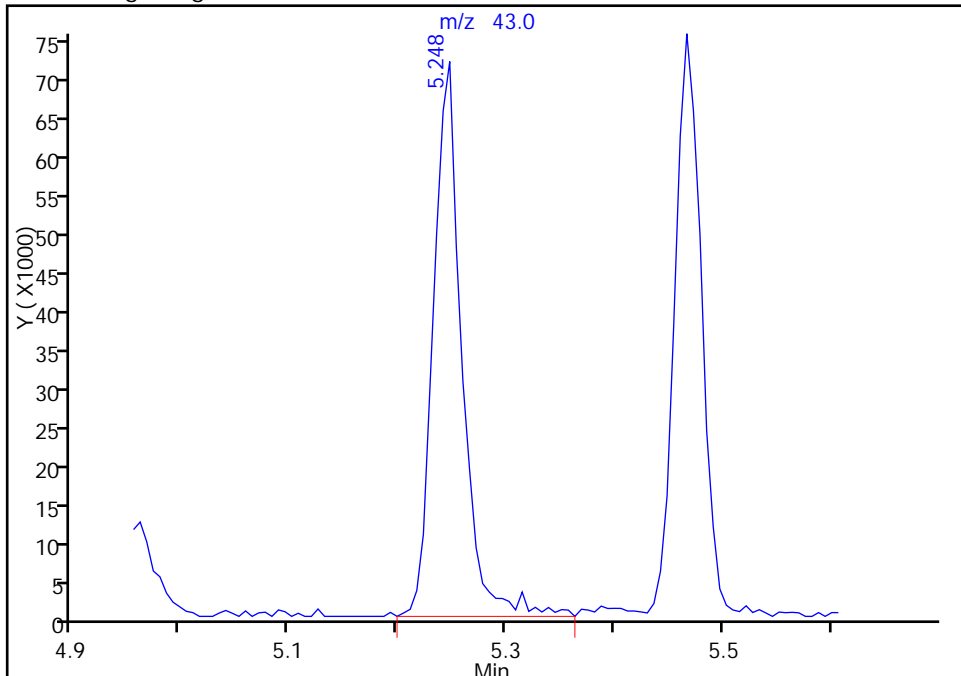
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0851.D
Injection Date: 26-Nov-2016 20:38:30 Instrument ID: HP5973N
Lims ID: IC 4
Client ID:
Operator ID: GTG ALS Bottle#: 36 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

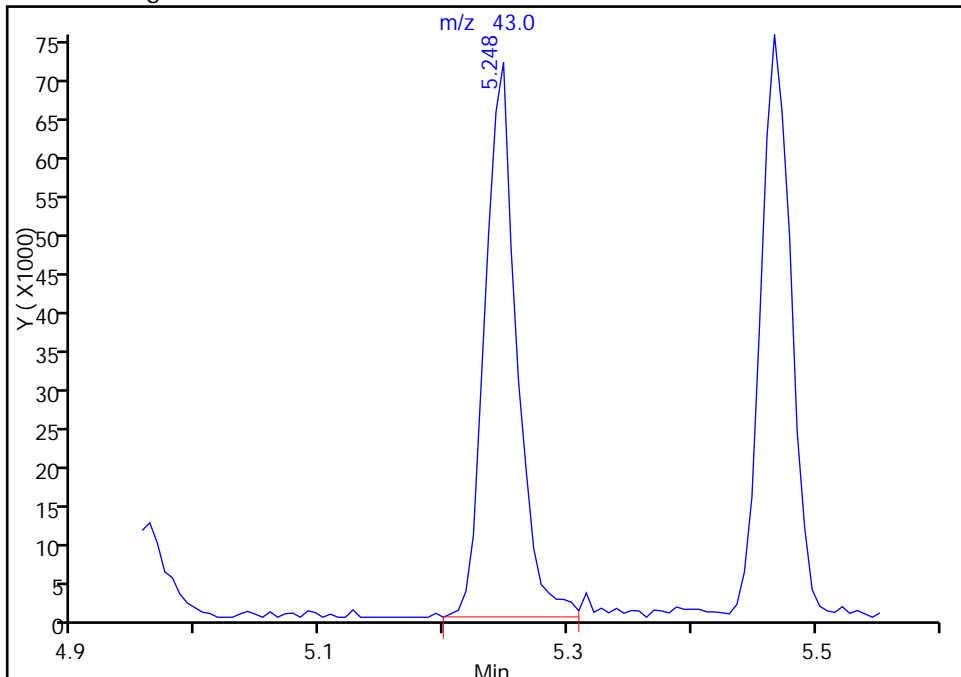
RT: 5.25
Area: 132882
Amount: 253.3984
Amount Units: ug/L

Processing Integration Results



RT: 5.25
Area: 129282
Amount: 247.3826
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:27:40
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0852.D
 Lims ID: ICIS 5
 Client ID:
 Sample Type: ICIS Calib Level: 6
 Inject. Date: 26-Nov-2016 21:05:30 ALS Bottle#: 37 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: icis 5
 Misc. Info.: 480-0058663-010
 Operator ID: GTG Instrument ID: HP5973N
 Sublist: chrom-N-8260*sub38
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 08-Dec-2016 13:45:27 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK055

First Level Reviewer: archern

Date: 27-Nov-2016 17:53:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	138461	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	507737	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	270530	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	94	172592	25.0	24.8	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.242	5.242	0.000	0	194241	25.0	25.7	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	650489	25.0	25.1	
\$ 7 4-Bromofluorobenzene (Surr	174	9.774	9.774	0.000	96	222645	25.0	25.3	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	99	160758	25.0	24.1	
13 Chloromethane	50	1.531	1.531	0.000	99	273682	25.0	23.1	
14 Vinyl chloride	62	1.641	1.641	0.000	97	228049	25.0	24.1	
144 Butadiene	54	1.659	1.659	0.000	88	276470	25.0	22.9	
15 Bromomethane	94	1.933	1.933	0.000	90	102165	25.0	24.3	
16 Chloroethane	64	2.042	2.042	0.000	100	121986	25.0	23.0	
17 Dichlorofluoromethane	67	2.261	2.261	0.000	97	271423	25.0	22.4	
18 Trichlorofluoromethane	101	2.285	2.285	0.000	93	222390	25.0	24.7	
19 Ethyl ether	59	2.559	2.559	0.000	93	190197	25.0	24.4	
20 Acrolein	56	2.717	2.717	0.000	100	231880	125.0	116.5	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	98	188544	25.0	24.1	
21 1,1,2-Trichloro-1,2,2-trif	101	2.784	2.784	0.000	89	180597	25.0	24.3	
23 Acetone	43	2.869	2.869	0.000	99	315194	125.0	112.6	
24 Iodomethane	142	2.924	2.924	0.000	96	335891	25.0	24.2	
25 Carbon disulfide	76	2.973	2.973	0.000	99	614269	25.0	24.1	
27 3-Chloro-1-propene	41	3.137	3.137	0.000	94	351720	25.0	24.4	
28 Methyl acetate	43	3.174	3.174	0.000	99	919146	125.0	116.1	
30 Methylene Chloride	84	3.271	3.271	0.000	98	202415	25.0	22.5	
31 2-Methyl-2-propanol	59	3.429	3.429	0.000	100	285239	250.0	238.6	
32 Methyl tert-butyl ether	73	3.502	3.502	0.000	97	600045	25.0	23.9	
33 trans-1,2-Dichloroethene	96	3.514	3.514	0.000	96	196593	25.0	23.3	
34 Acrylonitrile	53	3.532	3.532	0.000	100	987524	250.0	237.4	
35 Hexane	57	3.733	3.733	0.000	92	340235	25.0	23.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.922	3.922	0.000	96	365002	25.0	23.6	
39 Vinyl acetate	43	3.971	3.971	0.000	97	977924	50.0	48.8	
42 2,2-Dichloropropane	77	4.451	4.451	0.000	87	191005	25.0	22.8	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	79	215445	25.0	23.7	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	100	546600	125.0	123.1	
47 Chlorobromomethane	128	4.701	4.701	0.000	97	112066	25.0	24.9	
49 Tetrahydrofuran	42	4.731	4.731	0.000	93	165489	50.0	48.4	
50 Chloroform	83	4.780	4.780	0.000	94	306258	25.0	23.5	
51 1,1,1-Trichloroethane	97	4.913	4.913	0.000	98	252137	25.0	24.2	
52 Cyclohexane	56	4.932	4.932	0.000	92	390583	25.0	24.3	
53 Carbon tetrachloride	117	5.059	5.059	0.000	94	232383	25.0	24.5	
54 1,1-Dichloropropene	75	5.059	5.059	0.000	96	252689	25.0	24.8	
56 Isobutyl alcohol	43	5.242	5.242	0.000	96	314461	625.0	595.7	
55 Benzene	78	5.260	5.260	0.000	97	771251	25.0	24.2	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	96	246682	25.0	24.3	
59 n-Heptane	43	5.467	5.467	0.000	94	311657	25.0	22.7	
60 Trichloroethene	95	5.875	5.875	0.000	93	182351	25.0	23.6	
62 Methylcyclohexane	83	6.015	6.015	0.000	92	340955	25.0	24.3	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	98	197738	25.0	24.2	
64 Dibromomethane	93	6.234	6.234	0.000	93	110789	25.0	24.4	
66 1,4-Dioxane	88	6.246	6.246	0.000	51	39315	500.0	477.7	
67 Dichlorobromomethane	83	6.386	6.386	0.000	98	220302	25.0	23.6	
69 2-Chloroethyl vinyl ether	63	6.666	6.666	0.000	91	130650	25.0	24.6	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	96	299706	25.0	25.0	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	473141	125.0	122.2	
73 Toluene	92	7.110	7.110	0.000	99	458633	25.0	23.9	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	93	255689	25.0	24.7	
77 Ethyl methacrylate	69	7.426	7.426	0.000	92	233867	25.0	23.8	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	91	130515	25.0	23.2	
79 Tetrachloroethene	166	7.651	7.651	0.000	97	201600	25.0	23.4	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	93	270820	25.0	24.0	
82 2-Hexanone	43	7.785	7.785	0.000	94	755935	125.0	119.3	
83 Chlorodibromomethane	129	7.955	7.955	0.000	90	181305	25.0	25.5	
84 Ethylene Dibromide	107	8.065	8.065	0.000	99	172013	25.0	24.9	
85 Chlorobenzene	112	8.551	8.551	0.000	95	508350	25.0	23.7	
89 1,1,1,2-Tetrachloroethane	131	8.649	8.649	0.000	95	184836	25.0	24.4	
88 Ethylbenzene	91	8.655	8.655	0.000	98	791860	25.0	23.3	
90 m-Xylene & p-Xylene	106	8.777	8.777	0.000	0	332642	25.0	23.8	
91 o-Xylene	106	9.202	9.202	0.000	95	351741	25.0	25.3	
92 Styrene	104	9.227	9.227	0.000	96	552718	25.0	24.0	
93 Bromoform	173	9.458	9.458	0.000	98	113492	25.0	24.2	
95 Isopropylbenzene	105	9.586	9.586	0.000	95	835017	25.0	23.7	
97 Bromobenzene	156	9.920	9.920	0.000	89	227306	25.0	24.3	
98 1,1,2,2-Tetrachloroethane	83	9.951	9.951	0.000	94	213562	25.0	24.6	
99 1,2,3-Trichloropropane	110	9.987	9.987	0.000	85	65279	25.0	25.2	
101 trans-1,4-Dichloro-2-buten	53	10.005	10.005	0.000	76	56764	25.0	26.0	
100 N-Propylbenzene	91	10.012	10.012	0.000	99	935439	25.0	23.8	
102 2-Chlorotoluene	126	10.109	10.109	0.000	97	201494	25.0	24.0	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	94	704428	25.0	24.0	
105 4-Chlorotoluene	91	10.218	10.218	0.000	97	646884	25.0	24.0	
106 tert-Butylbenzene	134	10.504	10.504	0.000	92	163295	25.0	23.6	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	96	726368	25.0	24.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.717	10.717	0.000	93	903072	25.0	24.4	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	98	426600	25.0	23.8	
111 4-Isopropyltoluene	119	10.857	10.857	0.000	97	768559	25.0	23.9	
113 1,4-Dichlorobenzene	146	10.930	10.930	0.000	95	434793	25.0	24.1	
115 n-Butylbenzene	91	11.240	11.240	0.000	97	662307	25.0	24.0	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	414966	25.0	24.4	
117 1,2-Dibromo-3-Chloropropan	75	11.989	11.989	0.000	91	35215	25.0	25.6	
119 1,2,4-Trichlorobenzene	180	12.682	12.682	0.000	94	290177	25.0	24.9	
120 Hexachlorobutadiene	225	12.810	12.810	0.000	96	121634	25.0	23.7	
121 Naphthalene	128	12.895	12.895	0.000	97	721010	25.0	25.1	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	96	263928	25.0	24.8	

Reagents:

8260 CORP mix_00086	Amount Added: 12.50	Units: uL	
GAS CORP mix_00192	Amount Added: 12.50	Units: uL	
N_8260_Surr_00219	Amount Added: 1.00	Units: uL	Run Reagent
N 8260 IS_00043	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0852.D

Injection Date: 26-Nov-2016 21:05:30

Instrument ID: HP5973N

Operator ID: GTG

Lims ID: ICIS 5

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

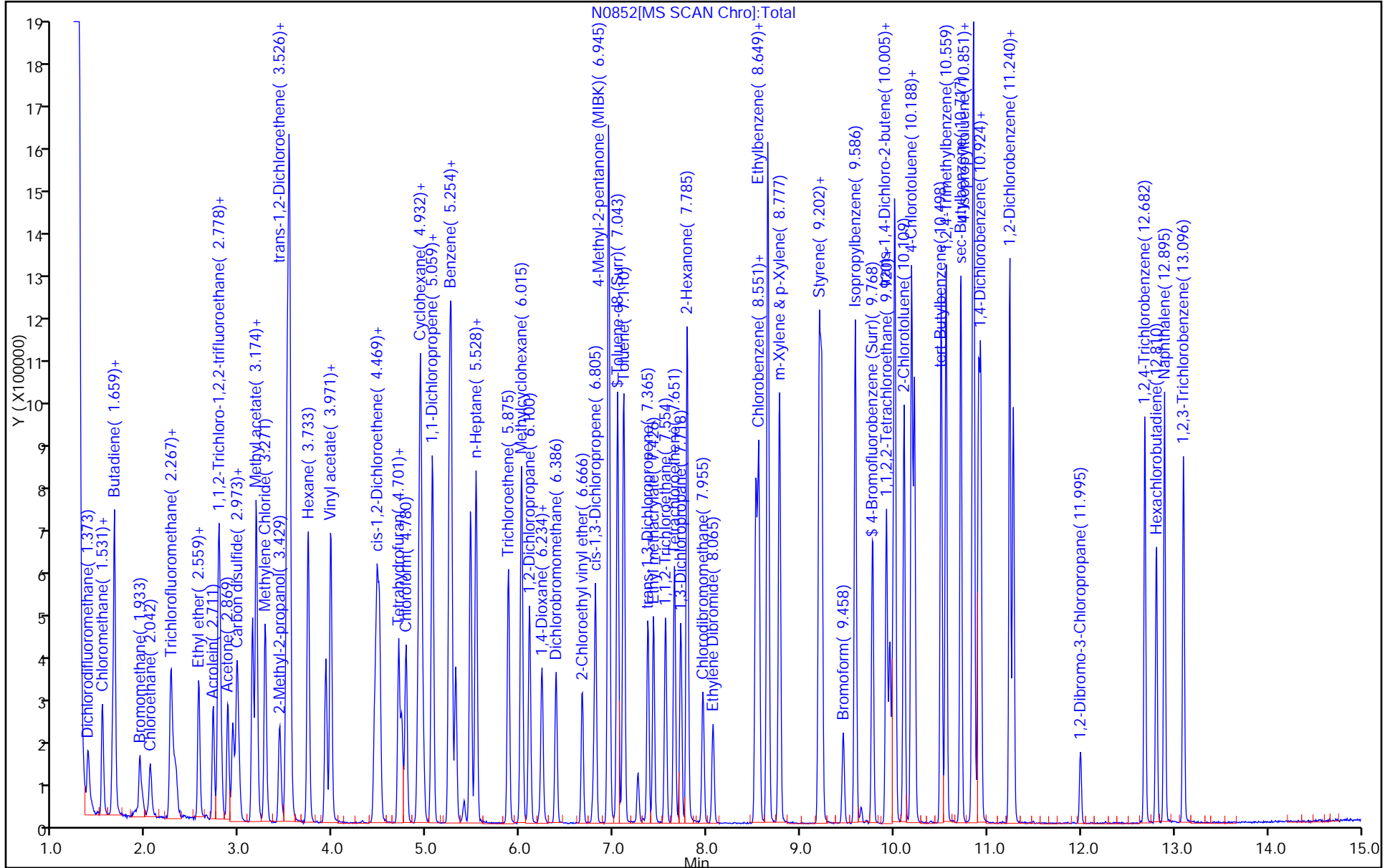
Dil. Factor: 1.0000

ALS Bottle#: 37

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0853.D
 Lims ID: IC 6
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 26-Nov-2016 21:32:30 ALS Bottle#: 38 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ic 6
 Misc. Info.: 480-0058663-011
 Operator ID: GTG Instrument ID: HP5973N
 Sublist: chrom-N-8260*sub38
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 08-Dec-2016 13:45:31 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK055

First Level Reviewer: archern

Date: 27-Nov-2016 17:59:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	135445	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	500498	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	265986	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	93	167950	25.0	24.7	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.242	-0.006	0	186150	25.0	25.2	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	652829	25.0	25.5	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.774	-0.006	96	219535	25.0	25.4	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	99	320184	50.0	49.1	M
13 Chloromethane	50	1.531	1.531	0.000	99	518473	50.0	44.8	
14 Vinyl chloride	62	1.640	1.641	0.000	98	434792	50.0	47.0	
144 Butadiene	54	1.659	1.659	0.000	87	515819	50.0	43.7	
15 Bromomethane	94	1.932	1.933	-0.001	91	203966	50.0	49.7	
16 Chloroethane	64	2.042	2.042	0.000	100	247876	50.0	47.8	
17 Dichlorofluoromethane	67	2.261	2.261	0.000	97	548434	50.0	46.2	
18 Trichlorofluoromethane	101	2.291	2.285	0.006	95	431484	50.0	49.0	
19 Ethyl ether	59	2.559	2.559	0.000	95	367642	50.0	48.2	
20 Acrolein	56	2.711	2.717	-0.006	99	447520	250.0	229.8	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	98	350485	50.0	45.7	
21 1,1,2-Trichloro-1,2,2-trif	101	2.778	2.784	-0.006	88	357944	50.0	49.2	
23 Acetone	43	2.869	2.869	0.000	100	629705	250.0	230.0	
24 Iodomethane	142	2.924	2.924	0.000	96	644341	50.0	47.4	
25 Carbon disulfide	76	2.973	2.973	0.000	99	1170174	50.0	46.9	
27 3-Chloro-1-propene	41	3.137	3.137	0.000	94	673187	50.0	47.7	
28 Methyl acetate	43	3.174	3.174	0.000	98	1757783	250.0	226.9	
30 Methylene Chloride	84	3.271	3.271	0.000	98	391513	50.0	44.6	
31 2-Methyl-2-propanol	59	3.423	3.429	-0.006	100	536285	500.0	458.7	
32 Methyl tert-butyl ether	73	3.502	3.502	0.000	97	1134569	50.0	46.2	
33 trans-1,2-Dichloroethene	96	3.514	3.514	0.000	98	376345	50.0	45.7	
34 Acrylonitrile	53	3.532	3.532	0.000	100	1909727	500.0	469.3	
35 Hexane	57	3.733	3.733	0.000	90	654184	50.0	47.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.922	3.922	0.000	96	701253	50.0	46.3	
39 Vinyl acetate	43	3.970	3.971	-0.001	97	1860886	100.0	94.9	
42 2,2-Dichloropropane	77	4.445	4.451	-0.006	88	360775	50.0	44.0	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	80	411902	50.0	46.3	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	100	1060316	250.0	244.2	
47 Chlorobromomethane	128	4.701	4.701	0.000	97	214973	50.0	48.8	
49 Tetrahydrofuran	42	4.731	4.731	0.000	93	311372	100.0	93.2	
50 Chloroform	83	4.780	4.780	0.000	94	585355	50.0	46.0	
51 1,1,1-Trichloroethane	97	4.907	4.913	-0.006	99	471867	50.0	46.3	
52 Cyclohexane	56	4.938	4.932	0.006	92	748457	50.0	47.6	
53 Carbon tetrachloride	117	5.053	5.059	-0.006	96	451181	50.0	48.7	
54 1,1-Dichloropropene	75	5.059	5.059	0.000	94	484150	50.0	48.6	
56 Isobutyl alcohol	43	5.242	5.242	0.000	97	585951	1250.0	1134.6	
55 Benzene	78	5.260	5.260	0.000	98	1434532	50.0	45.9	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	97	478223	50.0	48.1	
59 n-Heptane	43	5.467	5.467	0.000	93	600367	50.0	44.8	
60 Trichloroethene	95	5.875	5.875	0.000	95	357574	50.0	47.4	
62 Methylcyclohexane	83	6.015	6.015	0.000	92	647995	50.0	47.1	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	98	390323	50.0	48.8	
64 Dibromomethane	93	6.227	6.234	-0.007	92	218167	50.0	49.2	
66 1,4-Dioxane	88	6.246	6.246	0.000	95	70178	1000.0	865.0	
67 Dichlorobromomethane	83	6.380	6.386	-0.006	99	441030	50.0	48.3	
69 2-Chloroethyl vinyl ether	63	6.666	6.666	0.000	92	260747	50.0	50.2	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	96	580392	50.0	49.4	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	891814	250.0	233.7	
73 Toluene	92	7.110	7.110	0.000	99	859397	50.0	45.5	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	93	508043	50.0	49.9	
77 Ethyl methacrylate	69	7.426	7.426	0.000	92	465432	50.0	48.1	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	91	258753	50.0	46.6	
79 Tetrachloroethene	166	7.651	7.651	0.000	97	392494	50.0	46.3	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	92	524692	50.0	47.1	
82 2-Hexanone	43	7.785	7.785	0.000	98	1443443	250.0	231.1	
83 Chlorodibromomethane	129	7.955	7.955	0.000	90	353343	50.0	50.5	
84 Ethylene Dibromide	107	8.059	8.065	-0.006	98	336699	50.0	49.4	
85 Chlorobenzene	112	8.551	8.551	0.000	96	984717	50.0	46.5	
89 1,1,1,2-Tetrachloroethane	131	8.643	8.649	-0.006	94	357681	50.0	47.9	
88 Ethylbenzene	91	8.655	8.655	0.000	98	1522485	50.0	45.5	
90 m-Xylene & p-Xylene	106	8.777	8.777	-0.001	0	658355	50.0	47.7	
91 o-Xylene	106	9.202	9.202	0.000	95	668908	50.0	48.7	
92 Styrene	104	9.227	9.227	0.000	96	1084257	50.0	47.7	
93 Bromoform	173	9.458	9.458	0.000	99	232874	50.0	50.4	
95 Isopropylbenzene	105	9.586	9.586	0.000	95	1595835	50.0	46.1	
97 Bromobenzene	156	9.920	9.920	0.000	90	439603	50.0	47.7	
98 1,1,2,2-Tetrachloroethane	83	9.957	9.951	0.006	93	416280	50.0	48.8	
99 1,2,3-Trichloropropane	110	9.993	9.987	0.006	85	130370	50.0	51.3	
101 trans-1,4-Dichloro-2-buten	53	9.999	10.005	-0.006	77	128497	50.0	60.0	
100 N-Propylbenzene	91	10.011	10.012	-0.001	98	1768863	50.0	45.7	
102 2-Chlorotoluene	126	10.109	10.109	0.000	98	396971	50.0	48.1	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	95	1323289	50.0	45.9	
105 4-Chlorotoluene	91	10.218	10.218	0.000	96	1233547	50.0	46.5	
106 tert-Butylbenzene	134	10.504	10.504	0.000	92	317886	50.0	46.6	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	97	1348221	50.0	46.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.717	10.717	0.000	93	1692843	50.0	46.5	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	98	824072	50.0	46.8	
111 4-Isopropyltoluene	119	10.857	10.857	0.000	97	1453376	50.0	46.0	
113 1,4-Dichlorobenzene	146	10.930	10.930	0.000	96	842669	50.0	47.6	
115 n-Butylbenzene	91	11.240	11.240	0.000	96	1256419	50.0	46.4	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	802946	50.0	48.0	
117 1,2-Dibromo-3-Chloropropan	75	11.995	11.989	0.006	92	74418	50.0	55.0	
119 1,2,4-Trichlorobenzene	180	12.682	12.682	0.000	94	575969	50.0	50.2	
120 Hexachlorobutadiene	225	12.810	12.810	0.000	97	232498	50.0	46.1	
121 Naphthalene	128	12.895	12.895	0.000	97	1380599	50.0	48.9	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	95	518346	50.0	49.6	
S 125 Total BTEX	1				0			233.3	
S 126 Xylenes, Total	1				0			96.4	
S 123 1,3-Dichloropropene, Total	1				0			99.3	
S 124 1,2-Dichloroethene, Total	1				0			92.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00086

Amount Added: 25.00

Units: uL

GAS CORP mix_00192

Amount Added: 25.00

Units: uL

N_8260_Surr_00219

Amount Added: 1.00

Units: uL

Run Reagent

N 8260 IS_00043

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0853.D

Injection Date: 26-Nov-2016 21:32:30

Instrument ID: HP5973N

Operator ID: GTG

Lims ID: IC 6

Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL

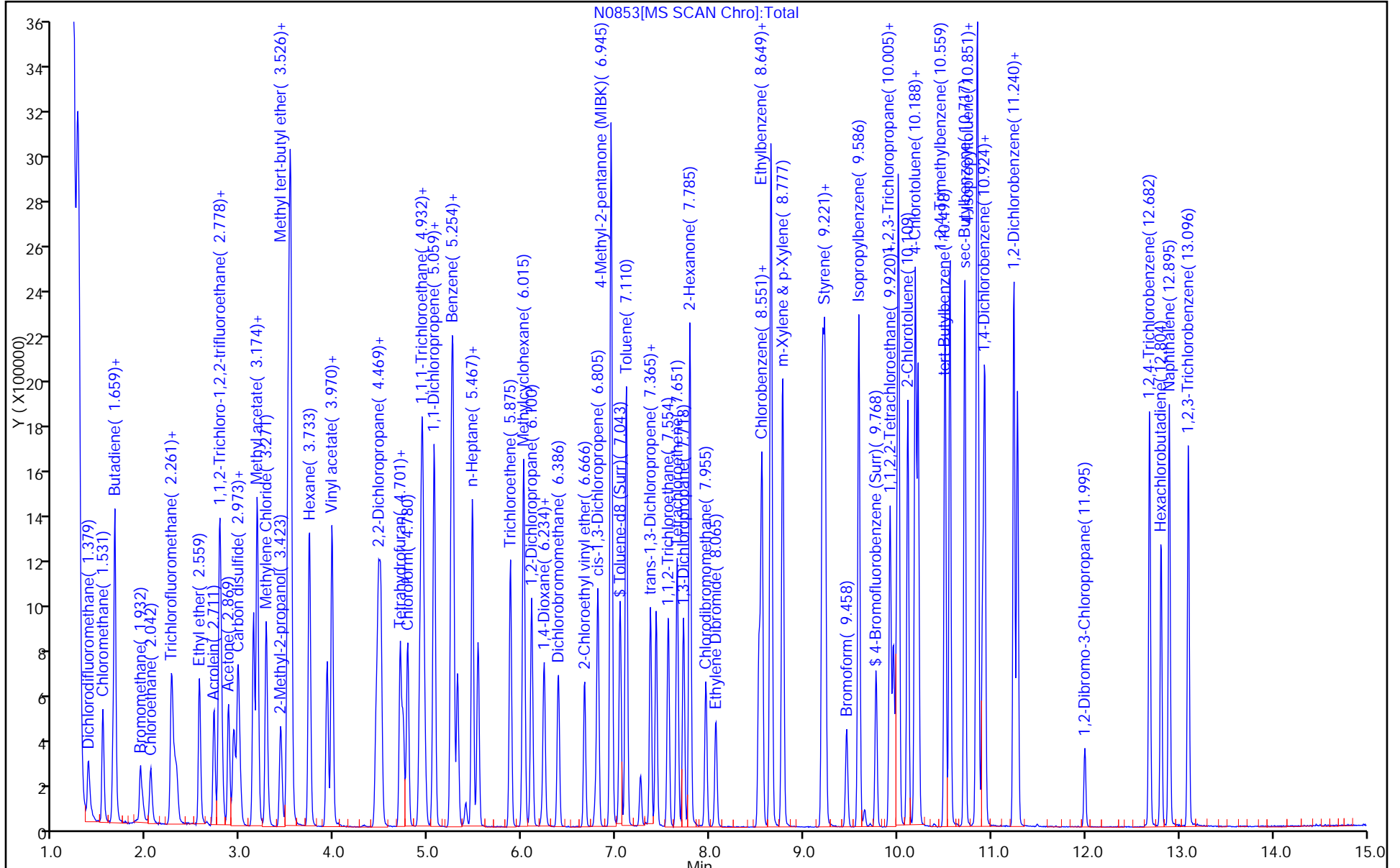
Dil. Factor: 1.0000

ALS Bottle#: 38

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

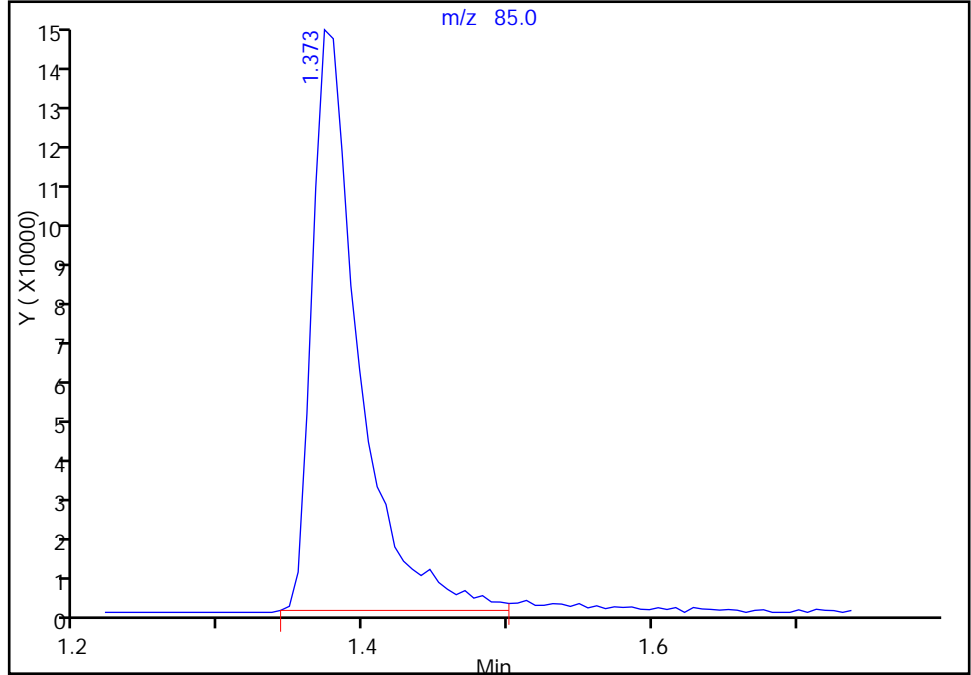
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Injection Date: 26-Nov-2016 21:32:30 Instrument ID: HP5973N
Lims ID: IC 6
Client ID:
Operator ID: GTG ALS Bottle#: 38 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

11 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

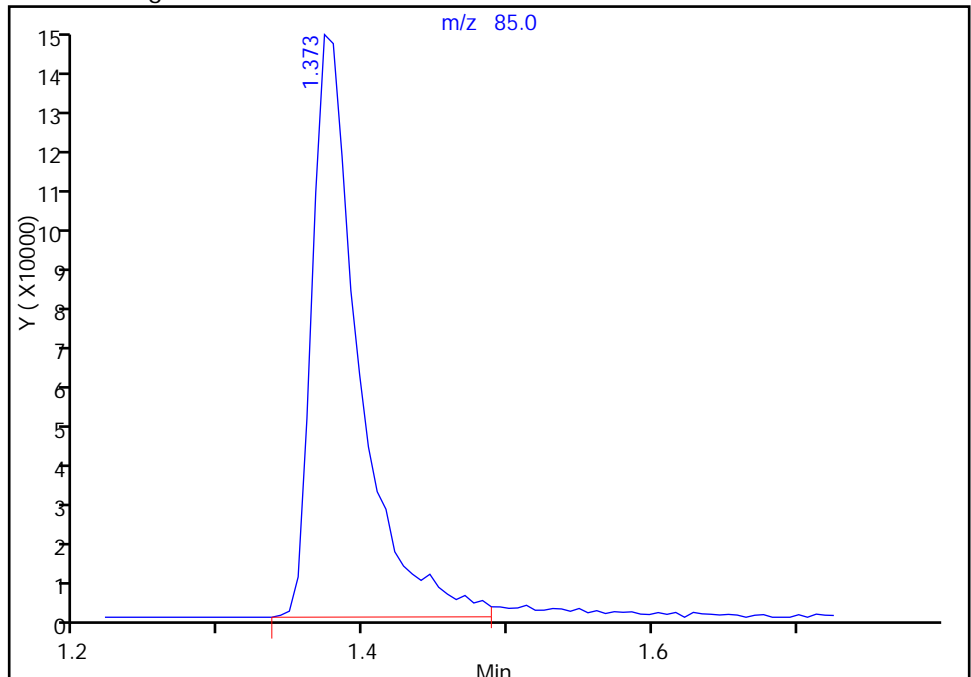
RT: 1.37
Area: 317691
Amount: 50.165780
Amount Units: ug/L

Processing Integration Results



RT: 1.37
Area: 320184
Amount: 49.084897
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:29:31
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0854.D
 Lims ID: IC 7
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 26-Nov-2016 21:59:30 ALS Bottle#: 39 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ic 7
 Misc. Info.: 480-0058663-012
 Operator ID: GTG Instrument ID: HP5973N
 Sublist: chrom-N-8260*sub38
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 08-Dec-2016 13:45:35 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK055

First Level Reviewer: archern

Date: 27-Nov-2016 18:30:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	145239	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	509841	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	92	263083	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	93	171067	25.0	23.5	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.242	-0.006	0	185676	25.0	23.4	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	661321	25.0	25.4	
\$ 7 4-Bromofluorobenzene (Surr	174	9.774	9.774	0.000	96	217286	25.0	24.6	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	99	653455	100.0	93.4	
13 Chloromethane	50	1.531	1.531	0.000	99	999640	100.0	80.5	
14 Vinyl chloride	62	1.641	1.641	0.001	98	878889	100.0	88.6	
144 Butadiene	54	1.659	1.659	0.000	87	1015848	100.0	80.3	
15 Bromomethane	94	1.939	1.933	0.006	89	427430	100.0	97.1	
16 Chloroethane	64	2.042	2.042	0.000	100	482053	100.0	86.6	
17 Dichlorofluoromethane	67	2.267	2.261	0.006	97	1089223	100.0	85.6	
18 Trichlorofluoromethane	101	2.285	2.285	0.000	96	882439	100.0	93.5	
19 Ethyl ether	59	2.559	2.559	0.000	94	755131	100.0	92.4	
20 Acrolein	56	2.711	2.717	-0.006	99	923719	500.0	442.3	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	97	704562	100.0	85.7	
21 1,1,2-Trichloro-1,2,2-trif	101	2.784	2.784	0.000	90	712257	100.0	91.2	
23 Acetone	43	2.869	2.869	0.000	99	1250540	500.0	425.9	
24 Iodomethane	142	2.924	2.924	0.000	96	1293783	100.0	88.8	
25 Carbon disulfide	76	2.973	2.973	0.000	99	2317073	100.0	86.6	
27 3-Chloro-1-propene	41	3.137	3.137	0.000	94	1325392	100.0	87.6	
28 Methyl acetate	43	3.174	3.174	0.000	98	3377042	500.0	406.6	
30 Methylene Chloride	84	3.271	3.271	0.000	98	790125	100.0	83.9	
31 2-Methyl-2-propanol	59	3.423	3.429	-0.006	100	1083861	1000.0	864.5	
32 Methyl tert-butyl ether	73	3.502	3.502	0.000	97	2277176	100.0	86.5	
33 trans-1,2-Dichloroethene	96	3.508	3.514	-0.006	98	750799	100.0	84.9	
34 Acrylonitrile	53	3.533	3.532	0.001	99	3611911	1000.0	827.7	
35 Hexane	57	3.733	3.733	0.000	91	1274894	100.0	85.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.922	3.922	0.000	96	1420450	100.0	87.4	
39 Vinyl acetate	43	3.971	3.971	0.000	97	3592877	200.0	170.9	
42 2,2-Dichloropropane	77	4.445	4.451	-0.006	89	677863	100.0	77.1	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	80	813757	100.0	85.3	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	100	2057792	500.0	442.0	
47 Chlorobromomethane	128	4.701	4.701	0.000	97	421453	100.0	89.2	
49 Tetrahydrofuran	42	4.725	4.731	-0.006	91	641633	200.0	179.1	
50 Chloroform	83	4.780	4.780	0.000	94	1188844	100.0	87.1	
51 1,1,1-Trichloroethane	97	4.907	4.913	-0.006	99	963455	100.0	88.2	M
52 Cyclohexane	56	4.938	4.932	0.006	92	1481917	100.0	87.8	
53 Carbon tetrachloride	117	5.053	5.059	-0.006	96	898710	100.0	90.4	
54 1,1-Dichloropropene	75	5.060	5.059	0.001	94	971178	100.0	90.9	
56 Isobutyl alcohol	43	5.242	5.242	0.000	95	1145560	2500.0	2068.7	
55 Benzene	78	5.260	5.260	0.000	98	2798441	100.0	83.6	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	97	975421	100.0	91.4	
59 n-Heptane	43	5.467	5.467	0.000	93	1183434	100.0	82.3	
60 Trichloroethene	95	5.875	5.875	0.000	94	720555	100.0	89.0	
62 Methylcyclohexane	83	6.015	6.015	0.000	92	1292981	100.0	87.7	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	98	776721	100.0	90.5	
64 Dibromomethane	93	6.228	6.234	-0.006	94	433322	100.0	91.1	
66 1,4-Dioxane	88	6.240	6.246	-0.006	96	149236	2000.0	1805.7	
67 Dichlorobromomethane	83	6.386	6.386	0.000	98	894837	100.0	91.4	
69 2-Chloroethyl vinyl ether	63	6.666	6.666	0.000	92	550199	100.0	98.8	
71 cis-1,3-Dichloropropene	75	6.806	6.805	0.001	96	1176218	100.0	93.4	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	94	1747672	500.0	449.5	
73 Toluene	92	7.110	7.110	0.000	98	1765642	100.0	91.7	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	93	1040376	100.0	100.2	
77 Ethyl methacrylate	69	7.426	7.426	0.000	93	901013	100.0	91.4	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	91	514702	100.0	91.0	
79 Tetrachloroethene	166	7.651	7.651	0.000	97	808851	100.0	93.6	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	93	1061718	100.0	93.6	
82 2-Hexanone	43	7.785	7.785	0.000	93	2705142	500.0	425.1	
83 Chlorodibromomethane	129	7.955	7.955	0.000	91	724086	100.0	101.5	
84 Ethylene Dibromide	107	8.065	8.065	0.000	99	675903	100.0	97.3	
85 Chlorobenzene	112	8.552	8.551	0.001	95	1965236	100.0	91.1	
89 1,1,1,2-Tetrachloroethane	131	8.649	8.649	0.000	97	721400	100.0	94.8	
88 Ethylbenzene	91	8.655	8.655	0.000	98	2936532	100.0	86.1	
90 m-Xylene & p-Xylene	106	8.777	8.777	0.000	0	1308971	100.0	93.1	
91 o-Xylene	106	9.202	9.202	0.000	94	1320015	100.0	94.4	
92 Styrene	104	9.227	9.227	0.000	95	2142226	100.0	92.5	
93 Bromoform	173	9.458	9.458	0.000	98	486038	100.0	103.2	
95 Isopropylbenzene	105	9.586	9.586	0.000	95	3067585	100.0	89.5	
97 Bromobenzene	156	9.920	9.920	0.000	90	901123	100.0	98.9	
98 1,1,2,2-Tetrachloroethane	83	9.957	9.951	0.006	94	832153	100.0	98.5	
99 1,2,3-Trichloropropane	110	9.987	9.987	0.000	86	254981	100.0	101.4	
101 trans-1,4-Dichloro-2-buten	53	10.005	10.005	0.000	81	267403	100.0	126.2	
100 N-Propylbenzene	91	10.012	10.012	0.000	98	3364200	100.0	87.9	
102 2-Chlorotoluene	126	10.109	10.109	0.000	98	793108	100.0	97.2	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	95	2541139	100.0	89.0	
105 4-Chlorotoluene	91	10.218	10.218	0.000	96	2406571	100.0	91.7	
106 tert-Butylbenzene	134	10.504	10.504	0.000	92	628963	100.0	93.3	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	96	2603921	100.0	90.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.717	10.717	0.000	94	3187486	100.0	88.5	
110 1,3-Dichlorobenzene	146	10.845	10.839	0.006	98	1601809	100.0	92.1	
111 4-Isopropyltoluene	119	10.857	10.857	0.000	96	2763464	100.0	88.5	
113 1,4-Dichlorobenzene	146	10.930	10.930	0.000	95	1645495	100.0	93.9	
115 n-Butylbenzene	91	11.240	11.240	0.000	95	2361226	100.0	88.1	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	1552333	100.0	93.8	
117 1,2-Dibromo-3-Chloropropan	75	11.995	11.989	0.006	90	153144	100.0	114.5	
119 1,2,4-Trichlorobenzene	180	12.688	12.682	0.006	95	1117989	100.0	98.5	
120 Hexachlorobutadiene	225	12.810	12.810	0.000	97	462922	100.0	92.8	
121 Naphthalene	128	12.895	12.895	0.000	97	2729094	100.0	97.7	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	96	1038536	100.0	100.5	
S 125 Total BTEX	1				0			448.8	
S 126 Xylenes, Total	1				0			187.5	
S 123 1,3-Dichloropropene, Total	1				0			193.7	
S 124 1,2-Dichloroethene, Total	1				0			170.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00086

Amount Added: 50.00

Units: uL

GAS CORP mix_00192

Amount Added: 50.00

Units: uL

N_8260_Surr_00219

Amount Added: 1.00

Units: uL

Run Reagent

N 8260 IS_00043

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0854.D

Injection Date: 26-Nov-2016 21:59:30

Instrument ID: HP5973N

Operator ID: GTG

Lims ID: IC 7

Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL

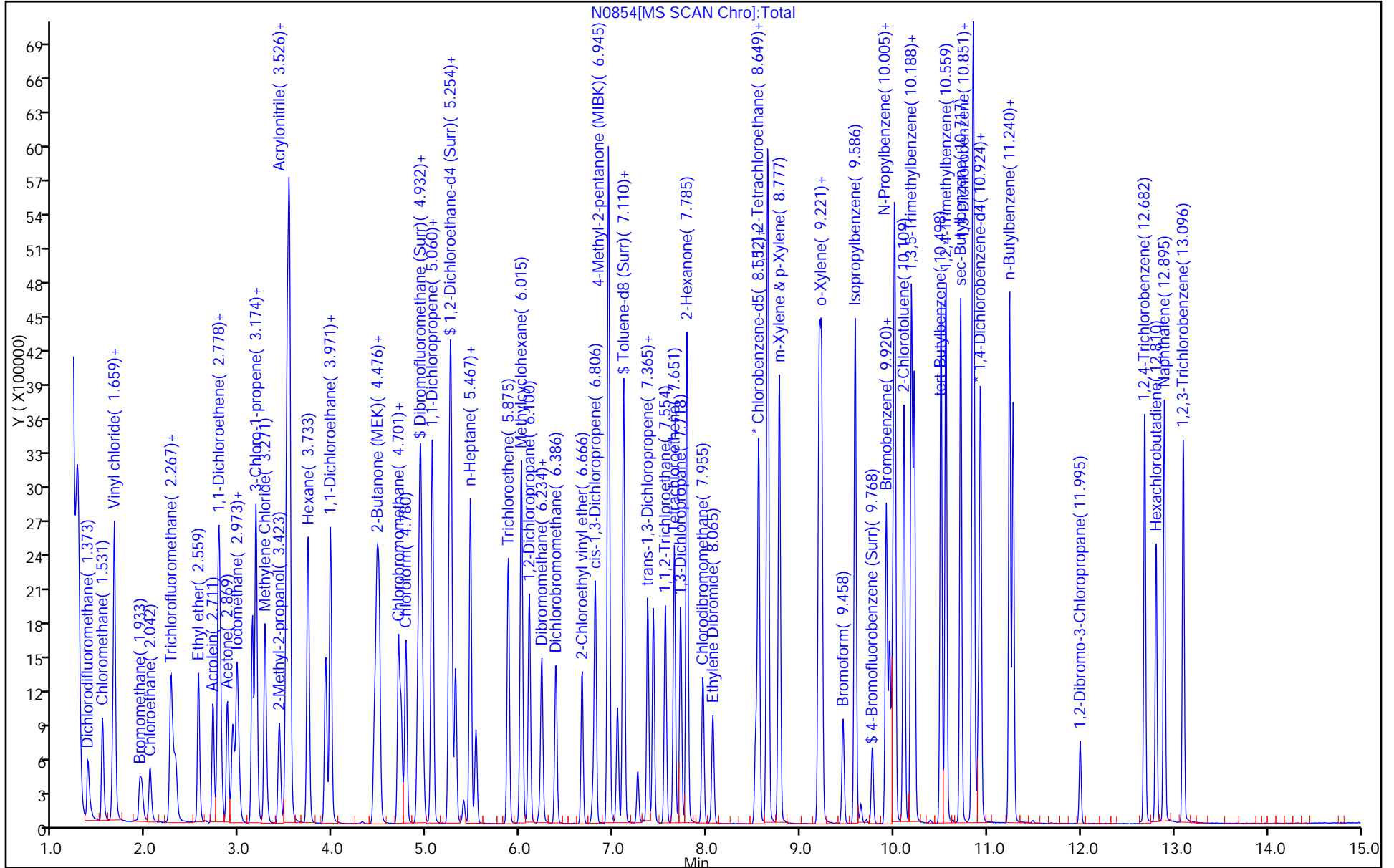
Dil. Factor: 1.0000

ALS Bottle#: 39

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

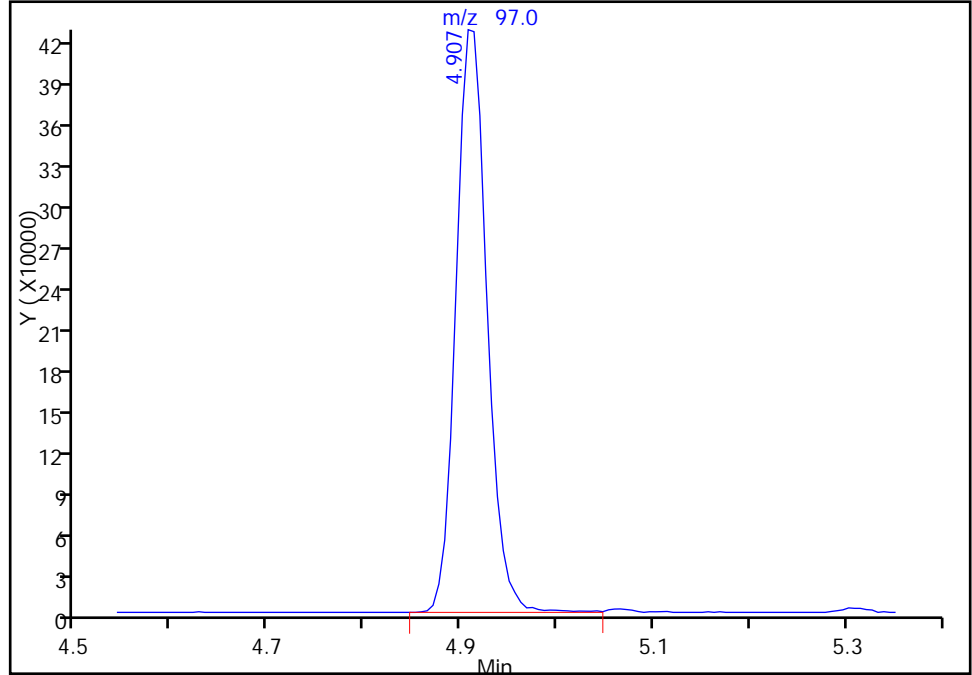
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0854.D
Injection Date: 26-Nov-2016 21:59:30 Instrument ID: HP5973N
Lims ID: IC 7
Client ID:
Operator ID: GTG ALS Bottle#: 39 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

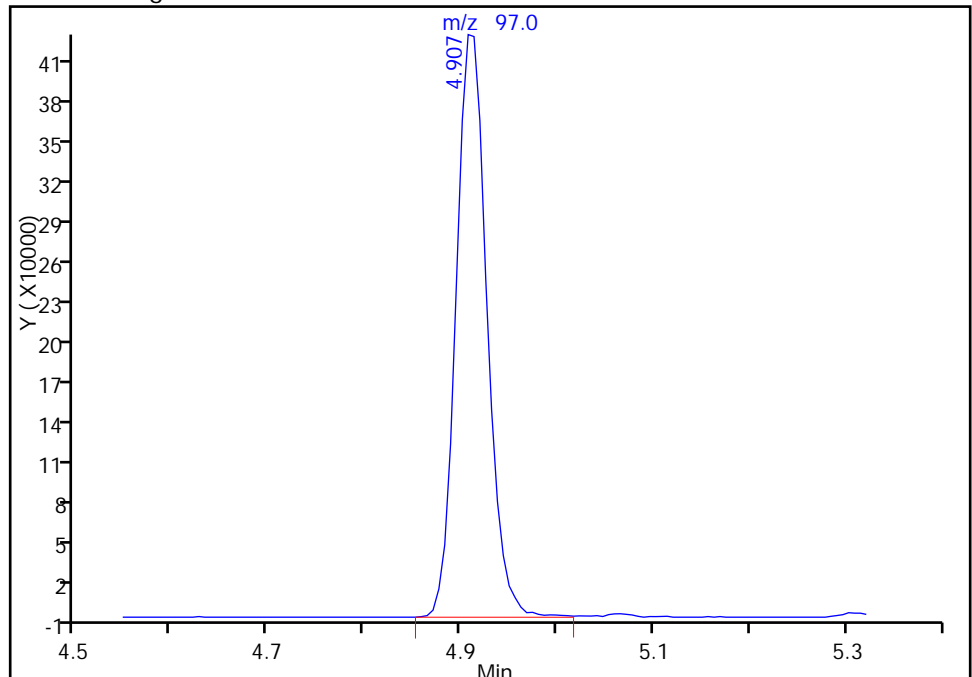
RT: 4.91
Area: 964697
Amount: 90.358918
Amount Units: ug/L

Processing Integration Results



RT: 4.91
Area: 963455
Amount: 88.152423
Amount Units: ug/L

Manual Integration Results



Reviewer: archern, 27-Nov-2016 18:31:49
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 338212

SDG No.: _____

Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2016 12:43 Calibration End Date: 12/28/2016 15:26 Calibration ID: 29248

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-338212/5	P21659.D
Level 2	IC 480-338212/6	P21660.D
Level 3	IC 480-338212/7	P21661.D
Level 4	IC 480-338212/8	P21662.D
Level 5	ICIS 480-338212/9	P21663.D
Level 6	IC 480-338212/10	P21664.D
Level 7	IC 480-338212/11	P21665.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Dichlorodifluoromethane	++++ 1.5817	1.0185 1.6075	1.6878	1.6641	1.6457	Lin1	-0.373	1.6195			0.1000			0.9990		0.9900	
Chloromethane	++++ 1.5008	1.7753 1.4660	1.8044	1.6439	1.5970	Ave		1.6312			0.1000	8.5	20.0				
Vinyl chloride	1.1977 1.2386	1.1931 1.2097	1.3321	1.3313	1.2794	Ave		1.2546			0.1000	4.8	20.0				
Butadiene	1.2803 1.2488	1.4590 1.2479	1.3750	1.4508	1.3582	Ave		1.3457				6.7	20.0				
Bromomethane	0.9054 1.1944	0.9381 1.0422	0.9584	0.6783	1.2385	Ave		0.9936			0.1000	19.0	20.0				
Chloroethane	1.1577 1.1389	1.2393 1.1309	1.1963	0.9867	1.1704	Ave		1.1457			0.1000	6.9	20.0				
Dichlorofluoromethane	++++ 2.8520	2.6421 2.7735	2.9555	2.8254	2.9578	Ave		2.8344				4.2	20.0				
Trichlorofluoromethane	2.3262 2.5349	2.0942 2.5957	2.6041	2.5620	2.6392	Ave		2.4795			0.1000	8.0	20.0				
Ethyl ether	++++ 1.8619	1.8883 1.8922	1.9153	1.9977	1.9897	Ave		1.9242				2.9	20.0				
Acrolein	0.3699 0.3835	0.3559 0.3822	0.3720	0.3923	0.4106	Ave		0.3809				4.6	20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 1.6155	1.3907 1.6823	1.6867	1.7220	1.7216	Ave		1.6365			0.1000	7.7	20.0				
1,1-Dichloroethene	++++ 1.5615	1.4114 1.6253	1.6680	1.6389	1.6764	Ave		1.5969			0.1000	6.2	20.0				
Acetone	0.7813 0.7475	0.7553 0.7388	0.7675	0.7908	0.8021	Ave		0.7691			0.1000	3.0	20.0				
Iodomethane	++++ 3.4942	3.2146 3.5590	3.6008	3.6033	3.6711	Ave		3.5238				4.6	20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 338212

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2016 12:43

Calibration End Date: 12/28/2016 15:26

Calibration ID: 29248

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Carbon disulfide	4.9704 4.8204	4.3809 4.7769	5.2241	5.2446	5.0135	Ave		4.9187			0.1000	6.0	20.0				
Methyl acetate	2.1765 2.1248	2.3399 1.9221	2.4073	2.3915	2.4220	Ave		2.2549			0.1000	8.3	20.0				
Allyl chloride	3.5910 3.3845	3.2851 3.2456	3.8280	3.8359	3.7777	Ave		3.5640				7.3	20.0				
Methylene Chloride	++++ 1.7524	2.1211 1.7557	1.9609	1.9097	1.8710	Ave		1.8951			0.1000	7.3	20.0				
2-Methyl-2-propanol	++++ 0.3535	0.3134 0.3600	0.3343	0.3445	0.3768	Ave		0.3471				6.3	20.0				
Methyl tert-butyl ether	++++ 4.9875	4.7566 4.9509	5.0544	5.2003	5.2649	Ave		5.0357			0.1000	3.6	20.0				
Acrylonitrile	1.2473 1.1013	1.2517 0.9757	1.2926	1.2999	1.2642	Ave		1.2047				10.0	20.0				
trans-1,2-Dichloroethene	1.8227 1.6638	1.6027 1.6644	1.9409	1.8694	1.8332	Ave		1.7710			0.1000	7.2	20.0				
Hexane	++++ 2.5611	2.5561 2.6953	2.8358	2.8519	2.7729	Ave		2.7122				4.8	20.0				
Vinyl acetate	++++ 5.1898	4.5846 4.8787	5.3195	5.5968	5.6773	Ave		5.2078				8.1	20.0				
1,1-Dichloroethane	++++ 3.2126	3.0846 3.2498	3.4983	3.5688	3.5020	Ave		3.3527			0.2000	5.8	20.0				
2-Butanone (MEK)	1.4539 1.4192	1.4160 1.3489	1.4657	1.4949	1.5504	Ave		1.4498			0.1000	4.4	20.0				
cis-1,2-Dichloroethene	++++ 1.9525	1.8555 1.9787	2.0659	2.1439	2.0989	Ave		2.0159			0.1000	5.3	20.0				
2,2-Dichloropropane	++++ 2.1761	1.8113 2.2208	2.3185	2.2752	2.2915	Ave		2.1822				8.7	20.0				
Chlorobromomethane	++++ 1.0719	0.9374 1.1056	1.0698	1.1300	1.1368	Ave		1.0753				6.8	20.0				
Tetrahydrofuran	++++ 0.9747	1.0918 0.8901	1.0579	1.0709	1.0702	Ave		1.0260				7.6	20.0				
Chloroform	3.1073 2.8645	3.0904 2.8872	3.1379	3.1013	3.1073	Ave		3.0422			0.2000	3.8	20.0				
1,1,1-Trichloroethane	++++ 2.5983	2.2515 2.7285	2.6748	2.7073	2.7226	Ave		2.6138			0.1000	7.0	20.0				
Cyclohexane	++++ 3.8859	3.2285 3.9565	4.0767	3.9109	4.2060	Ave		3.8774			0.1000	8.8	20.0				
Isobutyl alcohol	0.1408 0.1702	0.1192 0.1553	0.1512	0.1728	0.1812	Ave		0.1558				13.7	20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 338212

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2016 12:43

Calibration End Date: 12/28/2016 15:26

Calibration ID: 29248

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,1-Dichloropropene	++++ 1.9338	1.7800 1.9335	2.1249	2.1355	2.1279	Ave		2.0059			7.3		20.0				
Carbon tetrachloride	++++ 2.2633	1.7779 2.3791	2.2499	2.2905	2.3420	Ave		2.2171		0.1000	10.0		20.0				
Benzene	5.6242 5.7746	5.6546 5.6057	6.3574	6.4086	6.2511	Ave		5.9537		0.5000	6.2		20.0				
1,2-Dichloroethane	2.8773 2.6623	2.7937 2.5704	2.9153	2.9250	2.8650	Ave		2.8013		0.1000	4.9		20.0				
n-Heptane	++++ 2.2700	3.0837 2.2400	2.8363	2.7872	2.5163	Ave		2.6223			12.8		20.0				
Trichloroethene	++++ 1.7707	1.6051 1.8309	1.8552	1.8492	1.8692	Ave		1.7967		0.2000	5.6		20.0				
Methylcyclohexane	++++ 2.5424	2.1837 2.7051	2.7474	2.6791	2.7258	Ave		2.5973		0.1000	8.3		20.0				
1,2-Dichloropropane	++++ 1.8932	1.6522 1.8878	1.9287	1.9572	2.0221	Ave		1.8902		0.1000	6.7		20.0				
1,4-Dioxane	++++ 0.0109	0.0084 0.0101	0.0089	0.0112	0.0112	Ave		0.0101			12.2		20.0				
Dibromomethane	++++ 1.1479	1.0519 1.1384	1.1463	1.1716	1.1951	Ave		1.1419		0.1000	4.3		20.0				
Bromodichloromethane	++++ 2.1369	1.6180 2.2320	1.9628	2.0998	2.1729	Ave		2.0371		0.2000	11.0		20.0				
2-Chloroethyl vinyl ether	++++ 1.4989	1.1999 1.4954	1.4103	1.4716	1.5307	Ave		1.4345			8.5		20.0				
cis-1,3-Dichloropropene	2.2423 2.6410	1.9178 2.6550	2.4450	2.5306	2.6771	Ave		2.4441		0.2000	11.4		20.0				
4-Methyl-2-pentanone (MIBK)	1.3770 1.2879	1.3419 1.0459	1.4728	1.4720	1.4704	Ave		1.3526		0.1000	11.4		20.0				
Toluene	1.7692 1.8030	1.7634 1.7163	1.9088	1.8847	1.8749	Ave		1.8172		0.4000	4.0		20.0				
Ethyl methacrylate	++++ 1.1014	0.8006 1.0159	0.9745	1.0140	1.1257	Ave		1.0053			11.5		20.0				
trans-1,3-Dichloropropene	++++ 1.1380	0.8590 1.0683	1.0527	1.0840	1.1701	Ave		1.0620		0.1000	10.3		20.0				
1,1,2-Trichloroethane	++++ 0.6333	0.6227 0.6075	0.6325	0.6483	0.6531	Ave		0.6329		0.1000	2.6		20.0				
Tetrachloroethene	0.9143 0.9285	0.8409 0.8688	0.9836	0.9736	0.9631	Ave		0.9247		0.2000	5.9		20.0				
2-Hexanone	0.9361 0.8842	0.8874 0.6749	1.0105	1.0289	1.0169	Ave		0.9199		0.1000	13.5		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 338212
 SDG No.: _____
 Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 12/28/2016 12:43 Calibration End Date: 12/28/2016 15:26 Calibration ID: 29248

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,3-Dichloropropane	1.2134 1.1171	1.1912 0.9697	1.2509	1.2449	1.2199	Ave		1.1724			8.5		20.0				
Dibromochloromethane	++++ 0.9661	0.6143 0.9698	0.7604	0.8117	0.9386	Ave		0.8435		0.1000	16.8		20.0				
1,2-Dibromoethane	0.8598 0.9247	0.8157 0.8761	0.8905	0.8994	0.9218	Ave		0.8840			4.3		20.0				
Chlorobenzene	2.3041 2.3587	2.1641 2.2408	2.4104	2.4051	2.4373	Ave		2.3315		0.5000	4.3		20.0				
Ethylbenzene	3.1085 3.2782	3.0370 2.9888	3.5400	3.4832	3.4943	Ave		3.2757		0.1000	7.1		20.0				
1,1,1,2-Tetrachloroethane	++++ 0.9049	0.7104 0.8435	0.8367	0.9009	0.9313	Ave		0.8546			9.3		20.0				
m,p-Xylene	1.3480 1.4796	1.2992 1.3876	1.5382	1.5331	1.5384	Ave		1.4463		0.1000	6.9		20.0				
o-Xylene	++++ 1.4914	1.2767 1.3799	1.5267	1.5308	1.5705	Ave		1.4626		0.3000	7.7		20.0				
Styrene	++++ 2.3266	1.9957 2.1040	2.3880	2.3851	2.4388	Ave		2.2730		0.3000	7.9		20.0				
Bromoform	++++ 0.8120	0.4692 0.8271	0.5706	0.6341	0.7666	Lin1	-0.592	0.8151		0.1000				0.9970		0.9900	
Isopropylbenzene	2.5439 2.7821	2.3998 2.7880	2.8306	2.8078	2.8281	Ave		2.7115		0.1000	6.3		20.0				
1,1,2,2-Tetrachloroethane	0.9024 0.9348	0.8536 0.9575	0.8884	0.8965	0.9448	Ave		0.9111		0.3000	4.0		20.0				
trans-1,4-Dichloro-2-butene	++++ 0.3660	0.2814 0.3580	0.3126	0.3334	0.3605	Ave		0.3353			9.9		20.0				
1,2,3-Trichloropropane	++++ 0.2822	0.2718 0.2651	0.2878	0.3001	0.2940	Ave		0.2835			4.7		20.0				
Bromobenzene	0.9236 0.9133	0.8512 0.8852	0.9467	0.9470	0.9340	Ave		0.9144			3.8		20.0				
N-Propylbenzene	2.9374 2.9658	2.8903 2.8264	3.2357	3.1964	3.1371	Ave		3.0270			5.3		20.0				
2-Chlorotoluene	0.7556 0.7601	0.7377 0.7242	0.8012	0.8023	0.8074	Ave		0.7698			4.4		20.0				
1,3,5-Trimethylbenzene	2.1974 2.3028	2.0032 2.1961	2.4015	2.3949	2.3881	Ave		2.2692			6.5		20.0				
4-Chlorotoluene	++++ 0.8115	0.6936 0.8010	0.8331	0.8246	0.8321	Ave		0.7993			6.7		20.0				
tert-Butylbenzene	++++ 0.6136	0.4952 0.6214	0.6012	0.5937	0.6078	Ave		0.5888			8.0		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 338212
 SDG No.: _____
 Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 12/28/2016 12:43 Calibration End Date: 12/28/2016 15:26 Calibration ID: 29248

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,2,4-Trimethylbenzene	++++ 2.4908	2.1777 2.4316	2.5900	2.5399	2.5552	Ave		2.4642			6.1		20.0				
sec-Butylbenzene	++++ 2.9392	2.5684 2.9453	2.9636	2.9727	2.9781	Ave		2.8946			5.5		20.0				
4-Isopropyltoluene	++++ 2.8980	2.4712 2.8972	2.8992	2.9120	2.9544	Ave		2.8387			6.4		20.0				
1,3-Dichlorobenzene	++++ 1.6547	1.6506 1.6226	1.7153	1.6740	1.6931	Ave		1.6684		0.6000	2.0		20.0				
1,4-Dichlorobenzene	1.6703 1.6536	1.6634 1.6075	1.7102	1.6960	1.7044	Ave		1.6722		0.5000	2.1		20.0				
n-Butylbenzene	++++ 2.2084	1.8955 2.2241	2.2514	2.1992	2.2216	Ave		2.1667			6.2		20.0				
1,2-Dichlorobenzene	1.6661 1.6962	1.5830 1.6870	1.6878	1.6941	1.7233	Ave		1.6768		0.4000	2.7		20.0				
1,2-Dibromo-3-Chloropropane	++++ 0.2215	0.1795 0.2351	0.1813	0.1846	0.2100	Ave		0.2020		0.0500	11.7		20.0				
1,2,4-Trichlorobenzene	1.4454 1.4493	1.3290 1.4710	1.4110	1.3989	1.4345	Ave		1.4199		0.2000	3.3		20.0				
Hexachlorobutadiene	0.5183 0.5550	0.4973 0.5757	0.5516	0.5463	0.5547	Ave		0.5427			4.8		20.0				
Naphthalene	3.7204 4.0410	3.5357 3.9105	3.7612	3.8746	4.0780	Ave		3.8459			4.9		20.0				
1,2,3-Trichlorobenzene	1.3697 1.3746	1.2938 1.3656	1.3053	1.3386	1.3822	Ave		1.3471			2.6		20.0				
Dibromofluoromethane (Surr)	1.2921 1.3326	1.2943 1.3783	1.3434	1.3654	1.3574	Ave		1.3376			2.5		20.0				
1,2-Dichloroethane-d4 (Surr)	0.7690 0.7527	0.7516 0.7710	0.7764	0.7837	0.7611	Ave		0.7665			1.6		20.0				
Toluene-d8 (Surr)	2.1886 2.2004	2.1668 2.1936	2.1661	2.1614	2.1716	Ave		2.1784			0.7		20.0				
4-Bromofluorobenzene (Surr)	0.8671 0.9130	0.8632 0.9121	0.8912	0.8920	0.9020	Ave		0.8915			2.2		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 338212

SDG No.: _____

Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2016 12:43 Calibration End Date: 12/28/2016 15:26 Calibration ID: 29248

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-338212/5	P21659.D
Level 2	IC 480-338212/6	P21660.D
Level 3	IC 480-338212/7	P21661.D
Level 4	IC 480-338212/8	P21662.D
Level 5	ICIS 480-338212/9	P21663.D
Level 6	IC 480-338212/10	P21664.D
Level 7	IC 480-338212/11	P21665.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Lin1	++++ 437479	5664 876138	45824	90612	226070	++++ 50.0	1.00 100	5.00	10.0	25.0
Chloromethane	FB	Ave	++++ 415094	9873 799008	48988	89516	219375	++++ 50.0	1.00 100	5.00	10.0	25.0
Vinyl chloride	FB	Ave	3323 342571	6635 659341	36166	72494	175745	0.500 50.0	1.00 100	5.00	10.0	25.0
Butadiene	FB	Ave	3552 345388	8114 680133	37330	78998	186567	0.500 50.0	1.00 100	5.00	10.0	25.0
Bromomethane	FB	Ave	2512 330349	5217 568037	26021	36933	170133	0.500 50.0	1.00 100	5.00	10.0	25.0
Chloroethane	FB	Ave	3212 314996	6892 616366	32478	53729	160769	0.500 50.0	1.00 100	5.00	10.0	25.0
Dichlorofluoromethane	FB	Ave	++++ 788800	14693 1511672	80239	153850	406306	++++ 50.0	1.00 100	5.00	10.0	25.0
Trichlorofluoromethane	FB	Ave	6454 701098	11646 1414728	70699	139504	362543	0.500 50.0	1.00 100	5.00	10.0	25.0
Ethyl ether	FB	Ave	++++ 514968	10501 1031340	52000	108780	273313	++++ 50.0	1.00 100	5.00	10.0	25.0
Acrolein	FB	Ave	5131 530411	9895 1041580	50500	106805	282026	2.50 250	5.00 500	25.0	50.0	125
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 446807	7734 916935	45794	93765	236490	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1-Dichloroethene	FB	Ave	++++ 431868	7849 885859	45284	89244	230280	++++ 50.0	1.00 100	5.00	10.0	25.0
Acetone	FB	Ave	10839 1033775	21003 2013369	104183	215293	550933	2.50 250	5.00 500	25.0	50.0	125
Iodomethane	FB	Ave	++++ 966430	17877 1939759	97759	196207	504292	++++ 50.0	1.00 100	5.00	10.0	25.0
Carbon disulfide	FB	Ave	13790 1333226	24363 2603577	141832	285581	688685	0.500 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 338212

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2016 12:43

Calibration End Date: 12/28/2016 15:26

Calibration ID: 29248

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	30193 2938382	65063 5237966	326783	651111	1663514	2.50 250	5.00 500	25.0	50.0	125
Allyl chloride	FB	Ave	9963 936073	18269 1768961	103928	208872	518933	0.500 50.0	1.00 100	5.00	10.0	25.0
Methylene Chloride	FB	Ave	++++ 484671	11796 956920	53237	103986	257010	++++ 50.0	1.00 100	5.00	10.0	25.0
2-Methyl-2-propanol	FB	Ave	++++ 977753	17430 1962313	90754	187574	517658	++++ 500	10.0 1000	50.0	100	250
Methyl tert-butyl ether	FB	Ave	++++ 1379438	26452 2698393	137223	283169	723221	++++ 50.0	1.00 100	5.00	10.0	25.0
Acrylonitrile	FB	Ave	34605 3045846	69610 5318036	350936	707799	1736530	5.00 500	10.0 1000	50.0	100	250
trans-1,2-Dichloroethene	FB	Ave	5057 460184	8913 907171	52695	101790	251815	0.500 50.0	1.00 100	5.00	10.0	25.0
Hexane	FB	Ave	++++ 708345	14215 1469012	76991	155289	380899	++++ 50.0	1.00 100	5.00	10.0	25.0
Vinyl acetate	FB	Ave	++++ 2870787	50991 5318087	288840	609511	1559741	++++ 100	2.00 200	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 888548	17154 1771279	94978	194326	481058	++++ 50.0	1.00 100	5.00	10.0	25.0
2-Butanone (MEK)	FB	Ave	20169 1962552	39372 3675860	198959	407011	1064890	2.50 250	5.00 500	25.0	50.0	125
cis-1,2-Dichloroethene	FB	Ave	++++ 540020	10319 1078446	56088	116738	288316	++++ 50.0	1.00 100	5.00	10.0	25.0
2,2-Dichloropropane	FB	Ave	++++ 601861	10073 1210414	62945	123887	314780	++++ 50.0	1.00 100	5.00	10.0	25.0
Chlorobromomethane	FB	Ave	++++ 296477	5213 602614	29045	61532	156155	++++ 50.0	1.00 100	5.00	10.0	25.0
Tetrahydrofuran	FB	Ave	++++ 539189	12143 970232	57445	116630	294033	++++ 100	2.00 200	10.0	20.0	50.0
Chloroform	FB	Ave	8621 792252	17186 1573611	85191	168872	426840	0.500 50.0	1.00 100	5.00	10.0	25.0
1,1,1-Trichloroethane	FB	Ave	++++ 718650	12521 1487123	72619	147416	374001	++++ 50.0	1.00 100	5.00	10.0	25.0
Cyclohexane	FB	Ave	++++ 1074774	17954 2156435	110679	212957	577770	++++ 50.0	1.00 100	5.00	10.0	25.0
Isobutyl alcohol	FB	Ave	9767 1176853	16576 2115665	102636	235209	622321	12.5 1250	25.0 2500	125	250	625
1,1-Dichloropropene	FB	Ave	++++ 534837	9899 1053808	57689	116284	292302	++++ 50.0	1.00 100	5.00	10.0	25.0
Carbon tetrachloride	FB	Ave	++++ 625971	9887 1296692	61084	124721	321712	++++ 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 338212

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2016 12:43

Calibration End Date: 12/28/2016 15:26

Calibration ID: 29248

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzene	FB	Ave	15604 1597142	31446 3055295	172599	348961	858690	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichloroethane	FB	Ave	7983 736328	15536 1400976	79150	159274	393562	0.500 50.0	1.00 100	5.00	10.0	25.0
n-Heptane	FB	Ave	++++ 627839	17149 1220878	77005	151767	345659	++++ 50.0	1.00 100	5.00	10.0	25.0
Trichloroethene	FB	Ave	++++ 489752	8926 997914	50368	100695	256767	++++ 50.0	1.00 100	5.00	10.0	25.0
Methylcyclohexane	FB	Ave	++++ 703182	12144 1474373	74591	145882	374435	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichloropropane	FB	Ave	++++ 523632	9188 1028935	52362	106571	277767	++++ 50.0	1.00 100	5.00	10.0	25.0
1,4-Dioxane	CBNZ d5	Ave	++++ 129246	1973 247122	10509	26793	66663	++++ 1000	20.0 2000	100	200	500
Dibromomethane	FB	Ave	++++ 317498	5850 620449	31120	63794	164173	++++ 50.0	1.00 100	5.00	10.0	25.0
Bromodichloromethane	FB	Ave	++++ 591036	8998 1216518	53290	114339	298479	++++ 50.0	1.00 100	5.00	10.0	25.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 414553	6673 815045	38289	80129	210266	++++ 50.0	1.00 100	5.00	10.0	25.0
cis-1,3-Dichloropropene	FB	Ave	6221 730461	10665 1447083	66380	137794	367750	0.500 50.0	1.00 100	5.00	10.0	25.0
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	40161 3802926	79201 6393213	433396	878568	2187543	2.50 250	5.00 500	25.0	50.0	125
Toluene	CBNZ d5	Ave	10320 1064752	20816 2098199	112337	224980	557861	0.500 50.0	1.00 100	5.00	10.0	25.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 650434	9451 1241866	57350	121039	334937	++++ 50.0	1.00 100	5.00	10.0	25.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 672039	10140 1305937	61952	129393	348148	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 373977	7351 742700	37226	77384	194312	++++ 50.0	1.00 100	5.00	10.0	25.0
Tetrachloroethene	CBNZ d5	Ave	5333 548361	9926 1062041	57885	116223	286550	0.500 50.0	1.00 100	5.00	10.0	25.0
2-Hexanone	CBNZ d5	Ave	27303 2610823	52377 4125496	297346	614101	1512841	2.50 250	5.00 500	25.0	50.0	125
1,3-Dichloropropane	CBNZ d5	Ave	7078 659694	14061 1185493	73615	148609	362955	0.500 50.0	1.00 100	5.00	10.0	25.0
Dibromochloromethane	CBNZ d5	Ave	++++ 570555	7251 1185588	44753	96888	279264	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dibromoethane	CBNZ d5	Ave	5015 546095	9629 1070965	52407	107363	274273	0.500 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 338212

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2016 12:43

Calibration End Date: 12/28/2016 15:26

Calibration ID: 29248

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBNZ d5	Ave	13440 1392920	25545 2739341	141854	287104	725195	0.500 50.0	1.00 100	5.00	10.0	25.0
Ethylbenzene	CBNZ d5	Ave	18132 1935964	35849 3653774	208337	415792	1039691	0.500 50.0	1.00 100	5.00	10.0	25.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 534395	8386 1031167	49244	107541	277089	++++ 50.0	1.00 100	5.00	10.0	25.0
m,p-Xylene	CBNZ d5	Ave	7863 873791	15336 1696383	90524	183003	457725	0.500 50.0	1.00 100	5.00	10.0	25.0
o-Xylene	CBNZ d5	Ave	++++ 880731	15070 1686880	89847	182728	467287	++++ 50.0	1.00 100	5.00	10.0	25.0
Styrene	CBNZ d5	Ave	++++ 1374006	23558 2572119	140537	284716	725641	++++ 50.0	1.00 100	5.00	10.0	25.0
Bromoform	CBNZ d5	Lin1	++++ 479542	5538 1011093	33580	75699	228098	++++ 50.0	1.00 100	5.00	10.0	25.0
Isopropylbenzene	DCBd 4	Ave	19217 2090965	36267 4072586	217526	436766	1099643	0.500 50.0	1.00 100	5.00	10.0	25.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	6817 702559	12900 1398612	68269	139454	367376	0.500 50.0	1.00 100	5.00	10.0	25.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 275088	4252 522927	24025	51869	140185	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 212057	4107 387258	22117	46682	114323	++++ 50.0	1.00 100	5.00	10.0	25.0
Bromobenzene	DCBd 4	Ave	6977 686428	12864 1293035	72752	147306	363171	0.500 50.0	1.00 100	5.00	10.0	25.0
N-Propylbenzene	DCBd 4	Ave	22190 2228985	43680 4128756	248657	497213	1219788	0.500 50.0	1.00 100	5.00	10.0	25.0
2-Chlorotoluene	DCBd 4	Ave	5708 571246	11148 1057879	61567	124808	313945	0.500 50.0	1.00 100	5.00	10.0	25.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	16600 1730754	30273 3208030	184552	372532	928573	0.500 50.0	1.00 100	5.00	10.0	25.0
4-Chlorotoluene	DCBd 4	Ave	++++ 609924	10482 1170136	64025	128267	323538	++++ 50.0	1.00 100	5.00	10.0	25.0
tert-Butylbenzene	DCBd 4	Ave	++++ 461177	7483 907680	46202	92357	236344	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 1871998	32910 3551938	199039	395095	993521	++++ 50.0	1.00 100	5.00	10.0	25.0
sec-Butylbenzene	DCBd 4	Ave	++++ 2209037	38814 4302430	227750	462421	1157977	++++ 50.0	1.00 100	5.00	10.0	25.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2178041	37346 4232077	222802	452977	1148741	++++ 50.0	1.00 100	5.00	10.0	25.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1243628	24944 2370258	131815	260398	658311	++++ 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 338212

SDG No.: _____

Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2016 12:43 Calibration End Date: 12/28/2016 15:26 Calibration ID: 29248

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCBd 4	Ave	12618 1242816	25138 2348121	131422	263825	662720	0.500 50.0	1.00 100	5.00	10.0	25.0
n-Butylbenzene	DCBd 4	Ave	++++ 1659760	28646 3248847	173013	342093	863826	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichlorobenzene	DCBd 4	Ave	12586 1274790	23923 2464293	129702	263526	670071	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 166503	2713 343365	13932	28722	81663	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	10919 1089225	20085 2148780	108435	217597	557788	0.500 50.0	1.00 100	5.00	10.0	25.0
Hexachlorobutadiene	DCBd 4	Ave	3915 417124	7515 841030	42390	84979	215684	0.500 50.0	1.00 100	5.00	10.0	25.0
Naphthalene	DCBd 4	Ave	28105 3037106	53433 5712260	289043	602703	1585655	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	10347 1033110	19553 1994768	100309	208222	537439	0.500 50.0	1.00 100	5.00	10.0	25.0
Dibromofluoromethane (Surr)	FB	Ave	179239 184280	179948 187811	182361	185877	186466	25.0 25.0	25.0 25.0	25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	106675 104089	104496 105060	105389	106680	104555	25.0 25.0	25.0 25.0	25.0	25.0	25.0
Toluene-d8 (Surr)	CBNZ d5	Ave	638316 649745	639421 670400	637404	645025	646148	25.0 25.0	25.0 25.0	25.0	25.0	25.0
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	252879 269599	254736 278753	262250	266205	268395	25.0 25.0	25.0 25.0	25.0	25.0	25.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21659.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 28-Dec-2016 12:43:30 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC
 Misc. Info.: 480-0059466-005
 Operator ID: RF Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 29-Dec-2016 08:59:25 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK031

First Level Reviewer: youngmans Date: 28-Dec-2016 17:48:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.809	9.815	-0.006	99	138722	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	86	291653	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.744	16.744	0.000	93	377712	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.000	9.006	-0.006	94	179239	25.0	24.1	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.438	9.450	-0.012	0	106675	25.0	25.1	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.798	-0.006	93	638316	25.0	25.1	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	252879	25.0	24.3	
10 Dichlorodifluoromethane	85		3.993				ND	ND	
11 Chloromethane	50	4.267	4.291	-0.024	54	5473	0.5000	0.6046	
17 Vinyl chloride	62	4.498	4.516	-0.018	22	3323	0.5000	0.4773	
144 Butadiene	54	4.529	4.547	-0.018	76	3552	0.5000	0.4757	
12 Bromomethane	94	5.052	5.070	-0.018	68	2512	0.5000	0.4556	
13 Chloroethane	64	5.186	5.204	-0.018	87	3212	0.5000	0.5052	
19 Dichlorofluoromethane	67	5.472	5.490	-0.018	93	8727	0.5000	0.5549	
14 Trichlorofluoromethane	101	5.593	5.599	-0.006	17	6454	0.5000	0.4691	
20 Ethyl ether	59	5.897	5.897	0.000	92	4621	0.5000	0.4328	
22 Acrolein	56	6.135	6.147	-0.012	91	5131	2.50	2.43	
16 1,1,2-Trichloro-1,2,2-trif	101	6.232	6.244	-0.012	36	3939	0.5000	0.4338	
25 1,1-Dichloroethene	96	6.281	6.287	-0.006	92	3991	0.5000	0.4504	
24 Acetone	43	6.317	6.323	-0.006	99	10839	2.50	2.54	
18 Iodomethane	142	6.548	6.554	-0.006	96	8281	0.5000	0.4235	
27 Carbon disulfide	76	6.664	6.670	-0.006	79	13790	0.5000	0.5053	
30 Methyl acetate	43	6.694	6.700	-0.006	99	30193	2.50	2.41	
28 3-Chloro-1-propene	41	6.725	6.737	-0.012	93	9963	0.5000	0.5038	
31 Methylene Chloride	84	6.901	6.907	-0.006	95	7193	0.5000	0.6840	
33 2-Methyl-2-propanol	59	6.913	6.932	-0.019	91	8902	5.00	4.62	
32 Methyl tert-butyl ether	73	7.163	7.163	0.000	86	12053	0.5000	0.4313	
34 Acrylonitrile	53	7.193	7.199	-0.006	99	34605	5.00	5.18	
35 trans-1,2-Dichloroethene	96	7.218	7.230	-0.012	96	5057	0.5000	0.5146	
36 Hexane	57	7.461	7.467	-0.006	91	6614	0.5000	0.4395	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.704	7.698	0.006	97	25230	1.00	0.8731	
40 1,1-Dichloroethane	63	7.741	7.753	-0.012	92	8196	0.5000	0.4406	
44 2-Butanone (MEK)	43	8.398	8.398	0.000	98	20169	2.50	2.51	
43 cis-1,2-Dichloroethene	96	8.446	8.452	-0.006	83	4877	0.5000	0.4360	
45 2,2-Dichloropropane	77	8.440	8.459	-0.019	53	5036	0.5000	0.4159	
50 Chlorobromomethane	128	8.757	8.769	-0.012	88	2673	0.5000	0.4480	
51 Tetrahydrofuran	42	8.793	8.793	0.000	82	6317	1.00	1.11	
49 Chloroform	83	8.799	8.805	-0.006	93	8621	0.5000	0.5107	
52 1,1,1-Trichloroethane	97	9.061	9.067	-0.006	45	5635	0.5000	0.3885	
54 Cyclohexane	56	9.116	9.134	-0.018	52	8887	0.5000	0.4131	
53 Isobutyl alcohol	43	9.207	9.213	-0.006	84	9767	12.5	11.3	
56 1,1-Dichloropropene	75	9.237	9.243	-0.006	79	4900	0.5000	0.4402	
55 Carbon tetrachloride	117	9.262	9.274	-0.012	86	4488	0.5000	0.3648	
57 Benzene	78	9.511	9.517	-0.006	92	15604	0.5000	0.4723	
60 1,2-Dichloroethane	62	9.529	9.541	-0.012	65	7983	0.5000	0.5136	
59 n-Heptane	43	9.627	9.645	-0.018	91	10653	0.5000	0.7321	
62 Trichloroethene	95	10.265	10.271	-0.006	94	4384	0.5000	0.4397	
64 Methylcyclohexane	83	10.509	10.509	0.000	44	6070	0.5000	0.4212	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	90	4755	0.5000	0.4534	
68 1,4-Dioxane	88		10.697				ND	ND	
69 Dibromomethane	93	10.758	10.770	-0.012	89	2795	0.5000	0.4411	
70 Dichlorobromomethane	83	10.904	10.910	-0.006	93	4885	0.5000	0.4322	
71 2-Chloroethyl vinyl ether	63	11.178	11.172	0.006	1	2929	0.5000	0.3680	
73 cis-1,3-Dichloropropene	75	11.433	11.446	-0.013	93	6221	0.5000	0.4587	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.555	0.000	98	40161	2.50	2.55	
76 Toluene	92	11.878	11.884	-0.006	97	10320	0.5000	0.4868	
77 Ethyl methacrylate	69	12.121	12.115	0.006	19	4341	0.5000	0.3701	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	86	4734	0.5000	0.3821	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	87	3931	0.5000	0.5324	
80 Tetrachloroethene	166	12.638	12.632	0.006	39	5333	0.5000	0.4944	
83 2-Hexanone	43	12.644	12.638	0.006	97	27303	2.50	2.54	
82 1,3-Dichloropropane	76	12.668	12.668	0.000	44	7078	0.5000	0.5175	
81 Chlorodibromomethane	129	13.003	13.009	-0.006	92	3495	0.5000	0.3552	
85 Ethylene Dibromide	107	13.210	13.210	0.000	93	5015	0.5000	0.4863	
87 Chlorobenzene	112	13.794	13.800	-0.006	95	13440	0.5000	0.4941	
89 Ethylbenzene	91	13.861	13.867	-0.006	96	18132	0.5000	0.4745	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.885	-0.006	57	4126	0.5000	0.4138	
90 m-Xylene & p-Xylene	106	14.001	14.007	-0.006	0	7863	0.5000	0.4660	
93 o-Xylene	106	14.554	14.554	0.000	97	7750	0.5000	0.4542	
94 Styrene	104	14.585	14.573	0.012	81	11015	0.5000	0.4154	
92 Bromoform	173	14.925	14.925	0.000	78	2394	0.5000	0.9782	
95 Isopropylbenzene	105	14.998	14.998	0.000	96	19217	0.5000	0.4691	
97 1,1,2,2-Tetrachloroethane	83	15.418	15.424	-0.006	92	6817	0.5000	0.4952	
98 trans-1,4-Dichloro-2-buten	53	15.485	15.479	0.006	2	2121	0.5000	0.4186	
100 Bromobenzene	156	15.516	15.515	0.001	90	6977	0.5000	0.5050	
101 1,2,3-Trichloropropane	110	15.503	15.515	-0.012	65	1823	0.5000	0.4256	
99 N-Propylbenzene	91	15.528	15.528	0.000	98	22190	0.5000	0.4852	
103 2-Chlorotoluene	126	15.710	15.716	-0.006	92	5708	0.5000	0.4908	
102 1,3,5-Trimethylbenzene	105	15.722	15.728	-0.006	87	16600	0.5000	0.4842	
105 4-Chlorotoluene	126	15.838	15.844	-0.006	96	5290	0.5000	0.4380	
106 tert-Butylbenzene	134	16.160	16.166	-0.006	92	3407	0.5000	0.3830	
107 1,2,4-Trimethylbenzene	105	16.221	16.227	-0.006	95	16523	0.5000	0.4438	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	93	20314	0.5000	0.4645	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	19153	0.5000	0.4466	
110 1,3-Dichlorobenzene	146	16.671	16.671	0.000	96	12671	0.5000	0.5027	
111 1,4-Dichlorobenzene	146	16.775	16.781	-0.006	95	12618	0.5000	0.4994	
115 n-Butylbenzene	91	17.103	17.103	0.000	96	14621	0.5000	0.4466	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	97	12586	0.5000	0.4968	
117 1,2-Dibromo-3-Chloropropan	75	18.229	18.241	-0.012	1	967	0.5000	0.3168	M
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	93	10919	0.5000	0.5090	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	85	3915	0.5000	0.4775	
121 Naphthalene	128	19.707	19.707	0.000	97	28105	0.5000	0.4837	
122 1,2,3-Trichlorobenzene	180	20.060	20.066	-0.006	95	10347	0.5000	0.5084	
S 125 Total BTEX	1				0			2.35	
S 126 Xylenes, Total	1				0			0.9202	
S 123 1,2-Dichloroethene, Total	1				0			0.9506	
S 124 1,3-Dichloropropene, Total	1				0			0.8408	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00087

Amount Added: 0.50

Units: uL

GAS CORP mix_00197

Amount Added: 0.50

Units: uL

P 8260 IS_00193

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00206

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21659.D

Injection Date: 28-Dec-2016 12:43:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: IC

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

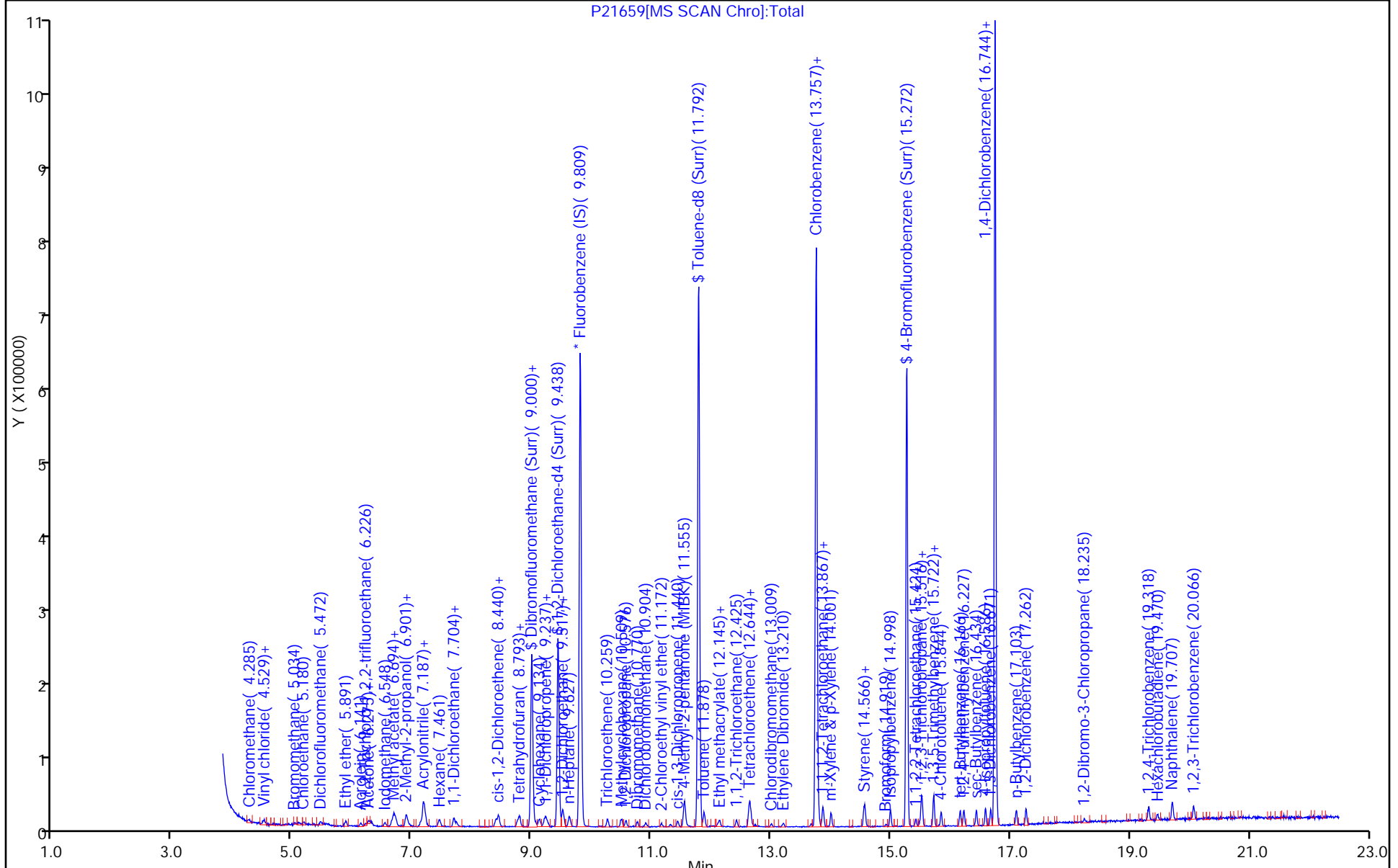
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

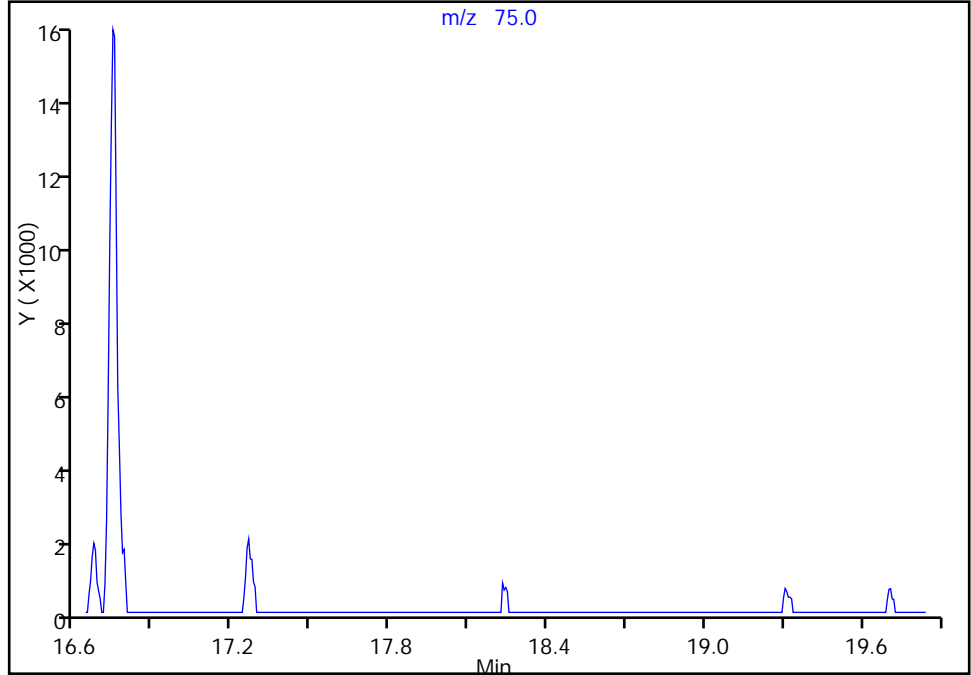
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Injection Date: 28-Dec-2016 12:43:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: RF ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

117 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

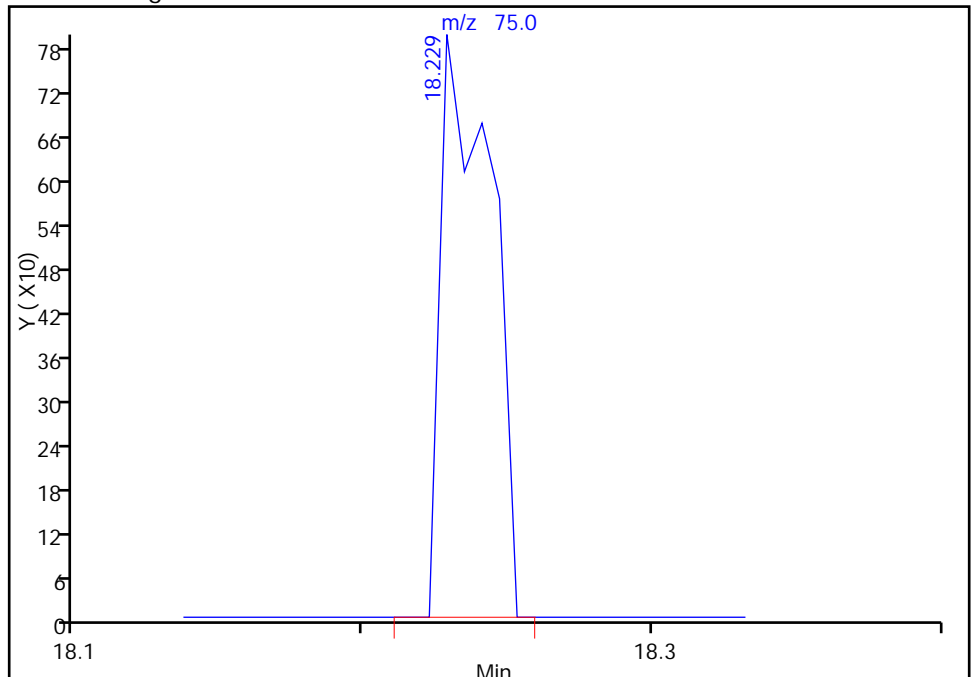
Not Detected
Expected RT: 18.24

Processing Integration Results



Manual Integration Results

RT: 18.23
Area: 967
Amount: 0.316830
Amount Units: ug/L



Reviewer: youngmans, 28-Dec-2016 17:48:23
Audit Action: Assigned Compound ID

Audit Reason: Missed Peak

TestAmerica Buffalo

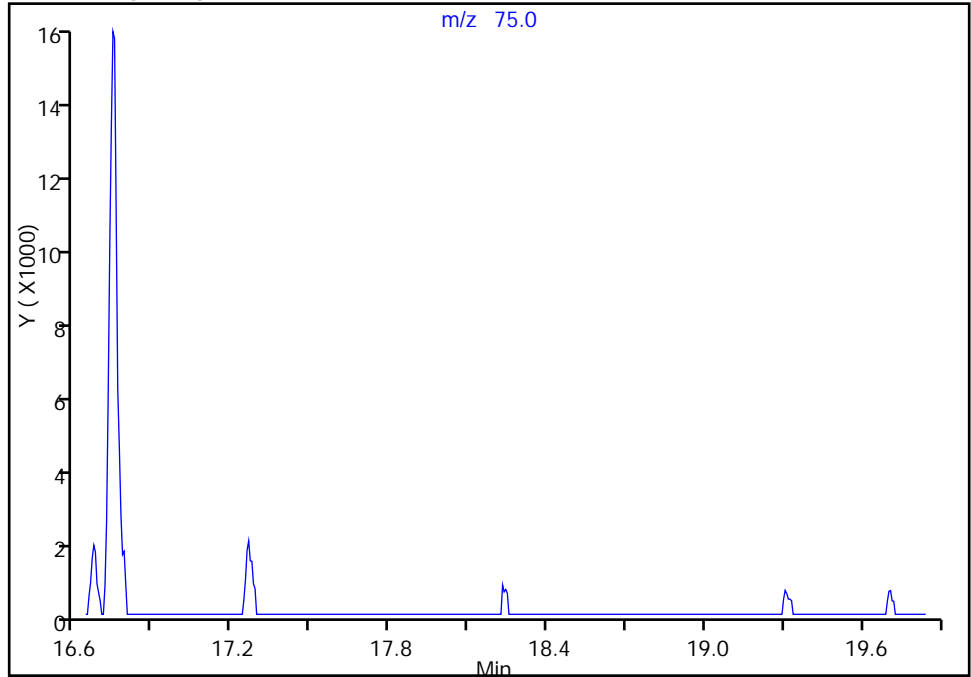
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21659.D
Injection Date: 28-Dec-2016 12:43:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: RF ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

117 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

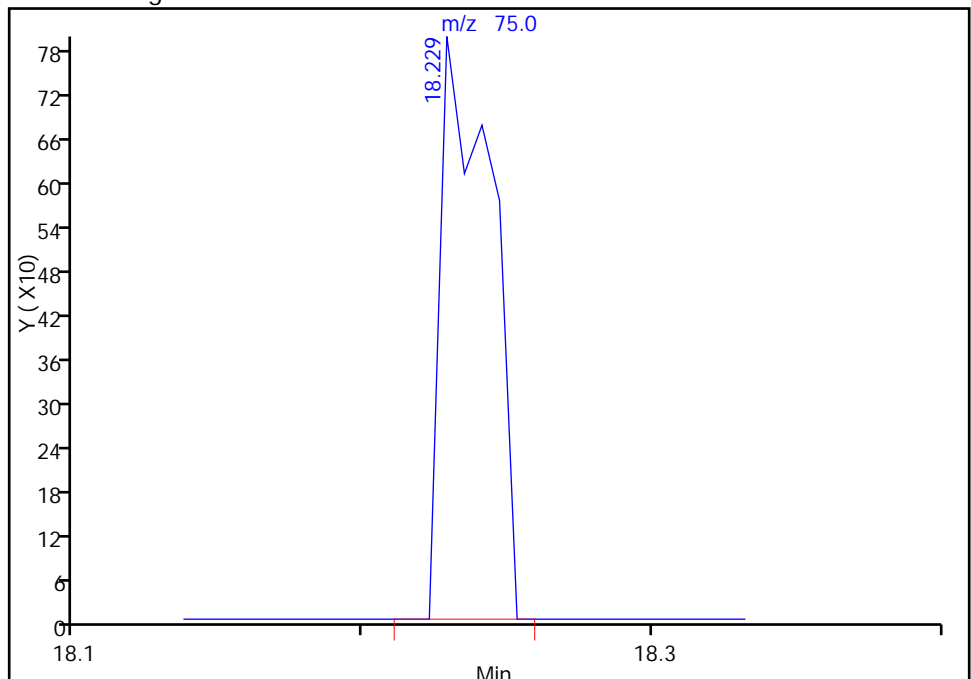
Not Detected
Expected RT: 18.24

Processing Integration Results



Manual Integration Results

RT: 18.23
Area: 967
Amount: 0.316830
Amount Units: ug/L



Reviewer: youngmans, 28-Dec-2016 17:48:23

Audit Action: Manually Integrated

Audit Reason: Missed Peak

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21660.D
 Lims ID: IC 2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 28-Dec-2016 13:10:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 2
 Misc. Info.: 480-0059466-006
 Operator ID: RF Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 29-Dec-2016 08:59:27 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK031

First Level Reviewer: youngmans

Date: 28-Dec-2016 18:00:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	99	139029	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.758	13.757	0.001	86	295106	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.744	0.007	93	377810	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	94	179948	25.0	24.2	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	104496	25.0	24.5	
\$ 5 Toluene-d8 (Surr)	98	11.793	11.798	-0.005	94	639421	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	254736	25.0	24.2	
10 Dichlorodifluoromethane	85	3.987	3.993	-0.006	96	5664	1.00	0.8594	
11 Chloromethane	50	4.267	4.291	-0.024	94	9873	1.00	1.09	
17 Vinyl chloride	62	4.492	4.516	-0.024	94	6635	1.00	0.9510	
144 Butadiene	54	4.529	4.547	-0.018	80	8114	1.00	1.08	
12 Bromomethane	94	5.058	5.070	-0.012	88	5217	1.00	0.9441	
13 Chloroethane	64	5.198	5.204	-0.006	95	6892	1.00	1.08	
19 Dichlorofluoromethane	67	5.478	5.490	-0.012	95	14693	1.00	0.9322	
14 Trichlorofluoromethane	101	5.551	5.599	-0.048	30	11646	1.00	0.8446	
20 Ethyl ether	59	5.898	5.897	0.001	96	10501	1.00	0.9813	
22 Acrolein	56	6.147	6.147	0.000	96	9895	5.00	4.67	
16 1,1,2-Trichloro-1,2,2-trif	101	6.244	6.244	0.000	86	7734	1.00	0.8498	
25 1,1-Dichloroethene	96	6.287	6.287	0.000	93	7849	1.00	0.8838	
24 Acetone	43	6.323	6.323	0.000	98	21003	5.00	4.91	
18 Iodomethane	142	6.555	6.554	0.001	96	17877	1.00	0.9123	
27 Carbon disulfide	76	6.658	6.670	-0.012	100	24363	1.00	0.8907	
30 Methyl acetate	43	6.701	6.700	0.001	100	65063	5.00	5.19	
28 3-Chloro-1-propene	41	6.731	6.737	-0.006	90	18269	1.00	0.9218	
31 Methylene Chloride	84	6.907	6.907	0.000	94	11796	1.00	1.12	
33 2-Methyl-2-propanol	59	6.932	6.932	0.000	93	17430	10.0	9.03	
32 Methyl tert-butyl ether	73	7.157	7.163	-0.006	85	26452	1.00	0.9446	
34 Acrylonitrile	53	7.199	7.199	0.000	99	69610	10.0	10.4	
35 trans-1,2-Dichloroethene	96	7.230	7.230	0.000	93	8913	1.00	0.9050	
36 Hexane	57	7.461	7.467	-0.006	92	14215	1.00	0.9425	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.704	7.698	0.006	97	50991	2.00	1.76	
40 1,1-Dichloroethane	63	7.753	7.753	0.000	94	17154	1.00	0.9200	
44 2-Butanone (MEK)	43	8.404	8.398	0.006	97	39372	5.00	4.88	
43 cis-1,2-Dichloroethene	96	8.447	8.452	-0.005	83	10319	1.00	0.9205	
45 2,2-Dichloropropane	77	8.447	8.459	-0.012	56	10073	1.00	0.8300	
50 Chlorobromomethane	128	8.763	8.769	-0.006	92	5213	1.00	0.8718	
51 Tetrahydrofuran	42	8.793	8.793	0.000	78	12143	2.00	2.13	
49 Chloroform	83	8.805	8.805	0.000	94	17186	1.00	1.02	
52 1,1,1-Trichloroethane	97	9.061	9.067	-0.006	96	12521	1.00	0.8614	
54 Cyclohexane	56	9.128	9.134	-0.006	89	17954	1.00	0.8326	
53 Isobutyl alcohol	43	9.213	9.213	0.000	92	16576	25.0	19.1	
56 1,1-Dichloropropene	75	9.231	9.243	-0.012	89	9899	1.00	0.8874	
55 Carbon tetrachloride	117	9.268	9.274	-0.006	96	9887	1.00	0.8019	
57 Benzene	78	9.517	9.517	0.000	95	31446	1.00	0.9498	
60 1,2-Dichloroethane	62	9.542	9.541	0.001	94	15536	1.00	1.00	
59 n-Heptane	43	9.639	9.645	-0.006	96	17149	1.00	1.18	
62 Trichloroethene	95	10.278	10.271	0.007	94	8926	1.00	0.8933	
64 Methylcyclohexane	83	10.509	10.509	0.000	93	12144	1.00	0.8408	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	95	9188	1.00	0.8741	
68 1,4-Dioxane	88	10.704	10.697	0.007	1	1973	20.0	16.5	M
69 Dibromomethane	93	10.770	10.770	0.000	90	5850	1.00	0.9212	
70 Dichlorobromomethane	83	10.910	10.910	0.000	92	8998	1.00	0.7943	
71 2-Chloroethyl vinyl ether	63	11.178	11.172	0.006	89	6673	1.00	0.8365	
73 cis-1,3-Dichloropropene	75	11.452	11.446	0.006	87	10665	1.00	0.7846	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.555	0.000	98	79201	5.00	4.96	
76 Toluene	92	11.890	11.884	0.006	97	20816	1.00	0.9704	
77 Ethyl methacrylate	69	12.115	12.115	0.000	88	9451	1.00	0.7964	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	94	10140	1.00	0.8089	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	92	7351	1.00	0.9840	
80 Tetrachloroethene	166	12.632	12.632	0.000	93	9926	1.00	0.9094	
83 2-Hexanone	43	12.644	12.638	0.006	99	52377	5.00	4.82	
82 1,3-Dichloropropane	76	12.669	12.668	0.001	96	14061	1.00	1.02	
81 Chlorodibromomethane	129	13.003	13.009	-0.006	87	7251	1.00	0.7283	
85 Ethylene Dibromide	107	13.216	13.210	0.006	98	9629	1.00	0.9228	
87 Chlorobenzene	112	13.800	13.800	0.000	95	25545	1.00	0.9282	
89 Ethylbenzene	91	13.867	13.867	0.000	97	35849	1.00	0.9271	
88 1,1,1,2-Tetrachloroethane	131	13.885	13.885	0.000	89	8386	1.00	0.8313	
90 m-Xylene & p-Xylene	106	14.001	14.007	-0.006	0	15336	1.00	0.8983	
93 o-Xylene	106	14.554	14.554	0.000	96	15070	1.00	0.8728	
94 Styrene	104	14.573	14.573	0.000	94	23558	1.00	0.8780	
92 Bromoform	173	14.926	14.925	0.001	92	5538	1.00	1.30	
95 Isopropylbenzene	105	14.999	14.998	0.001	96	36267	1.00	0.8851	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	96	12900	1.00	0.9369	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	72	4252	1.00	0.8391	
100 Bromobenzene	156	15.522	15.515	0.007	89	12864	1.00	0.9309	
101 1,2,3-Trichloropropane	110	15.516	15.515	0.001	63	4107	1.00	0.9586	
99 N-Propylbenzene	91	15.528	15.528	0.000	98	43680	1.00	0.9548	
103 2-Chlorotoluene	126	15.716	15.716	0.000	96	11148	1.00	0.9583	
102 1,3,5-Trimethylbenzene	105	15.723	15.728	-0.005	95	30273	1.00	0.8828	
105 4-Chlorotoluene	126	15.844	15.844	0.000	96	10482	1.00	0.8677	
106 tert-Butylbenzene	134	16.167	16.166	0.001	91	7483	1.00	0.8409	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	97	32910	1.00	0.8837	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	93	38814	1.00	0.8873	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	37346	1.00	0.8706	
110 1,3-Dichlorobenzene	146	16.678	16.671	0.007	97	24944	1.00	0.9893	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	93	25138	1.00	0.99	
115 n-Butylbenzene	91	17.103	17.103	0.000	96	28646	1.00	0.8748	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	97	23923	1.00	0.9441	
117 1,2-Dibromo-3-Chloropropan	75	18.235	18.241	-0.006	80	2713	1.00	0.8887	
119 1,2,4-Trichlorobenzene	180	19.318	19.312	0.006	92	20085	1.00	0.9360	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	91	7515	1.00	0.9163	
121 Naphthalene	128	19.707	19.707	0.000	96	53433	1.00	0.9193	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	95	19553	1.00	0.9605	
S 125 Total BTEX	1				0			4.62	
S 126 Xylenes, Total	1				0			1.77	
S 123 1,2-Dichloroethene, Total	1				0			1.83	
S 124 1,3-Dichloropropene, Total	1				0			1.59	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00087

Amount Added: 1.00

Units: uL

GAS CORP mix_00197

Amount Added: 1.00

Units: uL

P 8260 IS_00193

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00206

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21660.D

Injection Date: 28-Dec-2016 13:10:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: IC 2

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

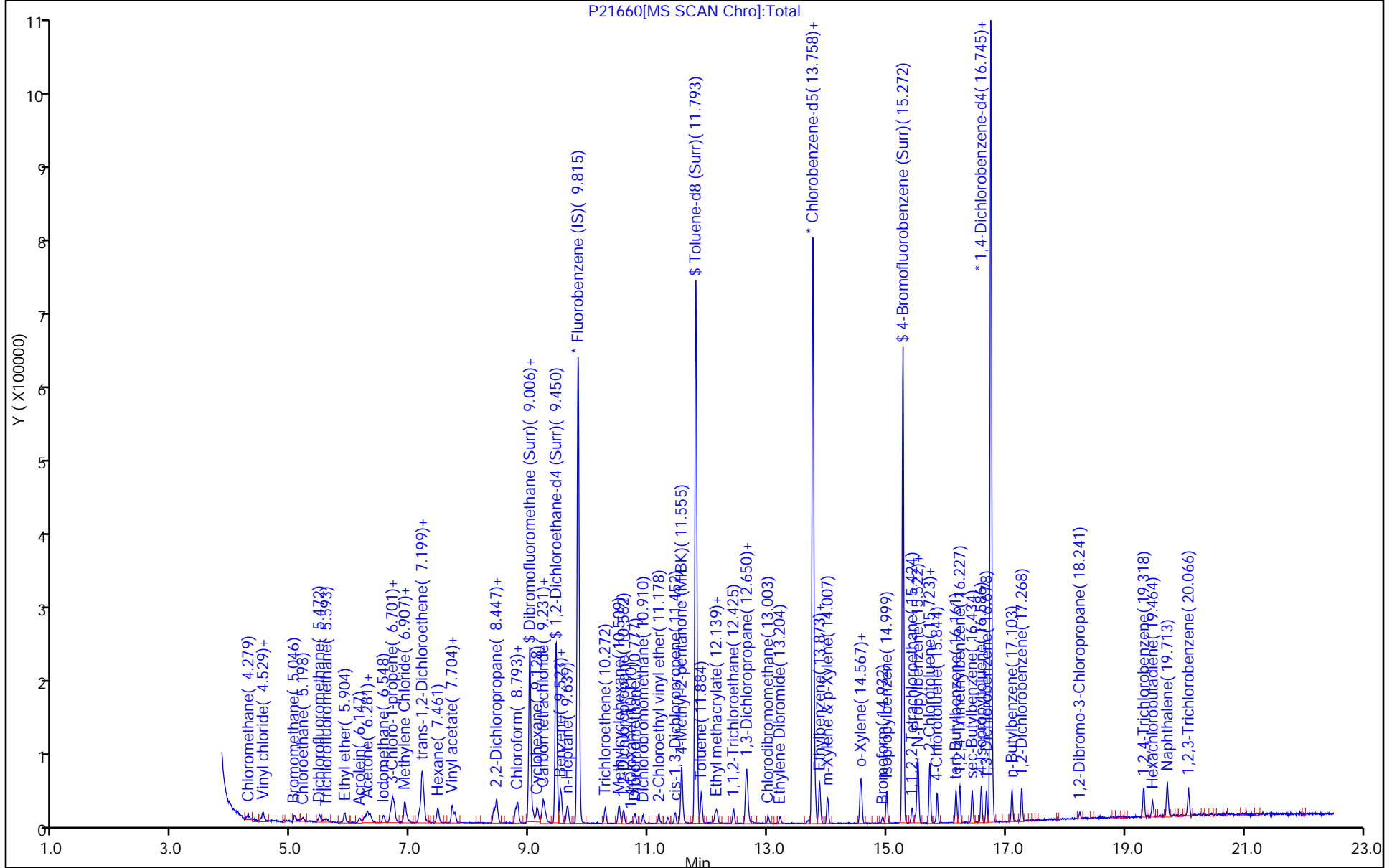
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

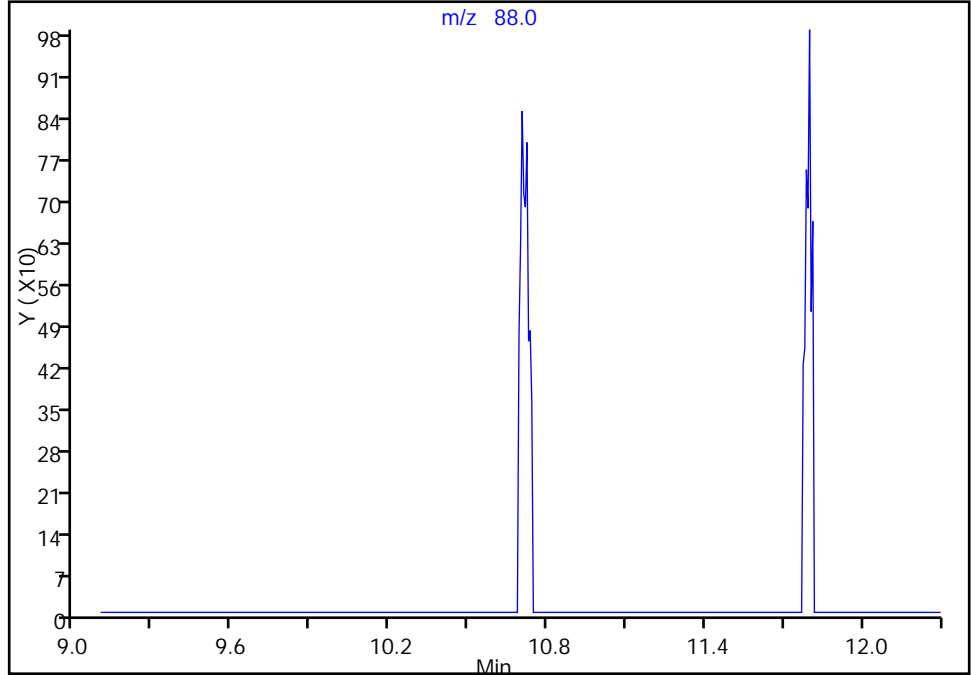
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Injection Date: 28-Dec-2016 13:10:30 Instrument ID: HP5973P
Lims ID: IC 2
Client ID:
Operator ID: RF ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

68 1,4-Dioxane, CAS: 123-91-1

Signal: 1

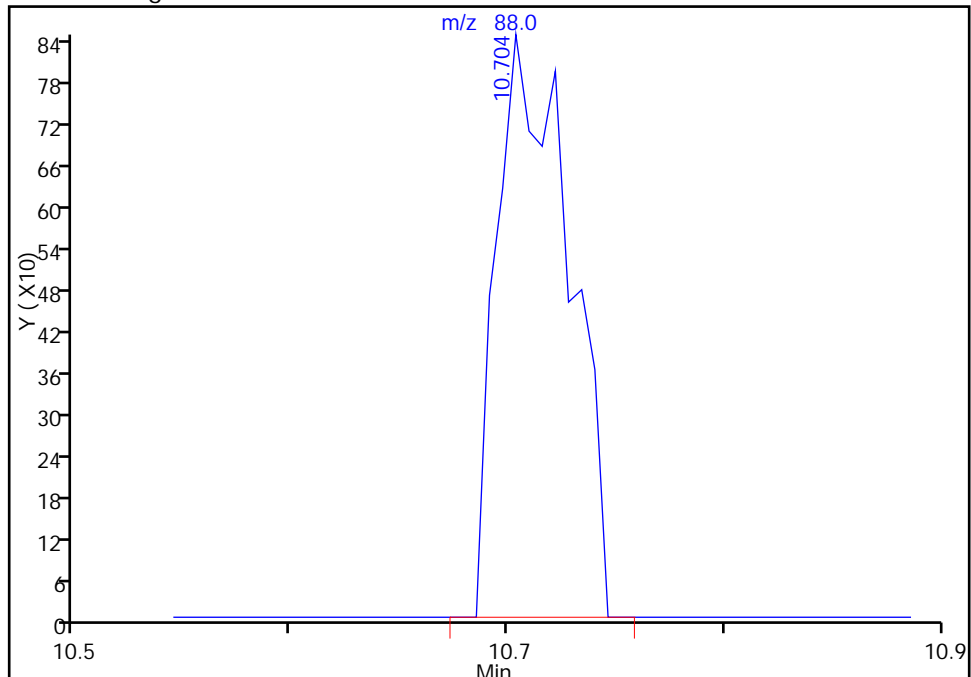
Not Detected
Expected RT: 10.70

Processing Integration Results



RT: 10.70
Area: 1973
Amount: 16.505136
Amount Units: ug/L

Manual Integration Results



Reviewer: youngmans, 28-Dec-2016 17:59:25
Audit Action: Assigned Compound ID

Audit Reason: Missed Peak

TestAmerica Buffalo

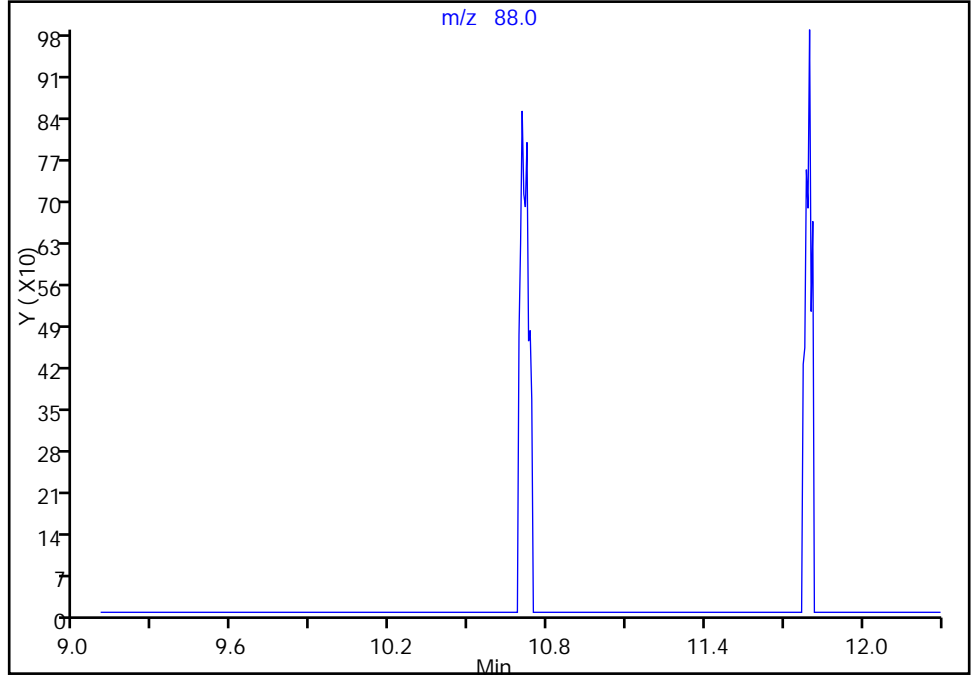
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Injection Date: 28-Dec-2016 13:10:30 Instrument ID: HP5973P
Lims ID: IC 2
Client ID:
Operator ID: RF ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

68 1,4-Dioxane, CAS: 123-91-1

Signal: 1

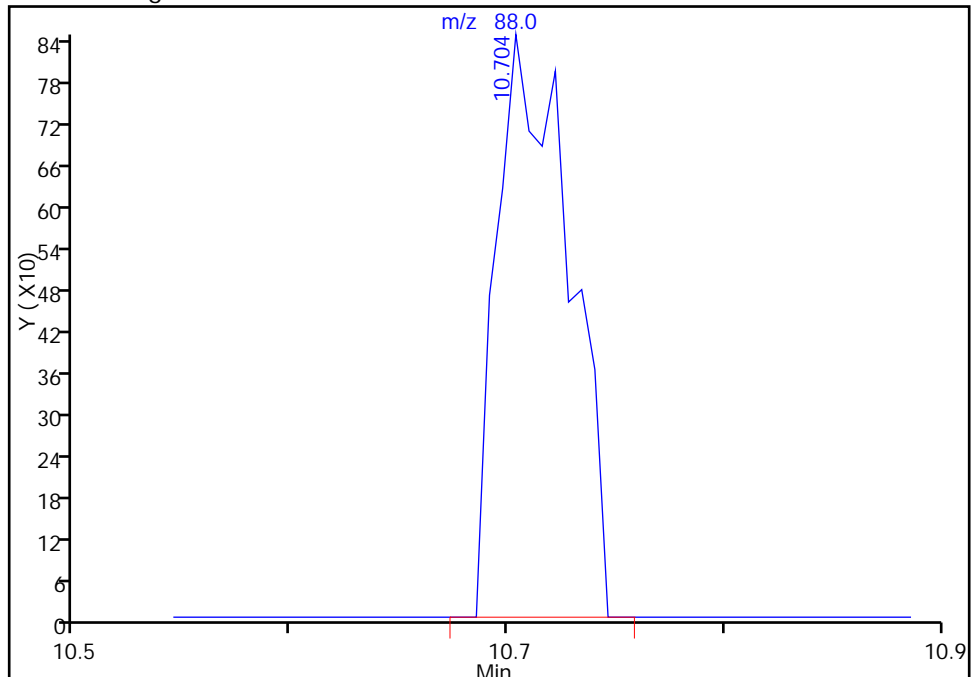
Not Detected
Expected RT: 10.70

Processing Integration Results



Manual Integration Results

RT: 10.70
Area: 1973
Amount: 16.505136
Amount Units: ug/L



Reviewer: youngmans, 28-Dec-2016 17:59:25

Audit Action: Manually Integrated

Audit Reason: Missed Peak

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21661.D
 Lims ID: IC 3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 28-Dec-2016 13:37:30 ALS Bottle#: 7 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 3
 Misc. Info.: 480-0059466-007
 Operator ID: RF Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 29-Dec-2016 08:59:29 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK031

First Level Reviewer: youngmans

Date: 28-Dec-2016 18:09:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	99	135747	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	86	294259	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.744	0.006	93	384241	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	97	182361	25.0	25.1	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	105389	25.0	25.3	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.798	-0.006	93	637404	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	98	262250	25.0	25.0	
10 Dichlorodifluoromethane	85	3.975	3.993	-0.018	99	45824	5.00	5.44	
11 Chloromethane	50	4.279	4.291	-0.012	97	48988	5.00	5.53	
17 Vinyl chloride	62	4.498	4.516	-0.018	98	36166	5.00	5.31	
144 Butadiene	54	4.529	4.547	-0.019	86	37330	5.00	5.11	
12 Bromomethane	94	5.064	5.070	-0.006	92	26021	5.00	4.82	
13 Chloroethane	64	5.192	5.204	-0.012	97	32478	5.00	5.22	
19 Dichlorofluoromethane	67	5.484	5.490	-0.006	98	80239	5.00	5.21	
14 Trichlorofluoromethane	101	5.605	5.599	0.006	98	70699	5.00	5.25	
20 Ethyl ether	59	5.897	5.897	0.000	99	52000	5.00	4.98	
22 Acrolein	56	6.147	6.147	0.000	100	50500	25.0	24.4	
16 1,1,2-Trichloro-1,2,2-trif	101	6.238	6.244	-0.006	87	45794	5.00	5.15	
25 1,1-Dichloroethene	96	6.281	6.287	-0.006	95	45284	5.00	5.22	
24 Acetone	43	6.323	6.323	0.000	100	104183	25.0	24.9	
18 Iodomethane	142	6.548	6.554	-0.006	98	97759	5.00	5.11	
27 Carbon disulfide	76	6.664	6.670	-0.006	100	141832	5.00	5.31	
30 Methyl acetate	43	6.700	6.700	0.000	100	326783	25.0	26.7	
28 3-Chloro-1-propene	41	6.737	6.737	0.000	87	103928	5.00	5.37	
31 Methylene Chloride	84	6.907	6.907	0.000	93	53237	5.00	5.17	
33 2-Methyl-2-propanol	59	6.938	6.932	0.006	95	90754	50.0	48.2	
32 Methyl tert-butyl ether	73	7.163	7.163	0.000	96	137223	5.00	5.02	
34 Acrylonitrile	53	7.193	7.199	-0.006	99	350936	50.0	53.7	
35 trans-1,2-Dichloroethene	96	7.230	7.230	0.000	94	52695	5.00	5.48	
36 Hexane	57	7.461	7.467	-0.006	94	76991	5.00	5.23	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.698	7.698	0.000	97	288840	10.0	10.2	
40 1,1-Dichloroethane	63	7.753	7.753	0.000	97	94978	5.00	5.22	
44 2-Butanone (MEK)	43	8.398	8.398	0.000	97	198959	25.0	25.3	
43 cis-1,2-Dichloroethene	96	8.446	8.452	-0.006	84	56088	5.00	5.12	
45 2,2-Dichloropropane	77	8.452	8.459	-0.007	52	62945	5.00	5.31	
50 Chlorobromomethane	128	8.769	8.769	0.000	93	29045	5.00	4.97	
51 Tetrahydrofuran	42	8.799	8.793	0.006	82	57445	10.0	10.3	
49 Chloroform	83	8.805	8.805	0.000	96	85191	5.00	5.16	
52 1,1,1-Trichloroethane	97	9.061	9.067	-0.006	98	72619	5.00	5.12	
54 Cyclohexane	56	9.134	9.134	0.000	91	110679	5.00	5.26	
53 Isobutyl alcohol	43	9.213	9.213	0.000	95	102636	125.0	121.3	
56 1,1-Dichloropropene	75	9.237	9.243	-0.006	90	57689	5.00	5.30	
55 Carbon tetrachloride	117	9.268	9.274	-0.006	94	61084	5.00	5.07	
57 Benzene	78	9.517	9.517	0.000	97	172599	5.00	5.34	
60 1,2-Dichloroethane	62	9.535	9.541	-0.006	96	79150	5.00	5.20	
59 n-Heptane	43	9.639	9.645	-0.006	96	77005	5.00	5.41	
62 Trichloroethene	95	10.265	10.271	-0.006	93	50368	5.00	5.16	
64 Methylcyclohexane	83	10.503	10.509	-0.006	97	74591	5.00	5.29	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	95	52362	5.00	5.10	
68 1,4-Dioxane	88	10.703	10.697	0.006	93	10509	100.0	88.2	
69 Dibromomethane	93	10.764	10.770	-0.006	89	31120	5.00	5.02	
70 Dichlorobromomethane	83	10.910	10.910	0.000	98	53290	5.00	4.82	
71 2-Chloroethyl vinyl ether	63	11.172	11.172	0.000	91	38289	5.00	4.92	
73 cis-1,3-Dichloropropene	75	11.446	11.446	0.000	92	66380	5.00	5.00	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.555	0.000	98	433396	25.0	27.2	
76 Toluene	92	11.890	11.884	0.006	98	112337	5.00	5.25	
77 Ethyl methacrylate	69	12.115	12.115	0.000	96	57350	5.00	4.85	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	94	61952	5.00	4.96	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	92	37226	5.00	5.00	
80 Tetrachloroethene	166	12.632	12.632	0.000	94	57885	5.00	5.32	
83 2-Hexanone	43	12.644	12.638	0.006	97	297346	25.0	27.5	
82 1,3-Dichloropropane	76	12.668	12.668	0.000	99	73615	5.00	5.33	
81 Chlorodibromomethane	129	13.009	13.009	0.000	91	44753	5.00	4.51	
85 Ethylene Dibromide	107	13.210	13.210	0.000	97	52407	5.00	5.04	
87 Chlorobenzene	112	13.800	13.800	0.000	96	141854	5.00	5.17	
89 Ethylbenzene	91	13.867	13.867	0.000	98	208337	5.00	5.40	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.885	-0.006	93	49244	5.00	4.90	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	90524	5.00	5.32	
93 o-Xylene	106	14.554	14.554	0.000	96	89847	5.00	5.22	
94 Styrene	104	14.572	14.573	-0.001	95	140537	5.00	5.25	
92 Bromoform	173	14.925	14.925	0.000	98	33580	5.00	4.23	
95 Isopropylbenzene	105	14.998	14.998	0.000	96	217526	5.00	5.22	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	97	68269	5.00	4.88	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	72	24025	5.00	4.66	
100 Bromobenzene	156	15.515	15.515	0.000	89	72752	5.00	5.18	
101 1,2,3-Trichloropropane	110	15.515	15.515	0.000	67	22117	5.00	5.08	
99 N-Propylbenzene	91	15.528	15.528	0.000	97	248657	5.00	5.34	
103 2-Chlorotoluene	126	15.716	15.716	0.000	97	61567	5.00	5.20	
102 1,3,5-Trimethylbenzene	105	15.722	15.728	-0.006	97	184552	5.00	5.29	
105 4-Chlorotoluene	126	15.850	15.844	0.006	96	64025	5.00	5.21	
106 tert-Butylbenzene	134	16.166	16.166	0.000	92	46202	5.00	5.11	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	95	199039	5.00	5.26	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	94	227750	5.00	5.12	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	222802	5.00	5.11	
110 1,3-Dichlorobenzene	146	16.677	16.671	0.006	99	131815	5.00	5.14	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	97	131422	5.00	5.11	
115 n-Butylbenzene	91	17.103	17.103	0.000	98	173013	5.00	5.20	
116 1,2-Dichlorobenzene	146	17.261	17.268	-0.007	98	129702	5.00	5.03	
117 1,2-Dibromo-3-Chloropropan	75	18.235	18.241	-0.006	86	13932	5.00	4.49	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	108435	5.00	4.97	
120 Hexachlorobutadiene	225	19.458	19.464	-0.006	94	42390	5.00	5.08	
121 Naphthalene	128	19.707	19.707	0.000	97	289043	5.00	4.89	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	96	100309	5.00	4.84	
S 125 Total BTEX	1				0			26.5	
S 126 Xylenes, Total	1				0			10.5	
S 123 1,2-Dichloroethene, Total	1				0			10.6	
S 124 1,3-Dichloropropene, Total	1				0			9.96	

Reagents:

8260 CORP mix_00087	Amount Added: 5.00	Units: uL	
GAS CORP mix_00197	Amount Added: 5.00	Units: uL	
P 8260 IS_00193	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00206	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21661.D

Injection Date: 28-Dec-2016 13:37:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: IC 3

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

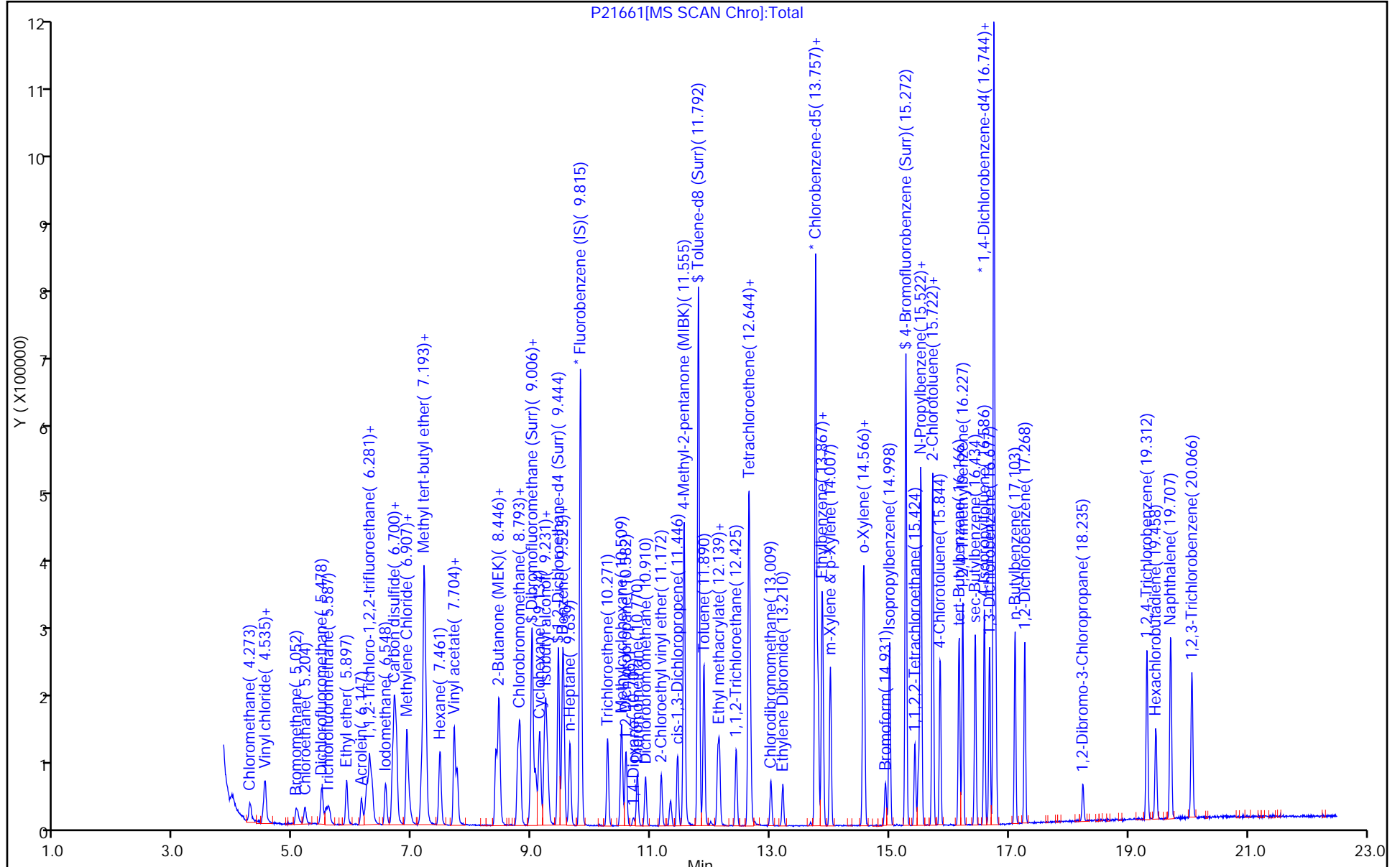
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21662.D
 Lims ID: IC 4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 28-Dec-2016 14:04:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 4
 Misc. Info.: 480-0059466-008
 Operator ID: RF Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 29-Dec-2016 08:59:31 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK031

First Level Reviewer: youngmans

Date: 28-Dec-2016 18:17:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	99	136130	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	86	298428	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.744	16.744	0.000	93	388885	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	96	185877	25.0	25.5	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	106680	25.0	25.6	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.792	0.000	93	645025	25.0	24.8	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	266205	25.0	25.0	
10 Dichlorodifluoromethane	85	3.981	3.981	0.000	99	90612	10.0	10.5	
11 Chloromethane	50	4.279	4.279	0.000	98	89516	10.0	10.1	
17 Vinyl chloride	62	4.510	4.510	0.000	98	72494	10.0	10.6	
144 Butadiene	54	4.534	4.534	0.000	87	78998	10.0	10.8	
12 Bromomethane	94	5.058	5.058	0.000	92	36933	10.0	6.83	
13 Chloroethane	64	5.198	5.198	0.000	97	53729	10.0	8.61	
19 Dichlorofluoromethane	67	5.477	5.477	0.000	97	153850	10.0	9.97	
14 Trichlorofluoromethane	101	5.581	5.581	0.000	98	139504	10.0	10.3	
20 Ethyl ether	59	5.897	5.897	0.000	98	108780	10.0	10.4	
22 Acrolein	56	6.147	6.147	0.000	98	106805	50.0	51.5	
16 1,1,2-Trichloro-1,2,2-trif	101	6.232	6.232	0.000	88	93765	10.0	10.5	
25 1,1-Dichloroethene	96	6.280	6.280	0.000	95	89244	10.0	10.3	
24 Acetone	43	6.323	6.323	0.000	100	215293	50.0	51.4	
18 Iodomethane	142	6.548	6.548	0.000	98	196207	10.0	10.2	
27 Carbon disulfide	76	6.664	6.664	0.000	100	285581	10.0	10.7	
30 Methyl acetate	43	6.694	6.694	0.000	100	651111	50.0	53.0	
28 3-Chloro-1-propene	41	6.731	6.731	0.000	86	208872	10.0	10.8	
31 Methylene Chloride	84	6.907	6.907	0.000	93	103986	10.0	10.1	
33 2-Methyl-2-propanol	59	6.931	6.931	0.000	95	187574	100.0	99.2	
32 Methyl tert-butyl ether	73	7.169	7.169	0.000	97	283169	10.0	10.3	
34 Acrylonitrile	53	7.193	7.193	0.000	100	707799	100.0	107.9	
35 trans-1,2-Dichloroethene	96	7.229	7.229	0.000	94	101790	10.0	10.6	
36 Hexane	57	7.467	7.467	0.000	94	155289	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.698	7.698	0.000	96	609511	20.0	21.5	
40 1,1-Dichloroethane	63	7.747	7.747	0.000	96	194326	10.0	10.6	
44 2-Butanone (MEK)	43	8.397	8.397	0.000	98	407011	50.0	51.6	
43 cis-1,2-Dichloroethene	96	8.446	8.446	0.000	85	116738	10.0	10.6	
45 2,2-Dichloropropane	77	8.452	8.452	0.000	51	123887	10.0	10.4	
50 Chlorobromomethane	128	8.762	8.762	0.000	94	61532	10.0	10.5	
51 Tetrahydrofuran	42	8.793	8.793	0.000	93	116630	20.0	20.9	
49 Chloroform	83	8.805	8.805	0.000	96	168872	10.0	10.2	
52 1,1,1-Trichloroethane	97	9.067	9.067	0.000	98	147416	10.0	10.4	
54 Cyclohexane	56	9.134	9.134	0.000	91	212957	10.0	10.1	
53 Isobutyl alcohol	43	9.213	9.213	0.000	96	235209	250.0	277.2	
56 1,1-Dichloropropene	75	9.237	9.237	0.000	92	116284	10.0	10.6	
55 Carbon tetrachloride	117	9.267	9.267	0.000	95	124721	10.0	10.3	
57 Benzene	78	9.517	9.517	0.000	97	348961	10.0	10.8	
60 1,2-Dichloroethane	62	9.541	9.541	0.000	96	159274	10.0	10.4	
59 n-Heptane	43	9.639	9.639	0.000	96	151767	10.0	10.6	
62 Trichloroethene	95	10.271	10.271	0.000	93	100695	10.0	10.3	
64 Methylcyclohexane	83	10.502	10.502	0.000	96	145882	10.0	10.3	
63 1,2-Dichloropropane	63	10.581	10.581	0.000	93	106571	10.0	10.4	
68 1,4-Dioxane	88	10.697	10.697	0.000	97	26793	200.0	221.6	
69 Dibromomethane	93	10.770	10.770	0.000	89	63794	10.0	10.3	
70 Dichlorobromomethane	83	10.904	10.904	0.000	98	114339	10.0	10.3	
71 2-Chloroethyl vinyl ether	63	11.166	11.166	0.000	92	80129	10.0	10.3	
73 cis-1,3-Dichloropropene	75	11.445	11.445	0.000	91	137794	10.0	10.4	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.549	0.000	97	878568	50.0	54.4	
76 Toluene	92	11.883	11.883	0.000	98	224980	10.0	10.4	
77 Ethyl methacrylate	69	12.115	12.115	0.000	97	121039	10.0	10.1	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	95	129393	10.0	10.2	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	92	77384	10.0	10.2	
80 Tetrachloroethene	166	12.632	12.632	0.000	97	116223	10.0	10.5	
83 2-Hexanone	43	12.644	12.644	0.000	98	614101	50.0	55.9	
82 1,3-Dichloropropane	76	12.668	12.668	0.000	99	148609	10.0	10.6	
81 Chlorodibromomethane	129	13.009	13.009	0.000	90	96888	10.0	9.62	
85 Ethylene Dibromide	107	13.210	13.210	0.000	98	107363	10.0	10.2	
87 Chlorobenzene	112	13.800	13.800	0.000	97	287104	10.0	10.3	
89 Ethylbenzene	91	13.867	13.867	0.000	97	415792	10.0	10.6	
88 1,1,1,2-Tetrachloroethane	131	13.885	13.885	0.000	93	107541	10.0	10.5	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	183003	10.0	10.6	
93 o-Xylene	106	14.554	14.554	0.000	96	182728	10.0	10.5	
94 Styrene	104	14.572	14.572	0.000	96	284716	10.0	10.5	
92 Bromoform	173	14.925	14.925	0.000	98	75699	10.0	8.51	
95 Isopropylbenzene	105	14.998	14.998	0.000	95	436766	10.0	10.4	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	97	139454	10.0	9.84	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	76	51869	10.0	9.94	
100 Bromobenzene	156	15.515	15.515	0.000	88	147306	10.0	10.4	
101 1,2,3-Trichloropropane	110	15.515	15.515	0.000	62	46682	10.0	10.6	
99 N-Propylbenzene	91	15.527	15.527	0.000	97	497213	10.0	10.6	
103 2-Chlorotoluene	126	15.722	15.722	0.000	98	124808	10.0	10.4	
102 1,3,5-Trimethylbenzene	105	15.722	15.722	0.000	97	372532	10.0	10.6	
105 4-Chlorotoluene	126	15.850	15.850	0.000	96	128267	10.0	10.3	
106 tert-Butylbenzene	134	16.166	16.166	0.000	92	92357	10.0	10.1	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	96	395095	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	94	462421	10.0	10.3	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	452977	10.0	10.3	
110 1,3-Dichlorobenzene	146	16.671	16.671	0.000	99	260398	10.0	10.0	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	97	263825	10.0	10.1	
115 n-Butylbenzene	91	17.103	17.103	0.000	97	342093	10.0	10.1	
116 1,2-Dichlorobenzene	146	17.267	17.267	0.000	99	263526	10.0	10.1	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	88	28722	10.0	9.14	
119 1,2,4-Trichlorobenzene	180	19.311	19.311	0.000	95	217597	10.0	9.85	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	94	84979	10.0	10.1	
121 Naphthalene	128	19.713	19.713	0.000	97	602703	10.0	10.1	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	96	208222	10.0	9.94	
S 125 Total BTEX	1				0			52.8	
S 126 Xylenes, Total	1				0			21.1	
S 123 1,2-Dichloroethene, Total	1				0			21.2	
S 124 1,3-Dichloropropene, Total	1				0			20.6	

Reagents:

8260 CORP mix_00087	Amount Added: 5.00	Units: uL	
GAS CORP mix_00197	Amount Added: 5.00	Units: uL	
P 8260 IS_00193	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00206	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21662.D

Injection Date: 28-Dec-2016 14:04:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: IC 4

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

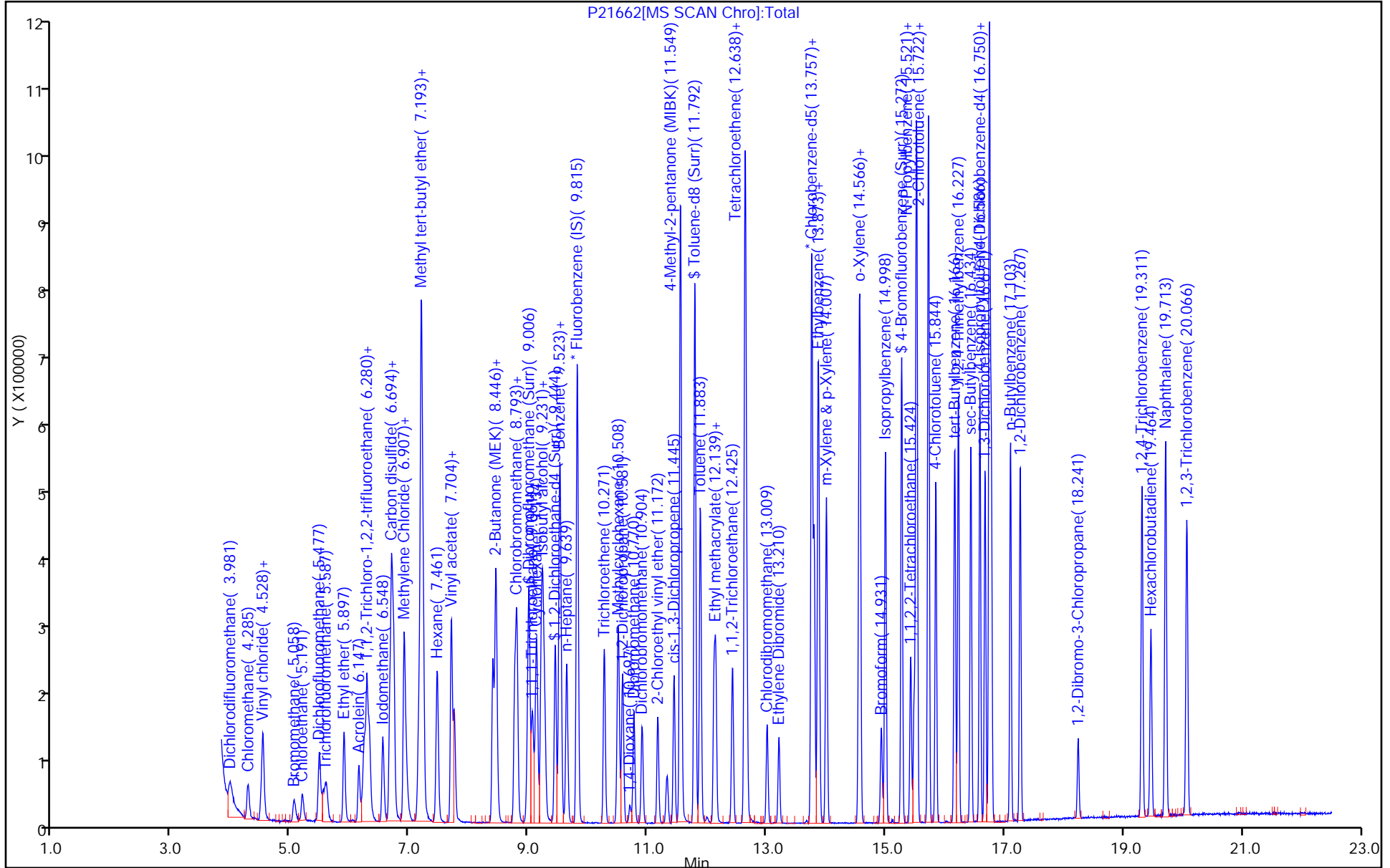
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21663.D
 Lims ID: ICIS 5
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 28-Dec-2016 14:32:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICIS 5
 Misc. Info.: 480-0059466-009
 Operator ID: RF Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 29-Dec-2016 08:59:33 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK031

First Level Reviewer: youngmans

Date: 28-Dec-2016 21:12:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	99	137367	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	84	297540	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.750	0.000	76	388827	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	80	186466	25.0	25.4	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	104555	25.0	24.8	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.798	0.000	93	646148	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	96	268395	25.0	25.3	
10 Dichlorodifluoromethane	85	3.993	3.993	0.000	85	226070	25.0	25.6	
11 Chloromethane	50	4.291	4.291	0.000	88	219375	25.0	24.5	
17 Vinyl chloride	62	4.516	4.516	0.000	82	175745	25.0	25.5	
144 Butadiene	54	4.547	4.547	0.000	87	186567	25.0	25.2	
12 Bromomethane	94	5.070	5.070	0.000	91	170133	25.0	31.2	
13 Chloroethane	64	5.204	5.204	0.000	93	160769	25.0	25.5	
19 Dichlorofluoromethane	67	5.490	5.490	0.000	83	406306	25.0	26.1	
14 Trichlorofluoromethane	101	5.599	5.599	0.000	84	362543	25.0	26.6	
20 Ethyl ether	59	5.897	5.897	0.000	98	273313	25.0	25.9	
22 Acrolein	56	6.147	6.147	0.000	91	282026	125.0	134.7	
16 1,1,2-Trichloro-1,2,2-trif	101	6.244	6.244	0.000	77	236490	25.0	26.3	
25 1,1-Dichloroethene	96	6.287	6.287	0.000	87	230280	25.0	26.2	
24 Acetone	43	6.323	6.323	0.000	100	550933	125.0	130.4	
18 Iodomethane	142	6.554	6.554	0.000	98	504292	25.0	26.0	
27 Carbon disulfide	76	6.670	6.670	0.000	99	688685	25.0	25.5	
30 Methyl acetate	43	6.700	6.700	0.000	100	1663514	125.0	134.3	
28 3-Chloro-1-propene	41	6.737	6.737	0.000	83	518933	25.0	26.5	
31 Methylene Chloride	84	6.907	6.907	0.000	90	257010	25.0	24.7	
33 2-Methyl-2-propanol	59	6.932	6.932	0.000	96	517658	250.0	271.4	
32 Methyl tert-butyl ether	73	7.163	7.163	0.000	92	723221	25.0	26.1	
34 Acrylonitrile	53	7.199	7.199	0.000	99	1736530	250.0	262.3	
35 trans-1,2-Dichloroethene	96	7.230	7.230	0.000	91	251815	25.0	25.9	
36 Hexane	57	7.467	7.467	0.000	91	380899	25.0	25.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.698	7.698	0.000	96	1559741	50.0	54.5	
40 1,1-Dichloroethane	63	7.753	7.753	0.000	85	481058	25.0	26.1	
44 2-Butanone (MEK)	43	8.398	8.398	0.000	98	1064890	125.0	133.7	
43 cis-1,2-Dichloroethene	96	8.452	8.452	0.000	70	288316	25.0	26.0	
45 2,2-Dichloropropane	77	8.459	8.459	0.000	54	314780	25.0	26.3	
50 Chlorobromomethane	128	8.769	8.769	0.000	90	156155	25.0	26.4	
51 Tetrahydrofuran	42	8.793	8.793	0.000	90	294033	50.0	52.2	
49 Chloroform	83	8.805	8.805	0.000	83	426840	25.0	25.5	
52 1,1,1-Trichloroethane	97	9.067	9.067	0.000	91	374001	25.0	26.0	
54 Cyclohexane	56	9.134	9.134	0.000	90	577770	25.0	27.1	
53 Isobutyl alcohol	43	9.213	9.213	0.000	91	622321	625.0	726.9	
56 1,1-Dichloropropene	75	9.243	9.243	0.000	88	292302	25.0	26.5	
55 Carbon tetrachloride	117	9.274	9.274	0.000	77	321712	25.0	26.4	
57 Benzene	78	9.517	9.517	0.000	95	858690	25.0	26.2	
60 1,2-Dichloroethane	62	9.541	9.541	0.000	82	393562	25.0	25.6	
59 n-Heptane	43	9.645	9.645	0.000	92	345659	25.0	24.0	
62 Trichloroethene	95	10.271	10.271	0.000	89	256767	25.0	26.0	
64 Methylcyclohexane	83	10.509	10.509	0.000	96	374435	25.0	26.2	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	71	277767	25.0	26.7	
68 1,4-Dioxane	88	10.697	10.697	0.000	93	66663	500.0	553.1	
69 Dibromomethane	93	10.770	10.770	0.000	81	164173	25.0	26.2	
70 Dichlorobromomethane	83	10.910	10.910	0.000	91	298479	25.0	26.7	
71 2-Chloroethyl vinyl ether	63	11.172	11.172	0.000	90	210266	25.0	26.7	
73 cis-1,3-Dichloropropene	75	11.446	11.446	0.000	85	367750	25.0	27.4	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.555	0.000	97	2187543	125.0	135.9	
76 Toluene	92	11.884	11.884	0.000	98	557861	25.0	25.8	
77 Ethyl methacrylate	69	12.115	12.115	0.000	93	334937	25.0	28.0	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	92	348148	25.0	27.5	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	86	194312	25.0	25.8	
80 Tetrachloroethene	166	12.632	12.632	0.000	39	286550	25.0	26.0	
83 2-Hexanone	43	12.638	12.638	0.000	96	1512841	125.0	138.2	
82 1,3-Dichloropropane	76	12.668	12.668	0.000	96	362955	25.0	26.0	
81 Chlorodibromomethane	129	13.009	13.009	0.000	88	279264	25.0	27.8	
85 Ethylene Dibromide	107	13.210	13.210	0.000	99	274273	25.0	26.1	
87 Chlorobenzene	112	13.800	13.800	0.000	95	725195	25.0	26.1	
89 Ethylbenzene	91	13.867	13.867	0.000	57	1039691	25.0	26.7	
88 1,1,1,2-Tetrachloroethane	131	13.885	13.885	0.000	56	277089	25.0	27.2	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	457725	25.0	26.6	
93 o-Xylene	106	14.554	14.554	0.000	93	467287	25.0	26.8	
94 Styrene	104	14.573	14.573	0.000	93	725641	25.0	26.8	
92 Bromoform	173	14.925	14.925	0.000	97	228098	25.0	24.2	
95 Isopropylbenzene	105	14.998	14.998	0.000	94	1099643	25.0	26.1	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	88	367376	25.0	25.9	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	80	140185	25.0	26.9	
100 Bromobenzene	156	15.515	15.515	0.000	83	363171	25.0	25.5	
101 1,2,3-Trichloropropane	110	15.515	15.515	0.000	54	114323	25.0	25.9	
99 N-Propylbenzene	91	15.528	15.528	0.000	90	1219788	25.0	25.9	
103 2-Chlorotoluene	126	15.716	15.716	0.000	96	313945	25.0	26.2	
102 1,3,5-Trimethylbenzene	105	15.728	15.728	0.000	93	928573	25.0	26.3	
105 4-Chlorotoluene	126	15.844	15.844	0.000	96	323538	25.0	26.0	
106 tert-Butylbenzene	134	16.166	16.166	0.000	88	236344	25.0	25.8	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	67	993521	25.0	25.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	94	1157977	25.0	25.7	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	1148741	25.0	26.0	
110 1,3-Dichlorobenzene	146	16.671	16.671	0.000	97	658311	25.0	25.4	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	86	662720	25.0	25.5	
115 n-Butylbenzene	91	17.103	17.103	0.000	93	863826	25.0	25.6	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	98	670071	25.0	25.7	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	84	81663	25.0	26.0	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	91	557788	25.0	25.3	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	91	215684	25.0	25.6	
121 Naphthalene	128	19.707	19.707	0.000	97	1585655	25.0	26.5	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	93	537439	25.0	25.7	

Reagents:

8260 CORP mix_00087	Amount Added: 12.50	Units: uL	
GAS CORP mix_00197	Amount Added: 12.50	Units: uL	
P 8260 IS_00193	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00206	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21663.D

Injection Date: 28-Dec-2016 14:32:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: ICIS 5

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

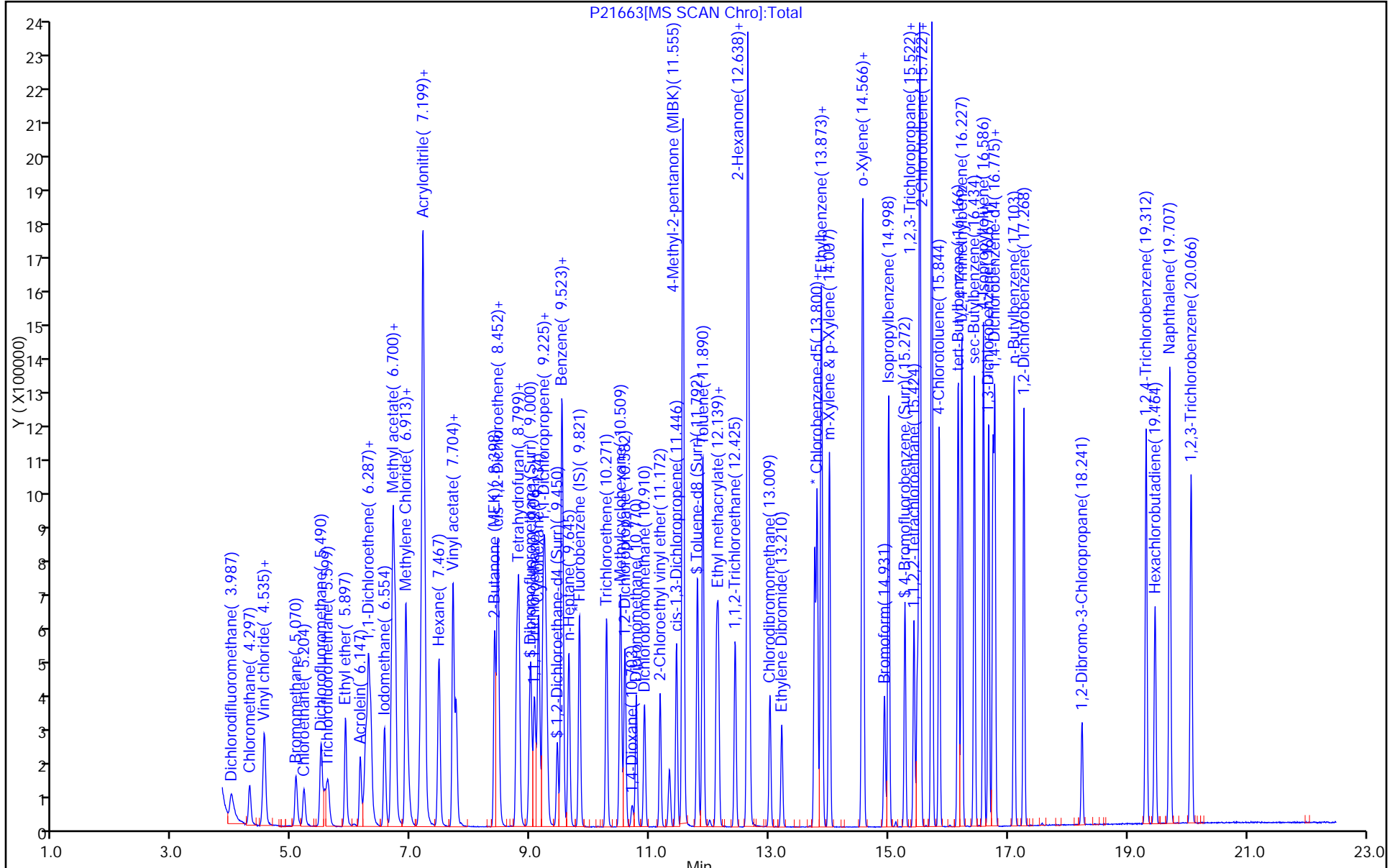
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



P21663[MS SCAN Chro]:Total

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21664.D
 Lims ID: IC 6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 28-Dec-2016 14:59:30 ALS Bottle#: 10 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 6
 Misc. Info.: 480-0059466-010
 Operator ID: RF Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 29-Dec-2016 08:59:34 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK031

First Level Reviewer: youngmans

Date: 28-Dec-2016 18:24:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	99	138290	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.758	13.757	0.001	84	295279	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.745	16.750	-0.005	92	375787	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	94	184280	25.0	24.9	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.450	-0.006	0	104089	25.0	24.5	
\$ 5 Toluene-d8 (Surr)	98	11.793	11.798	-0.005	93	649745	25.0	25.3	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	98	269599	25.0	25.6	
10 Dichlorodifluoromethane	85	3.981	3.993	-0.012	99	437479	50.0	49.1	
11 Chloromethane	50	4.291	4.291	0.000	98	415094	50.0	46.0	
17 Vinyl chloride	62	4.517	4.516	0.001	98	342571	50.0	49.4	
144 Butadiene	54	4.541	4.547	-0.006	86	345388	50.0	46.4	
12 Bromomethane	94	5.064	5.070	-0.006	91	330349	50.0	60.1	
13 Chloroethane	64	5.198	5.204	-0.006	97	314996	50.0	49.7	
19 Dichlorofluoromethane	67	5.484	5.490	-0.006	97	788800	50.0	50.3	
14 Trichlorofluoromethane	101	5.599	5.599	0.000	98	701098	50.0	51.1	
20 Ethyl ether	59	5.891	5.897	-0.006	98	514968	50.0	48.4	
22 Acrolein	56	6.141	6.147	-0.006	98	530411	250.0	251.7	
16 1,1,2-Trichloro-1,2,2-trif	101	6.238	6.244	-0.006	87	446807	50.0	49.4	
25 1,1-Dichloroethene	96	6.281	6.287	-0.006	95	431868	50.0	48.9	
24 Acetone	43	6.317	6.323	-0.006	100	1033775	250.0	243.0	
18 Iodomethane	142	6.549	6.554	-0.006	98	966430	50.0	49.6	
27 Carbon disulfide	76	6.664	6.670	-0.006	100	1333226	50.0	49.0	
30 Methyl acetate	43	6.695	6.700	-0.006	100	2938382	250.0	235.6	
28 3-Chloro-1-propene	41	6.731	6.737	-0.006	85	936073	50.0	47.5	
31 Methylene Chloride	84	6.901	6.907	-0.006	95	484671	50.0	46.2	
33 2-Methyl-2-propanol	59	6.926	6.932	-0.006	97	977753	500.0	509.2	
32 Methyl tert-butyl ether	73	7.157	7.163	-0.006	98	1379438	50.0	49.5	
34 Acrylonitrile	53	7.193	7.199	-0.006	99	3045846	500.0	457.1	
35 trans-1,2-Dichloroethene	96	7.224	7.230	-0.006	94	460184	50.0	47.0	
36 Hexane	57	7.461	7.467	-0.006	92	708345	50.0	47.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.698	7.698	0.000	96	2870787	100.0	99.7	
40 1,1-Dichloroethane	63	7.747	7.753	-0.006	97	888548	50.0	47.9	
44 2-Butanone (MEK)	43	8.392	8.398	-0.006	98	1962552	250.0	244.7	
43 cis-1,2-Dichloroethene	96	8.447	8.452	-0.005	84	540020	50.0	48.4	
45 2,2-Dichloropropane	77	8.453	8.459	-0.006	93	601861	50.0	49.9	
50 Chlorobromomethane	128	8.763	8.769	-0.006	95	296477	50.0	49.8	
51 Tetrahydrofuran	42	8.787	8.793	-0.006	96	539189	100.0	95.0	
49 Chloroform	83	8.799	8.805	-0.006	95	792252	50.0	47.1	
52 1,1,1-Trichloroethane	97	9.061	9.067	-0.006	99	718650	50.0	49.7	
54 Cyclohexane	56	9.128	9.134	-0.006	89	1074774	50.0	50.1	
53 Isobutyl alcohol	43	9.207	9.213	-0.006	97	1176853	1250.0	1365.4	
56 1,1-Dichloropropene	75	9.237	9.243	-0.006	93	534837	50.0	48.2	
55 Carbon tetrachloride	117	9.268	9.274	-0.006	94	625971	50.0	51.0	
57 Benzene	78	9.517	9.517	0.000	97	1597142	50.0	48.5	
60 1,2-Dichloroethane	62	9.542	9.541	0.001	96	736328	50.0	47.5	
59 n-Heptane	43	9.639	9.645	-0.006	96	627839	50.0	43.3	
62 Trichloroethene	95	10.272	10.271	0.001	93	489752	50.0	49.3	
64 Methylcyclohexane	83	10.503	10.509	-0.006	96	703182	50.0	48.9	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	96	523632	50.0	50.1	
68 1,4-Dioxane	88	10.704	10.697	0.007	96	129246	1000.0	1080.6	
69 Dibromomethane	93	10.771	10.770	0.000	90	317498	50.0	50.3	
70 Dichlorobromomethane	83	10.904	10.910	-0.006	98	591036	50.0	52.5	
71 2-Chloroethyl vinyl ether	63	11.172	11.172	0.000	92	414553	50.0	52.2	
73 cis-1,3-Dichloropropene	75	11.446	11.446	0.000	92	730461	50.0	54.0	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.555	-0.006	96	3802926	250.0	238.0	
76 Toluene	92	11.884	11.884	0.000	98	1064752	50.0	49.6	
77 Ethyl methacrylate	69	12.115	12.115	0.000	95	650434	50.0	54.8	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	92	672039	50.0	53.6	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	92	373977	50.0	50.0	
80 Tetrachloroethene	166	12.632	12.632	0.000	96	548361	50.0	50.2	
83 2-Hexanone	43	12.638	12.638	0.000	95	2610823	250.0	240.3	
82 1,3-Dichloropropane	76	12.669	12.668	0.001	98	659694	50.0	47.6	
81 Chlorodibromomethane	129	13.009	13.009	0.000	91	570555	50.0	57.3	
85 Ethylene Dibromide	107	13.210	13.210	0.000	98	546095	50.0	52.3	
87 Chlorobenzene	112	13.800	13.800	0.000	97	1392920	50.0	50.6	
89 Ethylbenzene	91	13.867	13.867	0.000	97	1935964	50.0	50.0	
88 1,1,1,2-Tetrachloroethane	131	13.885	13.885	0.000	94	534395	50.0	52.9	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	873791	50.0	51.2	
93 o-Xylene	106	14.554	14.554	0.000	96	880731	50.0	51.0	
94 Styrene	104	14.573	14.573	0.000	96	1374006	50.0	51.2	
92 Bromoform	173	14.926	14.925	0.001	98	479542	50.0	50.5	
95 Isopropylbenzene	105	14.999	14.998	0.001	95	2090965	50.0	51.3	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	96	702559	50.0	51.3	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	83	275088	50.0	54.6	
100 Bromobenzene	156	15.516	15.515	0.001	87	686428	50.0	49.9	
101 1,2,3-Trichloropropane	110	15.516	15.515	0.001	71	212057	50.0	49.8	
99 N-Propylbenzene	91	15.528	15.528	0.000	97	2228985	50.0	49.0	
103 2-Chlorotoluene	126	15.716	15.716	0.000	98	571246	50.0	49.4	
102 1,3,5-Trimethylbenzene	105	15.723	15.728	-0.005	97	1730754	50.0	50.7	
105 4-Chlorotoluene	126	15.844	15.844	0.000	96	609924	50.0	50.8	
106 tert-Butylbenzene	134	16.167	16.166	0.001	91	461177	50.0	52.1	
107 1,2,4-Trimethylbenzene	105	16.221	16.227	-0.006	95	1871998	50.0	50.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	93	2209037	50.0	50.8	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	2178041	50.0	51.0	
110 1,3-Dichlorobenzene	146	16.672	16.671	0.001	98	1243628	50.0	49.6	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	96	1242816	50.0	49.4	
115 n-Butylbenzene	91	17.104	17.103	0.001	97	1659760	50.0	51.0	
116 1,2-Dichlorobenzene	146	17.262	17.268	-0.006	99	1274790	50.0	50.6	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	92	166503	50.0	54.8	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	1089225	50.0	51.0	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	94	417124	50.0	51.1	
121 Naphthalene	128	19.707	19.707	0.000	97	3037106	50.0	52.5	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	96	1033110	50.0	51.0	
S 125 Total BTEX	1				0			250.3	
S 126 Xylenes, Total	1				0			102.1	
S 123 1,2-Dichloroethene, Total	1				0			95.4	
S 124 1,3-Dichloropropene, Total	1				0			107.6	

Reagents:

8260 CORP mix_00087	Amount Added: 25.00	Units: uL	
GAS CORP mix_00197	Amount Added: 25.00	Units: uL	
P 8260 IS_00193	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00206	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21664.D

Injection Date: 28-Dec-2016 14:59:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: IC 6

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

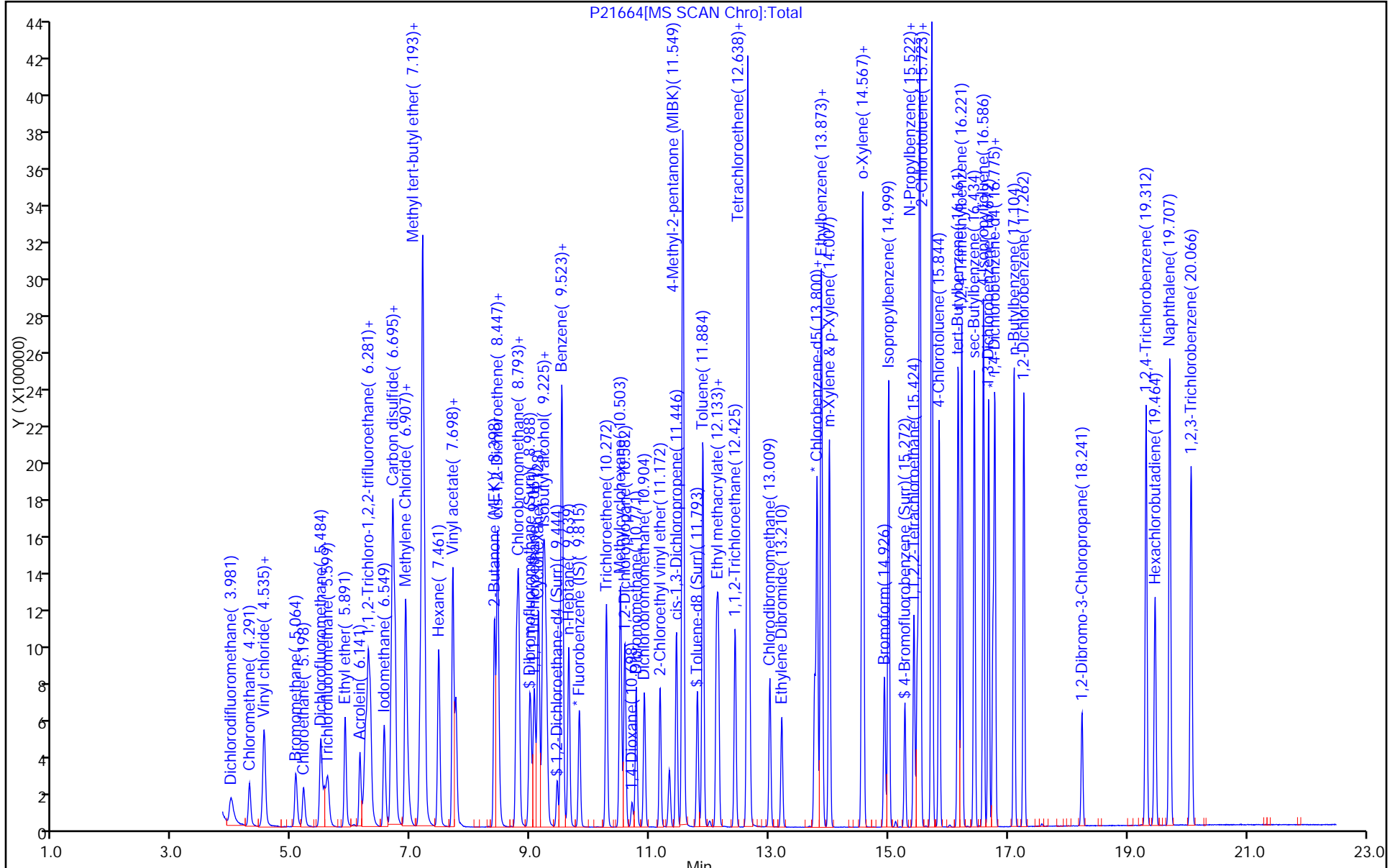
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21665.D
 Lims ID: IC 7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 28-Dec-2016 15:26:30 ALS Bottle#: 11 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 7
 Misc. Info.: 480-0059466-011
 Operator ID: RF Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 29-Dec-2016 08:59:36 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK031

First Level Reviewer: youngmans

Date: 28-Dec-2016 18:35:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	99	136259	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.758	13.757	0.001	84	305622	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.745	16.750	-0.005	91	365191	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.012	9.006	0.006	94	187811	25.0	25.8	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	105060	25.0	25.1	
\$ 5 Toluene-d8 (Surr)	98	11.799	11.798	0.001	93	670400	25.0	25.2	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	278753	25.0	25.6	
10 Dichlorodifluoromethane	85	3.987	3.993	-0.006	99	876138	100.0	99.5	
11 Chloromethane	50	4.304	4.291	0.013	99	799008	100.0	89.9	
17 Vinyl chloride	62	4.529	4.516	0.013	98	659341	100.0	96.4	
144 Butadiene	54	4.553	4.547	0.006	86	680133	100.0	92.7	
12 Bromomethane	94	5.088	5.070	0.018	90	568037	100.0	104.9	
13 Chloroethane	64	5.210	5.204	0.006	98	616366	100.0	98.7	
19 Dichlorofluoromethane	67	5.496	5.490	0.006	97	1511672	100.0	97.9	
14 Trichlorofluoromethane	101	5.599	5.599	0.000	98	1414728	100.0	104.7	
20 Ethyl ether	59	5.898	5.897	0.001	98	1031340	100.0	98.3	
22 Acrolein	56	6.147	6.147	0.000	100	1041580	500.0	501.7	
16 1,1,2-Trichloro-1,2,2-trif	101	6.244	6.244	0.000	87	916935	100.0	102.8	
25 1,1-Dichloroethene	96	6.287	6.287	0.000	95	885859	100.0	101.8	
24 Acetone	43	6.323	6.323	0.000	100	2013369	500.0	480.3	
18 Iodomethane	142	6.555	6.554	0.001	98	1939759	100.0	101.0	
27 Carbon disulfide	76	6.670	6.670	0.000	100	2603577	100.0	97.1	
30 Methyl acetate	43	6.701	6.700	0.001	99	5237966	500.0	426.2	
28 3-Chloro-1-propene	41	6.737	6.737	0.000	84	1768961	100.0	91.1	
31 Methylene Chloride	84	6.907	6.907	0.000	96	956920	100.0	92.6	
33 2-Methyl-2-propanol	59	6.932	6.932	0.000	98	1962313	1000.0	1037.3	
32 Methyl tert-butyl ether	73	7.163	7.163	0.000	98	2698393	100.0	98.3	
34 Acrylonitrile	53	7.199	7.199	0.000	99	5318036	1000.0	810.0	
35 trans-1,2-Dichloroethene	96	7.230	7.230	0.000	95	907171	100.0	94.0	
36 Hexane	57	7.461	7.467	-0.006	91	1469012	100.0	99.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.704	7.698	0.006	97	5318087	200.0	187.4	
40 1,1-Dichloroethane	63	7.753	7.753	0.000	97	1771279	100.0	96.9	
44 2-Butanone (MEK)	43	8.398	8.398	0.000	98	3675860	500.0	465.2	
43 cis-1,2-Dichloroethene	96	8.453	8.452	0.001	84	1078446	100.0	98.2	
45 2,2-Dichloropropane	77	8.453	8.459	-0.006	92	1210414	100.0	101.8	
50 Chlorobromomethane	128	8.769	8.769	0.000	96	602614	100.0	102.8	
51 Tetrahydrofuran	42	8.793	8.793	0.000	94	970232	200.0	173.5	
49 Chloroform	83	8.805	8.805	0.000	95	1573611	100.0	94.9	
52 1,1,1-Trichloroethane	97	9.067	9.067	0.000	99	1487123	100.0	104.4	
54 Cyclohexane	56	9.134	9.134	0.000	89	2156435	100.0	102.0	
53 Isobutyl alcohol	43	9.207	9.213	-0.006	97	2115665	2500.0	2491.2	
56 1,1-Dichloropropene	75	9.237	9.243	-0.006	94	1053808	100.0	96.4	
55 Carbon tetrachloride	117	9.268	9.274	-0.006	95	1296692	100.0	107.3	
57 Benzene	78	9.517	9.517	0.000	97	3055295	100.0	94.2	
60 1,2-Dichloroethane	62	9.542	9.541	0.001	97	1400976	100.0	91.8	
59 n-Heptane	43	9.645	9.645	0.000	96	1220878	100.0	85.4	
62 Trichloroethene	95	10.272	10.271	0.001	93	997914	100.0	101.9	
64 Methylcyclohexane	83	10.509	10.509	0.000	96	1474373	100.0	104.2	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	97	1028935	100.0	99.9	
68 1,4-Dioxane	88	10.697	10.697	0.000	96	247122	2000.0	1996.2	
69 Dibromomethane	93	10.770	10.770	0.000	89	620449	100.0	99.7	
70 Dichlorobromomethane	83	10.904	10.910	-0.006	98	1216518	100.0	109.6	
71 2-Chloroethyl vinyl ether	63	11.172	11.172	0.000	92	815045	100.0	104.2	
73 cis-1,3-Dichloropropene	75	11.446	11.446	0.000	93	1447083	100.0	108.6	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.555	-0.006	94	6393213	500.0	386.6	
76 Toluene	92	11.890	11.884	0.006	99	2098199	100.0	94.4	
77 Ethyl methacrylate	69	12.115	12.115	0.000	93	1241866	100.0	101.0	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	90	1305937	100.0	100.6	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	91	742700	100.0	96.0	
80 Tetrachloroethene	166	12.632	12.632	0.000	97	1062041	100.0	94.0	
83 2-Hexanone	43	12.638	12.638	0.000	93	4125496	500.0	366.9	
82 1,3-Dichloropropane	76	12.669	12.668	0.001	98	1185493	100.0	82.7	
81 Chlorodibromomethane	129	13.009	13.009	0.000	90	1185588	100.0	115.0	
85 Ethylene Dibromide	107	13.210	13.210	0.000	99	1070965	100.0	99.1	
87 Chlorobenzene	112	13.800	13.800	0.000	97	2739341	100.0	96.1	
89 Ethylbenzene	91	13.867	13.867	0.000	97	3653774	100.0	91.2	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.885	-0.006	94	1031167	100.0	98.7	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	1696383	100.0	95.9	
93 o-Xylene	106	14.554	14.554	0.000	96	1686880	100.0	94.3	
94 Styrene	104	14.573	14.573	0.000	96	2572119	100.0	92.6	
92 Bromoform	173	14.926	14.925	0.001	98	1011093	100.0	102.2	
95 Isopropylbenzene	105	14.999	14.998	0.001	95	4072586	100.0	102.8	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	96	1398612	100.0	105.1	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	90	522927	100.0	106.8	
100 Bromobenzene	156	15.516	15.515	0.001	85	1293035	100.0	96.8	
101 1,2,3-Trichloropropane	110	15.510	15.515	-0.005	75	387258	100.0	93.5	
99 N-Propylbenzene	91	15.528	15.528	0.000	97	4128756	100.0	93.4	
103 2-Chlorotoluene	126	15.716	15.716	0.000	98	1057879	100.0	94.1	
102 1,3,5-Trimethylbenzene	105	15.723	15.728	-0.006	97	3208030	100.0	96.8	
105 4-Chlorotoluene	126	15.844	15.844	0.000	96	1170136	100.0	100.2	
106 tert-Butylbenzene	134	16.167	16.166	0.001	90	907680	100.0	105.5	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	95	3551938	100.0	98.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	93	4302430	100.0	101.8	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	4232077	100.0	102.1	
110 1,3-Dichlorobenzene	146	16.678	16.671	0.007	98	2370258	100.0	97.3	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	97	2348121	100.0	96.1	
115 n-Butylbenzene	91	17.103	17.103	0.000	96	3248847	100.0	102.6	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	99	2464293	100.0	100.6	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	93	343365	100.0	116.4	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	2148780	100.0	103.6	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	93	841030	100.0	106.1	
121 Naphthalene	128	19.707	19.707	0.000	97	5712260	100.0	101.7	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	96	1994768	100.0	101.4	
S 125 Total BTEX	1				0			470.1	
S 126 Xylenes, Total	1				0			190.3	
S 123 1,2-Dichloroethene, Total	1				0			192.1	
S 124 1,3-Dichloropropene, Total	1				0			209.2	

Reagents:

8260 CORP mix_00087	Amount Added: 50.00	Units: uL	
GAS CORP mix_00197	Amount Added: 50.00	Units: uL	
P 8260 IS_00193	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00206	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21665.D

Injection Date: 28-Dec-2016 15:26:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: IC 7

Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL

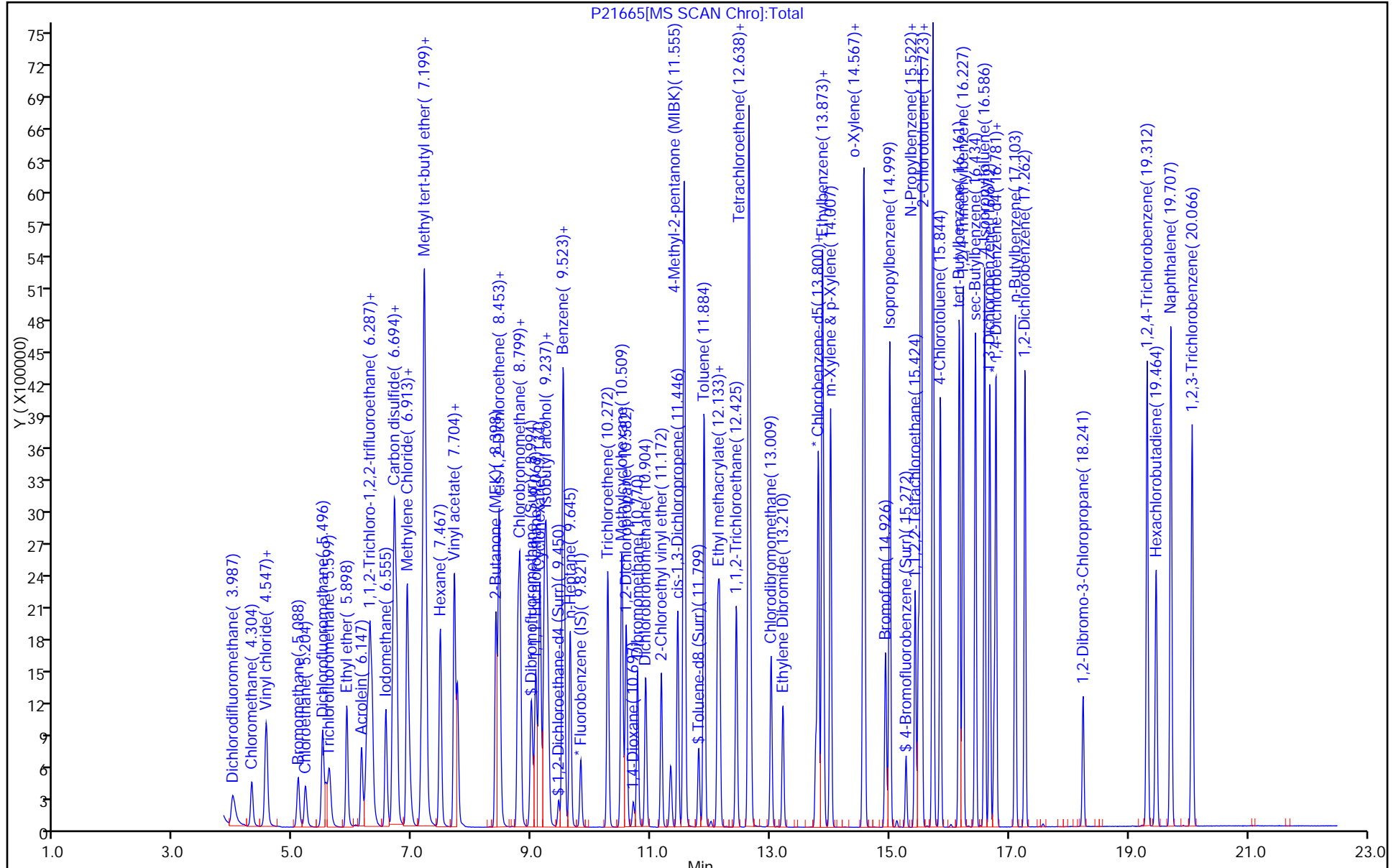
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 340879

SDG No.: _____

Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2017 01:16 Calibration End Date: 01/21/2017 04:01 Calibration ID: 29538

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-340879/10	P22137.D
Level 2	IC 480-340879/11	P22138.D
Level 3	IC 480-340879/12	P22139.D
Level 4	IC 480-340879/13	P22140.D
Level 5	ICIS 480-340879/14	P22141.D
Level 6	IC 480-340879/15	P22142.D
Level 7	IC 480-340879/16	P22143.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Dichlorodifluoromethane	+++++ 1.6137	2.1523 1.5272	1.8634	1.6147	1.7617	Ave	1.7555			0.1000	13.0		20.0				
Chloromethane	+++++ 1.4686	2.2905 1.3926	1.6125	1.4922	1.4613	Lin1	0.9266	1.4081		0.1000				1.0000		0.9900	
Vinyl chloride	1.3115 1.3046	1.4386 1.2300	1.3717	1.2941	1.3316	Ave		1.3260		0.1000	4.9		20.0				
Butadiene	+++++ 1.2973	1.4769 1.1829	1.3552	1.2517	1.2810	Ave		1.3075			7.7		20.0				
Bromomethane	+++++ 0.8972	0.9739 0.7825	0.8024	0.7600	0.7506	Ave		0.8278		0.1000	10.7		20.0				
Chloroethane	0.8730 0.8223	1.1893 0.7855	0.9157	0.7872	0.8138	Ave		0.8838		0.1000	16.1		20.0				
Dichlorofluoromethane	+++++ 3.0577	3.1389 2.6826	3.1208	2.7968	2.8094	Ave		2.9344			6.6		20.0				
Trichlorofluoromethane	+++++ 2.5614	2.5227 2.3916	2.6896	2.3227	2.5398	Ave		2.5046		0.1000	5.2		20.0				
Ethyl ether	+++++ 1.5075	1.5658 1.5063	1.6109	1.6512	1.5374	Ave		1.5632			3.7		20.0				
Acrolein	0.4989 0.4774	0.4141 0.4700	0.4668	0.4903	0.4877	Ave		0.4722			5.9		20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 1.3923	1.4115 1.4225	1.6878	1.5020	1.5476	Ave		1.4940		0.1000	7.5		20.0				
1,1-Dichloroethene	+++++ 1.3537	1.3194 1.3473	1.5204	1.4234	1.4254	Ave		1.3983		0.1000	5.3		20.0				
Acetone	+++++ 0.8814	1.0124 0.8638	0.8848	0.9434	0.9170	Ave		0.9171		0.1000	6.0		20.0				
Iodomethane	+++++ 2.6161	2.4967 2.6394	2.7141	2.7004	2.7203	Ave		2.6478			3.2		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 340879

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2017 01:16

Calibration End Date: 01/21/2017 04:01

Calibration ID: 29538

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Carbon disulfide	++++ 4.3620	3.8362 4.3766	4.7406	4.5930	4.6228	Ave		4.4219		0.1000	7.3		20.0				
Methyl acetate	2.2580 1.9199	2.0543 1.7658	2.0268	2.1238	2.0535	Ave		2.0289		0.1000	7.6		20.0				
Allyl chloride	++++ 2.7740	3.1693 2.7401	3.1241	3.0368	2.9154	Ave		2.9600			6.1		20.0				
Methylene Chloride	5.5132 1.5995	3.3557 1.5526	2.0528	1.9477	1.7400	Lin1	2.0109	1.5693		0.1000				0.9980		0.9900	
2-Methyl-2-propanol	0.3483 0.3698	0.3316 0.3726	0.3387	0.3605	0.3710	Ave		0.3560			4.7		20.0				
Methyl tert-butyl ether	++++ 5.4231	4.9975 5.2450	5.3829	5.5810	5.5337	Ave		5.3605		0.1000	4.0		20.0				
Acrylonitrile	1.0921 0.8921	0.9454 0.8037	0.9564	0.9918	0.9457	Ave		0.9467			9.3		20.0				
trans-1,2-Dichloroethene	++++ 1.4708	1.6444 1.4401	1.6412	1.6142	1.5463	Ave		1.5595		0.1000	5.7		20.0				
Hexane	++++ 1.7408	1.7075 1.8050	2.1291	1.8685	1.9577	Ave		1.8681			8.4		20.0				
Vinyl acetate	4.6806 4.5936	3.9125 4.3259	4.6791	4.8102	4.6809	Ave		4.5261			6.8		20.0				
1,1-Dichloroethane	++++ 2.7343	2.7366 2.7401	3.0206	2.9904	2.8493	Ave		2.8452		0.2000	4.6		20.0				
2-Butanone (MEK)	++++ 1.3627	1.3479 1.3196	1.3928	1.4390	1.4114	Ave		1.3789		0.1000	3.2		20.0				
cis-1,2-Dichloroethene	++++ 1.7374	1.7319 1.7233	1.9061	1.8561	1.7630	Ave		1.7863		0.1000	4.3		20.0				
2,2-Dichloropropane	++++ 2.1045	2.0824 2.0899	2.3231	2.1953	2.2328	Ave		2.1713			4.4		20.0				
Chlorobromomethane	++++ 0.8510	0.8339 0.8448	0.8764	0.9194	0.8629	Ave		0.8647			3.5		20.0				
Tetrahydrofuran	++++ 0.8410	0.9523 0.8141	0.8820	0.9088	0.8780	Ave		0.8794			5.6		20.0				
Chloroform	++++ 2.7531	3.0438 2.7331	2.8946	2.9662	2.8392	Ave		2.8717		0.2000	4.2		20.0				
1,1,1-Trichloroethane	++++ 2.4925	2.4183 2.5606	2.6340	2.5441	2.5728	Ave		2.5371		0.1000	2.9		20.0				
Cyclohexane	3.1189 2.8606	2.5797 2.9555	3.3276	3.0093	3.1035	Ave		2.9936		0.1000	7.8		20.0				
Isobutyl alcohol	++++ 0.1500	0.1043 0.1449	0.1166	0.1346	0.1456	Ave		0.1327			13.8		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 340879

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2017 01:16

Calibration End Date: 01/21/2017 04:01

Calibration ID: 29538

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,1-Dichloropropene	++++ 1.9148	1.7740 1.9161	2.2852	2.0087	2.0985	Ave		1.9995			8.8		20.0				
Carbon tetrachloride	2.2753 2.1624	1.9224 2.1753	2.3115	2.1963	2.2484	Ave		2.1845		0.1000	5.8		20.0				
Benzene	++++ 5.6841	5.8490 5.5658	6.1448	6.1093	5.8910	Ave		5.8740		0.5000	3.9		20.0				
1,2-Dichloroethane	++++ 2.7340	2.8526 2.6567	2.8769	2.8780	2.8397	Ave		2.8063		0.1000	3.2		20.0				
n-Heptane	++++ 1.7267	2.4751 1.7643	2.0929	1.8238	1.8730	Ave		1.9593			14.5		20.0				
Trichloroethene	++++ 1.5914	1.6000 1.6336	1.6766	1.6549	1.6490	Ave		1.6342		0.2000	2.0		20.0				
Methylcyclohexane	2.3936 2.1728	1.9599 2.2279	2.4721	2.2474	2.3419	Ave		2.2594		0.1000	7.4		20.0				
1,2-Dichloropropane	++++ 1.5637	1.4506 1.5709	1.5686	1.6178	1.5862	Ave		1.5596		0.1000	3.6		20.0				
1,4-Dioxane	++++ 0.0127	0.0108 0.0132	0.0126	0.0129	0.0132	Ave		0.0125			7.1		20.0				
Dibromomethane	++++ 1.1553	1.0622 1.1625	1.1563	1.1594	1.1954	Ave		1.1485		0.1000	3.9		20.0				
Bromodichloromethane	1.9137 2.0614	1.7626 2.1260	1.8941	1.9667	2.0477	Ave		1.9675		0.2000	6.2		20.0				
2-Chloroethyl vinyl ether	1.0656 1.2835	0.9833 1.2846	1.0618	1.1675	1.2526	Ave		1.1570			10.5		20.0				
cis-1,3-Dichloropropene	2.5043 2.5692	1.9517 2.6307	2.3509	2.5571	2.5940	Ave		2.4511		0.2000	9.7		20.0				
4-Methyl-2-pentanone (MIBK)	1.2717 1.2262	1.2053 1.0497	1.2935	1.3462	1.3500	Ave		1.2489		0.1000	8.3		20.0				
Toluene	++++ 1.7994	1.8942 1.7834	1.9753	1.9413	1.8974	Ave		1.8818		0.4000	4.1		20.0				
Ethyl methacrylate	++++ 1.0890	0.7097 1.0914	0.9371	1.0166	1.1309	Ave		0.9958			15.7		20.0				
trans-1,3-Dichloropropene	++++ 1.1891	1.0370 1.1827	1.1552	1.1707	1.2319	Ave		1.1611		0.1000	5.7		20.0				
1,1,2-Trichloroethane	++++ 0.6037	0.6660 0.5918	0.6110	0.6104	0.6111	Ave		0.6157		0.1000	4.2		20.0				
Tetrachloroethene	++++ 0.6470	0.7067 0.6395	0.7785	0.7127	0.7061	Ave		0.6984		0.2000	7.3		20.0				
2-Hexanone	0.8765 0.8786	0.7981 0.7507	0.9314	0.9676	0.9716	Ave		0.8821		0.1000	9.5		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 340879

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2017 01:16

Calibration End Date: 01/21/2017 04:01

Calibration ID: 29538

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,3-Dichloropropane	++++ 1.1694	1.2587 1.1003	1.3330	1.2987	1.2600	Ave		1.2367			7.0		20.0				
Dibromochloromethane	++++ 0.8177	0.5549 0.8446	0.6967	0.7351	0.8116	Ave		0.7434		0.1000	14.5		20.0				
1,2-Dibromoethane	0.7119 0.7809	0.6682 0.7898	0.7584	0.7845	0.8068	Ave		0.7572			6.6		20.0				
Chlorobenzene	++++ 2.1187	2.3272 2.0971	2.2770	2.2452	2.2644	Ave		2.2216		0.5000	4.2		20.0				
Ethylbenzene	++++ 3.3481	3.5194 3.2016	3.7662	3.6337	3.6428	Ave		3.5186		0.1000	6.0		20.0				
1,1,1,2-Tetrachloroethane	0.8050 0.7688	0.6777 0.7523	0.7903	0.7876	0.8023	Ave		0.7691			5.8		20.0				
m,p-Xylene	++++ 1.2543	1.2594 1.2456	1.3707	1.3198	1.3531	Ave		1.3005		0.1000	4.2		20.0				
o-Xylene	1.3846 1.2676	1.1961 1.2349	1.3333	1.3701	1.3763	Ave		1.3090		0.3000	5.8		20.0				
Styrene	2.0036 2.0984	1.6950 2.0360	2.0825	2.1134	2.1967	Ave		2.0322		0.3000	7.9		20.0				
Bromoform	++++ 0.5472	0.3585 0.5831	0.4134	0.4694	0.5217	Ave		0.4822		0.1000	17.6		20.0				
Isopropylbenzene	3.4606 3.3258	2.8137 3.3380	3.5224	3.4680	3.5399	Ave		3.3526		0.1000	7.5		20.0				
1,1,2,2-Tetrachloroethane	1.1637 1.1382	0.9787 1.1685	1.1497	1.1435	1.1508	Ave		1.1276		0.3000	5.9		20.0				
trans-1,4-Dichloro-2-butene	0.4022 0.4150	0.2957 0.4307	0.3945	0.4030	0.4306	Ave		0.3959			11.7		20.0				
Bromobenzene	++++ 0.8840	0.8846 0.8624	0.9633	0.9257	0.9463	Ave		0.9110			4.4		20.0				
1,2,3-Trichloropropane	++++ 0.3338	0.3207 0.3175	0.3621	0.3545	0.3572	Ave		0.3410			5.7		20.0				
N-Propylbenzene	4.3826 4.0084	3.6691 3.7483	4.6228	4.3180	4.4134	Ave		4.1661			8.7		20.0				
2-Chlorotoluene	++++ 0.7877	0.8038 0.7771	0.9023	0.8609	0.8524	Ave		0.8307			5.9		20.0				
1,3,5-Trimethylbenzene	2.7809 2.8194	2.6224 2.7252	3.1024	2.9526	3.0227	Ave		2.8608			6.0		20.0				
4-Chlorotoluene	0.8562 0.8347	0.8025 0.8390	0.9453	0.8943	0.9017	Ave		0.8677			5.6		20.0				
tert-Butylbenzene	0.6611 0.6330	0.5623 0.6463	0.6720	0.6330	0.6774	Ave		0.6407			6.1		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 340879
 SDG No.: _____
 Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 01/21/2017 01:16 Calibration End Date: 01/21/2017 04:01 Calibration ID: 29538

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,2,4-Trimethylbenzene	3.1170 3.0552	2.7459 2.9974	3.2489	3.1884	3.2221	Ave		3.0821			5.6		20.0				
sec-Butylbenzene	3.7281 3.5293	3.2841 3.4755	3.8627	3.6037	3.7719	Ave		3.6079			5.5		20.0				
4-Isopropyltoluene	3.3516 3.1635	2.9533 3.1251	3.3477	3.2516	3.3476	Ave		3.2201			4.6		20.0				
1,3-Dichlorobenzene	++++ 1.7746	1.7571 1.7773	1.9235	1.8790	1.8934	Ave		1.8342		0.6000	3.9		20.0				
1,4-Dichlorobenzene	++++ 1.7909	1.8974 1.7833	1.9485	1.9272	1.8953	Ave		1.8738		0.5000	3.7		20.0				
n-Butylbenzene	++++ 2.9048	2.7930 2.9176	3.1583	2.9508	3.1062	Ave		2.9718			4.6		20.0				
1,2-Dichlorobenzene	++++ 1.8390	1.7600 1.8368	1.9504	1.9210	1.9161	Ave		1.8705		0.4000	3.8		20.0				
1,2-Dibromo-3-Chloropropane	++++ 0.3054	0.3067 0.3314	0.2815	0.2775	0.3070	Ave		0.3016		0.0500	6.5		20.0				
1,2,4-Trichlorobenzene	1.2351 1.2117	1.2760 1.2524	1.2588	1.2431	1.2819	Ave		1.2513		0.2000	1.9		20.0				
Hexachlorobutadiene	++++ 0.3504	0.3446 0.3649	0.3649	0.3465	0.3638	Ave		0.3558			2.7		20.0				
Naphthalene	4.3141 4.2640	3.9109 4.1328	4.0499	4.2294	4.4759	Ave		4.1967			4.4		20.0				
1,2,3-Trichlorobenzene	++++ 1.1555	1.0899 1.1711	1.1605	1.1701	1.1998	Ave		1.1578			3.2		20.0				
Dibromofluoromethane (Surr)	1.2207 1.2251	1.1798 1.2331	1.1671	1.2538	1.1871	Ave		1.2095			2.6		20.0				
1,2-Dichloroethane-d4 (Surr)	0.8503 0.8313	0.8071 0.8386	0.8100	0.8446	0.8176	Ave		0.8285			2.1		20.0				
Toluene-d8 (Surr)	2.0587 2.0508	2.1366 2.0723	2.0618	2.0846	2.0700	Ave		2.0764			1.4		20.0				
4-Bromofluorobenzene (Surr)	0.5990 0.6020	0.6006 0.6059	0.5977	0.6130	0.6002	Ave		0.6026			0.9		20.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 340879

SDG No.: _____

Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2017 01:16 Calibration End Date: 01/21/2017 04:01 Calibration ID: 29538

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-340879/10	P22137.D
Level 2	IC 480-340879/11	P22138.D
Level 3	IC 480-340879/12	P22139.D
Level 4	IC 480-340879/13	P22140.D
Level 5	ICIS 480-340879/14	P22141.D
Level 6	IC 480-340879/15	P22142.D
Level 7	IC 480-340879/16	P22143.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
Dichlorodifluoromethane	FB	Ave	++++ 939782	24867 1794118	110494	185342	513846	++++ 50.0	1.00 100	5.00	10.0	25.0
Chloromethane	FB	Lin1	++++ 855285	26463 1635970	95617	171286	426226	++++ 50.0	1.00 100	5.00	10.0	25.0
Vinyl chloride	FB	Ave	7370 759753	16621 1444966	81338	148543	388395	0.500 50.0	1.00 100	5.00	10.0	25.0
Butadiene	FB	Ave	++++ 755481	17063 1389688	80362	143681	373626	++++ 50.0	1.00 100	5.00	10.0	25.0
Bromomethane	FB	Ave	++++ 522515	11252 919320	47582	87241	218928	++++ 50.0	1.00 100	5.00	10.0	25.0
Chloroethane	FB	Ave	4906 478906	13740 922813	54298	90355	237352	0.500 50.0	1.00 100	5.00	10.0	25.0
Dichlorofluoromethane	FB	Ave	++++ 1780703	36265 3151490	185059	321035	819421	++++ 50.0	1.00 100	5.00	10.0	25.0
Trichlorofluoromethane	FB	Ave	++++ 1491658	29146 2809637	159491	266613	740789	++++ 50.0	1.00 100	5.00	10.0	25.0
Ethyl ether	FB	Ave	++++ 877886	18091 1769553	95524	189534	448417	++++ 50.0	1.00 100	5.00	10.0	25.0
Acrolein	FB	Ave	14019 1390129	23923 2760983	138412	281390	711276	2.50 250	5.00 500	25.0	50.0	125
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 810848	16308 1671154	100083	172406	451401	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1-Dichloroethene	FB	Ave	++++ 788330	15244 1582756	90155	163389	415745	++++ 50.0	1.00 100	5.00	10.0	25.0
Acetone	FB	Ave	++++ 2566511	58482 5073634	262342	541419	1337269	++++ 250	5.00 500	25.0	50.0	125
Iodomethane	FB	Ave	++++ 1523500	28846 3100768	160939	309964	793434	++++ 50.0	1.00 100	5.00	10.0	25.0
Carbon disulfide	FB	Ave	++++ 2540276	44321 5141556	281108	527214	1348325	++++ 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 340879

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2017 01:16

Calibration End Date: 01/21/2017 04:01

Calibration ID: 29538

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	63446 5590350	118669 10372395	600942	1218928	2994729	2.50 250	5.00 500	25.0	50.0	125
Allyl chloride	FB	Ave	++++ 1615465	36617 3218980	185256	348582	850342	++++ 50.0	1.00 100	5.00	10.0	25.0
Methylene Chloride	FB	Lin1	30982 931466	38770 1824019	121730	223574	507500	0.500 50.0	1.00 100	5.00	10.0	25.0
2-Methyl-2-propanol	FB	Ave	19571 2153486	38306 4377448	200845	413751	1081951	5.00 500	10.0 1000	50.0	100	250
Methyl tert-butyl ether	FB	Ave	++++ 3158235	57739 6161710	319195	640621	1614021	++++ 50.0	1.00 100	5.00	10.0	25.0
Acrylonitrile	FB	Ave	61371 5195043	109229 9441611	567136	1138488	2758420	5.00 500	10.0 1000	50.0	100	250
trans-1,2-Dichloroethene	FB	Ave	++++ 856524	18999 1691809	97319	185287	451017	++++ 50.0	1.00 100	5.00	10.0	25.0
Hexane	FB	Ave	++++ 1013773	19727 2120465	126254	214480	570996	++++ 50.0	1.00 100	5.00	10.0	25.0
Vinyl acetate	FB	Ave	52606 5350293	90405 10163984	554930	1104283	2730553	1.00 100	2.00 200	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 1592342	31617 3219018	179119	343253	831057	++++ 50.0	1.00 100	5.00	10.0	25.0
2-Butanone (MEK)	FB	Ave	++++ 3967962	77867 7751186	412951	825889	2058295	++++ 250	5.00 500	25.0	50.0	125
cis-1,2-Dichloroethene	FB	Ave	++++ 1011813	20009 2024540	113026	213050	514209	++++ 50.0	1.00 100	5.00	10.0	25.0
2,2-Dichloropropane	FB	Ave	++++ 1225588	24059 2455214	137756	251991	651248	++++ 50.0	1.00 100	5.00	10.0	25.0
Chlorobromomethane	FB	Ave	++++ 495563	9635 992402	51972	105530	251685	++++ 50.0	1.00 100	5.00	10.0	25.0
Tetrahydrofuran	FB	Ave	++++ 979581	22005 1912898	104606	208645	512177	++++ 100	2.00 200	10.0	20.0	50.0
Chloroform	FB	Ave	++++ 1603314	35167 3210805	171644	340483	828121	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,1-Trichloroethane	FB	Ave	++++ 1451546	27940 3008149	156192	292026	750410	++++ 50.0	1.00 100	5.00	10.0	25.0
Cyclohexane	FB	Ave	17527 1665892	29805 3472073	197324	345431	905187	0.500 50.0	1.00 100	5.00	10.0	25.0
Isobutyl alcohol	FB	Ave	++++ 2184500	30138 4256918	172872	386257	1061471	++++ 1250	25.0 2500	125	250	625
1,1-Dichloropropene	FB	Ave	++++ 1115112	20496 2250998	135506	230568	612054	++++ 50.0	1.00 100	5.00	10.0	25.0
Carbon tetrachloride	FB	Ave	12786 1259315	22210 2555469	137071	252104	655777	0.500 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 340879

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2017 01:16

Calibration End Date: 01/21/2017 04:01

Calibration ID: 29538

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzene	FB	Ave	++++ 3310205	67576 6538659	364375	701261	1718224	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichloroethane	FB	Ave	++++ 1592184	32957 3121069	170594	330350	828238	++++ 50.0	1.00 100	5.00	10.0	25.0
n-Heptane	FB	Ave	++++ 1005570	28596 2072627	124104	209344	546296	++++ 50.0	1.00 100	5.00	10.0	25.0
Trichloroethene	FB	Ave	++++ 926789	18485 1919148	99418	189957	480954	++++ 50.0	1.00 100	5.00	10.0	25.0
Methylcyclohexane	FB	Ave	13451 1265379	22644 2617349	146590	257968	683053	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichloropropane	FB	Ave	++++ 910615	16760 1845418	93014	185703	462649	++++ 50.0	1.00 100	5.00	10.0	25.0
1,4-Dioxane	CBNZ d5	Ave	++++ 309747	4839 646718	29987	60283	156003	++++ 1000	20.0 2000	100	200	500
Dibromomethane	FB	Ave	++++ 672794	12272 1365721	68568	133080	348660	++++ 50.0	1.00 100	5.00	10.0	25.0
Bromodichloromethane	FB	Ave	10754 1200506	20364 2497584	112319	225748	597237	0.500 50.0	1.00 100	5.00	10.0	25.0
2-Chloroethyl vinyl ether	FB	Ave	5988 747440	11361 1509184	62966	134009	365334	0.500 50.0	1.00 100	5.00	10.0	25.0
cis-1,3-Dichloropropene	FB	Ave	14073 1496212	22549 3090520	139403	293521	756591	0.500 50.0	1.00 100	5.00	10.0	25.0
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	72053 7476745	134971 12884588	771788	1578856	3994769	2.50 250	5.00 500	25.0	50.0	125
Toluene	CBNZ d5	Ave	++++ 2194298	42424 4378015	235711	455349	1122917	++++ 50.0	1.00 100	5.00	10.0	25.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 1328069	15894 2679275	111829	238449	669287	++++ 50.0	1.00 100	5.00	10.0	25.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1450055	23225 2903450	137856	274597	729047	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 736162	14916 1452780	72917	143183	361643	++++ 50.0	1.00 100	5.00	10.0	25.0
Tetrachloroethene	CBNZ d5	Ave	++++ 789053	15828 1569863	92894	167177	417860	++++ 50.0	1.00 100	5.00	10.0	25.0
2-Hexanone	CBNZ d5	Ave	49662 5357454	89379 9213931	555727	1134849	2874944	2.50 250	5.00 500	25.0	50.0	125
1,3-Dichloropropane	CBNZ d5	Ave	++++ 1426030	28191 2701010	159069	304631	745689	++++ 50.0	1.00 100	5.00	10.0	25.0
Dibromochloromethane	CBNZ d5	Ave	++++ 997160	12429 2073279	83135	172422	480336	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dibromoethane	CBNZ d5	Ave	8067 952302	14965 1938834	90502	184021	477482	0.500 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo

Job No.: 480-112334-1

Analy Batch No.: 340879

SDG No.: _____

Instrument ID: HP5973P

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2017 01:16

Calibration End Date: 01/21/2017 04:01

Calibration ID: 29538

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBNZ d5	Ave	++++ 2583723	52121 5148015	271718	526640	1340130	++++ 50.0	1.00 100	5.00	10.0	25.0
Ethylbenzene	CBNZ d5	Ave	++++ 4082918	78824 7859355	449427	852329	2155872	++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	9122 937573	15179 1846692	94304	184743	474787	0.500 50.0	1.00 100	5.00	10.0	25.0
m,p-Xylene	CBNZ d5	Ave	++++ 1529538	28207 3057732	163566	309581	800810	++++ 50.0	1.00 100	5.00	10.0	25.0
o-Xylene	CBNZ d5	Ave	15691 1545772	26789 3031436	159108	321359	814510	0.500 50.0	1.00 100	5.00	10.0	25.0
Styrene	CBNZ d5	Ave	22705 2559017	37963 4997978	248507	495723	1300042	0.500 50.0	1.00 100	5.00	10.0	25.0
Bromoform	CBNZ d5	Ave	++++ 667296	8030 1431438	49336	110091	308722	++++ 50.0	1.00 100	5.00	10.0	25.0
Isopropylbenzene	DCBd 4	Ave	40657 3984517	66513 7846344	421896	825114	2086257	0.500 50.0	1.00 100	5.00	10.0	25.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	13672 1363608	23135 2746695	137713	272068	678257	0.500 50.0	1.00 100	5.00	10.0	25.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	4725 497180	6989 1012514	47252	95872	253784	0.500 50.0	1.00 100	5.00	10.0	25.0
Bromobenzene	DCBd 4	Ave	++++ 1059089	20910 2027056	115386	220242	557711	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 399926	7581 746376	43376	84352	210513	++++ 50.0	1.00 100	5.00	10.0	25.0
N-Propylbenzene	DCBd 4	Ave	51489 4802240	86733 8810704	553709	1027352	2601089	0.500 50.0	1.00 100	5.00	10.0	25.0
2-Chlorotoluene	DCBd 4	Ave	++++ 943709	19001 1826629	108077	204820	502374	++++ 50.0	1.00 100	5.00	10.0	25.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	32671 3377804	61991 6405938	371596	702495	1781487	0.500 50.0	1.00 100	5.00	10.0	25.0
4-Chlorotoluene	DCBd 4	Ave	10059 1000059	18971 1972099	113221	212772	531432	0.500 50.0	1.00 100	5.00	10.0	25.0
tert-Butylbenzene	DCBd 4	Ave	7767 758421	13292 1519210	80491	150612	399240	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	36620 3660250	64911 7045645	389144	758606	1898981	0.500 50.0	1.00 100	5.00	10.0	25.0
sec-Butylbenzene	DCBd 4	Ave	43800 4228291	77632 8169509	462662	857415	2222988	0.500 50.0	1.00 100	5.00	10.0	25.0
4-Isopropyltoluene	DCBd 4	Ave	39377 3790045	69814 7345910	400982	773645	1972929	0.500 50.0	1.00 100	5.00	10.0	25.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 2126113	41537 4177653	230392	447071	1115885	++++ 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1 Analy Batch No.: 340879

SDG No.: _____

Instrument ID: HP5973P GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2017 01:16 Calibration End Date: 01/21/2017 04:01 Calibration ID: 29538

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 2145614	44853 4191830	233389	458521	1116998	++++ 50.0	1.00 100	5.00	10.0	25.0
n-Butylbenzene	DCBd 4	Ave	++++ 3480125	66023 6857983	378293	702067	1830666	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 2203196	41604 4317451	233612	457059	1129296	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 365887	7251 778909	33713	66014	180924	++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	14511 1451670	30164 2943964	150770	295770	755515	0.500 50.0	1.00 100	5.00	10.0	25.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 419764	8146 857621	43703	82446	214426	++++ 50.0	1.00 100	5.00	10.0	25.0
Naphthalene	DCBd 4	Ave	50684 5108533	92449 9714575	485084	1006271	2637906	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 1384302	25765 2752717	139005	278404	707093	++++ 50.0	1.00 100	5.00	10.0	25.0
Dibromofluoromethane (Surr)	FB	Ave	342985 356719	340774 362160	346047	359798	346226	25.0 25.0	25.0 25.0	25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	238929 242055	233117 246299	240152	242376	238477	25.0 25.0	25.0 25.0	25.0	25.0	25.0
Toluene-d8 (Surr)	CBNZ d5	Ave	1166492 1250464	1196325 1271814	1230217	1222393	1225044	25.0 25.0	25.0 25.0	25.0	25.0	25.0
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	339399 367067	336313 371822	356614	359472	355233	25.0 25.0	25.0 25.0	25.0	25.0	25.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 21-Jan-2017 01:16:30 ALS Bottle#: 12 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC
 Misc. Info.: 480-0059910-010
 Operator ID: SO Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 00:26:06 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: goliszekg

Date: 23-Jan-2017 09:27:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	98	280979	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.763	-0.006	88	566607	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.750	0.000	98	587428	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.012	9.006	0.006	92	342985	25.0	25.2	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.444	0.006	0	238929	25.0	25.7	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.798	-0.006	94	1166492	25.0	24.8	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	339399	25.0	24.8	
10 Dichlorodifluoromethane	85	3.987	3.981	0.006	12	5927	0.5000	0.3004	
11 Chloromethane	50	4.267	4.285	-0.018	73	11323	0.5000	0.0574	
17 Vinyl chloride	62	4.504	4.510	-0.006	30	7370	0.5000	0.4945	
144 Butadiene	54	4.535	4.535	0.000	74	5358	0.5000	0.3646	M
12 Bromomethane	94	5.058	5.058	0.000	77	6717	0.5000	0.7220	M
13 Chloroethane	64	5.210	5.198	0.012	44	4906	0.5000	0.4939	M
19 Dichlorofluoromethane	67	5.484	5.484	0.000	95	13520	0.5000	0.4099	M
14 Trichlorofluoromethane	101	5.599	5.599	0.000	28	9533	0.5000	0.3386	M
20 Ethyl ether	59	5.897	5.891	0.006	94	10451	0.5000	0.5949	M
22 Acrolein	56	6.147	6.147	0.000	91	14019	2.50	2.64	
16 1,1,2-Trichloro-1,2,2-trif	101	6.232	6.238	-0.006	37	10492	0.5000	0.6249	M
25 1,1-Dichloroethene	96	6.293	6.281	0.012	95	8726	0.5000	0.5553	
24 Acetone	43	6.323	6.317	0.006	100	33959	2.50	3.29	M
18 Iodomethane	142	6.554	6.548	0.006	97	16600	0.5000	0.5578	
27 Carbon disulfide	76	6.658	6.664	-0.006	99	29446	0.5000	0.5925	
30 Methyl acetate	43	6.700	6.694	0.006	98	63446	2.50	2.78	
28 3-Chloro-1-propene	41	6.737	6.731	0.006	83	21064	0.5000	0.6332	
31 Methylene Chloride	84	6.913	6.901	0.012	98	30982	0.5000	0.4752	
33 2-Methyl-2-propanol	59	6.925	6.926	-0.001	54	19571	5.00	4.89	
32 Methyl tert-butyl ether	73	7.169	7.163	0.006	97	31904	0.5000	0.5295	
34 Acrylonitrile	53	7.211	7.193	0.018	95	61371	5.00	5.77	
35 trans-1,2-Dichloroethene	96	7.230	7.230	0.000	97	12372	0.5000	0.7059	
36 Hexane	57	7.461	7.461	0.000	94	12858	0.5000	0.6124	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.704	7.698	0.006	97	52606	1.00	1.03	M
40 1,1-Dichloroethane	63	7.753	7.747	0.006	95	19768	0.5000	0.6182	
44 2-Butanone (MEK)	43	8.404	8.398	0.006	98	46005	2.50	2.97	
43 cis-1,2-Dichloroethene	96	8.452	8.446	0.006	83	12479	0.5000	0.6216	
45 2,2-Dichloropropane	77	8.459	8.452	0.007	64	14962	0.5000	0.6131	M
50 Chlorobromomethane	128	8.763	8.763	0.000	94	5195	0.5000	0.5345	
51 Tetrahydrofuran	42	8.793	8.793	0.000	75	10882	1.00	1.10	M
49 Chloroform	83	8.811	8.805	0.006	92	20713	0.5000	0.6418	
52 1,1,1-Trichloroethane	97	9.067	9.061	0.006	89	15848	0.5000	0.5558	
54 Cyclohexane	56	9.128	9.134	-0.006	79	17527	0.5000	0.5209	M
53 Isobutyl alcohol	43	9.213	9.213	0.000	47	10501	12.5	7.04	
56 1,1-Dichloropropene	75	9.237	9.237	0.000	91	12694	0.5000	0.5649	M
55 Carbon tetrachloride	117	9.268	9.268	0.000	76	12786	0.5000	0.5208	
57 Benzene	78	9.523	9.517	0.006	47	40922	0.5000	0.6199	
60 1,2-Dichloroethane	62	9.541	9.541	0.000	94	18570	0.5000	0.5888	M
59 n-Heptane	43	9.627	9.645	-0.018	78	19676	0.5000	0.8935	
62 Trichloroethene	95	10.259	10.271	-0.012	41	11193	0.5000	0.6094	
64 Methylcyclohexane	83	10.509	10.503	0.006	92	13451	0.5000	0.5297	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	81	9572	0.5000	0.5461	M
68 1,4-Dioxane	88	10.709	10.697	0.012	0	2538	10.0	8.93	M
69 Dibromomethane	93	10.770	10.770	0.000	88	7222	0.5000	0.5595	
70 Dichlorobromomethane	83	10.898	10.904	-0.006	93	10754	0.5000	0.4863	M
71 2-Chloroethyl vinyl ether	63	11.172	11.172	0.000	87	5988	0.5000	0.4605	
73 cis-1,3-Dichloropropene	75	11.446	11.446	0.000	92	14073	0.5000	0.5108	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.549	0.006	97	72053	2.50	2.55	
76 Toluene	92	11.890	11.884	0.006	81	24339	0.5000	0.5707	
77 Ethyl methacrylate	69	12.115	12.115	0.000	76	8724	0.5000	0.3866	
78 trans-1,3-Dichloropropene	75	12.139	12.145	-0.006	95	11144	0.5000	0.4235	
79 1,1,2-Trichloroethane	83	12.419	12.425	-0.006	88	8209	0.5000	0.5883	
80 Tetrachloroethene	166	12.632	12.632	0.000	45	9776	0.5000	0.6176	
83 2-Hexanone	43	12.644	12.638	0.006	96	49662	2.50	2.48	
82 1,3-Dichloropropane	76	12.668	12.662	0.006	95	15835	0.5000	0.5650	
81 Chlorodibromomethane	129	13.003	13.009	-0.006	90	7274	0.5000	0.4317	
85 Ethylene Dibromide	107	13.210	13.204	0.006	91	8067	0.5000	0.4701	
87 Chlorobenzene	112	13.806	13.800	0.006	94	29908	0.5000	0.5940	
89 Ethylbenzene	91	13.867	13.867	0.000	98	45186	0.5000	0.5666	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.879	0.000	44	9122	0.5000	0.5233	
90 m-Xylene & p-Xylene	106	14.001	14.007	-0.006	0	16259	0.5000	0.5516	
93 o-Xylene	106	14.548	14.554	-0.006	96	15691	0.5000	0.5289	
94 Styrene	104	14.573	14.573	0.000	91	22705	0.5000	0.4930	
92 Bromoform	173	14.925	14.925	0.000	87	3941	0.5000	0.3606	M
95 Isopropylbenzene	105	14.992	14.998	-0.006	97	40657	0.5000	0.5161	
97 1,1,2,2-Tetrachloroethane	83	15.430	15.424	0.006	95	13672	0.5000	0.5160	M
98 trans-1,4-Dichloro-2-buten	53	15.467	15.479	-0.012	16	4725	0.5000	0.5079	
101 1,2,3-Trichloropropane	110	15.522	15.516	0.006	63	4825	0.5000	0.6022	
100 Bromobenzene	156	15.522	15.516	0.006	89	11609	0.5000	0.5423	
99 N-Propylbenzene	91	15.528	15.528	0.000	92	51489	0.5000	0.5260	
103 2-Chlorotoluene	126	15.716	15.716	0.000	93	10839	0.5000	0.5553	
102 1,3,5-Trimethylbenzene	105	15.722	15.722	0.000	84	32671	0.5000	0.4860	
105 4-Chlorotoluene	126	15.844	15.844	0.000	97	10059	0.5000	0.4934	
106 tert-Butylbenzene	134	16.160	16.166	-0.006	91	7767	0.5000	0.5159	
107 1,2,4-Trimethylbenzene	105	16.233	16.227	0.006	97	36620	0.5000	0.5057	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	94	43800	0.5000	0.5167	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	95	39377	0.5000	0.5204	
110 1,3-Dichlorobenzene	146	16.671	16.677	-0.006	96	24677	0.5000	0.5726	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	89	25881	0.5000	0.5878	
115 n-Butylbenzene	91	17.103	17.103	0.000	97	42337	0.5000	0.6063	
116 1,2-Dichlorobenzene	146	17.268	17.262	0.006	95	23437	0.5000	0.5332	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	70	5362	0.5000	0.7567	M
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	90	14511	0.5000	0.4935	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	80	4705	0.5000	0.5627	
121 Naphthalene	128	19.713	19.707	0.006	97	50684	0.5000	0.5140	
122 1,2,3-Trichlorobenzene	180	20.072	20.066	0.006	90	14562	0.5000	0.5353	
S 126 Xylenes, Total	1				0			1.08	
S 123 1,2-Dichloroethene, Total	1				0			1.33	
S 124 1,3-Dichloropropene, Total	1				0			0.9343	
S 125 Total BTEX	1				0			2.84	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00091

Amount Added: 0.50

Units: uL

GAS CORP mix_00201

Amount Added: 0.50

Units: uL

P 8260 IS_00196

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00208

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D

Injection Date: 21-Jan-2017 01:16:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: IC

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

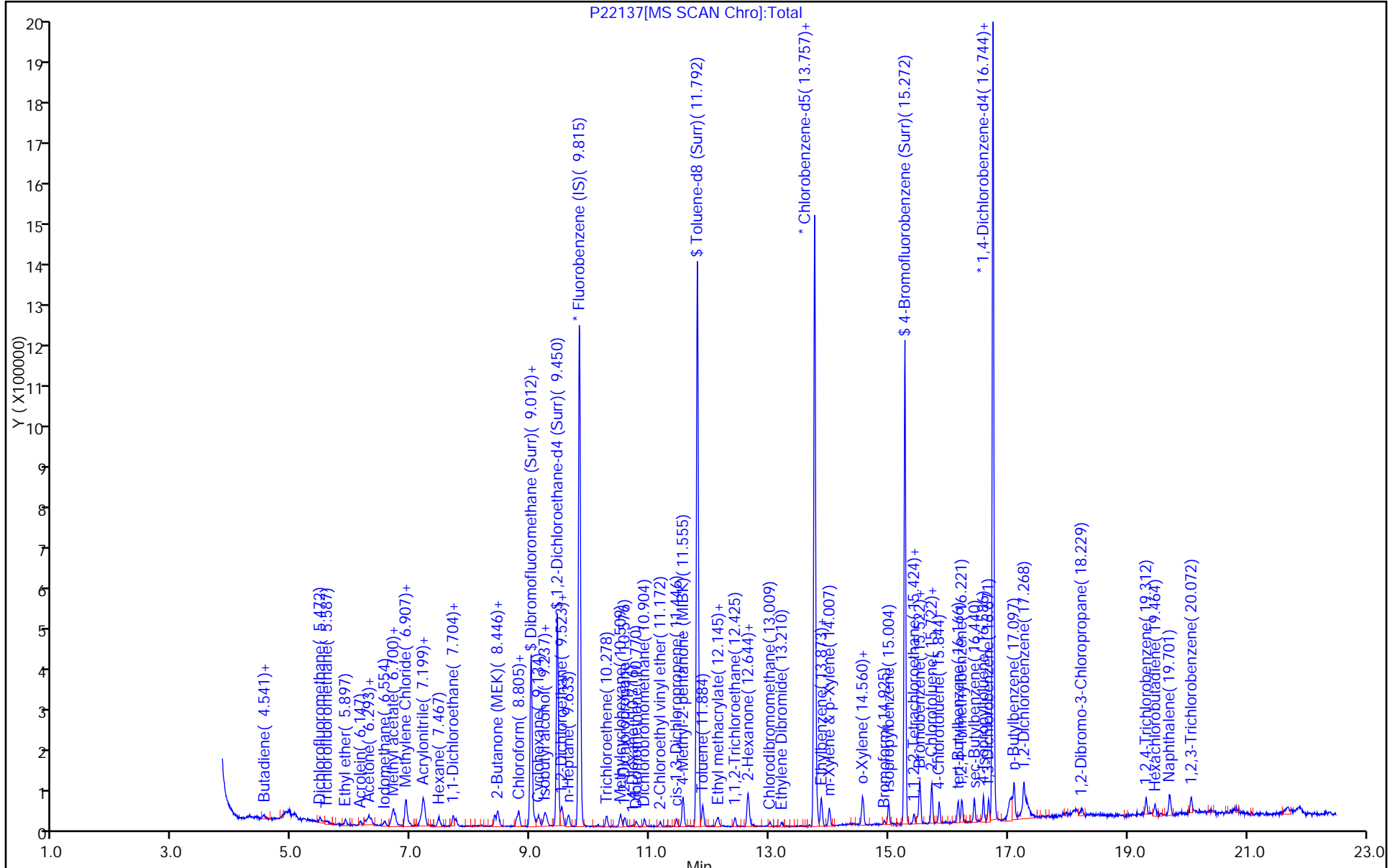
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



P22137[MS SCAN Chro]:Total

TestAmerica Buffalo

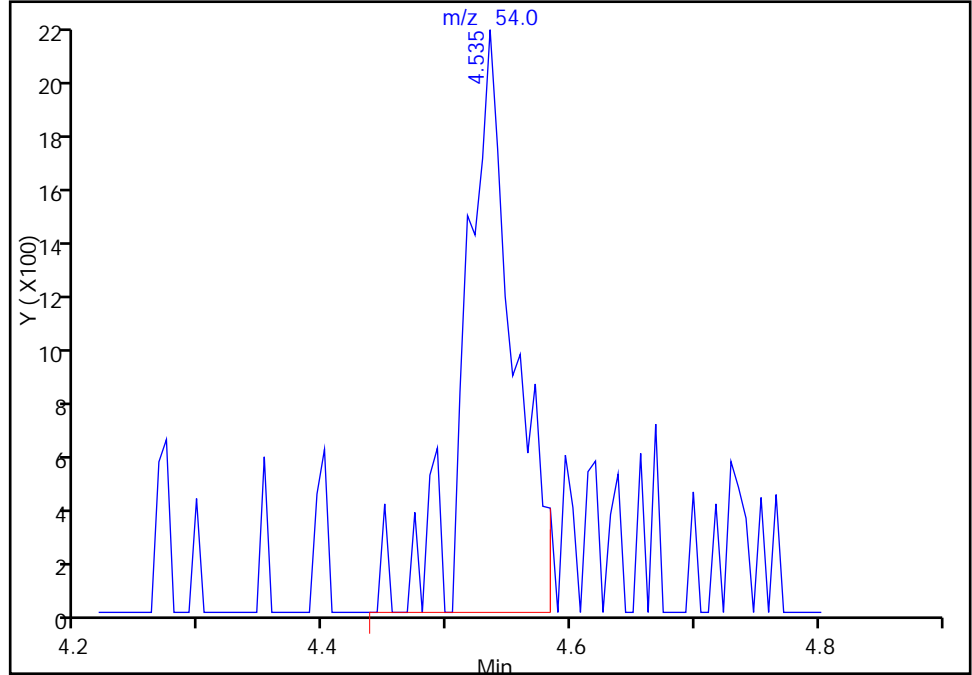
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Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

144 Butadiene, CAS: 106-99-0

Signal: 1

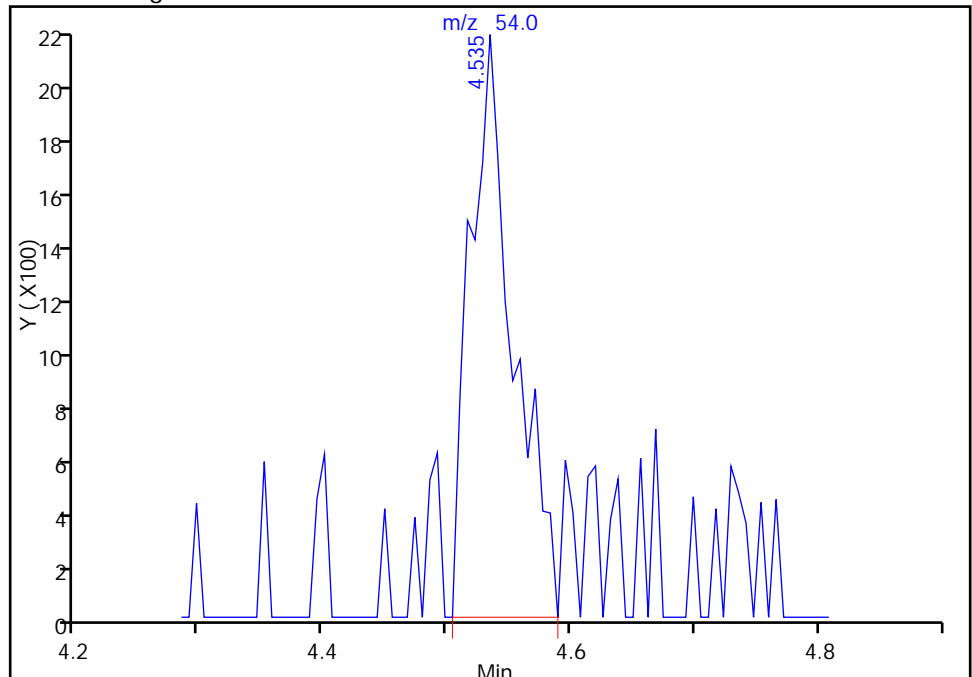
RT: 4.53
Area: 6058
Amount: 0.419011
Amount Units: ug/L

Processing Integration Results



RT: 4.53
Area: 5358
Amount: 0.364609
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:51:11
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

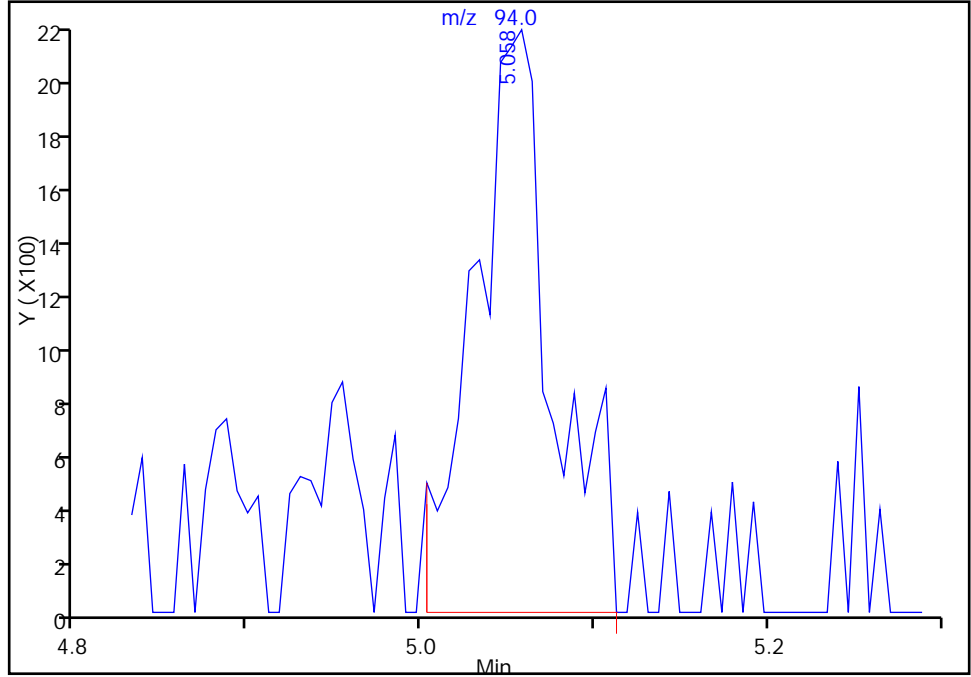
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Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

12 Bromomethane, CAS: 74-83-9

Signal: 1

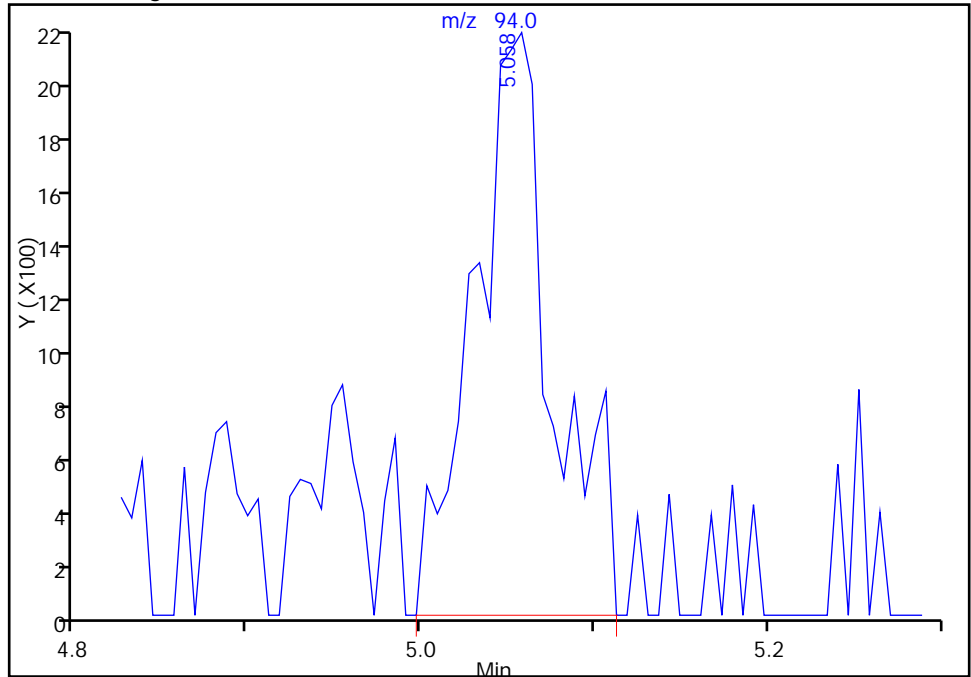
RT: 5.06
Area: 6717
Amount: 0.714503
Amount Units: ug/L

Processing Integration Results



RT: 5.06
Area: 6717
Amount: 0.721975
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:52:23
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

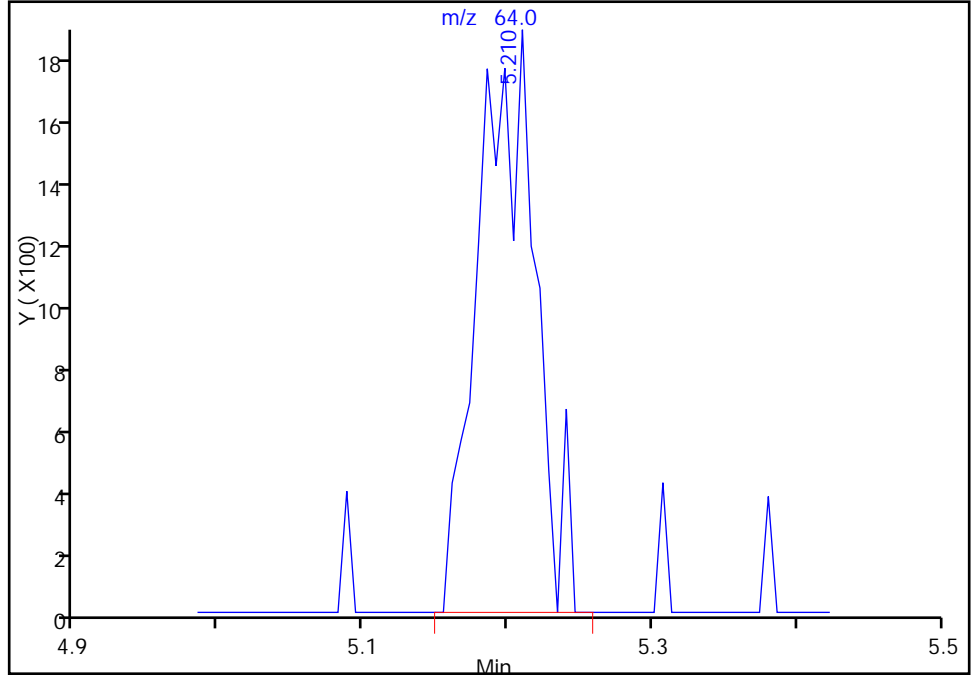
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Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

13 Chloroethane, CAS: 75-00-3

Signal: 1

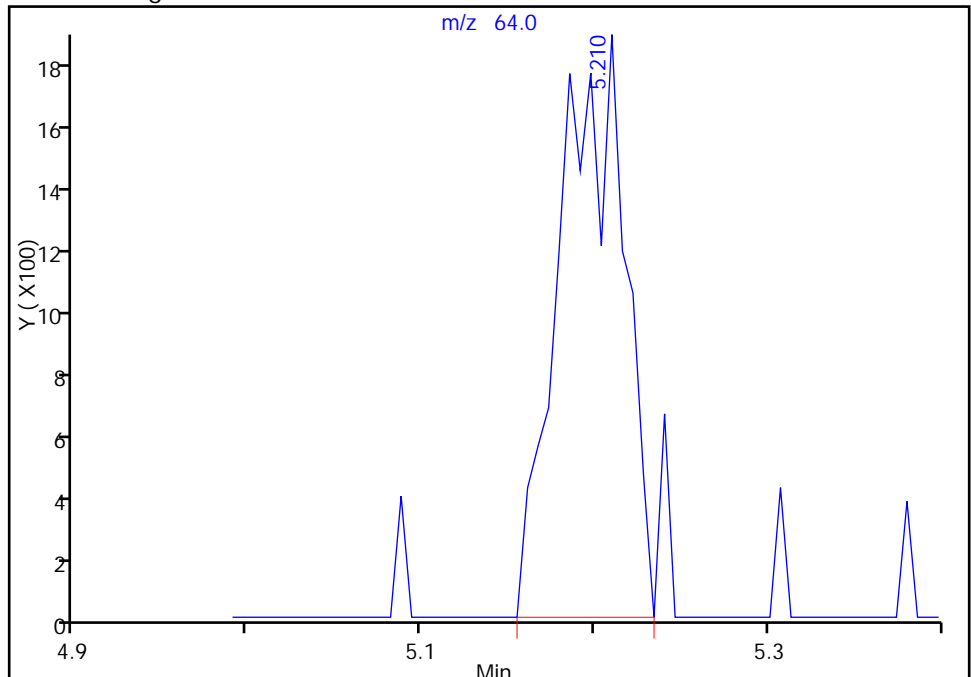
RT: 5.21
Area: 5144
Amount: 0.514328
Amount Units: ug/L

Processing Integration Results



RT: 5.21
Area: 4906
Amount: 0.493889
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:52:23
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

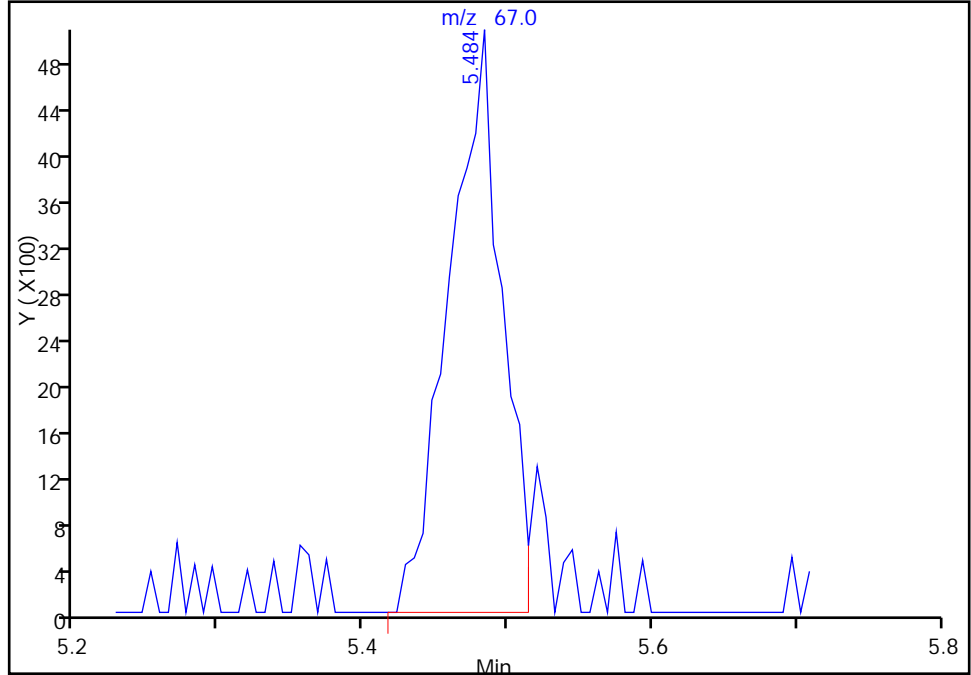
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Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

19 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

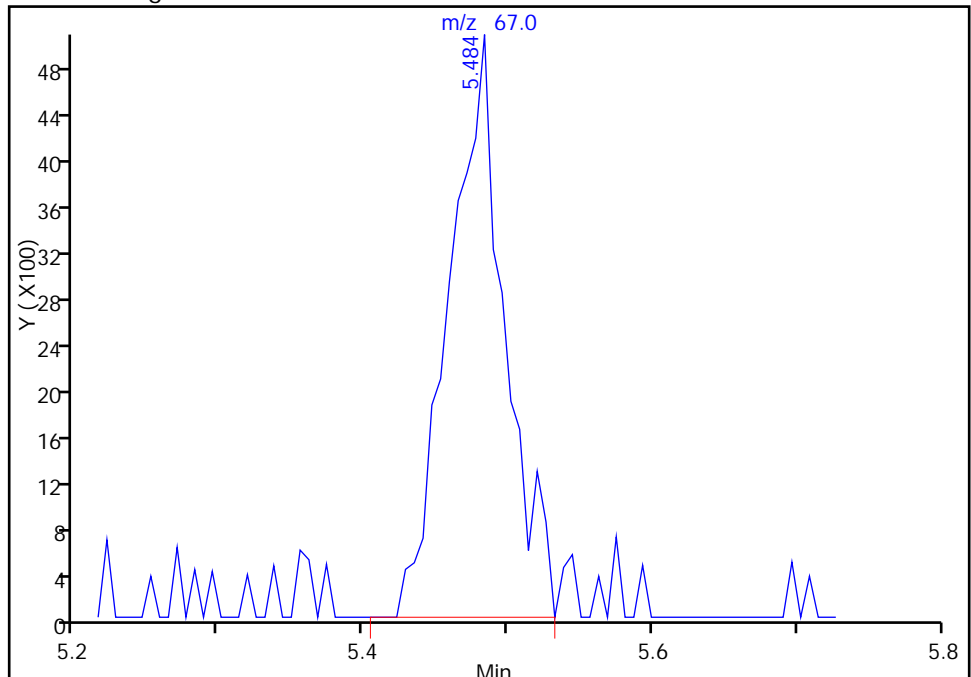
RT: 5.48
Area: 12761
Amount: 0.386932
Amount Units: ug/L

Processing Integration Results



RT: 5.48
Area: 13520
Amount: 0.409947
Amount Units: ug/L

Manual Integration Results



Reviewer: goliszekg, 23-Jan-2017 09:37:05
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

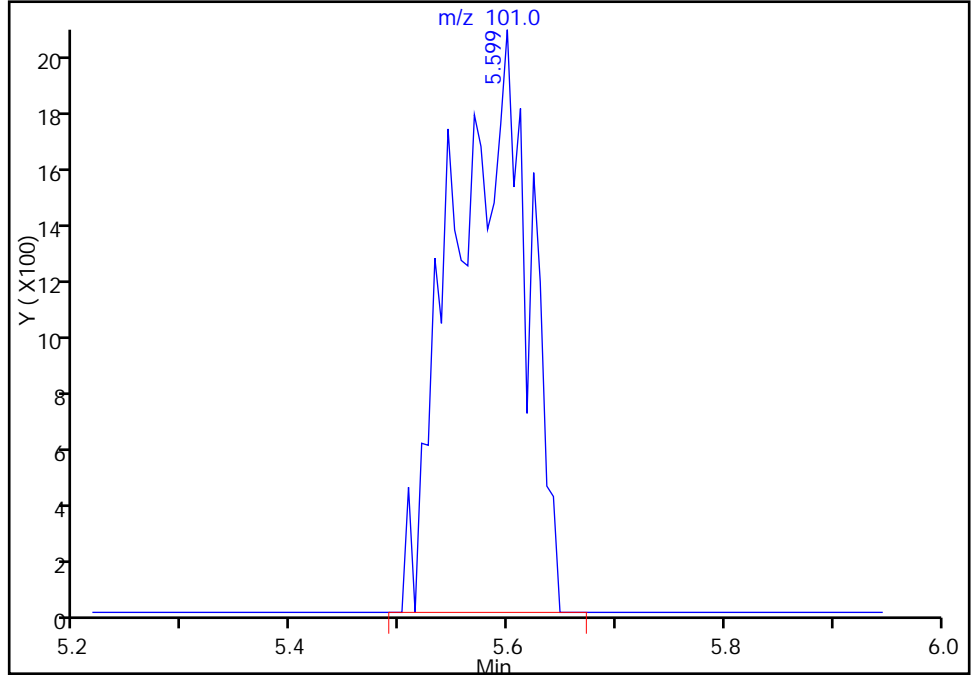
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

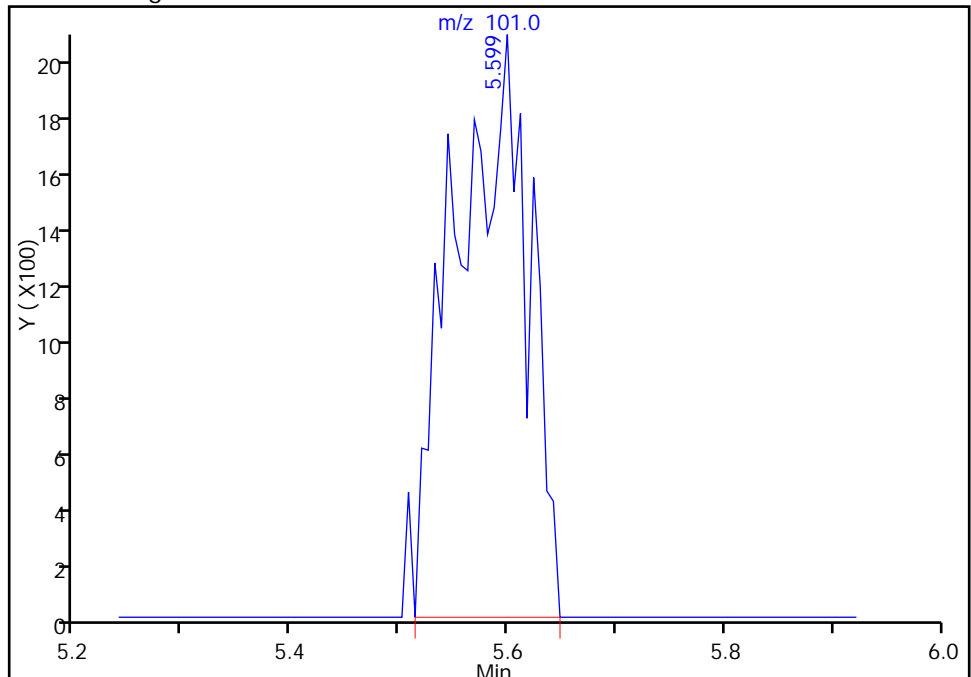
RT: 5.60
Area: 9692
Amount: 0.360327
Amount Units: ug/L

Processing Integration Results



RT: 5.60
Area: 9533
Amount: 0.338649
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:52:23
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

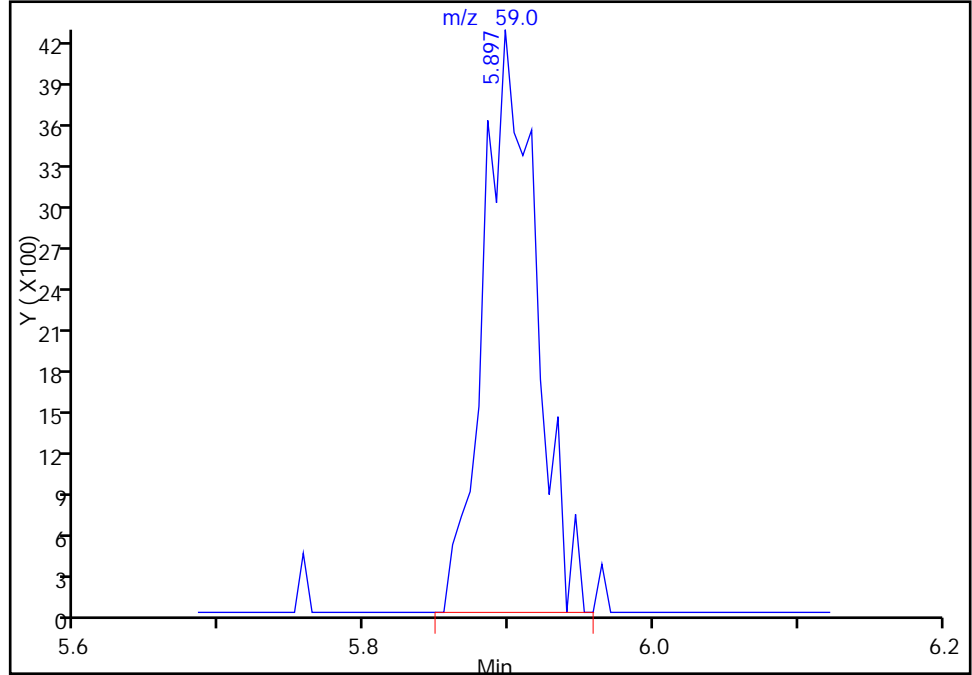
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

20 Ethyl ether, CAS: 60-29-7

Signal: 1

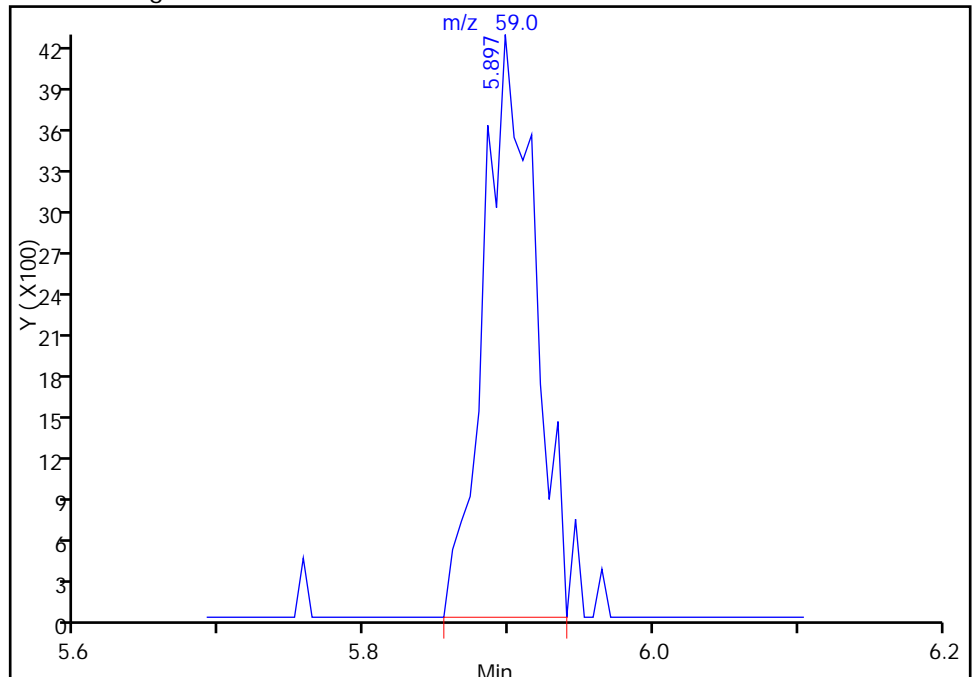
RT: 5.90
Area: 10711
Amount: 0.591616
Amount Units: ug/L

Processing Integration Results



RT: 5.90
Area: 10451
Amount: 0.594859
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:52:23
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

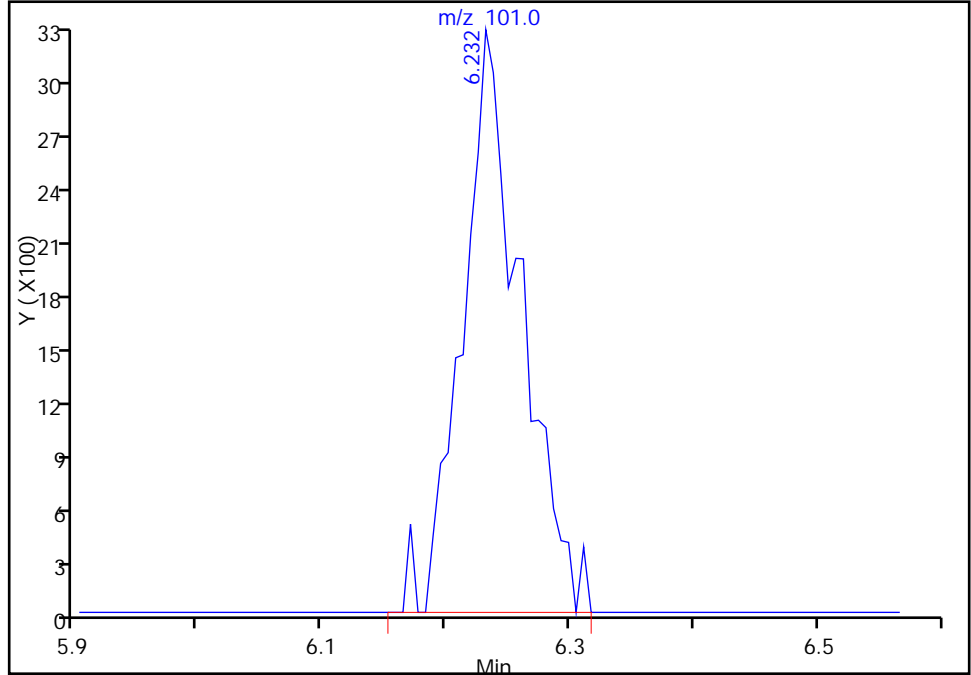
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

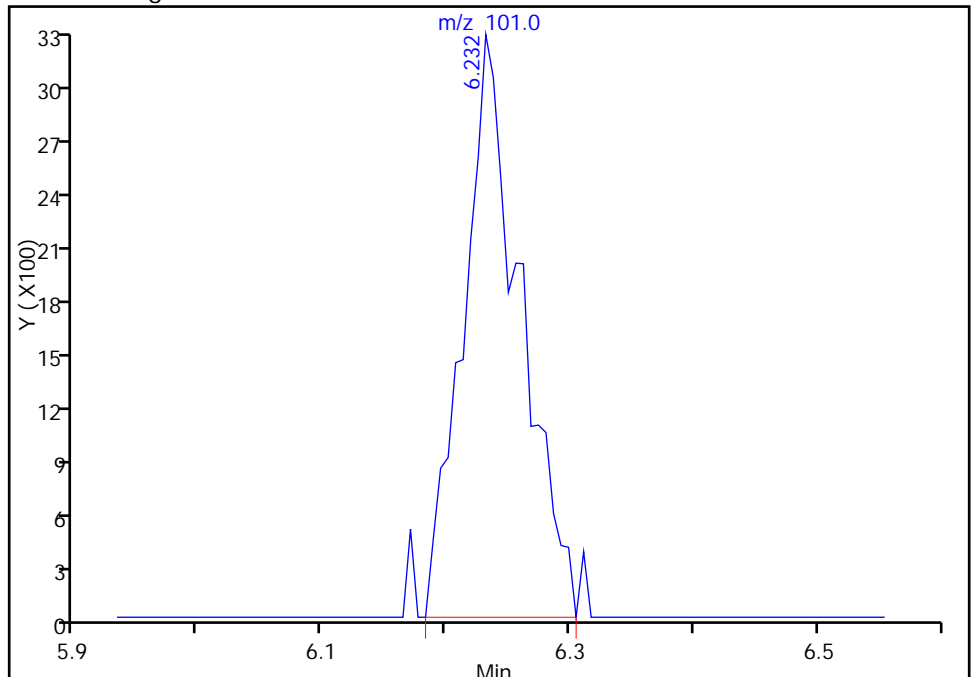
RT: 6.23
Area: 10805
Amount: 0.618158
Amount Units: ug/L

Processing Integration Results



RT: 6.23
Area: 10492
Amount: 0.624862
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:52:23
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

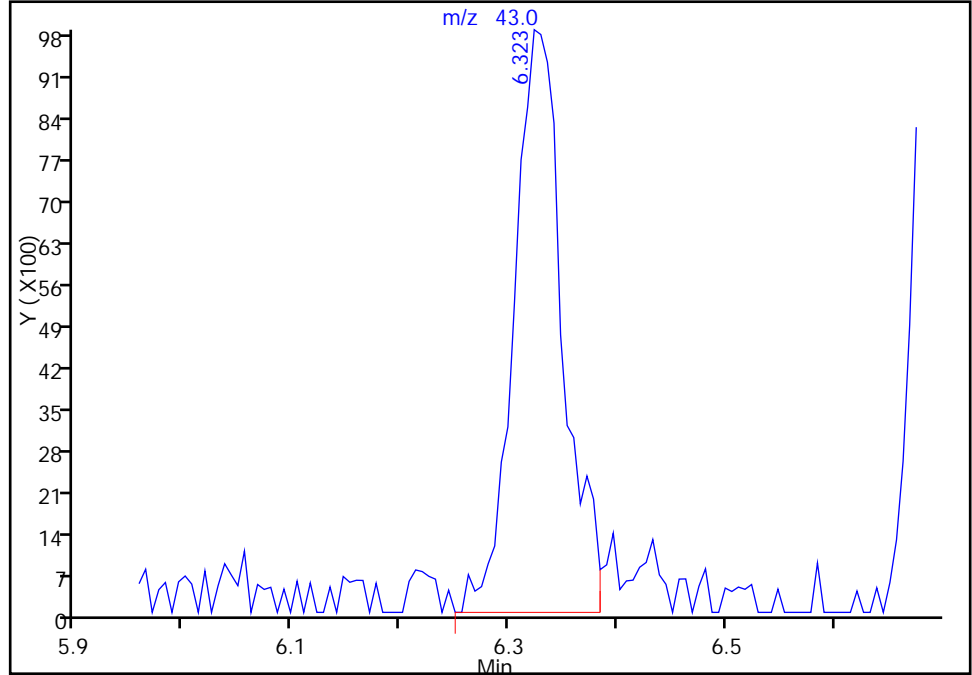
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

Signal: 1

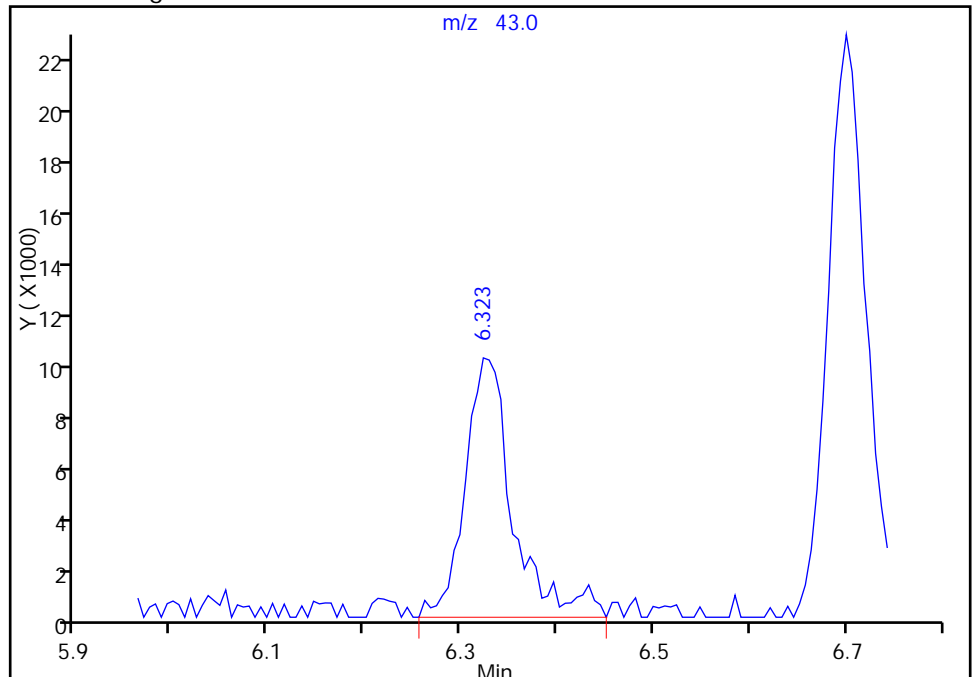
RT: 6.32
Area: 31197
Amount: 2.938187
Amount Units: ug/L

Processing Integration Results



RT: 6.32
Area: 33959
Amount: 3.294560
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:53:25
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

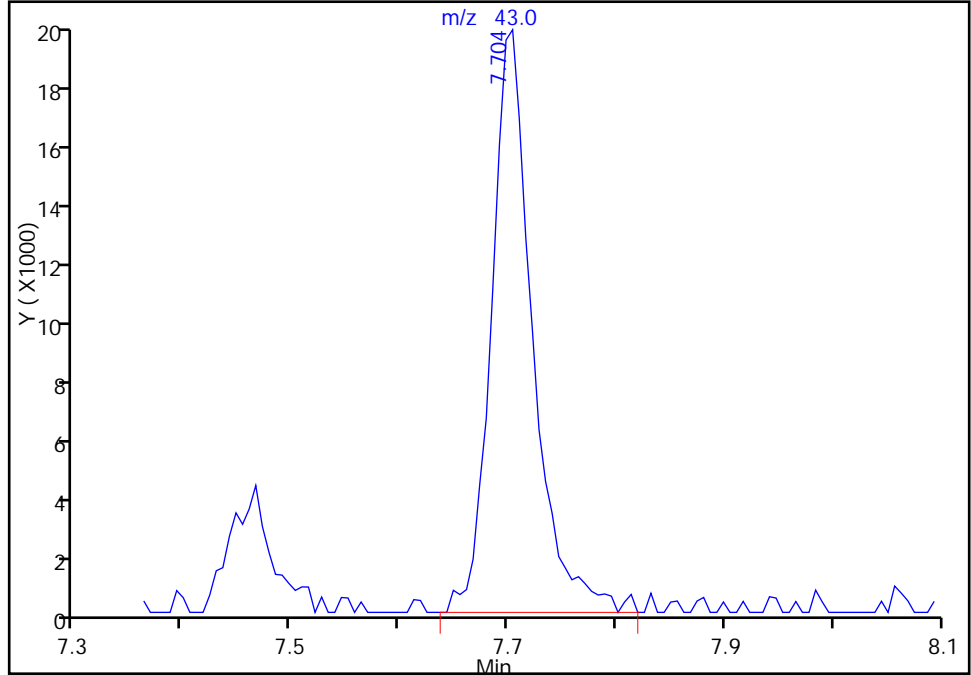
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

38 Vinyl acetate, CAS: 108-05-4

Signal: 1

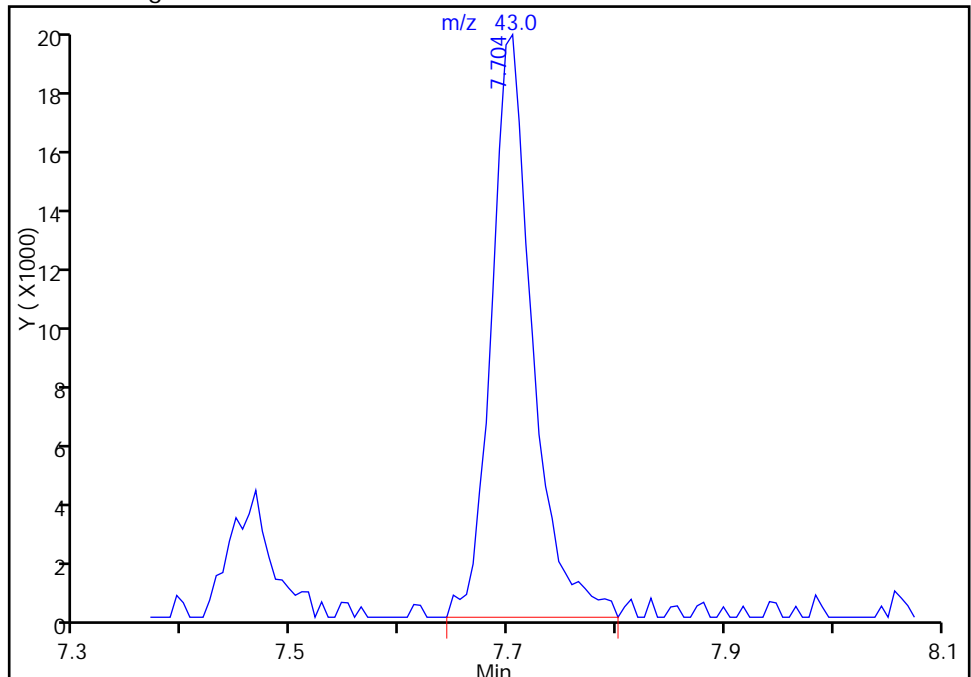
RT: 7.70
Area: 52959
Amount: 1.040041
Amount Units: ug/L

Processing Integration Results



RT: 7.70
Area: 52606
Amount: 1.034133
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:54:48
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

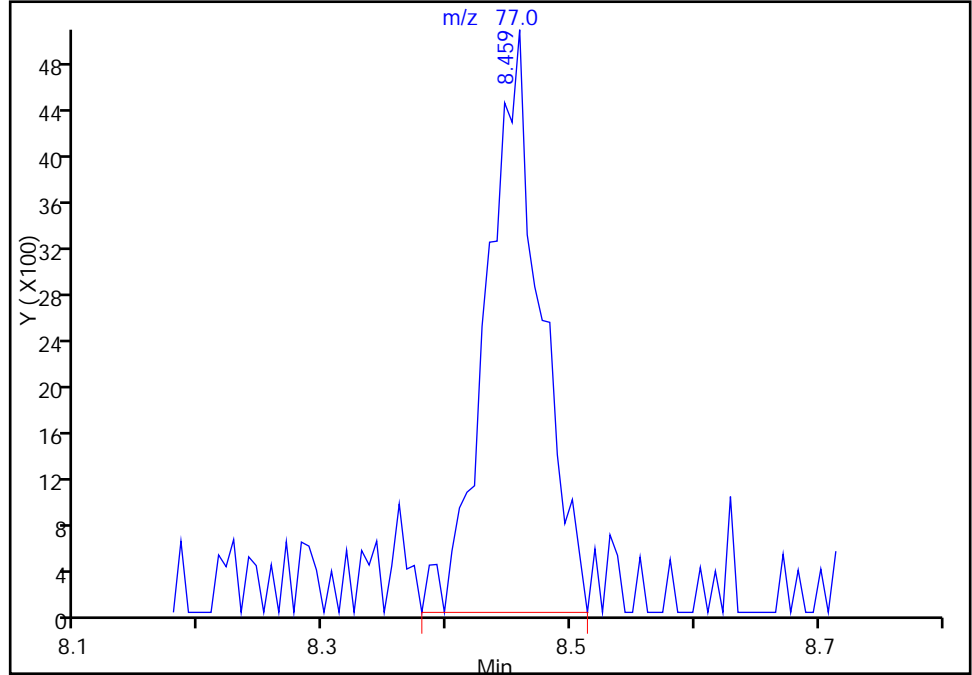
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

45 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

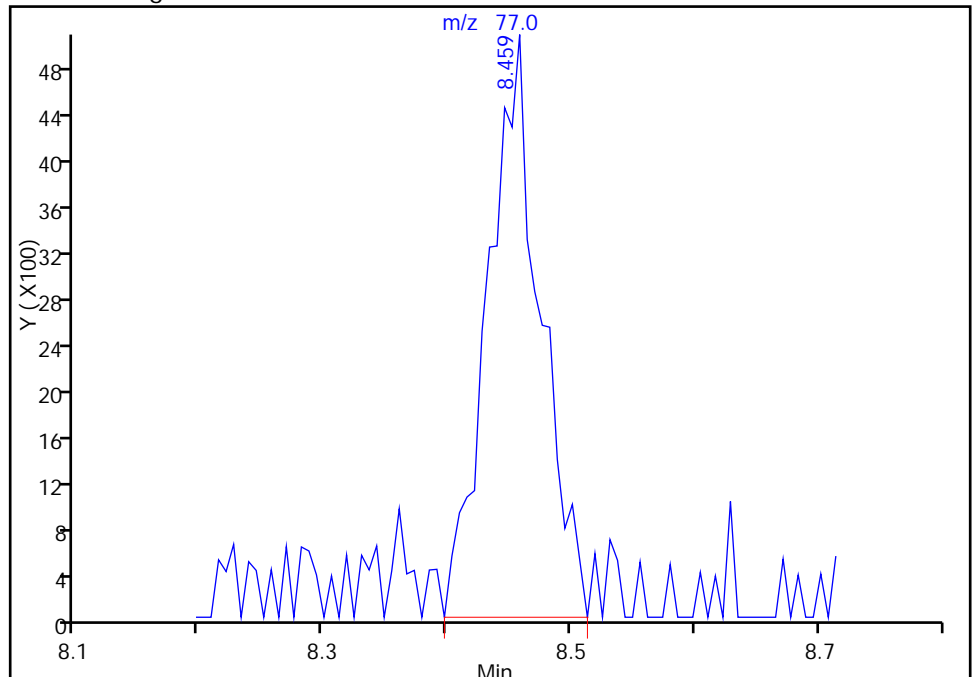
RT: 8.46
Area: 15263
Amount: 0.602584
Amount Units: ug/L

Processing Integration Results



RT: 8.46
Area: 14962
Amount: 0.613093
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:54:48
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

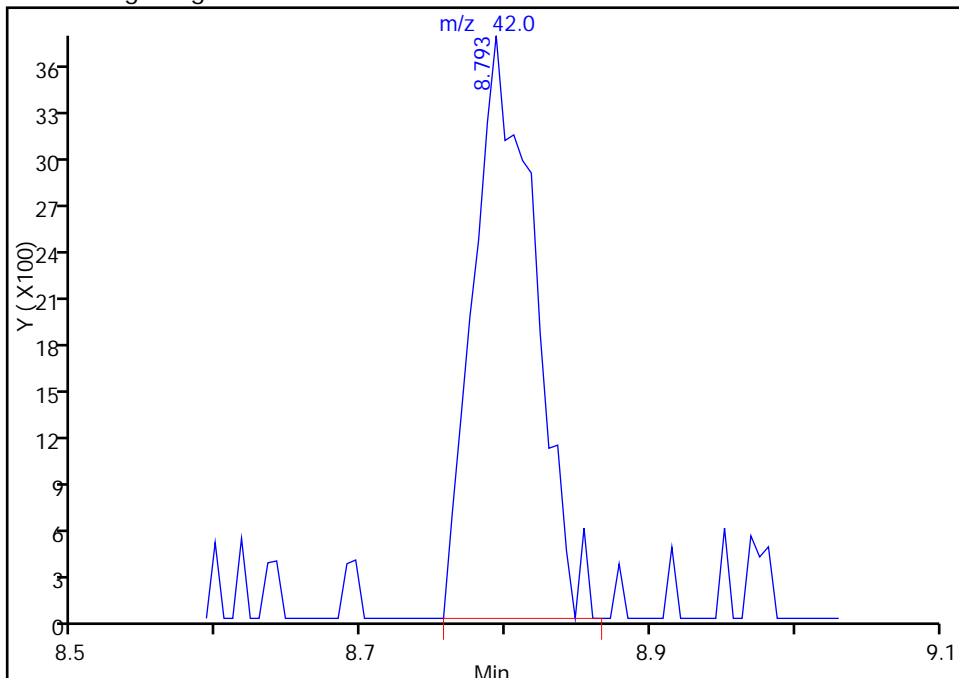
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

51 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

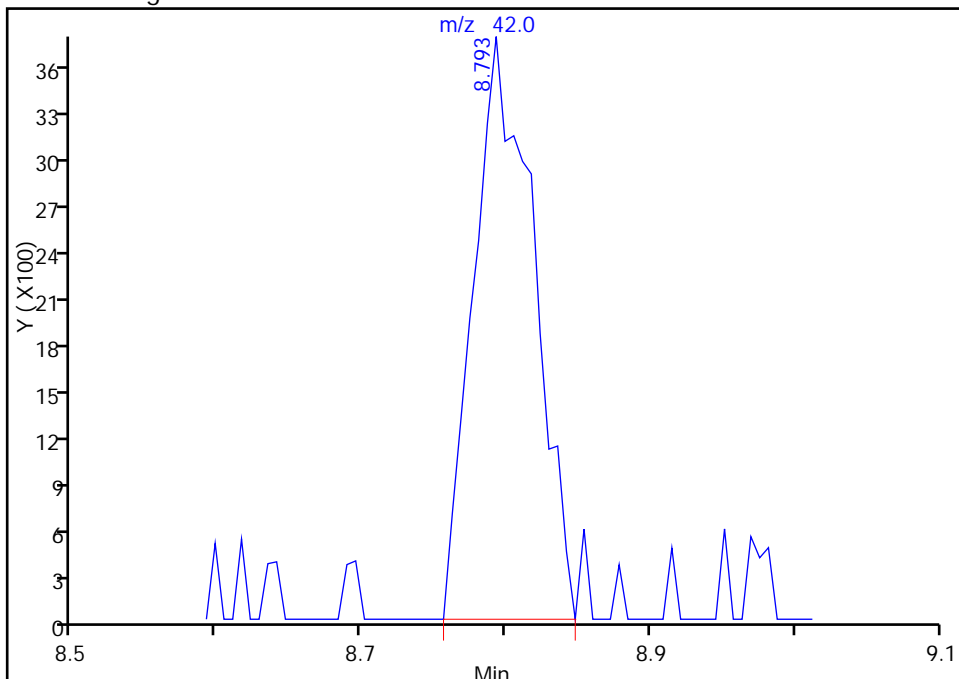
RT: 8.79
Area: 11094
Amount: 1.105050
Amount Units: ug/L

Processing Integration Results



RT: 8.79
Area: 10882
Amount: 1.101006
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:54:48
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

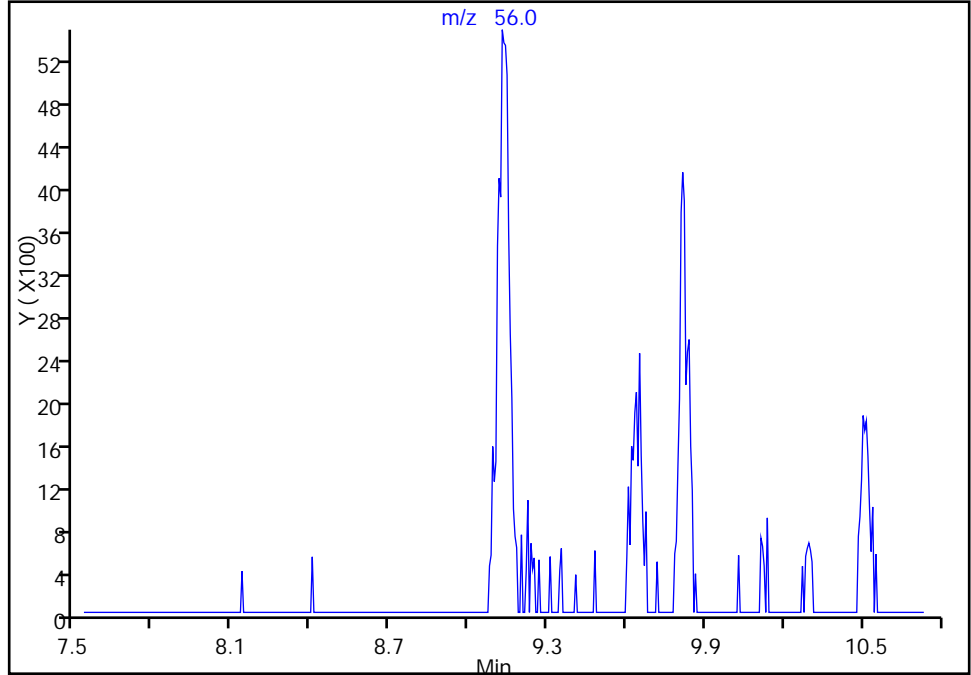
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

54 Cyclohexane, CAS: 110-82-7

Signal: 1

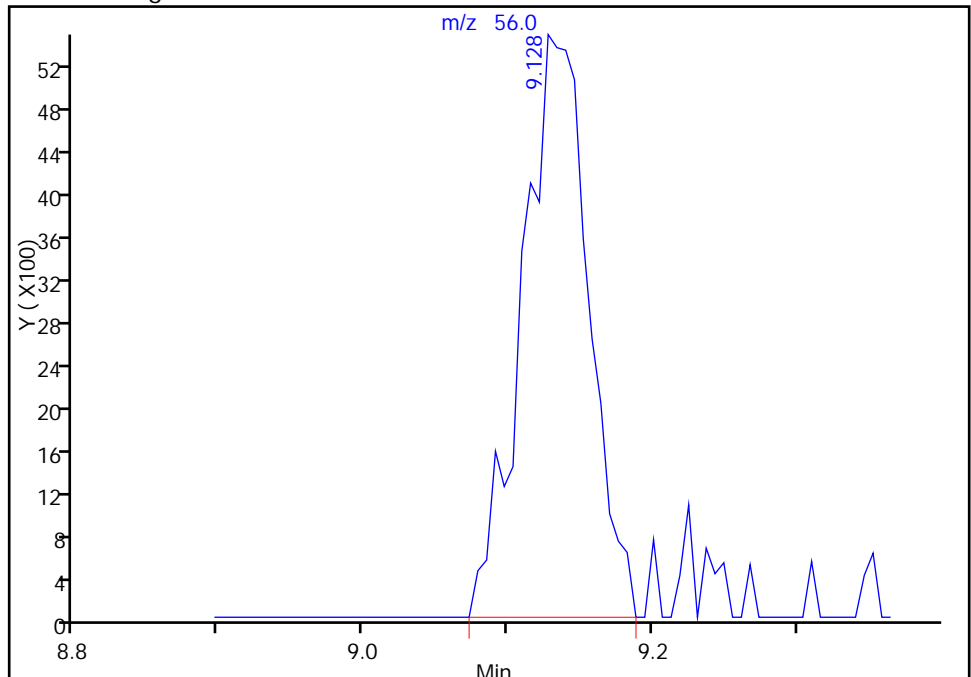
Not Detected
Expected RT: 9.13

Processing Integration Results



RT: 9.13
Area: 17527
Amount: 0.520931
Amount Units: ug/L

Manual Integration Results



TestAmerica Buffalo

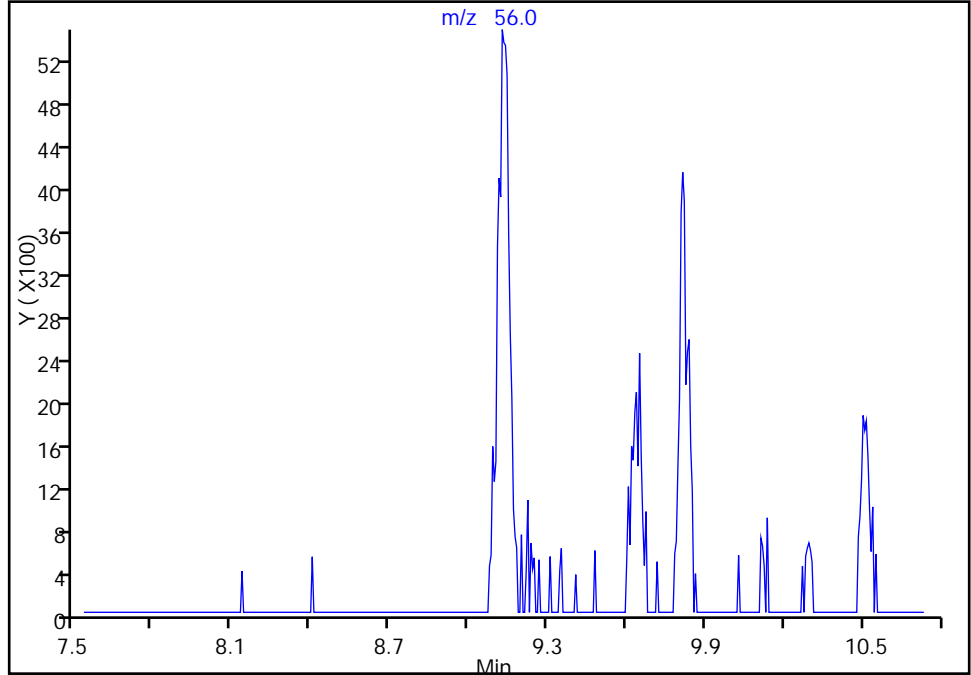
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

54 Cyclohexane, CAS: 110-82-7

Signal: 1

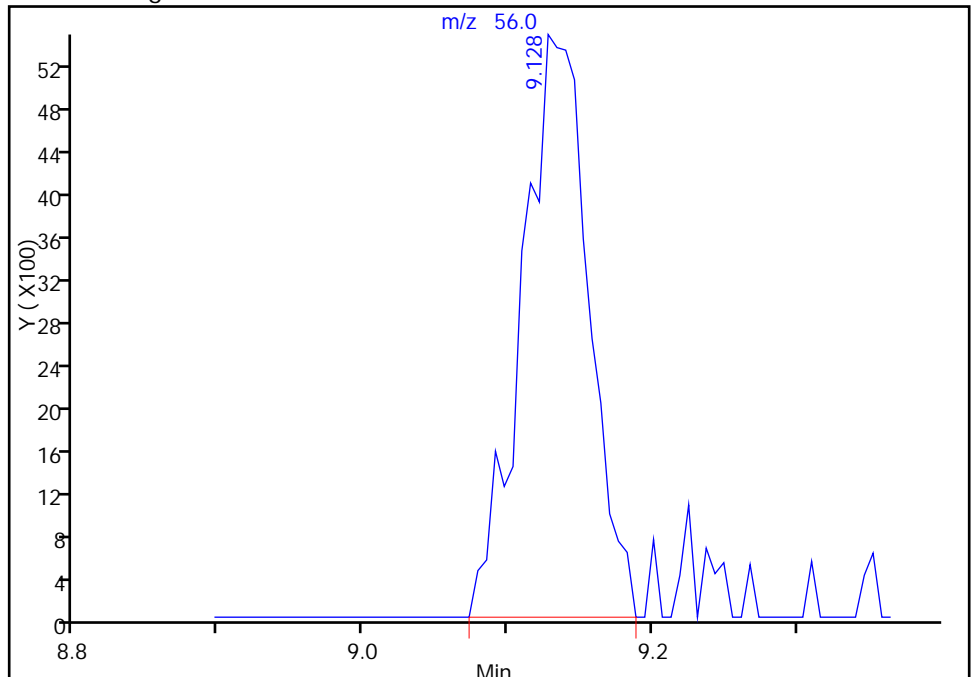
Not Detected
Expected RT: 9.13

Processing Integration Results



Manual Integration Results

RT: 9.13
Area: 17527
Amount: 0.520931
Amount Units: ug/L



TestAmerica Buffalo

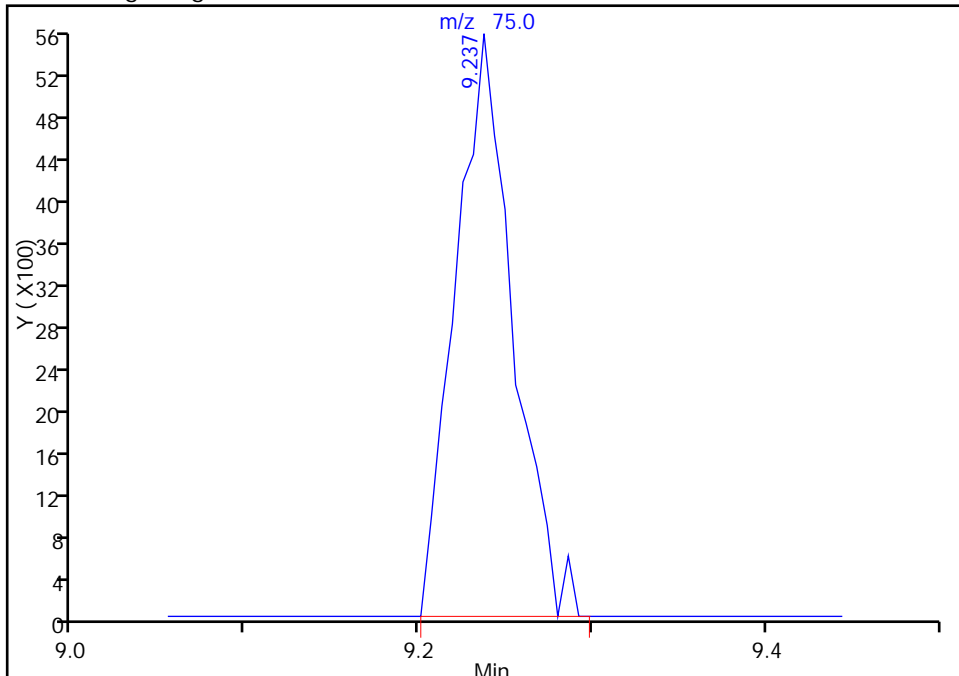
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

56 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

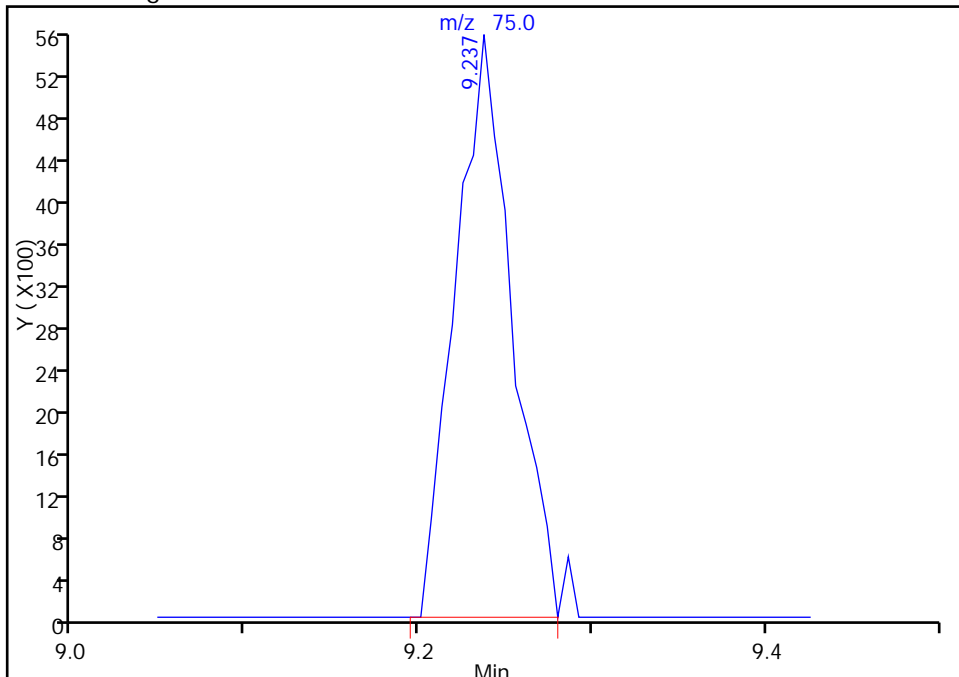
RT: 9.24
Area: 12905
Amount: 0.562921
Amount Units: ug/L

Processing Integration Results



RT: 9.24
Area: 12694
Amount: 0.564854
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:57:15
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

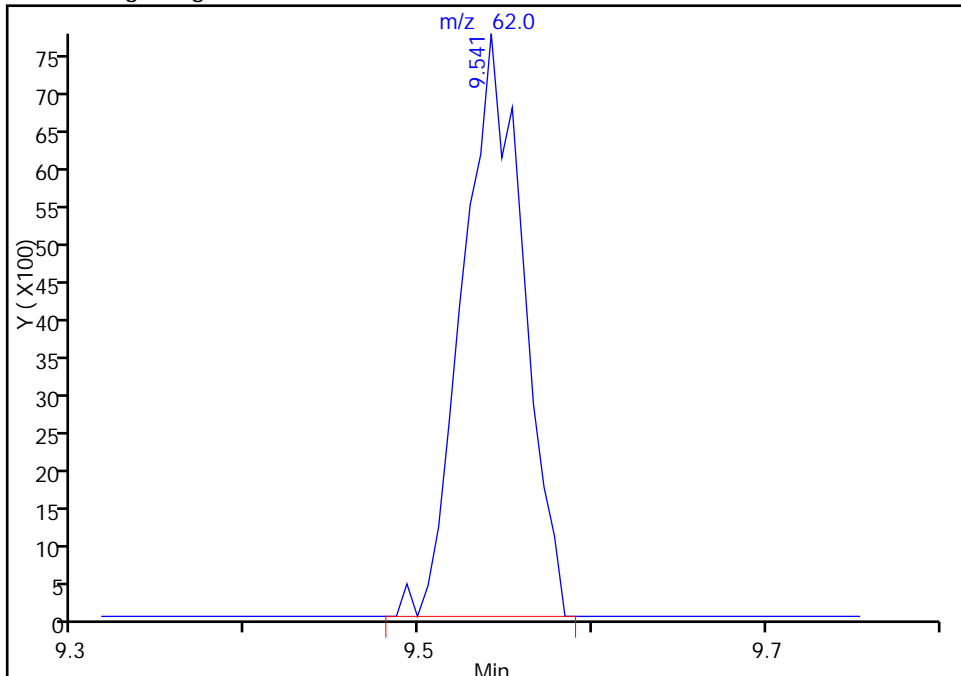
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

60 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

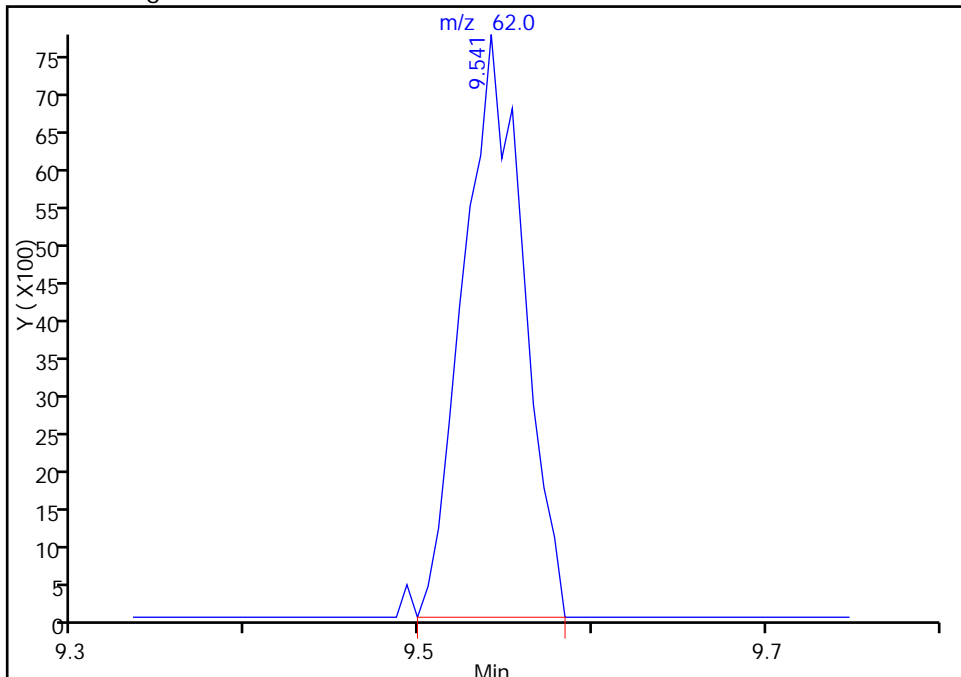
RT: 9.54
Area: 18727
Amount: 0.578258
Amount Units: ug/L

Processing Integration Results



RT: 9.54
Area: 18570
Amount: 0.588769
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:57:15
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

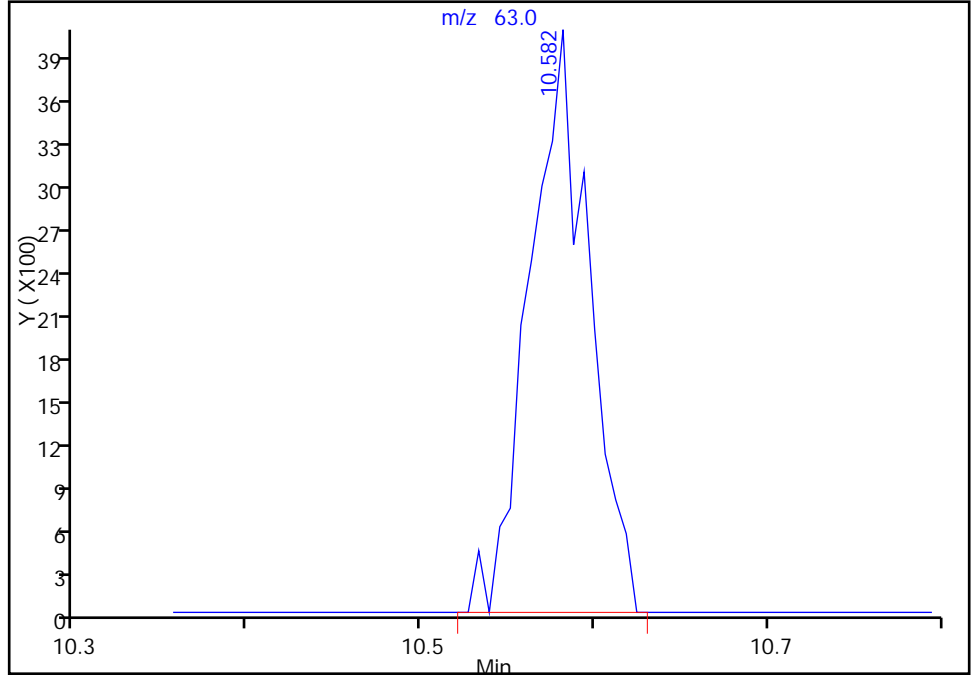
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

63 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

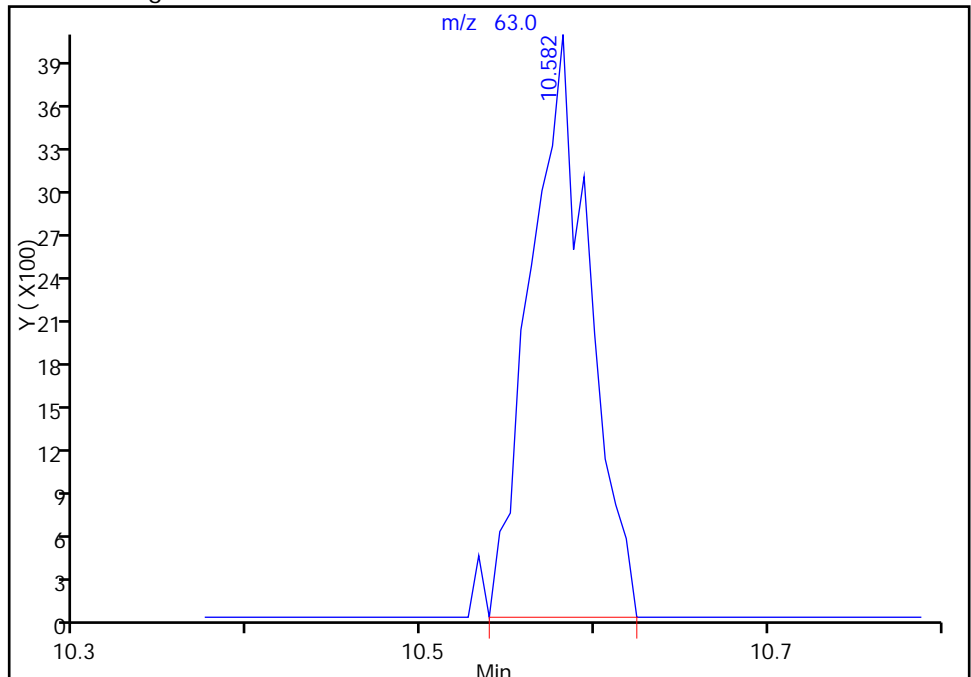
RT: 10.58
Area: 9729
Amount: 0.546435
Amount Units: ug/L

Processing Integration Results



RT: 10.58
Area: 9572
Amount: 0.546070
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:57:15
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

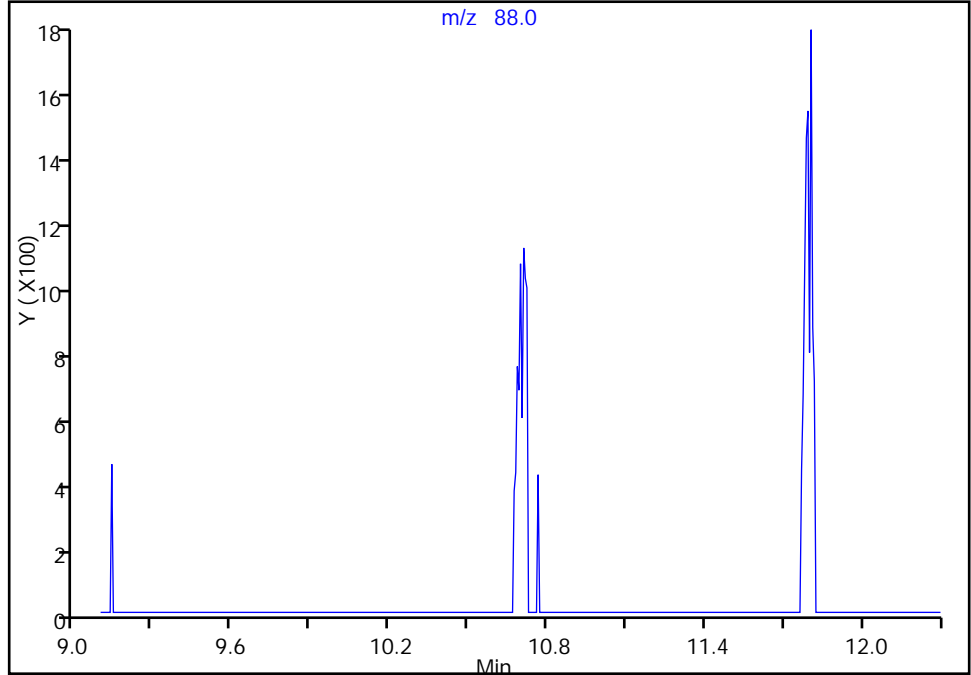
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

68 1,4-Dioxane, CAS: 123-91-1

Signal: 1

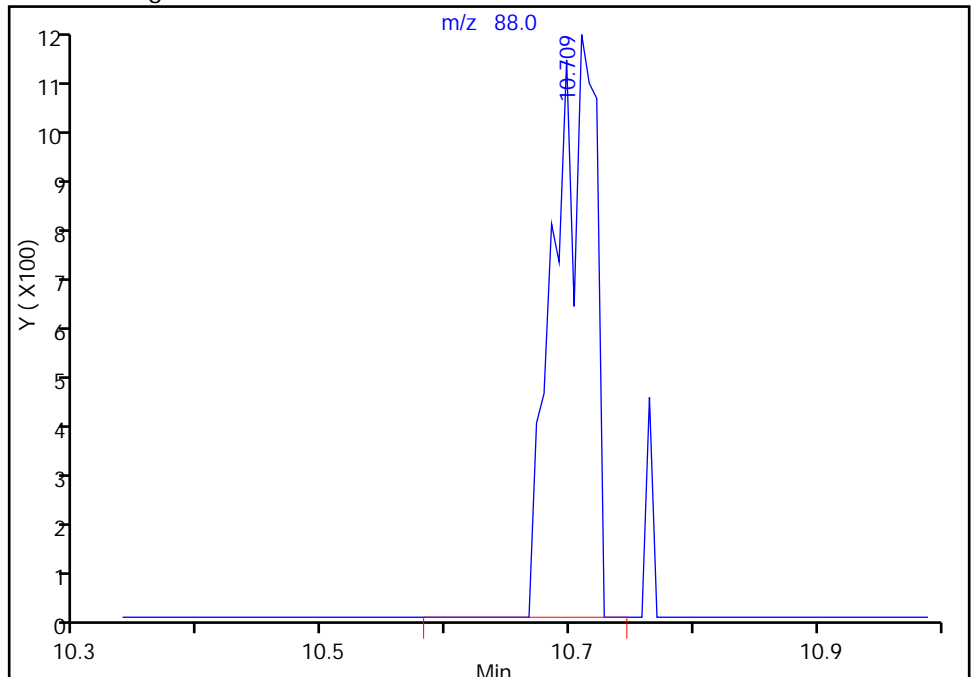
Not Detected
Expected RT: 10.70

Processing Integration Results



Manual Integration Results

RT: 10.71
Area: 2538
Amount: 8.926449
Amount Units: ug/L



Reviewer: goliszekg, 23-Jan-2017 09:37:05
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

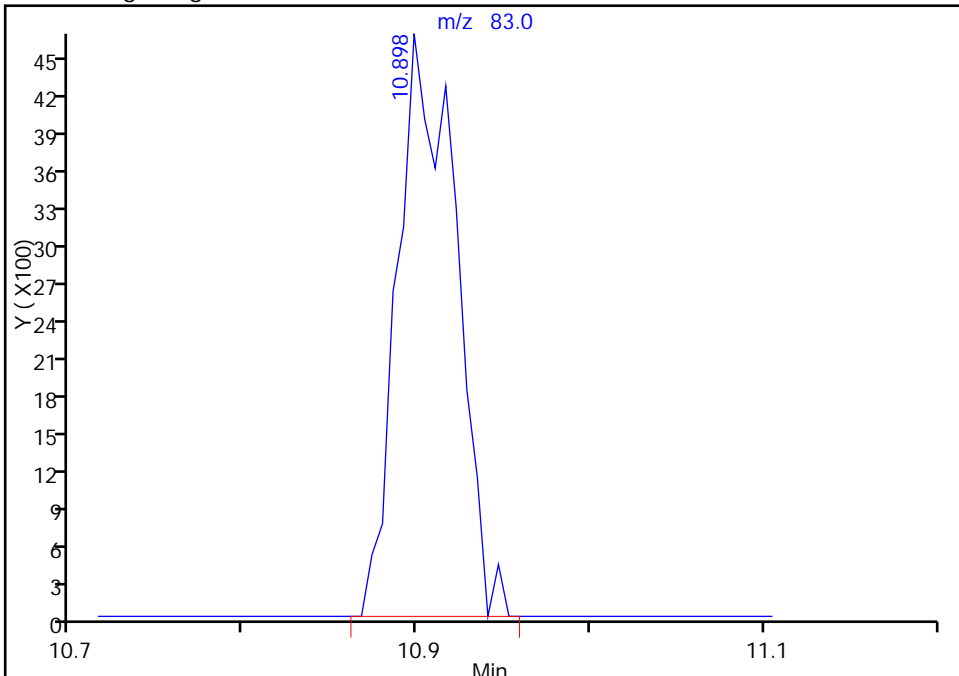
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

70 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

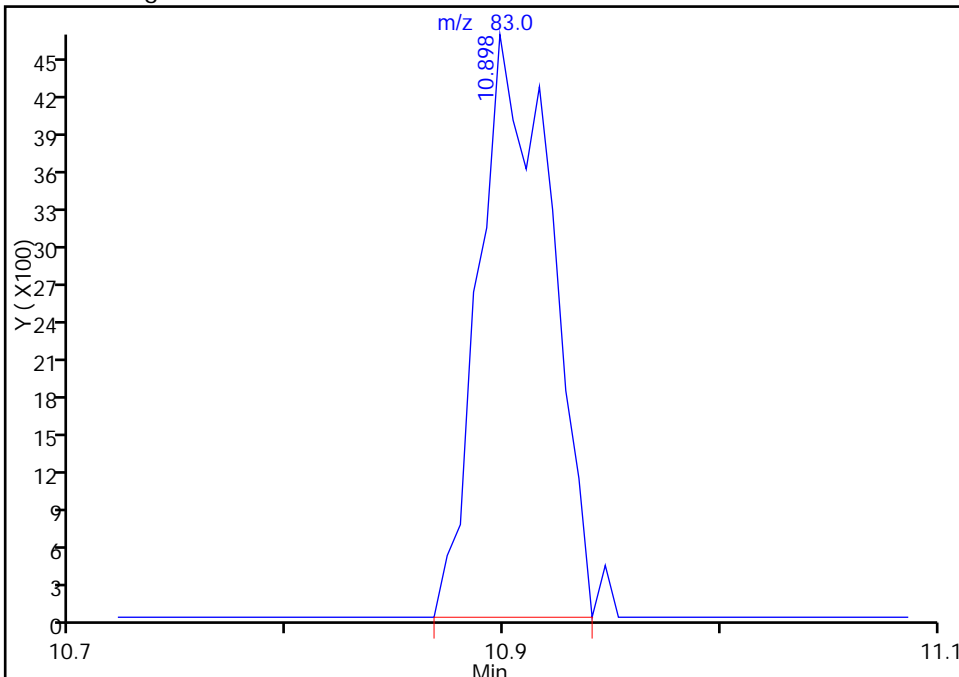
RT: 10.90
Area: 10905
Amount: 0.492200
Amount Units: ug/L

Processing Integration Results



RT: 10.90
Area: 10754
Amount: 0.486331
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:57:15
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

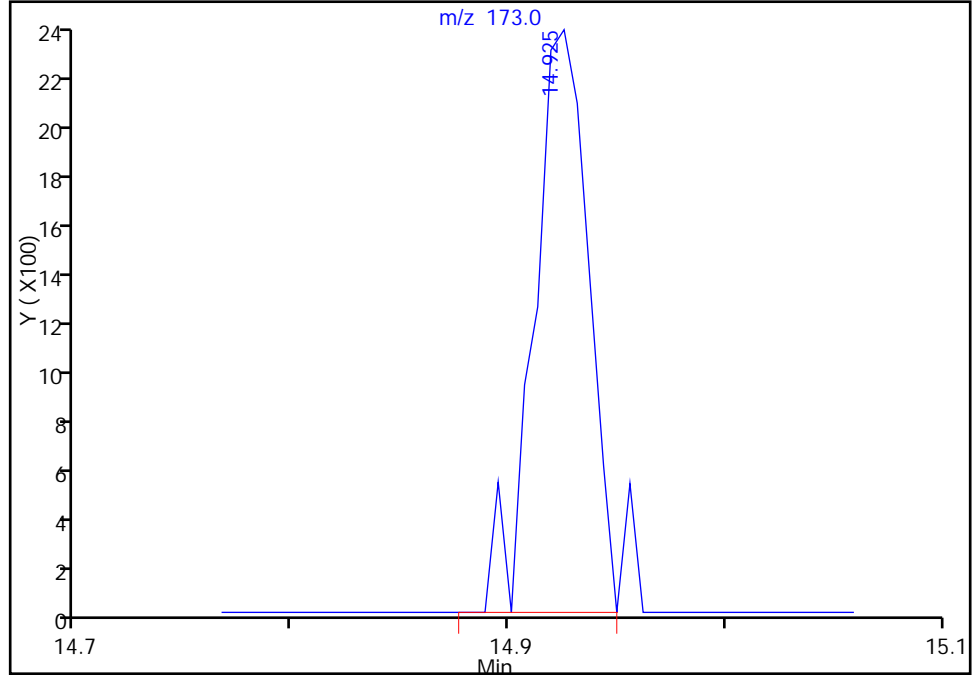
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

92 Bromoform, CAS: 75-25-2

Signal: 1

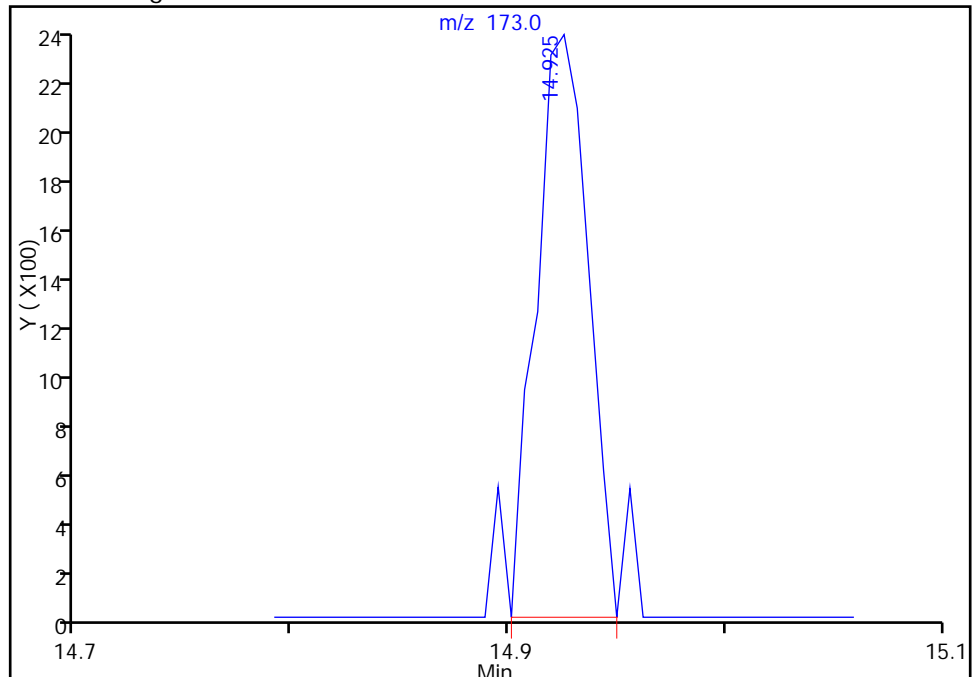
RT: 14.93
Area: 4135
Amount: 0.391974
Amount Units: ug/L

Processing Integration Results



RT: 14.93
Area: 3941
Amount: 0.360599
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:57:15
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

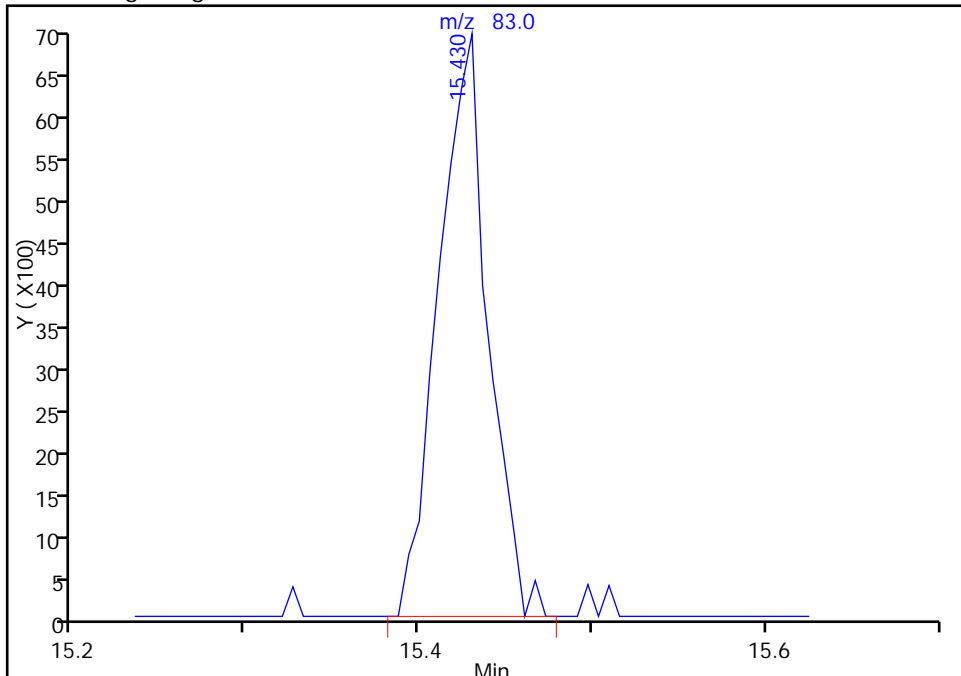
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

97 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

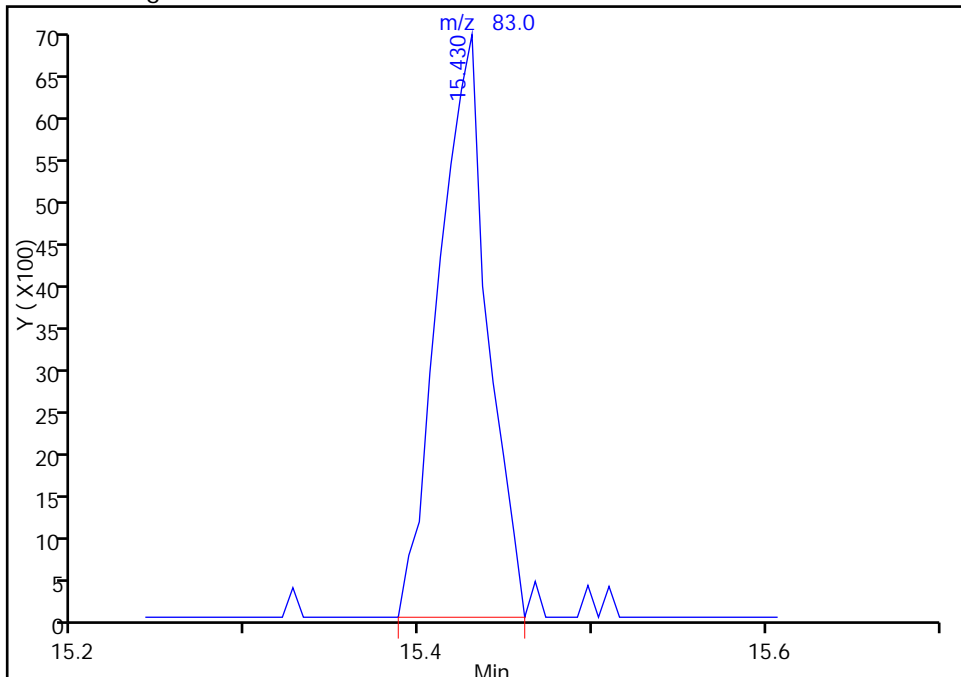
RT: 15.43
Area: 13828
Amount: 0.521028
Amount Units: ug/L

Processing Integration Results



RT: 15.43
Area: 13672
Amount: 0.516016
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:57:15
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

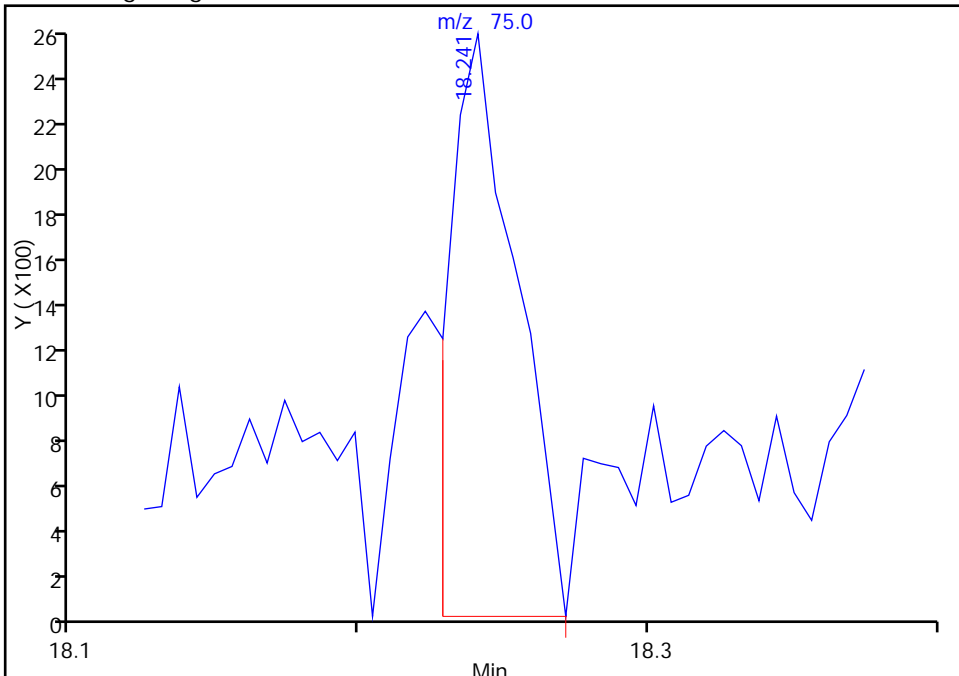
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22137.D
Injection Date: 21-Jan-2017 01:16:30 Instrument ID: HP5973P
Lims ID: IC
Client ID:
Operator ID: SO ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

117 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

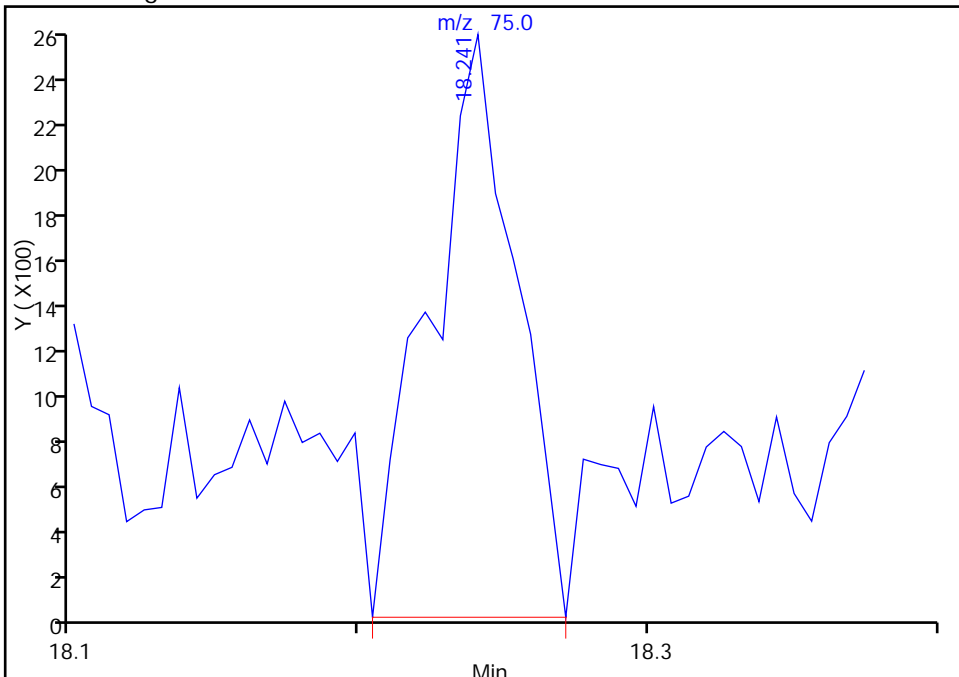
RT: 18.24
Area: 4160
Amount: 0.572822
Amount Units: ug/L

Processing Integration Results



RT: 18.24
Area: 5362
Amount: 0.756703
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:57:36
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22138.D
 Lims ID: IC 2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 21-Jan-2017 01:44:30 ALS Bottle#: 13 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 2
 Misc. Info.: 480-0059910-011
 Operator ID: SO Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 00:26:09 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: goliszekg

Date: 23-Jan-2017 09:35:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	98	288837	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.763	-0.006	88	559919	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.744	16.750	-0.006	97	590973	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	91	340774	25.0	24.4	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.444	0.000	0	233117	25.0	24.4	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.798	0.000	94	1196325	25.0	25.7	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	84	336313	25.0	24.9	
10 Dichlorodifluoromethane	85	3.981	3.981	0.000	97	24867	1.00	1.23	M
11 Chloromethane	50	4.267	4.285	-0.018	99	26463	1.00	0.9686	M
17 Vinyl chloride	62	4.510	4.510	0.000	62	16621	1.00	1.08	M
144 Butadiene	54	4.516	4.535	-0.019	95	17063	1.00	1.13	M
12 Bromomethane	94	5.040	5.058	-0.018	66	11252	1.00	1.18	M
13 Chloroethane	64	5.198	5.198	0.000	93	13740	1.00	1.35	
19 Dichlorofluoromethane	67	5.478	5.484	-0.006	97	36265	1.00	1.07	
14 Trichlorofluoromethane	101	5.581	5.599	-0.018	93	29146	1.00	1.01	
20 Ethyl ether	59	5.891	5.891	0.000	98	18091	1.00	1.00	
22 Acrolein	56	6.141	6.147	-0.006	98	23923	5.00	4.39	
16 1,1,2-Trichloro-1,2,2-trif	101	6.238	6.238	0.000	48	16308	1.00	0.9448	
25 1,1-Dichloroethene	96	6.281	6.281	0.000	95	15244	1.00	0.9436	
24 Acetone	43	6.323	6.317	0.006	98	58482	5.00	5.52	M
18 Iodomethane	142	6.548	6.548	0.000	97	28846	1.00	0.9429	
27 Carbon disulfide	76	6.664	6.664	0.000	98	44321	1.00	0.8675	
30 Methyl acetate	43	6.694	6.694	0.000	99	118669	5.00	5.06	
28 3-Chloro-1-propene	41	6.725	6.731	-0.006	80	36617	1.00	1.07	
31 Methylene Chloride	84	6.895	6.901	-0.006	96	38770	1.00	0.8570	
33 2-Methyl-2-propanol	59	6.925	6.926	-0.001	97	38306	10.0	9.31	
32 Methyl tert-butyl ether	73	7.163	7.163	0.000	97	57739	1.00	0.9323	
34 Acrylonitrile	53	7.199	7.193	0.006	99	109229	10.0	9.99	
35 trans-1,2-Dichloroethene	96	7.224	7.230	-0.006	94	18999	1.00	1.05	
36 Hexane	57	7.461	7.461	0.000	93	19727	1.00	0.9140	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.698	7.698	0.000	97	90405	2.00	1.73	
40 1,1-Dichloroethane	63	7.753	7.747	0.006	96	31617	1.00	0.9618	
44 2-Butanone (MEK)	43	8.398	8.398	0.000	98	77867	5.00	4.89	M
43 cis-1,2-Dichloroethene	96	8.459	8.446	0.013	84	20009	1.00	0.9695	
45 2,2-Dichloropropane	77	8.459	8.452	0.007	56	24059	1.00	0.9590	M
50 Chlorobromomethane	128	8.763	8.763	0.000	96	9635	1.00	0.9644	
51 Tetrahydrofuran	42	8.793	8.793	0.000	87	22005	2.00	2.17	
49 Chloroform	83	8.805	8.805	0.000	94	35167	1.00	1.06	
52 1,1,1-Trichloroethane	97	9.067	9.061	0.006	98	27940	1.00	0.9532	
54 Cyclohexane	56	9.128	9.134	-0.006	93	29805	1.00	0.8618	M
53 Isobutyl alcohol	43	9.213	9.213	0.000	74	30138	25.0	19.7	
56 1,1-Dichloropropene	75	9.237	9.237	0.000	87	20496	1.00	0.8872	
55 Carbon tetrachloride	117	9.268	9.268	0.000	96	22210	1.00	0.8800	
57 Benzene	78	9.517	9.517	0.000	96	67576	1.00	1.00	
60 1,2-Dichloroethane	62	9.541	9.541	0.000	96	32957	1.00	1.02	
59 n-Heptane	43	9.639	9.645	-0.006	94	28596	1.00	1.26	
62 Trichloroethene	95	10.265	10.271	-0.006	95	18485	1.00	0.9790	
64 Methylcyclohexane	83	10.509	10.503	0.006	91	22644	1.00	0.8675	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	86	16760	1.00	0.9301	
68 1,4-Dioxane	88	10.703	10.697	0.006	71	4839	20.0	17.2	
69 Dibromomethane	93	10.776	10.770	0.006	85	12272	1.00	0.9248	
70 Dichlorobromomethane	83	10.910	10.904	0.006	95	20364	1.00	0.8959	
71 2-Chloroethyl vinyl ether	63	11.172	11.172	0.000	91	11361	1.00	0.8499	
73 cis-1,3-Dichloropropene	75	11.439	11.446	-0.007	92	22549	1.00	0.7962	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.549	0.000	98	134971	5.00	4.83	
76 Toluene	92	11.884	11.884	0.000	98	42424	1.00	1.01	
77 Ethyl methacrylate	69	12.121	12.115	0.006	94	15894	1.00	0.7127	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	97	23225	1.00	0.8931	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	89	14916	1.00	1.08	
80 Tetrachloroethene	166	12.638	12.632	0.006	82	15828	1.00	1.01	
83 2-Hexanone	43	12.644	12.638	0.006	98	89379	5.00	4.52	
82 1,3-Dichloropropane	76	12.674	12.662	0.012	71	28191	1.00	1.02	
81 Chlorodibromomethane	129	13.009	13.009	0.000	88	12429	1.00	0.7465	
85 Ethylene Dibromide	107	13.204	13.204	0.000	96	14965	1.00	0.8824	
87 Chlorobenzene	112	13.800	13.800	0.000	96	52121	1.00	1.05	
89 Ethylbenzene	91	13.867	13.867	0.000	99	78824	1.00	1.00	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.879	0.000	90	15179	1.00	0.8812	
90 m-Xylene & p-Xylene	106	14.001	14.007	-0.006	0	28207	1.00	0.9684	
93 o-Xylene	106	14.560	14.554	0.006	98	26789	1.00	0.9138	
94 Styrene	104	14.579	14.573	0.006	96	37963	1.00	0.8341	
92 Bromoform	173	14.938	14.925	0.013	88	8030	1.00	0.7435	
95 Isopropylbenzene	105	14.998	14.998	0.000	97	66513	1.00	0.8393	
97 1,1,2,2-Tetrachloroethane	83	15.418	15.424	-0.006	96	23135	1.00	0.8679	
98 trans-1,4-Dichloro-2-buten	53	15.485	15.479	0.006	63	6989	1.00	0.7467	
100 Bromobenzene	156	15.509	15.516	-0.007	85	20910	1.00	0.9709	
101 1,2,3-Trichloropropane	110	15.515	15.516	-0.001	58	7581	1.00	0.9405	
99 N-Propylbenzene	91	15.528	15.528	0.000	97	86733	1.00	0.8807	
103 2-Chlorotoluene	126	15.716	15.716	0.000	95	19001	1.00	0.9676	
102 1,3,5-Trimethylbenzene	105	15.722	15.722	0.000	94	61991	1.00	0.9167	
105 4-Chlorotoluene	126	15.844	15.844	0.000	98	18971	1.00	0.9249	
106 tert-Butylbenzene	134	16.166	16.166	0.000	93	13292	1.00	0.8776	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	97	64911	1.00	0.8909	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	95	77632	1.00	0.9102	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	96	69814	1.00	0.9172	
110 1,3-Dichlorobenzene	146	16.671	16.677	-0.006	93	41537	1.00	0.9580	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	94	44853	1.00	1.01	
115 n-Butylbenzene	91	17.103	17.103	0.000	97	66023	1.00	0.9398	
116 1,2-Dichlorobenzene	146	17.268	17.262	0.006	95	41604	1.00	0.9409	
117 1,2-Dibromo-3-Chloropropan	75	18.235	18.241	-0.006	71	7251	1.00	1.02	
119 1,2,4-Trichlorobenzene	180	19.318	19.312	0.006	94	30164	1.00	1.02	
120 Hexachlorobutadiene	225	19.470	19.464	0.006	87	8146	1.00	0.9684	
121 Naphthalene	128	19.713	19.707	0.006	97	92449	1.00	0.9319	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	94	25765	1.00	0.9414	
S 124 1,3-Dichloropropene, Total	1				0			1.69	
S 125 Total BTEX	1				0			4.88	
S 126 Xylenes, Total	1				0			1.88	
S 123 1,2-Dichloroethene, Total	1				0			2.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00091

Amount Added: 1.00

Units: uL

GAS CORP mix_00201

Amount Added: 1.00

Units: uL

P 8260 IS_00196

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00208

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22138.D

Injection Date: 21-Jan-2017 01:44:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: IC 2

Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL

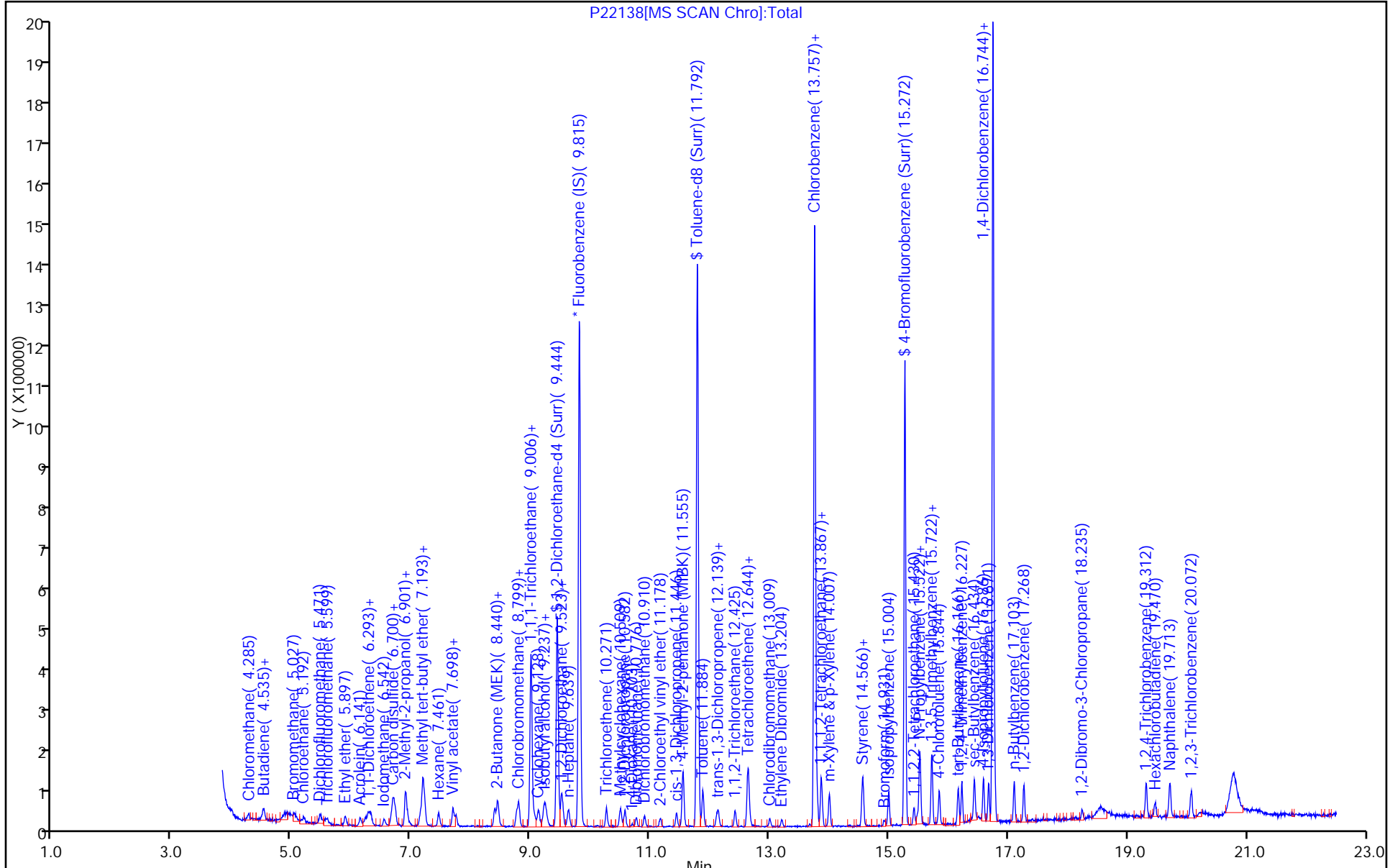
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



P22138[MS SCAN Chro]:Total

TestAmerica Buffalo

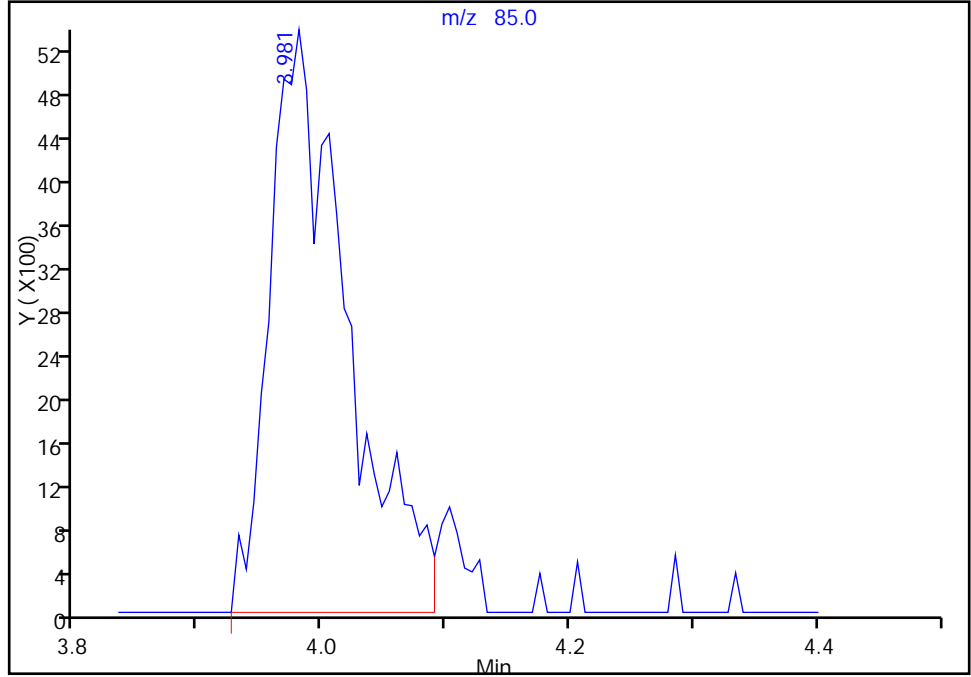
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Injection Date: 21-Jan-2017 01:44:30 Instrument ID: HP5973P
Lims ID: IC 2
Client ID:
Operator ID: SO ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

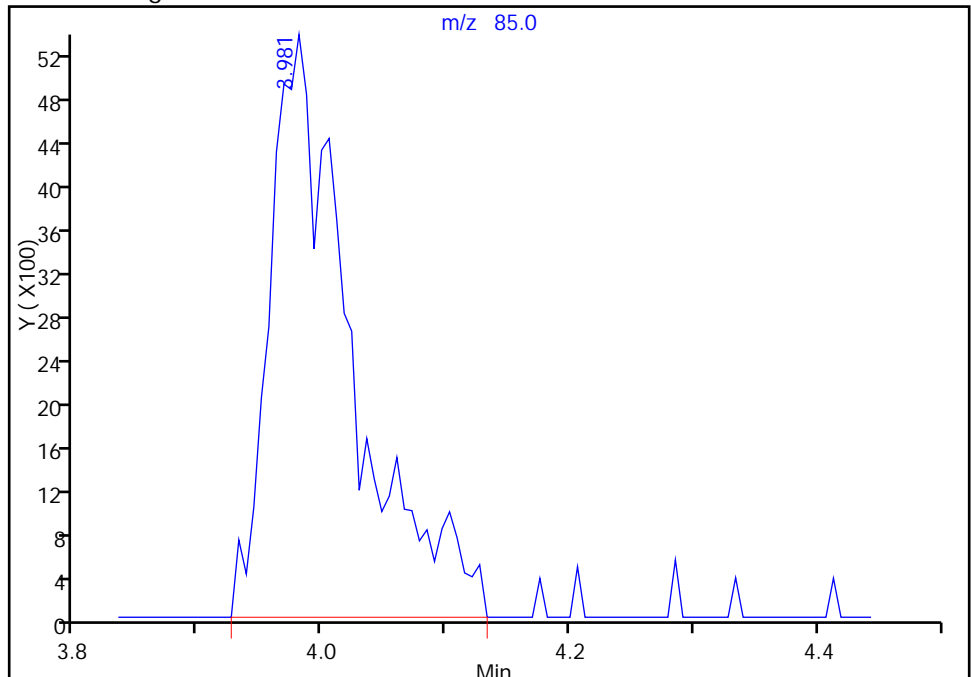
RT: 3.98
Area: 23478
Amount: 1.170931
Amount Units: ug/L

Processing Integration Results



RT: 3.98
Area: 24867
Amount: 1.226050
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:31:12
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

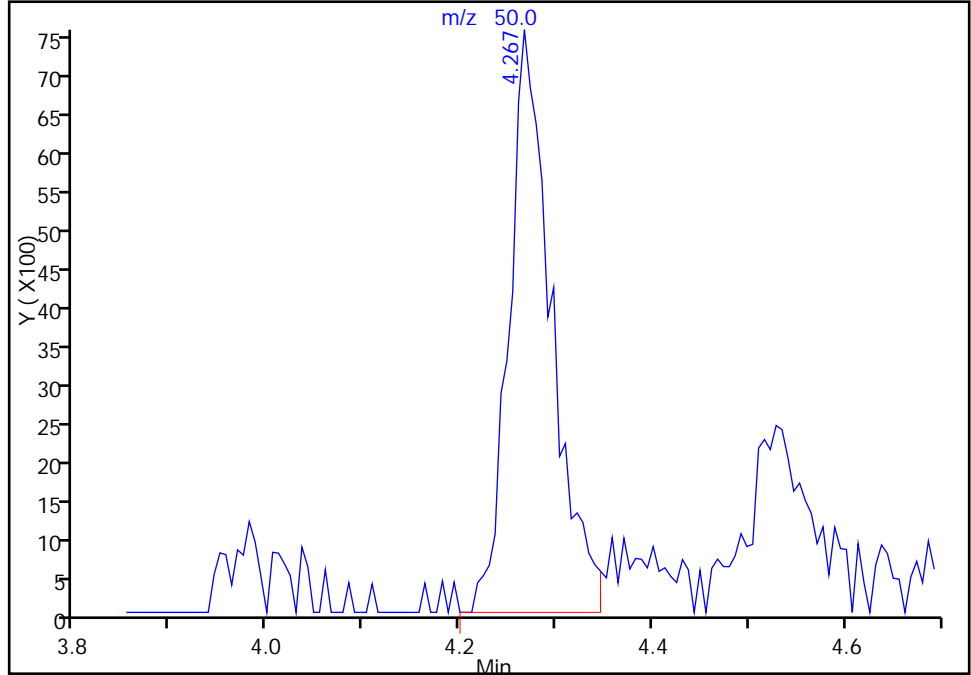
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Injection Date: 21-Jan-2017 01:44:30 Instrument ID: HP5973P
Lims ID: IC 2
Client ID:
Operator ID: SO ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

11 Chloromethane, CAS: 74-87-3

Signal: 1

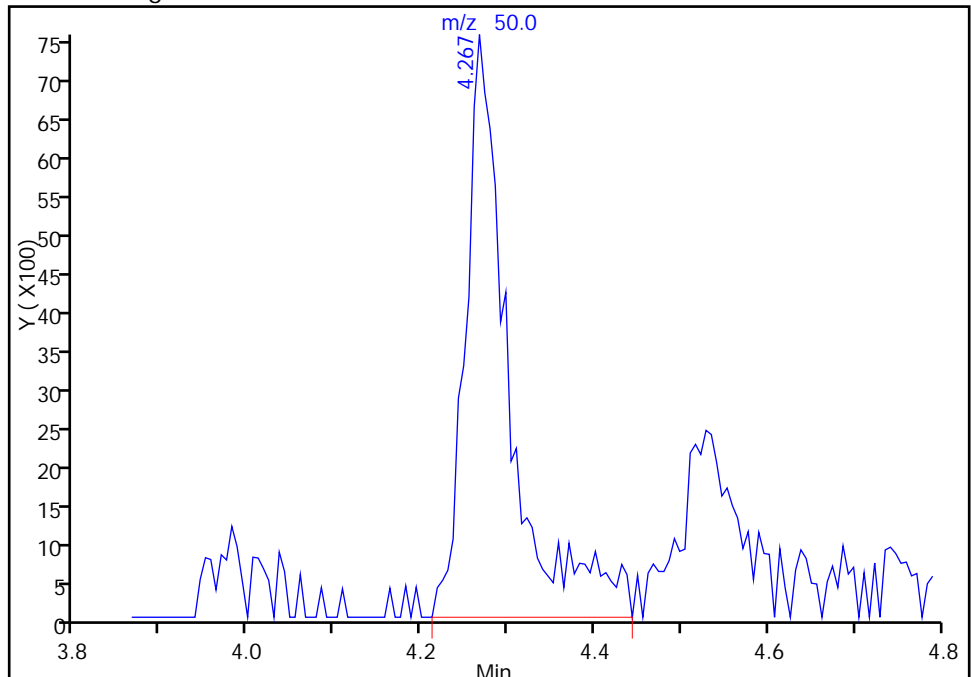
RT: 4.27
Area: 23070
Amount: 1.271302
Amount Units: ug/L

Processing Integration Results



RT: 4.27
Area: 26463
Amount: 0.968650
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:33:35
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

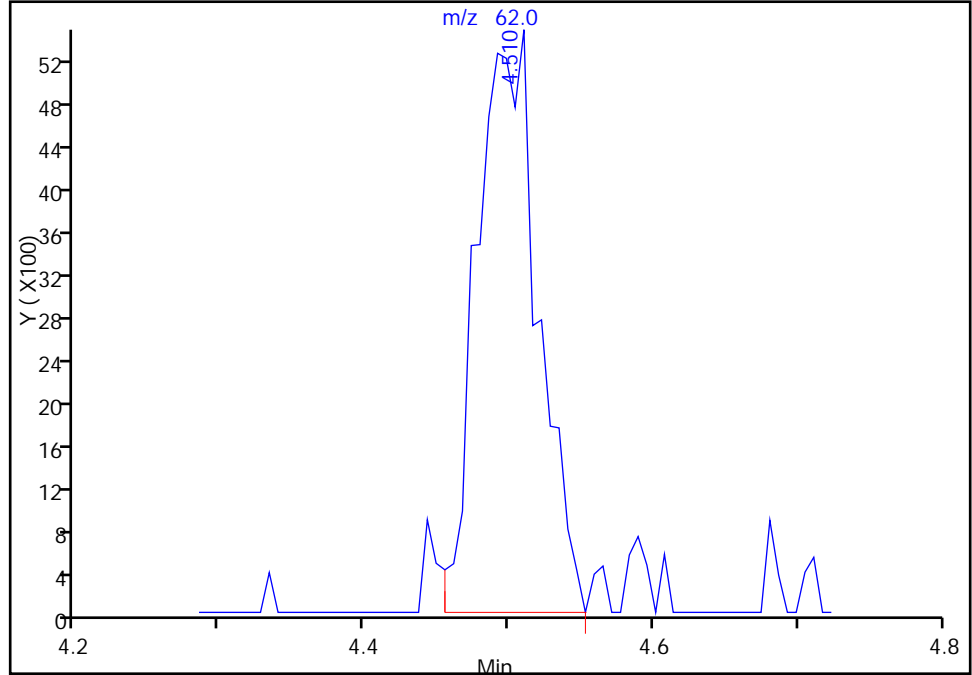
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Injection Date: 21-Jan-2017 01:44:30 Instrument ID: HP5973P
Lims ID: IC 2
Client ID:
Operator ID: SO ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4

Signal: 1

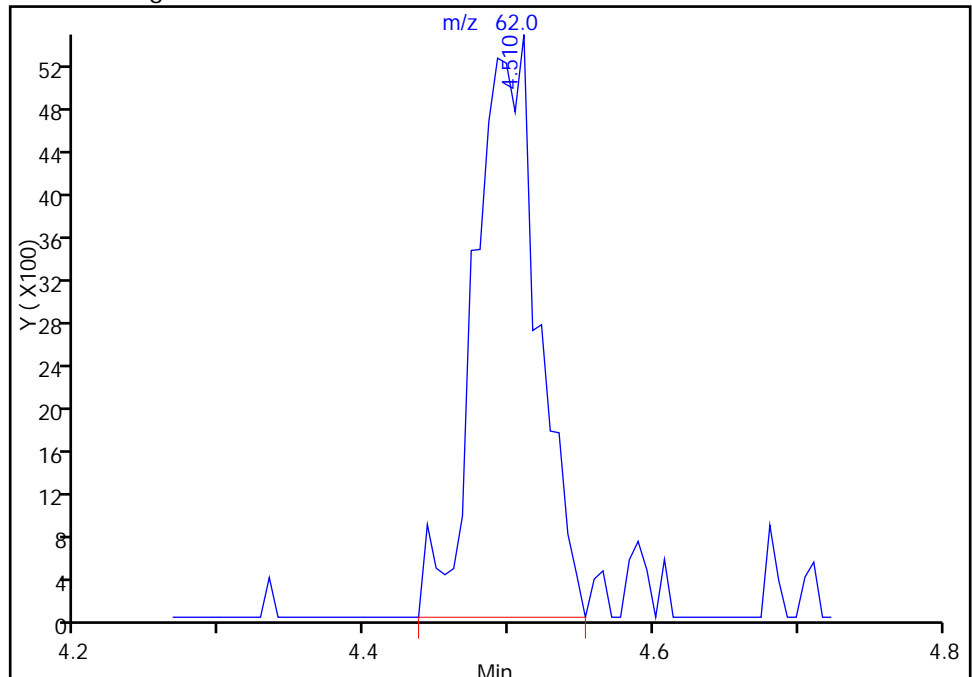
RT: 4.51
Area: 16134
Amount: 1.061259
Amount Units: ug/L

Processing Integration Results



RT: 4.51
Area: 16621
Amount: 1.084919
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:33:35
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

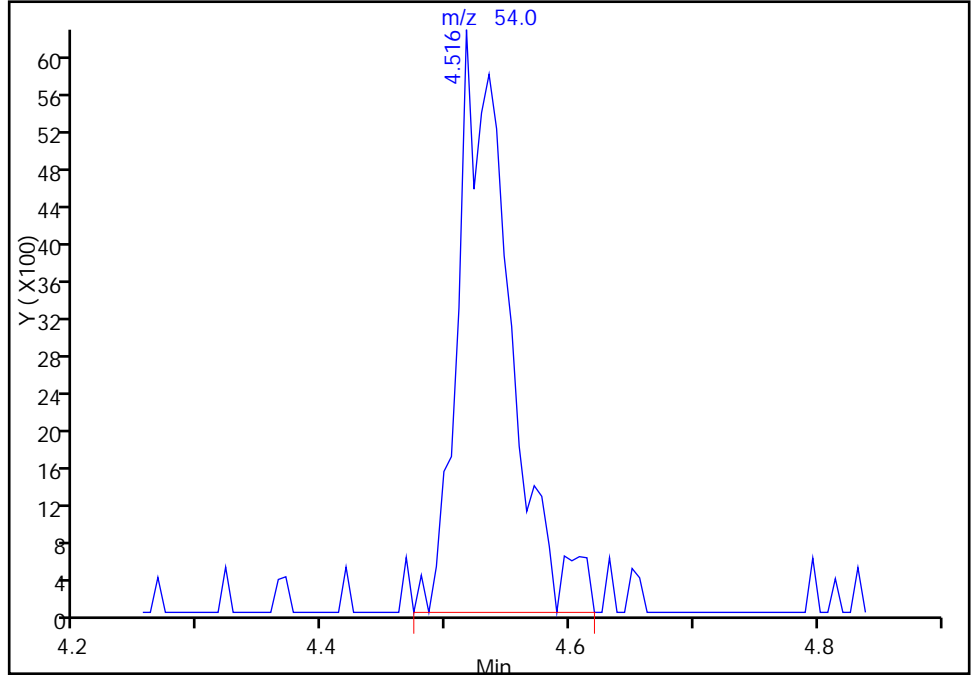
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Injection Date: 21-Jan-2017 01:44:30 Instrument ID: HP5973P
Lims ID: IC 2
Client ID:
Operator ID: SO ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

144 Butadiene, CAS: 106-99-0

Signal: 1

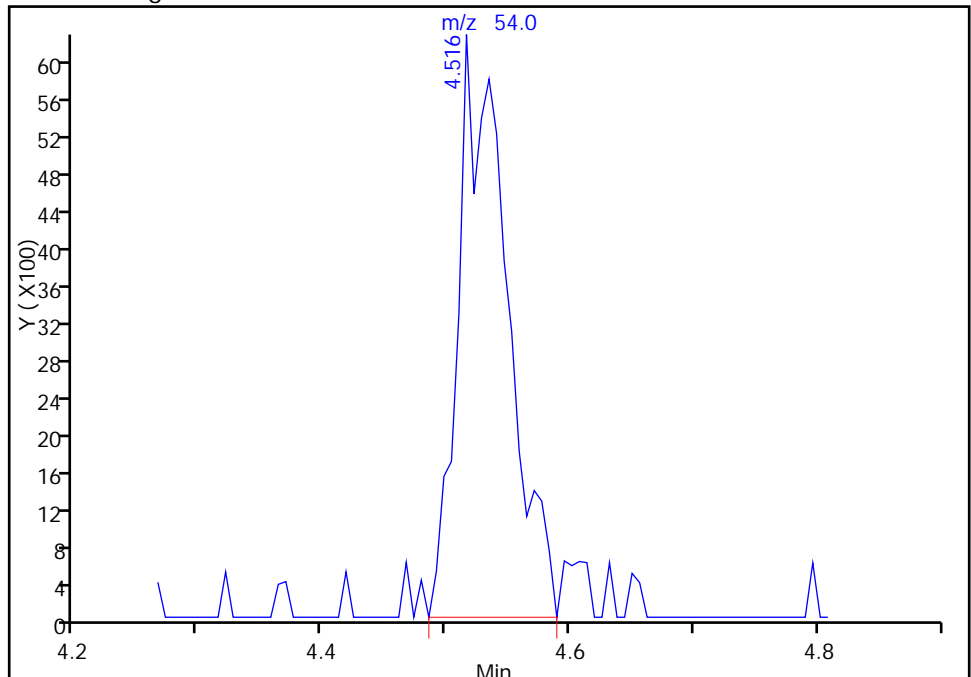
RT: 4.52
Area: 18055
Amount: 1.231870
Amount Units: ug/L

Processing Integration Results



RT: 4.52
Area: 17063
Amount: 1.129538
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:33:35
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

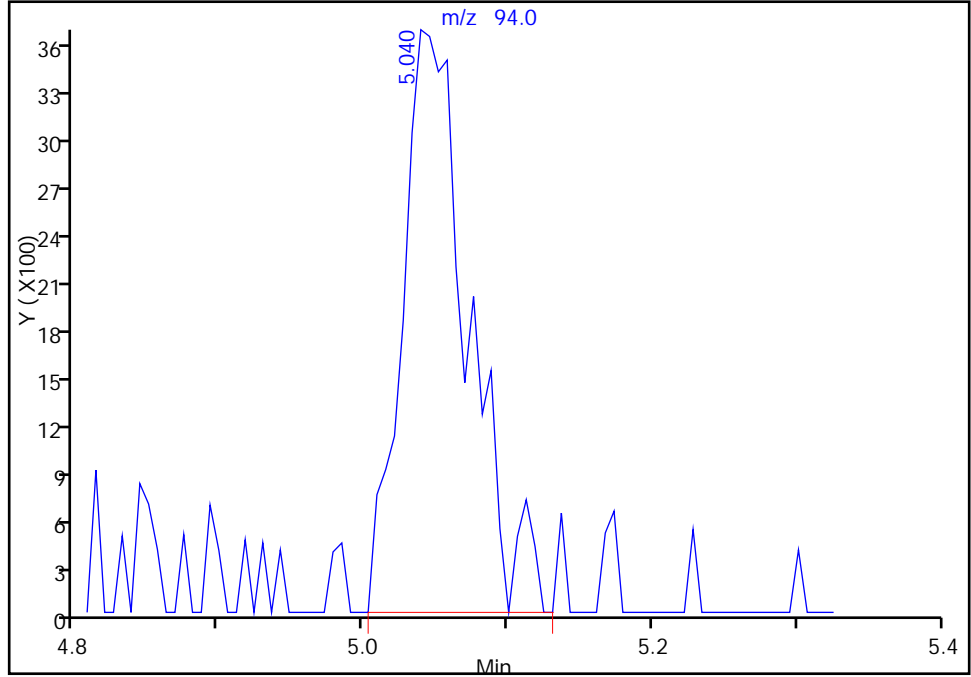
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Lims ID: IC 2
Client ID:
Operator ID: SO ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

12 Bromomethane, CAS: 74-83-9

Signal: 1

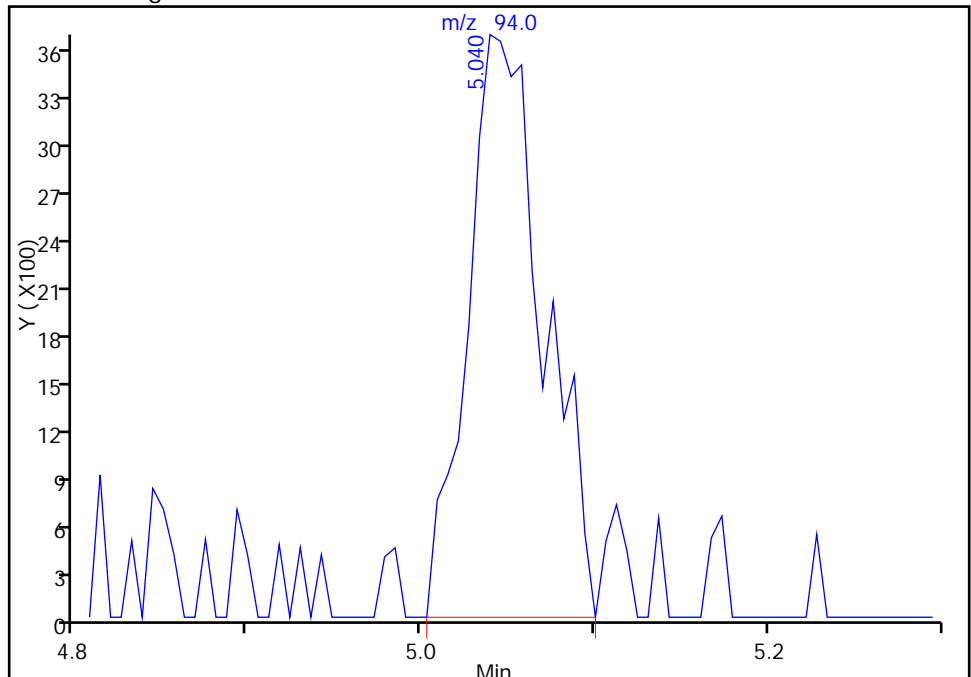
RT: 5.04
Area: 11839
Amount: 1.225080
Amount Units: ug/L

Processing Integration Results



RT: 5.04
Area: 11252
Amount: 1.176515
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:33:35
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

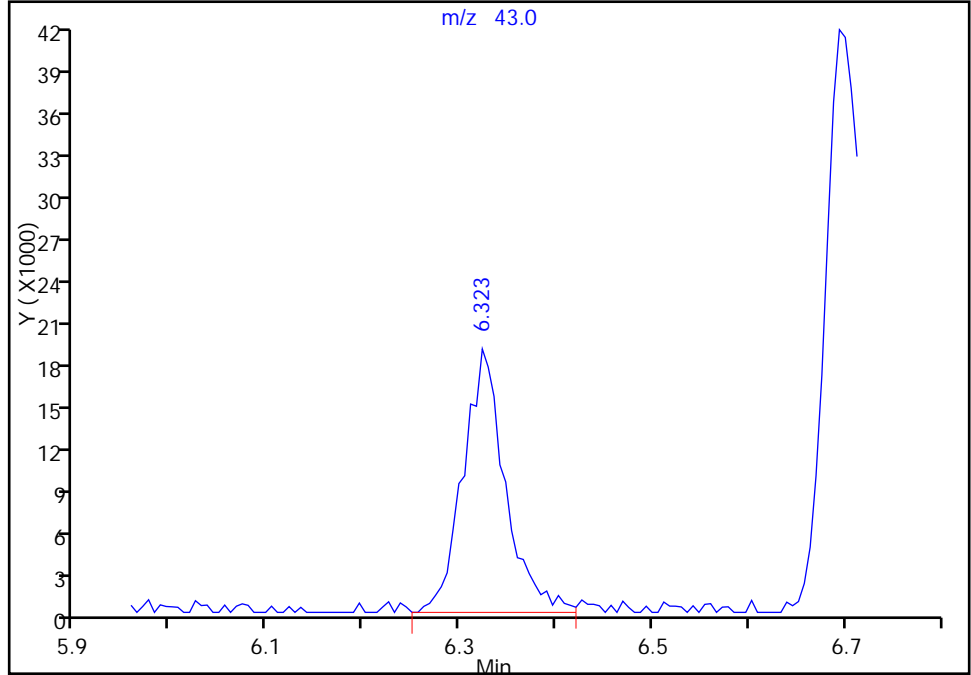
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Client ID:
Operator ID: SO ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

Signal: 1

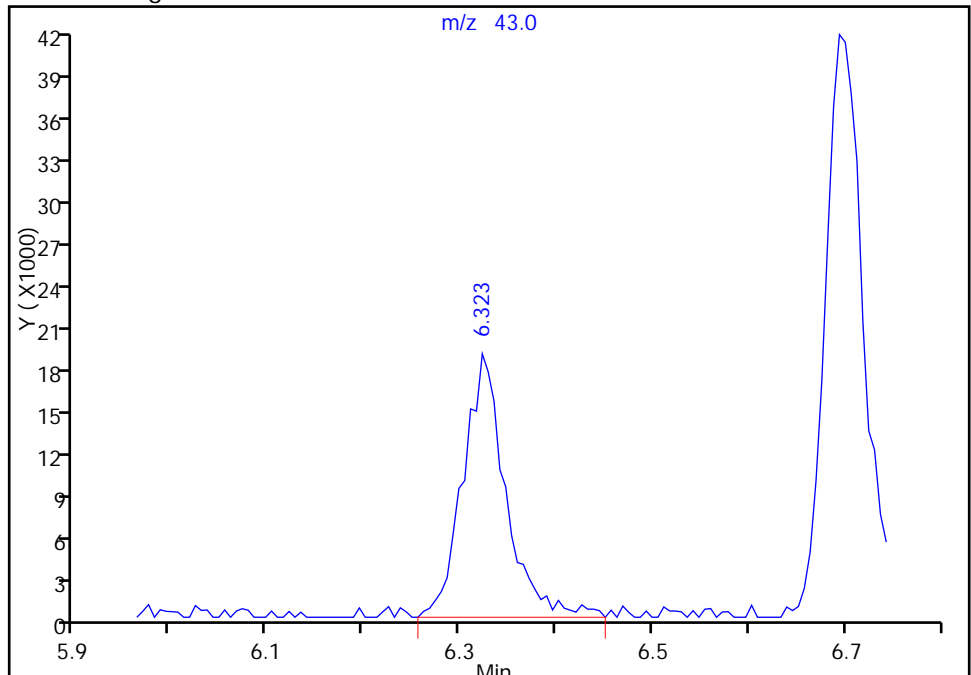
RT: 6.32
Area: 57564
Amount: 5.286686
Amount Units: ug/L

Processing Integration Results



RT: 6.32
Area: 58482
Amount: 5.519322
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 20:52:52
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

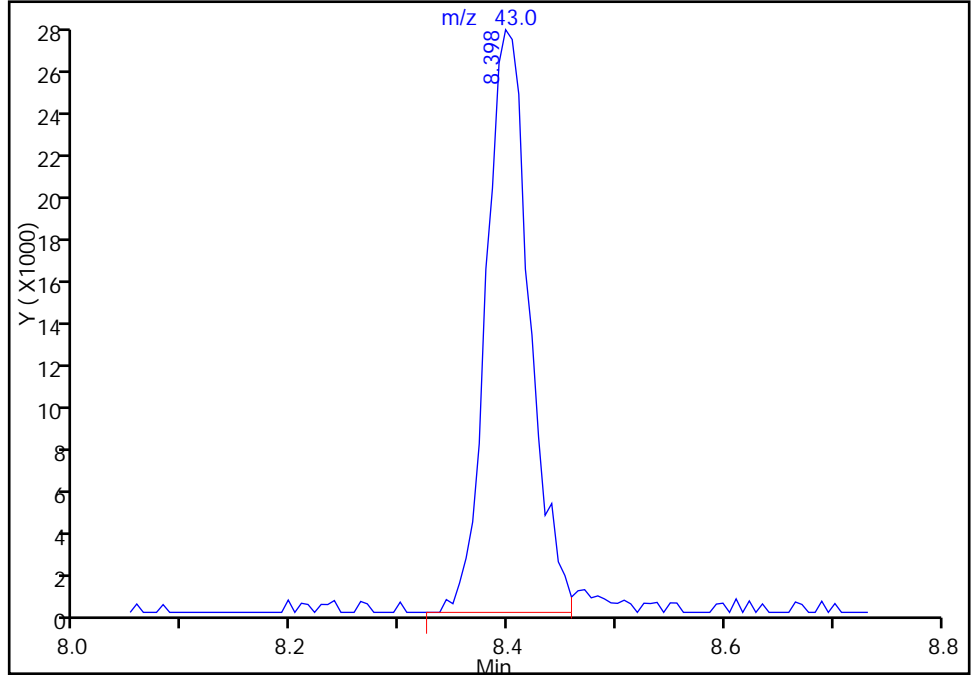
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Lims ID: IC 2
Client ID:
Operator ID: SO ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

44 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

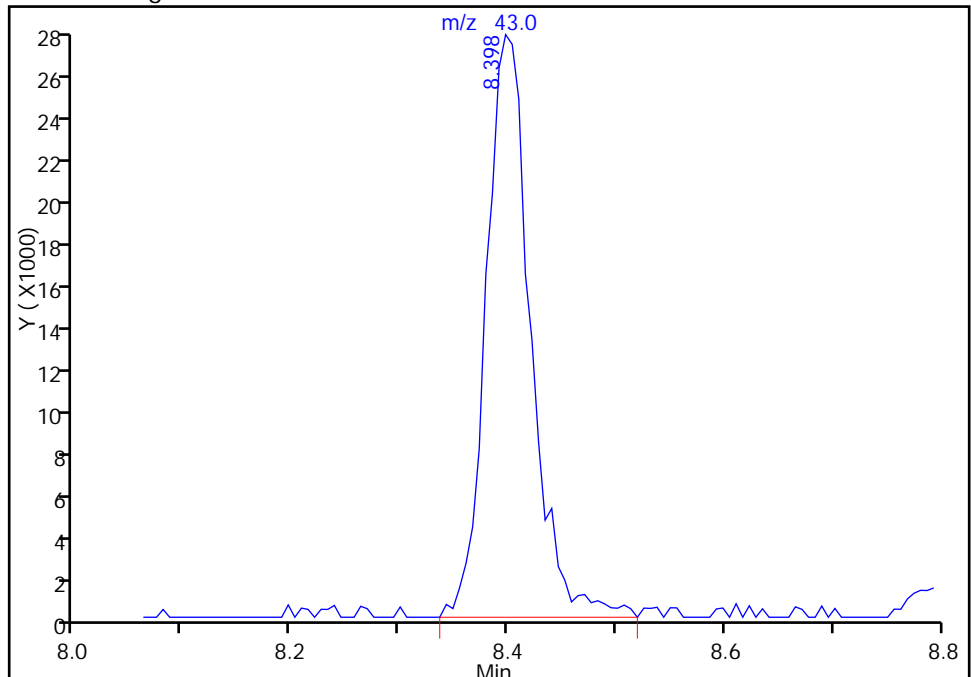
RT: 8.40
Area: 75696
Amount: 4.645175
Amount Units: ug/L

Processing Integration Results



RT: 8.40
Area: 77867
Amount: 4.887720
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:33:35
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

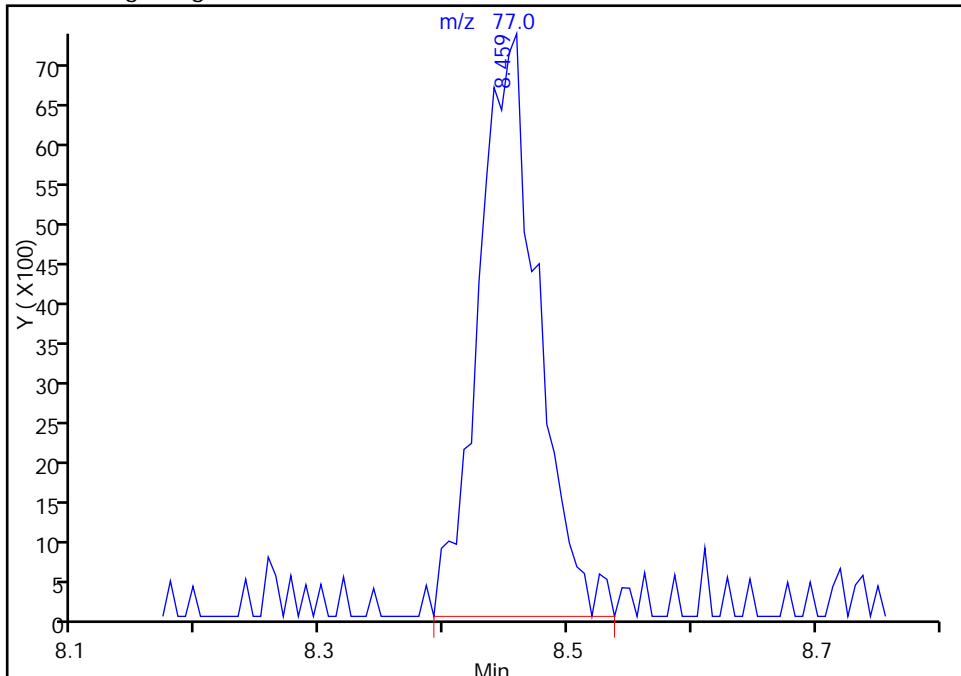
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Lims ID: IC 2
Client ID:
Operator ID: SO ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

45 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

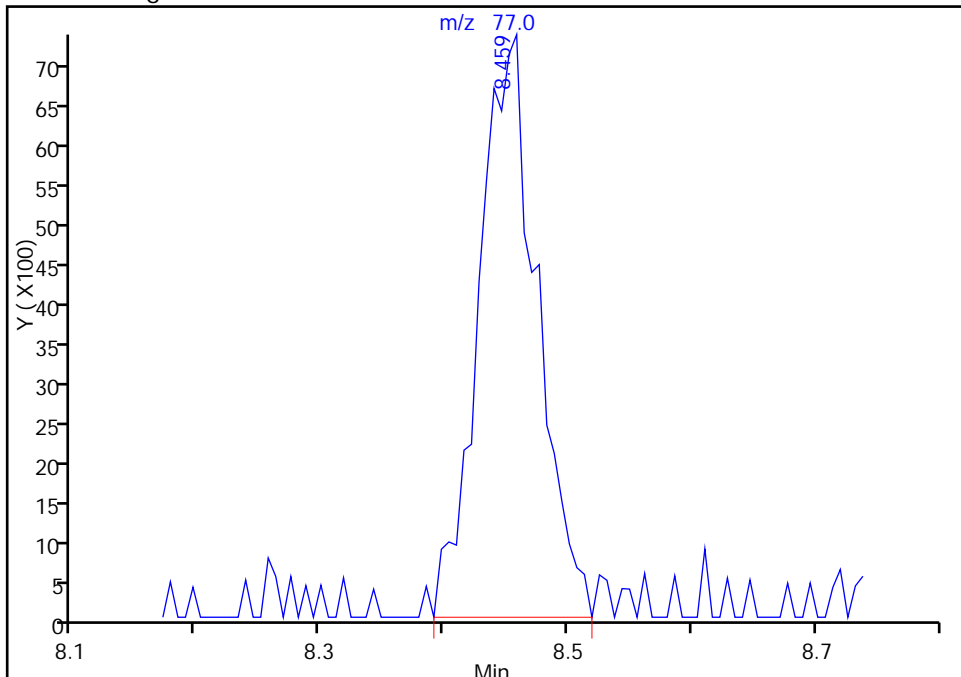
RT: 8.46
Area: 24423
Amount: 0.941185
Amount Units: ug/L

Processing Integration Results



RT: 8.46
Area: 24059
Amount: 0.959038
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:33:35
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

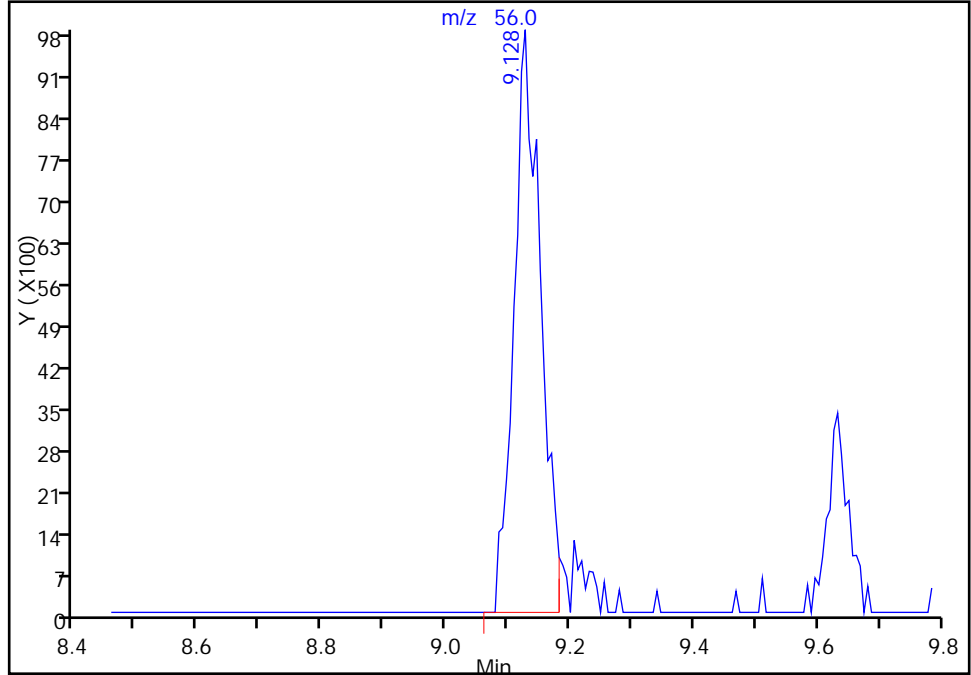
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Client ID:
Operator ID: SO ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

54 Cyclohexane, CAS: 110-82-7

Signal: 1

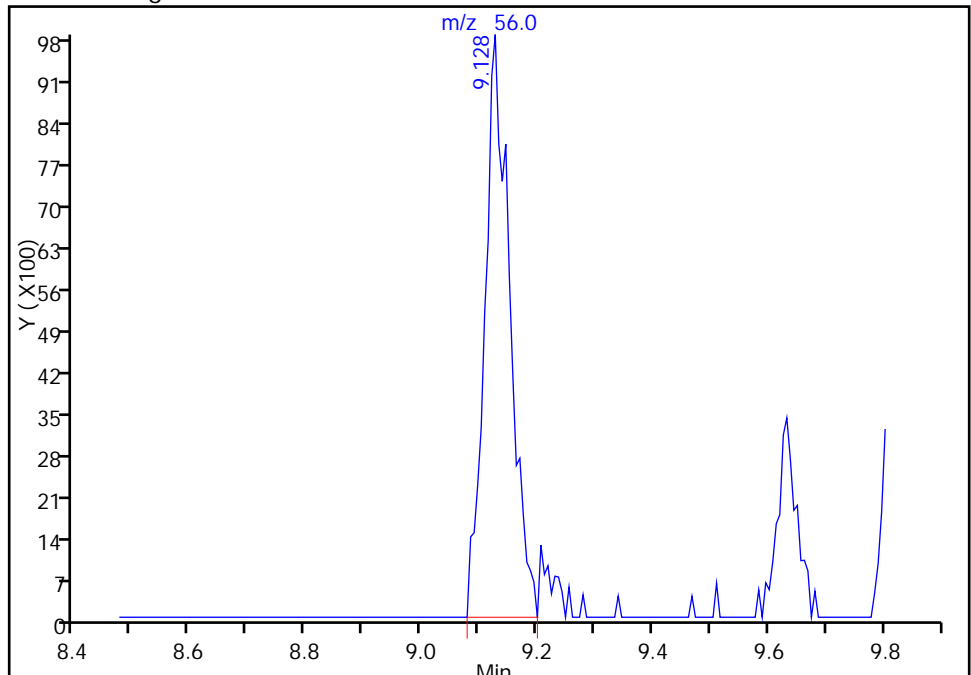
RT: 9.13
Area: 29296
Amount: 0.862995
Amount Units: ug/L

Processing Integration Results



RT: 9.13
Area: 29805
Amount: 0.861753
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:33:35
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22139.D
 Lims ID: IC 3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 21-Jan-2017 02:11:30 ALS Bottle#: 14 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 3
 Misc. Info.: 480-0059910-012
 Operator ID: SO Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 00:26:11 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: goliszekg

Date: 23-Jan-2017 09:34:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	98	296492	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.763	-0.006	88	596657	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.750	0.000	97	598883	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	91	346047	25.0	24.1	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.444	0.006	0	240152	25.0	24.4	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.798	-0.006	94	1230217	25.0	24.8	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	356614	25.0	24.8	
10 Dichlorodifluoromethane	85	3.987	3.981	0.006	99	110494	5.00	5.31	M
11 Chloromethane	50	4.279	4.285	-0.006	98	95617	5.00	5.07	M
17 Vinyl chloride	62	4.504	4.510	-0.006	97	81338	5.00	5.17	M
144 Butadiene	54	4.535	4.535	0.000	99	80362	5.00	5.18	M
12 Bromomethane	94	5.058	5.058	0.000	92	47582	5.00	4.85	
13 Chloroethane	64	5.204	5.198	0.006	96	54298	5.00	5.18	
19 Dichlorofluoromethane	67	5.484	5.484	0.000	97	185059	5.00	5.32	
14 Trichlorofluoromethane	101	5.599	5.599	0.000	94	159491	5.00	5.37	
20 Ethyl ether	59	5.897	5.891	0.006	97	95524	5.00	5.15	
22 Acrolein	56	6.141	6.147	-0.006	99	138412	25.0	24.7	
16 1,1,2-Trichloro-1,2,2-trif	101	6.244	6.238	0.006	92	100083	5.00	5.65	
25 1,1-Dichloroethene	96	6.287	6.281	0.006	94	90155	5.00	5.44	
24 Acetone	43	6.323	6.317	0.006	98	262342	25.0	24.1	
18 Iodomethane	142	6.554	6.548	0.006	99	160939	5.00	5.13	
27 Carbon disulfide	76	6.670	6.664	0.006	100	281108	5.00	5.36	M
30 Methyl acetate	43	6.700	6.694	0.006	99	600942	25.0	25.0	
28 3-Chloro-1-propene	41	6.731	6.731	0.000	86	185256	5.00	5.28	
31 Methylene Chloride	84	6.913	6.901	0.012	97	121730	5.00	5.26	
33 2-Methyl-2-propanol	59	6.932	6.926	0.006	95	200845	50.0	47.6	
32 Methyl tert-butyl ether	73	7.169	7.163	0.006	98	319195	5.00	5.02	
34 Acrylonitrile	53	7.199	7.193	0.006	98	567136	50.0	50.5	
35 trans-1,2-Dichloroethene	96	7.224	7.230	-0.006	93	97319	5.00	5.26	
36 Hexane	57	7.467	7.461	0.006	94	126254	5.00	5.70	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.704	7.698	0.006	97	554930	10.0	10.3	
40 1,1-Dichloroethane	63	7.753	7.747	0.006	97	179119	5.00	5.31	
44 2-Butanone (MEK)	43	8.398	8.398	0.000	99	412951	25.0	25.3	
43 cis-1,2-Dichloroethene	96	8.452	8.446	0.006	84	113026	5.00	5.34	
45 2,2-Dichloropropane	77	8.459	8.452	0.007	62	137756	5.00	5.35	
50 Chlorobromomethane	128	8.769	8.763	0.006	96	51972	5.00	5.07	
51 Tetrahydrofuran	42	8.799	8.793	0.006	82	104606	10.0	10.0	
49 Chloroform	83	8.805	8.805	0.000	95	171644	5.00	5.04	
52 1,1,1-Trichloroethane	97	9.067	9.061	0.006	97	156192	5.00	5.19	
54 Cyclohexane	56	9.134	9.134	0.000	93	197324	5.00	5.56	M
53 Isobutyl alcohol	43	9.213	9.213	0.000	94	172872	125.0	109.9	
56 1,1-Dichloropropene	75	9.243	9.237	0.006	93	135506	5.00	5.71	M
55 Carbon tetrachloride	117	9.262	9.268	-0.006	96	137071	5.00	5.29	
57 Benzene	78	9.517	9.517	0.000	98	364375	5.00	5.23	
60 1,2-Dichloroethane	62	9.541	9.541	0.000	96	170594	5.00	5.13	
59 n-Heptane	43	9.639	9.645	-0.006	96	124104	5.00	5.34	
62 Trichloroethene	95	10.271	10.271	0.000	93	99418	5.00	5.13	
64 Methylcyclohexane	83	10.509	10.503	0.006	96	146590	5.00	5.47	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	84	93014	5.00	5.03	
68 1,4-Dioxane	88	10.709	10.697	0.012	97	29987	100.0	100.2	M
69 Dibromomethane	93	10.764	10.770	-0.006	88	68568	5.00	5.03	
70 Dichlorobromomethane	83	10.910	10.904	0.006	97	112319	5.00	4.81	
71 2-Chloroethyl vinyl ether	63	11.166	11.172	-0.006	94	62966	5.00	4.59	M
73 cis-1,3-Dichloropropene	75	11.446	11.446	0.000	92	139403	5.00	4.80	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.549	0.000	99	771788	25.0	25.9	
76 Toluene	92	11.884	11.884	0.000	98	235711	5.00	5.25	
77 Ethyl methacrylate	69	12.115	12.115	0.000	92	111829	5.00	4.71	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	98	137856	5.00	4.97	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	93	72917	5.00	4.96	
80 Tetrachloroethene	166	12.632	12.632	0.000	86	92894	5.00	5.57	
83 2-Hexanone	43	12.638	12.638	0.000	98	555727	25.0	26.4	
82 1,3-Dichloropropane	76	12.668	12.662	0.006	97	159069	5.00	5.39	
81 Chlorodibromomethane	129	13.009	13.009	0.000	90	83135	5.00	4.69	
85 Ethylene Dibromide	107	13.204	13.204	0.000	97	90502	5.00	5.01	
87 Chlorobenzene	112	13.800	13.800	0.000	95	271718	5.00	5.12	
89 Ethylbenzene	91	13.867	13.867	0.000	99	449427	5.00	5.35	
88 1,1,1,2-Tetrachloroethane	131	13.885	13.879	0.006	92	94304	5.00	5.14	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	163566	5.00	5.27	
93 o-Xylene	106	14.554	14.554	0.000	98	159108	5.00	5.09	
94 Styrene	104	14.573	14.573	0.000	94	248507	5.00	5.12	
92 Bromoform	173	14.925	14.925	0.000	92	49336	5.00	4.29	
95 Isopropylbenzene	105	14.998	14.998	0.000	97	421896	5.00	5.25	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	96	137713	5.00	5.10	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	76	47252	5.00	4.98	
101 1,2,3-Trichloropropane	110	15.522	15.516	0.006	68	43376	5.00	5.31	
100 Bromobenzene	156	15.522	15.516	0.006	93	115386	5.00	5.29	
99 N-Propylbenzene	91	15.534	15.528	0.006	99	553709	5.00	5.55	
103 2-Chlorotoluene	126	15.716	15.716	0.000	94	108077	5.00	5.43	
102 1,3,5-Trimethylbenzene	105	15.728	15.722	0.006	93	371596	5.00	5.42	
105 4-Chlorotoluene	126	15.844	15.844	0.000	98	113221	5.00	5.45	
106 tert-Butylbenzene	134	16.166	16.166	0.000	93	80491	5.00	5.24	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	97	389144	5.00	5.27	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	95	462662	5.00	5.35	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	96	400982	5.00	5.20	
110 1,3-Dichlorobenzene	146	16.677	16.677	0.000	97	230392	5.00	5.24	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	96	233389	5.00	5.20	
115 n-Butylbenzene	91	17.103	17.103	0.000	98	378293	5.00	5.31	
116 1,2-Dichlorobenzene	146	17.268	17.262	0.006	96	233612	5.00	5.21	
117 1,2-Dibromo-3-Chloropropan	75	18.235	18.241	-0.006	72	33713	5.00	4.67	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	150770	5.00	5.03	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	88	43703	5.00	5.13	
121 Naphthalene	128	19.713	19.707	0.006	98	485084	5.00	4.83	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	95	139005	5.00	5.01	
S 126 Xylenes, Total	1				0			10.4	
S 123 1,2-Dichloroethene, Total	1				0			10.6	
S 124 1,3-Dichloropropene, Total	1				0			9.77	
S 125 Total BTEX	1				0			26.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00091	Amount Added: 5.00	Units: uL	
GAS CORP mix_00201	Amount Added: 5.00	Units: uL	
P 8260 IS_00196	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00208	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22139.D

Injection Date: 21-Jan-2017 02:11:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: IC 3

Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL

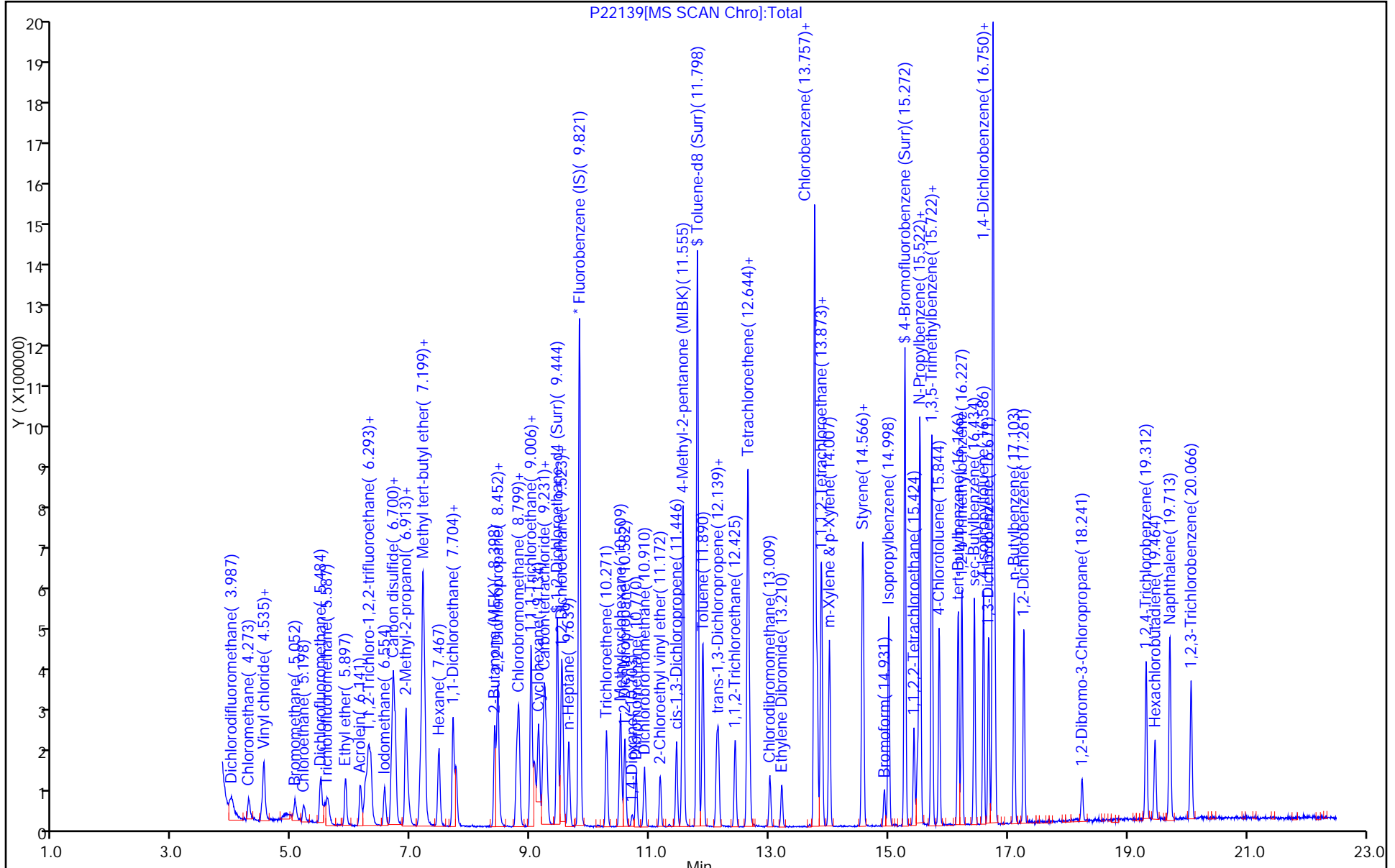
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



P22139[MS SCAN Chro]:Total

Y (X100000)

1.0 3.0 5.0 7.0 9.0 11.0 13.0 15.0 17.0 19.0 21.0 23.0

Min

TestAmerica Buffalo

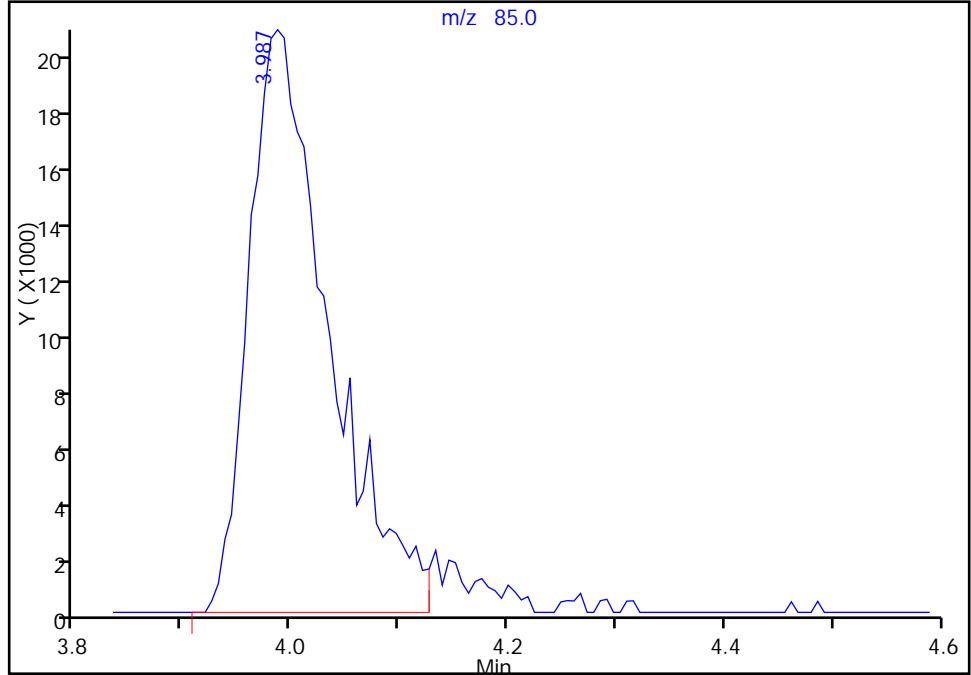
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Injection Date: 21-Jan-2017 02:11:30 Instrument ID: HP5973P
Lims ID: IC 3
Client ID:
Operator ID: SO ALS Bottle#: 14 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

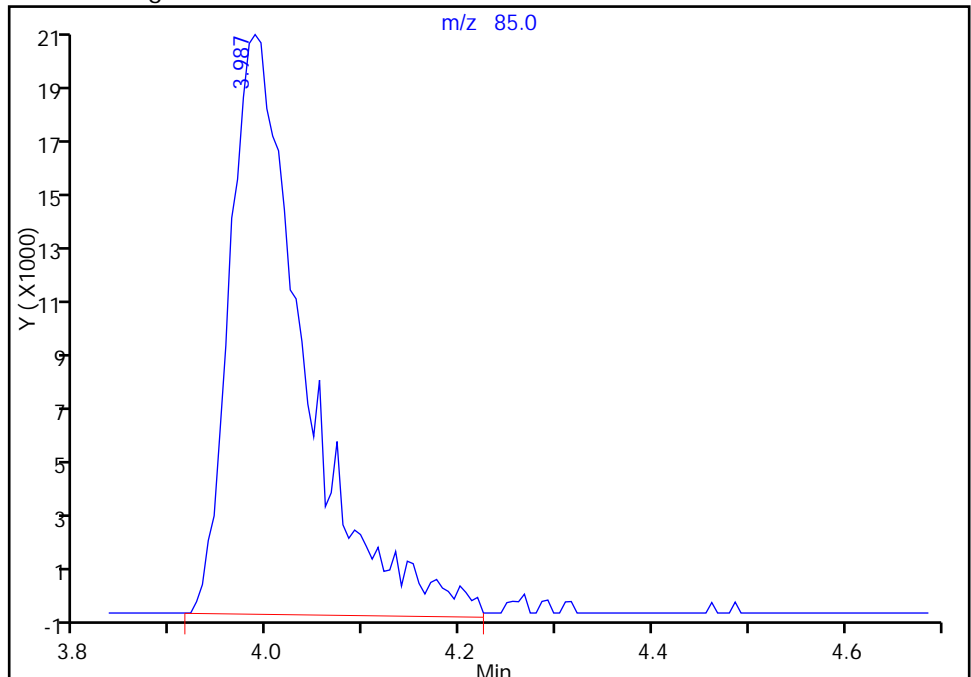
RT: 3.99
Area: 103378
Amount: 5.081271
Amount Units: ug/L

Processing Integration Results



RT: 3.99
Area: 110494
Amount: 5.307174
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:30:53
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

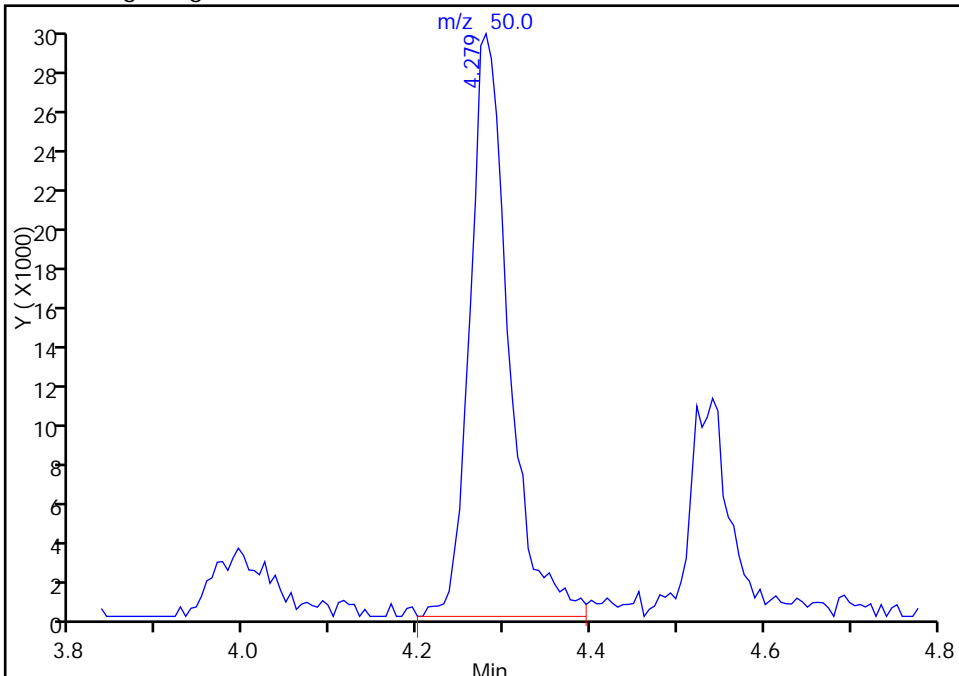
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Injection Date: 21-Jan-2017 02:11:30 Instrument ID: HP5973P
Lims ID: IC 3
Client ID:
Operator ID: SO ALS Bottle#: 14 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

11 Chloromethane, CAS: 74-87-3

Signal: 1

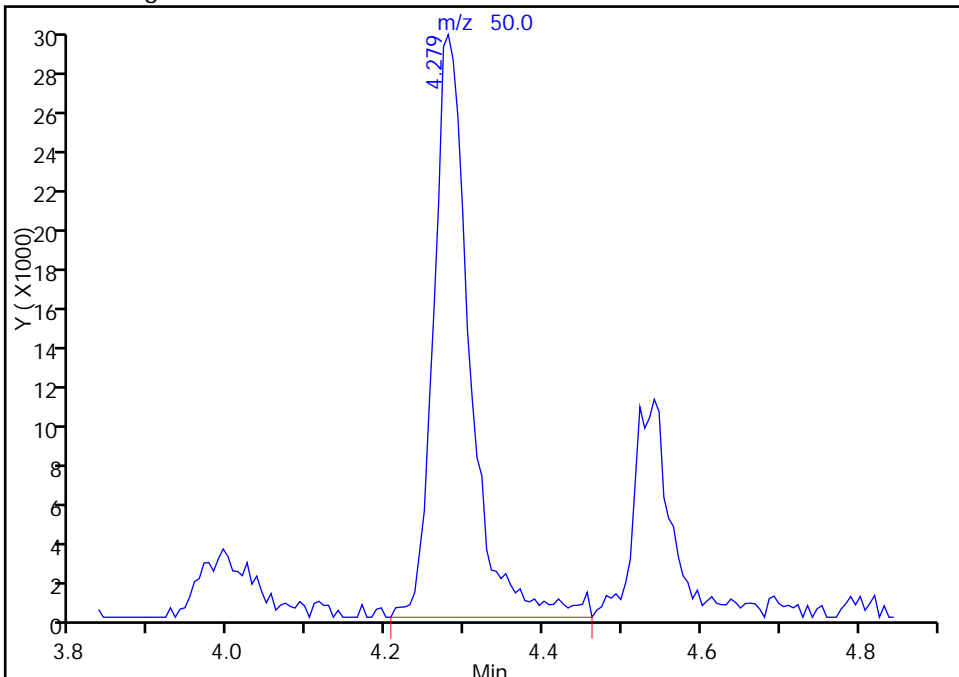
RT: 4.28
Area: 92938
Amount: 5.013273
Amount Units: ug/L

Processing Integration Results



RT: 4.28
Area: 95617
Amount: 5.067841
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:32:12
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

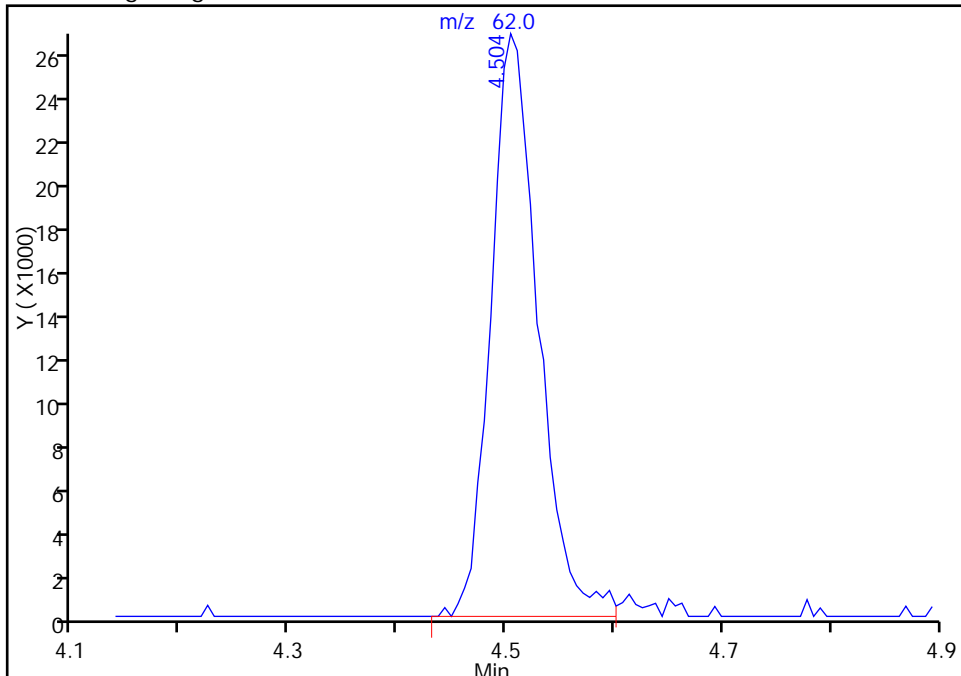
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Injection Date: 21-Jan-2017 02:11:30 Instrument ID: HP5973P
Lims ID: IC 3
Client ID:
Operator ID: SO ALS Bottle#: 14 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4

Signal: 1

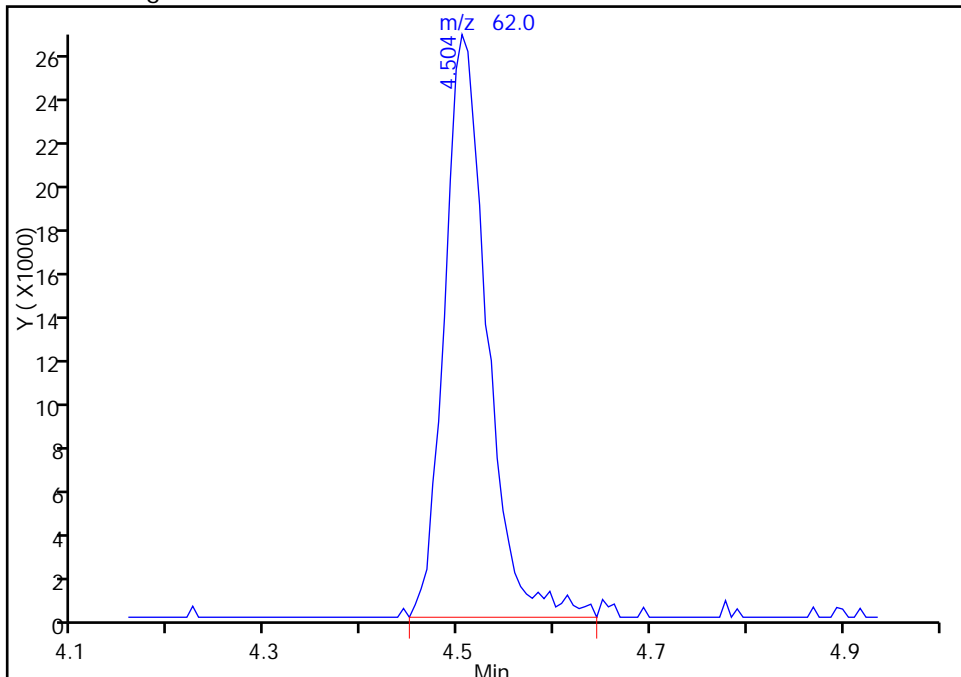
RT: 4.50
Area: 80159
Amount: 5.108149
Amount Units: ug/L

Processing Integration Results



RT: 4.50
Area: 81338
Amount: 5.172179
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:37:14
Audit Action: Manually Integrated

Audit Reason: Peak Tail

TestAmerica Buffalo

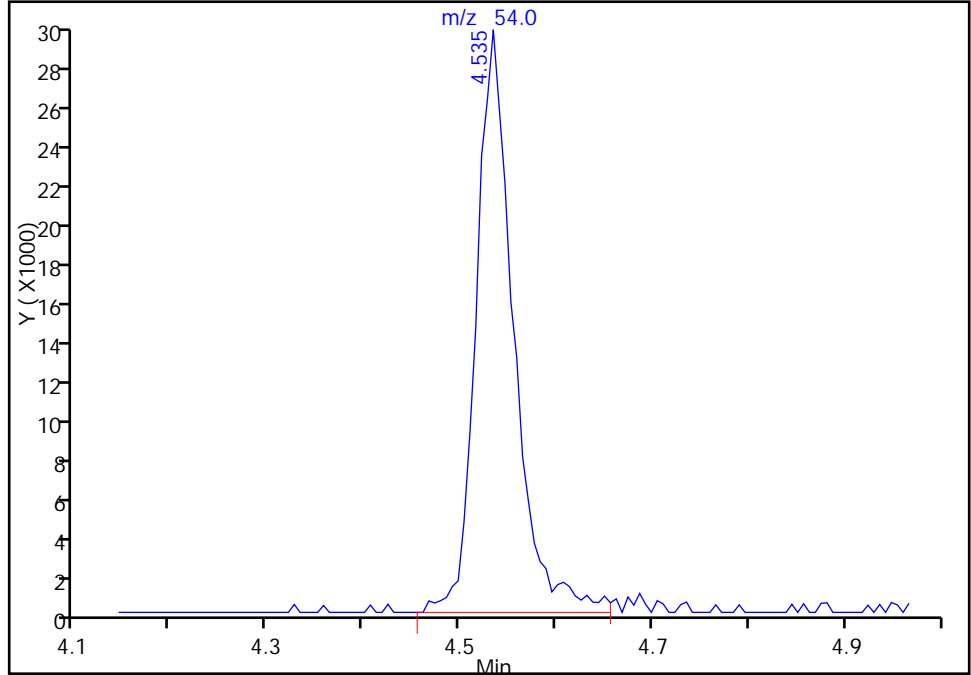
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Injection Date: 21-Jan-2017 02:11:30 Instrument ID: HP5973P
Lims ID: IC 3
Client ID:
Operator ID: SO ALS Bottle#: 14 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

144 Butadiene, CAS: 106-99-0

Signal: 1

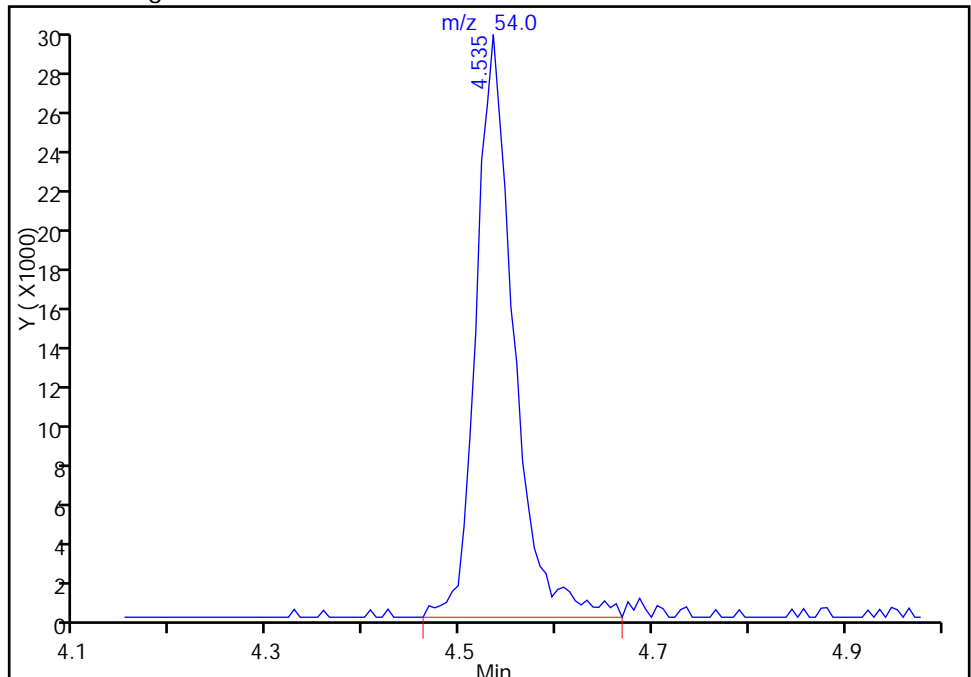
RT: 4.53
Area: 80112
Amount: 5.376806
Amount Units: ug/L

Processing Integration Results



RT: 4.53
Area: 80362
Amount: 5.182459
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:37:14
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

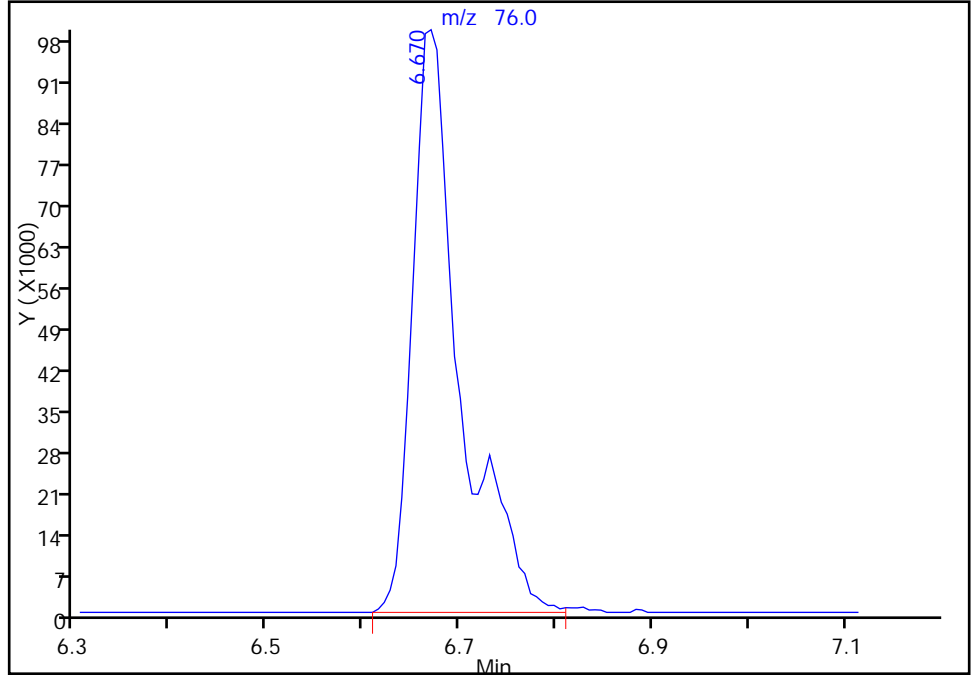
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Lims ID: IC 3
Client ID:
Operator ID: SO ALS Bottle#: 14 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

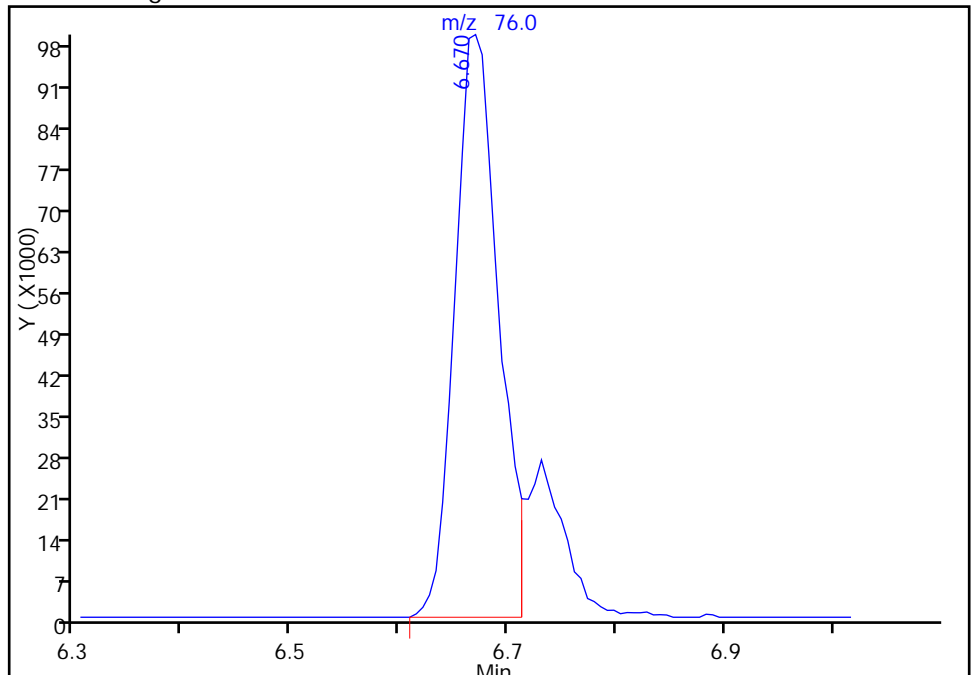
RT: 6.67
Area: 342210
Amount: 6.157788
Amount Units: ug/L

Processing Integration Results



RT: 6.67
Area: 281108
Amount: 5.360380
Amount Units: ug/L

Manual Integration Results



Reviewer: goliszekg, 23-Jan-2017 09:34:37
Audit Action: Split an Integrated Peak

Audit Reason: Poor chromatography

TestAmerica Buffalo

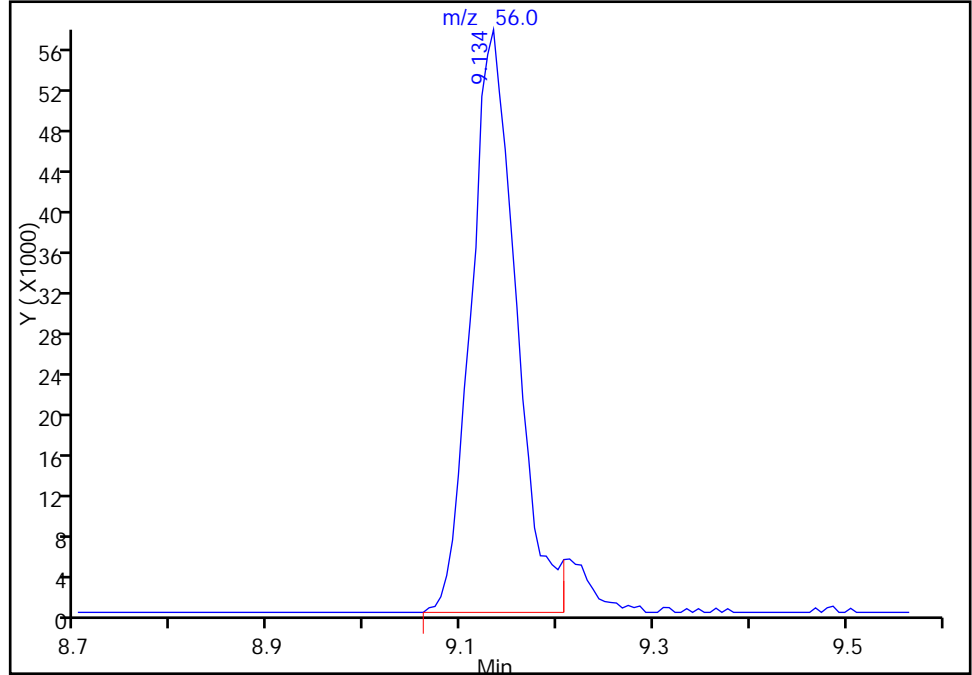
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Lims ID: IC 3
Client ID:
Operator ID: SO ALS Bottle#: 14 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

54 Cyclohexane, CAS: 110-82-7

Signal: 1

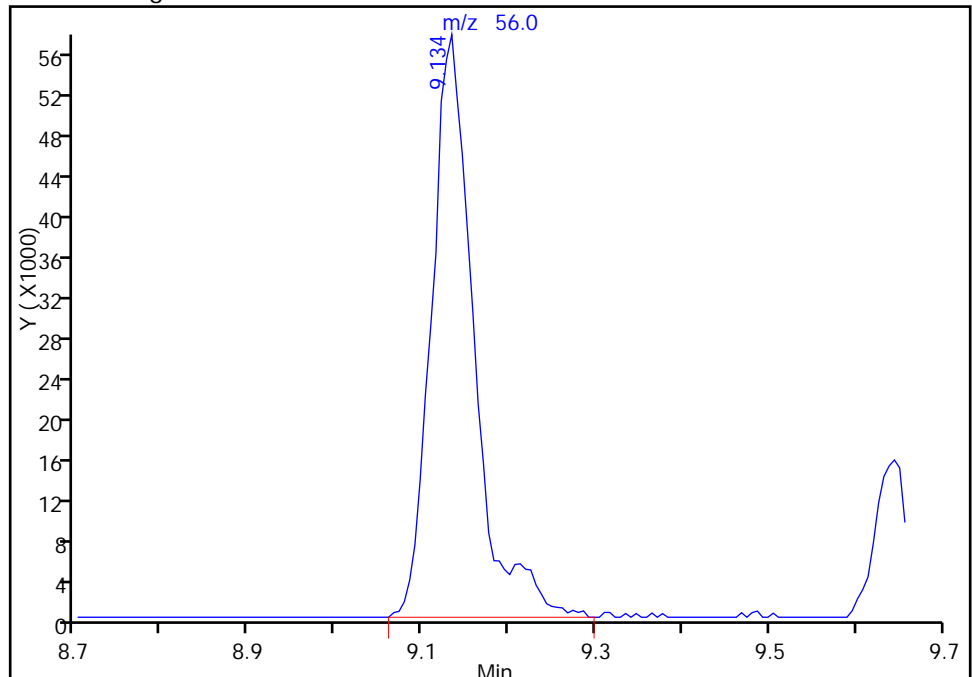
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Area: 187545
Amount: 5.370515
Amount Units: ug/L

Processing Integration Results



RT: 9.13
Area: 197324
Amount: 5.557933
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:38:45
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

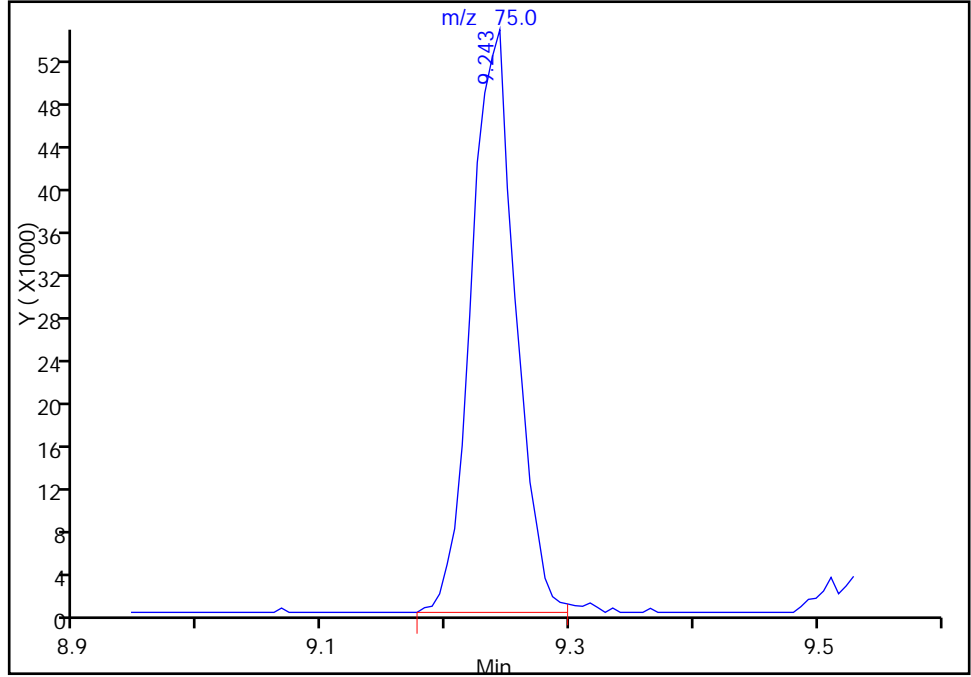
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Injection Date: 21-Jan-2017 02:11:30 Instrument ID: HP5973P
Lims ID: IC 3
Client ID:
Operator ID: SO ALS Bottle#: 14 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

56 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

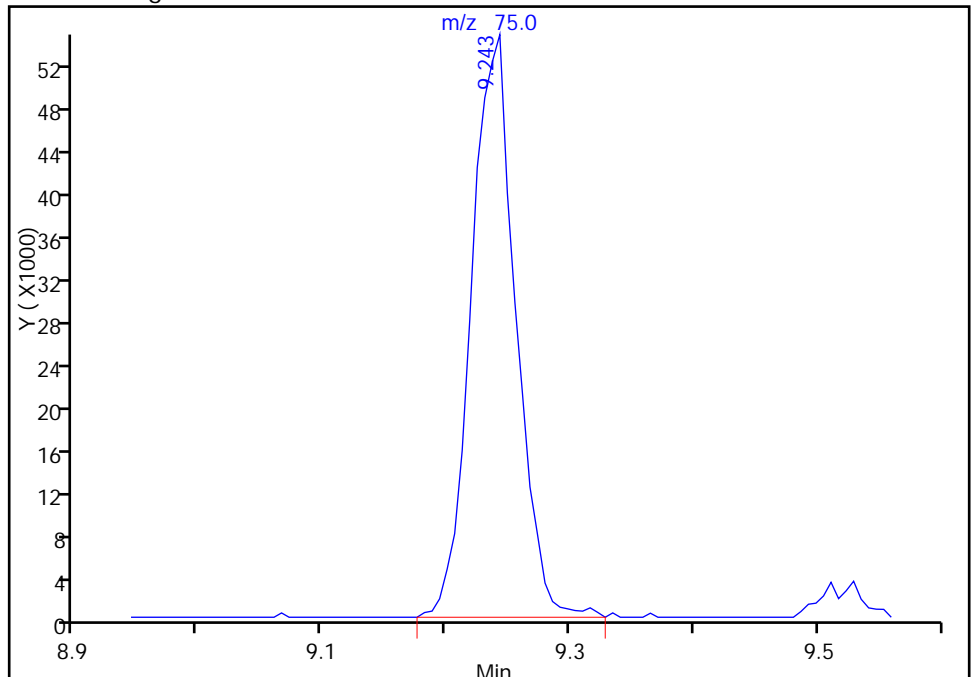
RT: 9.24
Area: 134594
Amount: 5.578525
Amount Units: ug/L

Processing Integration Results



RT: 9.24
Area: 135506
Amount: 5.714222
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:44:31
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

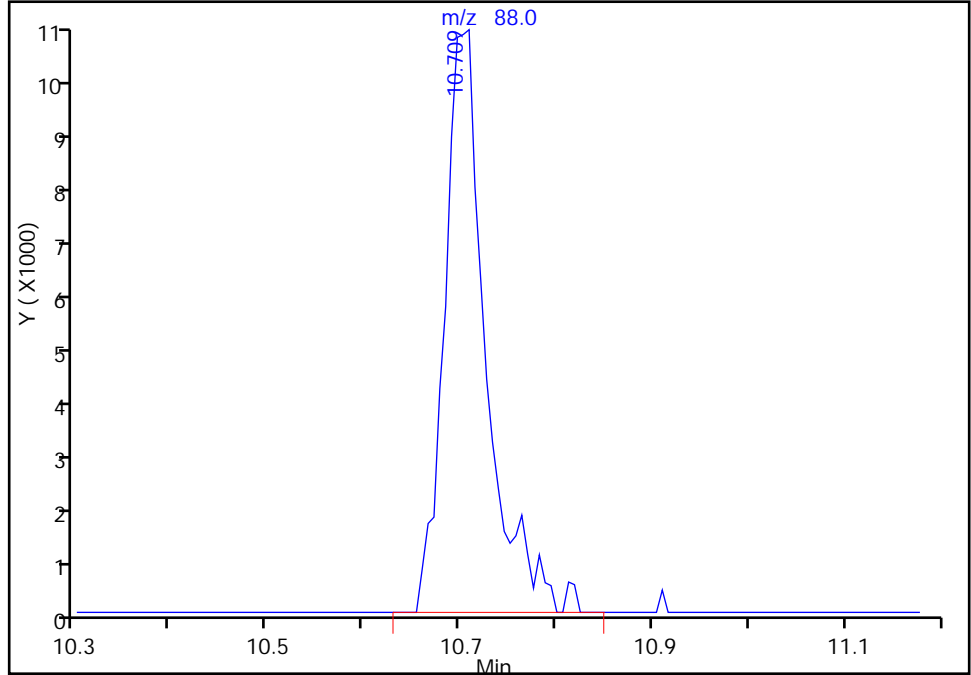
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Injection Date: 21-Jan-2017 02:11:30 Instrument ID: HP5973P
Lims ID: IC 3
Client ID:
Operator ID: SO ALS Bottle#: 14 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

68 1,4-Dioxane, CAS: 123-91-1

Signal: 1

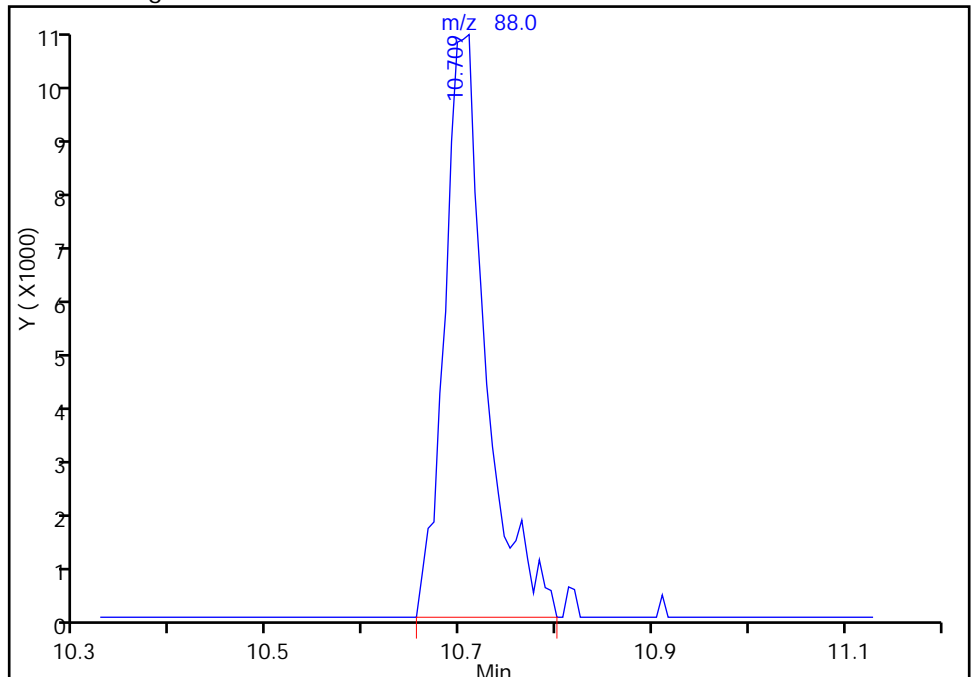
RT: 10.71
Area: 30352
Amount: 102.5782
Amount Units: ug/L

Processing Integration Results



RT: 10.71
Area: 29987
Amount: 100.1561
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:44:31
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

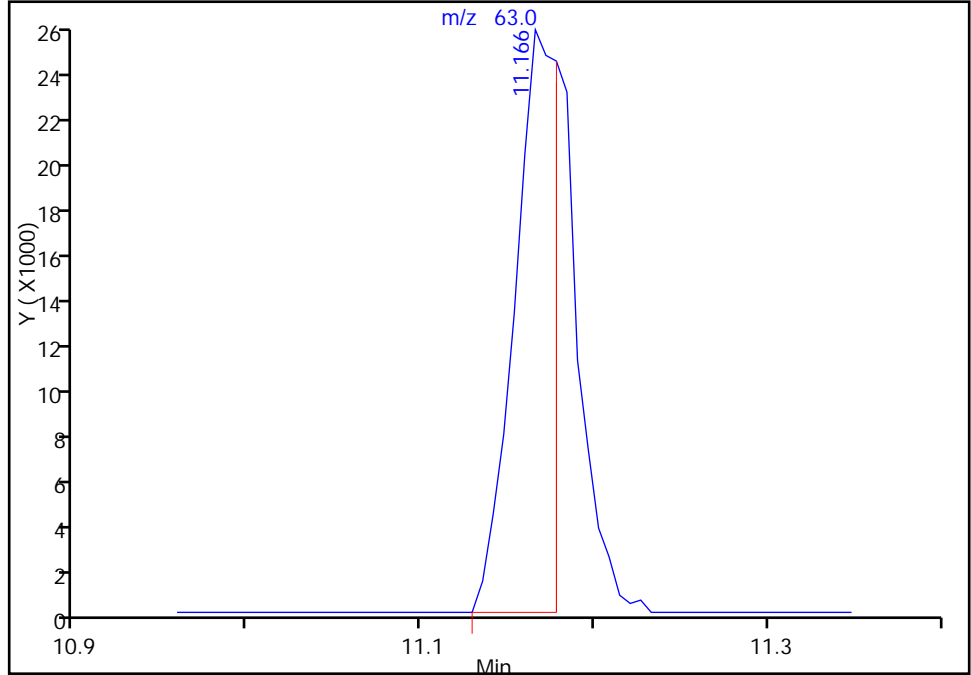
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22139.D
Injection Date: 21-Jan-2017 02:11:30 Instrument ID: HP5973P
Lims ID: IC 3
Client ID:
Operator ID: SO ALS Bottle#: 14 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

71 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

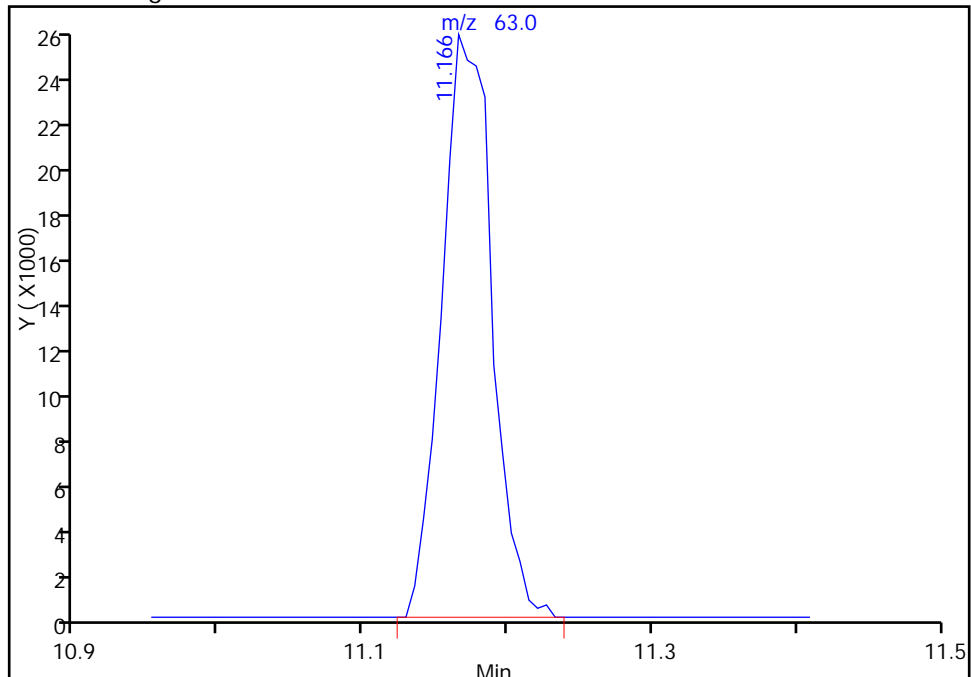
RT: 11.17
Area: 44826
Amount: 3.395092
Amount Units: ug/L

Processing Integration Results



RT: 11.17
Area: 62966
Amount: 4.588870
Amount Units: ug/L

Manual Integration Results



Reviewer: goliszekg, 23-Jan-2017 09:34:37
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22140.D
 Lims ID: IC 4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 21-Jan-2017 02:38:30 ALS Bottle#: 15 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 4
 Misc. Info.: 480-0059910-013
 Operator ID: SO Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 00:26:14 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: goliszekg

Date: 23-Jan-2017 09:33:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	98	286965	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	87	586398	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.751	0.000	97	594812	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	91	359798	25.0	25.9	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	242376	25.0	25.5	
\$ 5 Toluene-d8 (Surr)	98	11.799	11.799	0.000	94	1222393	25.0	25.1	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	359472	25.0	25.4	
10 Dichlorodifluoromethane	85	3.987	3.987	0.000	99	185342	10.0	9.20	
11 Chloromethane	50	4.285	4.285	0.000	98	171286	10.0	9.94	M
17 Vinyl chloride	62	4.516	4.516	0.000	98	148543	10.0	9.76	M
144 Butadiene	54	4.541	4.541	0.000	97	143681	10.0	9.57	
12 Bromomethane	94	5.058	5.058	0.000	93	87241	10.0	9.18	M
13 Chloroethane	64	5.198	5.198	0.000	96	90355	10.0	8.91	
19 Dichlorofluoromethane	67	5.490	5.490	0.000	98	321035	10.0	9.53	
14 Trichlorofluoromethane	101	5.605	5.605	0.000	97	266613	10.0	9.27	
20 Ethyl ether	59	5.904	5.904	0.000	96	189534	10.0	10.6	M
22 Acrolein	56	6.153	6.153	0.000	98	281390	50.0	51.9	
16 1,1,2-Trichloro-1,2,2-trif	101	6.244	6.244	0.000	94	172406	10.0	10.1	
25 1,1-Dichloroethene	96	6.293	6.293	0.000	95	163389	10.0	10.2	
24 Acetone	43	6.329	6.329	0.000	98	541419	50.0	51.4	
18 Iodomethane	142	6.561	6.561	0.000	99	309964	10.0	10.2	
27 Carbon disulfide	76	6.670	6.670	0.000	99	527214	10.0	10.4	M
30 Methyl acetate	43	6.700	6.700	0.000	100	1218928	50.0	52.3	
28 3-Chloro-1-propene	41	6.737	6.737	0.000	88	348582	10.0	10.3	
31 Methylene Chloride	84	6.907	6.907	0.000	97	223574	10.0	11.1	
33 2-Methyl-2-propanol	59	6.938	6.938	0.000	96	413751	100.0	101.2	
32 Methyl tert-butyl ether	73	7.169	7.169	0.000	98	640621	10.0	10.4	
34 Acrylonitrile	53	7.199	7.199	0.000	99	1138488	100.0	104.8	
35 trans-1,2-Dichloroethene	96	7.230	7.230	0.000	94	185287	10.0	10.4	
36 Hexane	57	7.461	7.461	0.000	95	214480	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.704	7.704	0.000	97	1104283	20.0	21.3	
40 1,1-Dichloroethane	63	7.753	7.753	0.000	96	343253	10.0	10.5	
44 2-Butanone (MEK)	43	8.398	8.398	0.000	99	825889	50.0	52.2	
43 cis-1,2-Dichloroethene	96	8.453	8.453	0.000	85	213050	10.0	10.4	
45 2,2-Dichloropropane	77	8.453	8.453	0.000	56	251991	10.0	10.1	
50 Chlorobromomethane	128	8.769	8.769	0.000	94	105530	10.0	10.6	
51 Tetrahydrofuran	42	8.799	8.799	0.000	81	208645	20.0	20.7	M
49 Chloroform	83	8.805	8.805	0.000	96	340483	10.0	10.3	
52 1,1,1-Trichloroethane	97	9.061	9.061	0.000	98	292026	10.0	10.0	
54 Cyclohexane	56	9.134	9.134	0.000	94	345431	10.0	10.1	M
53 Isobutyl alcohol	43	9.213	9.213	0.000	94	386257	250.0	253.6	
56 1,1-Dichloropropene	75	9.237	9.237	0.000	91	230568	10.0	10.0	
55 Carbon tetrachloride	117	9.268	9.268	0.000	97	252104	10.0	10.1	
57 Benzene	78	9.523	9.523	0.000	97	701261	10.0	10.4	
60 1,2-Dichloroethane	62	9.541	9.541	0.000	96	330350	10.0	10.3	
59 n-Heptane	43	9.639	9.639	0.000	95	209344	10.0	9.31	
62 Trichloroethene	95	10.272	10.272	0.000	96	189957	10.0	10.1	
64 Methylcyclohexane	83	10.509	10.509	0.000	97	257968	10.0	9.95	
63 1,2-Dichloropropane	63	10.588	10.588	0.000	91	185703	10.0	10.4	
68 1,4-Dioxane	88	10.703	10.703	0.000	97	60283	200.0	204.9	M
69 Dibromomethane	93	10.770	10.770	0.000	91	133080	10.0	10.1	
70 Dichlorobromomethane	83	10.910	10.910	0.000	98	225748	10.0	10.0	
71 2-Chloroethyl vinyl ether	63	11.172	11.172	0.000	93	134009	10.0	10.1	
73 cis-1,3-Dichloropropene	75	11.446	11.446	0.000	91	293521	10.0	10.4	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.555	0.000	99	1578856	50.0	53.9	
76 Toluene	92	11.884	11.884	0.000	98	455349	10.0	10.3	
77 Ethyl methacrylate	69	12.115	12.115	0.000	93	238449	10.0	10.2	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	95	274597	10.0	10.1	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	93	143183	10.0	9.91	
80 Tetrachloroethene	166	12.632	12.632	0.000	87	167177	10.0	10.2	
83 2-Hexanone	43	12.644	12.644	0.000	99	1134849	50.0	54.9	
82 1,3-Dichloropropane	76	12.668	12.668	0.000	98	304631	10.0	10.5	
81 Chlorodibromomethane	129	13.009	13.009	0.000	91	172422	10.0	9.89	
85 Ethylene Dibromide	107	13.210	13.210	0.000	98	184021	10.0	10.4	
87 Chlorobenzene	112	13.800	13.800	0.000	94	526640	10.0	10.1	
89 Ethylbenzene	91	13.867	13.867	0.000	99	852329	10.0	10.3	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.879	0.000	93	184743	10.0	10.2	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	309581	10.0	10.1	
93 o-Xylene	106	14.554	14.554	0.000	97	321359	10.0	10.5	
94 Styrene	104	14.573	14.573	0.000	96	495723	10.0	10.4	
92 Bromoform	173	14.925	14.925	0.000	92	110091	10.0	9.73	
95 Isopropylbenzene	105	14.998	14.998	0.000	97	825114	10.0	10.3	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	97	272068	10.0	10.1	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	80	95872	10.0	10.2	
100 Bromobenzene	156	15.516	15.516	0.000	92	220242	10.0	10.2	
101 1,2,3-Trichloropropane	110	15.516	15.516	0.000	76	84352	10.0	10.4	
99 N-Propylbenzene	91	15.528	15.528	0.000	99	1027352	10.0	10.4	
103 2-Chlorotoluene	126	15.716	15.716	0.000	94	204820	10.0	10.4	
102 1,3,5-Trimethylbenzene	105	15.728	15.728	0.000	95	702495	10.0	10.3	
105 4-Chlorotoluene	126	15.850	15.850	0.000	99	212772	10.0	10.3	
106 tert-Butylbenzene	134	16.167	16.167	0.000	93	150612	10.0	9.88	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	97	758606	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	95	857415	10.0	9.99	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	773645	10.0	10.1	
110 1,3-Dichlorobenzene	146	16.678	16.678	0.000	98	447071	10.0	10.2	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	94	458521	10.0	10.3	
115 n-Butylbenzene	91	17.103	17.103	0.000	98	702067	10.0	9.93	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	96	457059	10.0	10.3	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	76	66014	10.0	9.20	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	295770	10.0	9.93	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	90	82446	10.0	9.74	
121 Naphthalene	128	19.713	19.713	0.000	97	1006271	10.0	10.1	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	96	278404	10.0	10.1	
S 124 1,3-Dichloropropene, Total	1				0			20.5	
S 125 Total BTEX	1				0			51.7	
S 126 Xylenes, Total	1				0			20.6	
S 123 1,2-Dichloroethene, Total	1				0			20.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00091

Amount Added: 5.00

Units: uL

GAS CORP mix_00201

Amount Added: 5.00

Units: uL

P 8260 IS_00196

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00208

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22140.D

Injection Date: 21-Jan-2017 02:38:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: IC 4

Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL

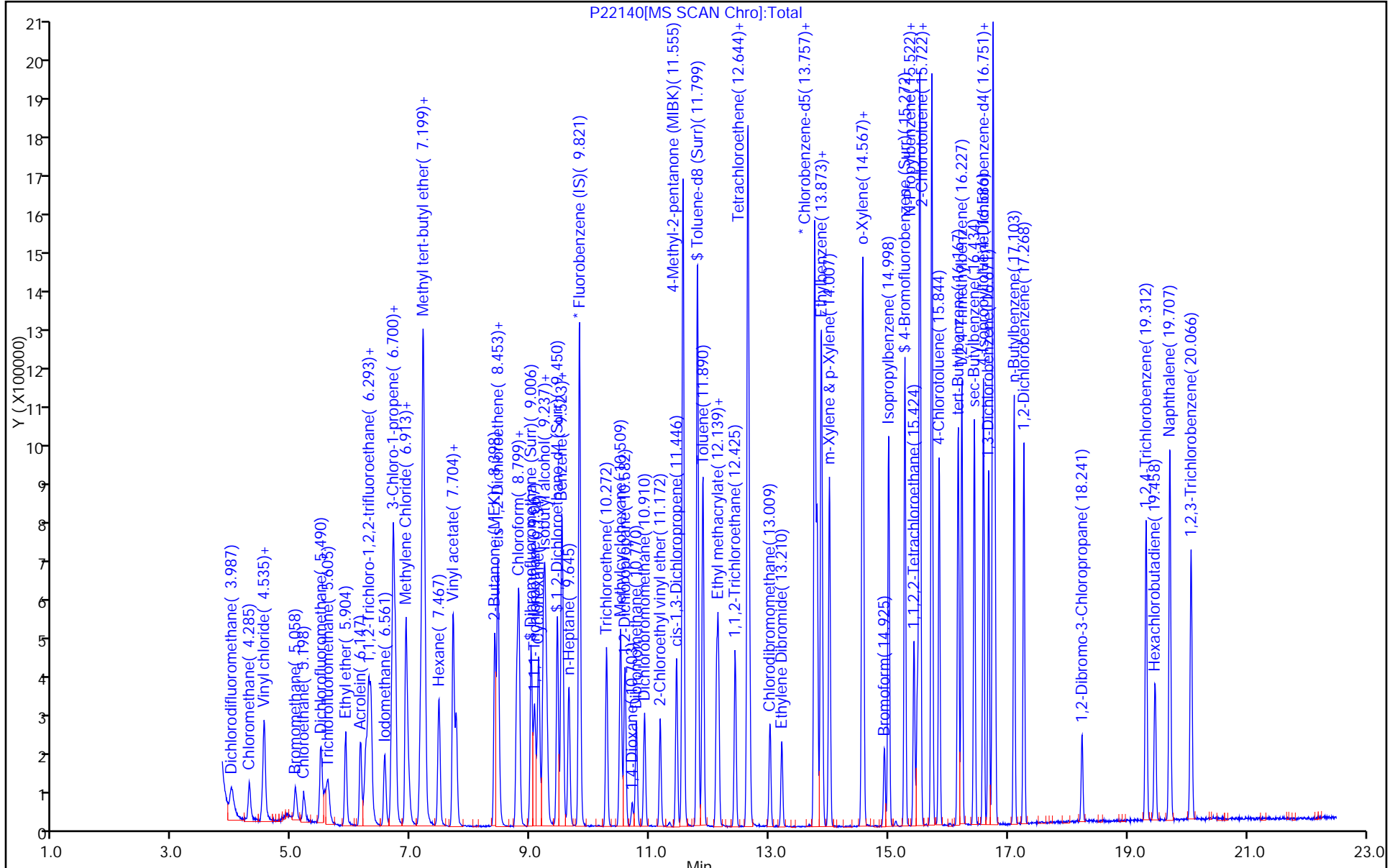
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

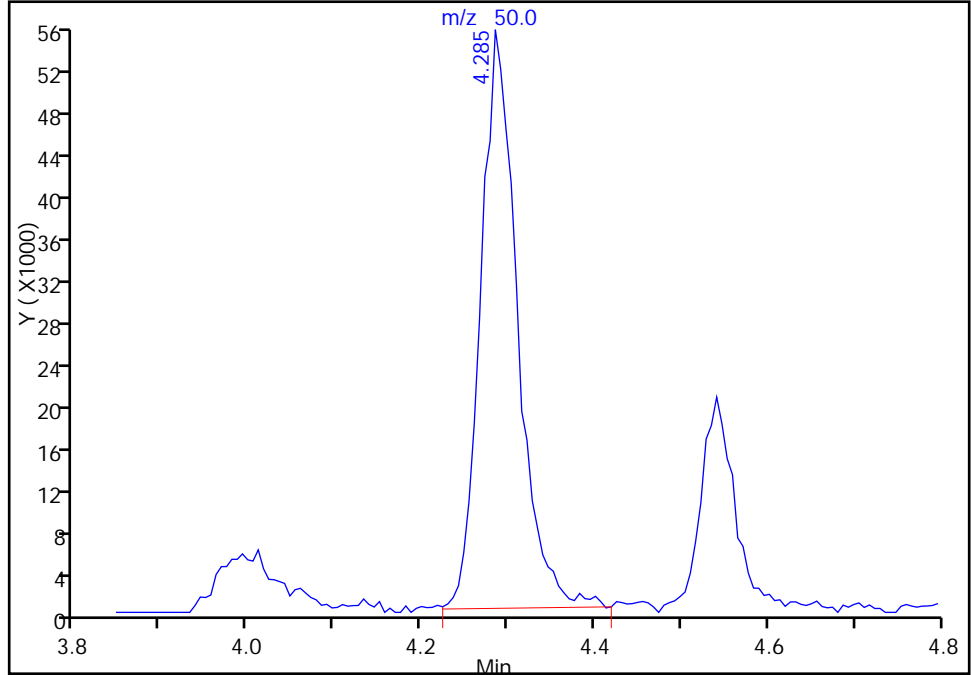
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Injection Date: 21-Jan-2017 02:38:30 Instrument ID: HP5973P
Lims ID: IC 4
Client ID:
Operator ID: SO ALS Bottle#: 15 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

11 Chloromethane, CAS: 74-87-3

Signal: 1

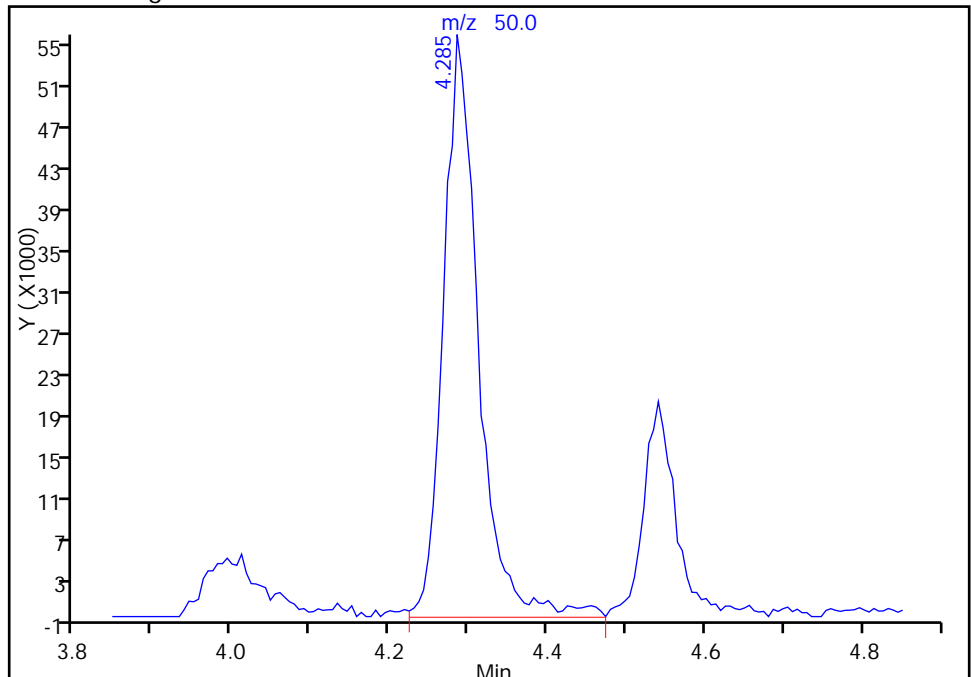
RT: 4.29
Area: 162714
Amount: 9.141319
Amount Units: ug/L

Processing Integration Results



RT: 4.29
Area: 171286
Amount: 9.939703
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:31:53
Audit Action: Manually Integrated

Audit Reason: Peak Tail

TestAmerica Buffalo

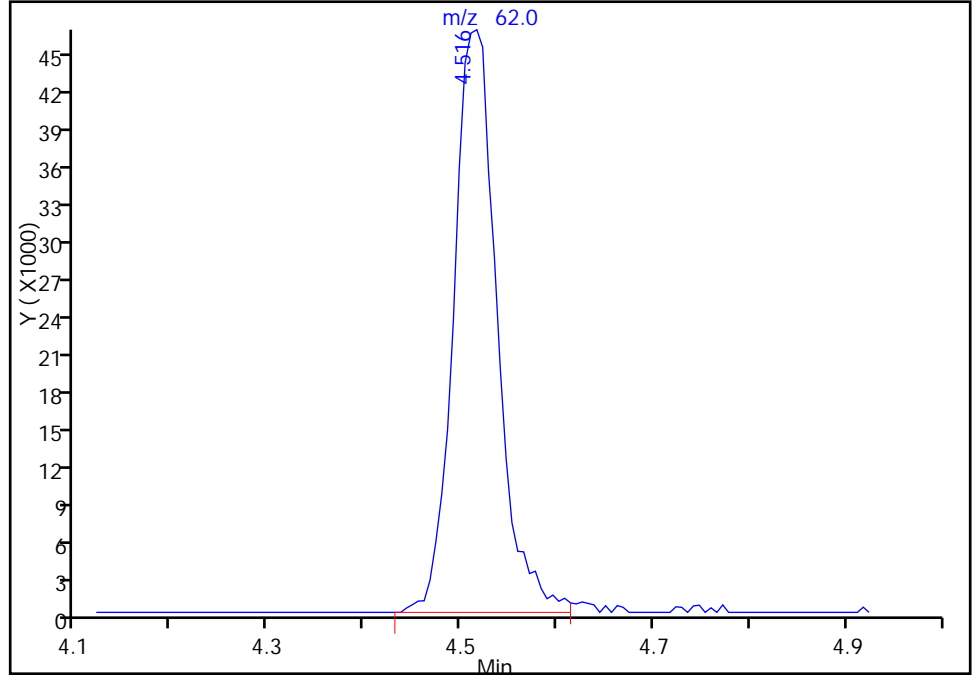
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Injection Date: 21-Jan-2017 02:38:30 Instrument ID: HP5973P
Lims ID: IC 4
Client ID:
Operator ID: SO ALS Bottle#: 15 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4

Signal: 1

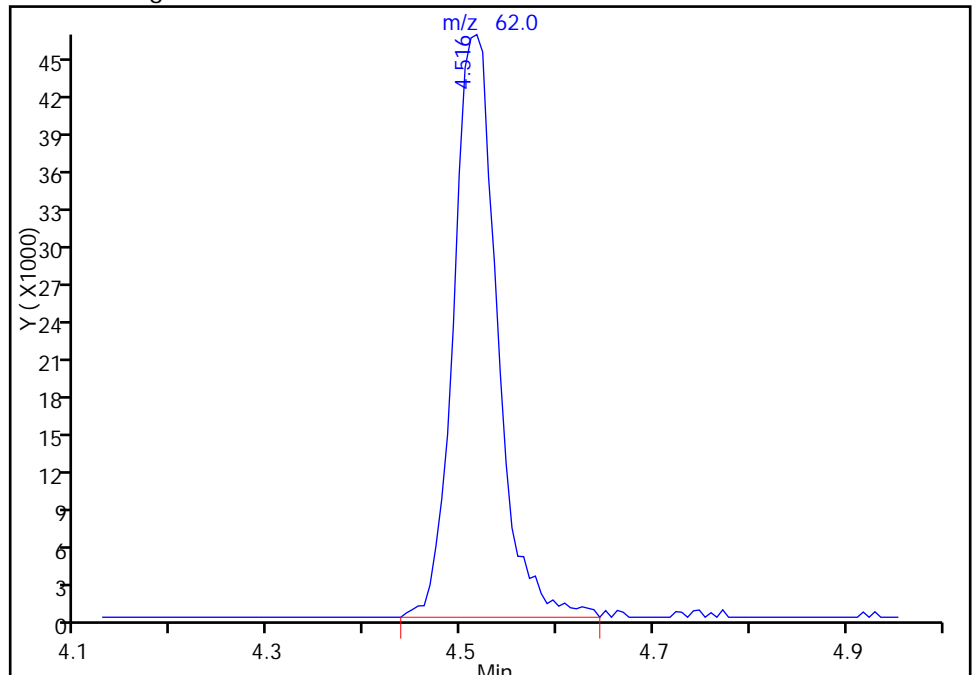
RT: 4.52
Area: 147503
Amount: 9.721230
Amount Units: ug/L

Processing Integration Results



RT: 4.52
Area: 148543
Amount: 9.759246
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:36:16
Audit Action: Manually Integrated

Audit Reason: Peak Tail

TestAmerica Buffalo

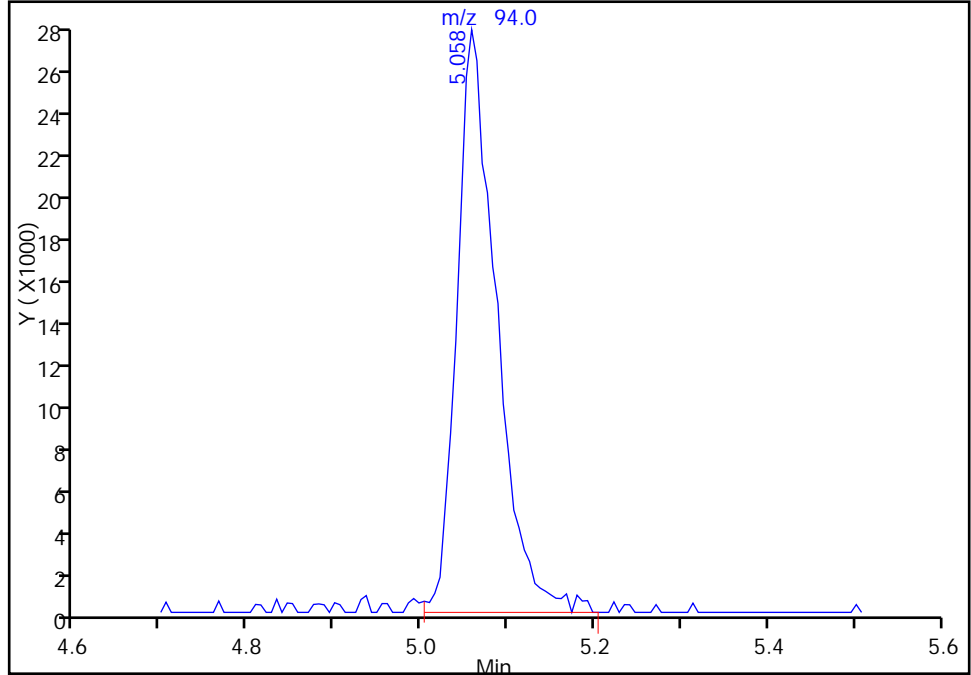
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Injection Date: 21-Jan-2017 02:38:30 Instrument ID: HP5973P
Lims ID: IC 4
Client ID:
Operator ID: SO ALS Bottle#: 15 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

12 Bromomethane, CAS: 74-83-9

Signal: 1

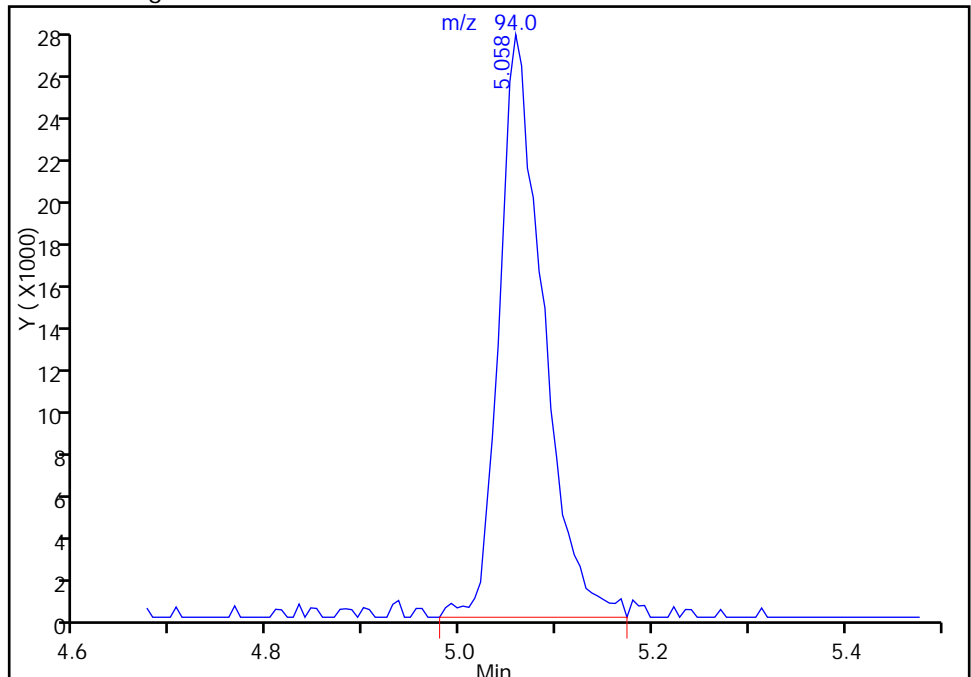
RT: 5.06
Area: 87371
Amount: 9.193054
Amount Units: ug/L

Processing Integration Results



RT: 5.06
Area: 87241
Amount: 9.181469
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:45:56
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

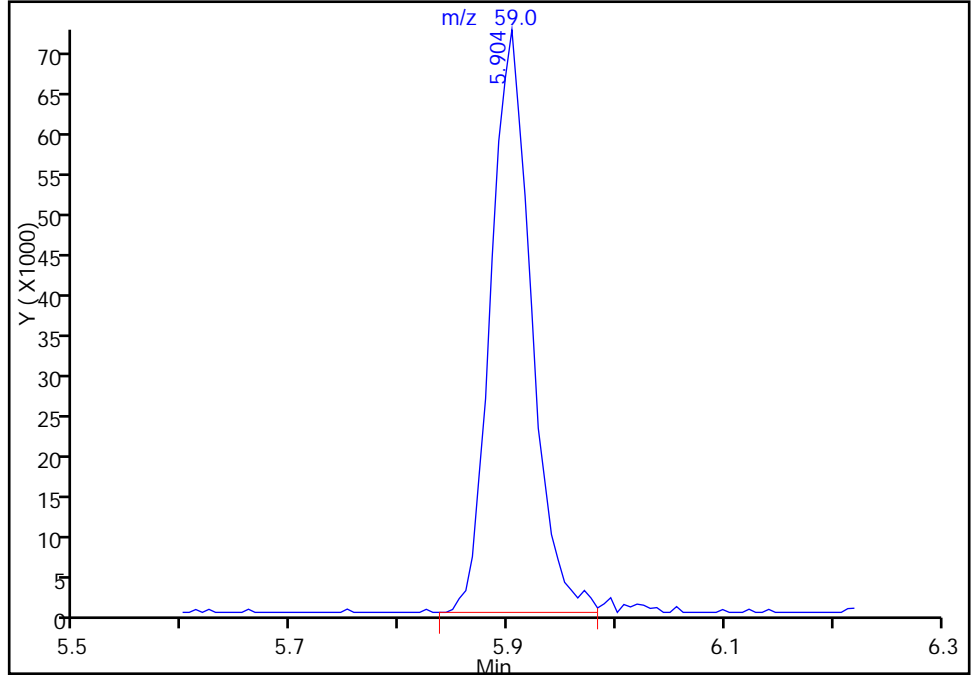
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Injection Date: 21-Jan-2017 02:38:30 Instrument ID: HP5973P
Lims ID: IC 4
Client ID:
Operator ID: SO ALS Bottle#: 15 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

20 Ethyl ether, CAS: 60-29-7

Signal: 1

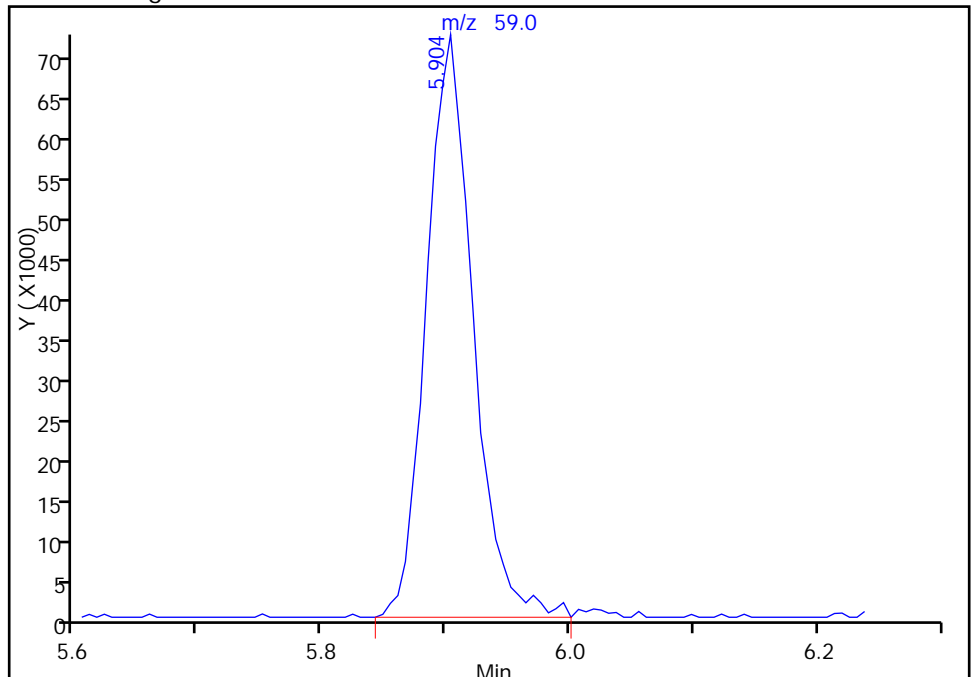
RT: 5.90
Area: 188485
Amount: 10.235701
Amount Units: ug/L

Processing Integration Results



RT: 5.90
Area: 189534
Amount: 10.563029
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:45:56
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

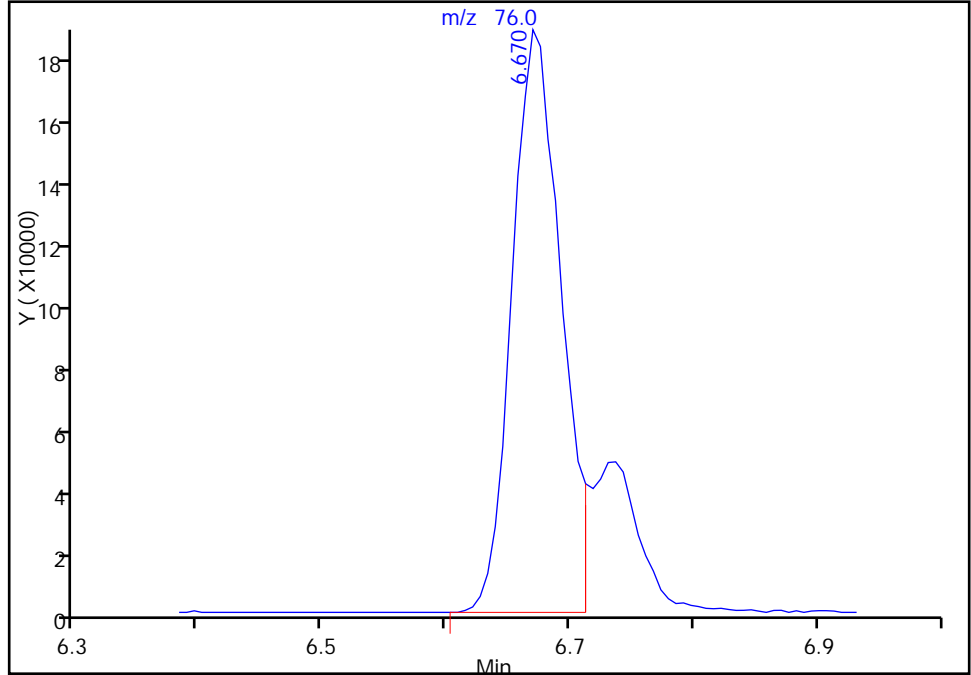
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Lims ID: IC 4
Client ID:
Operator ID: SO ALS Bottle#: 15 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

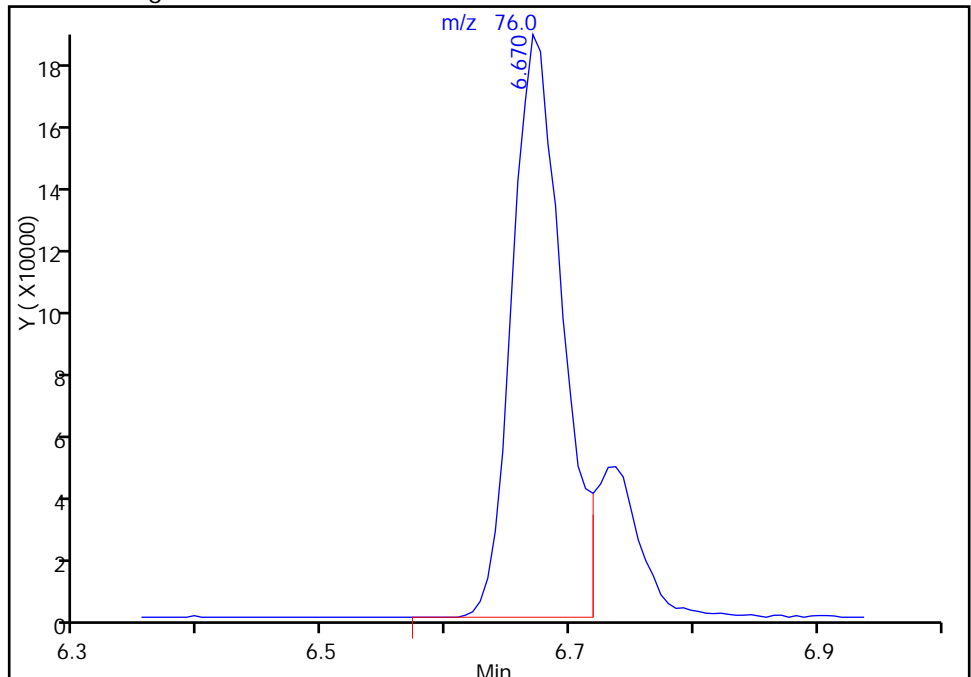
RT: 6.67
Area: 512792
Amount: 9.570267
Amount Units: ug/L

Processing Integration Results



RT: 6.67
Area: 527214
Amount: 10.387077
Amount Units: ug/L

Manual Integration Results



Reviewer: goliszekg, 23-Jan-2017 09:33:34
Audit Action: Split an Integrated Peak

Audit Reason: Poor chromatography

TestAmerica Buffalo

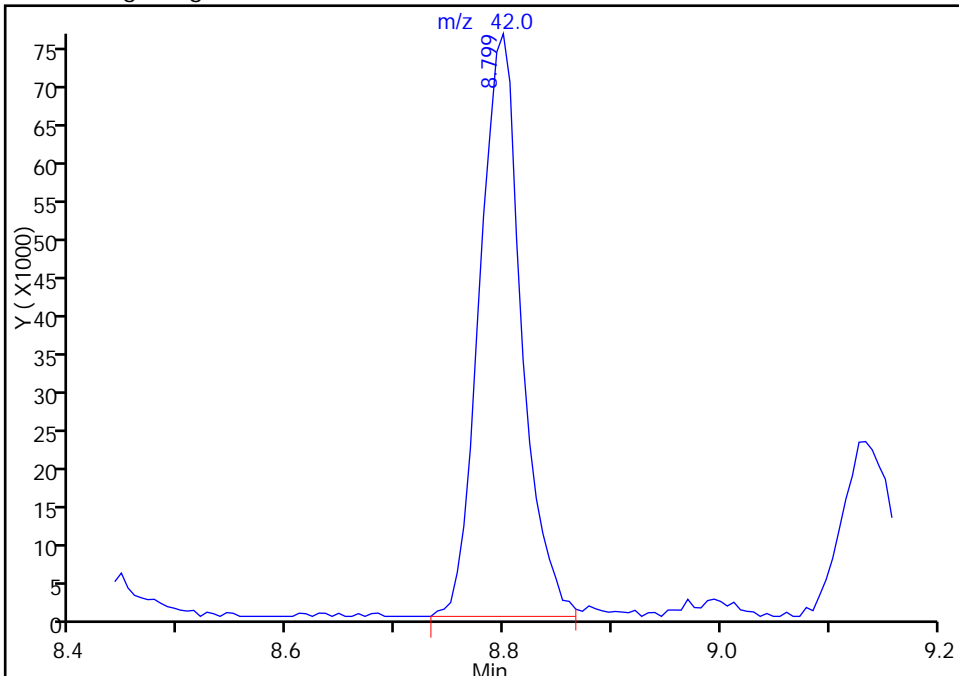
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Injection Date: 21-Jan-2017 02:38:30 Instrument ID: HP5973P
Lims ID: IC 4
Client ID:
Operator ID: SO ALS Bottle#: 15 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

51 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

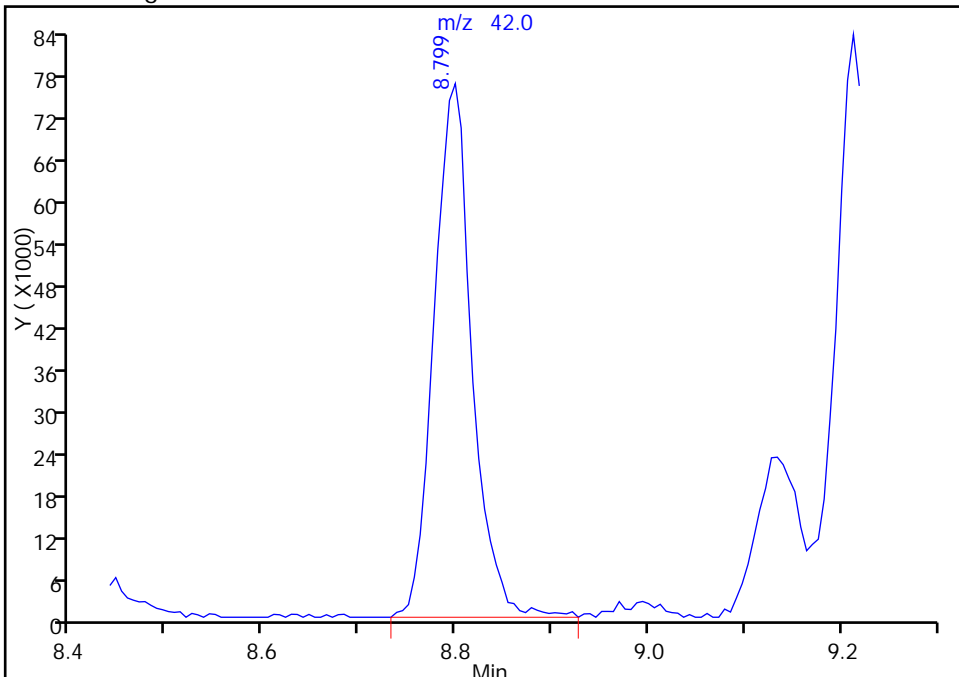
RT: 8.80
Area: 206182
Amount: 20.169807
Amount Units: ug/L

Processing Integration Results



RT: 8.80
Area: 208645
Amount: 20.669694
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:45:56
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

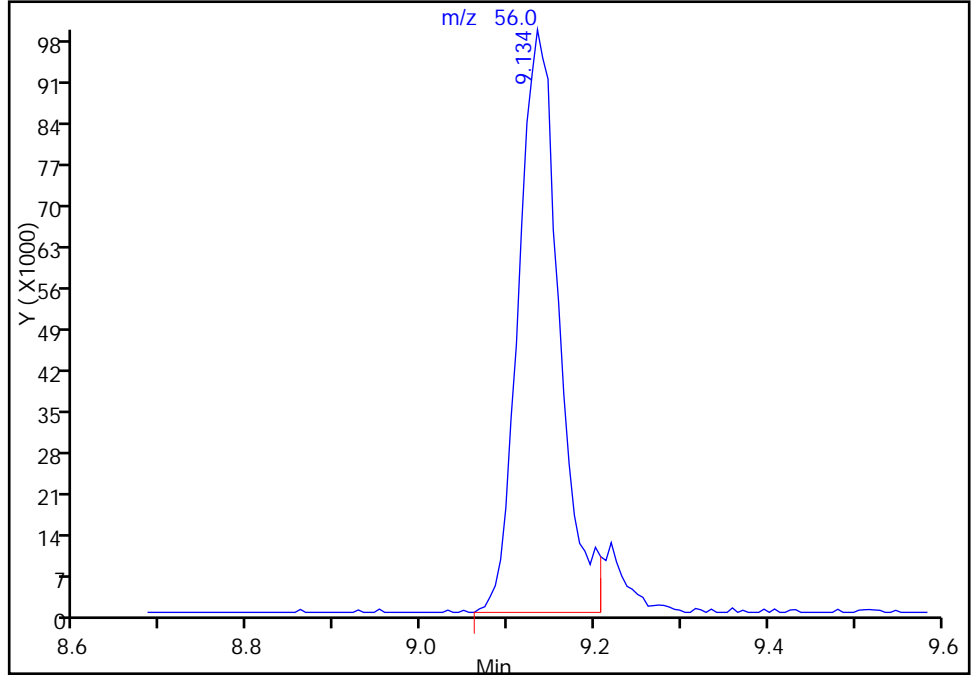
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Injection Date: 21-Jan-2017 02:38:30 Instrument ID: HP5973P
Lims ID: IC 4
Client ID:
Operator ID: SO ALS Bottle#: 15 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

54 Cyclohexane, CAS: 110-82-7

Signal: 1

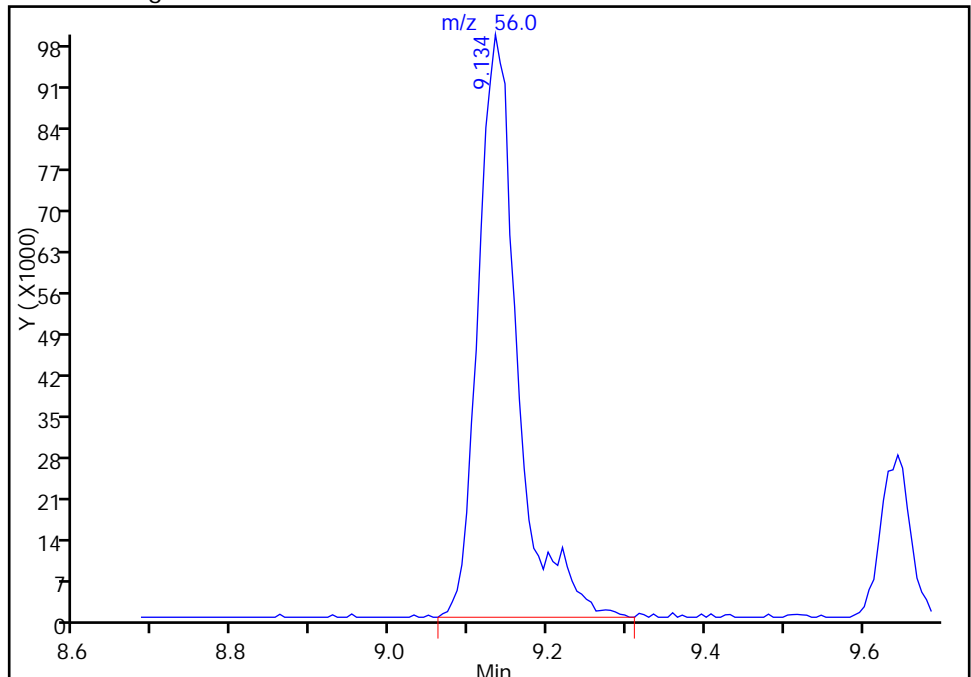
RT: 9.13
Area: 324937
Amount: 9.537460
Amount Units: ug/L

Processing Integration Results



RT: 9.13
Area: 345431
Amount: 10.052609
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:38:59
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo

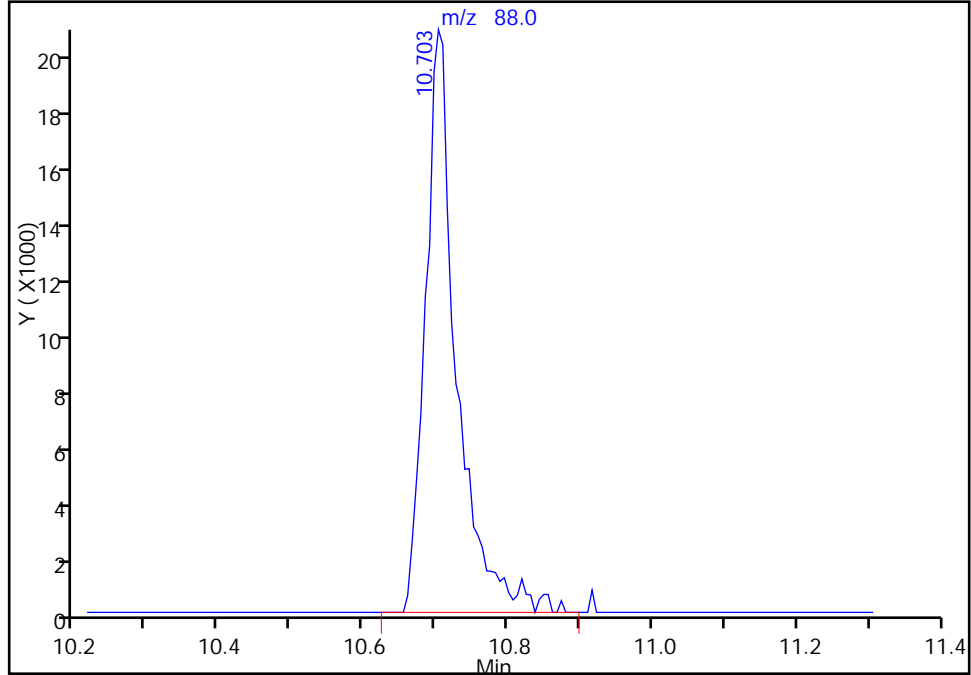
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22140.D
Injection Date: 21-Jan-2017 02:38:30 Instrument ID: HP5973P
Lims ID: IC 4
Client ID:
Operator ID: SO ALS Bottle#: 15 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

68 1,4-Dioxane, CAS: 123-91-1

Signal: 1

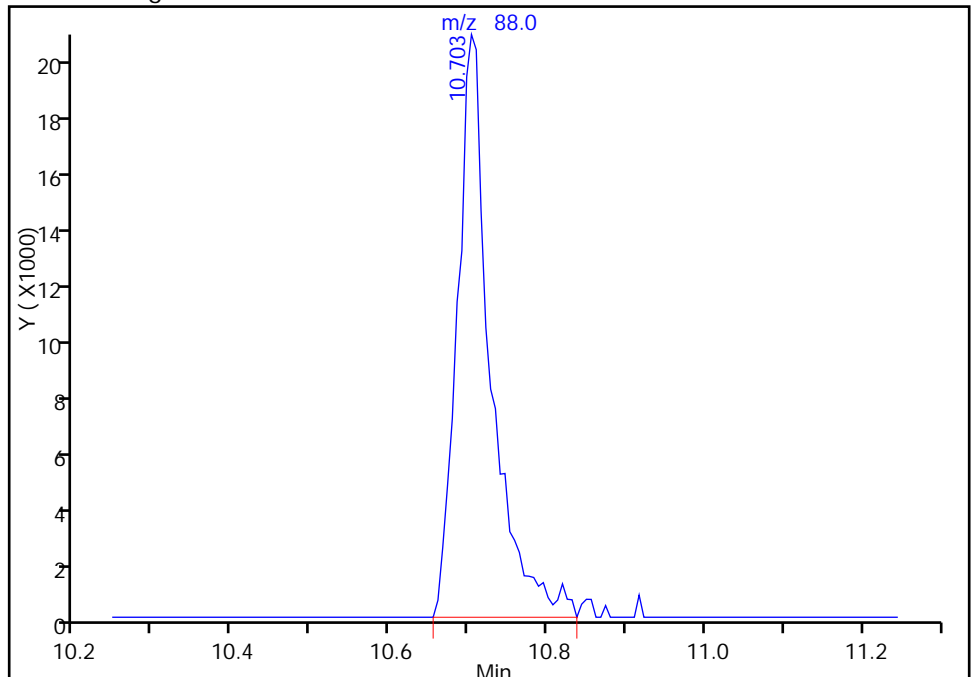
RT: 10.70
Area: 61052
Amount: 210.3130
Amount Units: ug/L

Processing Integration Results



RT: 10.70
Area: 60283
Amount: 204.8667
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 23-Jan-2017 22:45:56
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22141.D
 Lims ID: ICIS 5
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 21-Jan-2017 03:06:30 ALS Bottle#: 16 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICIS 5
 Misc. Info.: 480-0059910-014
 Operator ID: SO Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 00:26:16 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: goliszekg

Date: 23-Jan-2017 09:29:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	98	291669	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	86	591818	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.744	16.744	0.000	97	589361	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	92	346226	25.0	24.5	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.444	0.000	0	238477	25.0	24.7	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.798	0.000	94	1225044	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	84	355233	25.0	24.9	
10 Dichlorodifluoromethane	85	3.981	3.981	0.000	99	513846	25.0	25.1	
11 Chloromethane	50	4.285	4.285	0.000	99	426226	25.0	25.3	
17 Vinyl chloride	62	4.510	4.510	0.000	98	388395	25.0	25.1	
144 Butadiene	54	4.535	4.535	0.000	96	373626	25.0	24.5	
12 Bromomethane	94	5.058	5.058	0.000	93	218928	25.0	22.7	
13 Chloroethane	64	5.198	5.198	0.000	98	237352	25.0	23.0	
19 Dichlorofluoromethane	67	5.484	5.484	0.000	98	819421	25.0	23.9	
14 Trichlorofluoromethane	101	5.599	5.599	0.000	97	740789	25.0	25.4	
20 Ethyl ether	59	5.891	5.891	0.000	96	448417	25.0	24.6	
22 Acrolein	56	6.147	6.147	0.000	99	711276	125.0	129.1	
16 1,1,2-Trichloro-1,2,2-trif	101	6.238	6.238	0.000	94	451401	25.0	25.9	
25 1,1-Dichloroethene	96	6.281	6.281	0.000	94	415745	25.0	25.5	
24 Acetone	43	6.317	6.317	0.000	98	1337269	125.0	125.0	
18 Iodomethane	142	6.548	6.548	0.000	99	793434	25.0	25.7	
27 Carbon disulfide	76	6.664	6.664	0.000	100	1348325	25.0	26.1	M
30 Methyl acetate	43	6.694	6.694	0.000	99	2994729	125.0	126.5	
28 3-Chloro-1-propene	41	6.731	6.731	0.000	88	850342	25.0	24.6	
31 Methylene Chloride	84	6.901	6.901	0.000	97	507500	25.0	26.4	
33 2-Methyl-2-propanol	59	6.926	6.926	0.000	97	1081951	250.0	260.5	
32 Methyl tert-butyl ether	73	7.163	7.163	0.000	98	1614021	25.0	25.8	
34 Acrylonitrile	53	7.193	7.193	0.000	98	2758420	250.0	249.7	
35 trans-1,2-Dichloroethene	96	7.230	7.230	0.000	94	451017	25.0	24.8	
36 Hexane	57	7.461	7.461	0.000	95	570996	25.0	26.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.698	7.698	0.000	97	2730553	50.0	51.7	
40 1,1-Dichloroethane	63	7.747	7.747	0.000	97	831057	25.0	25.0	
44 2-Butanone (MEK)	43	8.398	8.398	0.000	99	2058295	125.0	127.9	
43 cis-1,2-Dichloroethene	96	8.446	8.446	0.000	85	514209	25.0	24.7	
45 2,2-Dichloropropane	77	8.452	8.452	0.000	60	651248	25.0	25.7	
50 Chlorobromomethane	128	8.763	8.763	0.000	95	251685	25.0	24.9	
51 Tetrahydrofuran	42	8.793	8.793	0.000	90	512177	50.0	49.9	
49 Chloroform	83	8.805	8.805	0.000	95	828121	25.0	24.7	
52 1,1,1-Trichloroethane	97	9.061	9.061	0.000	98	750410	25.0	25.4	
54 Cyclohexane	56	9.134	9.134	0.000	94	905187	25.0	25.9	
53 Isobutyl alcohol	43	9.213	9.213	0.000	95	1061471	625.0	685.7	
56 1,1-Dichloropropene	75	9.237	9.237	0.000	93	612054	25.0	26.2	
55 Carbon tetrachloride	117	9.268	9.268	0.000	96	655777	25.0	25.7	
57 Benzene	78	9.517	9.517	0.000	98	1718224	25.0	25.1	
60 1,2-Dichloroethane	62	9.541	9.541	0.000	97	828238	25.0	25.3	
59 n-Heptane	43	9.645	9.645	0.000	97	546296	25.0	23.9	
62 Trichloroethene	95	10.271	10.271	0.000	94	480954	25.0	25.2	
64 Methylcyclohexane	83	10.503	10.503	0.000	96	683053	25.0	25.9	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	90	462649	25.0	25.4	
68 1,4-Dioxane	88	10.697	10.697	0.000	98	156003	500.0	525.3	
69 Dibromomethane	93	10.770	10.770	0.000	92	348660	25.0	26.0	
70 Dichlorobromomethane	83	10.904	10.904	0.000	97	597237	25.0	26.0	
71 2-Chloroethyl vinyl ether	63	11.172	11.172	0.000	93	365334	25.0	27.1	
73 cis-1,3-Dichloropropene	75	11.446	11.446	0.000	91	756591	25.0	26.5	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.549	0.000	99	3994769	125.0	135.1	
76 Toluene	92	11.884	11.884	0.000	98	1122917	25.0	25.2	
77 Ethyl methacrylate	69	12.115	12.115	0.000	93	669287	25.0	28.4	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	95	729047	25.0	26.5	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	93	361643	25.0	24.8	
80 Tetrachloroethene	166	12.632	12.632	0.000	90	417860	25.0	25.3	
83 2-Hexanone	43	12.638	12.638	0.000	99	2874944	125.0	137.7	
82 1,3-Dichloropropane	76	12.662	12.662	0.000	97	745689	25.0	25.5	
81 Chlorodibromomethane	129	13.009	13.009	0.000	90	480336	25.0	27.3	
85 Ethylene Dibromide	107	13.204	13.204	0.000	99	477482	25.0	26.6	
87 Chlorobenzene	112	13.800	13.800	0.000	95	1340130	25.0	25.5	
89 Ethylbenzene	91	13.867	13.867	0.000	99	2155872	25.0	25.9	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.879	0.000	93	474787	25.0	26.1	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	800810	25.0	26.0	
93 o-Xylene	106	14.554	14.554	0.000	98	814510	25.0	26.3	
94 Styrene	104	14.573	14.573	0.000	95	1300042	25.0	27.0	
92 Bromoform	173	14.925	14.925	0.000	93	308722	25.0	27.0	
95 Isopropylbenzene	105	14.998	14.998	0.000	97	2086257	25.0	26.4	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	97	678257	25.0	25.5	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	90	253784	25.0	27.2	
101 1,2,3-Trichloropropane	110	15.516	15.516	0.000	71	210513	25.0	26.2	
100 Bromobenzene	156	15.516	15.516	0.000	92	557711	25.0	26.0	
99 N-Propylbenzene	91	15.528	15.528	0.000	99	2601089	25.0	26.5	
103 2-Chlorotoluene	126	15.716	15.716	0.000	94	502374	25.0	25.7	
102 1,3,5-Trimethylbenzene	105	15.722	15.722	0.000	94	1781487	25.0	26.4	
105 4-Chlorotoluene	126	15.844	15.844	0.000	99	531432	25.0	26.0	
106 tert-Butylbenzene	134	16.166	16.166	0.000	92	399240	25.0	26.4	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	98	1898981	25.0	26.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	95	2222988	25.0	26.1	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	1972929	25.0	26.0	
110 1,3-Dichlorobenzene	146	16.677	16.677	0.000	97	1115885	25.0	25.8	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	94	1116998	25.0	25.3	
115 n-Butylbenzene	91	17.103	17.103	0.000	98	1830666	25.0	26.1	
116 1,2-Dichlorobenzene	146	17.262	17.262	0.000	96	1129296	25.0	25.6	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	79	180924	25.0	25.4	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	755515	25.0	25.6	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	93	214426	25.0	25.6	
121 Naphthalene	128	19.707	19.707	0.000	97	2637906	25.0	26.7	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	95	707093	25.0	25.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00091	Amount Added: 12.50	Units: uL	
GAS CORP mix_00201	Amount Added: 12.50	Units: uL	
P 8260 IS_00196	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00208	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22141.D

Injection Date: 21-Jan-2017 03:06:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: ICIS 5

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

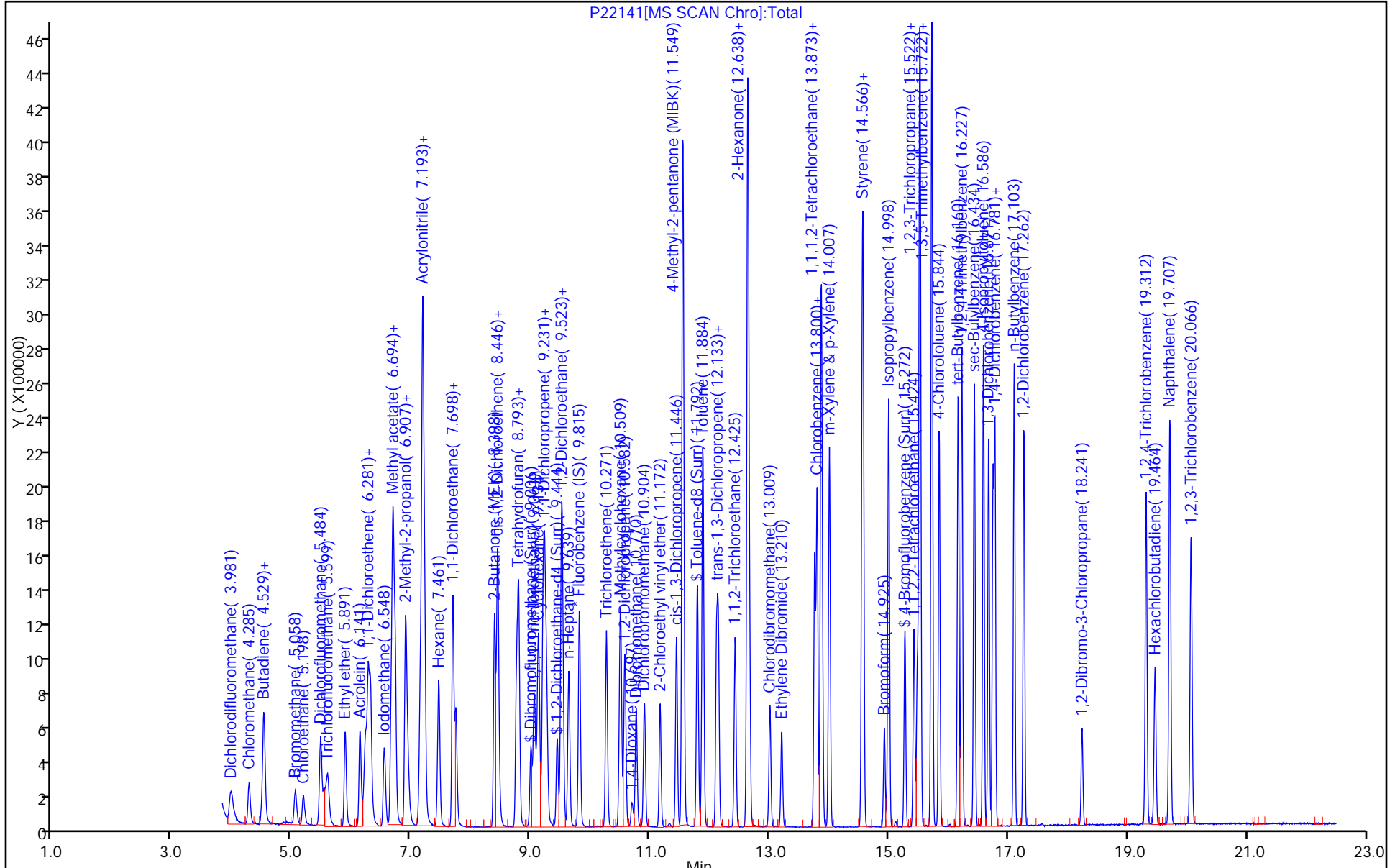
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



P22141[MS SCAN Chro]:Total

TestAmerica Buffalo

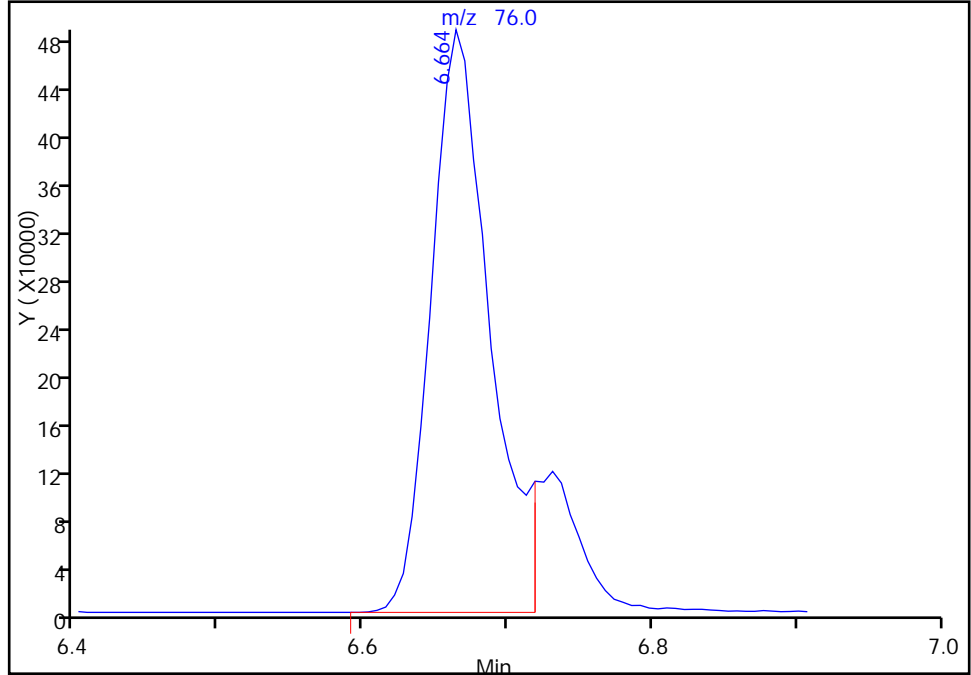
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22141.D
Injection Date: 21-Jan-2017 03:06:30 Instrument ID: HP5973P
Lims ID: ICIS 5
Client ID:
Operator ID: SO ALS Bottle#: 16 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

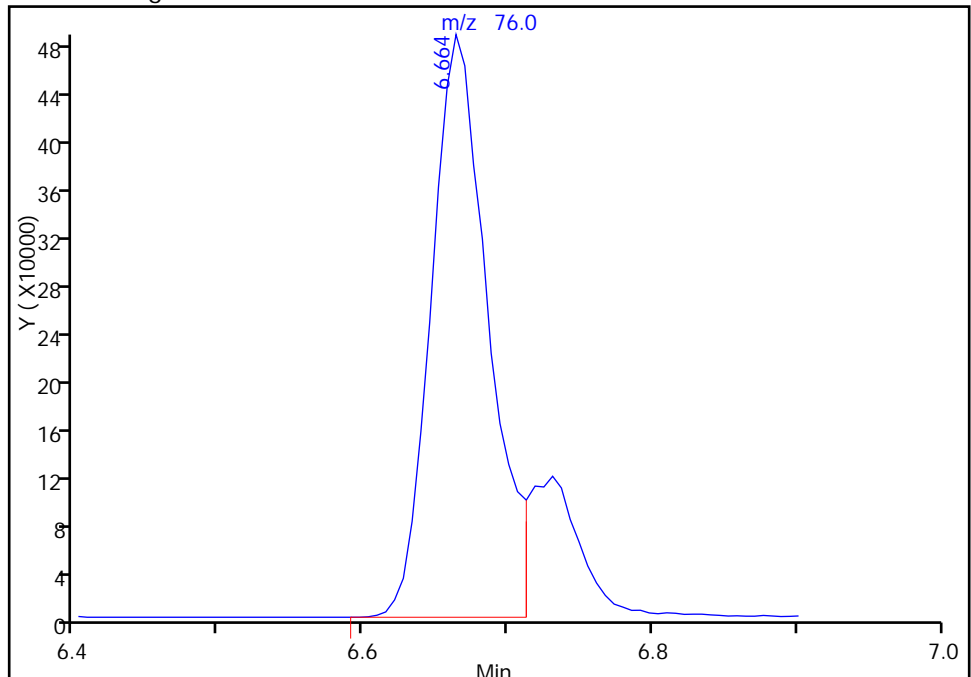
RT: 6.66
Area: 1388332
Amount: 24.517530
Amount Units: ug/L

Processing Integration Results



RT: 6.66
Area: 1348325
Amount: 26.136034
Amount Units: ug/L

Manual Integration Results



Reviewer: goliszekg, 23-Jan-2017 09:29:28

Audit Action: Split an Integrated Peak

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22142.D
 Lims ID: IC 6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 21-Jan-2017 03:33:30 ALS Bottle#: 17 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 6
 Misc. Info.: 480-0059910-015
 Operator ID: SO Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 00:26:18 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: goliszekg

Date: 23-Jan-2017 09:30:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	99	291182	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.763	13.757	0.006	86	609740	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.744	0.006	97	599029	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	92	356719	25.0	25.3	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.444	0.006	0	242055	25.0	25.1	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.798	0.000	94	1250464	25.0	24.7	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	84	367067	25.0	25.0	
10 Dichlorodifluoromethane	85	3.987	3.981	0.006	99	939782	50.0	46.0	
11 Chloromethane	50	4.297	4.285	0.012	99	855285	50.0	51.5	
17 Vinyl chloride	62	4.522	4.510	0.012	98	759753	50.0	49.2	
144 Butadiene	54	4.547	4.535	0.012	96	755481	50.0	49.6	
12 Bromomethane	94	5.070	5.058	0.012	93	522515	50.0	54.2	
13 Chloroethane	64	5.204	5.198	0.006	98	478906	50.0	46.5	
19 Dichlorofluoromethane	67	5.490	5.484	0.006	97	1780703	50.0	52.1	
14 Trichlorofluoromethane	101	5.605	5.599	0.006	98	1491658	50.0	51.1	
20 Ethyl ether	59	5.897	5.891	0.006	97	877886	50.0	48.2	
22 Acrolein	56	6.147	6.147	0.000	99	1390129	250.0	252.8	
16 1,1,2-Trichloro-1,2,2-trif	101	6.244	6.238	0.006	94	810848	50.0	46.6	
25 1,1-Dichloroethene	96	6.287	6.281	0.006	95	788330	50.0	48.4	
24 Acetone	43	6.323	6.317	0.006	98	2566511	250.0	240.3	
18 Iodomethane	142	6.554	6.548	0.006	100	1523500	50.0	49.4	
27 Carbon disulfide	76	6.670	6.664	0.006	100	2540276	50.0	49.3	M
30 Methyl acetate	43	6.700	6.694	0.006	99	5590350	250.0	236.6	
28 3-Chloro-1-propene	41	6.737	6.731	0.006	85	1615465	50.0	46.9	
31 Methylene Chloride	84	6.907	6.901	0.006	97	931466	50.0	49.7	
33 2-Methyl-2-propanol	59	6.938	6.926	0.012	98	2153486	500.0	519.3	
32 Methyl tert-butyl ether	73	7.169	7.163	0.006	98	3158235	50.0	50.6	
34 Acrylonitrile	53	7.199	7.193	0.006	98	5195043	500.0	471.1	
35 trans-1,2-Dichloroethene	96	7.230	7.230	0.000	94	856524	50.0	47.2	
36 Hexane	57	7.467	7.461	0.006	95	1013773	50.0	46.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.704	7.698	0.006	97	5350293	100.0	101.5	
40 1,1-Dichloroethane	63	7.753	7.747	0.006	96	1592342	50.0	48.1	
44 2-Butanone (MEK)	43	8.398	8.398	0.000	99	3967962	250.0	247.1	
45 2,2-Dichloropropane	77	8.452	8.452	0.000	57	1225588	50.0	48.5	
43 cis-1,2-Dichloroethene	96	8.452	8.446	0.006	84	1011813	50.0	48.6	
50 Chlorobromomethane	128	8.769	8.763	0.006	96	495563	50.0	49.2	
51 Tetrahydrofuran	42	8.793	8.793	0.000	90	979581	100.0	95.6	
49 Chloroform	83	8.805	8.805	0.000	95	1603314	50.0	47.9	
52 1,1,1-Trichloroethane	97	9.067	9.061	0.006	98	1451546	50.0	49.1	
54 Cyclohexane	56	9.134	9.134	0.000	94	1665892	50.0	47.8	
53 Isobutyl alcohol	43	9.213	9.213	0.000	96	2184500	1250.0	1413.5	
56 1,1-Dichloropropene	75	9.237	9.237	0.000	93	1115112	50.0	47.9	
55 Carbon tetrachloride	117	9.268	9.268	0.000	97	1259315	50.0	49.5	
57 Benzene	78	9.523	9.517	0.006	98	3310205	50.0	48.4	
60 1,2-Dichloroethane	62	9.541	9.541	0.000	97	1592184	50.0	48.7	
59 n-Heptane	43	9.645	9.645	0.000	96	1005570	50.0	44.1	
62 Trichloroethene	95	10.271	10.271	0.000	95	926789	50.0	48.7	
64 Methylcyclohexane	83	10.509	10.503	0.006	97	1265379	50.0	48.1	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	91	910615	50.0	50.1	
68 1,4-Dioxane	88	10.703	10.697	0.006	97	309747	1000.0	1012.4	
69 Dibromomethane	93	10.770	10.770	0.000	91	672794	50.0	50.3	
70 Dichlorobromomethane	83	10.910	10.904	0.006	98	1200506	50.0	52.4	
71 2-Chloroethyl vinyl ether	63	11.172	11.172	0.000	94	747440	50.0	55.5	
73 cis-1,3-Dichloropropene	75	11.446	11.446	0.000	92	1496212	50.0	52.4	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.549	0.006	99	7476745	250.0	245.5	
76 Toluene	92	11.890	11.884	0.006	98	2194298	50.0	47.8	
77 Ethyl methacrylate	69	12.115	12.115	0.000	92	1328069	50.0	54.7	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	94	1450055	50.0	51.2	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	93	736162	50.0	49.0	
80 Tetrachloroethene	166	12.632	12.632	0.000	89	789053	50.0	46.3	
83 2-Hexanone	43	12.638	12.638	0.000	99	5357454	250.0	249.0	
82 1,3-Dichloropropane	76	12.668	12.662	0.006	98	1426030	50.0	47.3	
81 Chlorodibromomethane	129	13.009	13.009	0.000	91	997160	50.0	55.0	
85 Ethylene Dibromide	107	13.204	13.204	0.000	98	952302	50.0	51.6	
87 Chlorobenzene	112	13.800	13.800	0.000	95	2583723	50.0	47.7	
89 Ethylbenzene	91	13.867	13.867	0.000	99	4082918	50.0	47.6	
88 1,1,1,2-Tetrachloroethane	131	13.885	13.879	0.006	93	937573	50.0	50.0	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	1529538	50.0	48.2	
93 o-Xylene	106	14.560	14.554	0.006	98	1545772	50.0	48.4	
94 Styrene	104	14.573	14.573	0.000	95	2559017	50.0	51.6	
92 Bromoform	173	14.925	14.925	0.000	95	667296	50.0	56.7	
95 Isopropylbenzene	105	14.998	14.998	0.000	97	3984517	50.0	49.6	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	96	1363608	50.0	50.5	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	84	497180	50.0	52.4	
100 Bromobenzene	156	15.516	15.516	0.000	93	1059089	50.0	48.5	
101 1,2,3-Trichloropropane	110	15.516	15.516	0.000	77	399926	50.0	48.9	
99 N-Propylbenzene	91	15.528	15.528	0.000	99	4802240	50.0	48.1	
103 2-Chlorotoluene	126	15.722	15.716	0.006	95	943709	50.0	47.4	
102 1,3,5-Trimethylbenzene	105	15.728	15.722	0.006	94	3377804	50.0	49.3	
105 4-Chlorotoluene	126	15.844	15.844	0.000	99	1000059	50.0	48.1	
106 tert-Butylbenzene	134	16.166	16.166	0.000	92	758421	50.0	49.4	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	97	3660250	50.0	49.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	95	4228291	50.0	48.9	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	96	3790045	50.0	49.1	
110 1,3-Dichlorobenzene	146	16.677	16.677	0.000	98	2126113	50.0	48.4	
111 1,4-Dichlorobenzene	146	16.775	16.781	-0.006	92	2145614	50.0	47.8	
115 n-Butylbenzene	91	17.103	17.103	0.000	98	3480125	50.0	48.9	
116 1,2-Dichlorobenzene	146	17.268	17.262	0.006	96	2203196	50.0	49.2	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	91	365887	50.0	50.6	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	95	1451670	50.0	48.4	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	93	419764	50.0	49.2	
121 Naphthalene	128	19.707	19.707	0.000	97	5108533	50.0	50.8	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	95	1384302	50.0	49.9	
S 124 1,3-Dichloropropene, Total	1				0			103.6	
S 125 Total BTEX	1				0			240.4	
S 126 Xylenes, Total	1				0			96.6	
S 123 1,2-Dichloroethene, Total	1				0			95.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00091

Amount Added: 25.00

Units: uL

GAS CORP mix_00201

Amount Added: 25.00

Units: uL

P 8260 IS_00196

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00208

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22142.D

Injection Date: 21-Jan-2017 03:33:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: IC 6

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

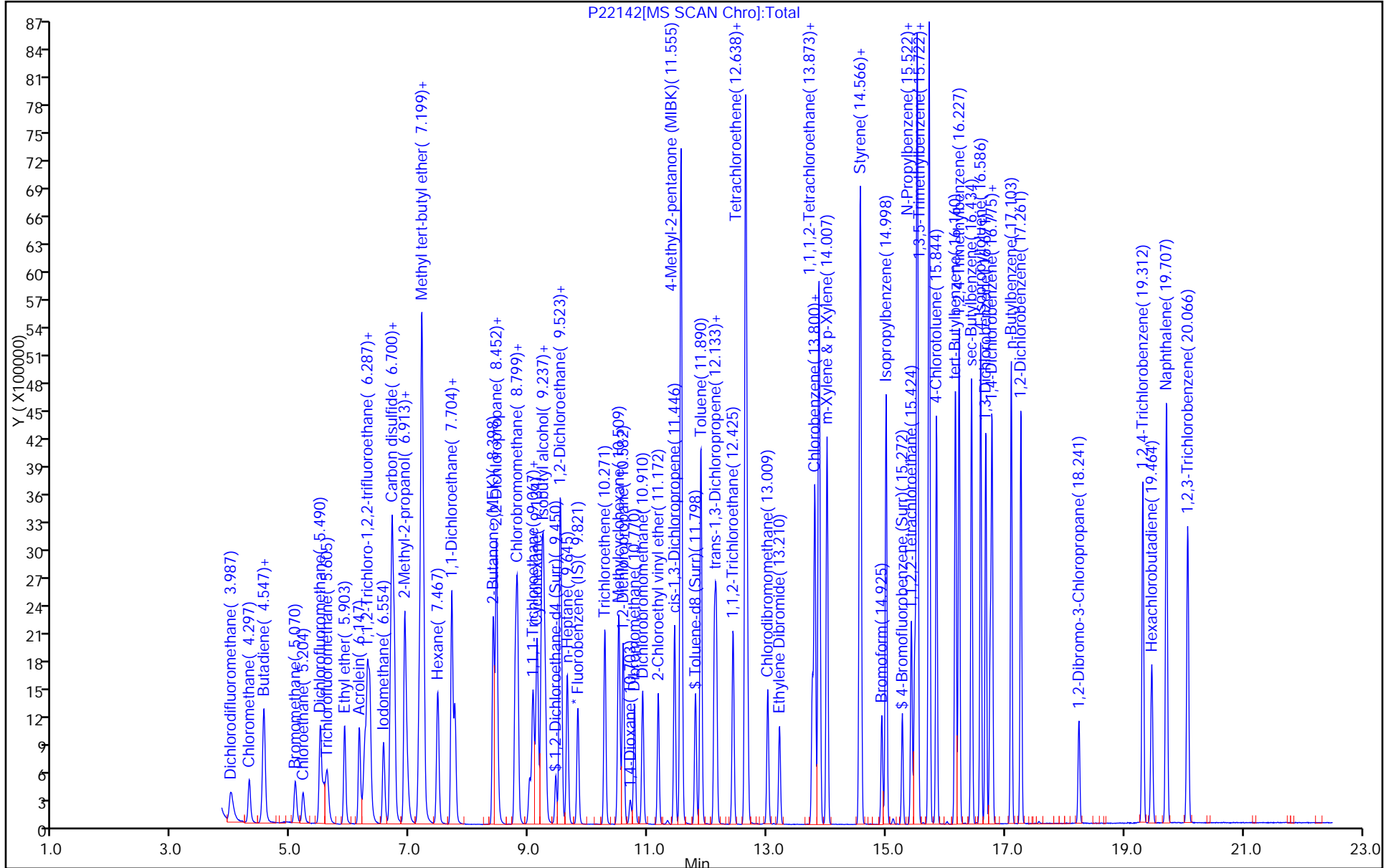
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

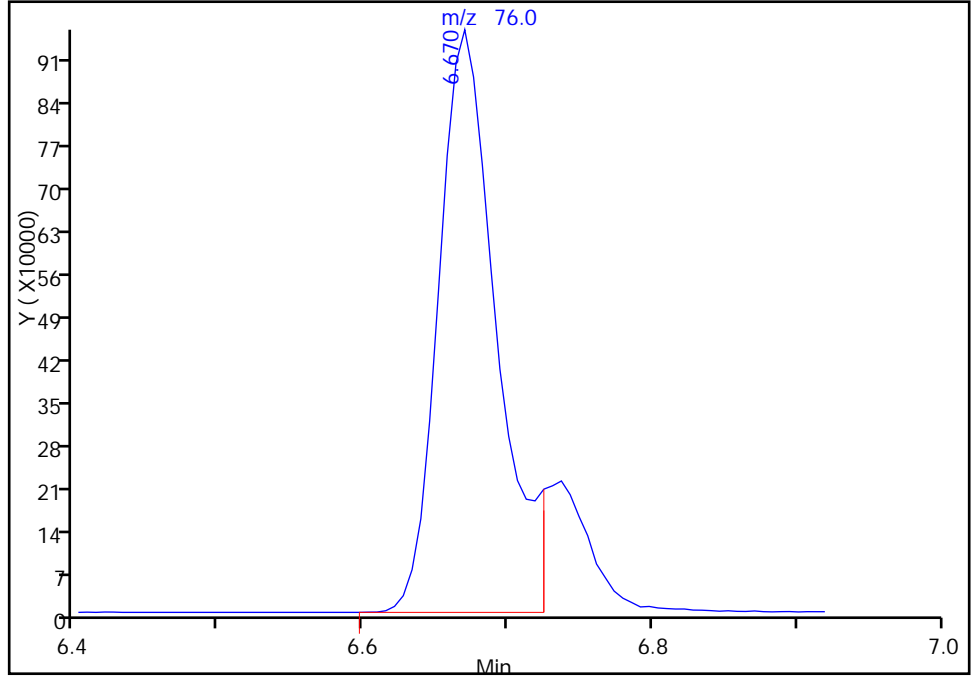
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Injection Date: 21-Jan-2017 03:33:30 Instrument ID: HP5973P
Lims ID: IC 6
Client ID:
Operator ID: SO ALS Bottle#: 17 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

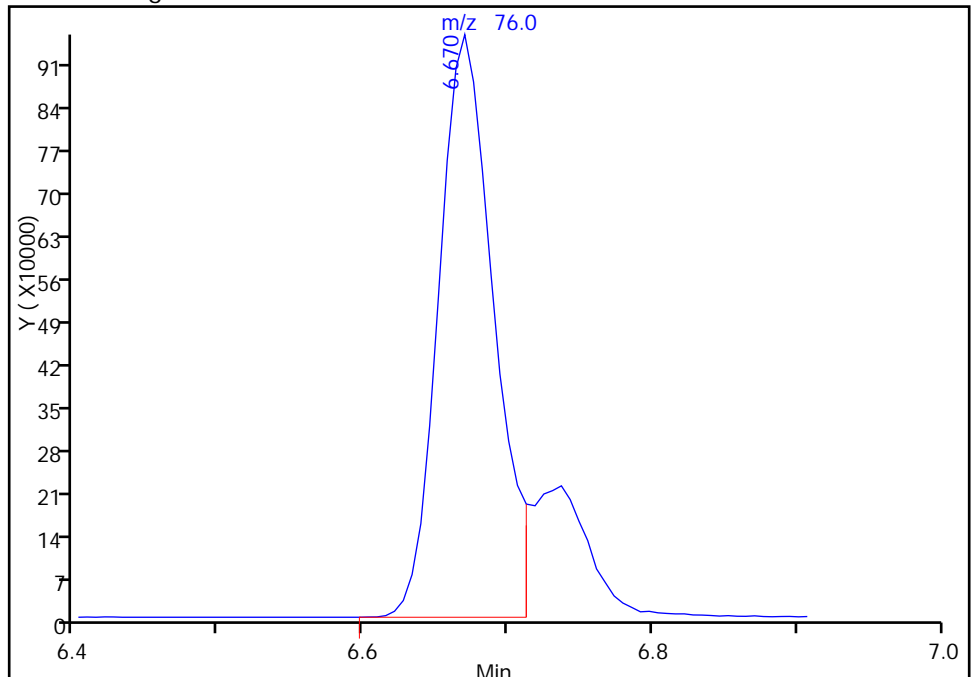
RT: 6.67
Area: 2680513
Amount: 47.608439
Amount Units: ug/L

Processing Integration Results



RT: 6.67
Area: 2540276
Amount: 49.323257
Amount Units: ug/L

Manual Integration Results



Reviewer: goliszekg, 23-Jan-2017 09:30:29
Audit Action: Split an Integrated Peak

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22143.D
 Lims ID: IC 7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 21-Jan-2017 04:01:30 ALS Bottle#: 18 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 7
 Misc. Info.: 480-0059910-016
 Operator ID: SO Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 00:26:19 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: goliszekg

Date: 23-Jan-2017 09:31:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	98	293696	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	86	613708	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.744	0.006	97	587648	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.012	9.006	0.006	92	362160	25.0	25.5	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.444	0.006	0	246299	25.0	25.3	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.798	0.000	94	1271814	25.0	25.0	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	371822	25.0	25.1	
10 Dichlorodifluoromethane	85	3.981	3.981	0.000	99	1794118	100.0	87.0	
11 Chloromethane	50	4.297	4.285	0.012	99	1635970	100.0	98.2	
17 Vinyl chloride	62	4.529	4.510	0.019	98	1444966	100.0	92.8	
144 Butadiene	54	4.547	4.535	0.012	96	1389688	100.0	90.5	
12 Bromomethane	94	5.070	5.058	0.012	93	919320	100.0	94.5	
13 Chloroethane	64	5.198	5.198	0.000	97	922813	100.0	88.9	
19 Dichlorofluoromethane	67	5.490	5.484	0.006	97	3151490	100.0	91.4	
14 Trichlorofluoromethane	101	5.599	5.599	0.000	98	2809637	100.0	95.5	
20 Ethyl ether	59	5.891	5.891	0.000	96	1769553	100.0	96.4	
22 Acrolein	56	6.141	6.147	-0.006	99	2760983	500.0	497.7	
16 1,1,2-Trichloro-1,2,2-trif	101	6.238	6.238	0.000	94	1671154	100.0	95.2	
25 1,1-Dichloroethene	96	6.287	6.281	0.006	94	1582756	100.0	96.4	
24 Acetone	43	6.317	6.317	0.000	98	5073634	500.0	470.9	
18 Iodomethane	142	6.554	6.548	0.006	100	3100768	100.0	99.7	
27 Carbon disulfide	76	6.664	6.664	0.000	100	5141556	100.0	99.0	M
30 Methyl acetate	43	6.694	6.694	0.000	99	10372395	500.0	435.2	
28 3-Chloro-1-propene	41	6.731	6.731	0.000	83	3218980	100.0	92.6	
31 Methylene Chloride	84	6.907	6.901	0.006	97	1824019	100.0	97.7	
33 2-Methyl-2-propanol	59	6.932	6.926	0.006	98	4377448	1000.0	1046.5	
32 Methyl tert-butyl ether	73	7.163	7.163	0.000	97	6161710	100.0	97.8	
34 Acrylonitrile	53	7.193	7.193	0.000	97	9441611	1000.0	848.9	
35 trans-1,2-Dichloroethene	96	7.230	7.230	0.000	95	1691809	100.0	92.3	
36 Hexane	57	7.461	7.461	0.000	94	2120465	100.0	96.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.698	7.698	0.000	97	10163984	200.0	191.2	
40 1,1-Dichloroethane	63	7.753	7.747	0.006	96	3219018	100.0	96.3	
44 2-Butanone (MEK)	43	8.398	8.398	0.000	99	7751186	500.0	478.5	
43 cis-1,2-Dichloroethene	96	8.446	8.446	0.000	84	2024540	100.0	96.5	
45 2,2-Dichloropropane	77	8.446	8.452	-0.006	58	2455214	100.0	96.3	
50 Chlorobromomethane	128	8.763	8.763	0.000	96	992402	100.0	97.7	
51 Tetrahydrofuran	42	8.787	8.793	-0.006	88	1912898	200.0	185.2	
49 Chloroform	83	8.805	8.805	0.000	95	3210805	100.0	95.2	
52 1,1,1-Trichloroethane	97	9.067	9.061	0.006	98	3008149	100.0	100.9	
54 Cyclohexane	56	9.134	9.134	0.000	94	3472073	100.0	98.7	
53 Isobutyl alcohol	43	9.213	9.213	0.000	94	4256918	2500.0	2730.9	
56 1,1-Dichloropropene	75	9.237	9.237	0.000	93	2250998	100.0	95.8	
55 Carbon tetrachloride	117	9.268	9.268	0.000	97	2555469	100.0	99.6	
57 Benzene	78	9.517	9.517	0.000	98	6538659	100.0	94.8	
60 1,2-Dichloroethane	62	9.541	9.541	0.000	97	3121069	100.0	94.7	
59 n-Heptane	43	9.639	9.645	-0.006	96	2072627	100.0	90.0	
62 Trichloroethene	95	10.271	10.271	0.000	95	1919148	100.0	100.0	
64 Methylcyclohexane	83	10.509	10.503	0.006	97	2617349	100.0	98.6	
63 1,2-Dichloropropane	63	10.582	10.582	0.000	91	1845418	100.0	100.7	
68 1,4-Dioxane	88	10.703	10.697	0.006	98	646718	2000.0	2100.0	
69 Dibromomethane	93	10.770	10.770	0.000	92	1365721	100.0	101.2	
70 Dichlorobromomethane	83	10.910	10.904	0.006	98	2497584	100.0	108.1	
71 2-Chloroethyl vinyl ether	63	11.172	11.172	0.000	93	1509184	100.0	111.0	
73 cis-1,3-Dichloropropene	75	11.446	11.446	0.000	92	3090520	100.0	107.3	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.549	0.000	95	12884588	500.0	420.2	
76 Toluene	92	11.890	11.884	0.006	98	4378015	100.0	94.8	
77 Ethyl methacrylate	69	12.115	12.115	0.000	93	2679275	100.0	109.6	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	98	2903450	100.0	101.9	
79 1,1,2-Trichloroethane	83	12.431	12.425	0.006	93	1452780	100.0	96.1	
80 Tetrachloroethene	166	12.632	12.632	0.000	90	1569863	100.0	91.6	
83 2-Hexanone	43	12.638	12.638	0.000	96	9213931	500.0	425.5	
82 1,3-Dichloropropane	76	12.668	12.662	0.006	97	2701010	100.0	89.0	
81 Chlorodibromomethane	129	13.009	13.009	0.000	90	2073279	100.0	113.6	
85 Ethylene Dibromide	107	13.210	13.204	0.006	98	1938834	100.0	104.3	
87 Chlorobenzene	112	13.800	13.800	0.000	94	5148015	100.0	94.4	
89 Ethylbenzene	91	13.867	13.867	0.000	99	7859355	100.0	91.0	
88 1,1,1,2-Tetrachloroethane	131	13.885	13.879	0.006	93	1846692	100.0	97.8	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	3057732	100.0	95.8	
93 o-Xylene	106	14.554	14.554	0.000	96	3031436	100.0	94.3	
94 Styrene	104	14.573	14.573	-0.001	93	4997978	100.0	100.2	
92 Bromoform	173	14.925	14.925	0.000	94	1431438	100.0	120.9	
95 Isopropylbenzene	105	14.998	14.998	0.000	97	7846344	100.0	99.6	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	96	2746695	100.0	103.6	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	89	1012514	100.0	108.8	
101 1,2,3-Trichloropropane	110	15.515	15.516	-0.001	76	746376	100.0	93.1	
100 Bromobenzene	156	15.515	15.516	-0.001	93	2027056	100.0	94.7	
99 N-Propylbenzene	91	15.528	15.528	0.000	98	8810704	100.0	90.0	
103 2-Chlorotoluene	126	15.716	15.716	0.000	95	1826629	100.0	93.5	
102 1,3,5-Trimethylbenzene	105	15.728	15.722	0.006	95	6405938	100.0	95.3	
105 4-Chlorotoluene	126	15.850	15.844	0.006	99	1972099	100.0	96.7	
106 tert-Butylbenzene	134	16.166	16.166	0.000	94	1519210	100.0	100.9	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	97	7045645	100.0	97.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	95	8169509	100.0	96.3	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	96	7345910	100.0	97.1	
110 1,3-Dichlorobenzene	146	16.677	16.677	0.000	97	4177653	100.0	96.9	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	93	4191830	100.0	95.2	
115 n-Butylbenzene	91	17.103	17.103	0.000	97	6857983	100.0	98.2	
116 1,2-Dichlorobenzene	146	17.268	17.262	0.006	96	4317451	100.0	98.2	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	81	778909	100.0	109.9	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	95	2943964	100.0	100.1	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	93	857621	100.0	102.5	
121 Naphthalene	128	19.707	19.707	0.000	98	9714575	100.0	98.5	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	95	2752717	100.0	101.1	
S 126 Xylenes, Total	1				0			190.1	
S 123 1,2-Dichloroethene, Total	1				0			188.8	
S 124 1,3-Dichloropropene, Total	1				0			209.2	
S 125 Total BTEX	1				0			470.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00091

Amount Added: 50.00

Units: uL

GAS CORP mix_00201

Amount Added: 50.00

Units: uL

P 8260 IS_00196

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr._00208

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22143.D

Injection Date: 21-Jan-2017 04:01:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: IC 7

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

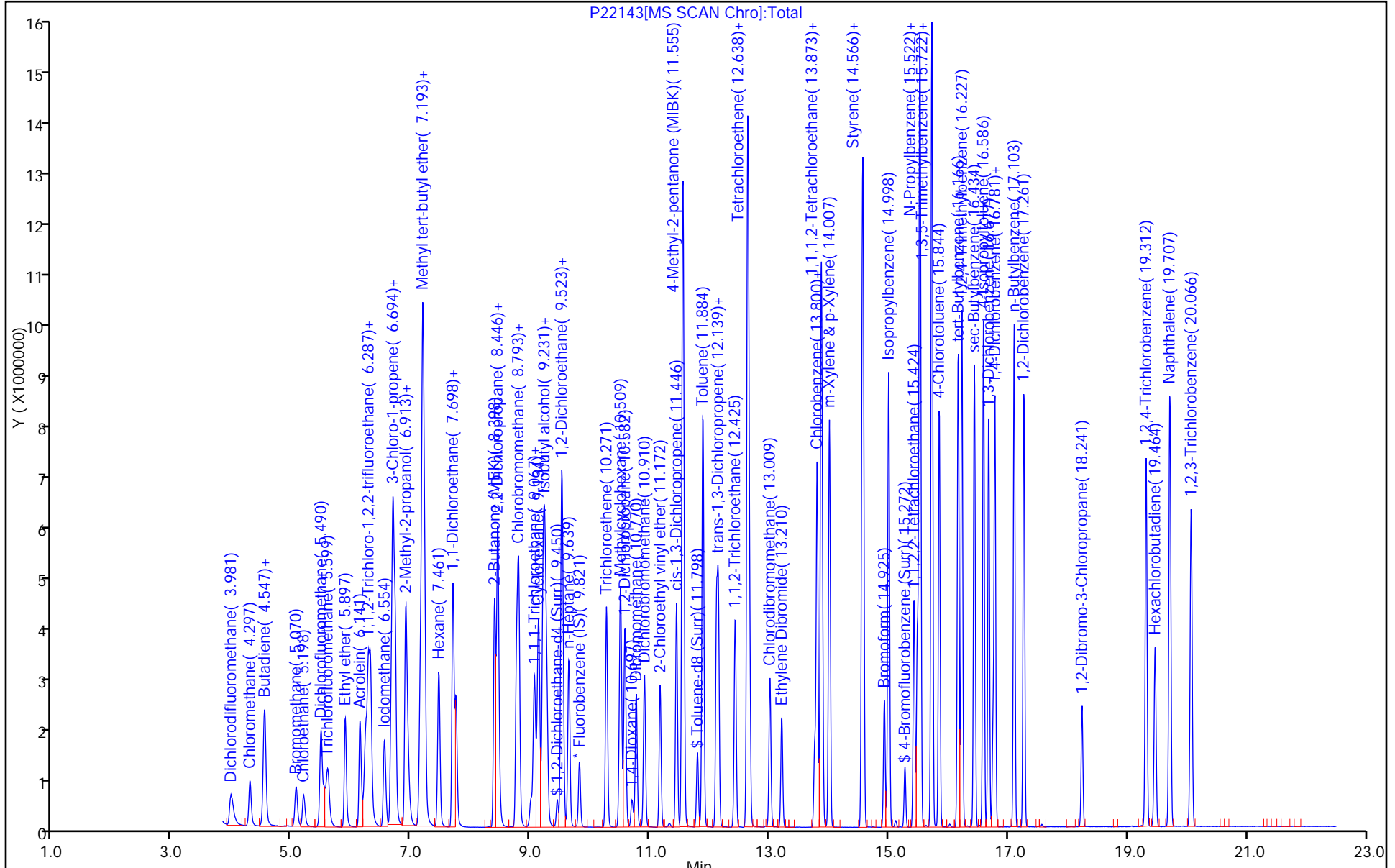
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

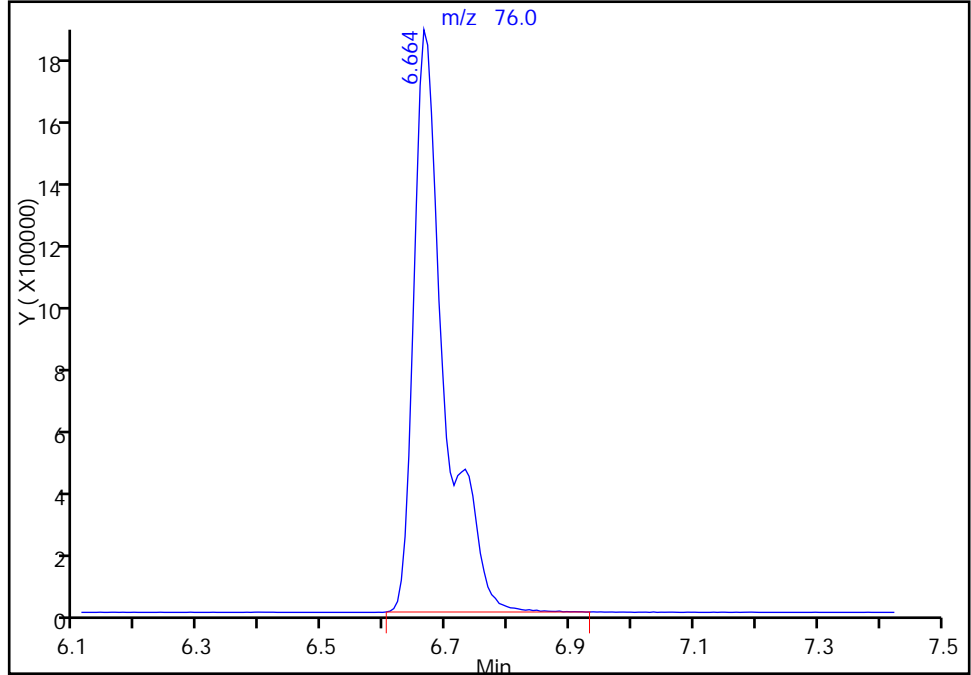
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22143.D
Injection Date: 21-Jan-2017 04:01:30 Instrument ID: HP5973P
Lims ID: IC 7
Client ID:
Operator ID: SO ALS Bottle#: 18 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

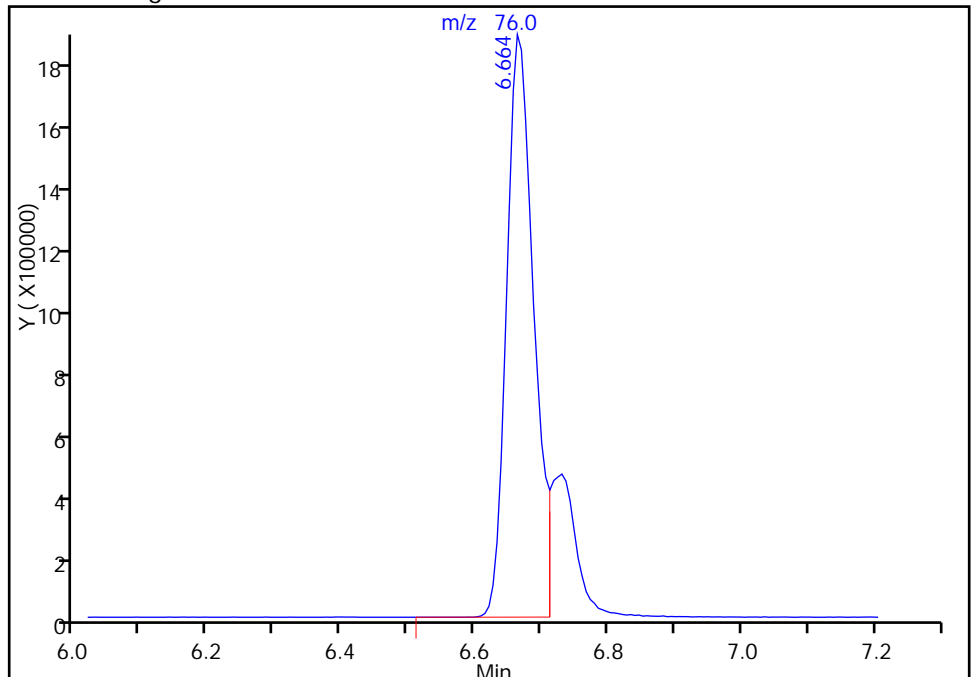
RT: 6.66
Area: 6224246
Amount: 110.3878
Amount Units: ug/L

Processing Integration Results



RT: 6.66
Area: 5141556
Amount: 98.976457
Amount Units: ug/L

Manual Integration Results



Reviewer: goliszekg, 23-Jan-2017 09:31:54

Audit Action: Split an Integrated Peak

Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-340437/2 Calibration Date: 01/18/2017 08:54
 Instrument ID: HP5973N Calib Start Date: 11/26/2016 18:51
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 11/26/2016 21:59
 Lab File ID: N2578.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.204	1.042	0.1000	21.6	25.0	-13.4	50.0
Chloromethane	Ave	2.137	1.765	0.1000	20.7	25.0	-17.4	20.0
Vinyl chloride	Ave	1.707	1.571	0.1000	23.0	25.0	-7.9	20.0
Butadiene	Ave	2.176	1.690		19.4	25.0	-22.3*	20.0
Bromomethane	Ave	0.7581	0.7556	0.1000	24.9	25.0	-0.3	50.0
Chloroethane	Ave	0.9577	0.9070	0.1000	23.7	25.0	-5.3	50.0
Dichlorofluoromethane	Ave	2.192	1.963		22.4	25.0	-10.4	20.0
Trichlorofluoromethane	Ave	1.624	1.578	0.1000	24.3	25.0	-2.9	20.0
Ethyl ether	Ave	1.407	1.365		24.2	25.0	-3.0	20.0
Acrolein	Ave	0.3595	0.2408		83.7	125	-33.0	50.0
1,1-Dichloroethene	Ave	1.414	1.185	0.1000	20.9	25.0	-16.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.344	1.139	0.1000	21.2	25.0	-15.2	20.0
Acetone	Ave	0.5054	0.3534	0.1000	87.4	125	-30.1	50.0
Iodomethane	Ave	2.509	2.349		23.4	25.0	-6.4	20.0
Carbon disulfide	Ave	4.605	3.698	0.1000	20.1	25.0	-19.7	20.0
Allyl chloride	Ave	2.604	2.202		21.1	25.0	-15.4	20.0
Methyl acetate	Ave	1.430	1.030	0.1000	90.1	125	-27.9	50.0
Methylene Chloride	Ave	1.622	1.464	0.1000	22.6	25.0	-9.7	20.0
2-Methyl-2-propanol	Ave	0.2158	0.1547		179	250	-28.3	50.0
Methyl tert-butyl ether	Ave	4.530	3.828	0.1000	21.1	25.0	-15.5	20.0
trans-1,2-Dichloroethene	Ave	1.522	1.329	0.1000	21.8	25.0	-12.6	20.0
Acrylonitrile	Ave	0.7511	0.5702		190	250	-24.1*	20.0
Hexane	Ave	2.567	1.965		19.1	25.0	-23.5*	20.0
1,1-Dichloroethane	Ave	2.797	2.371	0.2000	21.2	25.0	-15.2	20.0
Vinyl acetate	Ave	3.618	2.925		40.4	50.0	-19.2	20.0
2,2-Dichloropropane	Ave	1.513	1.376		22.7	25.0	-9.0	20.0
cis-1,2-Dichloroethene	Ave	1.642	1.481	0.1000	22.5	25.0	-9.8	20.0
2-Butanone (MEK)	Ave	0.8014	0.5959	0.1000	92.9	125	-25.6*	20.0
Chlorobromomethane	Ave	0.8137	0.7406		22.8	25.0	-9.0	20.0
Tetrahydrofuran	Ave	0.6168	0.4085		33.1	50.0	-33.8*	20.0
Chloroform	Ave	2.349	2.190	0.2000	23.3	25.0	-6.8	20.0
1,1,1-Trichloroethane	Ave	1.881	1.675	0.1000	22.3	25.0	-11.0	20.0
Cyclohexane	Ave	2.904	2.150	0.1000	18.5	25.0	-26.0*	20.0
Carbon tetrachloride	Ave	1.711	1.420	0.1000	20.7	25.0	-17.0	20.0
1,1-Dichloropropene	Ave	1.839	1.622		22.1	25.0	-11.8	20.0
Isobutyl alcohol	Ave	0.0953	0.0610		400	625	-36.1	50.0
Benzene	Ave	5.764	5.071	0.5000	22.0	25.0	-12.0	20.0
1,2-Dichloroethane	Ave	1.837	1.649	0.1000	22.5	25.0	-10.2	20.0
n-Heptane	Ave	2.475	1.702		17.2	25.0	-31.2*	20.0
Trichloroethene	Ave	1.393	1.265	0.2000	22.7	25.0	-9.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-340437/2 Calibration Date: 01/18/2017 08:54
 Instrument ID: HP5973N Calib Start Date: 11/26/2016 18:51
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 11/26/2016 21:59
 Lab File ID: N2578.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	2.539	2.064	0.1000	20.3	25.0	-18.7	20.0
1,2-Dichloropropane	Ave	1.477	1.266	0.1000	21.4	25.0	-14.3	20.0
Dibromomethane	Ave	0.8188	0.7442	0.1000	22.7	25.0	-9.1	20.0
1,4-Dioxane	Ave	0.0041	0.0038		465	500	-6.9	50.0
Bromodichloromethane	Ave	1.686	1.470	0.2000	21.8	25.0	-12.8	20.0
2-Chloroethyl vinyl ether	Ave	0.9588	0.7879		20.5	25.0	-17.8	20.0
cis-1,3-Dichloropropene	Ave	2.167	1.933	0.2000	22.3	25.0	-10.8	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1907	0.1408	0.1000	92.3	125	-26.2*	20.0
Toluene	Ave	0.9441	0.8377	0.4000	22.2	25.0	-11.3	20.0
trans-1,3-Dichloropropene	Ave	0.5090	0.4570	0.1000	22.4	25.0	-10.2	20.0
Ethyl methacrylate	Ave	0.4836	0.4065		21.0	25.0	-15.9	20.0
1,1,2-Trichloroethane	Ave	0.2775	0.2398	0.1000	21.6	25.0	-13.6	20.0
Tetrachloroethene	Ave	0.4235	0.3771	0.2000	22.3	25.0	-11.0	20.0
1,3-Dichloropropane	Ave	0.5560	0.4765		21.4	25.0	-14.3	20.0
2-Hexanone	Ave	0.3120	0.2218	0.1000	88.8	125	-28.9*	20.0
Dibromochloromethane	Ave	0.3497	0.3033	0.1000	21.7	25.0	-13.3	20.0
1,2-Dibromoethane	Ave	0.3406	0.2972		21.8	25.0	-12.7	20.0
Chlorobenzene	Ave	1.058	0.9290	0.5000	21.9	25.0	-12.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3731	0.3338		22.4	25.0	-10.5	20.0
Ethylbenzene	Ave	1.673	1.455	0.1000	21.7	25.0	-13.0	20.0
m,p-Xylene	Ave	0.6892	0.6094	0.1000	22.1	25.0	-11.6	20.0
o-Xylene	Ave	0.6859	0.6149	0.3000	22.4	25.0	-10.4	20.0
Styrene	Ave	1.136	1.019	0.3000	22.4	25.0	-10.3	20.0
Bromoform	Ave	0.2309	0.1935	0.1000	20.9	25.0	-16.2	50.0
Isopropylbenzene	Ave	3.256	3.020	0.1000	23.2	25.0	-7.2	20.0
Bromobenzene	Ave	0.8657	0.8688		25.1	25.0	0.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8026	0.6938	0.3000	21.6	25.0	-13.6	20.0
1,2,3-Trichloropropane	Ave	0.2390	0.2158		22.6	25.0	-9.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2014	0.2102		26.1	25.0	4.4	50.0
N-Propylbenzene	Ave	3.636	3.322		22.8	25.0	-8.6	20.0
2-Chlorotoluene	Ave	0.7753	0.7396		23.8	25.0	-4.6	20.0
1,3,5-Trimethylbenzene	Ave	2.712	2.444		22.5	25.0	-9.9	20.0
4-Chlorotoluene	Ave	2.493	2.300		23.1	25.0	-7.8	20.0
tert-Butylbenzene	Ave	0.6407	0.5748		22.4	25.0	-10.3	20.0
1,2,4-Trimethylbenzene	Ave	2.729	2.545		23.3	25.0	-6.8	20.0
sec-Butylbenzene	Ave	3.424	3.192		23.3	25.0	-6.8	20.0
1,3-Dichlorobenzene	Ave	1.654	1.557	0.6000	23.5	25.0	-5.8	20.0
4-Isopropyltoluene	Ave	2.967	2.644		22.3	25.0	-10.9	20.0
1,4-Dichlorobenzene	Ave	1.665	1.617	0.5000	24.3	25.0	-2.9	20.0
n-Butylbenzene	Ave	2.548	2.292		22.5	25.0	-10.0	20.0
1,2-Dichlorobenzene	Ave	1.572	1.474	0.4000	23.4	25.0	-6.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-340437/2 Calibration Date: 01/18/2017 08:54
 Instrument ID: HP5973N Calib Start Date: 11/26/2016 18:51
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 11/26/2016 21:59
 Lab File ID: N2578.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1271	0.1045	0.0500	20.6	25.0	-17.8	50.0
1,2,4-Trichlorobenzene	Ave	1.078	0.9776	0.2000	22.7	25.0	-9.3	20.0
Hexachlorobutadiene	Ave	0.4741	0.3755		19.8	25.0	-20.8*	20.0
Naphthalene	Ave	2.655	2.040		19.2	25.0	-23.2*	20.0
1,2,3-Trichlorobenzene	Ave	0.9821	0.7950		20.2	25.0	-19.1	20.0
Dibromofluoromethane (Surr)	Ave	1.254	1.241		24.7	25.0	-1.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.365	1.350		24.7	25.0	-1.2	20.0
Toluene-d8 (Surr)	Ave	1.277	1.216		23.8	25.0	-4.8	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4325	0.4172		24.1	25.0	-3.5	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2578.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 18-Jan-2017 08:54:30 ALS Bottle#: 2 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 480-0059834-002
 Operator ID: nea Instrument ID: HP5973N
 Sublist: chrom-N-8260*sub38
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 16:06:36 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK031

First Level Reviewer: archern

Date: 18-Jan-2017 09:28:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	97487	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	357813	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	183333	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.926	4.926	0.000	94	120971	25.0	24.7	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	131560	25.0	24.7	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	434957	25.0	23.8	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	97	149277	25.0	24.1	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	99	101615	25.0	21.6	
13 Chloromethane	50	1.525	1.525	0.000	99	172090	25.0	20.7	
14 Vinyl chloride	62	1.634	1.634	0.000	98	153185	25.0	23.0	
144 Butadiene	54	1.659	1.659	0.000	86	164756	25.0	19.4	
15 Bromomethane	94	1.926	1.926	0.000	90	73663	25.0	24.9	
16 Chloroethane	64	2.036	2.036	0.000	100	88424	25.0	23.7	
17 Dichlorofluoromethane	67	2.255	2.255	0.000	97	191399	25.0	22.4	
18 Trichlorofluoromethane	101	2.273	2.273	0.000	97	153803	25.0	24.3	
19 Ethyl ether	59	2.559	2.559	0.000	94	133053	25.0	24.2	
20 Acrolein	56	2.711	2.711	0.000	99	117359	125.0	83.7	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	98	115479	25.0	20.9	
21 1,1,2-Trichloro-1,2,2-trif	101	2.778	2.778	0.000	88	111085	25.0	21.2	
23 Acetone	43	2.863	2.863	0.000	100	172268	125.0	87.4	
24 Iodomethane	142	2.924	2.924	0.000	97	229039	25.0	23.4	
25 Carbon disulfide	76	2.967	2.967	0.000	99	360458	25.0	20.1	
27 3-Chloro-1-propene	41	3.131	3.131	0.000	94	214636	25.0	21.1	
28 Methyl acetate	43	3.174	3.174	0.000	98	502089	125.0	90.1	
30 Methylene Chloride	84	3.265	3.265	0.000	96	142731	25.0	22.6	
31 2-Methyl-2-propanol	59	3.417	3.417	0.000	100	150846	250.0	179.2	
32 Methyl tert-butyl ether	73	3.496	3.496	0.000	96	373206	25.0	21.1	
33 trans-1,2-Dichloroethene	96	3.508	3.508	0.000	98	129579	25.0	21.8	
34 Acrylonitrile	53	3.526	3.526	0.000	99	555882	250.0	189.8	
35 Hexane	57	3.727	3.727	0.000	89	191544	25.0	19.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.916	3.916	0.000	96	231187	25.0	21.2	
39 Vinyl acetate	43	3.971	3.971	0.000	97	570245	50.0	40.4	
42 2,2-Dichloropropane	77	4.445	4.445	0.000	86	134161	25.0	22.7	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	80	144352	25.0	22.5	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	100	290446	125.0	92.9	
47 Chlorobromomethane	128	4.694	4.694	0.000	95	72201	25.0	22.8	
49 Tetrahydrofuran	42	4.725	4.725	0.000	89	79655	50.0	33.1	
50 Chloroform	83	4.774	4.774	0.000	93	213508	25.0	23.3	
51 1,1,1-Trichloroethane	97	4.907	4.907	0.000	99	163282	25.0	22.3	
52 Cyclohexane	56	4.938	4.938	0.000	92	209586	25.0	18.5	
53 Carbon tetrachloride	117	5.053	5.053	0.000	97	138407	25.0	20.7	
54 1,1-Dichloropropene	75	5.060	5.060	0.000	98	158171	25.0	22.1	
56 Isobutyl alcohol	43	5.242	5.242	0.000	96	148557	625.0	399.7	
55 Benzene	78	5.260	5.260	0.000	97	494310	25.0	22.0	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	97	160803	25.0	22.5	
59 n-Heptane	43	5.467	5.467	0.000	93	165951	25.0	17.2	
60 Trichloroethene	95	5.869	5.869	0.000	96	123348	25.0	22.7	
62 Methylcyclohexane	83	6.015	6.015	0.000	90	201182	25.0	20.3	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	97	123453	25.0	21.4	
64 Dibromomethane	93	6.228	6.228	0.000	90	72553	25.0	22.7	
66 1,4-Dioxane	88	6.234	6.234	0.000	35	26991	500.0	465.3	
67 Dichlorobromomethane	83	6.380	6.380	0.000	99	143342	25.0	21.8	
69 2-Chloroethyl vinyl ether	63	6.659	6.659	0.000	92	76812	25.0	20.5	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	96	188418	25.0	22.3	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	251816	125.0	92.3	
73 Toluene	92	7.110	7.110	0.000	99	299751	25.0	22.2	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	92	163503	25.0	22.4	
77 Ethyl methacrylate	69	7.426	7.426	0.000	90	145453	25.0	21.0	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	91	85790	25.0	21.6	
79 Tetrachloroethene	166	7.651	7.651	0.000	97	134925	25.0	22.3	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	92	170487	25.0	21.4	
82 2-Hexanone	43	7.785	7.785	0.000	94	396782	125.0	88.8	
83 Chlorodibromomethane	129	7.955	7.955	0.000	91	108531	25.0	21.7	
84 Ethylene Dibromide	107	8.059	8.059	0.000	98	106351	25.0	21.8	
85 Chlorobenzene	112	8.551	8.551	0.000	96	332417	25.0	21.9	
89 1,1,1,2-Tetrachloroethane	131	8.649	8.649	0.000	95	119447	25.0	22.4	
88 Ethylbenzene	91	8.655	8.655	0.000	98	520500	25.0	21.7	
90 m-Xylene & p-Xylene	106	8.777	8.777	0.000	0	218034	25.0	22.1	
91 o-Xylene	106	9.202	9.202	0.000	95	220010	25.0	22.4	
92 Styrene	104	9.227	9.227	0.000	96	364641	25.0	22.4	
93 Bromoform	173	9.458	9.458	0.000	98	69226	25.0	20.9	
95 Isopropylbenzene	105	9.586	9.586	0.000	95	553648	25.0	23.2	
97 Bromobenzene	156	9.920	9.920	0.000	87	159270	25.0	25.1	
98 1,1,2,2-Tetrachloroethane	83	9.957	9.957	0.000	93	127197	25.0	21.6	
99 1,2,3-Trichloropropane	110	9.987	9.987	0.000	85	39570	25.0	22.6	
101 trans-1,4-Dichloro-2-buten	53	10.005	10.005	0.000	66	38542	25.0	26.1	
100 N-Propylbenzene	91	10.012	10.012	0.000	99	608999	25.0	22.8	
102 2-Chlorotoluene	126	10.109	10.109	0.000	98	135592	25.0	23.8	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	94	448005	25.0	22.5	
105 4-Chlorotoluene	91	10.218	10.218	0.000	96	421581	25.0	23.1	
106 tert-Butylbenzene	134	10.504	10.504	0.000	92	105372	25.0	22.4	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	96	466542	25.0	23.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.717	10.717	0.000	93	585137	25.0	23.3	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	98	285495	25.0	23.5	
111 4-Isopropyltoluene	119	10.857	10.857	0.000	97	484784	25.0	22.3	
113 1,4-Dichlorobenzene	146	10.924	10.924	0.000	96	296504	25.0	24.3	
115 n-Butylbenzene	91	11.240	11.240	0.000	97	420159	25.0	22.5	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	98	270294	25.0	23.4	
117 1,2-Dibromo-3-Chloropropan	75	11.989	11.989	0.000	90	19164	25.0	20.6	
119 1,2,4-Trichlorobenzene	180	12.688	12.688	0.000	93	179228	25.0	22.7	
120 Hexachlorobutadiene	225	12.810	12.810	0.000	96	68838	25.0	19.8	
121 Naphthalene	128	12.895	12.895	0.000	97	373993	25.0	19.2	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	97	145746	25.0	20.2	

Reagents:

8260 CORP mix_00090	Amount Added: 12.50	Units: uL	
GAS CORP mix_00200	Amount Added: 12.50	Units: uL	
N 8260 IS_00053	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00236	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2578.D

Injection Date: 18-Jan-2017 08:54:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

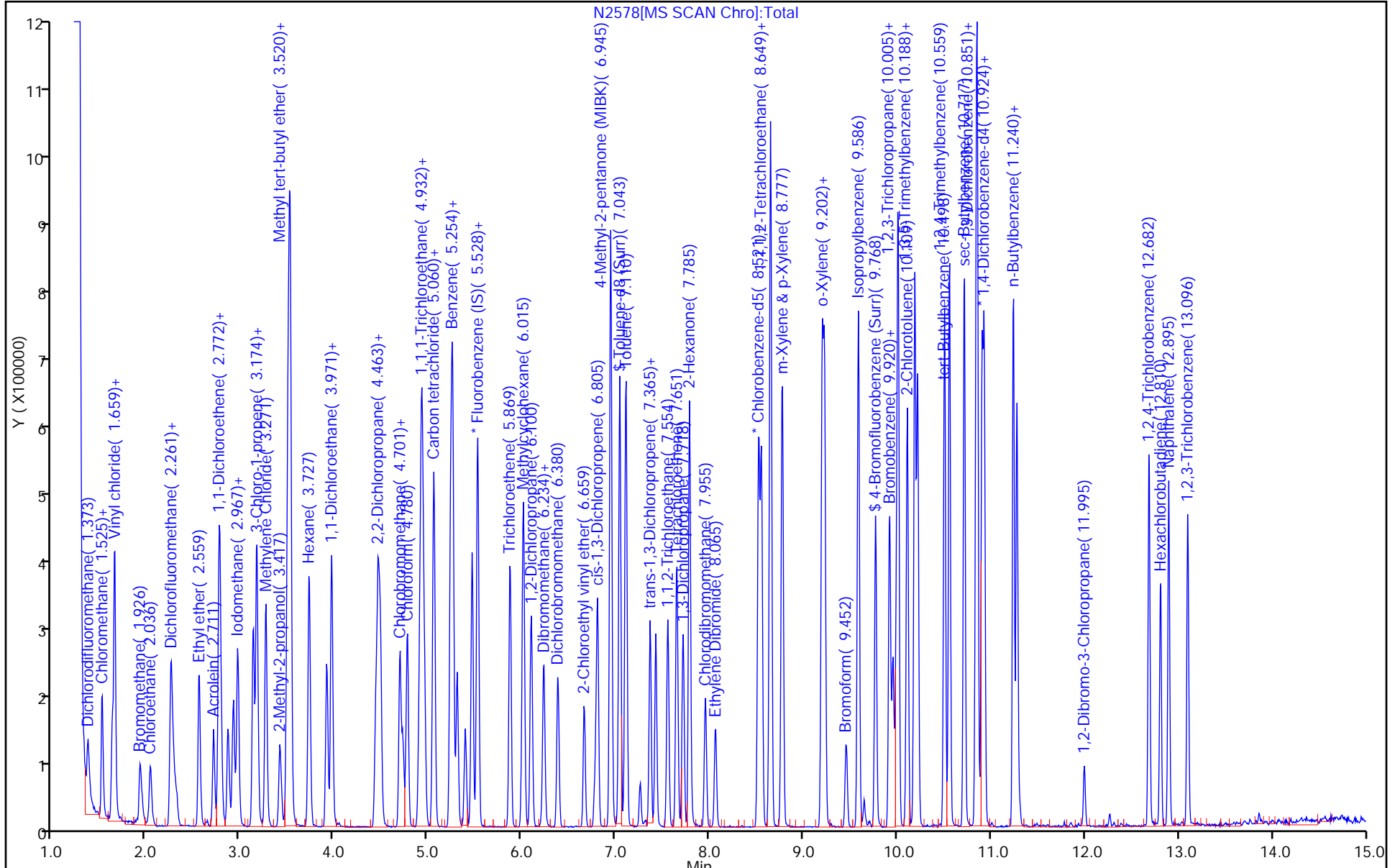
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-340630/2 Calibration Date: 01/19/2017 09:26
 Instrument ID: HP5973N Calib Start Date: 11/26/2016 18:51
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 11/26/2016 21:59
 Lab File ID: N2620.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.204	1.110	0.1000	23.0	25.0	-7.8	50.0
Chloromethane	Ave	2.137	1.717	0.1000	20.1	25.0	-19.7	20.0
Vinyl chloride	Ave	1.707	1.618	0.1000	23.7	25.0	-5.2	20.0
Butadiene	Ave	2.176	1.738		20.0	25.0	-20.1*	20.0
Bromomethane	Ave	0.7581	0.8150	0.1000	26.9	25.0	7.5	50.0
Chloroethane	Ave	0.9577	0.9009	0.1000	23.5	25.0	-5.9	50.0
Dichlorofluoromethane	Ave	2.192	2.002		22.8	25.0	-8.7	20.0
Trichlorofluoromethane	Ave	1.624	1.531	0.1000	23.6	25.0	-5.7	20.0
Ethyl ether	Ave	1.407	1.432		25.4	25.0	1.8	20.0
Acrolein	Ave	0.3595	0.2325		80.8	125	-35.3	50.0
1,1-Dichloroethene	Ave	1.414	1.245	0.1000	22.0	25.0	-12.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.344	1.155	0.1000	21.5	25.0	-14.0	20.0
Acetone	Ave	0.5054	0.4549	0.1000	113	125	-10.0	50.0
Iodomethane	Ave	2.509	2.313		23.0	25.0	-7.8	20.0
Carbon disulfide	Ave	4.605	3.716	0.1000	20.2	25.0	-19.3	20.0
Allyl chloride	Ave	2.604	2.202		21.1	25.0	-15.4	20.0
Methyl acetate	Ave	1.430	1.098	0.1000	96.0	125	-23.2	50.0
Methylene Chloride	Ave	1.622	1.540	0.1000	23.7	25.0	-5.1	20.0
2-Methyl-2-propanol	Ave	0.2158	0.1652		191	250	-23.4	50.0
Methyl tert-butyl ether	Ave	4.530	4.104	0.1000	22.7	25.0	-9.4	20.0
trans-1,2-Dichloroethene	Ave	1.522	1.398	0.1000	23.0	25.0	-8.2	20.0
Acrylonitrile	Ave	0.7511	0.6103		203	250	-18.8	20.0
Hexane	Ave	2.567	1.991		19.4	25.0	-22.4*	20.0
1,1-Dichloroethane	Ave	2.797	2.437	0.2000	21.8	25.0	-12.9	20.0
Vinyl acetate	Ave	3.618	3.053		42.2	50.0	-15.6	20.0
2,2-Dichloropropane	Ave	1.513	1.325		21.9	25.0	-12.4	20.0
cis-1,2-Dichloroethene	Ave	1.642	1.532	0.1000	23.3	25.0	-6.7	20.0
2-Butanone (MEK)	Ave	0.8014	0.6760	0.1000	105	125	-15.7	20.0
Chlorobromomethane	Ave	0.8137	0.7482		23.0	25.0	-8.1	20.0
Tetrahydrofuran	Ave	0.6168	0.4337		35.2	50.0	-29.7*	20.0
Chloroform	Ave	2.349	2.271	0.2000	24.2	25.0	-3.4	20.0
1,1,1-Trichloroethane	Ave	1.881	1.708	0.1000	22.7	25.0	-9.2	20.0
Cyclohexane	Ave	2.904	2.178	0.1000	18.8	25.0	-25.0*	20.0
Carbon tetrachloride	Ave	1.711	1.503	0.1000	22.0	25.0	-12.2	20.0
1,1-Dichloropropene	Ave	1.839	1.673		22.7	25.0	-9.0	20.0
Isobutyl alcohol	Ave	0.0953	0.0665		436	625	-30.2	50.0
Benzene	Ave	5.764	5.305	0.5000	23.0	25.0	-8.0	20.0
1,2-Dichloroethane	Ave	1.837	1.774	0.1000	24.1	25.0	-3.4	20.0
n-Heptane	Ave	2.475	1.806		18.2	25.0	-27.0*	20.0
Trichloroethene	Ave	1.393	1.336	0.2000	24.0	25.0	-4.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-340630/2 Calibration Date: 01/19/2017 09:26
 Instrument ID: HP5973N Calib Start Date: 11/26/2016 18:51
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 11/26/2016 21:59
 Lab File ID: N2620.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	2.539	2.100	0.1000	20.7	25.0	-17.3	20.0
1,2-Dichloropropane	Ave	1.477	1.369	0.1000	23.2	25.0	-7.3	20.0
Dibromomethane	Ave	0.8188	0.7846	0.1000	24.0	25.0	-4.2	20.0
1,4-Dioxane	Ave	0.0041	0.0034		415	500	-17.0	50.0
Bromodichloromethane	Ave	1.686	1.597	0.2000	23.7	25.0	-5.3	20.0
2-Chloroethyl vinyl ether	Ave	0.9588	0.8099		21.1	25.0	-15.5	20.0
cis-1,3-Dichloropropene	Ave	2.167	2.077	0.2000	24.0	25.0	-4.1	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1907	0.1507	0.1000	98.8	125	-21.0*	20.0
Toluene	Ave	0.9441	0.8593	0.4000	22.8	25.0	-9.0	20.0
trans-1,3-Dichloropropene	Ave	0.5090	0.4797	0.1000	23.6	25.0	-5.8	20.0
Ethyl methacrylate	Ave	0.4836	0.4285		22.2	25.0	-11.4	20.0
1,1,2-Trichloroethane	Ave	0.2775	0.2482	0.1000	22.4	25.0	-10.6	20.0
Tetrachloroethene	Ave	0.4235	0.3903	0.2000	23.0	25.0	-7.9	20.0
1,3-Dichloropropane	Ave	0.5560	0.4940		22.2	25.0	-11.1	20.0
2-Hexanone	Ave	0.3120	0.2446	0.1000	98.0	125	-21.6*	20.0
Dibromochloromethane	Ave	0.3497	0.3062	0.1000	21.9	25.0	-12.4	20.0
1,2-Dibromoethane	Ave	0.3406	0.3249		23.8	25.0	-4.6	20.0
Chlorobenzene	Ave	1.058	0.9344	0.5000	22.1	25.0	-11.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3731	0.3331		22.3	25.0	-10.7	20.0
Ethylbenzene	Ave	1.673	1.498	0.1000	22.4	25.0	-10.5	20.0
m,p-Xylene	Ave	0.6892	0.6271	0.1000	22.7	25.0	-9.0	20.0
o-Xylene	Ave	0.6859	0.6254	0.3000	22.8	25.0	-8.8	20.0
Styrene	Ave	1.136	1.054	0.3000	23.2	25.0	-7.2	20.0
Bromoform	Ave	0.2309	0.2057	0.1000	22.3	25.0	-10.9	50.0
Isopropylbenzene	Ave	3.256	3.013	0.1000	23.1	25.0	-7.5	20.0
Bromobenzene	Ave	0.8657	0.8374		24.2	25.0	-3.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8026	0.7087	0.3000	22.1	25.0	-11.7	20.0
1,2,3-Trichloropropane	Ave	0.2390	0.2444		25.6	25.0	2.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2014	0.2011		25.0	25.0	-0.2	50.0
N-Propylbenzene	Ave	3.636	3.389		23.3	25.0	-6.8	20.0
2-Chlorotoluene	Ave	0.7753	0.7318		23.6	25.0	-5.6	20.0
1,3,5-Trimethylbenzene	Ave	2.712	2.540		23.4	25.0	-6.4	20.0
4-Chlorotoluene	Ave	2.493	2.358		23.6	25.0	-5.4	20.0
tert-Butylbenzene	Ave	0.6407	0.5560		21.7	25.0	-13.2	20.0
1,2,4-Trimethylbenzene	Ave	2.729	2.609		23.9	25.0	-4.4	20.0
sec-Butylbenzene	Ave	3.424	3.181		23.2	25.0	-7.1	20.0
1,3-Dichlorobenzene	Ave	1.654	1.591	0.6000	24.1	25.0	-3.8	20.0
4-Isopropyltoluene	Ave	2.967	2.683		22.6	25.0	-9.6	20.0
1,4-Dichlorobenzene	Ave	1.665	1.646	0.5000	24.7	25.0	-1.2	20.0
n-Butylbenzene	Ave	2.548	2.335		22.9	25.0	-8.3	20.0
1,2-Dichlorobenzene	Ave	1.572	1.505	0.4000	23.9	25.0	-4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-340630/2 Calibration Date: 01/19/2017 09:26
 Instrument ID: HP5973N Calib Start Date: 11/26/2016 18:51
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 11/26/2016 21:59
 Lab File ID: N2620.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1271	0.0995	0.0500	19.6	25.0	-21.7	50.0
1,2,4-Trichlorobenzene	Ave	1.078	0.9895	0.2000	22.9	25.0	-8.3	20.0
Hexachlorobutadiene	Ave	0.4741	0.3686		19.4	25.0	-22.2*	20.0
Naphthalene	Ave	2.655	2.164		20.4	25.0	-18.5	20.0
1,2,3-Trichlorobenzene	Ave	0.9821	0.8201		20.9	25.0	-16.5	20.0
Dibromofluoromethane (Surr)	Ave	1.254	1.291		25.7	25.0	2.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.365	1.393		25.5	25.0	2.0	20.0
Toluene-d8 (Surr)	Ave	1.277	1.239		24.3	25.0	-3.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4325	0.4228		24.4	25.0	-2.2	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2620.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 19-Jan-2017 09:26:30 ALS Bottle#: 2 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 480-0059868-002
 Operator ID: nea Instrument ID: HP5973N
 Sublist: chrom-N-8260*sub38
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-Jan-2017 09:46:19 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: archern

Date: 19-Jan-2017 09:46:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.522	5.522	0.000	99	92980	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	354100	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	183379	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	93	120056	25.0	25.7	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	129564	25.0	25.5	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	438699	25.0	24.3	
\$ 7 4-Bromofluorobenzene (Surr	174	9.774	9.774	0.000	96	149696	25.0	24.4	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	99	103163	25.0	23.0	
13 Chloromethane	50	1.519	1.519	0.000	99	159626	25.0	20.1	
14 Vinyl chloride	62	1.628	1.628	0.000	97	150438	25.0	23.7	
144 Butadiene	54	1.659	1.659	0.000	88	161645	25.0	20.0	
15 Bromomethane	94	1.932	1.932	0.000	89	75779	25.0	26.9	
16 Chloroethane	64	2.042	2.042	0.000	100	83769	25.0	23.5	
17 Dichlorofluoromethane	67	2.255	2.255	0.000	97	186113	25.0	22.8	
18 Trichlorofluoromethane	101	2.273	2.273	0.000	83	142389	25.0	23.6	
19 Ethyl ether	59	2.553	2.553	0.000	94	133151	25.0	25.4	
20 Acrolein	56	2.705	2.705	0.000	99	108105	125.0	80.8	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	98	115765	25.0	22.0	
21 1,1,2-Trichloro-1,2,2-trif	101	2.784	2.784	0.000	89	107414	25.0	21.5	
23 Acetone	43	2.863	2.863	0.000	99	211503	125.0	112.5	
24 Iodomethane	142	2.918	2.918	0.000	97	215042	25.0	23.0	
25 Carbon disulfide	76	2.967	2.967	0.000	99	345556	25.0	20.2	
27 3-Chloro-1-propene	41	3.131	3.131	0.000	93	204730	25.0	21.1	
28 Methyl acetate	43	3.167	3.167	0.000	98	510294	125.0	96.0	
30 Methylene Chloride	84	3.265	3.265	0.000	95	143157	25.0	23.7	
31 2-Methyl-2-propanol	59	3.423	3.423	0.000	99	153613	250.0	191.4	
32 Methyl tert-butyl ether	73	3.496	3.496	0.000	96	381583	25.0	22.7	
33 trans-1,2-Dichloroethene	96	3.508	3.508	0.000	98	129941	25.0	23.0	
34 Acrylonitrile	53	3.526	3.526	0.000	98	567458	250.0	203.1	
35 Hexane	57	3.727	3.727	0.000	89	185099	25.0	19.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.916	3.916	0.000	96	226572	25.0	21.8	
39 Vinyl acetate	43	3.970	3.970	0.000	97	567654	50.0	42.2	
42 2,2-Dichloropropane	77	4.445	4.445	0.000	85	123244	25.0	21.9	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	79	142473	25.0	23.3	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	100	314251	125.0	105.4	
47 Chlorobromomethane	128	4.700	4.700	0.000	97	69565	25.0	23.0	
49 Tetrahydrofuran	42	4.725	4.725	0.000	90	80656	50.0	35.2	
50 Chloroform	83	4.773	4.773	0.000	94	211115	25.0	24.2	
51 1,1,1-Trichloroethane	97	4.907	4.907	0.000	98	158834	25.0	22.7	
52 Cyclohexane	56	4.938	4.938	0.000	90	202556	25.0	18.8	
53 Carbon tetrachloride	117	5.053	5.053	0.000	97	139722	25.0	22.0	
54 1,1-Dichloropropene	75	5.059	5.059	0.000	95	155552	25.0	22.7	
56 Isobutyl alcohol	43	5.236	5.236	0.000	96	154588	625.0	436.1	
55 Benzene	78	5.260	5.260	0.000	97	493268	25.0	23.0	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	97	164943	25.0	24.1	
59 n-Heptane	43	5.467	5.467	0.000	91	167955	25.0	18.2	
60 Trichloroethene	95	5.875	5.875	0.000	97	124259	25.0	24.0	
62 Methylcyclohexane	83	6.014	6.014	0.000	90	195214	25.0	20.7	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	97	127302	25.0	23.2	
64 Dibromomethane	93	6.227	6.227	0.000	90	72951	25.0	24.0	
66 1,4-Dioxane	88	6.240	6.240	0.000	42	23829	500.0	415.1	
67 Dichlorobromomethane	83	6.379	6.379	0.000	98	148451	25.0	23.7	
69 2-Chloroethyl vinyl ether	63	6.665	6.665	0.000	93	75302	25.0	21.1	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	96	193135	25.0	24.0	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	266805	125.0	98.8	
73 Toluene	92	7.103	7.103	0.000	99	304287	25.0	22.8	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	92	169864	25.0	23.6	
77 Ethyl methacrylate	69	7.426	7.426	0.000	90	151738	25.0	22.2	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	90	87873	25.0	22.4	
79 Tetrachloroethene	166	7.651	7.651	0.000	95	138186	25.0	23.0	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	91	174929	25.0	22.2	
82 2-Hexanone	43	7.785	7.785	0.000	94	433075	125.0	98.0	
83 Chlorodibromomethane	129	7.955	7.955	0.000	91	108440	25.0	21.9	
84 Ethylene Dibromide	107	8.059	8.059	0.000	96	115045	25.0	23.8	
85 Chlorobenzene	112	8.551	8.551	0.000	95	330873	25.0	22.1	
89 1,1,1,2-Tetrachloroethane	131	8.643	8.643	0.000	93	117965	25.0	22.3	
88 Ethylbenzene	91	8.649	8.649	0.000	98	530414	25.0	22.4	
90 m-Xylene & p-Xylene	106	8.776	8.776	0.000	0	222057	25.0	22.7	
91 o-Xylene	106	9.196	9.196	0.000	96	221436	25.0	22.8	
92 Styrene	104	9.227	9.227	0.000	95	373327	25.0	23.2	
93 Bromoform	173	9.458	9.458	0.000	97	72843	25.0	22.3	
95 Isopropylbenzene	105	9.585	9.585	0.000	95	552508	25.0	23.1	
97 Bromobenzene	156	9.920	9.920	0.000	88	153563	25.0	24.2	
98 1,1,2,2-Tetrachloroethane	83	9.951	9.951	0.000	94	129952	25.0	22.1	
99 1,2,3-Trichloropropane	110	9.987	9.987	0.000	86	44809	25.0	25.6	
101 trans-1,4-Dichloro-2-buten	53	10.005	10.005	0.000	75	36868	25.0	25.0	
100 N-Propylbenzene	91	10.011	10.011	0.000	99	621478	25.0	23.3	
102 2-Chlorotoluene	126	10.109	10.109	0.000	98	134191	25.0	23.6	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	94	465695	25.0	23.4	
105 4-Chlorotoluene	91	10.218	10.218	0.000	97	432393	25.0	23.6	
106 tert-Butylbenzene	134	10.504	10.504	0.000	91	101949	25.0	21.7	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	96	478489	25.0	23.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.717	10.717	0.000	93	583301	25.0	23.2	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	99	291734	25.0	24.1	
111 4-Isopropyltoluene	119	10.851	10.851	0.000	97	492048	25.0	22.6	
113 1,4-Dichlorobenzene	146	10.930	10.930	0.000	96	301756	25.0	24.7	
115 n-Butylbenzene	91	11.240	11.240	0.000	97	428265	25.0	22.9	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	275917	25.0	23.9	
117 1,2-Dibromo-3-Chloropropan	75	11.995	11.995	0.000	90	18253	25.0	19.6	
119 1,2,4-Trichlorobenzene	180	12.682	12.682	0.000	94	181446	25.0	22.9	
120 Hexachlorobutadiene	225	12.810	12.810	0.000	97	67597	25.0	19.4	
121 Naphthalene	128	12.895	12.895	0.000	96	396766	25.0	20.4	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	95	150381	25.0	20.9	

Reagents:

8260 CORP mix_00090	Amount Added: 12.50	Units: uL	
GAS CORP mix_00201	Amount Added: 12.50	Units: uL	
N 8260 IS_00053	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00237	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2620.D

Injection Date: 19-Jan-2017 09:26:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

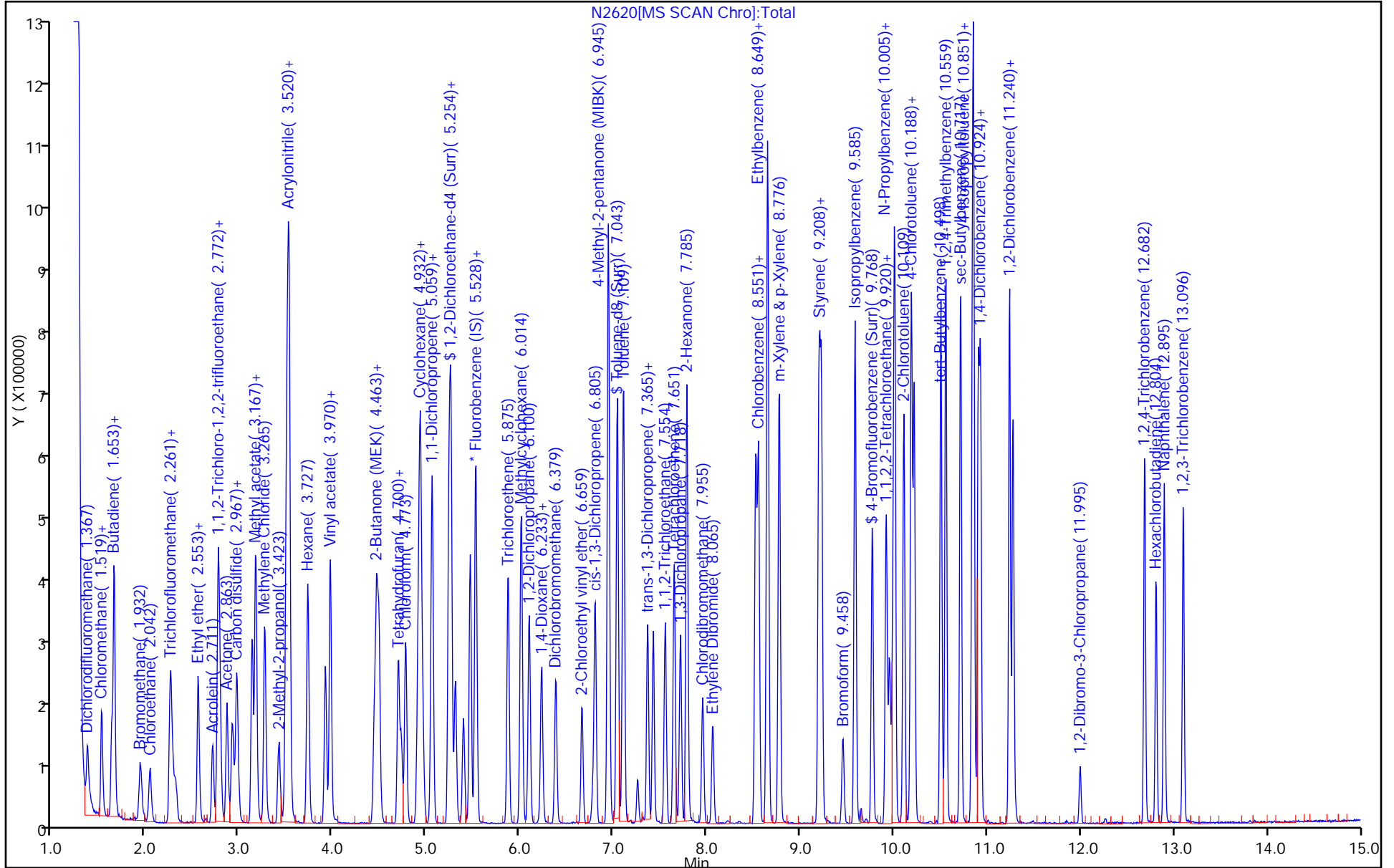
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-340386/3 Calibration Date: 01/17/2017 19:03
 Instrument ID: HP5973P Calib Start Date: 12/28/2016 12:43
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 12/28/2016 15:26
 Lab File ID: P22059.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		2.154	0.1000	33.5	25.0	33.9	50.0
Chloromethane	Ave	1.631	1.848	0.1000	28.3	25.0	13.3	20.0
Vinyl chloride	Ave	1.255	1.381	0.1000	27.5	25.0	10.1	20.0
Butadiene	Ave	1.346	1.432		26.6	25.0	6.4	20.0
Bromomethane	Ave	0.9936	0.8931	0.1000	22.5	25.0	-10.1	50.0
Chloroethane	Ave	1.146	1.328	0.1000	29.0	25.0	15.9	50.0
Dichlorofluoromethane	Ave	2.834	3.259		28.7	25.0	15.0	20.0
Trichlorofluoromethane	Ave	2.479	2.863	0.1000	28.9	25.0	15.5	20.0
Ethyl ether	Ave	1.924	1.843		23.9	25.0	-4.2	20.0
Acrolein	Ave	0.3809	0.4866		160	125	27.7	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.636	1.856	0.1000	28.4	25.0	13.4	20.0
1,1-Dichloroethene	Ave	1.597	1.692	0.1000	26.5	25.0	5.9	20.0
Acetone	Ave	0.7691	1.143	0.1000	186	125	48.7	50.0
Iodomethane	Ave	3.524	3.579		25.4	25.0	1.6	20.0
Carbon disulfide	Ave	4.919	4.886	0.1000	24.8	25.0	-0.7	20.0
Methyl acetate	Ave	2.255	2.258	0.1000	125	125	0.1	50.0
Allyl chloride	Ave	3.564	3.566		25.0	25.0	0.0	20.0
Methylene Chloride	Ave	1.895	1.991	0.1000	26.3	25.0	5.1	20.0
2-Methyl-2-propanol	Ave	0.3471	0.3520		254	250	1.4	50.0
Methyl tert-butyl ether	Ave	5.036	5.021	0.1000	24.9	25.0	-0.3	20.0
Acrylonitrile	Ave	1.205	1.210		251	250	0.4	20.0
trans-1,2-Dichloroethene	Ave	1.771	1.832	0.1000	25.9	25.0	3.4	20.0
Hexane	Ave	2.712	2.802		25.8	25.0	3.3	20.0
Vinyl acetate	Ave	5.208	5.398		51.8	50.0	3.6	20.0
1,1-Dichloroethane	Ave	3.353	3.492	0.2000	26.0	25.0	4.2	20.0
2-Butanone (MEK)	Ave	1.450	1.628	0.1000	140	125	12.3	20.0
cis-1,2-Dichloroethene	Ave	2.016	2.039	0.1000	25.3	25.0	1.2	20.0
2,2-Dichloropropane	Ave	2.182	2.374		27.2	25.0	8.8	20.0
Chlorobromomethane	Ave	1.075	1.098		25.5	25.0	2.2	20.0
Tetrahydrofuran	Ave	1.026	0.9565		46.6	50.0	-6.8	20.0
Chloroform	Ave	3.042	3.123	0.2000	25.7	25.0	2.6	20.0
1,1,1-Trichloroethane	Ave	2.614	2.752	0.1000	26.3	25.0	5.3	20.0
Cyclohexane	Ave	3.877	4.100	0.1000	26.4	25.0	5.7	20.0
Isobutyl alcohol	Ave	0.1558	0.1578		633	625	1.3	50.0
1,1-Dichloropropene	Ave	2.006	2.199		27.4	25.0	9.6	20.0
Carbon tetrachloride	Ave	2.217	2.501	0.1000	28.2	25.0	12.8	20.0
Benzene	Ave	5.954	6.128	0.5000	25.7	25.0	2.9	20.0
1,2-Dichloroethane	Ave	2.801	2.915	0.1000	26.0	25.0	4.1	20.0
n-Heptane	Ave	2.622	2.607		24.9	25.0	-0.6	20.0
Trichloroethene	Ave	1.797	1.832	0.2000	25.5	25.0	2.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-340386/3 Calibration Date: 01/17/2017 19:03
 Instrument ID: HP5973P Calib Start Date: 12/28/2016 12:43
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 12/28/2016 15:26
 Lab File ID: P22059.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	2.597	2.668	0.1000	25.7	25.0	2.7	20.0
1,2-Dichloropropane	Ave	1.890	1.900	0.1000	25.1	25.0	0.5	20.0
1,4-Dioxane	Ave	0.0101	0.0125		617	500	23.4	50.0
Dibromomethane	Ave	1.142	1.178	0.1000	25.8	25.0	3.1	20.0
Bromodichloromethane	Ave	2.037	2.179	0.2000	26.7	25.0	6.9	20.0
2-Chloroethyl vinyl ether	Ave	1.434	1.341		23.4	25.0	-6.5	20.0
cis-1,3-Dichloropropene	Ave	2.444	2.554	0.2000	26.1	25.0	4.5	20.0
4-Methyl-2-pentanone (MIBK)	Ave	1.353	1.380	0.1000	128	125	2.0	20.0
Toluene	Ave	1.817	1.798	0.4000	24.7	25.0	-1.1	20.0
Ethyl methacrylate	Ave	1.005	0.996		24.8	25.0	-0.9	20.0
trans-1,3-Dichloropropene	Ave	1.062	1.150	0.1000	27.1	25.0	8.3	20.0
1,1,2-Trichloroethane	Ave	0.6329	0.6338	0.1000	25.0	25.0	0.1	20.0
Tetrachloroethene	Ave	0.9247	0.9907	0.2000	26.8	25.0	7.1	20.0
2-Hexanone	Ave	0.9199	1.019	0.1000	138	125	10.8	20.0
1,3-Dichloropropane	Ave	1.172	1.208		25.8	25.0	3.0	20.0
Dibromochloromethane	Ave	0.8435	0.9030	0.1000	26.8	25.0	7.1	20.0
1,2-Dibromoethane	Ave	0.8840	0.8888		25.1	25.0	0.5	20.0
Chlorobenzene	Ave	2.331	2.349	0.5000	25.2	25.0	0.7	20.0
Ethylbenzene	Ave	3.276	3.399	0.1000	25.9	25.0	3.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.8546	0.9301		27.2	25.0	8.8	20.0
m,p-Xylene	Ave	1.446	1.450	0.1000	25.1	25.0	0.2	20.0
o-Xylene	Ave	1.463	1.446	0.3000	24.7	25.0	-1.1	20.0
Styrene	Ave	2.273	2.259	0.3000	24.8	25.0	-0.6	20.0
Bromoform	Lin1		0.7348	0.1000	23.3	25.0	-6.9	50.0
Isopropylbenzene	Ave	2.711	2.602	0.1000	24.0	25.0	-4.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9111	0.8498	0.3000	23.3	25.0	-6.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3353	0.3331		24.8	25.0	-0.7	50.0
1,2,3-Trichloropropane	Ave	0.2835	0.2705		23.9	25.0	-4.6	20.0
Bromobenzene	Ave	0.9144	0.9079		24.8	25.0	-0.7	20.0
N-Propylbenzene	Ave	3.027	2.983		24.6	25.0	-1.4	20.0
2-Chlorotoluene	Ave	0.7698	0.7517		24.4	25.0	-2.4	20.0
1,3,5-Trimethylbenzene	Ave	2.269	2.193		24.2	25.0	-3.4	20.0
4-Chlorotoluene	Ave	0.7993	0.7788		24.4	25.0	-2.6	20.0
tert-Butylbenzene	Ave	0.5888	0.5634		23.9	25.0	-4.3	20.0
1,2,4-Trimethylbenzene	Ave	2.464	2.360		23.9	25.0	-4.2	20.0
sec-Butylbenzene	Ave	2.895	2.805		24.2	25.0	-3.1	20.0
4-Isopropyltoluene	Ave	2.839	2.721		24.0	25.0	-4.2	20.0
1,3-Dichlorobenzene	Ave	1.668	1.578	0.6000	23.7	25.0	-5.4	20.0
1,4-Dichlorobenzene	Ave	1.672	1.618	0.5000	24.2	25.0	-3.2	20.0
n-Butylbenzene	Ave	2.167	2.099		24.2	25.0	-3.1	20.0
1,2-Dichlorobenzene	Ave	1.677	1.563	0.4000	23.3	25.0	-6.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-340386/3 Calibration Date: 01/17/2017 19:03
 Instrument ID: HP5973P Calib Start Date: 12/28/2016 12:43
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 12/28/2016 15:26
 Lab File ID: P22059.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.2020	0.1732	0.0500	21.4	25.0	-14.3	50.0
1,2,4-Trichlorobenzene	Ave	1.420	1.328	0.2000	23.4	25.0	-6.5	20.0
Hexachlorobutadiene	Ave	0.5427	0.5292		24.4	25.0	-2.5	20.0
Naphthalene	Ave	3.846	3.261		21.2	25.0	-15.2	20.0
1,2,3-Trichlorobenzene	Ave	1.347	1.209		22.4	25.0	-10.3	20.0
Dibromofluoromethane (Surr)	Ave	1.338	1.375		25.7	25.0	2.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.7665	0.7848		25.6	25.0	2.4	20.0
Toluene-d8 (Surr)	Ave	2.178	2.164		24.8	25.0	-0.7	20.0
4-Bromofluorobenzene (Surr)	Ave	0.8915	0.8885		24.9	25.0	-0.3	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22059.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 17-Jan-2017 19:03:30 ALS Bottle#: 33 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 480-0059829-003
 Operator ID: RR Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 17-Jan-2017 19:27:16 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK004

First Level Reviewer: reiler

Date: 17-Jan-2017 19:27:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	99	108660	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	85	234156	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.744	16.744	0.000	92	317298	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	95	149453	25.0	25.7	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.438	9.438	0.000	0	85279	25.0	25.6	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.792	0.000	94	506727	25.0	24.8	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	208049	25.0	24.9	
10 Dichlorodifluoromethane	85	3.981	3.981	0.000	99	234041	25.0	33.5	
11 Chloromethane	50	4.285	4.285	0.000	99	200796	25.0	28.3	
17 Vinyl chloride	62	4.516	4.516	0.000	98	150087	25.0	27.5	
144 Butadiene	54	4.535	4.535	0.000	88	155613	25.0	26.6	
12 Bromomethane	94	5.064	5.064	0.000	93	97047	25.0	22.5	
13 Chloroethane	64	5.198	5.198	0.000	97	144259	25.0	29.0	
19 Dichlorofluoromethane	67	5.484	5.484	0.000	98	354135	25.0	28.7	
14 Trichlorofluoromethane	101	5.599	5.599	0.000	98	311075	25.0	28.9	
20 Ethyl ether	59	5.891	5.891	0.000	98	200258	25.0	23.9	
22 Acrolein	56	6.141	6.141	0.000	100	264370	125.0	159.7	
16 1,1,2-Trichloro-1,2,2-trif	101	6.238	6.238	0.000	89	201649	25.0	28.4	
25 1,1-Dichloroethene	96	6.281	6.281	0.000	94	183812	25.0	26.5	
24 Acetone	43	6.317	6.317	0.000	100	621132	125.0	185.8	
18 Iodomethane	142	6.548	6.548	0.000	98	388876	25.0	25.4	
27 Carbon disulfide	76	6.670	6.670	0.000	100	530940	25.0	24.8	M
30 Methyl acetate	43	6.688	6.688	0.000	100	1226761	125.0	125.2	
28 3-Chloro-1-propene	41	6.725	6.725	0.000	83	387514	25.0	25.0	
31 Methylene Chloride	84	6.901	6.901	0.000	93	216337	25.0	26.3	
33 2-Methyl-2-propanol	59	6.926	6.926	0.000	97	382444	250.0	253.5	
32 Methyl tert-butyl ether	73	7.157	7.157	0.000	98	545557	25.0	24.9	
34 Acrylonitrile	53	7.187	7.187	0.000	99	1314594	250.0	251.1	
35 trans-1,2-Dichloroethene	96	7.224	7.224	0.000	94	199047	25.0	25.9	
36 Hexane	57	7.455	7.455	0.000	94	304518	25.0	25.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.692	7.692	0.000	97	1173021	50.0	51.8	
40 1,1-Dichloroethane	63	7.747	7.747	0.000	97	379452	25.0	26.0	
44 2-Butanone (MEK)	43	8.392	8.392	0.000	98	884286	125.0	140.3	
43 cis-1,2-Dichloroethene	96	8.440	8.440	0.000	85	221571	25.0	25.3	
45 2,2-Dichloropropane	77	8.446	8.446	0.000	91	257905	25.0	27.2	
50 Chlorobromomethane	128	8.757	8.757	0.000	94	119362	25.0	25.5	
51 Tetrahydrofuran	42	8.787	8.787	0.000	94	207858	50.0	46.6	
49 Chloroform	83	8.793	8.793	0.000	96	339296	25.0	25.7	
52 1,1,1-Trichloroethane	97	9.055	9.055	0.000	98	299047	25.0	26.3	
54 Cyclohexane	56	9.128	9.128	0.000	92	445488	25.0	26.4	
53 Isobutyl alcohol	43	9.207	9.207	0.000	96	428715	625.0	633.0	
56 1,1-Dichloropropene	75	9.231	9.231	0.000	93	238897	25.0	27.4	
55 Carbon tetrachloride	117	9.262	9.262	0.000	96	271791	25.0	28.2	
57 Benzene	78	9.511	9.511	0.000	98	665872	25.0	25.7	
60 1,2-Dichloroethane	62	9.535	9.535	0.000	96	316787	25.0	26.0	
59 n-Heptane	43	9.639	9.639	0.000	96	283280	25.0	24.9	
62 Trichloroethene	95	10.265	10.265	0.000	93	199052	25.0	25.5	
64 Methylcyclohexane	83	10.503	10.503	0.000	97	289882	25.0	25.7	
63 1,2-Dichloropropane	63	10.576	10.576	0.000	95	206502	25.0	25.1	
68 1,4-Dioxane	88	10.691	10.691	0.000	96	58538	500.0	617.2	M
69 Dibromomethane	93	10.764	10.764	0.000	91	127960	25.0	25.8	
70 Dichlorobromomethane	83	10.904	10.904	0.000	98	236727	25.0	26.7	
71 2-Chloroethyl vinyl ether	63	11.166	11.166	0.000	92	145751	25.0	23.4	
73 cis-1,3-Dichloropropene	75	11.440	11.440	0.000	92	277514	25.0	26.1	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.549	0.000	97	1615356	125.0	127.5	
76 Toluene	92	11.884	11.884	0.000	97	420997	25.0	24.7	
77 Ethyl methacrylate	69	12.115	12.115	0.000	95	233216	25.0	24.8	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	96	269251	25.0	27.1	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	93	148400	25.0	25.0	
80 Tetrachloroethene	166	12.626	12.626	0.000	96	231978	25.0	26.8	
83 2-Hexanone	43	12.638	12.638	0.000	97	1193068	125.0	138.5	
82 1,3-Dichloropropane	76	12.662	12.662	0.000	98	282883	25.0	25.8	
81 Chlorodibromomethane	129	13.009	13.009	0.000	91	211453	25.0	26.8	
85 Ethylene Dibromide	107	13.204	13.204	0.000	98	208115	25.0	25.1	
87 Chlorobenzene	112	13.800	13.800	0.000	97	549989	25.0	25.2	
89 Ethylbenzene	91	13.867	13.867	0.000	97	795855	25.0	25.9	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.879	0.000	94	217782	25.0	27.2	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	339481	25.0	25.1	
93 o-Xylene	106	14.554	14.554	0.000	96	338685	25.0	24.7	
94 Styrene	104	14.573	14.573	0.000	96	528921	25.0	24.8	
92 Bromoform	173	14.925	14.925	0.000	98	172063	25.0	23.3	
95 Isopropylbenzene	105	14.998	14.998	0.000	95	825738	25.0	24.0	
97 1,1,2,2-Tetrachloroethane	83	15.418	15.418	0.000	97	269653	25.0	23.3	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	83	105681	25.0	24.8	
100 Bromobenzene	156	15.516	15.516	0.000	87	288073	25.0	24.8	
101 1,2,3-Trichloropropane	110	15.516	15.516	0.000	61	85822	25.0	23.9	
99 N-Propylbenzene	91	15.528	15.528	0.000	97	946581	25.0	24.6	
103 2-Chlorotoluene	126	15.716	15.716	0.000	97	238509	25.0	24.4	
102 1,3,5-Trimethylbenzene	105	15.722	15.722	0.000	97	695827	25.0	24.2	
105 4-Chlorotoluene	126	15.844	15.844	0.000	96	247098	25.0	24.4	
106 tert-Butylbenzene	134	16.160	16.160	0.000	91	178765	25.0	23.9	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	96	748779	25.0	23.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	94	889970	25.0	24.2	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	863272	25.0	24.0	
110 1,3-Dichlorobenzene	146	16.671	16.671	0.000	99	500812	25.0	23.7	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	96	513509	25.0	24.2	
115 n-Butylbenzene	91	17.103	17.103	0.000	97	665861	25.0	24.2	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	99	496053	25.0	23.3	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	90	54964	25.0	21.4	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	421448	25.0	23.4	
120 Hexachlorobutadiene	225	19.470	19.470	0.000	95	167904	25.0	24.4	
121 Naphthalene	128	19.707	19.707	0.000	97	1034561	25.0	21.2	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	95	383473	25.0	22.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00089	Amount Added: 12.50	Units: uL	
GAS CORP mix_00200	Amount Added: 12.50	Units: uL	
P 8260 IS_00195	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00207	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22059.D

Injection Date: 17-Jan-2017 19:03:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

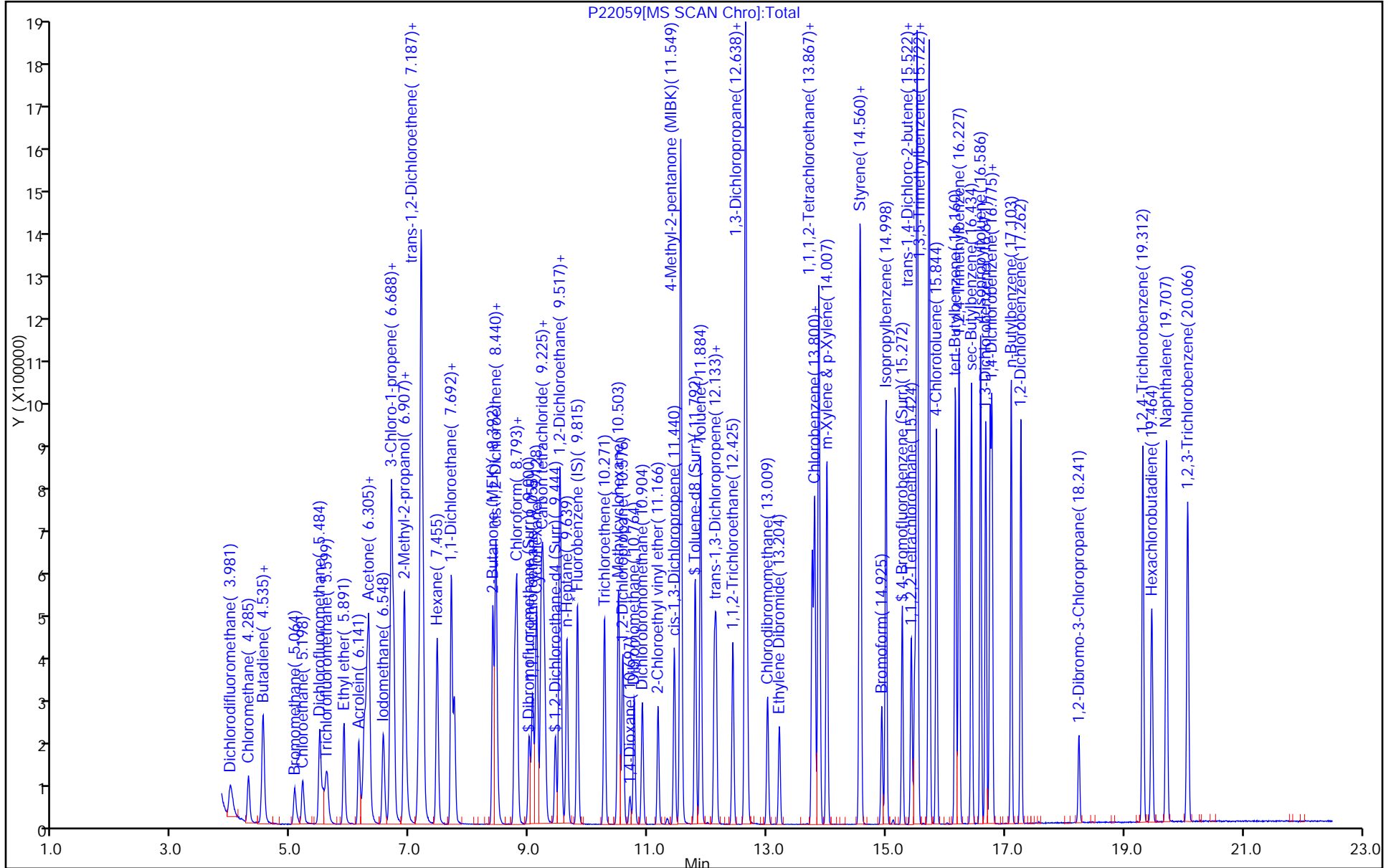
Dil. Factor: 1.0000

ALS Bottle#: 33

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

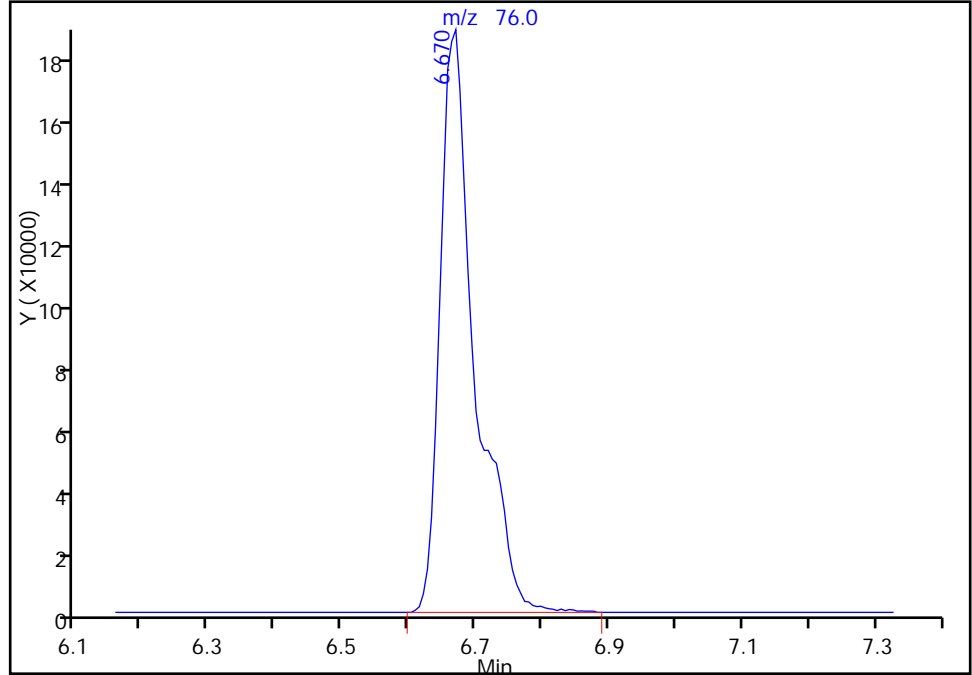
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22059.D
Injection Date: 17-Jan-2017 19:03:30 Instrument ID: HP5973P
Lims ID: CCVIS
Client ID:
Operator ID: RR ALS Bottle#: 33 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

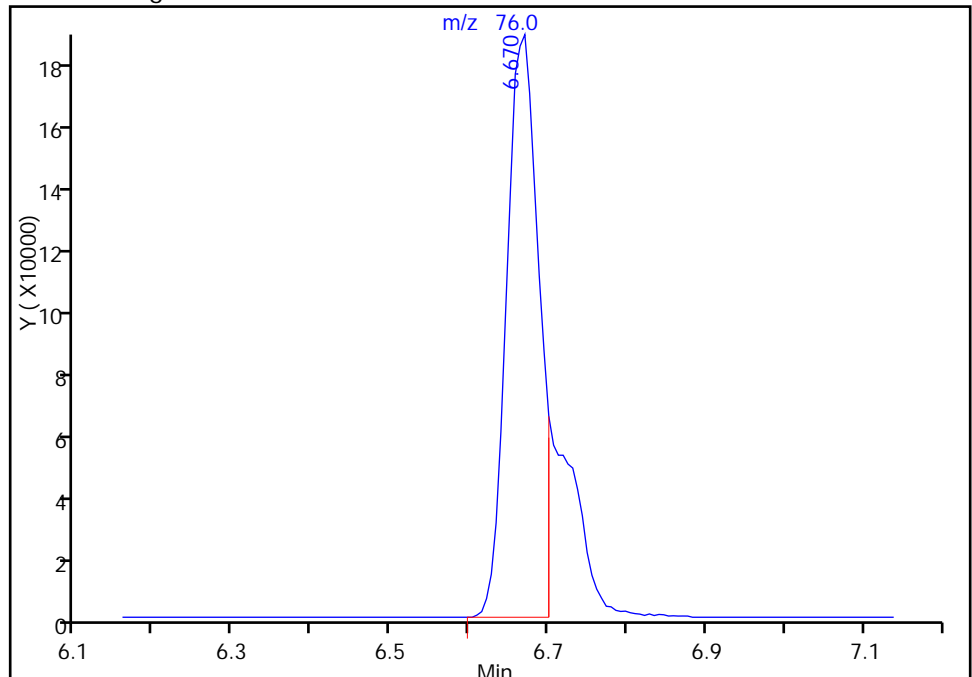
RT: 6.67
Area: 677192
Amount: 31.676182
Amount Units: ug/L

Processing Integration Results



RT: 6.67
Area: 530940
Amount: 24.835131
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 17-Jan-2017 19:27:16
Audit Action: Split an Integrated Peak

Audit Reason: Poor chromatography

TestAmerica Buffalo

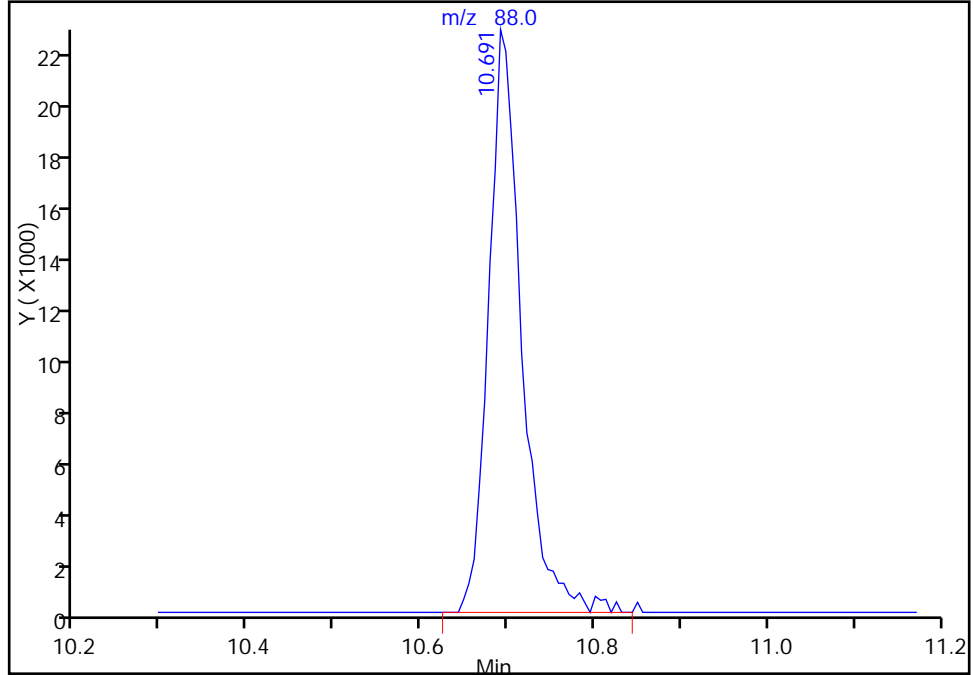
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22059.D
Injection Date: 17-Jan-2017 19:03:30 Instrument ID: HP5973P
Lims ID: CCVIS
Client ID:
Operator ID: RR ALS Bottle#: 33 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

68 1,4-Dioxane, CAS: 123-91-1

Signal: 1

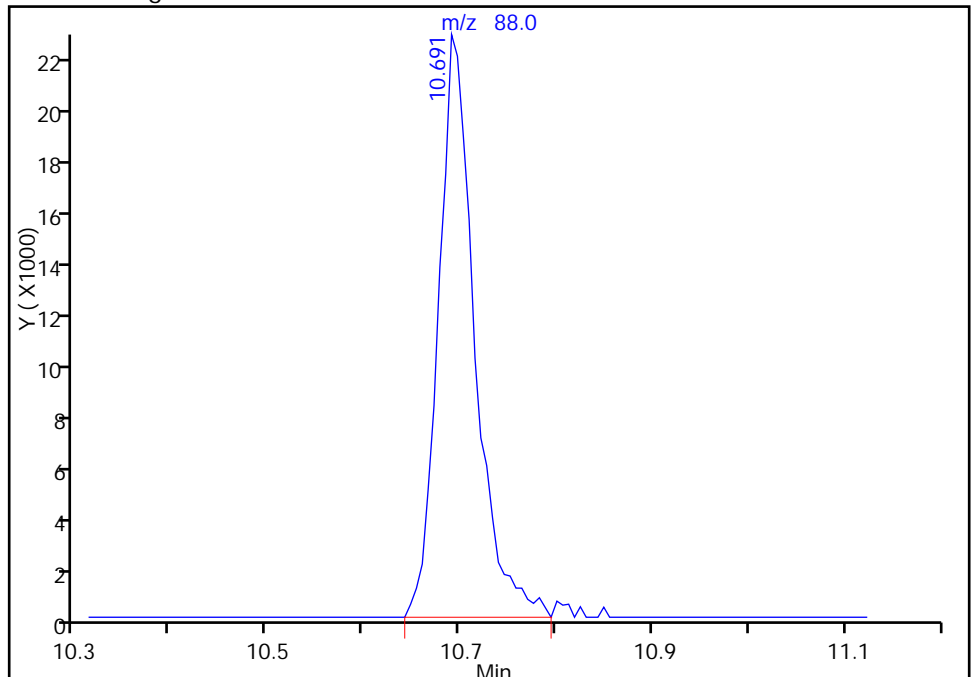
RT: 10.69
Area: 59259
Amount: 624.7684
Amount Units: ug/L

Processing Integration Results



RT: 10.69
Area: 58538
Amount: 617.1669
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 17-Jan-2017 19:27:16
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-341263/2 Calibration Date: 01/24/2017 21:26
 Instrument ID: HP5973P Calib Start Date: 01/21/2017 01:16
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 01/21/2017 04:01
 Lab File ID: P22184.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.756	1.995	0.1000	28.4	25.0	13.6	50.0
Chloromethane	Lin1		1.687	0.1000	29.3	25.0	17.2	20.0
Vinyl chloride	Ave	1.326	1.421	0.1000	26.8	25.0	7.2	20.0
Butadiene	Ave	1.308	1.460		27.9	25.0	11.6	20.0
Bromomethane	Ave	0.8278	1.075	0.1000	32.5	25.0	29.9	50.0
Chloroethane	Ave	0.8838	1.197	0.1000	33.8	25.0	35.4	50.0
Dichlorofluoromethane	Ave	2.934	3.329		28.4	25.0	13.4	20.0
Trichlorofluoromethane	Ave	2.505	2.750	0.1000	27.4	25.0	9.8	20.0
Ethyl ether	Ave	1.563	1.539		24.6	25.0	-1.5	20.0
Acrolein	Ave	0.4722	0.4664		123	125	-1.2	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.494	1.654	0.1000	27.7	25.0	10.7	20.0
1,1-Dichloroethene	Ave	1.398	1.516	0.1000	27.1	25.0	8.4	20.0
Acetone	Ave	0.9171	0.7673	0.1000	105	125	-16.3	50.0
Iodomethane	Ave	2.648	2.776		26.2	25.0	4.8	20.0
Carbon disulfide	Ave	4.422	4.802	0.1000	27.1	25.0	8.6	20.0
Methyl acetate	Ave	2.029	1.910	0.1000	118	125	-5.8	50.0
Allyl chloride	Ave	2.960	3.112		26.3	25.0	5.1	20.0
Methylene Chloride	Lin1		1.674	0.1000	25.4	25.0	1.5	20.0
2-Methyl-2-propanol	Ave	0.3560	0.3378		237	250	-5.1	50.0
Methyl tert-butyl ether	Ave	5.361	5.510	0.1000	25.7	25.0	2.8	20.0
Acrylonitrile	Ave	0.9467	0.9090		240	250	-4.0	20.0
trans-1,2-Dichloroethene	Ave	1.560	1.608	0.1000	25.8	25.0	3.1	20.0
Hexane	Ave	1.868	2.185		29.2	25.0	17.0	20.0
Vinyl acetate	Ave	4.526	4.712		52.1	50.0	4.1	20.0
1,1-Dichloroethane	Ave	2.845	2.943	0.2000	25.9	25.0	3.4	20.0
2-Butanone (MEK)	Ave	1.379	1.281	0.1000	116	125	-7.1	20.0
cis-1,2-Dichloroethene	Ave	1.786	1.861	0.1000	26.0	25.0	4.2	20.0
2,2-Dichloropropane	Ave	2.171	2.559		29.5	25.0	17.9	20.0
Chlorobromomethane	Ave	0.8647	0.8743		25.3	25.0	1.1	20.0
Tetrahydrofuran	Ave	0.8794	0.8307		47.2	50.0	-5.5	20.0
Chloroform	Ave	2.872	2.849	0.2000	24.8	25.0	-0.8	20.0
1,1,1-Trichloroethane	Ave	2.537	2.692	0.1000	26.5	25.0	6.1	20.0
Cyclohexane	Ave	2.994	3.355	0.1000	28.0	25.0	12.1	20.0
Isobutyl alcohol	Ave	0.1327	0.1411		665	625	6.4	50.0
1,1-Dichloropropene	Ave	2.000	2.164		27.1	25.0	8.2	20.0
Carbon tetrachloride	Ave	2.185	2.382	0.1000	27.3	25.0	9.1	20.0
Benzene	Ave	5.874	6.063	0.5000	25.8	25.0	3.2	20.0
1,2-Dichloroethane	Ave	2.806	2.734	0.1000	24.4	25.0	-2.6	20.0
n-Heptane	Ave	1.959	2.170		27.7	25.0	10.7	20.0
Trichloroethene	Ave	1.634	1.720	0.2000	26.3	25.0	5.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-341263/2 Calibration Date: 01/24/2017 21:26
 Instrument ID: HP5973P Calib Start Date: 01/21/2017 01:16
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 01/21/2017 04:01
 Lab File ID: P22184.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	2.259	2.537	0.1000	28.1	25.0	12.3	20.0
1,2-Dichloropropane	Ave	1.560	1.610	0.1000	25.8	25.0	3.2	20.0
1,4-Dioxane	Ave	0.0125	0.0126		503	500	0.5	50.0
Dibromomethane	Ave	1.149	1.165	0.1000	25.4	25.0	1.4	20.0
Bromodichloromethane	Ave	1.967	2.052	0.2000	26.1	25.0	4.3	20.0
2-Chloroethyl vinyl ether	Ave	1.157	1.224		26.4	25.0	5.8	20.0
cis-1,3-Dichloropropene	Ave	2.451	2.592	0.2000	26.4	25.0	5.8	20.0
4-Methyl-2-pentanone (MIBK)	Ave	1.249	1.274	0.1000	127	125	2.0	20.0
Toluene	Ave	1.882	1.959	0.4000	26.0	25.0	4.1	20.0
Ethyl methacrylate	Ave	0.996	1.115		28.0	25.0	11.9	20.0
trans-1,3-Dichloropropene	Ave	1.161	1.227	0.1000	26.4	25.0	5.7	20.0
1,1,2-Trichloroethane	Ave	0.6157	0.6138	0.1000	24.9	25.0	-0.3	20.0
Tetrachloroethene	Ave	0.6984	0.7509	0.2000	26.9	25.0	7.5	20.0
2-Hexanone	Ave	0.8821	0.9154	0.1000	130	125	3.8	20.0
1,3-Dichloropropane	Ave	1.237	1.236		25.0	25.0	-0.0	20.0
Dibromochloromethane	Ave	0.7434	0.7834	0.1000	26.3	25.0	5.4	20.0
1,2-Dibromoethane	Ave	0.7572	0.7850		25.9	25.0	3.7	20.0
Chlorobenzene	Ave	2.222	2.268	0.5000	25.5	25.0	2.1	20.0
Ethylbenzene	Ave	3.519	3.774	0.1000	26.8	25.0	7.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.7691	0.8068		26.2	25.0	4.9	20.0
m,p-Xylene	Ave	1.300	1.403	0.1000	27.0	25.0	7.9	20.0
o-Xylene	Ave	1.309	1.388	0.3000	26.5	25.0	6.0	20.0
Styrene	Ave	2.032	2.243	0.3000	27.6	25.0	10.4	20.0
Bromoform	Ave	0.4822	0.4992	0.1000	25.9	25.0	3.5	50.0
Isopropylbenzene	Ave	3.353	3.682	0.1000	27.5	25.0	9.8	20.0
1,1,2,2-Tetrachloroethane	Ave	1.128	1.137	0.3000	25.2	25.0	0.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3959	0.3845		24.3	25.0	-2.9	50.0
1,2,3-Trichloropropane	Ave	0.3410	0.3345		24.5	25.0	-1.9	20.0
Bromobenzene	Ave	0.9110	0.9474		26.0	25.0	4.0	20.0
N-Propylbenzene	Ave	4.166	4.609		27.7	25.0	10.6	20.0
2-Chlorotoluene	Ave	0.8307	0.8736		26.3	25.0	5.2	20.0
1,3,5-Trimethylbenzene	Ave	2.861	3.134		27.4	25.0	9.5	20.0
4-Chlorotoluene	Ave	0.8677	0.9193		26.5	25.0	6.0	20.0
tert-Butylbenzene	Ave	0.6407	0.6926		27.0	25.0	8.1	20.0
1,2,4-Trimethylbenzene	Ave	3.082	3.365		27.3	25.0	9.2	20.0
sec-Butylbenzene	Ave	3.608	3.953		27.4	25.0	9.6	20.0
4-Isopropyltoluene	Ave	3.220	3.487		27.1	25.0	8.3	20.0
1,3-Dichlorobenzene	Ave	1.834	1.892	0.6000	25.8	25.0	3.2	20.0
1,4-Dichlorobenzene	Ave	1.874	1.929	0.5000	25.7	25.0	2.9	20.0
n-Butylbenzene	Ave	2.972	3.280		27.6	25.0	10.4	20.0
1,2-Dichlorobenzene	Ave	1.871	1.908	0.4000	25.5	25.0	2.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-341263/2 Calibration Date: 01/24/2017 21:26
 Instrument ID: HP5973P Calib Start Date: 01/21/2017 01:16
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 01/21/2017 04:01
 Lab File ID: P22184.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.3016	0.2884	0.0500	23.9	25.0	-4.4	50.0
1,2,4-Trichlorobenzene	Ave	1.251	1.259	0.2000	25.2	25.0	0.6	20.0
Hexachlorobutadiene	Ave	0.3558	0.3727		26.2	25.0	4.7	20.0
Naphthalene	Ave	4.197	4.273		25.5	25.0	1.8	20.0
1,2,3-Trichlorobenzene	Ave	1.158	1.183		25.5	25.0	2.2	20.0
Dibromofluoromethane (Surr)	Ave	1.210	1.212		25.1	25.0	0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8285	0.8127		24.5	25.0	-1.9	20.0
Toluene-d8 (Surr)	Ave	2.076	2.090		25.2	25.0	0.7	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6026	0.5997		24.9	25.0	-0.5	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22184.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 24-Jan-2017 21:26:30 ALS Bottle#: 28 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ccvis
 Misc. Info.: 480-0059986-002
 Operator ID: SO Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 22:04:36 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: o'briens

Date: 24-Jan-2017 22:04:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.809	9.809	0.000	98	280773	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	86	571936	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.744	16.744	0.000	97	564362	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.000	9.000	0.000	94	340382	25.0	25.1	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.444	0.000	0	228184	25.0	24.5	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.792	0.000	95	1195422	25.0	25.2	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	342961	25.0	24.9	
10 Dichlorodifluoromethane	85	3.981	3.981	0.000	99	560055	25.0	28.4	
11 Chloromethane	50	4.291	4.291	0.000	99	473641	25.0	29.3	
17 Vinyl chloride	62	4.510	4.510	0.000	97	399024	25.0	26.8	
144 Butadiene	54	4.535	4.535	0.000	95	409833	25.0	27.9	
12 Bromomethane	94	5.070	5.070	0.000	94	301809	25.0	32.5	
13 Chloroethane	64	5.198	5.198	0.000	98	335987	25.0	33.8	
19 Dichlorofluoromethane	67	5.484	5.484	0.000	97	934612	25.0	28.4	
14 Trichlorofluoromethane	101	5.599	5.599	0.000	98	772019	25.0	27.4	
20 Ethyl ether	59	5.885	5.885	0.000	96	432236	25.0	24.6	
22 Acrolein	56	6.135	6.135	0.000	99	654803	125.0	123.5	
16 1,1,2-Trichloro-1,2,2-trif	101	6.232	6.232	0.000	94	464303	25.0	27.7	
25 1,1-Dichloroethene	96	6.281	6.281	0.000	94	425621	25.0	27.1	
24 Acetone	43	6.311	6.311	0.000	98	1077149	125.0	104.6	
18 Iodomethane	142	6.548	6.548	0.000	99	779357	25.0	26.2	
27 Carbon disulfide	76	6.664	6.664	0.000	100	1348221	25.0	27.1	
30 Methyl acetate	43	6.688	6.688	0.000	99	2681718	125.0	117.7	
28 3-Chloro-1-propene	41	6.725	6.725	0.000	85	873631	25.0	26.3	
31 Methylene Chloride	84	6.901	6.901	0.000	96	469873	25.0	25.4	
33 2-Methyl-2-propanol	59	6.919	6.919	0.000	96	948306	250.0	237.2	
32 Methyl tert-butyl ether	73	7.157	7.157	0.000	98	1547131	25.0	25.7	
34 Acrylonitrile	53	7.187	7.187	0.000	99	2552117	250.0	240.0	
35 trans-1,2-Dichloroethene	96	7.217	7.217	0.000	95	451580	25.0	25.8	
36 Hexane	57	7.455	7.455	0.000	95	613478	25.0	29.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.692	7.692	0.000	97	2646199	50.0	52.1	
40 1,1-Dichloroethane	63	7.741	7.741	0.000	97	826242	25.0	25.9	
44 2-Butanone (MEK)	43	8.385	8.385	0.000	98	1798670	125.0	116.1	
43 cis-1,2-Dichloroethene	96	8.440	8.440	0.000	85	522414	25.0	26.0	
45 2,2-Dichloropropane	77	8.446	8.446	0.000	63	718530	25.0	29.5	
50 Chlorobromomethane	128	8.757	8.757	0.000	94	245480	25.0	25.3	
51 Tetrahydrofuran	42	8.787	8.787	0.000	92	466487	50.0	47.2	
49 Chloroform	83	8.793	8.793	0.000	95	799865	25.0	24.8	
52 1,1,1-Trichloroethane	97	9.055	9.055	0.000	98	755855	25.0	26.5	
54 Cyclohexane	56	9.128	9.128	0.000	94	941961	25.0	28.0	
53 Isobutyl alcohol	43	9.201	9.201	0.000	95	990546	625.0	664.7	
56 1,1-Dichloropropene	75	9.231	9.231	0.000	95	607555	25.0	27.1	
55 Carbon tetrachloride	117	9.261	9.261	0.000	97	668863	25.0	27.3	
57 Benzene	78	9.511	9.511	0.000	98	1702249	25.0	25.8	
60 1,2-Dichloroethane	62	9.535	9.535	0.000	96	767769	25.0	24.4	
59 n-Heptane	43	9.633	9.633	0.000	96	609178	25.0	27.7	
62 Trichloroethene	95	10.265	10.265	0.000	96	482970	25.0	26.3	
64 Methylcyclohexane	83	10.503	10.503	0.000	96	712401	25.0	28.1	
63 1,2-Dichloropropane	63	10.576	10.576	0.000	91	451967	25.0	25.8	
68 1,4-Dioxane	88	10.691	10.691	0.000	97	144280	500.0	502.7	
69 Dibromomethane	93	10.758	10.758	0.000	91	327145	25.0	25.4	
70 Dichlorobromomethane	83	10.904	10.904	0.000	98	576078	25.0	26.1	
71 2-Chloroethyl vinyl ether	63	11.166	11.166	0.000	93	343582	25.0	26.4	
73 cis-1,3-Dichloropropene	75	11.439	11.439	0.000	91	727814	25.0	26.4	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.549	0.000	99	3642808	125.0	127.5	
76 Toluene	92	11.884	11.884	0.000	98	1120514	25.0	26.0	
77 Ethyl methacrylate	69	12.115	12.115	0.000	92	637503	25.0	28.0	
78 trans-1,3-Dichloropropene	75	12.139	12.139	0.000	95	701802	25.0	26.4	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	92	351077	25.0	24.9	
80 Tetrachloroethene	166	12.626	12.626	0.000	90	429459	25.0	26.9	
83 2-Hexanone	43	12.638	12.638	0.000	99	2617813	125.0	129.7	
82 1,3-Dichloropropane	76	12.662	12.662	0.000	97	707041	25.0	25.0	
81 Chlorodibromomethane	129	13.009	13.009	0.000	91	448076	25.0	26.3	
85 Ethylene Dibromide	107	13.204	13.204	0.000	98	448966	25.0	25.9	
87 Chlorobenzene	112	13.800	13.800	0.000	95	1297432	25.0	25.5	
89 Ethylbenzene	91	13.861	13.861	0.000	99	2158540	25.0	26.8	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.879	0.000	93	461458	25.0	26.2	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	802480	25.0	27.0	
93 o-Xylene	106	14.554	14.554	0.000	98	793759	25.0	26.5	
94 Styrene	104	14.572	14.572	0.000	95	1283007	25.0	27.6	
92 Bromoform	173	14.925	14.925	0.000	92	285479	25.0	25.9	
95 Isopropylbenzene	105	14.998	14.998	0.000	97	2078222	25.0	27.5	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	96	641793	25.0	25.2	
98 trans-1,4-Dichloro-2-buten	53	15.473	15.473	0.000	78	217014	25.0	24.3	
101 1,2,3-Trichloropropane	110	15.515	15.515	0.000	64	188799	25.0	24.5	
100 Bromobenzene	156	15.515	15.515	0.000	92	534663	25.0	26.0	
99 N-Propylbenzene	91	15.528	15.528	0.000	99	2601392	25.0	27.7	
103 2-Chlorotoluene	126	15.716	15.716	0.000	95	493035	25.0	26.3	
102 1,3,5-Trimethylbenzene	105	15.722	15.722	0.000	95	1768530	25.0	27.4	
105 4-Chlorotoluene	126	15.844	15.844	0.000	98	518825	25.0	26.5	
106 tert-Butylbenzene	134	16.160	16.160	0.000	92	390869	25.0	27.0	
107 1,2,4-Trimethylbenzene	105	16.221	16.221	0.000	97	1899190	25.0	27.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	95	2231104	25.0	27.4	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	96	1967775	25.0	27.1	
110 1,3-Dichlorobenzene	146	16.671	16.671	0.000	97	1067992	25.0	25.8	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	94	1088668	25.0	25.7	
115 n-Butylbenzene	91	17.097	17.097	0.000	98	1851001	25.0	27.6	
116 1,2-Dichlorobenzene	146	17.267	17.267	0.000	96	1076959	25.0	25.5	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	76	162756	25.0	23.9	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	710714	25.0	25.2	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	92	210334	25.0	26.2	
121 Naphthalene	128	19.707	19.707	0.000	98	2411448	25.0	25.5	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	95	667520	25.0	25.5	

Reagents:

8260 CORP mix_00089	Amount Added: 12.50	Units: uL	
GAS CORP mix_00202	Amount Added: 12.50	Units: uL	
P 8260 IS_00195	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00207	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22184.D

Injection Date: 24-Jan-2017 21:26:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

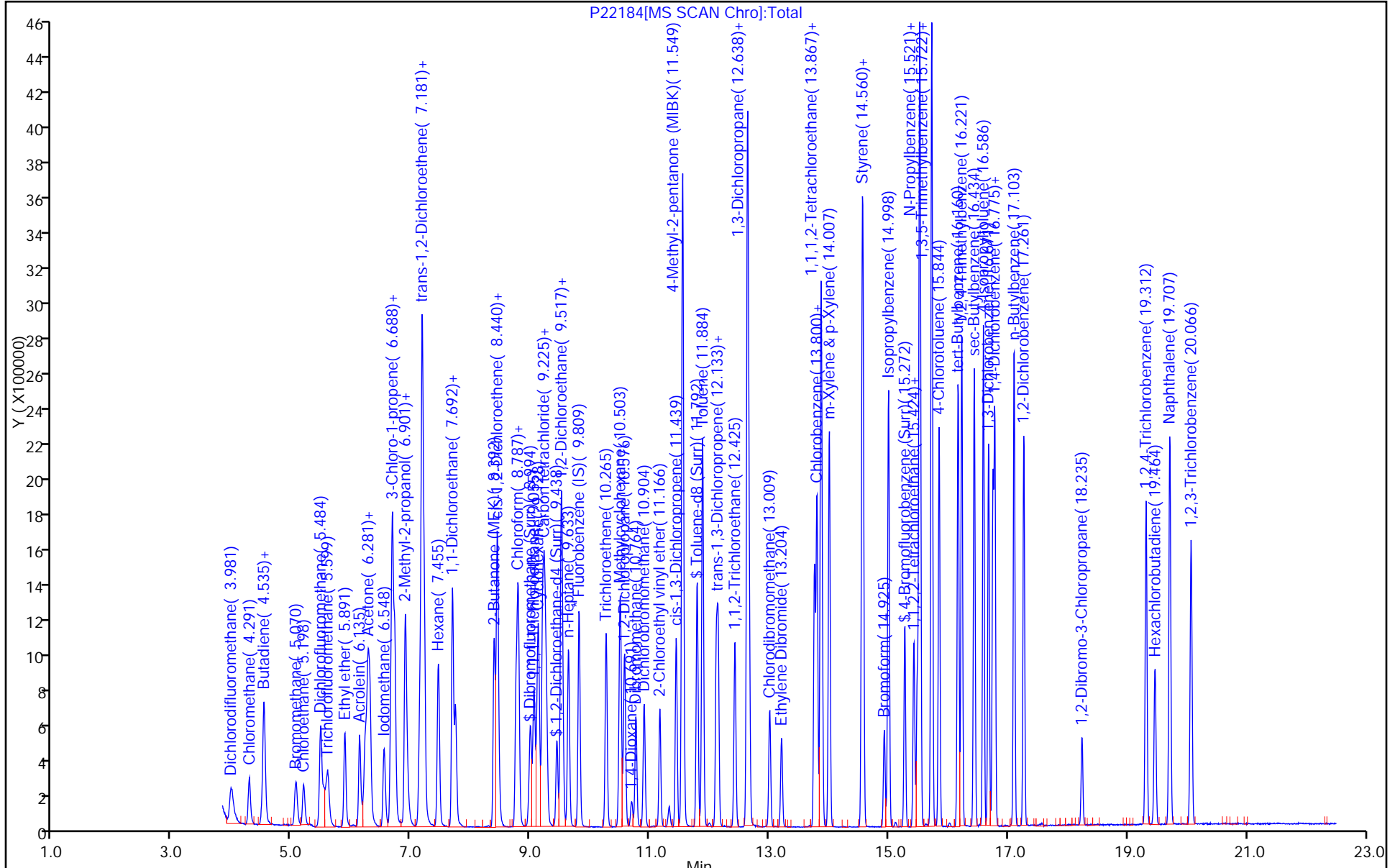
Dil. Factor: 1.0000

ALS Bottle#: 28

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-341308/2 Calibration Date: 01/25/2017 09:29
 Instrument ID: HP5973P Calib Start Date: 01/21/2017 01:16
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 01/21/2017 04:01
 Lab File ID: P22210.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.756	1.829	0.1000	26.0	25.0	4.2	50.0
Chloromethane	Lin1		1.565	0.1000	27.1	25.0	8.5	20.0
Vinyl chloride	Ave	1.326	1.367	0.1000	25.8	25.0	3.1	20.0
Butadiene	Ave	1.308	1.347		25.8	25.0	3.0	20.0
Bromomethane	Ave	0.8278	0.9714	0.1000	29.3	25.0	17.3	50.0
Chloroethane	Ave	0.8838	1.071	0.1000	30.3	25.0	21.2	50.0
Dichlorofluoromethane	Ave	2.934	3.148		26.8	25.0	7.3	20.0
Trichlorofluoromethane	Ave	2.505	2.578	0.1000	25.7	25.0	2.9	20.0
Ethyl ether	Ave	1.563	1.671		26.7	25.0	6.9	20.0
Acrolein	Ave	0.4722	0.5357		142	125	13.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.494	1.508	0.1000	25.2	25.0	0.9	20.0
1,1-Dichloroethene	Ave	1.398	1.438	0.1000	25.7	25.0	2.9	20.0
Acetone	Ave	0.9171	0.8357	0.1000	114	125	-8.9	50.0
Iodomethane	Ave	2.648	2.803		26.5	25.0	5.9	20.0
Carbon disulfide	Ave	4.422	4.659	0.1000	26.3	25.0	5.4	20.0
Methyl acetate	Ave	2.029	2.111	0.1000	130	125	4.1	50.0
Allyl chloride	Ave	2.960	3.146		26.6	25.0	6.3	20.0
Methylene Chloride	Lin1		1.751	0.1000	26.6	25.0	6.4	20.0
2-Methyl-2-propanol	Ave	0.3560	0.3777		265	250	6.1	50.0
Methyl tert-butyl ether	Ave	5.361	5.811	0.1000	27.1	25.0	8.4	20.0
Acrylonitrile	Ave	0.9467	1.006		266	250	6.2	20.0
trans-1,2-Dichloroethene	Ave	1.560	1.616	0.1000	25.9	25.0	3.6	20.0
Hexane	Ave	1.868	2.040		27.3	25.0	9.2	20.0
Vinyl acetate	Ave	4.526	5.145		56.8	50.0	13.7	20.0
1,1-Dichloroethane	Ave	2.845	3.036	0.2000	26.7	25.0	6.7	20.0
2-Butanone (MEK)	Ave	1.379	1.403	0.1000	127	125	1.8	20.0
2,2-Dichloropropane	Ave	2.171	2.503		28.8	25.0	15.3	20.0
cis-1,2-Dichloroethene	Ave	1.786	1.892	0.1000	26.5	25.0	5.9	20.0
Chlorobromomethane	Ave	0.8647	0.9083		26.3	25.0	5.0	20.0
Tetrahydrofuran	Ave	0.8794	0.9008		51.2	50.0	2.4	20.0
Chloroform	Ave	2.872	2.941	0.2000	25.6	25.0	2.4	20.0
1,1,1-Trichloroethane	Ave	2.537	2.613	0.1000	25.7	25.0	3.0	20.0
Cyclohexane	Ave	2.994	3.173	0.1000	26.5	25.0	6.0	20.0
Isobutyl alcohol	Ave	0.1327	0.1621		764	625	22.2	50.0
1,1-Dichloropropene	Ave	2.000	2.080		26.0	25.0	4.0	20.0
Carbon tetrachloride	Ave	2.185	2.219	0.1000	25.4	25.0	1.6	20.0
Benzene	Ave	5.874	6.259	0.5000	26.6	25.0	6.6	20.0
1,2-Dichloroethane	Ave	2.806	2.917	0.1000	26.0	25.0	4.0	20.0
n-Heptane	Ave	1.959	2.103		26.8	25.0	7.3	20.0
Trichloroethene	Ave	1.634	1.669	0.2000	25.5	25.0	2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-341308/2 Calibration Date: 01/25/2017 09:29
 Instrument ID: HP5973P Calib Start Date: 01/21/2017 01:16
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 01/21/2017 04:01
 Lab File ID: P22210.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	2.259	2.376	0.1000	26.3	25.0	5.1	20.0
1,2-Dichloropropane	Ave	1.560	1.703	0.1000	27.3	25.0	9.2	20.0
1,4-Dioxane	Ave	0.0125	0.0138		550	500	10.0	50.0
Dibromomethane	Ave	1.149	1.238	0.1000	27.0	25.0	7.8	20.0
Bromodichloromethane	Ave	1.967	2.153	0.2000	27.4	25.0	9.5	20.0
2-Chloroethyl vinyl ether	Ave	1.157	1.386		29.9	25.0	19.8	20.0
cis-1,3-Dichloropropene	Ave	2.451	2.844	0.2000	29.0	25.0	16.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	1.249	1.383	0.1000	138	125	10.8	20.0
Toluene	Ave	1.882	1.982	0.4000	26.3	25.0	5.3	20.0
Ethyl methacrylate	Ave	0.996	1.199		30.1	25.0	20.4*	20.0
trans-1,3-Dichloropropene	Ave	1.161	1.290	0.1000	27.8	25.0	11.1	20.0
1,1,2-Trichloroethane	Ave	0.6157	0.6500	0.1000	26.4	25.0	5.6	20.0
Tetrachloroethene	Ave	0.6984	0.7183	0.2000	25.7	25.0	2.8	20.0
2-Hexanone	Ave	0.8821	0.9913	0.1000	140	125	12.4	20.0
1,3-Dichloropropane	Ave	1.237	1.318		26.6	25.0	6.6	20.0
Dibromochloromethane	Ave	0.7434	0.8531	0.1000	28.7	25.0	14.8	20.0
1,2-Dibromoethane	Ave	0.7572	0.8436		27.9	25.0	11.4	20.0
Chlorobenzene	Ave	2.222	2.299	0.5000	25.9	25.0	3.5	20.0
Ethylbenzene	Ave	3.519	3.731	0.1000	26.5	25.0	6.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.7691	0.8324		27.1	25.0	8.2	20.0
m,p-Xylene	Ave	1.300	1.411	0.1000	27.1	25.0	8.5	20.0
o-Xylene	Ave	1.309	1.410	0.3000	26.9	25.0	7.7	20.0
Styrene	Ave	2.032	2.376	0.3000	29.2	25.0	16.9	20.0
Bromoform	Ave	0.4822	0.5428	0.1000	28.1	25.0	12.6	50.0
Isopropylbenzene	Ave	3.353	3.576	0.1000	26.7	25.0	6.7	20.0
1,1,2,2-Tetrachloroethane	Ave	1.128	1.215	0.3000	26.9	25.0	7.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3959	0.4394		27.7	25.0	11.0	50.0
1,2,3-Trichloropropane	Ave	0.3410	0.3626		26.6	25.0	6.4	20.0
Bromobenzene	Ave	0.9110	0.9758		26.8	25.0	7.1	20.0
N-Propylbenzene	Ave	4.166	4.498		27.0	25.0	8.0	20.0
2-Chlorotoluene	Ave	0.8307	0.8896		26.8	25.0	7.1	20.0
1,3,5-Trimethylbenzene	Ave	2.861	3.081		26.9	25.0	7.7	20.0
4-Chlorotoluene	Ave	0.8677	0.9189		26.5	25.0	5.9	20.0
tert-Butylbenzene	Ave	0.6407	0.6638		25.9	25.0	3.6	20.0
1,2,4-Trimethylbenzene	Ave	3.082	3.329		27.0	25.0	8.0	20.0
sec-Butylbenzene	Ave	3.608	3.784		26.2	25.0	4.9	20.0
4-Isopropyltoluene	Ave	3.220	3.421		26.6	25.0	6.2	20.0
1,3-Dichlorobenzene	Ave	1.834	1.953	0.6000	26.6	25.0	6.5	20.0
1,4-Dichlorobenzene	Ave	1.874	1.968	0.5000	26.3	25.0	5.0	20.0
n-Butylbenzene	Ave	2.972	3.138		26.4	25.0	5.6	20.0
1,2-Dichlorobenzene	Ave	1.871	1.956	0.4000	26.1	25.0	4.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-341308/2 Calibration Date: 01/25/2017 09:29
 Instrument ID: HP5973P Calib Start Date: 01/21/2017 01:16
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 01/21/2017 04:01
 Lab File ID: P22210.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.3016	0.3063	0.0500	25.4	25.0	1.6	50.0
1,2,4-Trichlorobenzene	Ave	1.251	1.295	0.2000	25.9	25.0	3.5	20.0
Hexachlorobutadiene	Ave	0.3558	0.3718		26.1	25.0	4.5	20.0
Naphthalene	Ave	4.197	4.408		26.3	25.0	5.0	20.0
1,2,3-Trichlorobenzene	Ave	1.158	1.210		26.1	25.0	4.5	20.0
Dibromofluoromethane (Surr)	Ave	1.210	1.218		25.2	25.0	0.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8285	0.8069		24.3	25.0	-2.6	20.0
Toluene-d8 (Surr)	Ave	2.076	2.083		25.1	25.0	0.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6026	0.6062		25.1	25.0	0.6	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22210.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 25-Jan-2017 09:29:30 ALS Bottle#: 2 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ccvis
 Misc. Info.: 480-0059990-002
 Operator ID: RF Instrument ID: HP5973P
 Sublist: chrom-P-8260H2O*sub11
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 16:44:55 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK006

First Level Reviewer: reiler

Date: 25-Jan-2017 16:44:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	98	287838	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	86	599177	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.744	16.744	0.000	97	594139	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.000	9.000	0.000	91	350495	25.0	25.2	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.444	0.000	0	232268	25.0	24.3	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.792	0.000	94	1248294	25.0	25.1	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	84	363191	25.0	25.1	
10 Dichlorodifluoromethane	85	3.999	3.999	0.000	99	526413	25.0	26.0	M
11 Chloromethane	50	4.291	4.291	0.000	99	450552	25.0	27.1	
17 Vinyl chloride	62	4.516	4.516	0.000	98	393576	25.0	25.8	M
144 Butadiene	54	4.547	4.547	0.000	97	387642	25.0	25.8	
12 Bromomethane	94	5.070	5.070	0.000	93	279592	25.0	29.3	
13 Chloroethane	64	5.210	5.210	0.000	98	308408	25.0	30.3	
19 Dichlorofluoromethane	67	5.490	5.490	0.000	97	906041	25.0	26.8	
14 Trichlorofluoromethane	101	5.605	5.605	0.000	98	742085	25.0	25.7	
20 Ethyl ether	59	5.891	5.891	0.000	96	480833	25.0	26.7	
22 Acrolein	56	6.141	6.141	0.000	99	770925	125.0	141.8	
16 1,1,2-Trichloro-1,2,2-trif	101	6.238	6.238	0.000	94	434069	25.0	25.2	
25 1,1-Dichloroethene	96	6.281	6.281	0.000	95	413973	25.0	25.7	
24 Acetone	43	6.311	6.311	0.000	98	1202683	125.0	113.9	
18 Iodomethane	142	6.548	6.548	0.000	99	806732	25.0	26.5	
27 Carbon disulfide	76	6.664	6.664	0.000	100	1340976	25.0	26.3	
30 Methyl acetate	43	6.688	6.688	0.000	99	3038764	125.0	130.1	
28 3-Chloro-1-propene	41	6.731	6.731	0.000	86	905473	25.0	26.6	
31 Methylene Chloride	84	6.901	6.901	0.000	96	503873	25.0	26.6	
33 2-Methyl-2-propanol	59	6.925	6.925	0.000	98	1087201	250.0	265.2	
32 Methyl tert-butyl ether	73	7.163	7.163	0.000	98	1672537	25.0	27.1	
34 Acrylonitrile	53	7.193	7.193	0.000	99	2894865	250.0	265.6	
35 trans-1,2-Dichloroethene	96	7.224	7.224	0.000	95	465150	25.0	25.9	
36 Hexane	57	7.461	7.461	0.000	95	587224	25.0	27.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	7.692	7.692	0.000	97	2962102	50.0	56.8	
40 1,1-Dichloroethane	63	7.747	7.747	0.000	97	873934	25.0	26.7	
44 2-Butanone (MEK)	43	8.392	8.392	0.000	99	2019472	125.0	127.2	
43 cis-1,2-Dichloroethene	96	8.446	8.446	0.000	86	544678	25.0	26.5	
45 2,2-Dichloropropane	77	8.446	8.446	0.000	71	720495	25.0	28.8	
50 Chlorobromomethane	128	8.763	8.763	0.000	94	261456	25.0	26.3	
51 Tetrahydrofuran	42	8.787	8.787	0.000	90	518571	50.0	51.2	
49 Chloroform	83	8.799	8.799	0.000	95	846617	25.0	25.6	
52 1,1,1-Trichloroethane	97	9.061	9.061	0.000	98	752143	25.0	25.7	
54 Cyclohexane	56	9.128	9.128	0.000	93	913412	25.0	26.5	
53 Isobutyl alcohol	43	9.201	9.201	0.000	95	1166703	625.0	763.7	
56 1,1-Dichloropropene	75	9.231	9.231	0.000	94	598584	25.0	26.0	
55 Carbon tetrachloride	117	9.268	9.268	0.000	97	638610	25.0	25.4	
57 Benzene	78	9.517	9.517	0.000	98	1801655	25.0	26.6	
60 1,2-Dichloroethane	62	9.535	9.535	0.000	97	839692	25.0	26.0	
59 n-Heptane	43	9.639	9.639	0.000	96	605284	25.0	26.8	
62 Trichloroethene	95	10.265	10.265	0.000	94	480285	25.0	25.5	
64 Methylcyclohexane	83	10.503	10.503	0.000	97	683817	25.0	26.3	
63 1,2-Dichloropropane	63	10.576	10.576	0.000	91	490097	25.0	27.3	
68 1,4-Dioxane	88	10.697	10.697	0.000	99	165417	500.0	550.2	M
69 Dibromomethane	93	10.764	10.764	0.000	90	356435	25.0	27.0	
70 Dichlorobromomethane	83	10.904	10.904	0.000	98	619839	25.0	27.4	
71 2-Chloroethyl vinyl ether	63	11.166	11.166	0.000	93	398826	25.0	29.9	
73 cis-1,3-Dichloropropene	75	11.439	11.439	0.000	91	818602	25.0	29.0	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.549	0.000	99	4144138	125.0	138.4	
76 Toluene	92	11.884	11.884	0.000	98	1187462	25.0	26.3	
77 Ethyl methacrylate	69	12.115	12.115	0.000	94	718256	25.0	30.1	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	98	773054	25.0	27.8	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	92	389457	25.0	26.4	
80 Tetrachloroethene	166	12.632	12.632	0.000	92	430401	25.0	25.7	
83 2-Hexanone	43	12.638	12.638	0.000	99	2969751	125.0	140.5	
82 1,3-Dichloropropane	76	12.662	12.662	0.000	96	789654	25.0	26.6	
81 Chlorodibromomethane	129	13.009	13.009	0.000	90	511154	25.0	28.7	
85 Ethylene Dibromide	107	13.204	13.204	0.000	98	505437	25.0	27.9	
87 Chlorobenzene	112	13.800	13.800	0.000	94	1377322	25.0	25.9	
89 Ethylbenzene	91	13.867	13.867	0.000	99	2235375	25.0	26.5	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.879	0.000	94	498740	25.0	27.1	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	845137	25.0	27.1	
93 o-Xylene	106	14.554	14.554	0.000	97	844728	25.0	26.9	
94 Styrene	104	14.572	14.572	0.000	93	1423658	25.0	29.2	
92 Bromoform	173	14.925	14.925	0.000	93	325229	25.0	28.1	
95 Isopropylbenzene	105	14.998	14.998	0.000	97	2124409	25.0	26.7	
97 1,1,2,2-Tetrachloroethane	83	15.418	15.418	0.000	96	721656	25.0	26.9	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	82	261066	25.0	27.7	
100 Bromobenzene	156	15.515	15.515	0.000	92	579749	25.0	26.8	
101 1,2,3-Trichloropropane	110	15.515	15.515	0.000	62	215461	25.0	26.6	
99 N-Propylbenzene	91	15.528	15.528	0.000	99	2672496	25.0	27.0	
103 2-Chlorotoluene	126	15.716	15.716	0.000	95	528560	25.0	26.8	
102 1,3,5-Trimethylbenzene	105	15.722	15.722	0.000	96	1830571	25.0	26.9	
105 4-Chlorotoluene	126	15.844	15.844	0.000	99	545979	25.0	26.5	
106 tert-Butylbenzene	134	16.166	16.166	0.000	92	394397	25.0	25.9	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	97	1977789	25.0	27.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	16.434	16.434	0.000	95	2248323	25.0	26.2	
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	2032372	25.0	26.6	
110 1,3-Dichlorobenzene	146	16.671	16.671	0.000	97	1160599	25.0	26.6	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	93	1169370	25.0	26.3	
115 n-Butylbenzene	91	17.103	17.103	0.000	98	1864118	25.0	26.4	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	96	1162090	25.0	26.1	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	84	182007	25.0	25.4	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	769231	25.0	25.9	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	93	220880	25.0	26.1	
121 Naphthalene	128	19.707	19.707	0.000	98	2619124	25.0	26.3	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	95	719080	25.0	26.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00089	Amount Added: 12.50	Units: uL	
GAS CORP mix_00202	Amount Added: 12.50	Units: uL	
P 8260 IS_00195	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00207	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22210.D

Injection Date: 25-Jan-2017 09:29:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

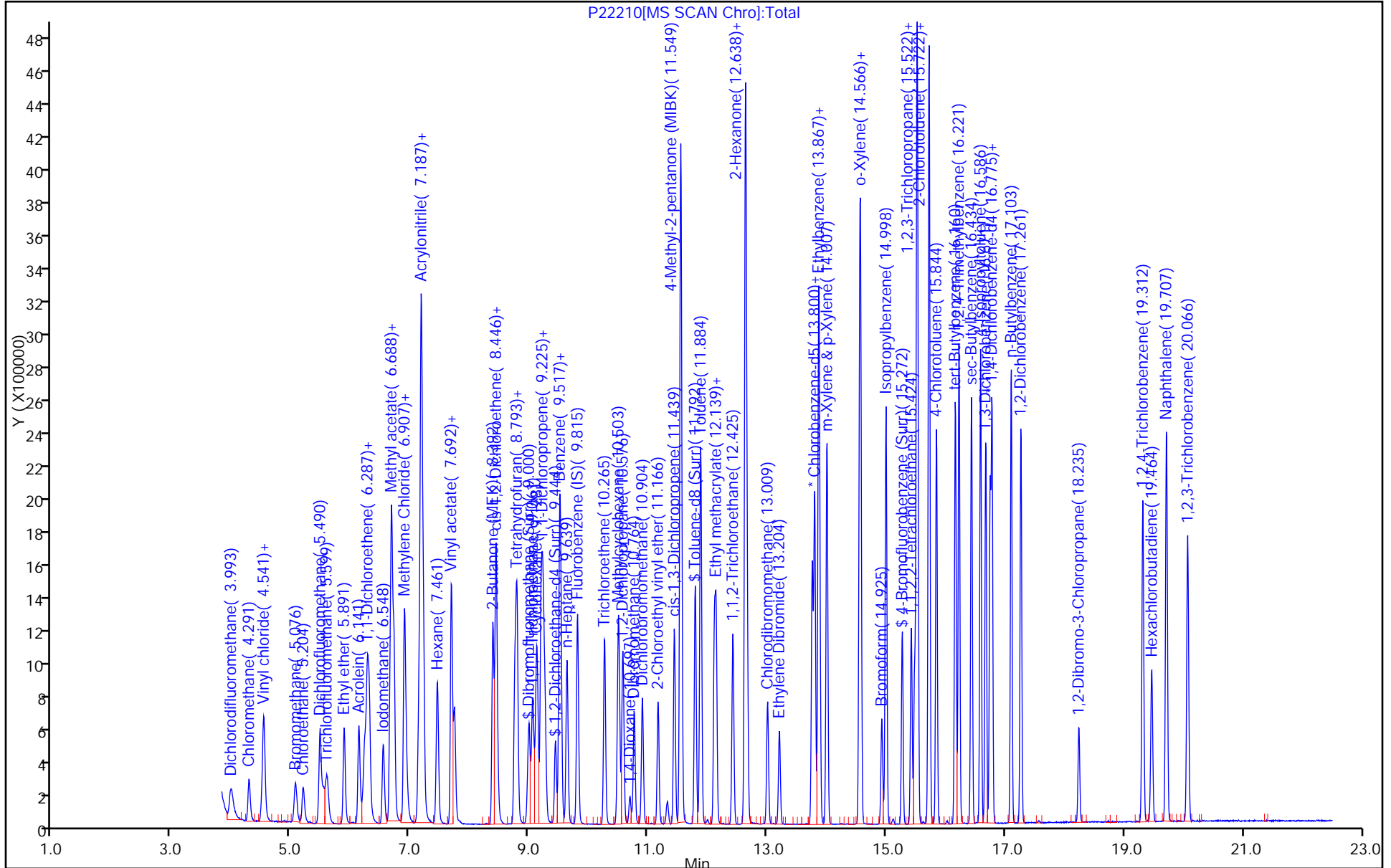
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

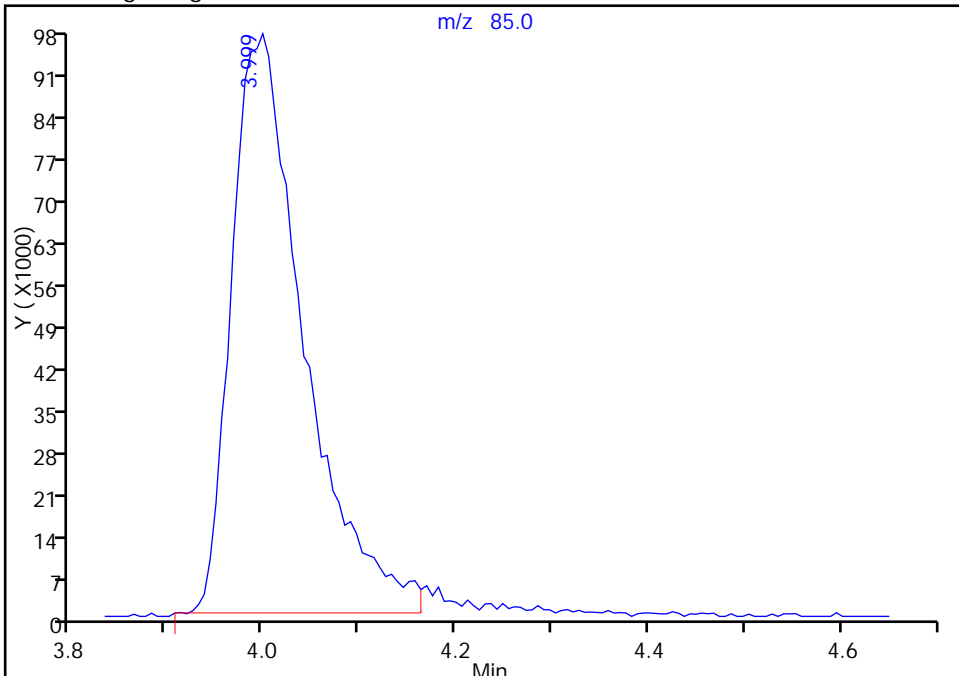
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22210.D
Injection Date: 25-Jan-2017 09:29:30 Instrument ID: HP5973P
Lims ID: CCVIS
Client ID:
Operator ID: RF ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

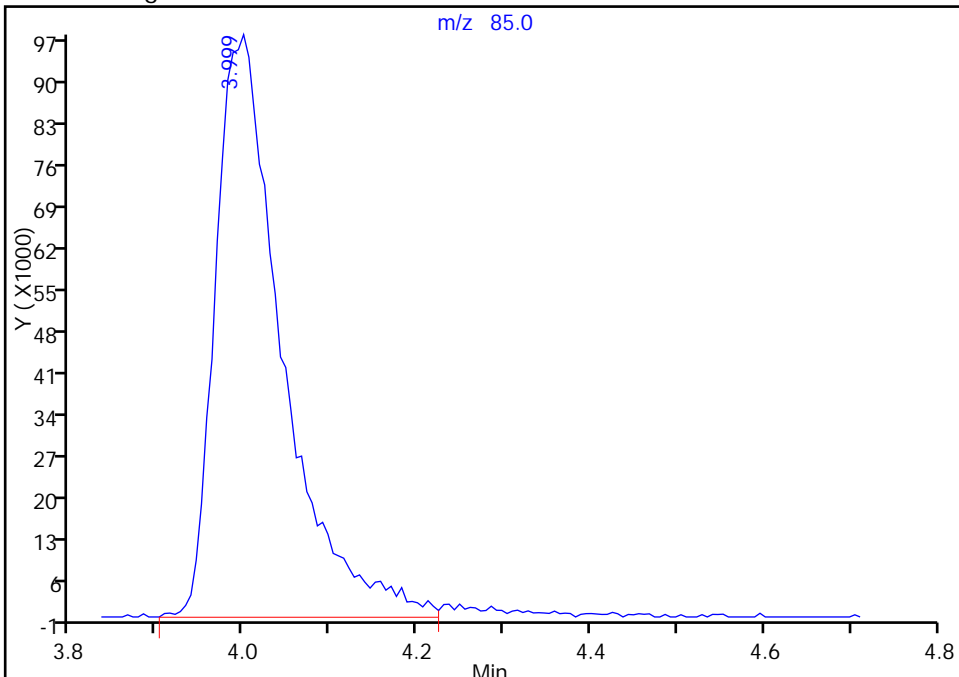
RT: 4.00
Area: 506064
Amount: 25.037728
Amount Units: ug/L

Processing Integration Results



RT: 4.00
Area: 526413
Amount: 26.044504
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 25-Jan-2017 16:42:16
Audit Action: Manually Integrated

Audit Reason: Peak Tail

TestAmerica Buffalo

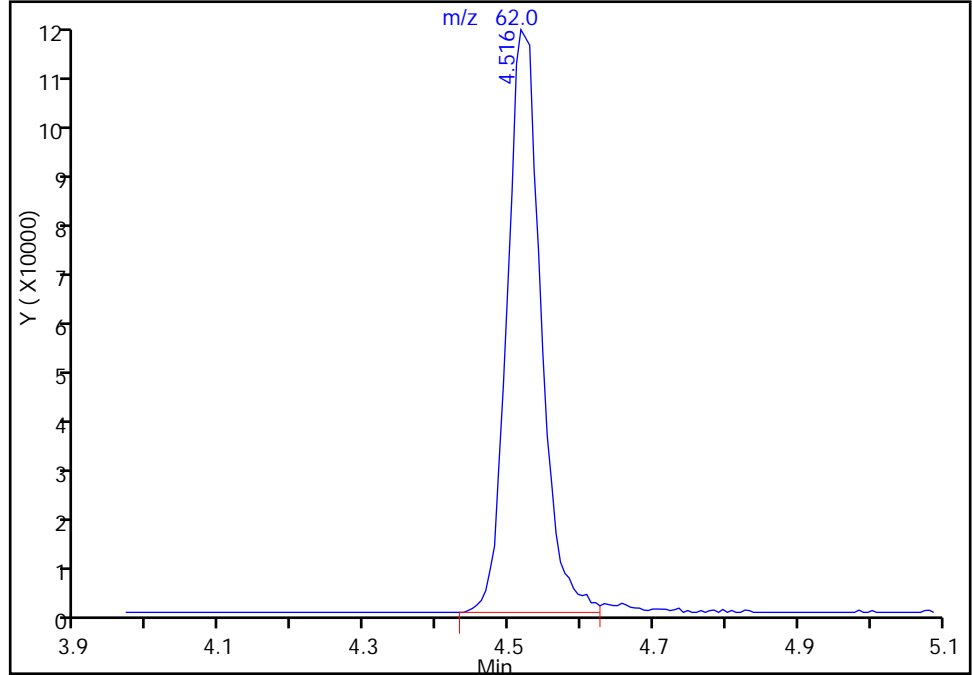
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22210.D
Injection Date: 25-Jan-2017 09:29:30 Instrument ID: HP5973P
Lims ID: CCVIS
Client ID:
Operator ID: RF ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

17 Vinyl chloride, CAS: 75-01-4

Signal: 1

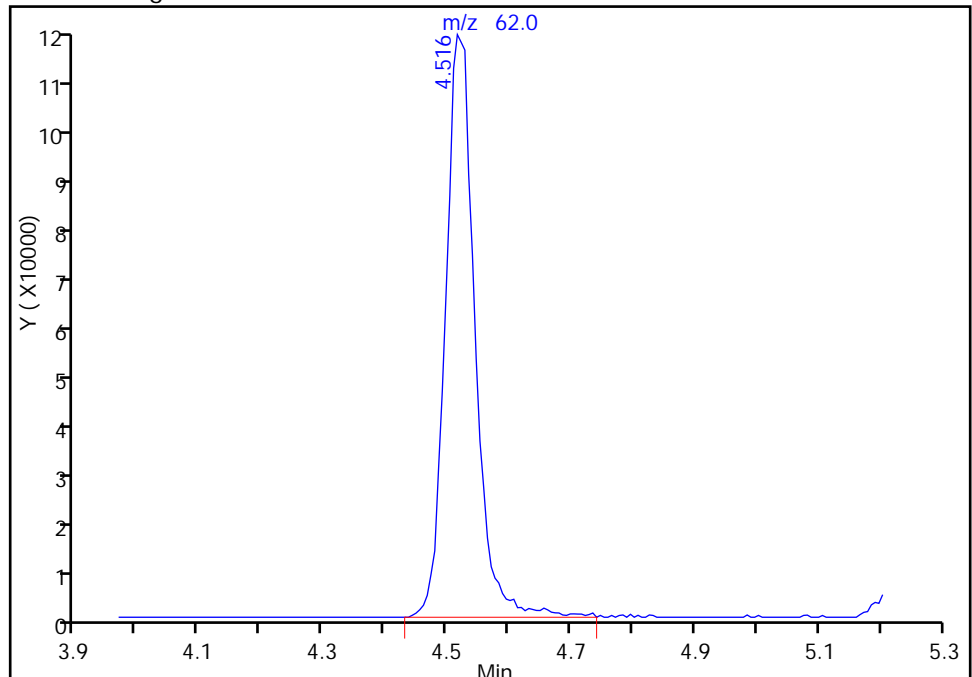
RT: 4.52
Area: 387201
Amount: 25.361874
Amount Units: ug/L

Processing Integration Results



RT: 4.52
Area: 393576
Amount: 25.779440
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 25-Jan-2017 16:43:01
Audit Action: Manually Integrated

Audit Reason: Peak Tail

TestAmerica Buffalo

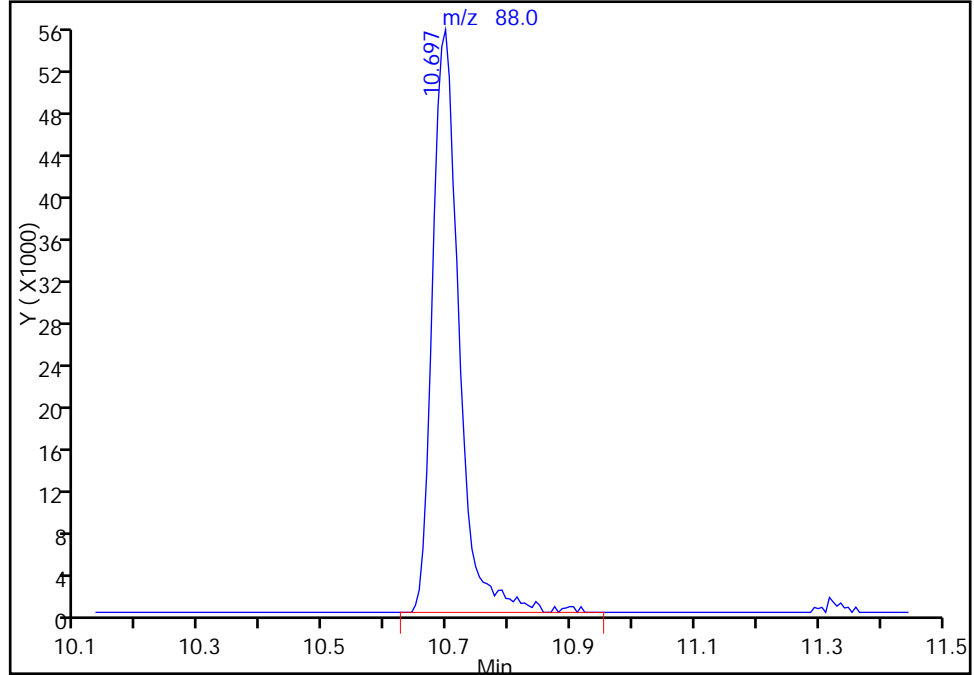
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22210.D
Injection Date: 25-Jan-2017 09:29:30 Instrument ID: HP5973P
Lims ID: CCVIS
Client ID:
Operator ID: RF ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

68 1,4-Dioxane, CAS: 123-91-1

Signal: 1

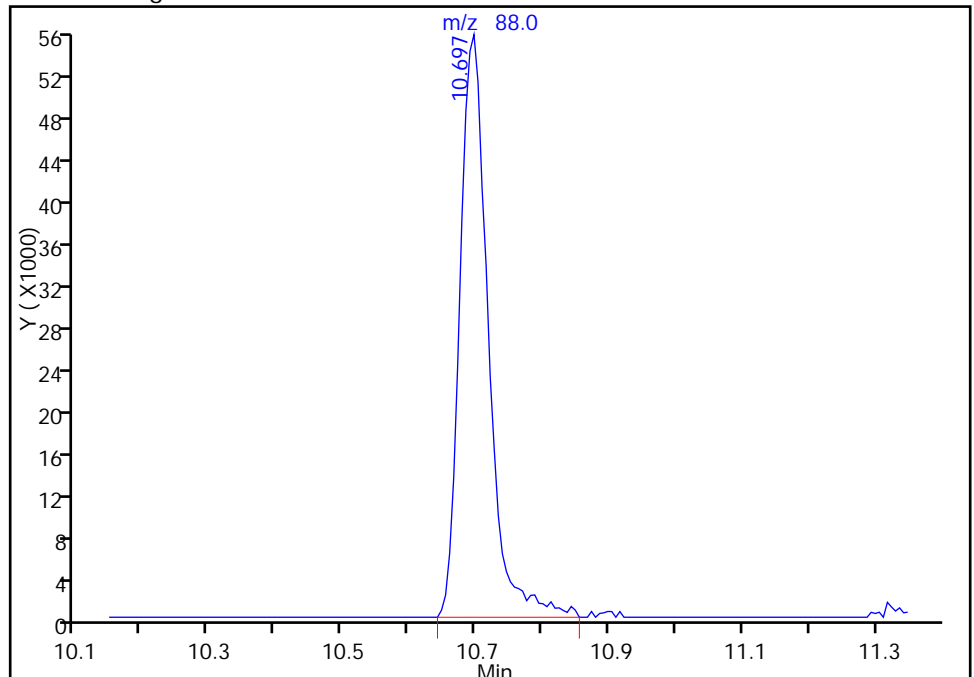
RT: 10.70
Area: 166498
Amount: 553.7617
Amount Units: ug/L

Processing Integration Results



RT: 10.70
Area: 165417
Amount: 550.1664
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 25-Jan-2017 16:44:03
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0845.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 26-Nov-2016 17:58:30 ALS Bottle#: 30 Worklist Smp#: 3
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: bfb
 Misc. Info.: 480-0058663-003
 Operator ID: GTG Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 08-Dec-2016 13:45:39 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK055

First Level Reviewer: goliszekg Date: 26-Nov-2016 18:10:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
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\$ 4 BFB	95	4.430	4.430	0.000	95	515580	NR	NR	7
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

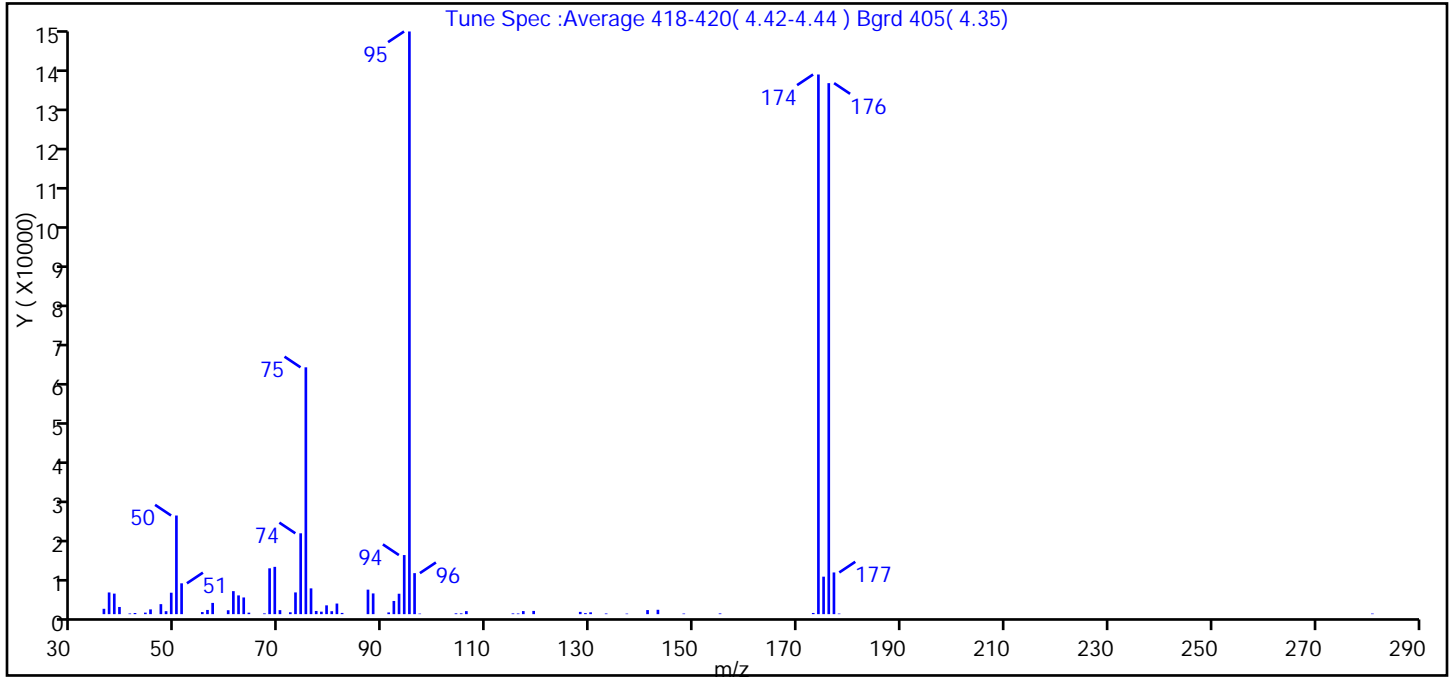
Reagents:

BFB_WRK_00057 Amount Added: 1.00 Units: uL

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0845.D
 Injection Date: 26-Nov-2016 17:58:30 Instrument ID: HP5973N
 Lims ID: BFB
 Client ID:
 Operator ID: GTG ALS Bottle#: 30 Worklist Smp#: 3
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Method: N-8260 Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.9
75	30 to 60% of m/z 95	42.4
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.2 (0.2)
174	50 to 120% of m/z 95	92.6
175	5 to 9% of m/z 174	6.4 (6.9)
176	Greater than 95% but less than 101% of m/z 174	91.1 (98.4)
177	5 to 9% of m/z 176	7.2 (7.9)

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0845.D\N-8260.rslt\spectra.d
Injection Date: 26-Nov-2016 17:58:30
Spectrum: Tune Spec :Average 418-420(4.42-4.44) Bgrd 405(4.35)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1345	61.00	5783	81.00	2665	119.00	814
37.00	5451	62.00	4713	82.00	309	128.00	569
38.00	5162	63.00	4194	87.00	6160	129.00	263
39.00	1803	64.00	374	88.00	5210	130.00	457
41.00	168	67.00	190	91.00	429	133.00	169
42.00	288	68.00	11525	92.00	3313	137.00	135
44.00	379	69.00	11890	93.00	5133	141.00	1022
45.00	1194	70.00	1006	94.00	14855	143.00	1096
47.00	2516	72.00	470	95.00	146496	148.00	151
48.00	747	73.00	5462	96.00	10310	155.00	186
49.00	5388	74.00	20328	97.00	137	173.00	296
50.00	24800	75.00	62056	104.00	208	174.00	135680
51.00	7751	76.00	6483	105.00	197	175.00	9422
55.00	525	77.00	796	106.00	759	176.00	133504
56.00	1054	78.00	623	115.00	185	177.00	10483
57.00	2825	79.00	2213	116.00	171	178.00	142
60.00	981	80.00	740	117.00	771	281.00	146

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2577.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 18-Jan-2017 08:26:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 480-0059834-001
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 08:38:17 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: archern Date: 18-Jan-2017 08:38:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
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\$ 4 BFB	95	4.394	4.394	0.000	90	165566	NR	NR	7
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

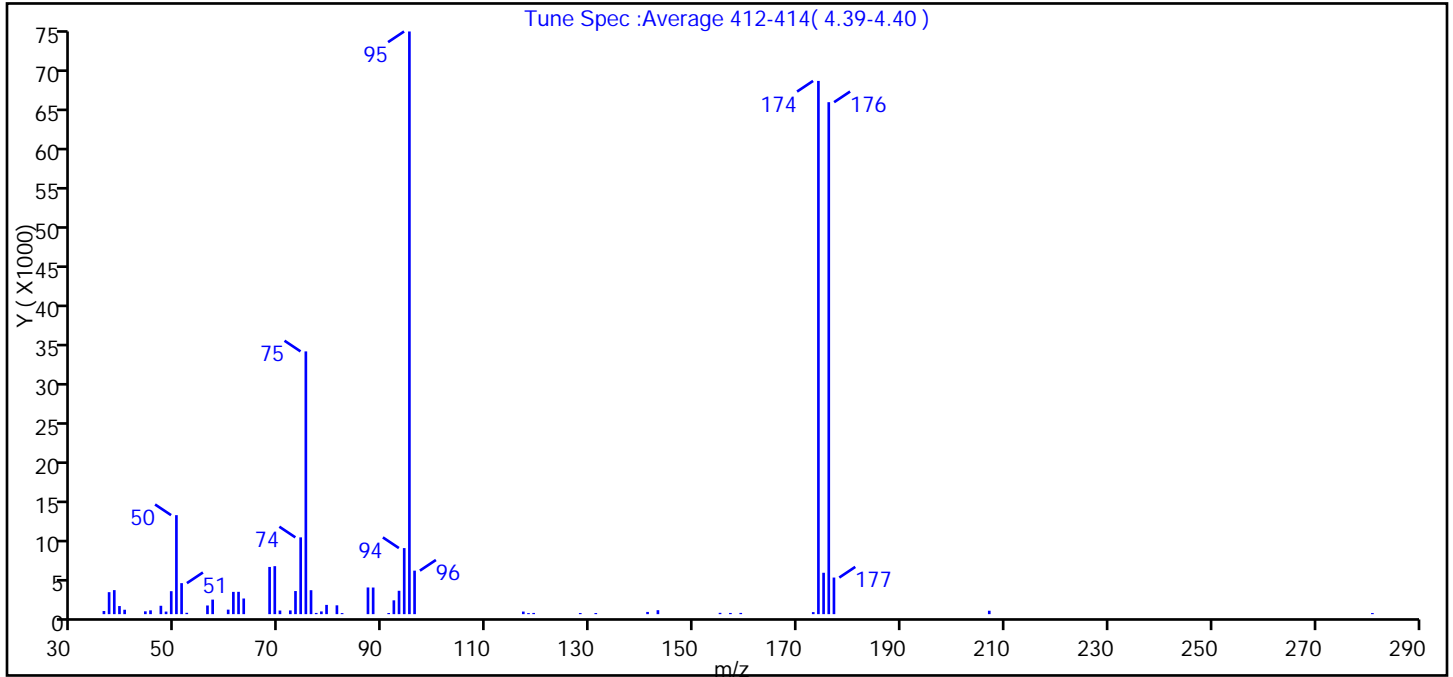
Reagents:

BFB_WRK_00059 Amount Added: 1.00 Units: uL

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2577.D
 Injection Date: 18-Jan-2017 08:26:30 Instrument ID: HP5973N
 Lims ID: BFB
 Client ID:
 Operator ID: nea ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Method: N-8260 Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.0
75	30 to 60% of m/z 95	45.1
96	5 to 9% of m/z 95	7.5
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	91.5
175	5 to 9% of m/z 174	7.1 (7.8)
176	Greater than 95% but less than 101% of m/z 174	87.9 (96.0)
177	5 to 9% of m/z 176	6.3 (7.1)

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2577.D\N-8260.rslt\spectra.d
 Injection Date: 18-Jan-2017 08:26:30
 Spectrum: Tune Spec :Average 412-414(4.39-4.40)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 57

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	399	60.00	575	81.00	1125	141.00	283
37.00	2802	61.00	2839	82.00	136	143.00	504
38.00	3063	62.00	2846	87.00	3403	155.00	167
39.00	1033	63.00	1994	88.00	3394	157.00	151
40.00	560	68.00	6020	91.00	143	159.00	158
44.00	359	69.00	6119	92.00	1762	173.00	258
45.00	484	70.00	462	93.00	2980	174.00	67992
47.00	1067	72.00	476	94.00	8424	175.00	5277
48.00	329	73.00	2944	95.00	74296	176.00	65280
49.00	2927	74.00	9791	96.00	5547	177.00	4666
50.00	12624	75.00	33504	117.00	329	207.00	435
51.00	3953	76.00	3053	118.00	133	281.00	139
52.00	172	77.00	155	119.00	155		
56.00	1105	78.00	346	128.00	144		
57.00	1855	79.00	1179	131.00	142		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2619.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 19-Jan-2017 09:01:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 480-0059868-001
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-Jan-2017 09:16:00 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: archern Date: 19-Jan-2017 09:16:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
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\$ 4 BFB	95	4.400	4.400	0.000	92	150309	NR	NR	7
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

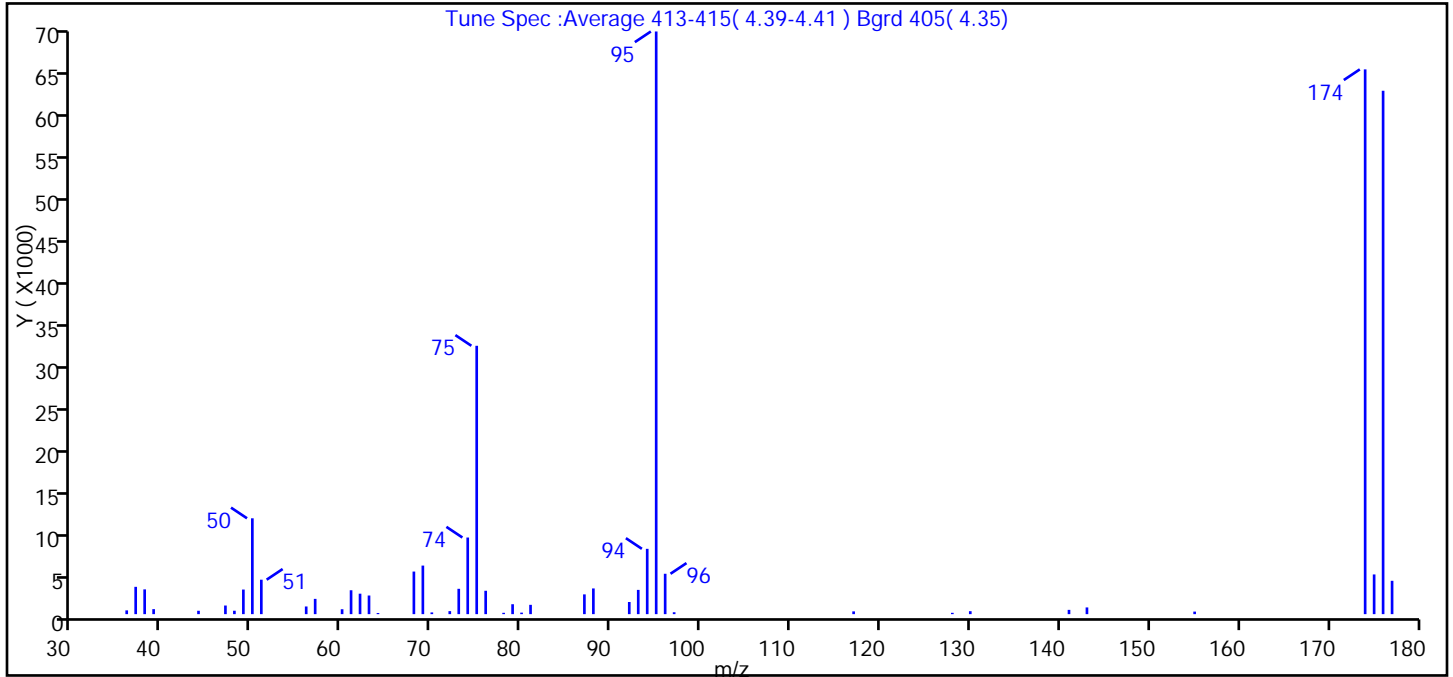
Reagents:

BFB_WRK_00059 Amount Added: 1.00 Units: uL

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2619.D
 Injection Date: 19-Jan-2017 09:01:30 Instrument ID: HP5973N
 Lims ID: BFB
 Client ID:
 Operator ID: nea ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Method: N-8260 Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.4
75	30 to 60% of m/z 95	46.1
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	93.5
175	5 to 9% of m/z 174	6.8 (7.3)
176	Greater than 95% but less than 101% of m/z 174	89.8 (96.1)
177	5 to 9% of m/z 176	5.7 (6.4)

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2619.D\N-8260.rslt\spectra.d
Injection Date: 19-Jan-2017 09:01:30
Spectrum: Tune Spec :Average 413-415(4.39-4.41) Bgrd 405(4.35)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 47

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	452	60.00	591	76.00	2807	97.00	227
37.00	3280	61.00	2870	78.00	161	117.00	332
38.00	2975	62.00	2457	79.00	1192	128.00	160
39.00	602	63.00	2238	80.00	183	130.00	355
44.00	405	64.00	136	81.00	1119	141.00	514
47.00	1035	68.00	5115	87.00	2374	143.00	806
48.00	410	69.00	5832	88.00	3087	155.00	305
49.00	2955	70.00	207	92.00	1458	174.00	65432
50.00	11512	72.00	363	93.00	2913	175.00	4769
51.00	4137	73.00	3043	94.00	7845	176.00	62864
56.00	921	74.00	9203	95.00	69984	177.00	4004
57.00	1834	75.00	32232	96.00	4850		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21657.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 28-Dec-2016 11:34:30 ALS Bottle#: 1 Worklist Smp#: 3
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 480-0059466-003
 Operator ID: RF Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 28-Dec-2016 11:45:54 Calib Date: 29-Nov-2016 21:02:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161129-58712.b\P20743.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK030

First Level Reviewer: farrellr Date: 28-Dec-2016 11:45:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
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\$ 21 BFB	95	7.146	7.146	0.000	0	89431	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

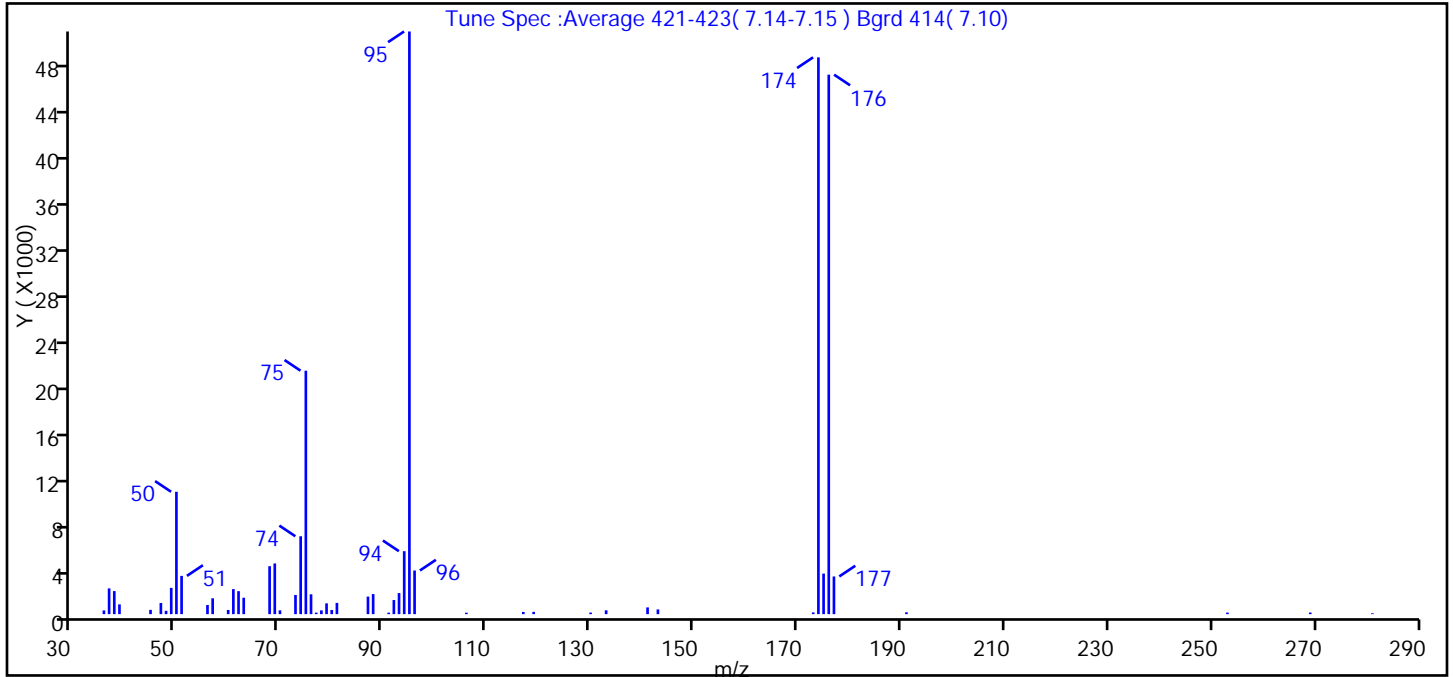
Reagents:

BFB_WRK_00058 Amount Added: 1.00 Units: uL

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21657.D
 Injection Date: 28-Dec-2016 11:34:30 Instrument ID: HP5973P
 Lims ID: BFB
 Client ID:
 Operator ID: RF ALS Bottle#: 1 Worklist Smp#: 3
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Method: P-8260H2O Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 21 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.0
75	30 to 60% of m/z 95	41.8
96	5 to 9% of m/z 95	7.5
173	Less than 2% of m/z 174	0.3 (0.3)
174	50 to 120% of m/z 95	95.6
175	5 to 9% of m/z 174	7.0 (7.3)
176	Greater than 95% but less than 101% of m/z 174	92.6 (96.9)
177	5 to 9% of m/z 176	6.5 (7.0)

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\21657.D\8260H2O.rslt\spectra.d
 Injection Date: 28-Dec-2016 11:34:30
 Spectrum: Tune Spec :Average 421-423(7.14-7.15) Bgrd 414(7.10)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	323	61.00	2175	80.00	360	130.00	137
37.00	2237	62.00	1997	81.00	977	133.00	332
38.00	2005	63.00	1426	87.00	1527	141.00	587
39.00	848	68.00	4166	88.00	1742	143.00	410
45.00	371	69.00	4405	91.00	130	173.00	150
47.00	967	70.00	331	92.00	1226	174.00	48376
48.00	290	73.00	1664	93.00	1833	175.00	3525
49.00	2281	74.00	6767	94.00	5471	176.00	46872
50.00	10633	75.00	21152	95.00	50624	177.00	3275
51.00	3324	76.00	1725	96.00	3792	191.00	162
56.00	794	77.00	132	106.00	125	253.00	135
57.00	1378	78.00	328	117.00	190	269.00	138
60.00	364	79.00	938	119.00	196	281.00	73

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22058.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 17-Jan-2017 18:35:30 ALS Bottle#: 32 Worklist Smp#: 2
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 480-0059829-002
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 17-Jan-2017 18:45:28 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK004

First Level Reviewer: reiler Date: 17-Jan-2017 18:45:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
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\$ 21 BFB	95	7.140	7.140	0.000	0	116546	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

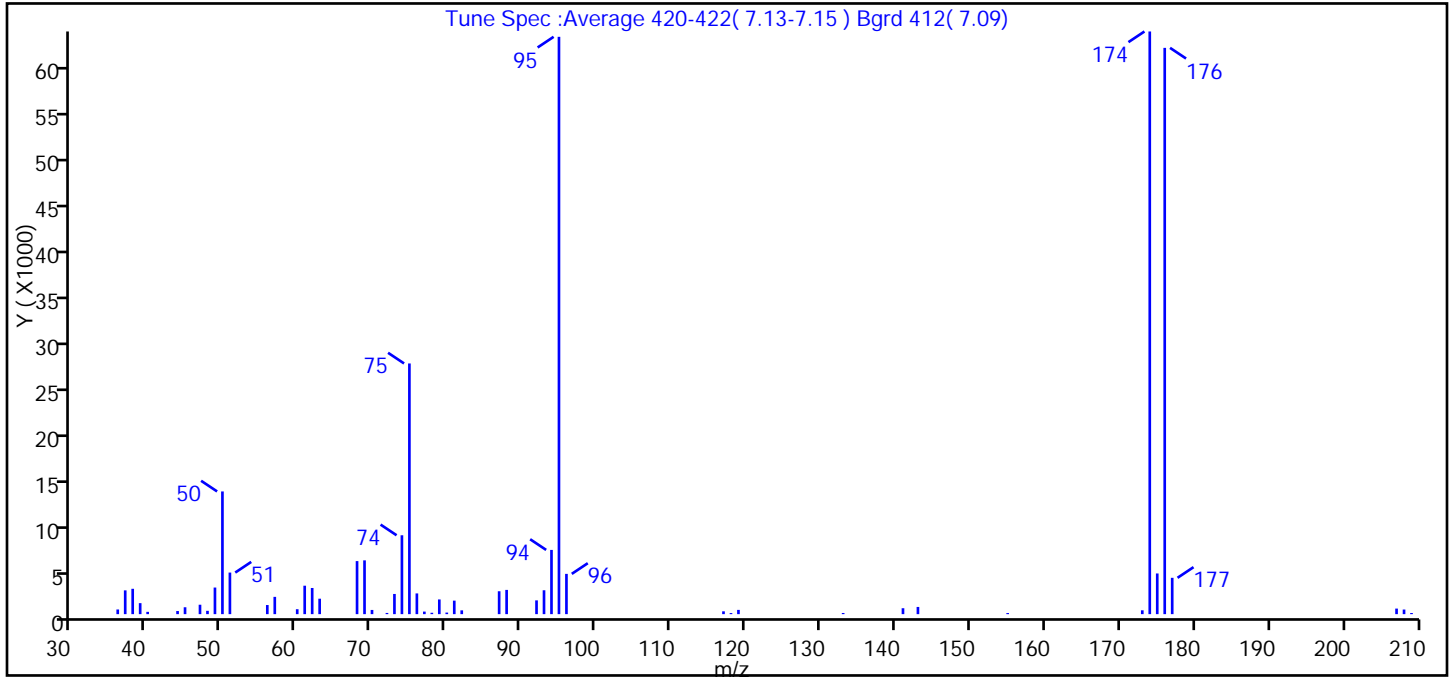
Reagents:

BFB_WRK_00059 Amount Added: 1.00 Units: uL

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22058.D
 Injection Date: 17-Jan-2017 18:35:30 Instrument ID: HP5973P
 Lims ID: BFB
 Client ID:
 Operator ID: RR ALS Bottle#: 32 Worklist Smp#: 2
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Method: P-8260H2O Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 21 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.3
75	30 to 60% of m/z 95	43.4
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.7 (0.7)
174	50 to 120% of m/z 95	100.9
175	5 to 9% of m/z 174	7.0 (7.0)
176	Greater than 95% but less than 101% of m/z 174	98.1 (97.2)
177	5 to 9% of m/z 176	6.3 (6.4)

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\22058.D\IP-8260H2O.rslt\spectra.d
Injection Date: 17-Jan-2017 18:35:30
Spectrum: Tune Spec :Average 420-422(7.13-7.15) Bgrd 412(7.09)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 54

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	510	60.00	539	79.00	1607	133.00	126
37.00	2599	61.00	3109	80.00	172	141.00	647
38.00	2771	62.00	2860	81.00	1477	143.00	787
39.00	1203	63.00	1688	82.00	416	155.00	121
40.00	251	68.00	5800	87.00	2503	173.00	420
44.00	340	69.00	5880	88.00	2650	174.00	63704
45.00	753	70.00	459	92.00	1505	175.00	4447
47.00	1030	72.00	131	93.00	2611	176.00	61912
48.00	362	73.00	2207	94.00	7022	177.00	3972
49.00	2908	74.00	8624	95.00	63120	207.00	607
50.00	13415	75.00	27408	96.00	4403	208.00	504
51.00	4546	76.00	2265	117.00	309	209.00	125
56.00	996	77.00	280	118.00	119		
57.00	1889	78.00	151	119.00	465		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22135.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 21-Jan-2017 00:15:30 ALS Bottle#: 10 Worklist Smp#: 8
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 480-0059910-008
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 00:26:05 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: goliszekg Date: 23-Jan-2017 09:21:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
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\$ 21 BFB	95	7.158	7.158	0.000	0	308860	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

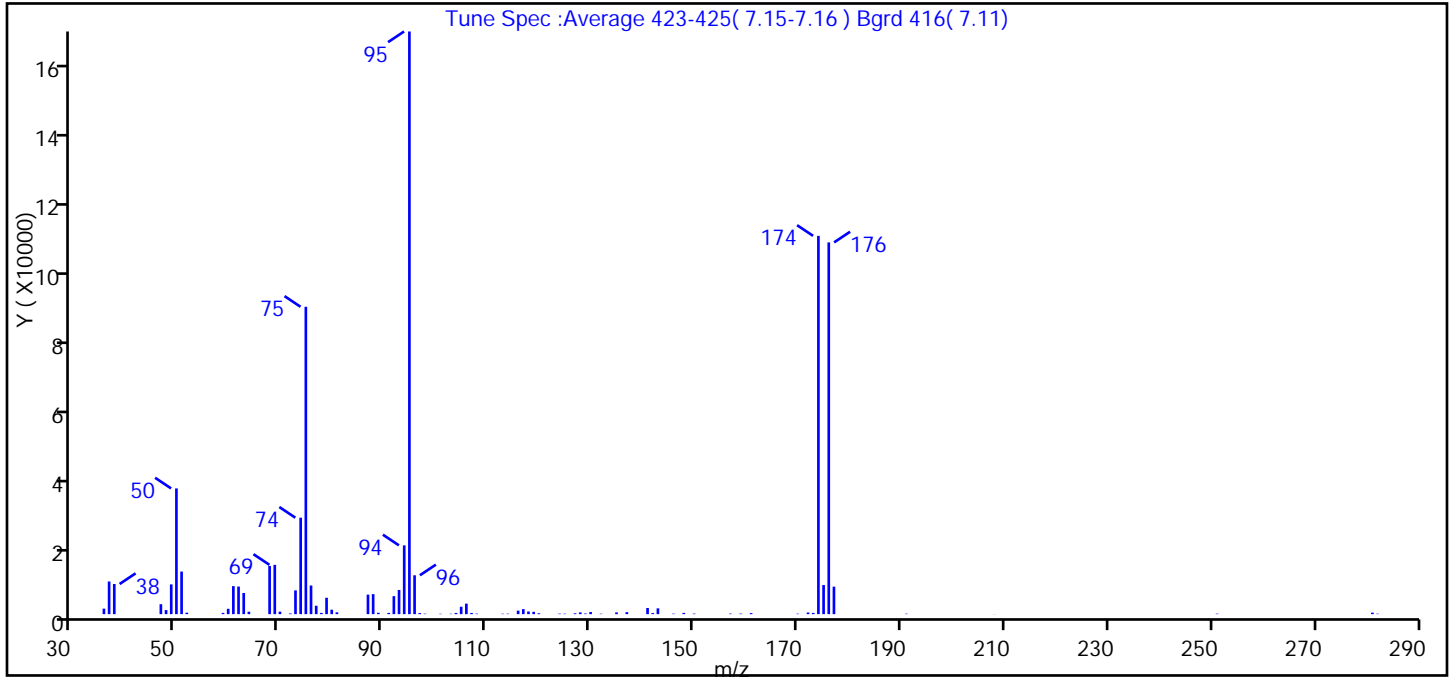
Reagents:

BFB_WRK_00059 Amount Added: 1.00 Units: uL

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22135.D
 Injection Date: 21-Jan-2017 00:15:30 Instrument ID: HP5973P
 Lims ID: BFB
 Client ID:
 Operator ID: SO ALS Bottle#: 10 Worklist Smp#: 8
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Method: P-8260H2O Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 21 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.6
75	30 to 60% of m/z 95	52.8
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.2 (0.3)
174	50 to 120% of m/z 95	64.9
175	5 to 9% of m/z 174	5.0 (7.7)
176	Greater than 95% but less than 101% of m/z 174	63.8 (98.3)
177	5 to 9% of m/z 176	4.7 (7.4)

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\22135.D\8260H2O.rslt\spectra.d
 Injection Date: 21-Jan-2017 00:15:30
 Spectrum: Tune Spec :Average 423-425(7.15-7.16) Bgrd 416(7.11)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 84

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1557	75.00	86832	105.00	2082	142.00	310
37.00	9225	76.00	8089	106.00	2969	143.00	1639
38.00	8514	77.00	2375	107.00	333	146.00	136
47.00	2811	78.00	350	108.00	144	147.00	8
48.00	1151	79.00	4630	113.00	118	148.00	354
49.00	8402	80.00	1261	114.00	121	150.00	160
50.00	35520	81.00	506	116.00	989	157.00	157
51.00	12035	87.00	5509	117.00	1420	159.00	150
52.00	411	88.00	5654	118.00	747	161.00	300
59.00	362	89.00	389	119.00	658	170.00	131
60.00	1513	91.00	352	120.00	250	172.00	463
61.00	7920	92.00	5085	124.00	142	173.00	351
62.00	7790	93.00	6822	125.00	127	174.00	106872
63.00	5974	94.00	19440	127.00	245	175.00	8226
64.00	686	95.00	164608	128.00	498	176.00	105024
68.00	13609	96.00	10979	129.00	182	177.00	7763
69.00	13925	97.00	295	130.00	595	191.00	126
70.00	710	98.00	132	132.00	120	208.00	35
72.00	193	101.00	110	135.00	489	251.00	141
73.00	6713	103.00	101	137.00	565	281.00	421
74.00	27248	104.00	341	141.00	1733	282.00	120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22183.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 24-Jan-2017 20:56:30 ALS Bottle#: 27 Worklist Smp#: 1
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: bfb
 Misc. Info.: 480-0059986-001
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 21:08:49 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: o'briens Date: 24-Jan-2017 21:08:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
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\$ 21 BFB	95	7.146	7.146	0.000	0	354801	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

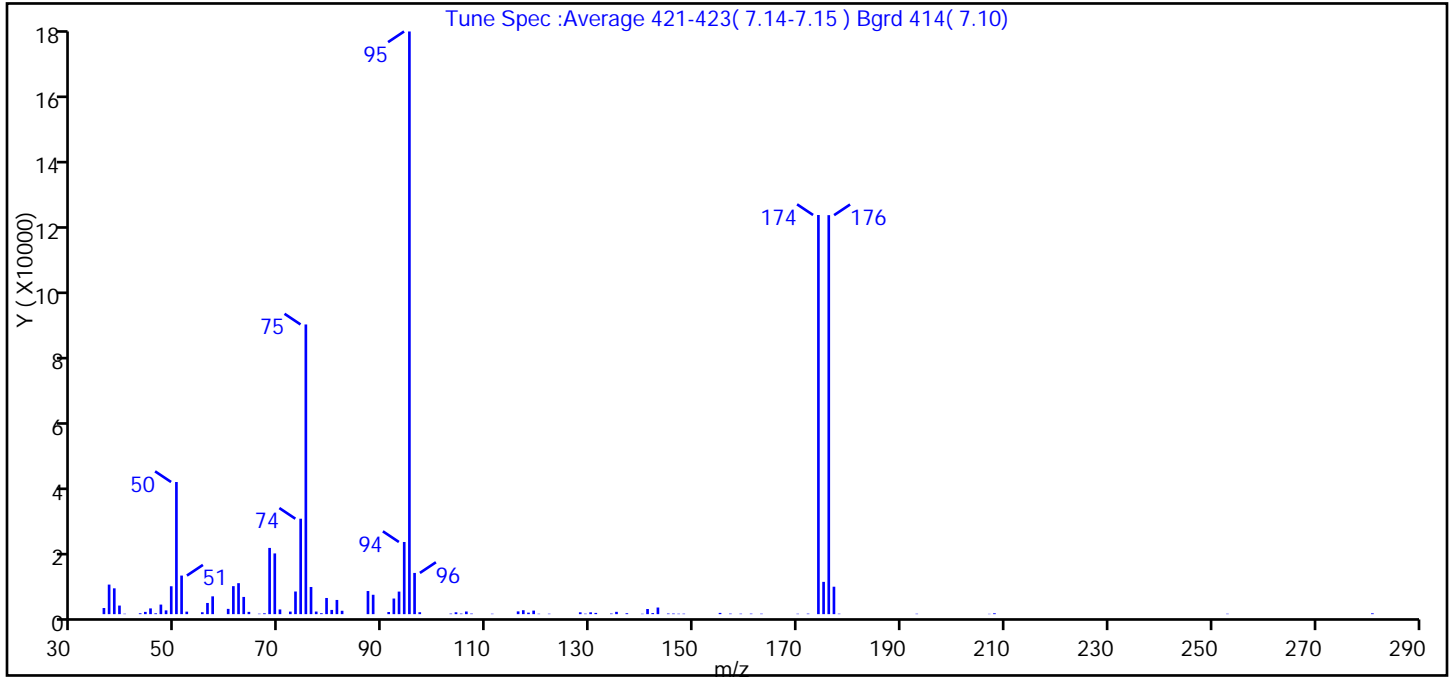
Reagents:

BFB_WRK_00059 Amount Added: 1.00 Units: uL

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22183.D
 Injection Date: 24-Jan-2017 20:56:30 Instrument ID: HP5973P
 Lims ID: BFB
 Client ID:
 Operator ID: SO ALS Bottle#: 27 Worklist Smp#: 1
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Method: P-8260H2O Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 21 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.7
75	30 to 60% of m/z 95	49.7
96	5 to 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	68.5
175	5 to 9% of m/z 174	5.5 (8.1)
176	Greater than 95% but less than 101% of m/z 174	68.5 (100.0)
177	5 to 9% of m/z 176	4.7 (6.9)

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\22183.D\8260H2O.rslt\spectra.d
 Injection Date: 24-Jan-2017 20:56:30
 Spectrum: Tune Spec :Average 421-423(7.14-7.15) Bgrd 414(7.10)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 92

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1878	66.00	132	96.00	12620	142.00	324
37.00	9050	67.00	254	97.00	588	143.00	2028
38.00	7905	68.00	20280	103.00	164	145.00	189
39.00	2628	69.00	18592	104.00	569	146.00	179
40.00	121	70.00	1437	105.00	169	147.00	130
43.00	268	72.00	782	106.00	809	148.00	141
44.00	696	73.00	6933	107.00	172	155.00	381
45.00	1759	74.00	29224	111.00	122	157.00	160
46.00	258	75.00	88712	116.00	844	159.00	140
47.00	2926	76.00	8316	117.00	1201	161.00	152
48.00	1154	77.00	794	118.00	463	163.00	137
49.00	8540	78.00	284	119.00	1088	170.00	122
50.00	40464	79.00	4952	120.00	122	172.00	157
51.00	11812	80.00	1291	122.00	129	174.00	122232
52.00	769	81.00	4347	128.00	564	175.00	9886
55.00	581	82.00	1036	129.00	149	176.00	122184
56.00	3422	87.00	7077	130.00	563	177.00	8401
57.00	5452	88.00	5934	131.00	382	178.00	136
60.00	1615	91.00	647	134.00	184	193.00	121
61.00	8571	92.00	4779	135.00	707	207.00	93
62.00	9487	93.00	6908	137.00	278	208.00	262
63.00	5271	94.00	22096	140.00	117	253.00	122
64.00	696	95.00	178432	141.00	1574	281.00	249

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22209.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 25-Jan-2017 09:03:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: bfb
 Misc. Info.: 480-0059990-001
 Operator ID: RF Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 16:40:46 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK006

First Level Reviewer: reiler Date: 25-Jan-2017 16:40:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
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\$ 21 BFB	95	7.146	7.146	0.000	0	153530	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

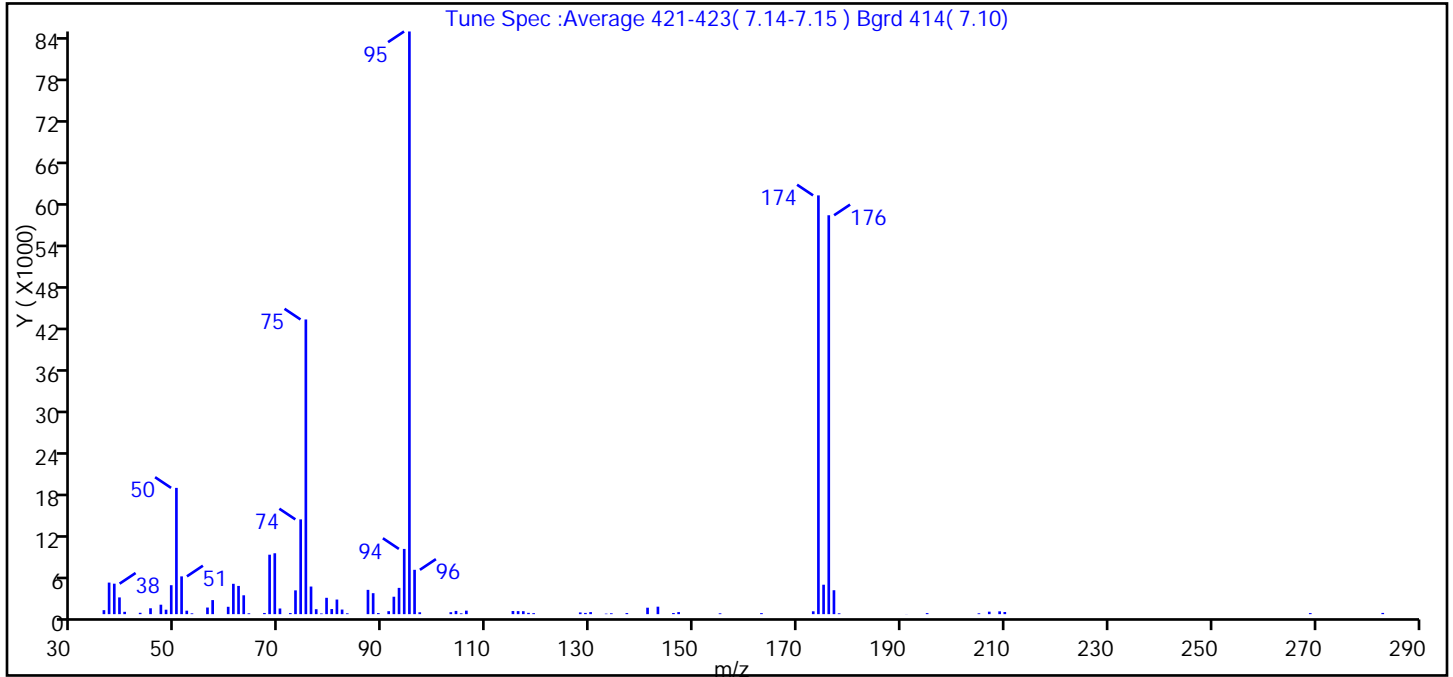
Reagents:

BFB_WRK_00059 Amount Added: 1.00 Units: uL

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22209.D
 Injection Date: 25-Jan-2017 09:03:30 Instrument ID: HP5973P
 Lims ID: BFB
 Client ID:
 Operator ID: RF ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Method: P-8260H2O Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 21 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.7
75	30 to 60% of m/z 95	50.6
96	5 to 9% of m/z 95	7.6
173	Less than 2% of m/z 174	0.5 (0.7)
174	50 to 120% of m/z 95	71.9
175	5 to 9% of m/z 174	5.1 (7.0)
176	Greater than 95% but less than 101% of m/z 174	68.5 (95.3)
177	5 to 9% of m/z 176	4.1 (6.0)

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\22209.D\8260H2O.rslt\spectra.d
Injection Date: 25-Jan-2017 09:03:30
Spectrum: Tune Spec :Average 421-423(7.14-7.15) Bgrd 414(7.10)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 82

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	580	67.00	170	93.00	3829	143.00	1089
37.00	4599	68.00	8665	94.00	9508	146.00	164
38.00	4442	69.00	8875	95.00	84944	147.00	299
39.00	2439	70.00	824	96.00	6463	155.00	123
40.00	341	72.00	156	97.00	272	163.00	148
43.00	198	73.00	3467	103.00	283	173.00	416
45.00	857	74.00	13816	104.00	470	174.00	61048
47.00	1376	75.00	42960	105.00	118	175.00	4290
48.00	648	76.00	4024	106.00	509	176.00	58152
49.00	4219	77.00	722	115.00	459	177.00	3486
50.00	18408	78.00	99	116.00	442	178.00	121
51.00	5506	79.00	2383	117.00	432	191.00	15
52.00	505	80.00	745	118.00	190	195.00	154
53.00	118	81.00	2128	119.00	146	205.00	125
56.00	964	82.00	670	128.00	250	207.00	360
57.00	2047	83.00	121	129.00	178	209.00	409
60.00	1073	87.00	3540	130.00	298	210.00	313
61.00	4424	88.00	3056	133.00	73	269.00	156
62.00	4113	89.00	155	134.00	128	283.00	179
63.00	2748	91.00	432	137.00	158		
64.00	122	92.00	2540	141.00	938		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-340386/7
 Matrix: Water Lab File ID: P22063.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/17/2017 20:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-340386/7
 Matrix: Water Lab File ID: P22063.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/17/2017 20:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22063.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 17-Jan-2017 20:52:30 ALS Bottle#: 37 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 480-0059829-007
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 17-Jan-2017 21:27:55 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK004

First Level Reviewer: reiler

Date: 17-Jan-2017 21:58:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	99	105000	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.758	13.757	0.001	86	222245	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.751	0.000	93	282471	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.012	9.006	0.006	94	141169	25.0	25.1	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	84300	25.0	26.2	
\$ 5 Toluene-d8 (Surr)	98	11.793	11.792	0.001	94	472080	25.0	24.4	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	96	189213	25.0	23.9	
10 Dichlorodifluoromethane	85		3.981					ND	
15 Chlorodifluoromethane	51		4.012					ND	
11 Chloromethane	50		4.285					ND	
17 Vinyl chloride	62		4.516					ND	
144 Butadiene	54		4.535					ND	
12 Bromomethane	94		5.064					ND	
13 Chloroethane	64		5.198					ND	
19 Dichlorofluoromethane	67		5.484					ND	
14 Trichlorofluoromethane	101		5.599					ND	
141 Ethanol	45		5.794					ND	
20 Ethyl ether	59		5.891					ND	
26 Propene oxide	58		6.050					ND	
22 Acrolein	56		6.141					ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238					ND	
25 1,1-Dichloroethene	96		6.281					ND	
24 Acetone	43		6.317					ND	
23 Isopropyl alcohol	45		6.427					ND	
18 Iodomethane	142		6.548					ND	
27 Carbon disulfide	76		6.670					ND	
30 Methyl acetate	43		6.688					ND	
29 Acetonitrile	40		6.719					ND	
28 3-Chloro-1-propene	41		6.725					ND	
33 2-Methyl-2-propanol	59		6.926					ND	
32 Methyl tert-butyl ether	73		7.157					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
34 Acrylonitrile	53		7.187					ND	
35 trans-1,2-Dichloroethene	96		7.224					ND	
37 Isopropyl ether	45		7.680					ND	
38 Vinyl acetate	43		7.692					ND	
40 1,1-Dichloroethane	63		7.747					ND	
39 1,1-Dimethoxyethane	75		7.777					ND	
41 2-Chloro-1,3-butadiene	53		7.844					ND	
42 Tert-butyl ethyl ether	59		8.118					ND	
44 2-Butanone (MEK)	43		8.392					ND	
46 Ethyl acetate	43		8.392					ND	
43 cis-1,2-Dichloroethene	96		8.440					ND	
45 2,2-Dichloropropane	77		8.446					ND	
47 Propionitrile	54		8.519					ND	
48 Methacrylonitrile	41		8.690					ND	
50 Chlorobromomethane	128		8.757					ND	
51 Tetrahydrofuran	42		8.787					ND	
52 1,1,1-Trichloroethane	97		9.055					ND	
54 Cyclohexane	56		9.128					ND	
53 Isobutyl alcohol	43		9.207					ND	
56 1,1-Dichloropropene	75		9.231					ND	
55 Carbon tetrachloride	117		9.262					ND	
140 t-Amyl alcohol	59		9.347					ND	
146 Isooctane	57		9.481					ND	
57 Benzene	78		9.511					ND	
58 Tert-amyl methyl ether	73		9.517					ND	
60 1,2-Dichloroethane	62		9.535					ND	
59 n-Heptane	43		9.639					ND	
66 2-Methylthiophene	97		9.687					ND	
1 1,4-Difluorobenzene	114		9.888					ND	
67 3-Methylthiophene	97		9.894					ND	
61 n-Butanol	56		10.010					ND	
145 Ethyl acrylate	55		10.247					ND	
62 Trichloroethene	95		10.265					ND	
64 Methylcyclohexane	83		10.503					ND	
65 Methyl methacrylate	41		10.551					ND	
63 1,2-Dichloropropane	63		10.576					ND	
68 1,4-Dioxane	88		10.691					ND	
69 Dibromomethane	93		10.764					ND	
70 Dichlorobromomethane	83		10.904					ND	
71 2-Chloroethyl vinyl ether	63		11.166					ND	
72 2-Nitropropane	43		11.172					ND	
74 Epichlorohydrin	57		11.336					ND	
73 cis-1,3-Dichloropropene	75		11.440					ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549					ND	
76 Toluene	92		11.884					ND	
77 Ethyl methacrylate	69		12.115					ND	
78 trans-1,3-Dichloropropene	75		12.145					ND	
79 1,1,2-Trichloroethane	83		12.425					ND	
80 Tetrachloroethene	166		12.626					ND	
83 2-Hexanone	43		12.638					ND	
82 1,3-Dichloropropane	76		12.662					ND	
149 n-Butyl acetate	43		12.729					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
81 Chlorodibromomethane	129		13.009					ND	
85 Ethylene Dibromide	107		13.204					ND	
84 3-Chlorobenzotrifluoride	180		13.605					ND	
139 1-Chlorohexane	55		13.624					ND	
86 4-Chlorobenzotrifluoride	180		13.678					ND	
87 Chlorobenzene	112		13.800					ND	
89 Ethylbenzene	91		13.867					ND	
88 1,1,1,2-Tetrachloroethane	131		13.879					ND	
90 m-Xylene & p-Xylene	106		14.007					ND	
93 o-Xylene	106		14.554					ND	
94 Styrene	104		14.573					ND	
91 2-Chlorobenzotrifluoride	180		14.859					ND	
92 Bromoform	173		14.925					ND	
95 Isopropylbenzene	105		14.998					ND	
96 Cyclohexanone	55		15.242					ND	
97 1,1,2,2-Tetrachloroethane	83		15.418					ND	
98 trans-1,4-Dichloro-2-buten	53		15.479					ND	
101 1,2,3-Trichloropropane	110		15.516					ND	
100 Bromobenzene	156		15.516					ND	
99 N-Propylbenzene	91		15.528					ND	
103 2-Chlorotoluene	126		15.716					ND	
102 1,3,5-Trimethylbenzene	105		15.722					ND	
104 3-Chlorotoluene	126		15.783					ND	
105 4-Chlorotoluene	126		15.844					ND	
106 tert-Butylbenzene	134		16.160					ND	
107 1,2,4-Trimethylbenzene	105		16.227					ND	
108 Pentachloroethane	167		16.276					ND	
109 sec-Butylbenzene	105		16.434					ND	
112 4-Isopropyltoluene	119		16.586					ND	
111 1,4-Dichlorobenzene	146		16.781					ND	
113 1,2,3-Trimethylbenzene	105		16.781					ND	
114 Dicyclopentadiene	66		16.805					ND	
143 Benzyl chloride	126		16.933					ND	
116 1,2-Dichlorobenzene	146		17.268					ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241					ND	
118 1,3,5-Trichlorobenzene	180		18.454					ND	
120 Hexachlorobutadiene	225		19.470					ND	
121 Naphthalene	128		19.707					ND	
122 1,2,3-Trichlorobenzene	180		20.066					ND	
142 2-Methylnaphthalene	142		21.520					ND	
136 Propene oxide TIC	1		0.000					ND	
138 Ethylene oxide TIC	1		0.000					ND	
137 1-Bromopropane TIC	1		0.000					ND	
134 Halothane	1		0.000					ND	
135 Pentachloroethane TIC	1		0.000					ND	
S 125 Total BTEX	1		30.000					ND	
S 126 Xylenes, Total	1		30.000					ND	
S 123 1,2-Dichloroethene, Total	1		30.000					ND	
S 124 1,3-Dichloropropene, Total	1		30.000					ND	
T 150 1-Chloro-1-fluoroethane TI	47		5.300					ND	
T 130 Bromoethane TIC	1		0.000					ND	
T 129 bis(chloromethyl)ether TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
T 131 1-Bromopropane	1		0.000					ND	
T 133 Aziridine TIC	1		0.000					ND	
T 132 tert-amyl alcohol TIC	1		0.000					ND	
T 7 Ethylene oxide	1		0.000					ND	
T 9 bis(2-chloromethyl)ether T	1		0.000					ND	
T 128 Hexachloroethane TIC	201		0.000					ND	
T 127 Ethanol TIC	45		0.000					ND	

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22063.D

Injection Date: 17-Jan-2017 20:52:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

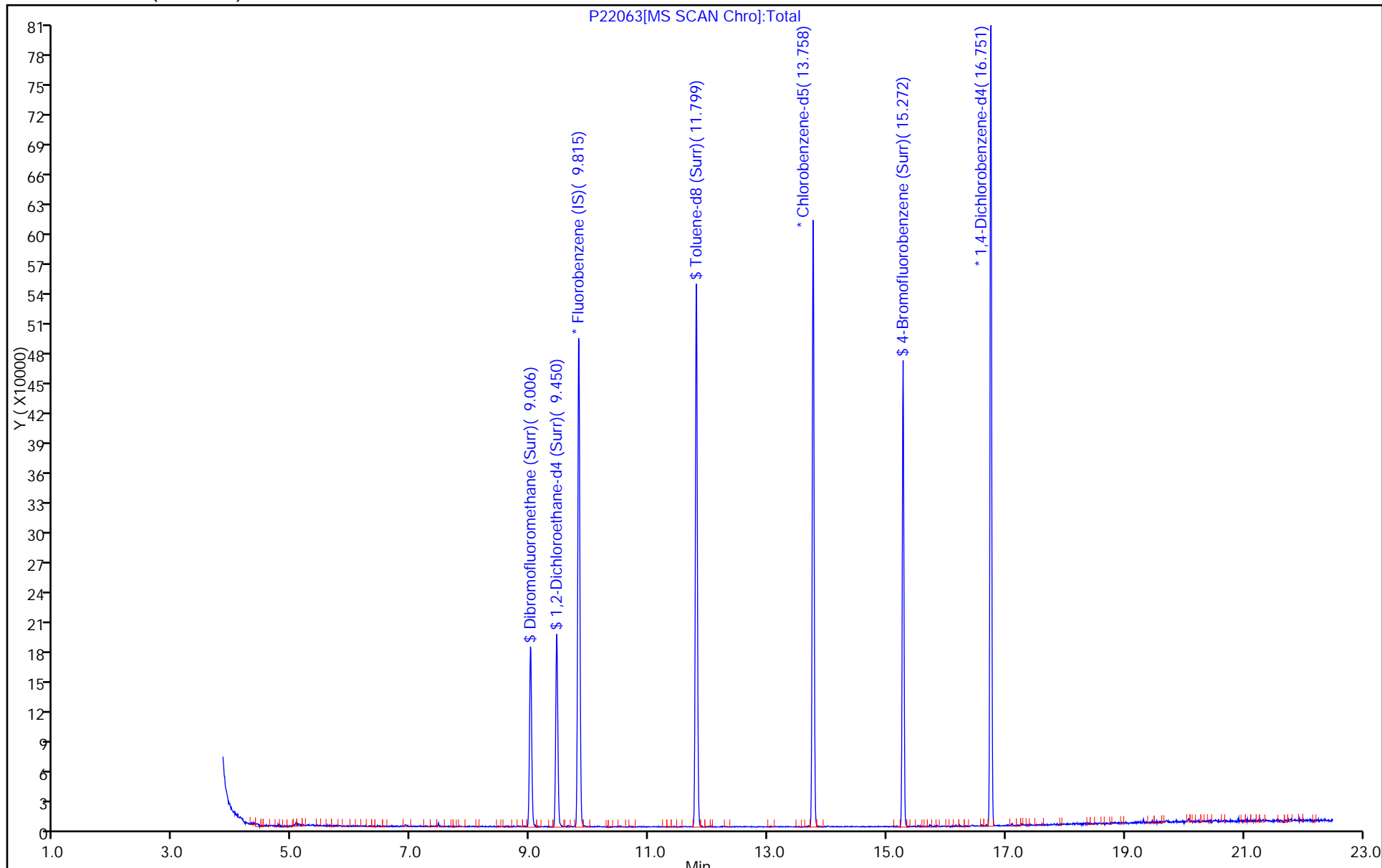
Dil. Factor: 1.0000

ALS Bottle#: 37

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-340437/6
 Matrix: Water Lab File ID: N2582.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 10:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-340437/6
 Matrix: Water Lab File ID: N2582.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 10:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2582.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 18-Jan-2017 10:42:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 480-0059834-006
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 11:00:52 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: archern

Date: 18-Jan-2017 11:00:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.522	0.006	99	84350	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	327068	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	178556	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.926	4.926	0.000	94	109183	25.0	25.8	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	110858	25.0	24.1	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	403795	25.0	24.2	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	96	139335	25.0	24.6	
11 Dichlorodifluoromethane	85		1.373					ND	
12 Chlorodifluoromethane	51		1.391					ND	
13 Chloromethane	50		1.525					ND	
14 Vinyl chloride	62		1.634					ND	
144 Butadiene	54		1.659					ND	
15 Bromomethane	94		1.926					ND	
16 Chloroethane	64		2.036					ND	
17 Dichlorofluoromethane	67		2.255					ND	
18 Trichlorofluoromethane	101		2.273					ND	
141 Ethanol	45		2.529					ND	
19 Ethyl ether	59		2.559					ND	
81 Propene oxide	58		2.626					ND	
20 Acrolein	56		2.711					ND	
22 1,1-Dichloroethene	96		2.772					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.778					ND	
23 Acetone	43		2.863					ND	
24 Iodomethane	142		2.924					ND	
25 Carbon disulfide	76		2.967					ND	
26 Isopropyl alcohol	45		3.040					ND	
27 3-Chloro-1-propene	41		3.131					ND	
29 Acetonitrile	40		3.155					ND	
28 Methyl acetate	43		3.174					ND	
30 Methylene Chloride	84		3.265					ND	
31 2-Methyl-2-propanol	59		3.417					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		3.496					ND	
33 trans-1,2-Dichloroethene	96		3.508					ND	
34 Acrylonitrile	53		3.526					ND	
35 Hexane	57		3.727					ND	
36 1,1-Dichloroethane	63		3.916					ND	
37 Isopropyl ether	45		3.952					ND	
39 Vinyl acetate	43		3.971					ND	
38 2-Chloro-1,3-butadiene	53		3.983					ND	
40 1,1-Dimethoxyethane	75		4.013					ND	
41 Tert-butyl ethyl ether	59		4.293					ND	
42 2,2-Dichloropropane	77		4.445					ND	
43 cis-1,2-Dichloroethene	96		4.469					ND	
44 2-Butanone (MEK)	43		4.494					ND	
45 Ethyl acetate	43		4.536					ND	
46 Propionitrile	54		4.573					ND	
47 Chlorobromomethane	128		4.694					ND	
48 Methacrylonitrile	67		4.695					ND	
49 Tetrahydrofuran	42		4.725					ND	
50 Chloroform	83		4.774					ND	
51 1,1,1-Trichloroethane	97		4.907					ND	
52 Cyclohexane	56		4.938					ND	
53 Carbon tetrachloride	117		5.053					ND	
54 1,1-Dichloropropene	75		5.060					ND	
56 Isobutyl alcohol	43		5.242					ND	
55 Benzene	78		5.260					ND	
146 Isooctane	57		5.285					ND	
57 1,2-Dichloroethane	62		5.309					ND	
140 t-Amyl alcohol	59		5.309					ND	
58 Tert-amyl methyl ether	73		5.345					ND	
59 n-Heptane	43		5.467					ND	
1 1,4-Difluorobenzene	114		5.631					ND	
60 Trichloroethene	95		5.869					ND	
61 n-Butanol	56		5.978					ND	
145 Ethyl acrylate	55		5.984					ND	
62 Methylcyclohexane	83		6.015					ND	
63 1,2-Dichloropropane	63		6.100					ND	
65 Methyl methacrylate	41		6.203					ND	
64 Dibromomethane	93		6.228					ND	
66 1,4-Dioxane	88		6.234					ND	
67 Dichlorobromomethane	83		6.380					ND	
68 2-Nitropropane	43		6.617					ND	
69 2-Chloroethyl vinyl ether	63		6.659					ND	
70 Epichlorohydrin	57		6.745					ND	
71 cis-1,3-Dichloropropene	75		6.805					ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945					ND	
73 Toluene	92		7.110					ND	
74 2-Methylthiophene	97		7.237					ND	
75 trans-1,3-Dichloropropene	75		7.365					ND	
76 3-Methylthiophene	97		7.402					ND	
77 Ethyl methacrylate	69		7.426					ND	
78 1,1,2-Trichloroethane	83		7.554					ND	
79 Tetrachloroethene	166		7.651					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
80 1,3-Dichloropropane	76		7.718					ND	
82 2-Hexanone	43		7.785					ND	
149 n-Butyl acetate	43		7.907					ND	
83 Chlorodibromomethane	129		7.955					ND	
84 Ethylene Dibromide	107		8.059					ND	
139 1-Chlorohexane	55		8.509					ND	
86 3-Chlorobenzotrifluoride	180		8.521					ND	
85 Chlorobenzene	112		8.551					ND	
87 4-Chlorobenzotrifluoride	180		8.582					ND	
89 1,1,1,2-Tetrachloroethane	131		8.649					ND	
88 Ethylbenzene	91		8.655					ND	
90 m-Xylene & p-Xylene	106		8.777					ND	
91 o-Xylene	106		9.202					ND	
92 Styrene	104		9.227					ND	
93 Bromoform	173		9.458					ND	
94 2-Chlorobenzotrifluoride	180		9.501					ND	
95 Isopropylbenzene	105		9.586					ND	
96 Cyclohexanone	55		9.726					ND	
97 Bromobenzene	156		9.920					ND	
98 1,1,2,2-Tetrachloroethane	83		9.957					ND	
99 1,2,3-Trichloropropane	110		9.987					ND	
101 trans-1,4-Dichloro-2-buten	53		10.005					ND	
100 N-Propylbenzene	91		10.012					ND	
102 2-Chlorotoluene	126		10.109					ND	
103 3-Chlorotoluene	126		10.170					ND	
104 1,3,5-Trimethylbenzene	105		10.188					ND	
105 4-Chlorotoluene	91		10.218					ND	
106 tert-Butylbenzene	134		10.504					ND	
107 Pentachloroethane	167		10.547					ND	
108 1,2,4-Trimethylbenzene	105		10.559					ND	
109 sec-Butylbenzene	105		10.717					ND	
110 1,3-Dichlorobenzene	146		10.839					ND	
111 4-Isopropyltoluene	119		10.857					ND	
112 Dicyclopentadiene	66		10.918					ND	
113 1,4-Dichlorobenzene	146		10.924					ND	
114 1,2,3-Trimethylbenzene	105		10.961					ND	
143 Benzyl chloride	126		11.064					ND	
115 n-Butylbenzene	91		11.240					ND	
116 1,2-Dichlorobenzene	146		11.277					ND	
117 1,2-Dibromo-3-Chloropropan	75		11.989					ND	
118 1,3,5-Trichlorobenzene	180		12.147					ND	
119 1,2,4-Trichlorobenzene	180		12.688					ND	
120 Hexachlorobutadiene	225		12.810					ND	
121 Naphthalene	128		12.895					ND	
122 1,2,3-Trichlorobenzene	180		13.096					ND	
142 2-Methylnaphthalene	142		13.808					ND	
138 1-Bromopropane	1		0.000					ND	
133 Halothane	1		0.000					ND	
131 Aziridine TIC	1		0.000					ND	
136 Ethylene oxide TIC	1		0.000					ND	
S 123 1,3-Dichloropropene, Total	1		30.000					ND	
S 124 1,2-Dichloroethene, Total	1		30.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
S 125 Total BTEX	1		30.000					ND	
S 126 Xylenes, Total	1		30.000					ND	
T 150 1-Chloro-1-fluoroethane TI	47		2.000					ND	
T 10 Ethylene oxide	1		0.000					ND	
T 127 Ethanol TIC	1		0.000					ND	
T 129 tert-amyl alcohol TIC	1		0.000					ND	
T 128 Hexachloroethane TIC	117		0.000					ND	
T 9 bis(2-chloromethyl)ether T	1		0.000					ND	
T 134 bis(chloromethyl)ether TIC	1		0.000					ND	
T 135 1-Bromopropane TIC	1		0.000					ND	
T 132 Bromoethane TIC	1		0.000					ND	
T 137 Pentachloroethane TIC	1		0.000					ND	
T 130 Propene oxide TIC	1		0.000					ND	

Reagents:

N 8260 IS_00053	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00236	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2582.D

Injection Date: 18-Jan-2017 10:42:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: MB

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

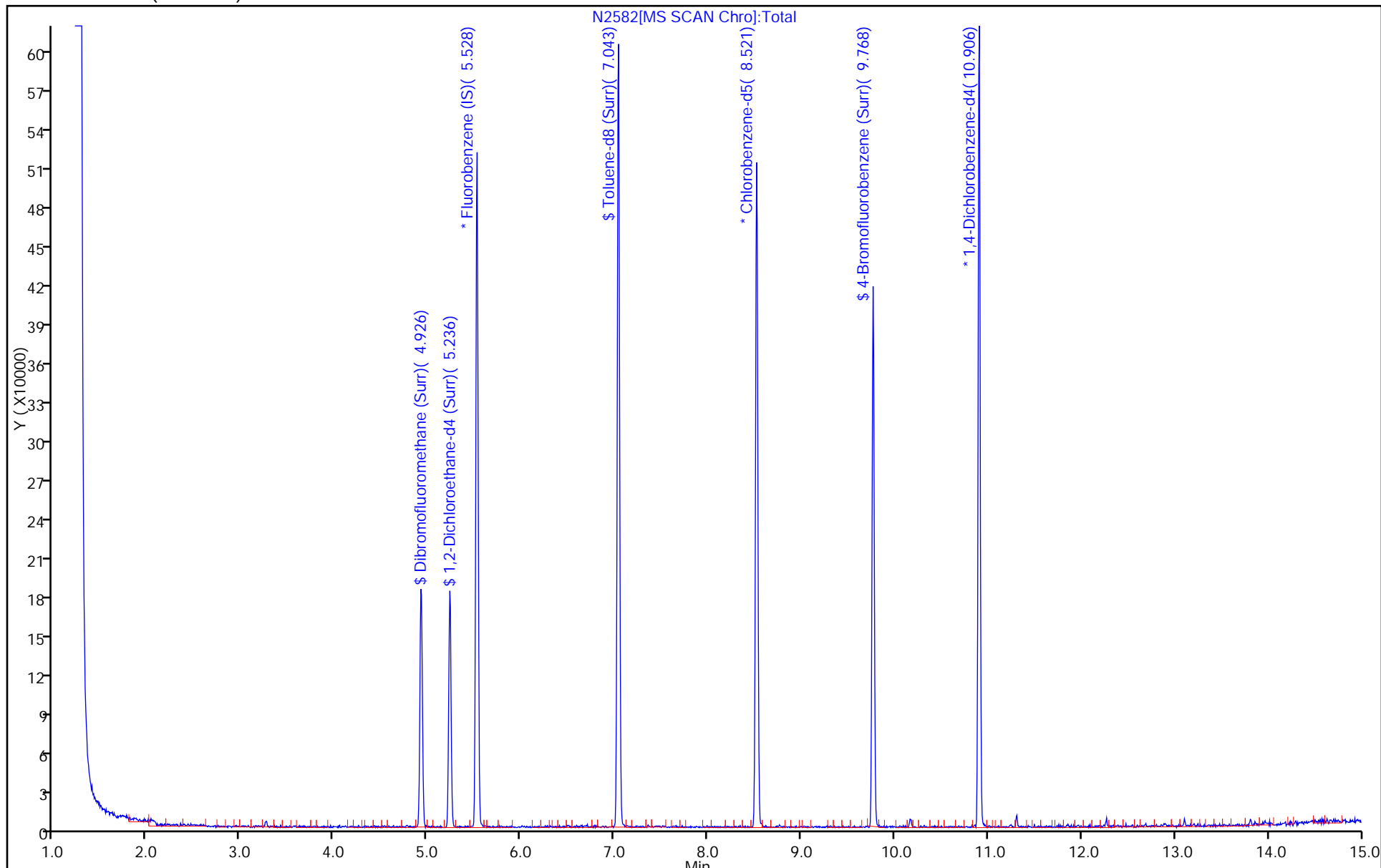
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-340630/6
 Matrix: Water Lab File ID: N2624.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 11:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-340630/6
 Matrix: Water Lab File ID: N2624.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 11:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2624.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 19-Jan-2017 11:13:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 480-0059868-006
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-Jan-2017 11:34:47 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: archern

Date: 19-Jan-2017 11:34:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	86979	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	84	338472	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	94	176999	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	94	112097	25.0	25.7	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	122466	25.0	25.8	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	419952	25.0	24.3	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	95	139530	25.0	23.8	
11 Dichlorodifluoromethane	85		1.373					ND	
12 Chlorodifluoromethane	51		1.397					ND	
13 Chloromethane	50		1.519					ND	
14 Vinyl chloride	62		1.628					ND	
144 Butadiene	54		1.659					ND	
15 Bromomethane	94		1.932					ND	
16 Chloroethane	64		2.042					ND	
17 Dichlorofluoromethane	67		2.255					ND	
18 Trichlorofluoromethane	101		2.273					ND	
141 Ethanol	45		2.529					ND	
19 Ethyl ether	59		2.553					ND	
81 Propene oxide	58		2.632					ND	
20 Acrolein	56		2.705					ND	
22 1,1-Dichloroethene	96		2.772					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.784					ND	
23 Acetone	43		2.863					ND	
24 Iodomethane	142		2.918					ND	
25 Carbon disulfide	76		2.967					ND	
26 Isopropyl alcohol	45		3.040					ND	
27 3-Chloro-1-propene	41		3.131					ND	
29 Acetonitrile	40		3.155					ND	
28 Methyl acetate	43		3.167					ND	
30 Methylene Chloride	84		3.265					ND	
31 2-Methyl-2-propanol	59		3.423					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		3.496					ND	
33 trans-1,2-Dichloroethene	96		3.508					ND	
34 Acrylonitrile	53		3.526					ND	
35 Hexane	57		3.727					ND	
36 1,1-Dichloroethane	63		3.916					ND	
37 Isopropyl ether	45		3.952					ND	
39 Vinyl acetate	43		3.970					ND	
38 2-Chloro-1,3-butadiene	53		3.989					ND	
40 1,1-Dimethoxyethane	75		4.013					ND	
41 Tert-butyl ethyl ether	59		4.293					ND	
42 2,2-Dichloropropane	77		4.445					ND	
43 cis-1,2-Dichloroethene	96		4.469					ND	
44 2-Butanone (MEK)	43		4.494					ND	
45 Ethyl acetate	43		4.536					ND	
46 Propionitrile	54		4.573					ND	
48 Methacrylonitrile	67		4.695					ND	
47 Chlorobromomethane	128		4.700					ND	
49 Tetrahydrofuran	42		4.725					ND	
50 Chloroform	83		4.773					ND	
51 1,1,1-Trichloroethane	97		4.907					ND	
52 Cyclohexane	56		4.938					ND	
53 Carbon tetrachloride	117		5.053					ND	
54 1,1-Dichloropropene	75		5.059					ND	
56 Isobutyl alcohol	43		5.236					ND	
55 Benzene	78		5.260					ND	
146 Isooctane	57		5.285					ND	
57 1,2-Dichloroethane	62		5.309					ND	
140 t-Amyl alcohol	59		5.309					ND	
58 Tert-amyl methyl ether	73		5.345					ND	
59 n-Heptane	43		5.467					ND	
1 1,4-Difluorobenzene	114		5.631					ND	
60 Trichloroethene	95		5.875					ND	
61 n-Butanol	56		5.984					ND	
145 Ethyl acrylate	55		5.984					ND	
62 Methylcyclohexane	83		6.014					ND	
63 1,2-Dichloropropane	63		6.100					ND	
65 Methyl methacrylate	41		6.203					ND	
64 Dibromomethane	93		6.227					ND	
66 1,4-Dioxane	88		6.240					ND	
67 Dichlorobromomethane	83		6.379					ND	
68 2-Nitropropane	43		6.611					ND	
69 2-Chloroethyl vinyl ether	63		6.665					ND	
70 Epichlorohydrin	57		6.745					ND	
71 cis-1,3-Dichloropropene	75		6.805					ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.945					ND	
73 Toluene	92		7.103					ND	
74 2-Methylthiophene	97		7.237					ND	
75 trans-1,3-Dichloropropene	75		7.365					ND	
76 3-Methylthiophene	97		7.402					ND	
77 Ethyl methacrylate	69		7.426					ND	
78 1,1,2-Trichloroethane	83		7.554					ND	
79 Tetrachloroethene	166		7.651					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
80 1,3-Dichloropropane	76		7.718					ND	
82 2-Hexanone	43		7.785					ND	
149 n-Butyl acetate	43		7.907					ND	
83 Chlorodibromomethane	129		7.955					ND	
84 Ethylene Dibromide	107		8.059					ND	
139 1-Chlorohexane	55		8.509					ND	
86 3-Chlorobenzotrifluoride	180		8.521					ND	
85 Chlorobenzene	112		8.551					ND	
87 4-Chlorobenzotrifluoride	180		8.582					ND	
89 1,1,1,2-Tetrachloroethane	131		8.643					ND	
88 Ethylbenzene	91		8.649					ND	
90 m-Xylene & p-Xylene	106		8.776					ND	
91 o-Xylene	106		9.196					ND	
92 Styrene	104		9.227					ND	
93 Bromoform	173		9.458					ND	
94 2-Chlorobenzotrifluoride	180		9.494					ND	
95 Isopropylbenzene	105		9.585					ND	
96 Cyclohexanone	55		9.726					ND	
97 Bromobenzene	156		9.920					ND	
98 1,1,2,2-Tetrachloroethane	83		9.951					ND	
99 1,2,3-Trichloropropane	110		9.987					ND	
101 trans-1,4-Dichloro-2-buten	53		10.005					ND	
100 N-Propylbenzene	91		10.011					ND	
102 2-Chlorotoluene	126		10.109					ND	
103 3-Chlorotoluene	126		10.170					ND	
104 1,3,5-Trimethylbenzene	105		10.188					ND	
105 4-Chlorotoluene	91		10.218					ND	
106 tert-Butylbenzene	134		10.504					ND	
107 Pentachloroethane	167		10.553					ND	
108 1,2,4-Trimethylbenzene	105		10.559					ND	
109 sec-Butylbenzene	105		10.717					ND	
110 1,3-Dichlorobenzene	146		10.839					ND	
111 4-Isopropyltoluene	119		10.851					ND	
112 Dicyclopentadiene	66		10.918					ND	
113 1,4-Dichlorobenzene	146		10.930					ND	
114 1,2,3-Trimethylbenzene	105		10.961					ND	
143 Benzyl chloride	126		11.064					ND	
115 n-Butylbenzene	91		11.240					ND	
116 1,2-Dichlorobenzene	146		11.277					ND	
117 1,2-Dibromo-3-Chloropropan	75		11.995					ND	
118 1,3,5-Trichlorobenzene	180		12.147					ND	
119 1,2,4-Trichlorobenzene	180		12.682					ND	
120 Hexachlorobutadiene	225		12.810					ND	
121 Naphthalene	128		12.895					ND	
122 1,2,3-Trichlorobenzene	180		13.096					ND	
142 2-Methylnaphthalene	142		13.808					ND	
133 Halothane	1		0.000					ND	
138 1-Bromopropane	1		0.000					ND	
131 Aziridine TIC	1		0.000					ND	
136 Ethylene oxide TIC	1		0.000					ND	
S 125 Total BTEX	1		30.000					ND	
S 126 Xylenes, Total	1		30.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
S 123 1,3-Dichloropropene, Total	1		30.000					ND	
S 124 1,2-Dichloroethene, Total	1		30.000					ND	
T 150 1-Chloro-1-fluoroethane TI	47		2.000					ND	
T 135 1-Bromopropane TIC	1		0.000					ND	
T 134 bis(chloromethyl)ether TIC	1		0.000					ND	
T 132 Bromoethane TIC	1		0.000					ND	
T 130 Propene oxide TIC	1		0.000					ND	
T 137 Pentachloroethane TIC	1		0.000					ND	
T 127 Ethanol TIC	1		0.000					ND	
T 10 Ethylene oxide	1		0.000					ND	
T 129 tert-amyl alcohol TIC	1		0.000					ND	
T 9 bis(2-chloromethyl)ether T	1		0.000					ND	
T 128 Hexachloroethane TIC	117		0.000					ND	

Reagents:

N 8260 IS_00053	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00237	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2624.D

Injection Date: 19-Jan-2017 11:13:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: MB

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

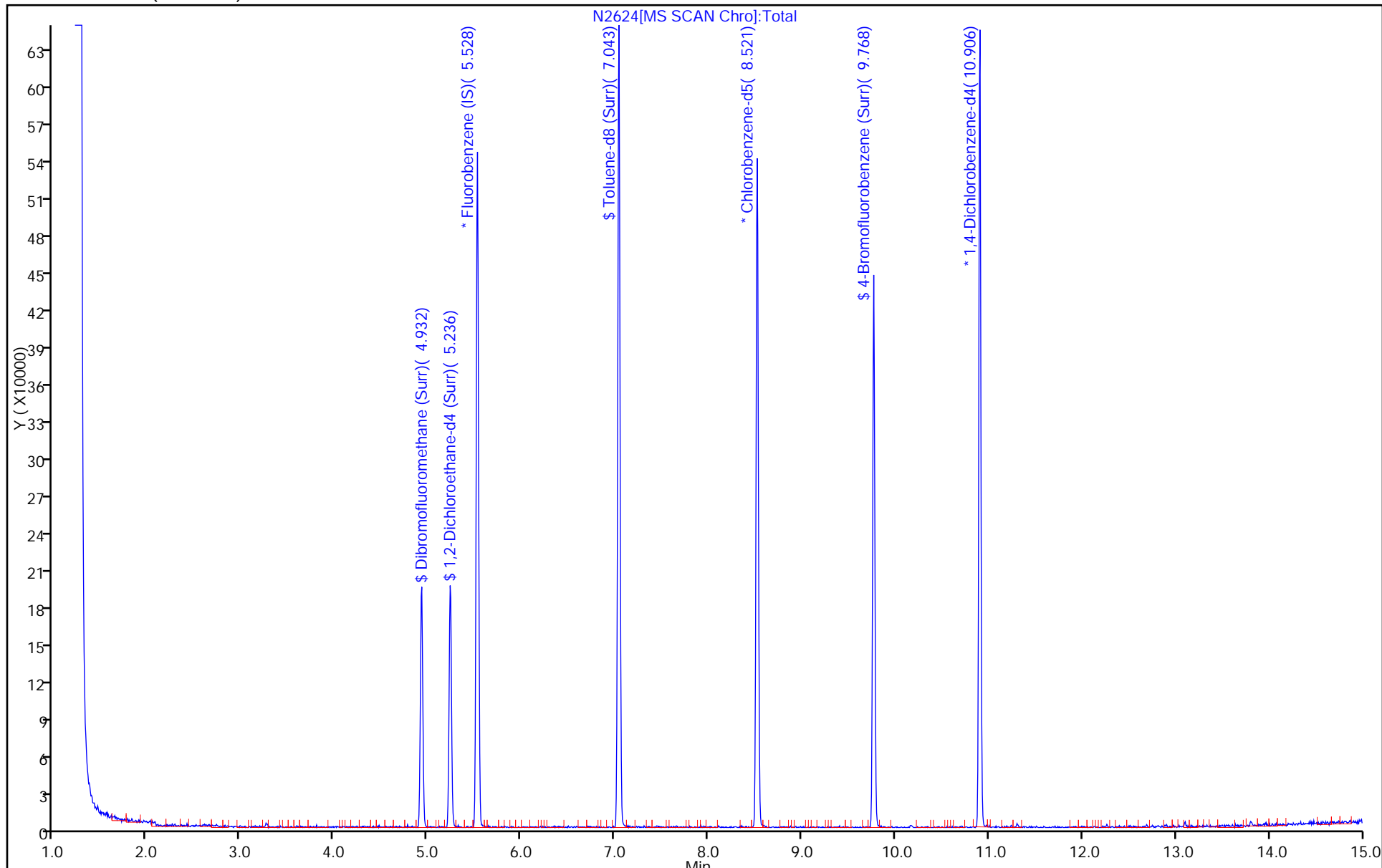
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-341263/6
 Matrix: Water Lab File ID: P22188.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/24/2017 23:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-341263/6
 Matrix: Water Lab File ID: P22188.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/24/2017 23:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22188.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 24-Jan-2017 23:15:30 ALS Bottle#: 32 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: mb
 Misc. Info.: 480-0059986-006
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 08:27:24 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: o'briens

Date: 24-Jan-2017 23:38:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	98	259566	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.763	13.758	0.005	88	537023	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.745	0.005	97	546946	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	92	317888	25.0	25.3	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.450	-0.006	0	216472	25.0	25.2	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.793	0.006	94	1121127	25.0	25.1	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	84	321330	25.0	24.8	
10 Dichlorodifluoromethane	85		3.981					ND	
15 Chlorodifluoromethane	51		4.006					ND	
11 Chloromethane	50		4.291					ND	
17 Vinyl chloride	62		4.510					ND	
144 Butadiene	54		4.535					ND	
12 Bromomethane	94		5.070					ND	
13 Chloroethane	64		5.198					ND	
19 Dichlorofluoromethane	67		5.484					ND	
14 Trichlorofluoromethane	101		5.599					ND	
141 Ethanol	45		5.764					ND	
20 Ethyl ether	59		5.885					ND	
26 Propene oxide	58		6.044					ND	
22 Acrolein	56		6.135					ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.232					ND	
25 1,1-Dichloroethene	96		6.281					ND	
24 Acetone	43		6.311					ND	
23 Isopropyl alcohol	45		6.421					ND	
18 Iodomethane	142		6.548					ND	
30 Methyl acetate	43		6.688					ND	
29 Acetonitrile	40		6.719					ND	
31 Methylene Chloride	84		6.901					ND	
33 2-Methyl-2-propanol	59		6.919					ND	
32 Methyl tert-butyl ether	73		7.157					ND	
34 Acrylonitrile	53		7.187					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 trans-1,2-Dichloroethene	96		7.217					ND	
36 Hexane	57	7.461	7.455	0.006	89	3137		0.1617	
37 Isopropyl ether	45		7.674					ND	
38 Vinyl acetate	43		7.692					ND	
40 1,1-Dichloroethane	63		7.741					ND	
39 1,1-Dimethoxyethane	75		7.777					ND	
41 2-Chloro-1,3-butadiene	53		7.838					ND	
42 Tert-butyl ethyl ether	59		8.118					ND	
44 2-Butanone (MEK)	43		8.385					ND	
46 Ethyl acetate	43		8.392					ND	
43 cis-1,2-Dichloroethene	96		8.440					ND	
45 2,2-Dichloropropane	77		8.446					ND	
47 Propionitrile	54		8.520					ND	
48 Methacrylonitrile	41		8.690					ND	
50 Chlorobromomethane	128		8.757					ND	
51 Tetrahydrofuran	42		8.787					ND	
52 1,1,1-Trichloroethane	97		9.055					ND	
54 Cyclohexane	56		9.128					ND	
53 Isobutyl alcohol	43		9.201					ND	
56 1,1-Dichloropropene	75		9.231					ND	
55 Carbon tetrachloride	117		9.261					ND	
140 t-Amyl alcohol	59		9.347					ND	
146 Isooctane	57		9.475					ND	
57 Benzene	78		9.511					ND	
58 Tert-amyl methyl ether	73		9.517					ND	
60 1,2-Dichloroethane	62		9.535					ND	
59 n-Heptane	43		9.633					ND	
66 2-Methylthiophene	97		9.687					ND	
1 1,4-Difluorobenzene	114		9.888					ND	
67 3-Methylthiophene	97	9.821	9.894	-0.073	42	88526		NC	
61 n-Butanol	56		10.004					ND	
145 Ethyl acrylate	55		10.247					ND	
62 Trichloroethene	95		10.265					ND	
65 Methyl methacrylate	41		10.545					ND	
63 1,2-Dichloropropane	63		10.576					ND	
68 1,4-Dioxane	88		10.691					ND	
69 Dibromomethane	93		10.758					ND	
70 Dichlorobromomethane	83		10.904					ND	
71 2-Chloroethyl vinyl ether	63		11.166					ND	
72 2-Nitropropane	43		11.172					ND	
74 Epichlorohydrin	57		11.336					ND	
73 cis-1,3-Dichloropropene	75		11.439					ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549					ND	
76 Toluene	92		11.884					ND	
77 Ethyl methacrylate	69		12.115					ND	
78 trans-1,3-Dichloropropene	75		12.139					ND	
79 1,1,2-Trichloroethane	83		12.425					ND	
80 Tetrachloroethene	166		12.626					ND	
83 2-Hexanone	43		12.638					ND	
82 1,3-Dichloropropane	76		12.662					ND	
149 n-Butyl acetate	43		12.729					ND	
81 Chlorodibromomethane	129		13.009					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
85 Ethylene Dibromide	107		13.204					ND	
84 3-Chlorobenzotrifluoride	180		13.605					ND	
139 1-Chlorohexane	55		13.624					ND	
86 4-Chlorobenzotrifluoride	180		13.678					ND	
87 Chlorobenzene	112		13.800					ND	
88 1,1,1,2-Tetrachloroethane	131		13.879					ND	
93 o-Xylene	106		14.554					ND	
94 Styrene	104		14.572					ND	
91 2-Chlorobenzotrifluoride	180		14.859					ND	
92 Bromoform	173		14.925					ND	
95 Isopropylbenzene	105		14.998					ND	
96 Cyclohexanone	55		15.236					ND	
97 1,1,2,2-Tetrachloroethane	83		15.424					ND	
98 trans-1,4-Dichloro-2-buten	53		15.473					ND	
101 1,2,3-Trichloropropane	110		15.515					ND	
100 Bromobenzene	156		15.515					ND	
99 N-Propylbenzene	91		15.528					ND	
108 Pentachloroethane	167		16.276					ND	
109 sec-Butylbenzene	105		16.434					ND	
114 Dicyclopentadiene	66		16.805					ND	
143 Benzyl chloride	126		16.933					ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241					ND	
118 1,3,5-Trichlorobenzene	180		18.460					ND	
121 Naphthalene	128		19.707					ND	
142 2-Methylnaphthalene	142		21.520					ND	
136 Propene oxide TIC	1		0.000					ND	
138 Ethylene oxide TIC	1		0.000					ND	
137 1-Bromopropane TIC	1		0.000					ND	
134 Halothane	1		0.000					ND	
135 Pentachloroethane TIC	1		0.000					ND	
S 126 Xylenes, Total	1		30.000					ND	
S 123 1,2-Dichloroethene, Total	1		30.000					ND	
S 124 1,3-Dichloropropene, Total	1		30.000					ND	
S 125 Total BTEX	1		30.000					ND	
T 150 1-Chloro-1-fluoroethane TI	47		5.300					ND	
T 129 bis(chloromethyl)ether TIC	1		0.000					ND	
T 130 Bromoethane TIC	1		0.000					ND	
T 128 Hexachloroethane TIC	201		0.000					ND	
T 9 bis(2-chloromethyl)ether T	1		0.000					ND	
T 131 1-Bromopropane	1		0.000					ND	
T 7 Ethylene oxide	1		0.000					ND	
T 132 tert-amyl alcohol TIC	1		0.000					ND	
T 133 Aziridine TIC	1		0.000					ND	
T 127 Ethanol TIC	45		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

P 8260 IS_00195	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00207	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22188.D

Injection Date: 24-Jan-2017 23:15:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: MB

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

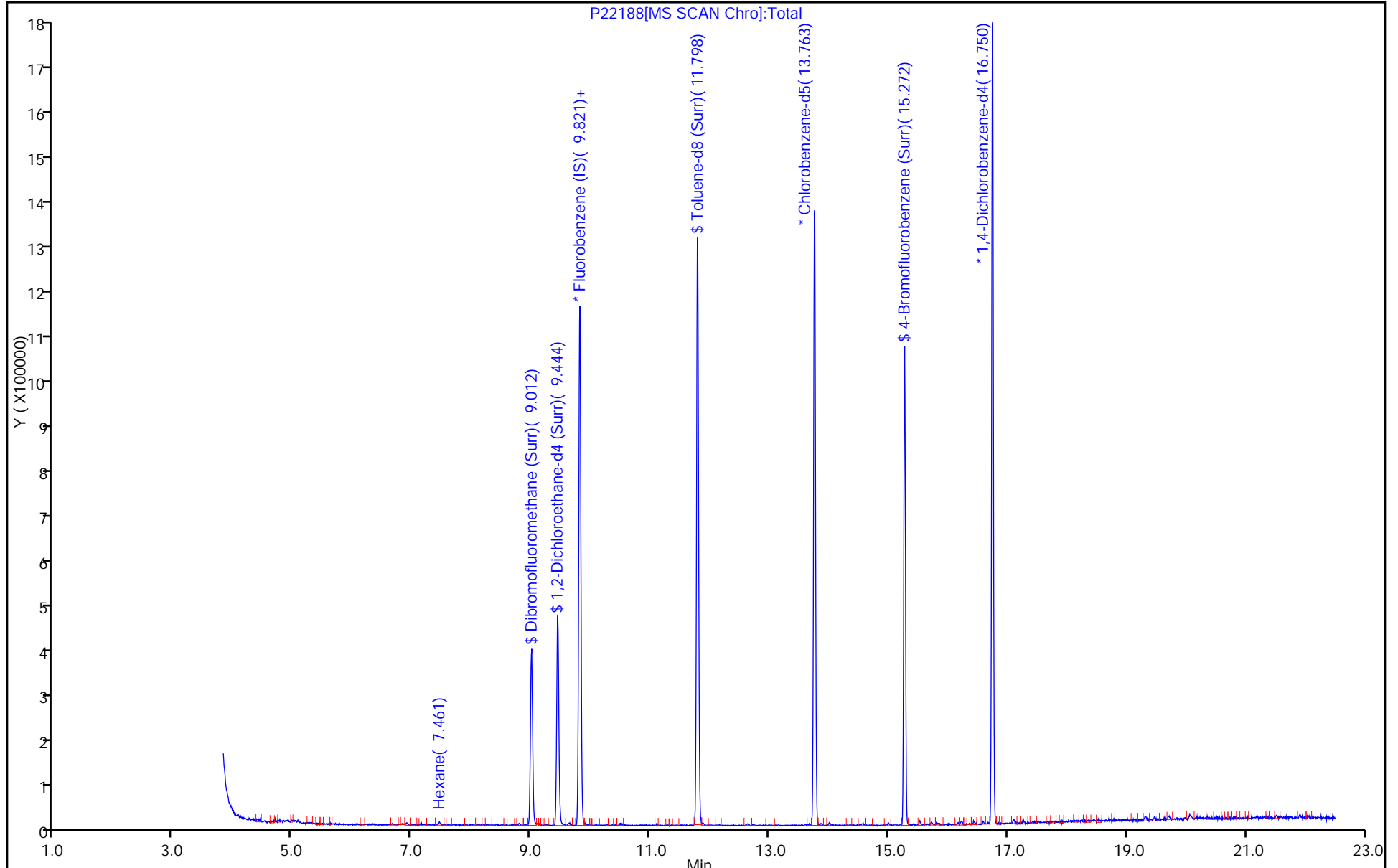
Dil. Factor: 1.0000

ALS Bottle#: 32

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-341308/6
 Matrix: Water Lab File ID: P22214.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 11:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341308 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-341308/6
 Matrix: Water Lab File ID: P22214.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 11:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341308 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22214.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 25-Jan-2017 11:18:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: mb
 Misc. Info.: 480-0059990-006
 Operator ID: RF Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 17:08:06 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK006

First Level Reviewer: farrellr Date: 25-Jan-2017 11:44:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	98	267550	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.763	13.758	0.005	87	563457	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.745	0.005	97	564812	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	91	312495	25.0	24.1	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.444	0.006	0	223602	25.0	25.2	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.799	-0.001	93	1146143	25.0	24.5	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	334533	25.0	24.6	
10 Dichlorodifluoromethane	85		3.999					ND	
15 Chlorodifluoromethane	51		4.012					ND	
17 Vinyl chloride	62		4.516					ND	
144 Butadiene	54		4.547					ND	
12 Bromomethane	94		5.070					ND	
13 Chloroethane	64		5.210					ND	
19 Dichlorofluoromethane	67		5.490					ND	
14 Trichlorofluoromethane	101		5.605					ND	
141 Ethanol	45		5.782					ND	
20 Ethyl ether	59		5.891					ND	
26 Propene oxide	58		6.050					ND	
22 Acrolein	56		6.141					ND	
16 1,1,2-Trichloro-1,2,2-trif	101		6.238					ND	
25 1,1-Dichloroethene	96		6.281					ND	
24 Acetone	43		6.311					ND	
23 Isopropyl alcohol	45		6.421					ND	
18 Iodomethane	142		6.548					ND	
30 Methyl acetate	43		6.688					ND	
29 Acetonitrile	40		6.719					ND	
33 2-Methyl-2-propanol	59		6.925					ND	
32 Methyl tert-butyl ether	73		7.163					ND	M
34 Acrylonitrile	53		7.193					ND	
37 Isopropyl ether	45		7.680					ND	
38 Vinyl acetate	43		7.692					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
40 1,1-Dichloroethane	63		7.747					ND	
39 1,1-Dimethoxyethane	75		7.777					ND	
41 2-Chloro-1,3-butadiene	53		7.838					ND	
42 Tert-butyl ethyl ether	59		8.118					ND	
44 2-Butanone (MEK)	43		8.392					ND	
46 Ethyl acetate	43		8.392					ND	
43 cis-1,2-Dichloroethene	96		8.446					ND	
45 2,2-Dichloropropane	77		8.446					ND	
47 Propionitrile	54		8.520					ND	
48 Methacrylonitrile	41		8.690					ND	
50 Chlorobromomethane	128		8.763					ND	
51 Tetrahydrofuran	42		8.787					ND	
52 1,1,1-Trichloroethane	97		9.061					ND	
54 Cyclohexane	56		9.128					ND	
53 Isobutyl alcohol	43		9.201					ND	
56 1,1-Dichloropropene	75		9.231					ND	
55 Carbon tetrachloride	117		9.268					ND	
140 t-Amyl alcohol	59		9.347					ND	
146 Isooctane	57		9.475					ND	M
58 Tert-amyl methyl ether	73		9.517					ND	
60 1,2-Dichloroethane	62		9.535					ND	
59 n-Heptane	43	9.639	9.639	0.000	42	4307		0.2054	
66 2-Methylthiophene	97		9.687					ND	
67 3-Methylthiophene	97		9.894					ND	
61 n-Butanol	56		10.004					ND	
145 Ethyl acrylate	55		10.247					ND	
62 Trichloroethene	95		10.265					ND	M
65 Methyl methacrylate	41		10.551					ND	
63 1,2-Dichloropropane	63		10.576					ND	
68 1,4-Dioxane	88		10.697					ND	
69 Dibromomethane	93		10.764					ND	
70 Dichlorobromomethane	83		10.904					ND	
71 2-Chloroethyl vinyl ether	63		11.166					ND	
72 2-Nitropropane	43		11.178					ND	
74 Epichlorohydrin	57		11.336					ND	
73 cis-1,3-Dichloropropene	75		11.439					ND	
75 4-Methyl-2-pentanone (MIBK)	43		11.549					ND	
76 Toluene	92		11.884					ND	
77 Ethyl methacrylate	69		12.115					ND	
78 trans-1,3-Dichloropropene	75		12.145					ND	
79 1,1,2-Trichloroethane	83		12.425					ND	
83 2-Hexanone	43		12.638					ND	
82 1,3-Dichloropropane	76		12.662					ND	
149 n-Butyl acetate	43		12.729					ND	
81 Chlorodibromomethane	129		13.009					ND	
85 Ethylene Dibromide	107		13.204					ND	
84 3-Chlorobenzotrifluoride	180		13.605					ND	
139 1-Chlorohexane	55		13.624					ND	
86 4-Chlorobenzotrifluoride	180		13.678					ND	
87 Chlorobenzene	112		13.800					ND	
88 1,1,1,2-Tetrachloroethane	131		13.879					ND	
91 2-Chlorobenzotrifluoride	180		14.853					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
92 Bromoform	173		14.925					ND	
96 Cyclohexanone	55		15.242					ND	
97 1,1,2,2-Tetrachloroethane	83		15.418					ND	
98 trans-1,4-Dichloro-2-buten	53		15.479					ND	
101 1,2,3-Trichloropropane	110		15.515					ND	
103 2-Chlorotoluene	126		15.716					ND	
108 Pentachloroethane	167		16.276					ND	
114 Dicyclopentadiene	66		16.799					ND	
143 Benzyl chloride	126		16.933					ND	
117 1,2-Dibromo-3-Chloropropan	75		18.241					ND	
120 Hexachlorobutadiene	225	19.482	19.464	0.018	1	1530		0.1903	M
142 2-Methylnaphthalene	142	21.526	21.520	0.006	1	3610		0.0747	
138 Ethylene oxide TIC	1		0.000					ND	
136 Propene oxide TIC	1		0.000					ND	
137 1-Bromopropane TIC	1		0.000					ND	
135 Pentachloroethane TIC	1		0.000					ND	
134 Halothane	1		0.000					ND	
S 124 1,3-Dichloropropene, Total	1		30.000					ND	
S 125 Total BTEX	1		30.000					ND	
S 126 Xylenes, Total	1		30.000					ND	
S 123 1,2-Dichloroethene, Total	1		30.000					ND	
T 150 1-Chloro-1-fluoroethane TI	47		5.300					ND	
T 132 tert-amyl alcohol TIC	1		0.000					ND	
T 7 Ethylene oxide	1		0.000					ND	
T 127 Ethanol TIC	45		0.000					ND	
T 133 Aziridine TIC	1		0.000					ND	
T 131 1-Bromopropane	1		0.000					ND	
T 130 Bromoethane TIC	1		0.000					ND	
T 129 bis(chloromethyl)ether TIC	1		0.000					ND	
T 9 bis(2-chloromethyl)ether T	1		0.000					ND	
T 128 Hexachloroethane TIC	201		0.000					ND	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

P 8260 IS_00195

Amount Added: 1.25

Units: uL

Run Reagent

P 8260 Surr_00207

Amount Added: 1.25

Units: uL

Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22214.D

Injection Date: 25-Jan-2017 11:18:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: MB

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

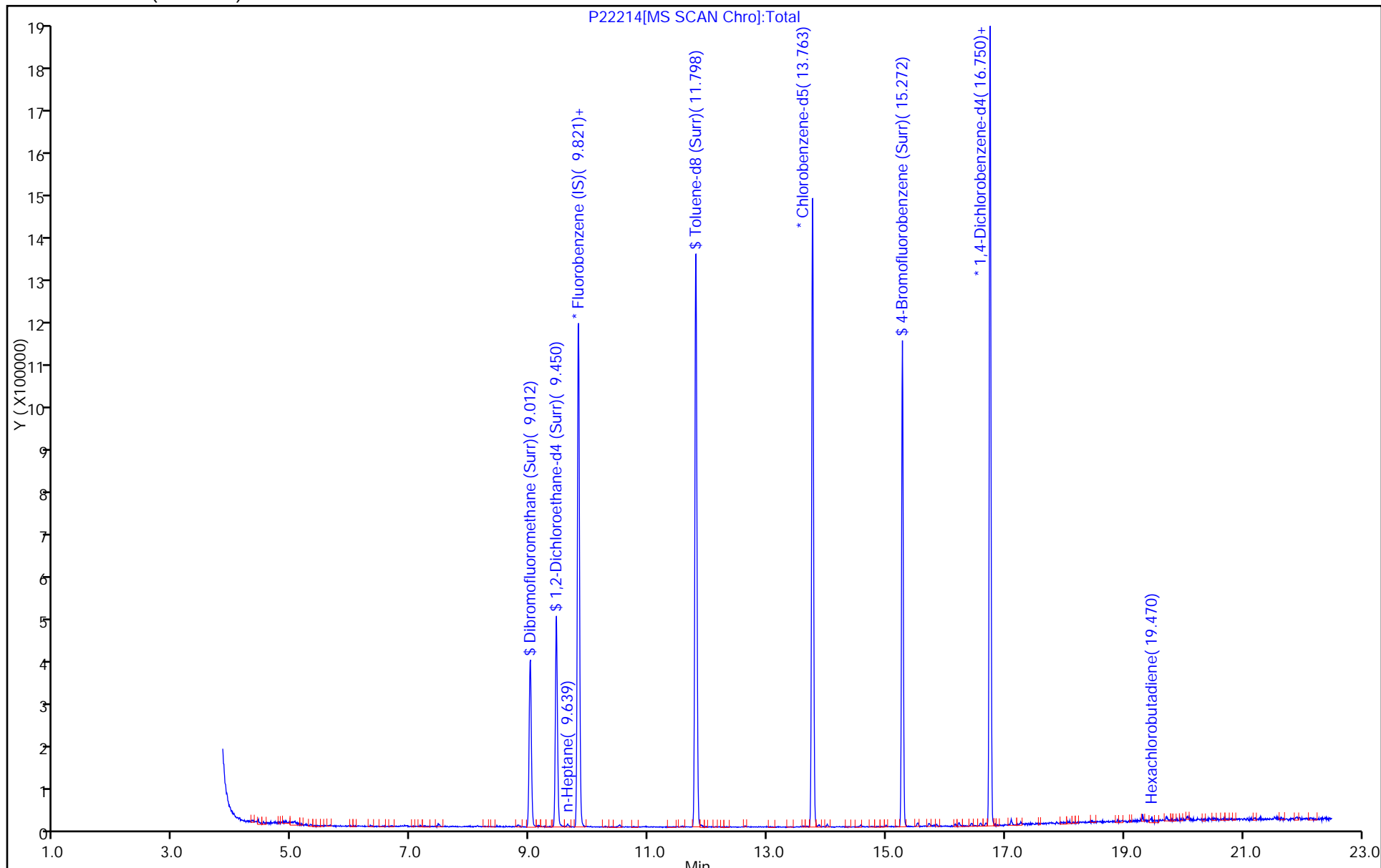
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-340386/5
 Matrix: Water Lab File ID: P22061.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/17/2017 19:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	25.6		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	22.6		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	27.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	25.2		1.0	0.23
75-34-3	1,1-Dichloroethane	25.2		1.0	0.38
75-35-4	1,1-Dichloroethene	25.2		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	22.5		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.0	0.39
106-93-4	1,2-Dibromoethane	25.4		1.0	0.73
95-50-1	1,2-Dichlorobenzene	23.0		1.0	0.79
107-06-2	1,2-Dichloroethane	26.2		1.0	0.21
78-87-5	1,2-Dichloropropane	25.2		1.0	0.72
541-73-1	1,3-Dichlorobenzene	23.5		1.0	0.78
106-46-7	1,4-Dichlorobenzene	23.4		1.0	0.84
78-93-3	2-Butanone (MEK)	137		10	1.3
591-78-6	2-Hexanone	131		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	123		5.0	2.1
67-64-1	Acetone	178		10	3.0
71-43-2	Benzene	25.1		1.0	0.41
75-27-4	Bromodichloromethane	27.0		1.0	0.39
75-25-2	Bromoform	23.6		1.0	0.26
74-83-9	Bromomethane	38.1		1.0	0.69
75-15-0	Carbon disulfide	22.9		1.0	0.19
56-23-5	Carbon tetrachloride	27.4		1.0	0.27
108-90-7	Chlorobenzene	24.9		1.0	0.75
75-00-3	Chloroethane	28.3		1.0	0.32
67-66-3	Chloroform	25.3		1.0	0.34
74-87-3	Chloromethane	25.1		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	25.4		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	26.0		1.0	0.36
110-82-7	Cyclohexane	25.3		1.0	0.18
124-48-1	Dibromochloromethane	26.8		1.0	0.32
75-71-8	Dichlorodifluoromethane	30.7		1.0	0.68
100-41-4	Ethylbenzene	25.2		1.0	0.74
98-82-8	Isopropylbenzene	23.3		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-340386/5
 Matrix: Water Lab File ID: P22061.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/17/2017 19:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	123		2.5	1.3
1634-04-4	Methyl tert-butyl ether	25.2		1.0	0.16
108-87-2	Methylcyclohexane	24.4		1.0	0.16
75-09-2	Methylene Chloride	26.4		1.0	0.44
100-42-5	Styrene	24.5		1.0	0.73
127-18-4	Tetrachloroethene	26.5		1.0	0.36
108-88-3	Toluene	24.4		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	24.8		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	26.4		1.0	0.37
79-01-6	Trichloroethene	24.6		1.0	0.46
75-69-4	Trichlorofluoromethane	27.1		1.0	0.88
75-01-4	Vinyl chloride	25.6		1.0	0.90
1330-20-7	Xylenes, Total	50.2		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22061.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 17-Jan-2017 19:58:30 ALS Bottle#: 35 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 480-0059829-005
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 17-Jan-2017 20:28:07 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK004

First Level Reviewer: reiler

Date: 17-Jan-2017 20:28:07

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	99	111004	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.763	13.757	0.006	85	243489	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.751	-0.001	92	333912	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	95	156657	25.0	26.4	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	89214	25.0	26.2	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.792	0.006	94	524288	25.0	24.7	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	222816	25.0	25.7	
10 Dichlorodifluoromethane	85	3.993	3.981	0.012	99	218759	25.0	30.7	
11 Chloromethane	50	4.297	4.285	0.012	99	182140	25.0	25.1	
17 Vinyl chloride	62	4.529	4.516	0.013	98	142374	25.0	25.6	
144 Butadiene	54	4.547	4.535	0.012	85	145838	25.0	24.4	
12 Bromomethane	94	5.076	5.064	0.012	90	167965	25.0	38.1	
13 Chloroethane	64	5.210	5.198	0.012	97	143878	25.0	28.3	
19 Dichlorofluoromethane	67	5.496	5.484	0.012	97	343158	25.0	27.3	
14 Trichlorofluoromethane	101	5.611	5.599	0.012	97	298290	25.0	27.1	
20 Ethyl ether	59	5.897	5.891	0.006	99	199754	25.0	23.4	
22 Acrolein	56	6.153	6.141	0.012	99	266880	125.0	157.8	
16 1,1,2-Trichloro-1,2,2-trif	101	6.250	6.238	0.012	89	197370	25.0	27.2	
25 1,1-Dichloroethene	96	6.293	6.281	0.012	94	178428	25.0	25.2	
24 Acetone	43	6.323	6.317	0.006	100	608083	125.0	178.1	
18 Iodomethane	142	6.560	6.548	0.012	99	389227	25.0	24.9	
27 Carbon disulfide	76	6.682	6.670	0.012	100	499857	25.0	22.9	M
30 Methyl acetate	43	6.700	6.688	0.012	100	1226722	125.0	122.5	
28 3-Chloro-1-propene	41	6.737	6.725	0.012	84	381659	25.0	24.1	
31 Methylene Chloride	84	6.913	6.901	0.012	94	222363	25.0	26.4	
33 2-Methyl-2-propanol	59	6.925	6.926	-0.001	98	393214	250.0	255.1	
32 Methyl tert-butyl ether	73	7.169	7.157	0.012	98	563545	25.0	25.2	
34 Acrylonitrile	53	7.199	7.187	0.012	99	1301664	250.0	243.4	
35 trans-1,2-Dichloroethene	96	7.236	7.224	0.012	94	195144	25.0	24.8	
36 Hexane	57	7.467	7.455	0.012	93	298548	25.0	24.8	
38 Vinyl acetate	43	7.704	7.692	0.012	97	1161946	50.0	50.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
40 1,1-Dichloroethane	63	7.753	7.747	0.006	97	375809	25.0	25.2	
44 2-Butanone (MEK)	43	8.398	8.392	0.006	98	882490	125.0	137.1	
43 cis-1,2-Dichloroethene	96	8.452	8.440	0.012	85	226979	25.0	25.4	
45 2,2-Dichloropropane	77	8.446	8.446	0.000	55	252476	25.0	26.1	
50 Chlorobromomethane	128	8.769	8.757	0.012	95	121727	25.0	25.5	
51 Tetrahydrofuran	42	8.799	8.787	0.012	93	206499	50.0	45.3	
49 Chloroform	83	8.805	8.793	0.012	95	341607	25.0	25.3	
52 1,1,1-Trichloroethane	97	9.067	9.055	0.012	98	296987	25.0	25.6	
54 Cyclohexane	56	9.134	9.128	0.006	92	435945	25.0	25.3	
53 Isobutyl alcohol	43	9.213	9.207	0.006	97	444833	625.0	643.0	
56 1,1-Dichloropropene	75	9.243	9.231	0.012	93	233551	25.0	26.2	
55 Carbon tetrachloride	117	9.268	9.262	0.006	95	269498	25.0	27.4	
57 Benzene	78	9.523	9.511	0.012	98	664643	25.0	25.1	
60 1,2-Dichloroethane	62	9.541	9.535	0.006	96	326006	25.0	26.2	
59 n-Heptane	43	9.645	9.639	0.006	96	263630	25.0	22.6	
62 Trichloroethene	95	10.271	10.265	0.006	93	196136	25.0	24.6	
64 Methylcyclohexane	83	10.509	10.503	0.006	97	281497	25.0	24.4	
63 1,2-Dichloropropane	63	10.582	10.576	0.006	95	211095	25.0	25.2	
68 1,4-Dioxane	88	10.703	10.691	0.012	96	56516	500.0	573.0	
69 Dibromomethane	93	10.770	10.764	0.006	90	133246	25.0	26.3	
70 Dichlorobromomethane	83	10.910	10.904	0.006	98	244159	25.0	27.0	
71 2-Chloroethyl vinyl ether	63	11.172	11.166	0.006	93	152932	25.0	24.0	
73 cis-1,3-Dichloropropene	75	11.446	11.440	0.006	92	281969	25.0	26.0	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.549	0.006	97	1623482	125.0	123.2	
76 Toluene	92	11.890	11.884	0.006	98	432587	25.0	24.4	
77 Ethyl methacrylate	69	12.121	12.115	0.006	94	242221	25.0	24.7	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	92	273013	25.0	26.4	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	93	155246	25.0	25.2	
80 Tetrachloroethene	166	12.632	12.626	0.006	96	238678	25.0	26.5	
83 2-Hexanone	43	12.638	12.638	0.000	97	1173183	125.0	131.0	
82 1,3-Dichloropropane	76	12.668	12.662	0.006	97	289478	25.0	25.4	
81 Chlorodibromomethane	129	13.009	13.009	0.000	90	219964	25.0	26.8	
85 Ethylene Dibromide	107	13.210	13.204	0.006	99	218283	25.0	25.4	
87 Chlorobenzene	112	13.800	13.800	0.000	96	565379	25.0	24.9	
89 Ethylbenzene	91	13.867	13.867	0.000	98	805108	25.0	25.2	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.879	0.000	94	222665	25.0	26.8	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	356002	25.0	25.3	
93 o-Xylene	106	14.554	14.554	0.000	94	354392	25.0	24.9	
94 Styrene	104	14.573	14.573	0.000	93	542385	25.0	24.5	
92 Bromoform	173	14.925	14.925	0.000	98	181530	25.0	23.6	
95 Isopropylbenzene	105	14.998	14.998	0.000	95	844891	25.0	23.3	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.418	0.006	97	275315	25.0	22.6	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	82	105390	25.0	23.5	
101 1,2,3-Trichloropropane	110	15.515	15.516	-0.001	69	91509	25.0	24.2	
100 Bromobenzene	156	15.515	15.516	-0.001	87	299873	25.0	24.6	
99 N-Propylbenzene	91	15.528	15.528	0.000	98	956682	25.0	23.7	
103 2-Chlorotoluene	126	15.716	15.716	0.000	97	247175	25.0	24.0	
102 1,3,5-Trimethylbenzene	105	15.728	15.722	0.006	97	713827	25.0	23.6	
105 4-Chlorotoluene	126	15.850	15.844	0.006	96	250239	25.0	23.4	
106 tert-Butylbenzene	134	16.166	16.160	0.006	91	182215	25.0	23.2	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	95	757836	25.0	23.0	
109 sec-Butylbenzene	105	16.434	16.434	0.000	94	897840	25.0	23.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	882050	25.0	23.3	
110 1,3-Dichlorobenzene	146	16.677	16.671	0.006	99	523290	25.0	23.5	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	96	523279	25.0	23.4	
115 n-Butylbenzene	91	17.103	17.103	0.000	97	665712	25.0	23.0	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	98	514776	25.0	23.0	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	91	56928	25.0	21.1	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	426239	25.0	22.5	
120 Hexachlorobutadiene	225	19.464	19.470	-0.006	93	174778	25.0	24.1	
121 Naphthalene	128	19.713	19.707	0.006	97	1058889	25.0	20.6	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	95	395635	25.0	22.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00089	Amount Added: 12.50	Units: uL	
GAS CORP mix_00200	Amount Added: 12.50	Units: uL	
P 8260 IS_00195	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr_00207	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22061.D

Injection Date: 17-Jan-2017 19:58:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: LCS

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

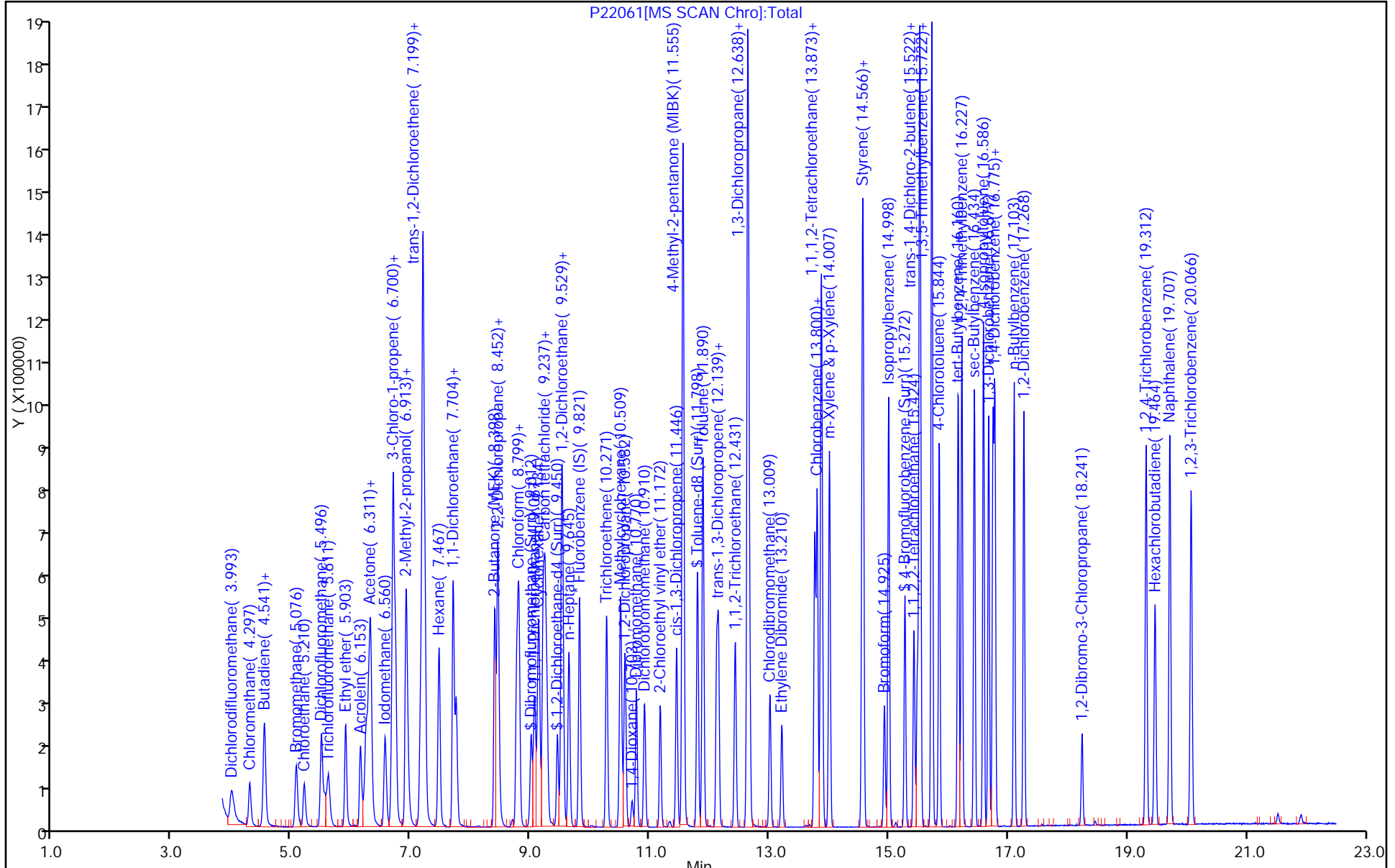
Dil. Factor: 1.0000

ALS Bottle#: 35

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo

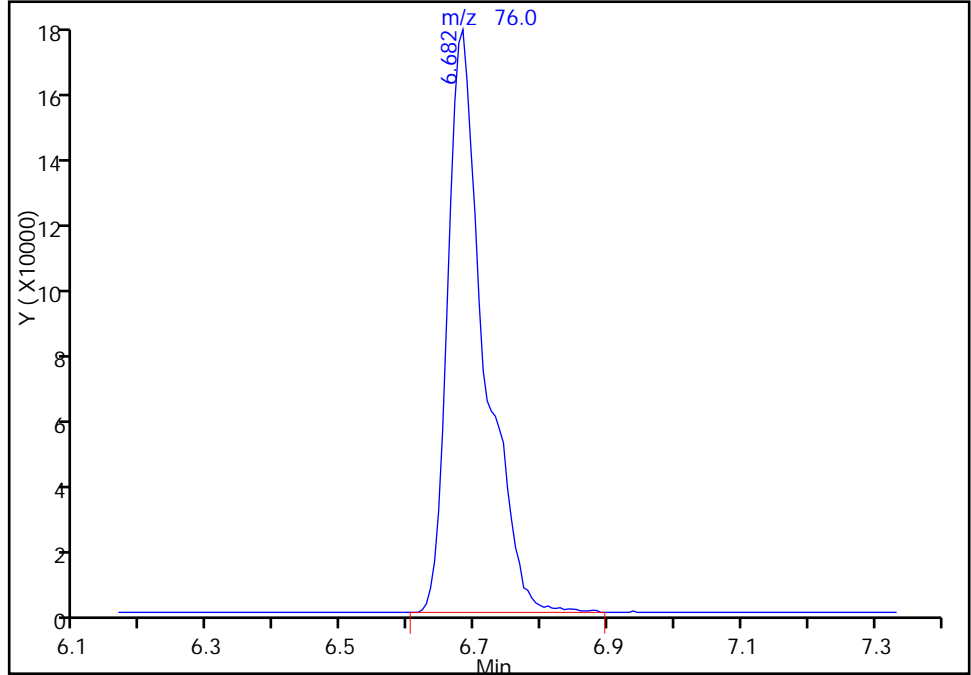
Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22061.D
Injection Date: 17-Jan-2017 19:58:30 Instrument ID: HP5973P
Lims ID: LCS
Client ID:
Operator ID: RR ALS Bottle#: 35 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: P-8260H2O Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector: MS SCAN

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

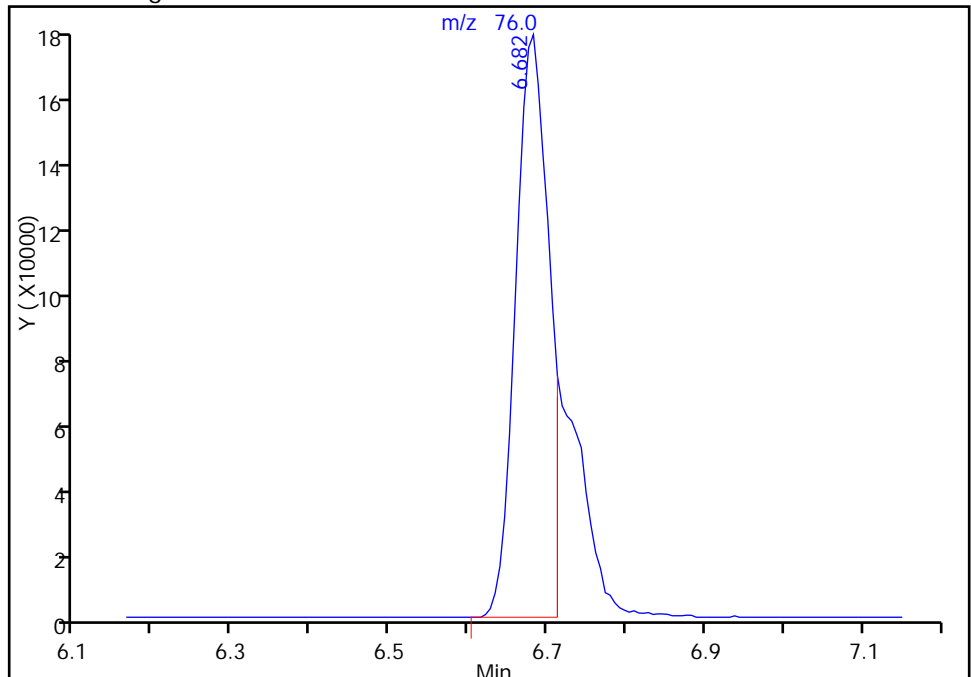
RT: 6.68
Area: 650972
Amount: 29.806734
Amount Units: ug/L

Processing Integration Results



RT: 6.68
Area: 499857
Amount: 22.887474
Amount Units: ug/L

Manual Integration Results



Reviewer: reiler, 17-Jan-2017 20:28:07
Audit Action: Split an Integrated Peak

Audit Reason: Poor chromatography

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-340437/4
 Matrix: Water Lab File ID: N2580.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 09:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.0		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.2		1.0	0.23
75-34-3	1,1-Dichloroethane	21.1		1.0	0.38
75-35-4	1,1-Dichloroethene	20.6		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	22.3		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1.0	0.39
106-93-4	1,2-Dibromoethane	22.0		1.0	0.73
95-50-1	1,2-Dichlorobenzene	23.7		1.0	0.79
107-06-2	1,2-Dichloroethane	21.3		1.0	0.21
78-87-5	1,2-Dichloropropane	21.3		1.0	0.72
541-73-1	1,3-Dichlorobenzene	22.9		1.0	0.78
106-46-7	1,4-Dichlorobenzene	23.9		1.0	0.84
78-93-3	2-Butanone (MEK)	83.3		10	1.3
591-78-6	2-Hexanone	87.0		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	89.8		5.0	2.1
67-64-1	Acetone	81.5		10	3.0
71-43-2	Benzene	21.9		1.0	0.41
75-27-4	Bromodichloromethane	21.2		1.0	0.39
75-25-2	Bromoform	20.2		1.0	0.26
74-83-9	Bromomethane	23.3		1.0	0.69
75-15-0	Carbon disulfide	19.5		1.0	0.19
56-23-5	Carbon tetrachloride	20.9		1.0	0.27
108-90-7	Chlorobenzene	22.2		1.0	0.75
75-00-3	Chloroethane	22.3		1.0	0.32
67-66-3	Chloroform	22.8		1.0	0.34
74-87-3	Chloromethane	19.8		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	22.3		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	22.0		1.0	0.36
110-82-7	Cyclohexane	18.7		1.0	0.18
124-48-1	Dibromochloromethane	21.9		1.0	0.32
75-71-8	Dichlorodifluoromethane	20.3		1.0	0.68
100-41-4	Ethylbenzene	21.8		1.0	0.74
98-82-8	Isopropylbenzene	22.5		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-340437/4
 Matrix: Water Lab File ID: N2580.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 09:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	83.3		2.5	1.3
1634-04-4	Methyl tert-butyl ether	20.8		1.0	0.16
108-87-2	Methylcyclohexane	19.6		1.0	0.16
75-09-2	Methylene Chloride	22.2		1.0	0.44
100-42-5	Styrene	22.2		1.0	0.73
127-18-4	Tetrachloroethene	22.7		1.0	0.36
108-88-3	Toluene	22.6		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	21.8		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	22.2		1.0	0.37
79-01-6	Trichloroethene	22.3		1.0	0.46
75-69-4	Trichlorofluoromethane	23.1		1.0	0.88
75-01-4	Vinyl chloride	23.4		1.0	0.90
1330-20-7	Xylenes, Total	44.5		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2580.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 18-Jan-2017 09:47:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 480-0059834-004
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 10:05:01 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: archern

Date: 18-Jan-2017 10:22:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.522	0.006	99	96371	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	82	340147	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	180380	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.926	0.006	95	116580	25.0	24.1	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	122302	25.0	23.2	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	91	423802	25.0	24.4	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	95	140283	25.0	23.8	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	99	93997	25.0	20.3	
13 Chloromethane	50	1.525	1.525	0.000	99	163040	25.0	19.8	
14 Vinyl chloride	62	1.634	1.634	0.000	97	153966	25.0	23.4	
144 Butadiene	54	1.659	1.659	0.000	87	161233	25.0	19.2	
15 Bromomethane	94	1.926	1.926	0.000	88	68105	25.0	23.3	
16 Chloroethane	64	2.036	2.036	0.000	99	82184	25.0	22.3	
17 Dichlorofluoromethane	67	2.255	2.255	0.000	96	183868	25.0	21.8	
18 Trichlorofluoromethane	101	2.267	2.273	-0.006	67	144562	25.0	23.1	
19 Ethyl ether	59	2.559	2.559	0.000	91	128995	25.0	23.8	
20 Acrolein	56	2.717	2.711	0.006	99	105596	125.0	76.2	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	98	112075	25.0	20.6	
21 1,1,2-Trichloro-1,2,2-trif	101	2.784	2.778	0.006	73	108381	25.0	20.9	
23 Acetone	43	2.869	2.863	0.006	100	158795	125.0	81.5	
24 Iodomethane	142	2.924	2.924	0.000	96	224053	25.0	23.2	
25 Carbon disulfide	76	2.967	2.967	0.000	99	346300	25.0	19.5	
27 3-Chloro-1-propene	41	3.137	3.131	0.006	94	210022	25.0	20.9	
28 Methyl acetate	43	3.173	3.174	-0.001	98	458835	125.0	83.3	
30 Methylene Chloride	84	3.265	3.265	0.000	96	139086	25.0	22.2	
31 2-Methyl-2-propanol	59	3.423	3.417	0.006	100	135928	250.0	163.4	
32 Methyl tert-butyl ether	73	3.502	3.496	0.006	96	362339	25.0	20.8	
33 trans-1,2-Dichloroethene	96	3.514	3.508	0.006	98	128031	25.0	21.8	
34 Acrylonitrile	53	3.532	3.526	0.006	99	527061	250.0	182.0	
35 Hexane	57	3.733	3.727	0.006	90	176917	25.0	17.9	
36 1,1-Dichloroethane	63	3.916	3.916	0.000	95	226952	25.0	21.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 Vinyl acetate	43	3.970	3.971	-0.001	97	528124	50.0	37.9	
42 2,2-Dichloropropane	77	4.445	4.445	0.000	91	133084	25.0	22.8	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	81	141190	25.0	22.3	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	99	257230	125.0	83.3	
47 Chlorobromomethane	128	4.700	4.694	0.006	96	70544	25.0	22.5	
49 Tetrahydrofuran	42	4.731	4.725	0.006	86	70849	50.0	29.8	
50 Chloroform	83	4.779	4.774	0.005	93	206525	25.0	22.8	
51 1,1,1-Trichloroethane	97	4.907	4.907	0.000	98	159264	25.0	22.0	
52 Cyclohexane	56	4.932	4.938	-0.006	91	208970	25.0	18.7	
53 Carbon tetrachloride	117	5.053	5.053	0.000	81	138173	25.0	20.9	
54 1,1-Dichloropropene	75	5.059	5.060	-0.001	95	157181	25.0	22.2	
56 Isobutyl alcohol	43	5.242	5.242	0.000	94	136919	625.0	372.6	
55 Benzene	78	5.260	5.260	0.000	97	486950	25.0	21.9	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	96	150672	25.0	21.3	
59 n-Heptane	43	5.467	5.467	0.000	92	159387	25.0	16.7	
60 Trichloroethene	95	5.875	5.869	0.006	94	119966	25.0	22.3	
62 Methylcyclohexane	83	6.008	6.015	-0.007	91	191650	25.0	19.6	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	98	121136	25.0	21.3	
64 Dibromomethane	93	6.227	6.228	-0.001	91	68717	25.0	21.8	
66 1,4-Dioxane	88	6.240	6.234	0.006	45	24198	500.0	438.9	
67 Dichlorobromomethane	83	6.379	6.380	-0.001	99	138078	25.0	21.2	
69 2-Chloroethyl vinyl ether	63	6.665	6.659	0.006	92	71038	25.0	19.2	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	97	183500	25.0	22.0	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	232956	125.0	89.8	
73 Toluene	92	7.103	7.110	-0.007	99	289715	25.0	22.6	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	92	153705	25.0	22.2	
77 Ethyl methacrylate	69	7.426	7.426	0.000	90	132830	25.0	20.2	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	89	79844	25.0	21.2	
79 Tetrachloroethene	166	7.651	7.651	0.000	96	130840	25.0	22.7	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	91	162673	25.0	21.5	
82 2-Hexanone	43	7.785	7.785	0.000	95	369178	125.0	87.0	
83 Chlorodibromomethane	129	7.955	7.955	0.000	90	104337	25.0	21.9	
84 Ethylene Dibromide	107	8.065	8.059	0.006	99	102003	25.0	22.0	
85 Chlorobenzene	112	8.551	8.551	0.000	96	318965	25.0	22.2	
89 1,1,1,2-Tetrachloroethane	131	8.649	8.649	0.000	93	115587	25.0	22.8	
88 Ethylbenzene	91	8.649	8.655	-0.006	97	496930	25.0	21.8	
90 m-Xylene & p-Xylene	106	8.776	8.777	-0.001	0	207250	25.0	22.1	
91 o-Xylene	106	9.202	9.202	0.000	94	208981	25.0	22.4	
92 Styrene	104	9.227	9.227	0.000	95	343760	25.0	22.2	
93 Bromoform	173	9.452	9.458	-0.006	98	63466	25.0	20.2	
95 Isopropylbenzene	105	9.586	9.586	0.000	95	528136	25.0	22.5	
97 Bromobenzene	156	9.920	9.920	0.000	88	144909	25.0	23.2	
98 1,1,2,2-Tetrachloroethane	83	9.957	9.957	0.000	94	118804	25.0	20.5	
99 1,2,3-Trichloropropane	110	9.987	9.987	0.000	85	37600	25.0	21.8	
101 trans-1,4-Dichloro-2-buten	53	9.999	10.005	-0.006	80	33658	25.0	23.2	
100 N-Propylbenzene	91	10.011	10.012	-0.001	99	589896	25.0	22.5	
102 2-Chlorotoluene	126	10.109	10.109	0.000	98	126478	25.0	22.6	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	94	440605	25.0	22.5	
105 4-Chlorotoluene	91	10.218	10.218	0.000	96	405897	25.0	22.6	
106 tert-Butylbenzene	134	10.504	10.504	0.000	92	98409	25.0	21.3	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	96	449730	25.0	22.8	
109 sec-Butylbenzene	105	10.717	10.717	0.000	93	567450	25.0	23.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	98	273434	25.0	22.9	
111 4-Isopropyltoluene	119	10.857	10.857	0.000	97	480012	25.0	22.4	
113 1,4-Dichlorobenzene	146	10.924	10.924	0.000	96	286627	25.0	23.9	
115 n-Butylbenzene	91	11.240	11.240	0.000	97	413493	25.0	22.5	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	268646	25.0	23.7	
117 1,2-Dibromo-3-Chloropropan	75	11.995	11.989	0.006	90	17467	25.0	19.0	
119 1,2,4-Trichlorobenzene	180	12.682	12.688	-0.006	93	173885	25.0	22.3	
120 Hexachlorobutadiene	225	12.804	12.810	-0.006	97	67430	25.0	19.7	
121 Naphthalene	128	12.895	12.895	0.000	96	368160	25.0	19.2	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	97	144538	25.0	20.4	

Reagents:

8260 CORP mix_00090	Amount Added: 12.50	Units: uL	
GAS CORP mix_00200	Amount Added: 12.50	Units: uL	
N 8260 IS_00053	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00236	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2580.D

Injection Date: 18-Jan-2017 09:47:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

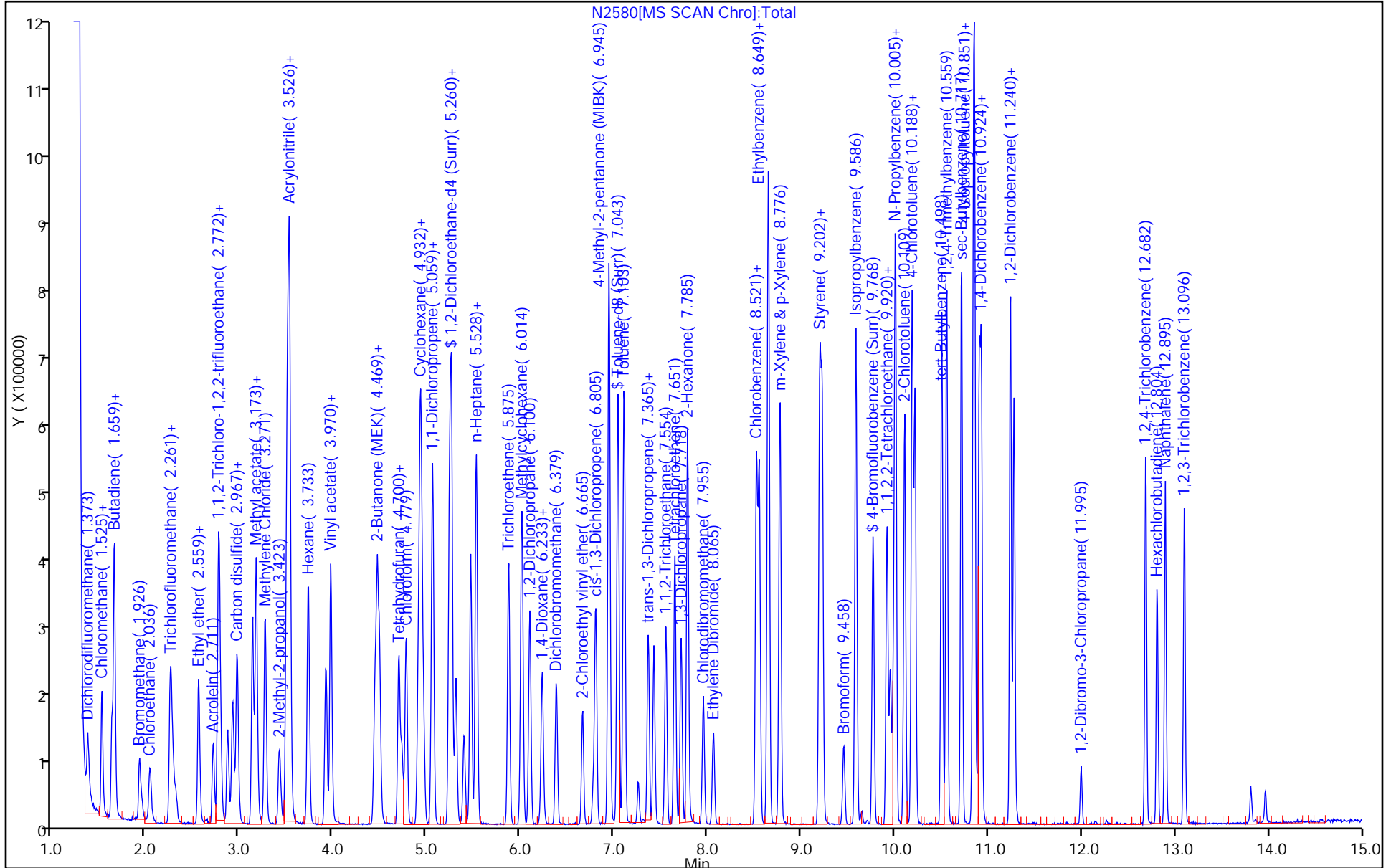
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-340630/4
 Matrix: Water Lab File ID: N2622.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 10:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.6		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	22.2		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.9		1.0	0.23
75-34-3	1,1-Dichloroethane	21.7		1.0	0.38
75-35-4	1,1-Dichloroethene	21.4		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	22.5		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	20.6		1.0	0.39
106-93-4	1,2-Dibromoethane	23.2		1.0	0.73
95-50-1	1,2-Dichlorobenzene	23.8		1.0	0.79
107-06-2	1,2-Dichloroethane	23.5		1.0	0.21
78-87-5	1,2-Dichloropropane	23.2		1.0	0.72
541-73-1	1,3-Dichlorobenzene	23.2		1.0	0.78
106-46-7	1,4-Dichlorobenzene	24.4		1.0	0.84
78-93-3	2-Butanone (MEK)	104		10	1.3
591-78-6	2-Hexanone	97.5		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	96.9		5.0	2.1
67-64-1	Acetone	107		10	3.0
71-43-2	Benzene	22.9		1.0	0.41
75-27-4	Bromodichloromethane	22.2		1.0	0.39
75-25-2	Bromoform	21.2		1.0	0.26
74-83-9	Bromomethane	26.9		1.0	0.69
75-15-0	Carbon disulfide	20.0		1.0	0.19
56-23-5	Carbon tetrachloride	22.1		1.0	0.27
108-90-7	Chlorobenzene	22.9		1.0	0.75
75-00-3	Chloroethane	24.2		1.0	0.32
67-66-3	Chloroform	24.0		1.0	0.34
74-87-3	Chloromethane	20.2		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	23.3		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	23.2		1.0	0.36
110-82-7	Cyclohexane	19.4		1.0	0.18
124-48-1	Dibromochloromethane	22.6		1.0	0.32
75-71-8	Dichlorodifluoromethane	22.8		1.0	0.68
100-41-4	Ethylbenzene	22.8		1.0	0.74
98-82-8	Isopropylbenzene	23.5		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-340630/4
 Matrix: Water Lab File ID: N2622.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 10:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	93.9		2.5	1.3
1634-04-4	Methyl tert-butyl ether	21.9		1.0	0.16
108-87-2	Methylcyclohexane	21.2		1.0	0.16
75-09-2	Methylene Chloride	21.6		1.0	0.44
100-42-5	Styrene	23.5		1.0	0.73
127-18-4	Tetrachloroethene	22.8		1.0	0.36
108-88-3	Toluene	22.9		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	21.7		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	22.4		1.0	0.37
79-01-6	Trichloroethene	24.0		1.0	0.46
75-69-4	Trichlorofluoromethane	23.7		1.0	0.88
75-01-4	Vinyl chloride	23.6		1.0	0.90
1330-20-7	Xylenes, Total	46.9		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2622.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 19-Jan-2017 10:19:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 480-0059868-004
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-Jan-2017 11:04:43 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: archern

Date: 19-Jan-2017 11:04:43

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	93442	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	350009	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	185759	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	4.932	4.932	0.000	93	117599	25.0	25.1	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	128273	25.0	25.1	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	436880	25.0	24.4	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	96	145388	25.0	24.0	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	99	102794	25.0	22.8	
13 Chloromethane	50	1.525	1.519	0.006	98	161188	25.0	20.2	
14 Vinyl chloride	62	1.635	1.628	0.007	97	150702	25.0	23.6	
144 Butadiene	54	1.659	1.659	0.000	87	166830	25.0	20.5	
15 Bromomethane	94	1.933	1.932	0.001	90	76117	25.0	26.9	
16 Chloroethane	64	2.042	2.042	0.000	100	86719	25.0	24.2	
17 Dichlorofluoromethane	67	2.261	2.255	0.006	97	186738	25.0	22.8	
18 Trichlorofluoromethane	101	2.285	2.273	0.012	98	143865	25.0	23.7	
19 Ethyl ether	59	2.559	2.553	0.006	92	131884	25.0	25.1	
20 Acrolein	56	2.711	2.705	0.006	98	98666	125.0	73.4	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	97	113315	25.0	21.4	
21 1,1,2-Trichloro-1,2,2-trif	101	2.778	2.784	-0.006	66	111039	25.0	22.1	
23 Acetone	43	2.869	2.863	0.006	100	202333	125.0	107.1	
24 Iodomethane	142	2.924	2.918	0.006	96	210313	25.0	22.4	
25 Carbon disulfide	76	2.973	2.967	0.006	99	344592	25.0	20.0	
27 3-Chloro-1-propene	41	3.137	3.131	0.006	93	205548	25.0	21.1	
28 Methyl acetate	43	3.174	3.167	0.007	98	501888	125.0	93.9	
30 Methylene Chloride	84	3.271	3.265	0.006	96	131099	25.0	21.6	
31 2-Methyl-2-propanol	59	3.423	3.423	0.000	99	154356	250.0	191.4	
32 Methyl tert-butyl ether	73	3.502	3.496	0.006	95	371071	25.0	21.9	
33 trans-1,2-Dichloroethene	96	3.514	3.508	0.006	97	123561	25.0	21.7	
34 Acrylonitrile	53	3.527	3.526	0.001	100	558404	250.0	198.9	
35 Hexane	57	3.733	3.727	0.006	89	185529	25.0	19.3	
36 1,1-Dichloroethane	63	3.916	3.916	0.000	96	226908	25.0	21.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 Vinyl acetate	43	3.971	3.970	0.001	97	563722	50.0	41.7	
42 2,2-Dichloropropane	77	4.445	4.445	0.000	88	127214	25.0	22.5	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	81	142875	25.0	23.3	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	100	312693	125.0	104.4	
47 Chlorobromomethane	128	4.701	4.700	0.001	95	72152	25.0	23.7	
49 Tetrahydrofuran	42	4.731	4.725	0.006	91	80787	50.0	35.0	
50 Chloroform	83	4.780	4.773	0.007	93	211117	25.0	24.0	
51 1,1,1-Trichloroethane	97	4.907	4.907	0.000	99	165884	25.0	23.6	
52 Cyclohexane	56	4.938	4.938	0.000	91	210528	25.0	19.4	
53 Carbon tetrachloride	117	5.054	5.053	0.001	96	141178	25.0	22.1	
54 1,1-Dichloropropene	75	5.060	5.059	0.001	95	152197	25.0	22.1	
56 Isobutyl alcohol	43	5.242	5.236	0.006	94	155432	625.0	436.3	
55 Benzene	78	5.260	5.260	0.000	97	493563	25.0	22.9	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	96	161263	25.0	23.5	
59 n-Heptane	43	5.467	5.467	0.000	92	169626	25.0	18.3	
60 Trichloroethene	95	5.869	5.875	-0.005	94	125049	25.0	24.0	
62 Methylcyclohexane	83	6.015	6.014	0.001	90	201184	25.0	21.2	
63 1,2-Dichloropropane	63	6.100	6.100	0.000	98	128229	25.0	23.2	
64 Dibromomethane	93	6.228	6.227	0.001	91	73433	25.0	24.0	
66 1,4-Dioxane	88	6.246	6.240	0.006	47	25458	500.0	448.7	
67 Dichlorobromomethane	83	6.380	6.379	0.001	98	140021	25.0	22.2	
69 2-Chloroethyl vinyl ether	63	6.660	6.665	-0.005	92	77449	25.0	21.6	
71 cis-1,3-Dichloropropene	75	6.806	6.805	0.001	96	187868	25.0	23.2	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	258772	125.0	96.9	
73 Toluene	92	7.110	7.103	0.007	99	302394	25.0	22.9	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	92	159918	25.0	22.4	
77 Ethyl methacrylate	69	7.426	7.426	0.000	90	148986	25.0	22.0	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	90	84984	25.0	21.9	
79 Tetrachloroethene	166	7.651	7.651	0.000	96	135167	25.0	22.8	
80 1,3-Dichloropropane	76	7.718	7.718	0.000	91	172860	25.0	22.2	
82 2-Hexanone	43	7.785	7.785	0.000	94	425800	125.0	97.5	
83 Chlorodibromomethane	129	7.949	7.955	-0.006	90	110740	25.0	22.6	
84 Ethylene Dibromide	107	8.065	8.059	0.006	98	110475	25.0	23.2	
85 Chlorobenzene	112	8.552	8.551	0.001	96	339094	25.0	22.9	
89 1,1,1,2-Tetrachloroethane	131	8.649	8.643	0.006	94	118829	25.0	22.7	
88 Ethylbenzene	91	8.649	8.649	0.000	97	533540	25.0	22.8	
90 m-Xylene & p-Xylene	106	8.771	8.776	-0.005	0	227635	25.0	23.6	
91 o-Xylene	106	9.196	9.196	0.000	96	223565	25.0	23.3	
92 Styrene	104	9.221	9.227	-0.006	96	373098	25.0	23.5	
93 Bromoform	173	9.458	9.458	0.000	98	68535	25.0	21.2	
95 Isopropylbenzene	105	9.586	9.585	0.001	95	568577	25.0	23.5	
97 Bromobenzene	156	9.920	9.920	0.000	88	159498	25.0	24.8	
98 1,1,2,2-Tetrachloroethane	83	9.951	9.951	0.001	93	132141	25.0	22.2	
99 1,2,3-Trichloropropane	110	9.987	9.987	0.000	85	42235	25.0	23.8	
101 trans-1,4-Dichloro-2-buten	53	10.006	10.005	0.001	68	32797	25.0	21.9	
100 N-Propylbenzene	91	10.006	10.011	-0.005	99	619854	25.0	22.9	
102 2-Chlorotoluene	126	10.109	10.109	0.000	98	142043	25.0	24.7	
104 1,3,5-Trimethylbenzene	105	10.188	10.188	0.000	95	467335	25.0	23.2	
105 4-Chlorotoluene	91	10.218	10.218	0.000	97	436814	25.0	23.6	
106 tert-Butylbenzene	134	10.504	10.504	0.000	91	111048	25.0	23.3	
108 1,2,4-Trimethylbenzene	105	10.559	10.559	0.000	97	482575	25.0	23.8	
109 sec-Butylbenzene	105	10.717	10.717	0.000	93	591357	25.0	23.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	98	284493	25.0	23.2	
111 4-Isopropyltoluene	119	10.851	10.851	0.000	97	516956	25.0	23.4	
113 1,4-Dichlorobenzene	146	10.924	10.930	-0.006	97	301548	25.0	24.4	
115 n-Butylbenzene	91	11.241	11.240	0.000	96	429570	25.0	22.7	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	278076	25.0	23.8	
117 1,2-Dibromo-3-Chloropropan	75	11.989	11.995	-0.006	89	19453	25.0	20.6	
119 1,2,4-Trichlorobenzene	180	12.682	12.682	0.000	95	180491	25.0	22.5	
120 Hexachlorobutadiene	225	12.810	12.810	0.000	96	71692	25.0	20.4	
121 Naphthalene	128	12.895	12.895	0.000	96	397071	25.0	20.1	
122 1,2,3-Trichlorobenzene	180	13.096	13.096	0.000	97	149829	25.0	20.5	

Reagents:

8260 CORP mix_00090	Amount Added: 12.50	Units: uL	
GAS CORP mix_00201	Amount Added: 12.50	Units: uL	
N 8260 IS_00053	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00237	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2622.D

Injection Date: 19-Jan-2017 10:19:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

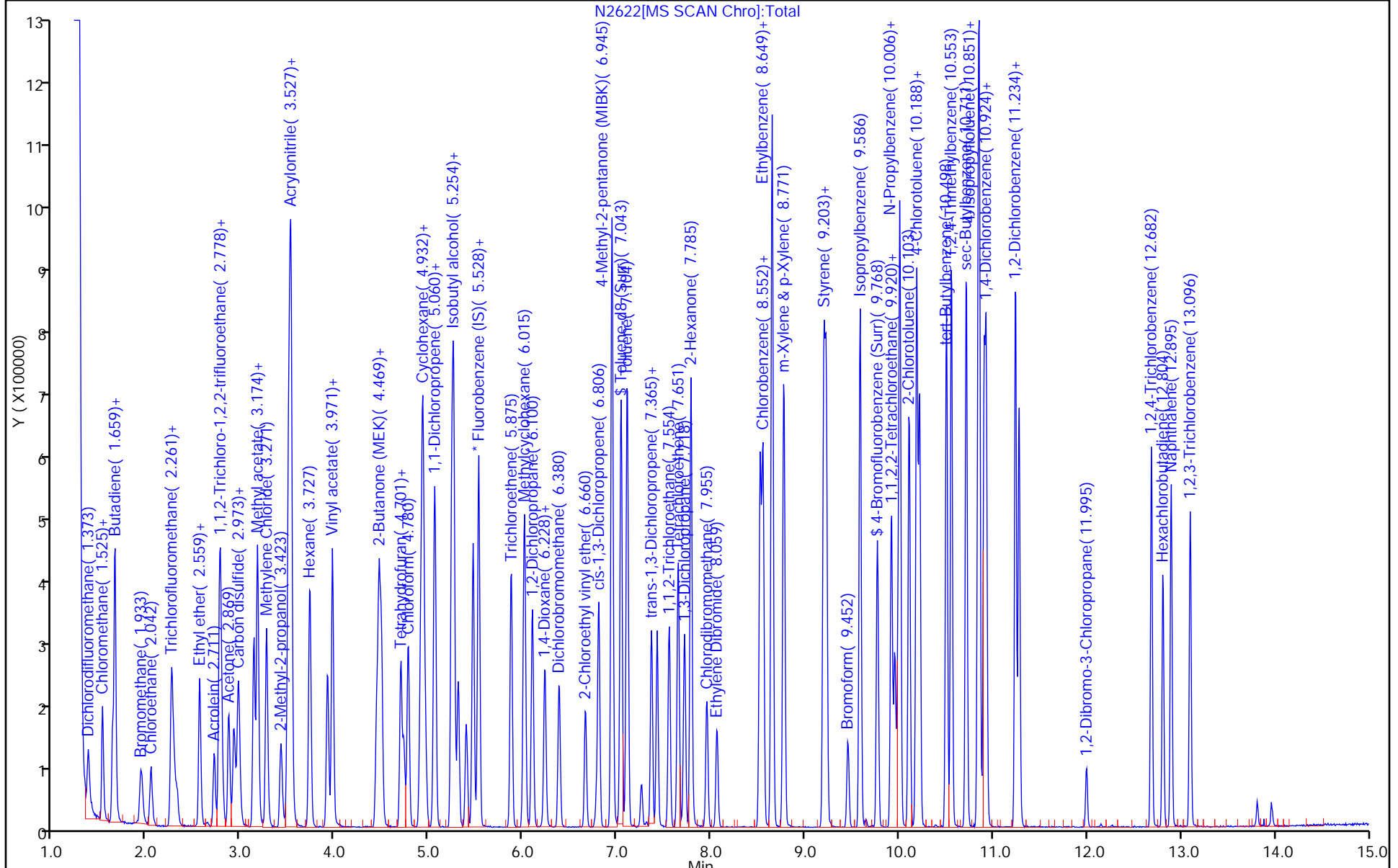
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-341263/4
 Matrix: Water Lab File ID: P22186.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/24/2017 22:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	26.2		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	24.8		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	24.6		1.0	0.23
75-34-3	1,1-Dichloroethane	25.1		1.0	0.38
75-35-4	1,1-Dichloroethene	25.8		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	24.8		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	23.0		1.0	0.39
106-93-4	1,2-Dibromoethane	25.7		1.0	0.73
95-50-1	1,2-Dichlorobenzene	25.2		1.0	0.79
107-06-2	1,2-Dichloroethane	24.7		1.0	0.21
78-87-5	1,2-Dichloropropane	26.3		1.0	0.72
541-73-1	1,3-Dichlorobenzene	25.2		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.1		1.0	0.84
78-93-3	2-Butanone (MEK)	116		10	1.3
591-78-6	2-Hexanone	128		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	127		5.0	2.1
67-64-1	Acetone	103		10	3.0
71-43-2	Benzene	25.5		1.0	0.41
75-27-4	Bromodichloromethane	26.1		1.0	0.39
75-25-2	Bromoform	25.6		1.0	0.26
74-83-9	Bromomethane	34.5		1.0	0.69
75-15-0	Carbon disulfide	26.5		1.0	0.19
56-23-5	Carbon tetrachloride	26.6		1.0	0.27
108-90-7	Chlorobenzene	25.0		1.0	0.75
75-00-3	Chloroethane	32.4		1.0	0.32
67-66-3	Chloroform	24.5		1.0	0.34
74-87-3	Chloromethane	26.7		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	25.2		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	27.0		1.0	0.36
110-82-7	Cyclohexane	27.0		1.0	0.18
124-48-1	Dibromochloromethane	26.1		1.0	0.32
75-71-8	Dichlorodifluoromethane	26.9		1.0	0.68
100-41-4	Ethylbenzene	26.1		1.0	0.74
98-82-8	Isopropylbenzene	26.4		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-341263/4
 Matrix: Water Lab File ID: P22186.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/24/2017 22:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	117		2.5	1.3
1634-04-4	Methyl tert-butyl ether	26.0		1.0	0.16
108-87-2	Methylcyclohexane	27.5		1.0	0.16
75-09-2	Methylene Chloride	25.0		1.0	0.44
100-42-5	Styrene	27.3		1.0	0.73
127-18-4	Tetrachloroethene	25.9		1.0	0.36
108-88-3	Toluene	25.1		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	25.1		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	25.8		1.0	0.37
79-01-6	Trichloroethene	25.4		1.0	0.46
75-69-4	Trichlorofluoromethane	26.5		1.0	0.88
75-01-4	Vinyl chloride	26.6		1.0	0.90
1330-20-7	Xylenes, Total	52.1		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
2037-26-5	Toluene-d8 (Surr)	102		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22186.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 24-Jan-2017 22:20:30 ALS Bottle#: 30 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: lcs
 Misc. Info.: 480-0059986-004
 Operator ID: SO Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jan-2017 22:47:49 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: o'briens

Date: 24-Jan-2017 22:47:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	98	267580	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.758	-0.001	87	556978	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.744	16.745	-0.001	97	560676	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.006	9.006	0.000	93	326336	25.0	25.2	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.444	9.450	-0.006	0	219045	25.0	24.7	
\$ 5 Toluene-d8 (Surr)	98	11.792	11.793	0.000	94	1176322	25.0	25.4	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	84	340432	25.0	25.4	
10 Dichlorodifluoromethane	85	3.993	3.981	0.012	99	505174	25.0	26.9	
11 Chloromethane	50	4.285	4.291	-0.006	99	412321	25.0	26.7	
17 Vinyl chloride	62	4.510	4.510	0.000	98	377366	25.0	26.6	
144 Butadiene	54	4.535	4.535	0.000	96	405141	25.0	29.0	
12 Bromomethane	94	5.070	5.070	0.000	92	305689	25.0	34.5	
13 Chloroethane	64	5.204	5.198	0.006	98	306508	25.0	32.4	
19 Dichlorofluoromethane	67	5.484	5.484	0.000	97	860894	25.0	27.4	
14 Trichlorofluoromethane	101	5.605	5.599	0.006	99	711181	25.0	26.5	
20 Ethyl ether	59	5.897	5.885	0.012	97	414944	25.0	24.8	
22 Acrolein	56	6.141	6.135	0.006	99	613924	125.0	121.5	
16 1,1,2-Trichloro-1,2,2-trif	101	6.244	6.232	0.012	94	429180	25.0	26.8	
25 1,1-Dichloroethene	96	6.281	6.281	0.000	94	386734	25.0	25.8	
24 Acetone	43	6.317	6.311	0.006	98	1012536	125.0	103.2	
18 Iodomethane	142	6.554	6.548	0.006	99	726136	25.0	25.6	
27 Carbon disulfide	76	6.664	6.664	0.000	100	1253365	25.0	26.5	
30 Methyl acetate	43	6.694	6.688	0.006	99	2536599	125.0	116.8	
28 3-Chloro-1-propene	41	6.731	6.725	0.006	83	807886	25.0	25.5	
31 Methylene Chloride	84	6.907	6.901	0.006	96	440667	25.0	25.0	
33 2-Methyl-2-propanol	59	6.919	6.919	0.000	97	901846	250.0	236.7	
32 Methyl tert-butyl ether	73	7.163	7.157	0.006	98	1490399	25.0	26.0	
34 Acrylonitrile	53	7.193	7.187	0.006	98	2399107	250.0	236.8	
35 trans-1,2-Dichloroethene	96	7.224	7.217	0.007	94	419606	25.0	25.1	
36 Hexane	57	7.461	7.455	0.006	96	555578	25.0	27.8	
38 Vinyl acetate	43	7.698	7.692	0.006	97	2541030	50.0	52.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
40 1,1-Dichloroethane	63	7.747	7.741	0.006	96	764960	25.0	25.1	
44 2-Butanone (MEK)	43	8.398	8.385	0.013	98	1705167	125.0	115.5	
43 cis-1,2-Dichloroethene	96	8.446	8.440	0.006	85	482202	25.0	25.2	
45 2,2-Dichloropropane	77	8.453	8.446	0.007	62	651691	25.0	28.0	
50 Chlorobromomethane	128	8.769	8.757	0.012	94	224795	25.0	24.3	
51 Tetrahydrofuran	42	8.793	8.787	0.006	92	447268	50.0	47.5	
49 Chloroform	83	8.799	8.793	0.006	95	754414	25.0	24.5	
52 1,1,1-Trichloroethane	97	9.061	9.055	0.006	99	710972	25.0	26.2	
54 Cyclohexane	56	9.134	9.128	0.006	93	864750	25.0	27.0	
53 Isobutyl alcohol	43	9.207	9.201	0.006	95	975751	625.0	687.1	
56 1,1-Dichloropropene	75	9.237	9.231	0.006	93	550824	25.0	25.7	
55 Carbon tetrachloride	117	9.268	9.261	0.007	97	621644	25.0	26.6	
57 Benzene	78	9.517	9.511	0.006	98	1604618	25.0	25.5	
60 1,2-Dichloroethane	62	9.541	9.535	0.006	97	741443	25.0	24.7	
59 n-Heptane	43	9.645	9.633	0.012	97	553785	25.0	26.4	
62 Trichloroethene	95	10.272	10.265	0.007	95	443866	25.0	25.4	
64 Methylcyclohexane	83	10.503	10.503	0.000	96	664253	25.0	27.5	
63 1,2-Dichloropropane	63	10.576	10.576	0.000	90	438419	25.0	26.3	
68 1,4-Dioxane	88	10.697	10.691	0.006	97	135911	500.0	486.3	
69 Dibromomethane	93	10.770	10.758	0.012	91	314062	25.0	25.5	
70 Dichlorobromomethane	83	10.904	10.904	0.000	97	549573	25.0	26.1	
71 2-Chloroethyl vinyl ether	63	11.172	11.166	0.006	93	333469	25.0	26.9	
73 cis-1,3-Dichloropropene	75	11.446	11.439	0.007	92	707409	25.0	27.0	
75 4-Methyl-2-pentanone (MIBK)	43	11.549	11.549	0.000	99	3538493	125.0	127.2	
76 Toluene	92	11.890	11.884	0.006	98	1052518	25.0	25.1	
77 Ethyl methacrylate	69	12.115	12.115	0.000	93	616997	25.0	27.8	
78 trans-1,3-Dichloropropene	75	12.145	12.139	0.006	97	667995	25.0	25.8	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	92	337882	25.0	24.6	
80 Tetrachloroethene	166	12.632	12.626	0.006	92	403359	25.0	25.9	
83 2-Hexanone	43	12.638	12.638	0.000	99	2516418	125.0	128.0	
82 1,3-Dichloropropane	76	12.668	12.662	0.006	98	688382	25.0	25.0	
81 Chlorodibromomethane	129	13.009	13.009	0.000	91	432417	25.0	26.1	
85 Ethylene Dibromide	107	13.210	13.204	0.006	98	432943	25.0	25.7	
87 Chlorobenzene	112	13.800	13.800	0.000	95	1235773	25.0	25.0	
89 Ethylbenzene	91	13.867	13.861	0.006	99	2043853	25.0	26.1	
88 1,1,1,2-Tetrachloroethane	131	13.879	13.879	0.000	94	451251	25.0	26.3	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	759360	25.0	26.2	
93 o-Xylene	106	14.554	14.554	0.000	98	754485	25.0	25.9	
94 Styrene	104	14.573	14.572	0.001	96	1237198	25.0	27.3	
92 Bromoform	173	14.925	14.925	0.000	93	274864	25.0	25.6	
95 Isopropylbenzene	105	14.998	14.998	0.000	97	1987694	25.0	26.4	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.424	0.000	96	626957	25.0	24.8	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.473	0.006	79	174589	25.0	19.7	
100 Bromobenzene	156	15.516	15.515	0.001	95	521343	25.0	25.5	
101 1,2,3-Trichloropropane	110	15.516	15.515	0.001	83	187367	25.0	24.5	
99 N-Propylbenzene	91	15.528	15.528	0.000	99	2429257	25.0	26.0	
103 2-Chlorotoluene	126	15.716	15.716	0.000	94	470826	25.0	25.3	
102 1,3,5-Trimethylbenzene	105	15.728	15.722	0.006	95	1691451	25.0	26.4	
105 4-Chlorotoluene	126	15.850	15.844	0.006	99	484179	25.0	24.9	
106 tert-Butylbenzene	134	16.160	16.160	0.000	93	363231	25.0	25.3	
107 1,2,4-Trimethylbenzene	105	16.227	16.221	0.006	97	1796720	25.0	26.0	
109 sec-Butylbenzene	105	16.434	16.434	0.000	95	2123448	25.0	26.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
112 4-Isopropyltoluene	119	16.586	16.586	0.000	96	1882068	25.0	26.1	
110 1,3-Dichlorobenzene	146	16.678	16.671	0.007	97	1038297	25.0	25.2	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	93	1054011	25.0	25.1	
115 n-Butylbenzene	91	17.103	17.097	0.006	98	1745199	25.0	26.2	
116 1,2-Dichlorobenzene	146	17.268	17.267	0.001	96	1058413	25.0	25.2	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	78	155316	25.0	23.0	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	93	695689	25.0	24.8	
120 Hexachlorobutadiene	225	19.464	19.464	0.000	91	197917	25.0	24.8	
121 Naphthalene	128	19.707	19.707	0.000	97	2336710	25.0	24.8	
122 1,2,3-Trichlorobenzene	180	20.066	20.066	0.000	95	636587	25.0	24.5	

Reagents:

8260 CORP mix_00089	Amount Added: 12.50	Units: uL	
GAS CORP mix_00202	Amount Added: 12.50	Units: uL	
P 8260 IS_00195	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00207	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170124-59986.b\P22186.D

Injection Date: 24-Jan-2017 22:20:30

Instrument ID: HP5973P

Operator ID: SO

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

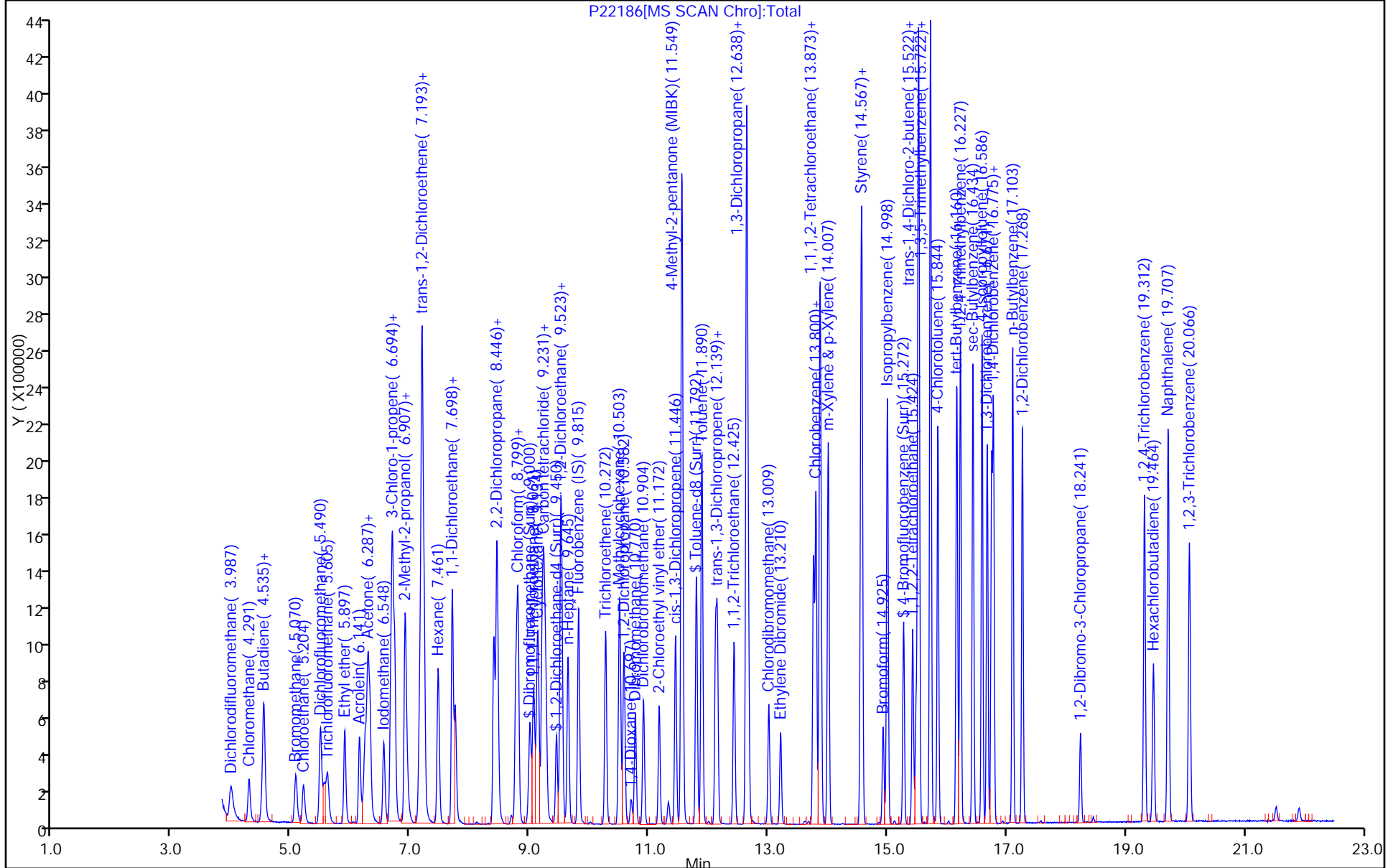
Dil. Factor: 1.0000

ALS Bottle#: 30

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



P22186[MS SCAN Chro]:Total

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-341308/4
 Matrix: Water Lab File ID: P22212.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 10:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341308 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	26.1		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	27.1		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	26.6		1.0	0.23
75-34-3	1,1-Dichloroethane	26.8		1.0	0.38
75-35-4	1,1-Dichloroethene	26.0		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	26.0		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	25.4		1.0	0.39
106-93-4	1,2-Dibromoethane	28.2		1.0	0.73
95-50-1	1,2-Dichlorobenzene	26.5		1.0	0.79
107-06-2	1,2-Dichloroethane	25.9		1.0	0.21
78-87-5	1,2-Dichloropropane	28.0		1.0	0.72
541-73-1	1,3-Dichlorobenzene	27.0		1.0	0.78
106-46-7	1,4-Dichlorobenzene	26.7		1.0	0.84
78-93-3	2-Butanone (MEK)	128		10	1.3
591-78-6	2-Hexanone	142		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	137		5.0	2.1
67-64-1	Acetone	113		10	3.0
71-43-2	Benzene	26.9		1.0	0.41
75-27-4	Bromodichloromethane	28.3		1.0	0.39
75-25-2	Bromoform	28.9		1.0	0.26
74-83-9	Bromomethane	30.8		1.0	0.69
75-15-0	Carbon disulfide	27.2		1.0	0.19
56-23-5	Carbon tetrachloride	26.0		1.0	0.27
108-90-7	Chlorobenzene	26.6		1.0	0.75
75-00-3	Chloroethane	29.3		1.0	0.32
67-66-3	Chloroform	26.0		1.0	0.34
74-87-3	Chloromethane	26.5		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	27.1		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	29.1		1.0	0.36
110-82-7	Cyclohexane	26.5		1.0	0.18
124-48-1	Dibromochloromethane	28.8		1.0	0.32
75-71-8	Dichlorodifluoromethane	23.3		1.0	0.68
100-41-4	Ethylbenzene	27.4		1.0	0.74
98-82-8	Isopropylbenzene	26.8		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-341308/4
 Matrix: Water Lab File ID: P22212.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/25/2017 10:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 341308 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	128		2.5	1.3
1634-04-4	Methyl tert-butyl ether	27.5		1.0	0.16
108-87-2	Methylcyclohexane	26.5		1.0	0.16
75-09-2	Methylene Chloride	26.8		1.0	0.44
100-42-5	Styrene	29.6		1.0	0.73
127-18-4	Tetrachloroethene	26.0		1.0	0.36
108-88-3	Toluene	26.7		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	26.3		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	28.2		1.0	0.37
79-01-6	Trichloroethene	26.6		1.0	0.46
75-69-4	Trichlorofluoromethane	24.0		1.0	0.88
75-01-4	Vinyl chloride	24.7		1.0	0.90
1330-20-7	Xylenes, Total	54.7		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22212.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 25-Jan-2017 10:23:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: lcs
 Misc. Info.: 480-0059990-004
 Operator ID: RF Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jan-2017 16:55:03 Calib Date: 21-Jan-2017 07:40:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20170120-59910.b\P22151.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK006

First Level Reviewer: reiler

Date: 25-Jan-2017 16:54:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.815	0.000	98	281609	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.758	-0.001	86	593830	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.745	0.005	96	596601	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr	113	9.012	9.006	0.006	93	343233	25.0	25.2	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.444	0.006	0	229987	25.0	24.6	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.799	-0.001	94	1225733	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	83	360306	25.0	25.2	
10 Dichlorodifluoromethane	85	4.005	3.999	0.006	99	461005	25.0	23.3	
11 Chloromethane	50	4.291	4.291	0.000	99	430273	25.0	26.5	
17 Vinyl chloride	62	4.529	4.516	0.013	98	368266	25.0	24.7	
144 Butadiene	54	4.541	4.547	-0.006	95	379028	25.0	25.7	
12 Bromomethane	94	5.076	5.070	0.006	92	286877	25.0	30.8	
13 Chloroethane	64	5.210	5.210	0.000	98	291289	25.0	29.3	
19 Dichlorofluoromethane	67	5.496	5.490	0.006	97	850357	25.0	25.7	
14 Trichlorofluoromethane	101	5.605	5.605	0.000	98	677640	25.0	24.0	
20 Ethyl ether	59	5.897	5.891	0.006	96	471295	25.0	26.8	
22 Acrolein	56	6.147	6.141	0.006	99	728505	125.0	137.0	
16 1,1,2-Trichloro-1,2,2-trif	101	6.244	6.238	0.006	95	419845	25.0	24.9	
25 1,1-Dichloroethene	96	6.287	6.281	0.006	95	410198	25.0	26.0	
24 Acetone	43	6.317	6.311	0.006	98	1171159	125.0	113.4	
18 Iodomethane	142	6.554	6.548	0.006	100	781504	25.0	26.2	
27 Carbon disulfide	76	6.670	6.664	0.006	100	1354890	25.0	27.2	
30 Methyl acetate	43	6.700	6.688	0.012	99	2928523	125.0	128.1	
28 3-Chloro-1-propene	41	6.737	6.731	0.006	80	883606	25.0	26.5	
31 Methylene Chloride	84	6.907	6.901	0.006	97	496358	25.0	26.8	
33 2-Methyl-2-propanol	59	6.932	6.925	0.007	97	1075836	250.0	268.2	
32 Methyl tert-butyl ether	73	7.163	7.163	0.000	98	1659898	25.0	27.5	
34 Acrylonitrile	53	7.199	7.193	0.006	99	2764098	250.0	259.2	
35 trans-1,2-Dichloroethene	96	7.230	7.224	0.006	94	462043	25.0	26.3	
36 Hexane	57	7.467	7.461	0.006	94	558841	25.0	26.6	
38 Vinyl acetate	43	7.704	7.692	0.012	97	2898571	50.0	56.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
40 1,1-Dichloroethane	63	7.753	7.747	0.006	96	857507	25.0	26.8	
44 2-Butanone (MEK)	43	8.398	8.392	0.006	99	1988539	125.0	128.0	
43 cis-1,2-Dichloroethene	96	8.446	8.446	0.000	84	544638	25.0	27.1	
45 2,2-Dichloropropane	77	8.452	8.446	0.006	57	704986	25.0	28.8	
50 Chlorobromomethane	128	8.769	8.763	0.006	93	254940	25.0	26.2	
51 Tetrahydrofuran	42	8.793	8.787	0.006	90	516593	50.0	52.2	
49 Chloroform	83	8.805	8.799	0.006	95	842543	25.0	26.0	
52 1,1,1-Trichloroethane	97	9.067	9.061	0.006	98	745104	25.0	26.1	
54 Cyclohexane	56	9.134	9.128	0.006	94	892163	25.0	26.5	
53 Isobutyl alcohol	43	9.207	9.201	0.006	95	1090397	625.0	729.5	
56 1,1-Dichloropropene	75	9.237	9.231	0.006	95	595642	25.0	26.4	
55 Carbon tetrachloride	117	9.268	9.268	0.000	96	639845	25.0	26.0	
57 Benzene	78	9.523	9.517	0.006	98	1781844	25.0	26.9	
60 1,2-Dichloroethane	62	9.541	9.535	0.006	97	819834	25.0	25.9	
59 n-Heptane	43	9.645	9.639	0.006	96	578923	25.0	26.2	
62 Trichloroethene	95	10.271	10.265	0.006	95	488947	25.0	26.6	
64 Methylcyclohexane	83	10.509	10.503	0.006	96	675360	25.0	26.5	
63 1,2-Dichloropropane	63	10.582	10.576	0.006	90	491879	25.0	28.0	
68 1,4-Dioxane	88	10.697	10.697	0.000	97	158620	500.0	532.3	
69 Dibromomethane	93	10.764	10.764	0.000	92	352652	25.0	27.3	
70 Dichlorobromomethane	83	10.910	10.904	0.006	98	626656	25.0	28.3	
71 2-Chloroethyl vinyl ether	63	11.172	11.166	0.006	93	392732	25.0	30.1	
73 cis-1,3-Dichloropropene	75	11.446	11.439	0.007	92	804110	25.0	29.1	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.549	0.006	99	4054120	125.0	136.7	
76 Toluene	92	11.890	11.884	0.006	98	1191536	25.0	26.7	
77 Ethyl methacrylate	69	12.115	12.115	0.000	94	724062	25.0	30.6	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	95	777797	25.0	28.2	
79 1,1,2-Trichloroethane	83	12.431	12.425	0.006	93	388967	25.0	26.6	
80 Tetrachloroethene	166	12.632	12.632	0.000	92	430611	25.0	26.0	
83 2-Hexanone	43	12.644	12.638	0.006	99	2980256	125.0	142.2	
82 1,3-Dichloropropane	76	12.668	12.662	0.006	97	781307	25.0	26.6	
81 Chlorodibromomethane	129	13.009	13.009	0.000	90	507835	25.0	28.8	
85 Ethylene Dibromide	107	13.204	13.204	0.000	98	508043	25.0	28.2	
87 Chlorobenzene	112	13.800	13.800	0.000	95	1401546	25.0	26.6	
89 Ethylbenzene	91	13.867	13.867	0.000	99	2286169	25.0	27.4	
88 1,1,1,2-Tetrachloroethane	131	13.885	13.879	0.006	93	498340	25.0	27.3	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	853704	25.0	27.6	
93 o-Xylene	106	14.560	14.554	0.006	98	841082	25.0	27.1	
94 Styrene	104	14.573	14.572	0.001	95	1427787	25.0	29.6	
92 Bromoform	173	14.925	14.925	0.000	93	330783	25.0	28.9	
95 Isopropylbenzene	105	14.998	14.998	0.000	97	2144620	25.0	26.8	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.418	0.006	96	728325	25.0	27.1	
98 trans-1,4-Dichloro-2-buten	53	15.479	15.479	0.000	83	228718	25.0	24.2	
100 Bromobenzene	156	15.515	15.515	0.000	92	590281	25.0	27.2	
101 1,2,3-Trichloropropane	110	15.515	15.515	0.000	74	217669	25.0	26.7	
99 N-Propylbenzene	91	15.528	15.528	0.000	99	2681044	25.0	27.0	
103 2-Chlorotoluene	126	15.716	15.716	0.000	95	532877	25.0	26.9	
102 1,3,5-Trimethylbenzene	105	15.728	15.722	0.006	94	1865603	25.0	27.3	
105 4-Chlorotoluene	126	15.850	15.844	0.006	99	557450	25.0	26.9	
106 tert-Butylbenzene	134	16.166	16.166	0.000	93	409178	25.0	26.8	
107 1,2,4-Trimethylbenzene	105	16.227	16.227	0.000	97	2001836	25.0	27.2	
109 sec-Butylbenzene	105	16.434	16.434	0.000	95	2262922	25.0	26.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
112 4-Isopropyltoluene	119	16.586	16.586	0.000	97	2060164	25.0	26.8	
110 1,3-Dichlorobenzene	146	16.677	16.671	0.006	98	1180615	25.0	27.0	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	93	1192912	25.0	26.7	
115 n-Butylbenzene	91	17.103	17.103	0.000	98	1902711	25.0	26.8	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	96	1182085	25.0	26.5	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	80	182902	25.0	25.4	
119 1,2,4-Trichlorobenzene	180	19.318	19.312	0.006	94	777000	25.0	26.0	
120 Hexachlorobutadiene	225	19.470	19.464	0.006	92	215350	25.0	25.4	
121 Naphthalene	128	19.713	19.707	0.006	97	2615380	25.0	26.1	
122 1,2,3-Trichlorobenzene	180	20.072	20.066	0.006	95	708835	25.0	25.7	

Reagents:

8260 CORP mix_00089	Amount Added: 12.50	Units: uL	
GAS CORP mix_00202	Amount Added: 12.50	Units: uL	
P 8260 IS_00195	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00207	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170125-59990.b\P22212.D

Injection Date: 25-Jan-2017 10:23:30

Instrument ID: HP5973P

Operator ID: RF

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

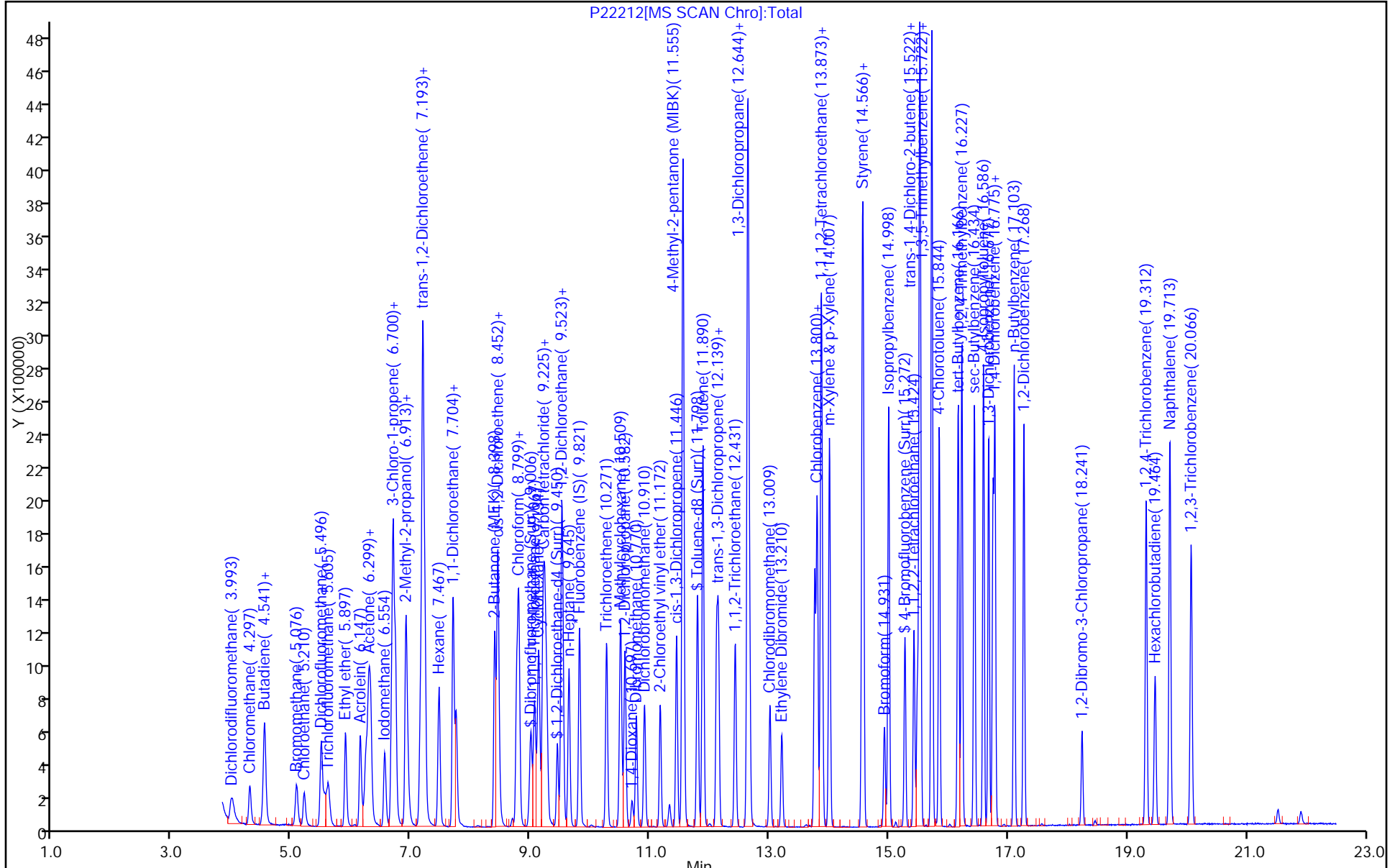
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-4 MS Lab Sample ID: 480-112334-13 MS
 Matrix: Water Lab File ID: N2601.D
 Analysis Method: 8260C Date Collected: 01/16/2017 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 19:30
 Soil Aliquot Vol: _____ Dilution Factor: 100
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2380		100	82
79-34-5	1,1,2,2-Tetrachloroethane	2180		100	21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2310		100	31
79-00-5	1,1,2-Trichloroethane	2110		100	23
75-34-3	1,1-Dichloroethane	2190		100	38
75-35-4	1,1-Dichloroethene	2180		100	29
120-82-1	1,2,4-Trichlorobenzene	2170		100	41
96-12-8	1,2-Dibromo-3-Chloropropane	2030		100	39
106-93-4	1,2-Dibromoethane	2220		100	73
95-50-1	1,2-Dichlorobenzene	2320		100	79
107-06-2	1,2-Dichloroethane	2320		100	21
78-87-5	1,2-Dichloropropane	2290		100	72
541-73-1	1,3-Dichlorobenzene	2390		100	78
106-46-7	1,4-Dichlorobenzene	2340		100	84
78-93-3	2-Butanone (MEK)	10600		1000	130
591-78-6	2-Hexanone	10100		500	120
108-10-1	4-Methyl-2-pentanone (MIBK)	10200		500	210
67-64-1	Acetone	11100		1000	300
71-43-2	Benzene	2260		100	41
75-27-4	Bromodichloromethane	2170		100	39
75-25-2	Bromoform	2170		100	26
74-83-9	Bromomethane	2870		100	69
75-15-0	Carbon disulfide	2090		100	19
56-23-5	Carbon tetrachloride	2310		100	27
108-90-7	Chlorobenzene	2290		100	75
75-00-3	Chloroethane	2590		100	32
67-66-3	Chloroform	2340		100	34
74-87-3	Chloromethane	1810		100	35
156-59-2	cis-1,2-Dichloroethene	6740		100	81
10061-01-5	cis-1,3-Dichloropropene	2140		100	36
110-82-7	Cyclohexane	2120		100	18
124-48-1	Dibromochloromethane	2230		100	32
75-71-8	Dichlorodifluoromethane	2170		100	68
100-41-4	Ethylbenzene	2370		100	74
98-82-8	Isopropylbenzene	2330		100	79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-4 MS Lab Sample ID: 480-112334-13 MS
 Matrix: Water Lab File ID: N2601.D
 Analysis Method: 8260C Date Collected: 01/16/2017 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 19:30
 Soil Aliquot Vol: _____ Dilution Factor: 100
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	9310		250	130
1634-04-4	Methyl tert-butyl ether	2150		100	16
108-87-2	Methylcyclohexane	2210		100	16
75-09-2	Methylene Chloride	2220		100	44
100-42-5	Styrene	2310		100	73
127-18-4	Tetrachloroethene	2360		100	36
108-88-3	Toluene	2320		100	51
156-60-5	trans-1,2-Dichloroethene	2220		100	90
10061-02-6	trans-1,3-Dichloropropene	2080		100	37
79-01-6	Trichloroethene	2390		100	46
75-69-4	Trichlorofluoromethane	2600		100	88
75-01-4	Vinyl chloride	3330		100	90
1330-20-7	Xylenes, Total	4710		200	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
2037-26-5	Toluene-d8 (Surr)	95		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2601.D
 Lims ID: 480-112334-C-13 MS
 Client ID:
 Sample Type: MS
 Inject. Date: 18-Jan-2017 19:30:30 ALS Bottle#: 25 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 100.0000
 Sample Info: 480-112334-C-13 MS
 Misc. Info.: 480-0059834-025
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 17:47:43 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: youngmans

Date: 18-Jan-2017 20:01:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	92600	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	343234	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	92	184437	25.0	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	122198	25.0	24.2	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	417457	25.0	23.8	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	96	143178	25.0	24.1	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	99	96977	25.0	21.7	
13 Chloromethane	50	1.525	1.525	0.000	98	143490	25.0	18.1	
14 Vinyl chloride	62	1.635	1.634	0.001	97	210250	25.0	33.3	
15 Bromomethane	94	1.927	1.926	0.001	89	80687	25.0	28.7	
16 Chloroethane	64	2.042	2.036	0.006	99	91788	25.0	25.9	
18 Trichlorofluoromethane	101	2.279	2.273	0.006	96	156398	25.0	26.0	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	96	114159	25.0	21.8	
21 1,1,2-Trichloro-1,2,2-trif	101	2.778	2.778	0.000	65	115000	25.0	23.1	
23 Acetone	43	2.870	2.863	0.007	100	206956	125.0	110.6	
25 Carbon disulfide	76	2.967	2.967	0.000	99	356685	25.0	20.9	
28 Methyl acetate	43	3.174	3.174	0.000	98	493061	125.0	93.1	
30 Methylene Chloride	84	3.271	3.265	0.006	96	133154	25.0	22.2	
32 Methyl tert-butyl ether	73	3.502	3.496	0.006	96	360277	25.0	21.5	
33 trans-1,2-Dichloroethene	96	3.508	3.508	0.000	100	125025	25.0	22.2	
36 1,1-Dichloroethane	63	3.916	3.916	0.000	96	226375	25.0	21.9	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	79	409572	25.0	67.4	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	100	313438	125.0	105.6	
50 Chloroform	83	4.780	4.774	0.006	92	204052	25.0	23.4	
51 1,1,1-Trichloroethane	97	4.907	4.907	0.000	99	165670	25.0	23.8	
52 Cyclohexane	56	4.938	4.938	0.000	90	228093	25.0	21.2	
53 Carbon tetrachloride	117	5.054	5.053	0.001	95	146281	25.0	23.1	
55 Benzene	78	5.260	5.260	0.000	97	482841	25.0	22.6	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	96	157703	25.0	23.2	
60 Trichloroethene	95	5.875	5.869	0.006	95	123104	25.0	23.9	
62 Methylcyclohexane	83	6.009	6.015	-0.006	91	207389	25.0	22.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63	6.100	6.100	0.000	98	125441	25.0	22.9	
67 Dichlorobromomethane	83	6.380	6.380	0.000	99	135579	25.0	21.7	
71 cis-1,3-Dichloropropene	75	6.806	6.805	0.001	96	171714	25.0	21.4	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	266016	125.0	101.6	
73 Toluene	92	7.104	7.110	-0.006	98	300324	25.0	23.2	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	93	145293	25.0	20.8	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	91	80292	25.0	21.1	
79 Tetrachloroethene	166	7.651	7.651	0.000	96	137415	25.0	23.6	
82 2-Hexanone	43	7.785	7.785	0.000	95	432129	125.0	100.9	
83 Chlorodibromomethane	129	7.955	7.955	0.000	90	106965	25.0	22.3	
84 Ethylene Dibromide	107	8.059	8.059	0.000	99	103770	25.0	22.2	
85 Chlorobenzene	112	8.552	8.551	0.001	96	333291	25.0	22.9	
88 Ethylbenzene	91	8.649	8.655	-0.006	98	544904	25.0	23.7	
90 m-Xylene & p-Xylene	106	8.777	8.777	0.000	0	224835		23.8	
91 o-Xylene	106	9.196	9.202	-0.006	95	219871		23.3	
92 Styrene	104	9.227	9.227	0.000	95	359849	25.0	23.1	
93 Bromoform	173	9.458	9.458	0.000	98	68645	25.0	21.7	
95 Isopropylbenzene	105	9.586	9.586	0.000	95	560708	25.0	23.3	
98 1,1,2,2-Tetrachloroethane	83	9.957	9.957	0.000	95	129206	25.0	21.8	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	97	291286	25.0	23.9	
113 1,4-Dichlorobenzene	146	10.924	10.924	0.000	97	288051	25.0	23.4	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	269216	25.0	23.2	
117 1,2-Dibromo-3-Chloropropan	75	11.995	11.989	0.006	88	19041	25.0	20.3	
119 1,2,4-Trichlorobenzene	180	12.682	12.688	-0.006	94	172480	25.0	21.7	
S 126 Xylenes, Total	1				0			47.1	

Reagents:

8260 CORP mix_00090	Amount Added: 12.50	Units: uL	
GAS CORP mix_00200	Amount Added: 12.50	Units: uL	
N 8260 IS_00053	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00236	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2601.D

Injection Date: 18-Jan-2017 19:30:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-C-13 MS

Worklist Smp#: 25

Client ID:

Purge Vol: 5.000 mL

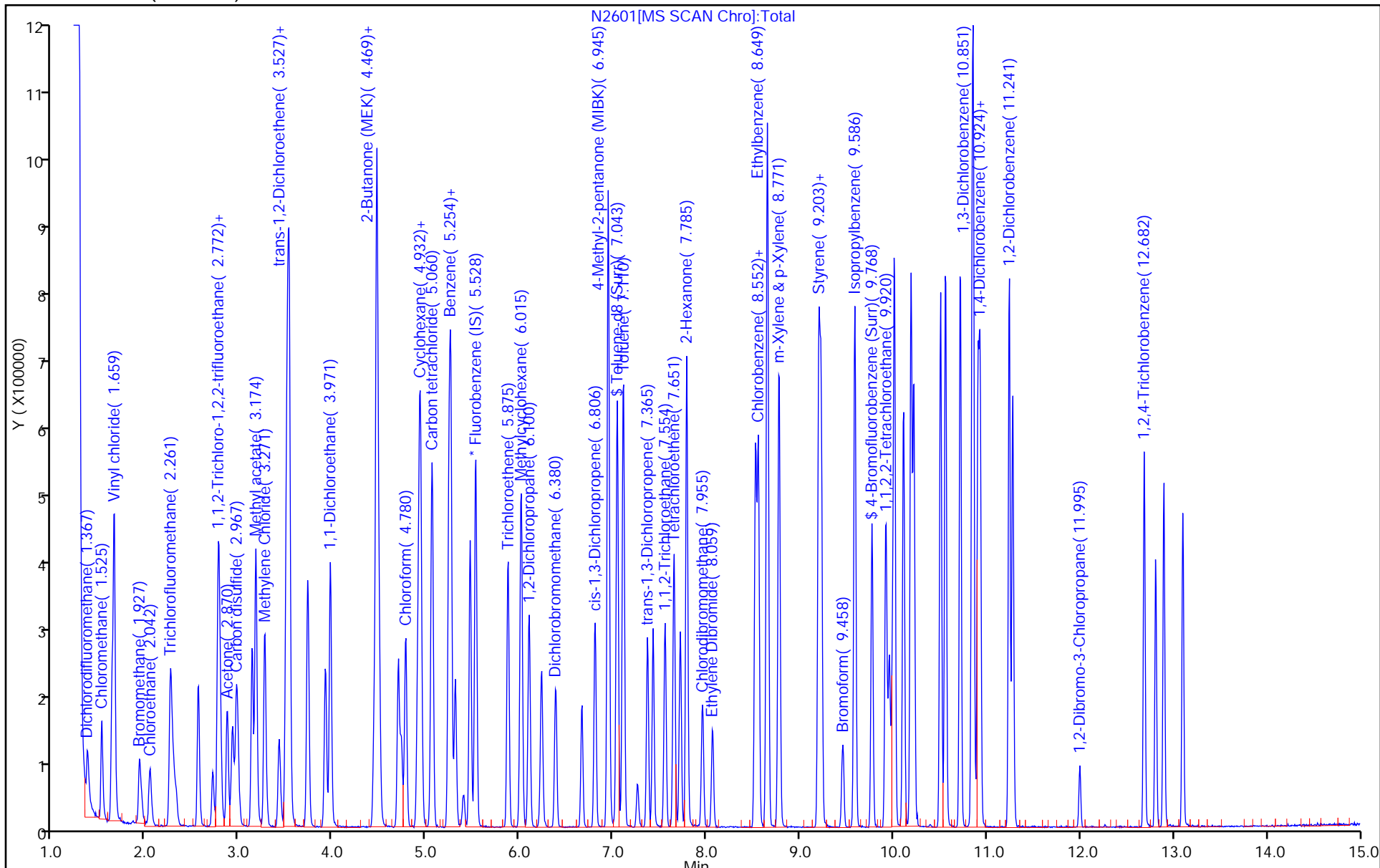
Dil. Factor: 100.0000

ALS Bottle#: 25

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-5 MS Lab Sample ID: 480-112334-14 MS
 Matrix: Water Lab File ID: P22080.D
 Analysis Method: 8260C Date Collected: 01/16/2017 15:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 05:05
 Soil Aliquot Vol: _____ Dilution Factor: 50
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1340		50	41
79-34-5	1,1,2,2-Tetrachloroethane	1170		50	11
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1470		50	16
79-00-5	1,1,2-Trichloroethane	1280		50	12
75-34-3	1,1-Dichloroethane	1480		50	19
75-35-4	1,1-Dichloroethene	1400		50	15
120-82-1	1,2,4-Trichlorobenzene	1130		50	21
96-12-8	1,2-Dibromo-3-Chloropropane	1060		50	20
106-93-4	1,2-Dibromoethane	1280		50	37
95-50-1	1,2-Dichlorobenzene	1190		50	40
107-06-2	1,2-Dichloroethane	1330		50	11
78-87-5	1,2-Dichloropropane	1260		50	36
541-73-1	1,3-Dichlorobenzene	1180		50	39
106-46-7	1,4-Dichlorobenzene	1210		50	42
78-93-3	2-Butanone (MEK)	6290		500	66
591-78-6	2-Hexanone	6800		250	62
108-10-1	4-Methyl-2-pentanone (MIBK)	6520		250	110
67-64-1	Acetone	7580		500	150
71-43-2	Benzene	1320		50	21
75-27-4	Bromodichloromethane	1340		50	20
75-25-2	Bromoform	1140		50	13
74-83-9	Bromomethane	1260		50	35
75-15-0	Carbon disulfide	1560		50	9.5
56-23-5	Carbon tetrachloride	1460		50	14
108-90-7	Chlorobenzene	1290		50	38
75-00-3	Chloroethane	1530		50	16
67-66-3	Chloroform	1300		50	17
74-87-3	Chloromethane	1300		50	18
156-59-2	cis-1,2-Dichloroethene	30500		50	41
10061-01-5	cis-1,3-Dichloropropene	1210		50	18
110-82-7	Cyclohexane	1280		50	9.0
124-48-1	Dibromochloromethane	1350		50	16
75-71-8	Dichlorodifluoromethane	1450		50	34
100-41-4	Ethylbenzene	1310		50	37
98-82-8	Isopropylbenzene	1190		50	40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-5 MS Lab Sample ID: 480-112334-14 MS
 Matrix: Water Lab File ID: P22080.D
 Analysis Method: 8260C Date Collected: 01/16/2017 15:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 05:05
 Soil Aliquot Vol: _____ Dilution Factor: 50
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	6410		130	65
1634-04-4	Methyl tert-butyl ether	1250		50	8.0
108-87-2	Methylcyclohexane	1280		50	8.0
75-09-2	Methylene Chloride	1280		50	22
100-42-5	Styrene	1220		50	37
127-18-4	Tetrachloroethene	1370		50	18
108-88-3	Toluene	1300		50	26
156-60-5	trans-1,2-Dichloroethene	1360		50	45
10061-02-6	trans-1,3-Dichloropropene	1310		50	19
79-01-6	Trichloroethene	1500		50	23
75-69-4	Trichlorofluoromethane	1470		50	44
75-01-4	Vinyl chloride	7180		50	45
1330-20-7	Xylenes, Total	2540		100	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22080.D
 Lims ID: 480-112334-A-14 MS
 Client ID:
 Sample Type: MS
 Inject. Date: 18-Jan-2017 05:05:30 ALS Bottle#: 54 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 480-112334-A-14 MS
 Misc. Info.: 480-0059829-028
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 09:40:51 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK003

First Level Reviewer: farrellr

Date: 18-Jan-2017 09:41:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.821	9.821	0.000	99	98493	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	85	212455	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.751	16.751	0.000	92	293512	25.0	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	79041	25.0	26.2	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.792	0.006	94	460306	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	190544	25.0	25.1	
10 Dichlorodifluoromethane	85	3.999	3.981	0.018	99	183371	25.0	29.0	
11 Chloromethane	50	4.297	4.285	0.012	99	166881	25.0	26.0	
17 Vinyl chloride	62	4.535	4.516	0.019	98	710123	25.0	143.7	E
12 Bromomethane	94	5.076	5.064	0.012	94	98566	25.0	25.2	
13 Chloroethane	64	5.204	5.198	0.006	96	138028	25.0	30.6	
14 Trichlorofluoromethane	101	5.605	5.599	0.006	97	286440	25.0	29.3	
16 1,1,2-Trichloro-1,2,2-trif	101	6.250	6.238	0.012	88	189546	25.0	29.4	
25 1,1-Dichloroethene	96	6.293	6.281	0.012	95	176121	25.0	28.0	
24 Acetone	43	6.323	6.317	0.006	100	459373	125.0	151.6	
27 Carbon disulfide	76	6.676	6.670	0.006	99	606170	25.0	31.3	
30 Methyl acetate	43	6.700	6.688	0.012	100	1138207	125.0	128.1	
31 Methylene Chloride	84	6.913	6.901	0.012	94	190888	25.0	25.6	
32 Methyl tert-butyl ether	73	7.169	7.157	0.012	98	495265	25.0	25.0	
35 trans-1,2-Dichloroethene	96	7.236	7.224	0.012	94	189144	25.0	27.1	
40 1,1-Dichloroethane	63	7.753	7.747	0.006	97	390703	25.0	29.6	
44 2-Butanone (MEK)	43	8.404	8.392	0.012	98	718077	125.0	125.7	
43 cis-1,2-Dichloroethene	96	8.453	8.440	0.013	83	4846251	25.0	610.2	E
49 Chloroform	83	8.805	8.793	0.012	95	312484	25.0	26.1	
52 1,1,1-Trichloroethane	97	9.067	9.055	0.012	98	275719	25.0	26.8	
54 Cyclohexane	56	9.134	9.128	0.006	92	391181	25.0	25.6	
55 Carbon tetrachloride	117	9.274	9.262	0.012	96	255278	25.0	29.2	
57 Benzene	78	9.523	9.511	0.012	97	621191	25.0	26.5	
60 1,2-Dichloroethane	62	9.541	9.535	0.006	95	294247	25.0	26.7	
62 Trichloroethene	95	10.272	10.265	0.007	93	212139	25.0	30.0	
64 Methylcyclohexane	83	10.509	10.503	0.006	97	262083	25.0	25.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63	10.582	10.576	0.006	95	187876	25.0	25.2	
70 Dichlorobromomethane	83	10.910	10.904	0.006	97	215587	25.0	26.9	
73 cis-1,3-Dichloropropene	75	11.446	11.440	0.006	92	232897	25.0	24.2	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.549	0.006	97	1498324	125.0	130.4	
76 Toluene	92	11.890	11.884	0.006	98	400585	25.0	25.9	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	92	235579	25.0	26.1	
79 1,1,2-Trichloroethane	83	12.431	12.425	0.006	93	137463	25.0	25.6	
80 Tetrachloroethene	166	12.632	12.626	0.006	97	215597	25.0	27.4	
83 2-Hexanone	43	12.644	12.638	0.006	97	1063505	125.0	136.0	
81 Chlorodibromomethane	129	13.009	13.009	0.000	90	193934	25.0	27.1	
85 Ethylene Dibromide	107	13.210	13.204	0.006	98	191595	25.0	25.5	
87 Chlorobenzene	112	13.800	13.800	0.000	97	512776	25.0	25.9	
89 Ethylbenzene	91	13.867	13.867	0.000	97	728744	25.0	26.2	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	315625		25.7	
93 o-Xylene	106	14.560	14.554	0.006	96	313291		25.2	
94 Styrene	104	14.573	14.573	0.000	96	471188	25.0	24.4	
92 Bromoform	173	14.925	14.925	0.000	99	153118	25.0	22.8	
95 Isopropylbenzene	105	14.998	14.998	0.000	95	756804	25.0	23.8	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.418	0.006	97	251056	25.0	23.5	
110 1,3-Dichlorobenzene	146	16.671	16.671	0.000	99	462756	25.0	23.6	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	97	476335	25.0	24.3	
116 1,2-Dichlorobenzene	146	17.268	17.268	0.000	99	469884	25.0	23.9	
117 1,2-Dibromo-3-Chloropropan	75	18.241	18.241	0.000	88	50469	25.0	21.3	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	377985	25.0	22.7	
S 126 Xylenes, Total	1				0			50.9	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Reagents:

8260 CORP mix_00089	Amount Added: 12.50	Units: uL	
GAS CORP mix_00200	Amount Added: 12.50	Units: uL	
P 8260 IS_00195	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00207	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22080.D

Injection Date: 18-Jan-2017 05:05:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: 480-112334-A-14 MS

Worklist Smp#: 28

Client ID:

Purge Vol: 5.000 mL

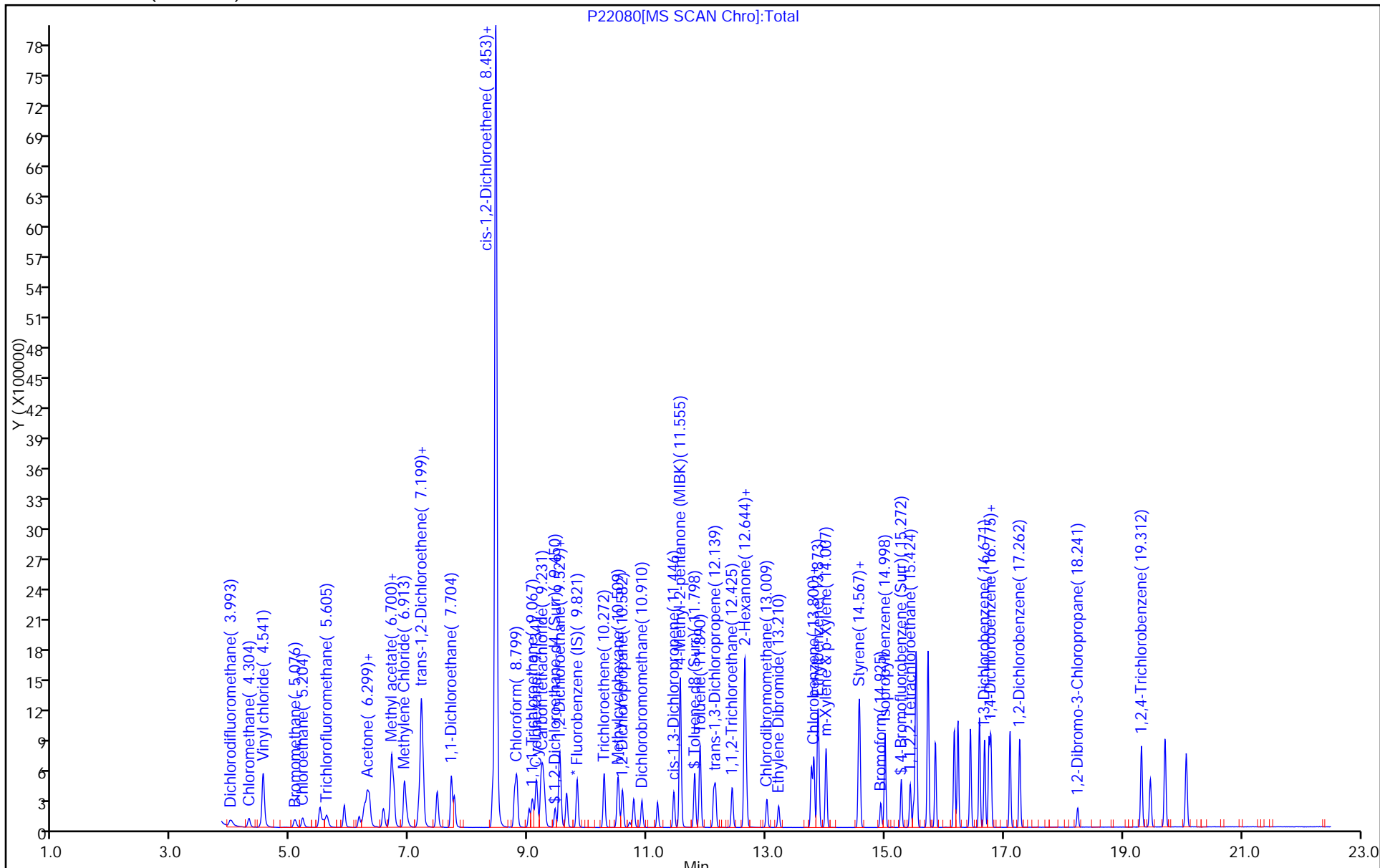
Dil. Factor: 50.0000

ALS Bottle#: 54

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-7 MS Lab Sample ID: 480-112334-15 MS
 Matrix: Water Lab File ID: N2639.D
 Analysis Method: 8260C Date Collected: 01/16/2017 11:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 19:06
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	483		20	16
79-34-5	1,1,2,2-Tetrachloroethane	437		20	4.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	455		20	6.2
79-00-5	1,1,2-Trichloroethane	443		20	4.6
75-34-3	1,1-Dichloroethane	508		20	7.6
75-35-4	1,1-Dichloroethene	438		20	5.8
120-82-1	1,2,4-Trichlorobenzene	434		20	8.2
96-12-8	1,2-Dibromo-3-Chloropropane	418		20	7.8
106-93-4	1,2-Dibromoethane	457		20	15
95-50-1	1,2-Dichlorobenzene	462		20	16
107-06-2	1,2-Dichloroethane	469		20	4.2
78-87-5	1,2-Dichloropropane	447		20	14
541-73-1	1,3-Dichlorobenzene	480		20	16
106-46-7	1,4-Dichlorobenzene	472		20	17
78-93-3	2-Butanone (MEK)	2250		200	26
591-78-6	2-Hexanone	1920		100	25
108-10-1	4-Methyl-2-pentanone (MIBK)	1970		100	42
67-64-1	Acetone	2170		200	60
71-43-2	Benzene	460		20	8.2
75-27-4	Bromodichloromethane	451		20	7.8
75-25-2	Bromoform	416		20	5.2
74-83-9	Bromomethane	526		20	14
75-15-0	Carbon disulfide	407		20	3.8
56-23-5	Carbon tetrachloride	463		20	5.4
108-90-7	Chlorobenzene	434		20	15
75-00-3	Chloroethane	855		20	6.4
67-66-3	Chloroform	485		20	6.8
74-87-3	Chloromethane	395		20	7.0
156-59-2	cis-1,2-Dichloroethene	467		20	16
10061-01-5	cis-1,3-Dichloropropene	460		20	7.2
110-82-7	Cyclohexane	417		20	3.6
124-48-1	Dibromochloromethane	444		20	6.4
75-71-8	Dichlorodifluoromethane	478		20	14
100-41-4	Ethylbenzene	453		20	15
98-82-8	Isopropylbenzene	459		20	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-7 MS Lab Sample ID: 480-112334-15 MS
 Matrix: Water Lab File ID: N2639.D
 Analysis Method: 8260C Date Collected: 01/16/2017 11:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 19:06
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	1890		50	26
1634-04-4	Methyl tert-butyl ether	436		20	3.2
108-87-2	Methylcyclohexane	434		20	3.2
75-09-2	Methylene Chloride	448		20	8.8
100-42-5	Styrene	458		20	15
127-18-4	Tetrachloroethene	466		20	7.2
108-88-3	Toluene	453		20	10
156-60-5	trans-1,2-Dichloroethene	459		20	18
10061-02-6	trans-1,3-Dichloropropene	438		20	7.4
79-01-6	Trichloroethene	475		20	9.2
75-69-4	Trichlorofluoromethane	529		20	18
75-01-4	Vinyl chloride	523		20	18
1330-20-7	Xylenes, Total	899		40	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2639.D
 Lims ID: 480-112334-C-15 MS
 Client ID:
 Sample Type: MS
 Inject. Date: 19-Jan-2017 19:06:30 ALS Bottle#: 21 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 480-112334-C-15 MS
 Misc. Info.: 480-0059868-021
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-Jan-2017 17:23:13 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: youngmans

Date: 19-Jan-2017 19:23:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.522	5.528	-0.006	99	89161	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	341141	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	92	179665	25.0	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	126660	25.0	26.0	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	91	426285	25.0	24.5	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	95	144796	25.0	24.5	
11 Dichlorodifluoromethane	85	1.367	1.373	-0.006	99	102585	25.0	23.9	
13 Chloromethane	50	1.519	1.519	0.000	99	150646	25.0	19.8	
14 Vinyl chloride	62	1.628	1.628	0.000	98	159288	25.0	26.2	
15 Bromomethane	94	1.926	1.932	-0.006	90	71157	25.0	26.3	
16 Chloroethane	64	2.036	2.042	-0.006	99	146004	25.0	42.7	
18 Trichlorofluoromethane	101	2.279	2.273	0.006	97	153239	25.0	26.5	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	98	110390	25.0	21.9	
21 1,1,2-Trichloro-1,2,2-trif	101	2.778	2.784	-0.006	88	109120	25.0	22.8	
23 Acetone	43	2.863	2.863	0.000	100	195155	125.0	108.3	
25 Carbon disulfide	76	2.967	2.967	0.000	99	333936	25.0	20.3	
28 Methyl acetate	43	3.167	3.167	0.000	98	483011	125.0	94.7	
30 Methylene Chloride	84	3.265	3.265	0.000	94	129572	25.0	22.4	
32 Methyl tert-butyl ether	73	3.496	3.496	0.000	96	351975	25.0	21.8	
33 trans-1,2-Dichloroethene	96	3.508	3.508	0.000	99	124677	25.0	23.0	
36 1,1-Dichloroethane	63	3.916	3.916	0.000	96	253432	25.0	25.4	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	81	136773	25.0	23.4	
44 2-Butanone (MEK)	43	4.488	4.494	-0.006	100	321586	125.0	112.5	
50 Chloroform	83	4.780	4.773	0.007	94	203077	25.0	24.2	
51 1,1,1-Trichloroethane	97	4.907	4.907	0.000	99	161907	25.0	24.1	
52 Cyclohexane	56	4.932	4.938	-0.006	90	216099	25.0	20.9	
53 Carbon tetrachloride	117	5.053	5.053	0.000	83	141153	25.0	23.1	
55 Benzene	78	5.260	5.260	0.000	97	472891	25.0	23.0	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	97	153481	25.0	23.4	
60 Trichloroethene	95	5.869	5.875	-0.005	94	118004	25.0	23.7	
62 Methylcyclohexane	83	6.015	6.014	0.001	92	196415	25.0	21.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63	6.100	6.100	0.000	96	117815	25.0	22.4	
67 Dichlorobromomethane	83	6.380	6.379	0.001	99	135658	25.0	22.6	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	96	177680	25.0	23.0	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	256205	125.0	98.5	
73 Toluene	92	7.110	7.103	0.007	98	291535	25.0	22.6	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	93	152098	25.0	21.9	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	90	83887	25.0	22.2	
79 Tetrachloroethene	166	7.651	7.651	0.000	97	134749	25.0	23.3	
82 2-Hexanone	43	7.785	7.785	0.000	94	408773	125.0	96.0	
83 Chlorodibromomethane	129	7.955	7.955	0.000	90	106020	25.0	22.2	
84 Ethylene Dibromide	107	8.059	8.059	0.000	96	106287	25.0	22.9	
85 Chlorobenzene	112	8.551	8.551	0.000	96	313497	25.0	21.7	
88 Ethylbenzene	91	8.649	8.649	0.000	98	516752	25.0	22.6	
90 m-Xylene & p-Xylene	106	8.770	8.776	-0.006	0	215730		22.9	
91 o-Xylene	106	9.196	9.196	0.000	96	205959		22.0	
92 Styrene	104	9.221	9.227	-0.006	95	354837	25.0	22.9	
93 Bromoform	173	9.458	9.458	0.000	98	65477	25.0	20.8	
95 Isopropylbenzene	105	9.586	9.585	0.001	95	536983	25.0	22.9	
98 1,1,2,2-Tetrachloroethane	83	9.957	9.951	0.007	94	125975	25.0	21.8	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	97	284999	25.0	24.0	
113 1,4-Dichlorobenzene	146	10.924	10.930	-0.006	96	282478	25.0	23.6	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	261286	25.0	23.1	
117 1,2-Dibromo-3-Chloropropan	75	11.995	11.995	0.000	91	19073	25.0	20.9	
119 1,2,4-Trichlorobenzene	180	12.682	12.682	0.000	95	168246	25.0	21.7	
S 126 Xylenes, Total	1				0			44.9	

Reagents:

8260 CORP mix_00090	Amount Added: 12.50	Units: uL	
GAS CORP mix_00201	Amount Added: 12.50	Units: uL	
N 8260 IS_00053	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00237	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2639.D

Injection Date: 19-Jan-2017 19:06:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-C-15 MS

Worklist Smp#: 21

Client ID:

Purge Vol: 5.000 mL

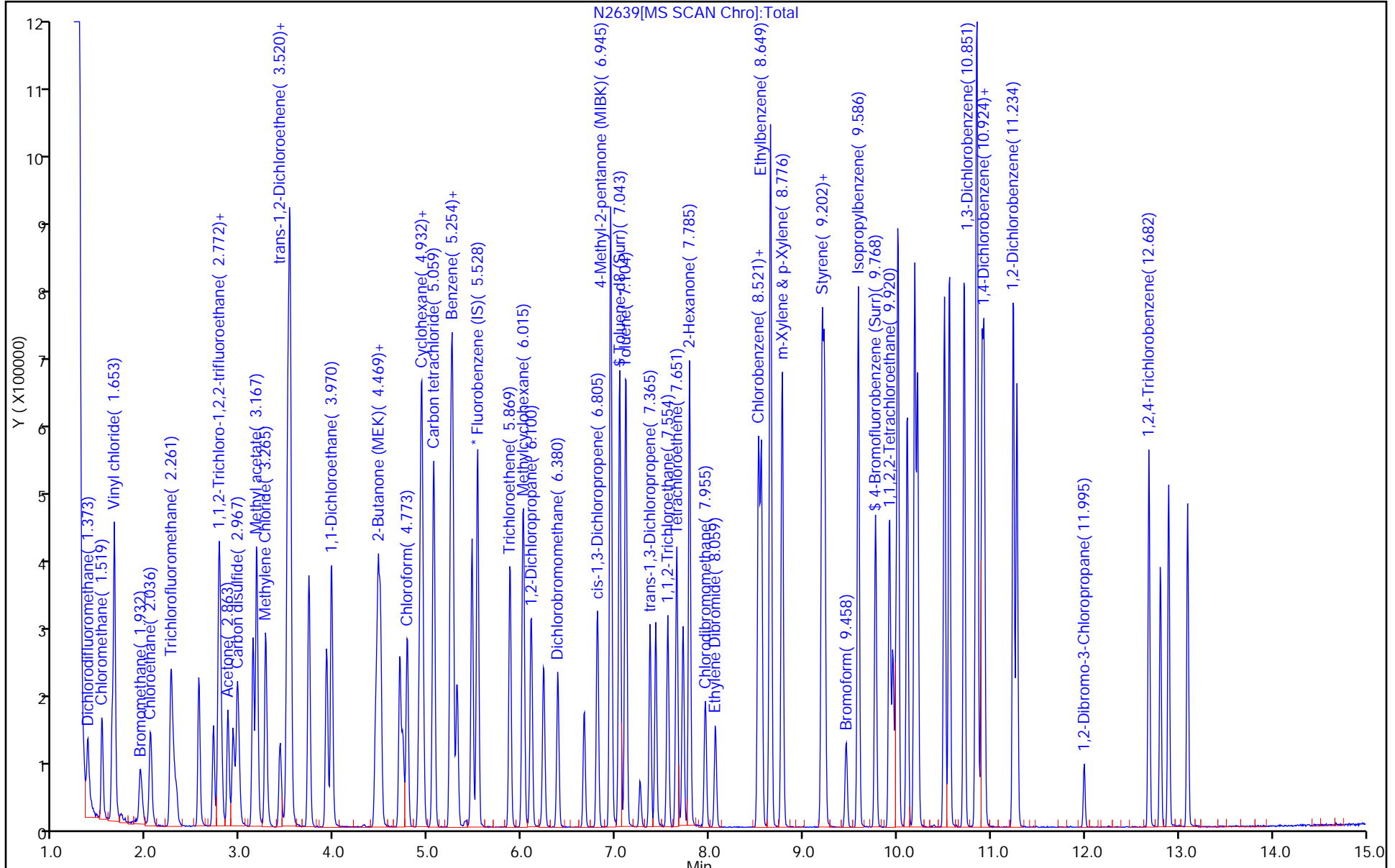
Dil. Factor: 20.0000

ALS Bottle#: 21

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-4 MSD Lab Sample ID: 480-112334-13 MSD
 Matrix: Water Lab File ID: N2602.D
 Analysis Method: 8260C Date Collected: 01/16/2017 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 19:56
 Soil Aliquot Vol: _____ Dilution Factor: 100
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2450		100	82
79-34-5	1,1,2,2-Tetrachloroethane	2180		100	21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2350		100	31
79-00-5	1,1,2-Trichloroethane	2090		100	23
75-34-3	1,1-Dichloroethane	2260		100	38
75-35-4	1,1-Dichloroethene	2190		100	29
120-82-1	1,2,4-Trichlorobenzene	2220		100	41
96-12-8	1,2-Dibromo-3-Chloropropane	2000		100	39
106-93-4	1,2-Dibromoethane	2200		100	73
95-50-1	1,2-Dichlorobenzene	2320		100	79
107-06-2	1,2-Dichloroethane	2340		100	21
78-87-5	1,2-Dichloropropane	2230		100	72
541-73-1	1,3-Dichlorobenzene	2320		100	78
106-46-7	1,4-Dichlorobenzene	2310		100	84
78-93-3	2-Butanone (MEK)	10800		1000	130
591-78-6	2-Hexanone	10000		500	120
108-10-1	4-Methyl-2-pentanone (MIBK)	10000		500	210
67-64-1	Acetone	11500		1000	300
71-43-2	Benzene	2350		100	41
75-27-4	Bromodichloromethane	2280		100	39
75-25-2	Bromoform	2100		100	26
74-83-9	Bromomethane	2940		100	69
75-15-0	Carbon disulfide	2070		100	19
56-23-5	Carbon tetrachloride	2330		100	27
108-90-7	Chlorobenzene	2240		100	75
75-00-3	Chloroethane	2630		100	32
67-66-3	Chloroform	2350		100	34
74-87-3	Chloromethane	1940		100	35
156-59-2	cis-1,2-Dichloroethene	6890		100	81
10061-01-5	cis-1,3-Dichloropropene	2200		100	36
110-82-7	Cyclohexane	2100		100	18
124-48-1	Dibromochloromethane	2160		100	32
75-71-8	Dichlorodifluoromethane	2170		100	68
100-41-4	Ethylbenzene	2260		100	74
98-82-8	Isopropylbenzene	2320		100	79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-4 MSD Lab Sample ID: 480-112334-13 MSD
 Matrix: Water Lab File ID: N2602.D
 Analysis Method: 8260C Date Collected: 01/16/2017 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 19:56
 Soil Aliquot Vol: _____ Dilution Factor: 100
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340437 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	9730		250	130
1634-04-4	Methyl tert-butyl ether	2220		100	16
108-87-2	Methylcyclohexane	2180		100	16
75-09-2	Methylene Chloride	2260		100	44
100-42-5	Styrene	2240		100	73
127-18-4	Tetrachloroethene	2350		100	36
108-88-3	Toluene	2270		100	51
156-60-5	trans-1,2-Dichloroethene	2420		100	90
10061-02-6	trans-1,3-Dichloropropene	2130		100	37
79-01-6	Trichloroethene	2390		100	46
75-69-4	Trichlorofluoromethane	2600		100	88
75-01-4	Vinyl chloride	3300		100	90
1330-20-7	Xylenes, Total	4600		200	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
2037-26-5	Toluene-d8 (Surr)	95		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2602.D
 Lims ID: 480-112334-C-13 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 18-Jan-2017 19:56:30 ALS Bottle#: 26 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 100.0000
 Sample Info: 480-112334-C-13 MSD
 Misc. Info.: 480-0059834-026
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 18:13:39 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK002

First Level Reviewer: youngmans

Date: 18-Jan-2017 20:15:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.522	5.528	-0.006	99	87173	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	337455	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	178770	25.0	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	123802	25.0	26.0	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	409839	25.0	23.8	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	95	140712	25.0	24.1	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	98	90990	25.0	21.7	
13 Chloromethane	50	1.519	1.525	-0.006	99	144787	25.0	19.4	
14 Vinyl chloride	62	1.634	1.634	0.000	97	196244	25.0	33.0	
15 Bromomethane	94	1.926	1.926	0.000	87	77585	25.0	29.4	
16 Chloroethane	64	2.036	2.036	0.000	99	87758	25.0	26.3	
18 Trichlorofluoromethane	101	2.273	2.273	0.000	97	146960	25.0	26.0	
22 1,1-Dichloroethene	96	2.772	2.772	0.000	98	107939	25.0	21.9	
21 1,1,2-Trichloro-1,2,2-trif	101	2.772	2.778	-0.006	88	110183	25.0	23.5	
23 Acetone	43	2.869	2.863	0.006	99	202792	125.0	115.1	
25 Carbon disulfide	76	2.973	2.967	0.006	99	332120	25.0	20.7	
28 Methyl acetate	43	3.174	3.174	0.000	98	484886	125.0	97.3	
30 Methylene Chloride	84	3.271	3.265	0.006	95	127922	25.0	22.6	
32 Methyl tert-butyl ether	73	3.502	3.496	0.006	96	350551	25.0	22.2	
33 trans-1,2-Dichloroethene	96	3.508	3.508	0.000	99	128554	25.0	24.2	
36 1,1-Dichloroethane	63	3.916	3.916	0.000	96	220293	25.0	22.6	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	79	394178	25.0	68.9	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	100	302106	125.0	108.1	
50 Chloroform	83	4.774	4.774	0.000	93	192241	25.0	23.5	
51 1,1,1-Trichloroethane	97	4.907	4.907	0.000	98	160587	25.0	24.5	
52 Cyclohexane	56	4.938	4.938	0.000	90	212653	25.0	21.0	
53 Carbon tetrachloride	117	5.053	5.053	0.000	96	139098	25.0	23.3	
55 Benzene	78	5.260	5.260	0.000	97	472460	25.0	23.5	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	97	149719	25.0	23.4	
60 Trichloroethene	95	5.869	5.869	0.000	96	116130	25.0	23.9	
62 Methylcyclohexane	83	6.015	6.015	0.000	91	193388	25.0	21.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63	6.100	6.100	0.000	98	115022	25.0	22.3	
67 Dichlorobromomethane	83	6.380	6.380	0.000	99	133806	25.0	22.8	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	96	166418	25.0	22.0	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	95	257393	125.0	100.0	
73 Toluene	92	7.110	7.110	0.000	99	288855	25.0	22.7	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	93	146488	25.0	21.3	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	91	78401	25.0	20.9	
79 Tetrachloroethene	166	7.651	7.651	0.000	96	134272	25.0	23.5	
82 2-Hexanone	43	7.785	7.785	0.000	94	422566	125.0	100.3	
83 Chlorodibromomethane	129	7.955	7.955	0.000	91	102205	25.0	21.6	
84 Ethylene Dibromide	107	8.065	8.059	0.006	100	101235	25.0	22.0	
85 Chlorobenzene	112	8.551	8.551	0.000	97	319669	25.0	22.4	
88 Ethylbenzene	91	8.649	8.655	-0.006	98	510680	25.0	22.6	
90 m-Xylene & p-Xylene	106	8.777	8.777	0.000	0	216607		23.3	
91 o-Xylene	106	9.202	9.202	0.000	95	210449		22.7	
92 Styrene	104	9.227	9.227	0.000	95	343797	25.0	22.4	
93 Bromoform	173	9.458	9.458	0.000	97	65429	25.0	21.0	
95 Isopropylbenzene	105	9.586	9.586	0.000	95	540654	25.0	23.2	
98 1,1,2,2-Tetrachloroethane	83	9.951	9.957	-0.006	94	124973	25.0	21.8	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	98	274374	25.0	23.2	
113 1,4-Dichlorobenzene	146	10.930	10.924	0.006	96	275185	25.0	23.1	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	260828	25.0	23.2	
117 1,2-Dibromo-3-Chloropropan	75	11.995	11.989	0.006	90	18177	25.0	20.0	
119 1,2,4-Trichlorobenzene	180	12.682	12.688	-0.006	95	171469	25.0	22.2	
S 126 Xylenes, Total	1				0			46.0	

Reagents:

8260 CORP mix_00090	Amount Added: 12.50	Units: uL	
GAS CORP mix_00200	Amount Added: 12.50	Units: uL	
N 8260 IS_00053	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00236	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170118-59834.b\N2602.D

Injection Date: 18-Jan-2017 19:56:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-C-13 MSD

Worklist Smp#: 26

Client ID:

Purge Vol: 5.000 mL

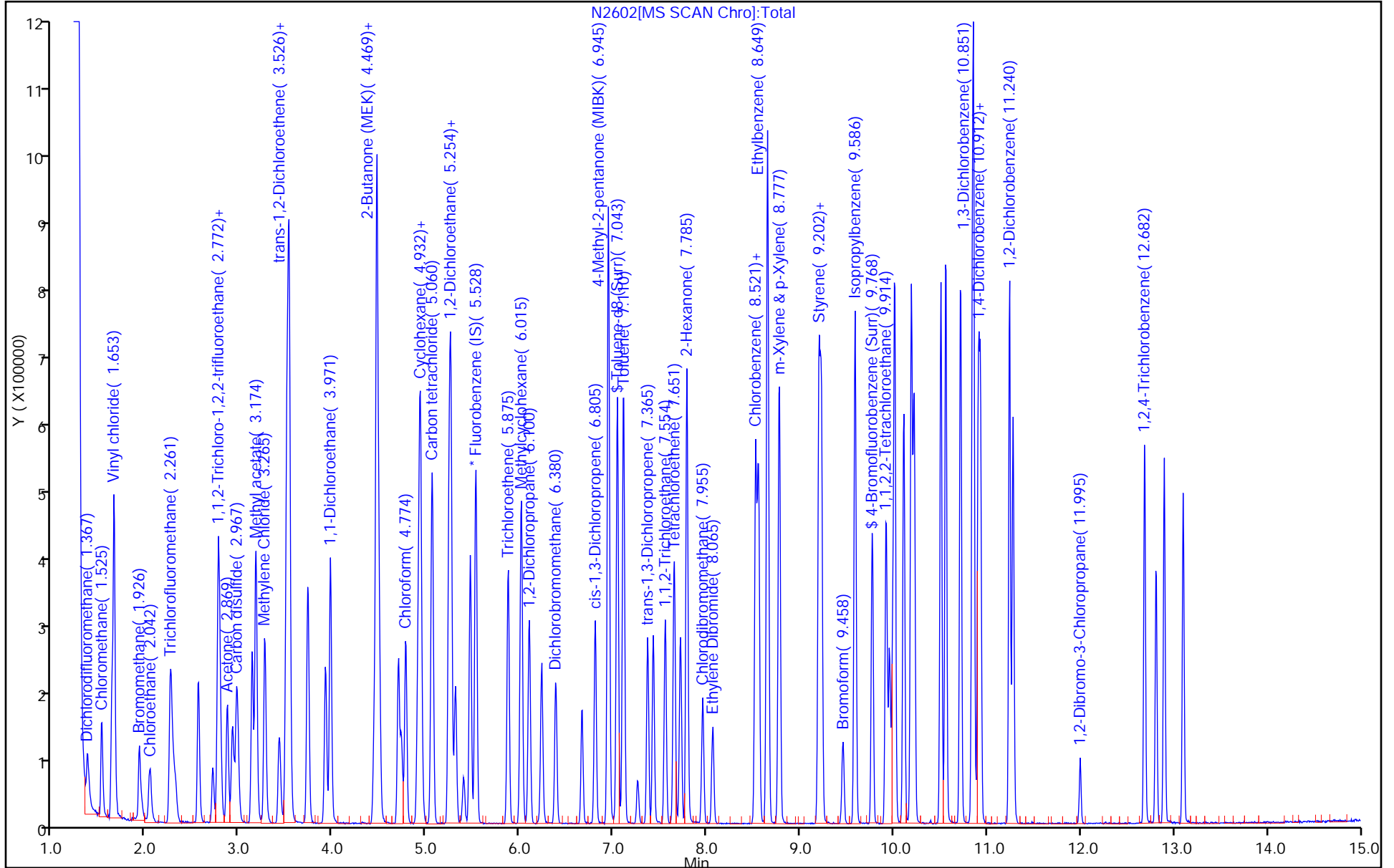
Dil. Factor: 100.0000

ALS Bottle#: 26

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-5 MSD Lab Sample ID: 480-112334-14 MSD
 Matrix: Water Lab File ID: P22081.D
 Analysis Method: 8260C Date Collected: 01/16/2017 15:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 05:32
 Soil Aliquot Vol: _____ Dilution Factor: 50
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1260		50	41
79-34-5	1,1,2,2-Tetrachloroethane	1170		50	11
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1330		50	16
79-00-5	1,1,2-Trichloroethane	1260		50	12
75-34-3	1,1-Dichloroethane	1420		50	19
75-35-4	1,1-Dichloroethene	1310		50	15
120-82-1	1,2,4-Trichlorobenzene	1140		50	21
96-12-8	1,2-Dibromo-3-Chloropropane	1040		50	20
106-93-4	1,2-Dibromoethane	1280		50	37
95-50-1	1,2-Dichlorobenzene	1180		50	40
107-06-2	1,2-Dichloroethane	1310		50	11
78-87-5	1,2-Dichloropropane	1240		50	36
541-73-1	1,3-Dichlorobenzene	1170		50	39
106-46-7	1,4-Dichlorobenzene	1180		50	42
78-93-3	2-Butanone (MEK)	6240		500	66
591-78-6	2-Hexanone	6540		250	62
108-10-1	4-Methyl-2-pentanone (MIBK)	6410		250	110
67-64-1	Acetone	7420		500	150
71-43-2	Benzene	1240		50	21
75-27-4	Bromodichloromethane	1310		50	20
75-25-2	Bromoform	1160		50	13
74-83-9	Bromomethane	1610		50	35
75-15-0	Carbon disulfide	1460		50	9.5
56-23-5	Carbon tetrachloride	1360		50	14
108-90-7	Chlorobenzene	1230		50	38
75-00-3	Chloroethane	1370		50	16
67-66-3	Chloroform	1260		50	17
74-87-3	Chloromethane	1210		50	18
156-59-2	cis-1,2-Dichloroethene	29100		50	41
10061-01-5	cis-1,3-Dichloropropene	1220		50	18
110-82-7	Cyclohexane	1180		50	9.0
124-48-1	Dibromochloromethane	1340		50	16
75-71-8	Dichlorodifluoromethane	1370		50	34
100-41-4	Ethylbenzene	1270		50	37
98-82-8	Isopropylbenzene	1170		50	40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-5 MSD Lab Sample ID: 480-112334-14 MSD
 Matrix: Water Lab File ID: P22081.D
 Analysis Method: 8260C Date Collected: 01/16/2017 15:15
 Sample wt/vol: 5 (mL) Date Analyzed: 01/18/2017 05:32
 Soil Aliquot Vol: _____ Dilution Factor: 50
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340386 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	6240		130	65
1634-04-4	Methyl tert-butyl ether	1230		50	8.0
108-87-2	Methylcyclohexane	1180		50	8.0
75-09-2	Methylene Chloride	1230		50	22
100-42-5	Styrene	1180		50	37
127-18-4	Tetrachloroethene	1290		50	18
108-88-3	Toluene	1240		50	26
156-60-5	trans-1,2-Dichloroethene	1250		50	45
10061-02-6	trans-1,3-Dichloropropene	1280		50	19
79-01-6	Trichloroethene	1450		50	23
75-69-4	Trichlorofluoromethane	1370		50	44
75-01-4	Vinyl chloride	6850		50	45
1330-20-7	Xylenes, Total	2480		100	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22081.D
 Lims ID: 480-112334-A-14 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 18-Jan-2017 05:32:30 ALS Bottle#: 55 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 480-112334-A-14 MSD
 Misc. Info.: 480-0059829-029
 Operator ID: RR Instrument ID: HP5973P
 Method: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P-8260H2O.m
 Limit Group: MV - 8260C ICAL
 Last Update: 18-Jan-2017 09:40:51 Calib Date: 28-Dec-2016 19:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973P\20161228-59466.b\P21673.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK003

First Level Reviewer: farrellr

Date: 18-Jan-2017 09:42:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	9.815	9.821	-0.006	99	104632	25.0	25.0	
* 2 Chlorobenzene-d5	82	13.757	13.757	0.000	85	222508	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	16.750	16.751	-0.001	92	302991	25.0	25.0	
\$ 4 1,2-Dichloroethane-d4 (Sur	67	9.450	9.450	0.000	0	84152	25.0	26.2	
\$ 5 Toluene-d8 (Surr)	98	11.798	11.792	0.006	93	481152	25.0	24.8	
\$ 6 4-Bromofluorobenzene (Surr	174	15.272	15.272	0.000	97	199113	25.0	25.1	
10 Dichlorodifluoromethane	85	3.987	3.981	0.006	99	184648	25.0	27.5	
11 Chloromethane	50	4.285	4.285	0.000	99	165889	25.0	24.3	
17 Vinyl chloride	62	4.528	4.516	0.012	98	719154	25.0	137.0	E
12 Bromomethane	94	5.064	5.064	0.000	91	133844	25.0	32.2	
13 Chloroethane	64	5.198	5.198	0.000	97	131515	25.0	27.4	
14 Trichlorofluoromethane	101	5.599	5.599	0.000	97	283761	25.0	27.3	
16 1,1,2-Trichloro-1,2,2-trif	101	6.244	6.238	0.006	89	181960	25.0	26.6	
25 1,1-Dichloroethene	96	6.287	6.281	0.006	95	175274	25.0	26.2	
24 Acetone	43	6.323	6.317	0.006	100	477441	125.0	148.3	
27 Carbon disulfide	76	6.670	6.670	0.000	100	599730	25.0	29.1	
30 Methyl acetate	43	6.700	6.688	0.012	100	1177478	125.0	124.8	
31 Methylene Chloride	84	6.907	6.901	0.006	94	195380	25.0	24.6	
32 Methyl tert-butyl ether	73	7.163	7.157	0.006	98	517039	25.0	24.5	
35 trans-1,2-Dichloroethene	96	7.230	7.224	0.006	95	184801	25.0	24.9	
40 1,1-Dichloroethane	63	7.753	7.747	0.006	97	398842	25.0	28.4	
44 2-Butanone (MEK)	43	8.398	8.392	0.006	98	757446	125.0	124.8	
43 cis-1,2-Dichloroethene	96	8.446	8.440	0.006	82	4911850	25.0	582.2	E
49 Chloroform	83	8.805	8.793	0.012	95	321026	25.0	25.2	
52 1,1,1-Trichloroethane	97	9.067	9.055	0.012	98	276351	25.0	25.3	
54 Cyclohexane	56	9.134	9.128	0.006	92	382798	25.0	23.6	
55 Carbon tetrachloride	117	9.268	9.262	0.006	95	251506	25.0	27.1	
57 Benzene	78	9.517	9.511	0.006	98	620358	25.0	24.9	
60 1,2-Dichloroethane	62	9.541	9.535	0.006	96	308259	25.0	26.3	
62 Trichloroethene	95	10.271	10.265	0.006	93	218052	25.0	29.0	
64 Methylcyclohexane	83	10.509	10.503	0.006	96	257349	25.0	23.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63	10.582	10.576	0.006	95	196370	25.0	24.8	
70 Dichlorobromomethane	83	10.910	10.904	0.006	97	223363	25.0	26.2	
73 cis-1,3-Dichloropropene	75	11.445	11.440	0.005	92	248863	25.0	24.3	
75 4-Methyl-2-pentanone (MIBK)	43	11.555	11.549	0.006	97	1543753	125.0	128.2	
76 Toluene	92	11.890	11.884	0.006	98	400951	25.0	24.8	
78 trans-1,3-Dichloropropene	75	12.145	12.145	0.000	95	241384	25.0	25.5	
79 1,1,2-Trichloroethane	83	12.425	12.425	0.000	93	141616	25.0	25.1	
80 Tetrachloroethene	166	12.632	12.626	0.006	96	212631	25.0	25.8	
83 2-Hexanone	43	12.638	12.638	0.000	99	1070991	125.0	130.8	
81 Chlorodibromomethane	129	13.009	13.009	0.000	90	201942	25.0	26.9	
85 Ethylene Dibromide	107	13.210	13.204	0.006	98	200662	25.0	25.5	
87 Chlorobenzene	112	13.800	13.800	0.000	96	511028	25.0	24.6	
89 Ethylbenzene	91	13.867	13.867	0.000	98	738579	25.0	25.3	
90 m-Xylene & p-Xylene	106	14.007	14.007	0.000	0	318592		24.7	
93 o-Xylene	106	14.554	14.554	0.000	95	322233		24.8	
94 Styrene	104	14.572	14.573	-0.001	93	479073	25.0	23.7	
92 Bromoform	173	14.925	14.925	0.000	98	163133	25.0	23.2	
95 Isopropylbenzene	105	14.998	14.998	0.000	95	768155	25.0	23.4	
97 1,1,2,2-Tetrachloroethane	83	15.424	15.418	0.006	96	257336	25.0	23.3	
110 1,3-Dichlorobenzene	146	16.677	16.671	0.006	99	474292	25.0	23.5	
111 1,4-Dichlorobenzene	146	16.781	16.781	0.000	96	480001	25.0	23.7	
116 1,2-Dichlorobenzene	146	17.267	17.268	-0.001	99	479829	25.0	23.6	
117 1,2-Dibromo-3-Chloropropan	75	18.235	18.241	-0.006	89	50981	25.0	20.8	
119 1,2,4-Trichlorobenzene	180	19.312	19.312	0.000	94	390658	25.0	22.7	
S 126 Xylenes, Total	1				0			49.5	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Reagents:

GAS CORP mix_00200	Amount Added: 12.50	Units: uL	
8260 CORP mix_00089	Amount Added: 12.50	Units: uL	
P 8260 IS_00195	Amount Added: 1.25	Units: uL	Run Reagent
P 8260 Surr._00207	Amount Added: 1.25	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973P\20170117-59829.b\P22081.D

Injection Date: 18-Jan-2017 05:32:30

Instrument ID: HP5973P

Operator ID: RR

Lims ID: 480-112334-A-14 MSD

Worklist Smp#: 29

Client ID:

Purge Vol: 5.000 mL

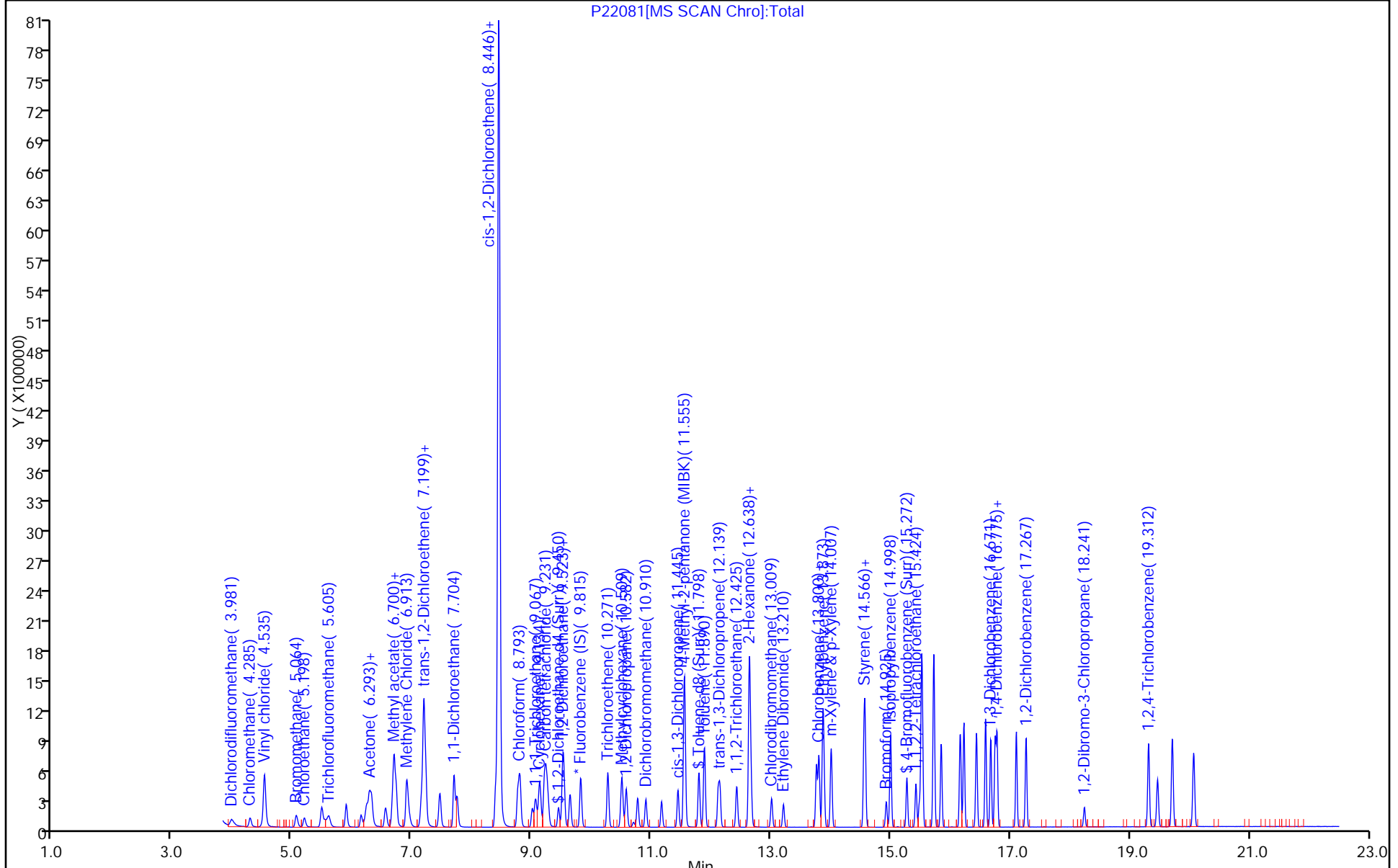
Dil. Factor: 50.0000

ALS Bottle#: 55

Method: P-8260H2O

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-7 MSD Lab Sample ID: 480-112334-15 MSD
 Matrix: Water Lab File ID: N2640.D
 Analysis Method: 8260C Date Collected: 01/16/2017 11:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 19:33
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	491		20	16
79-34-5	1,1,2,2-Tetrachloroethane	431		20	4.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	458		20	6.2
79-00-5	1,1,2-Trichloroethane	432		20	4.6
75-34-3	1,1-Dichloroethane	513		20	7.6
75-35-4	1,1-Dichloroethene	450		20	5.8
120-82-1	1,2,4-Trichlorobenzene	452		20	8.2
96-12-8	1,2-Dibromo-3-Chloropropane	424		20	7.8
106-93-4	1,2-Dibromoethane	462		20	15
95-50-1	1,2-Dichlorobenzene	469		20	16
107-06-2	1,2-Dichloroethane	478		20	4.2
78-87-5	1,2-Dichloropropane	442		20	14
541-73-1	1,3-Dichlorobenzene	476		20	16
106-46-7	1,4-Dichlorobenzene	472		20	17
78-93-3	2-Butanone (MEK)	2250		200	26
591-78-6	2-Hexanone	1920		100	25
108-10-1	4-Methyl-2-pentanone (MIBK)	1960		100	42
67-64-1	Acetone	2140		200	60
71-43-2	Benzene	467		20	8.2
75-27-4	Bromodichloromethane	462		20	7.8
75-25-2	Bromoform	447		20	5.2
74-83-9	Bromomethane	565		20	14
75-15-0	Carbon disulfide	398		20	3.8
56-23-5	Carbon tetrachloride	475		20	5.4
108-90-7	Chlorobenzene	465		20	15
75-00-3	Chloroethane	893		20	6.4
67-66-3	Chloroform	481		20	6.8
74-87-3	Chloromethane	396		20	7.0
156-59-2	cis-1,2-Dichloroethene	471		20	16
10061-01-5	cis-1,3-Dichloropropene	463		20	7.2
110-82-7	Cyclohexane	419		20	3.6
124-48-1	Dibromochloromethane	463		20	6.4
75-71-8	Dichlorodifluoromethane	478		20	14
100-41-4	Ethylbenzene	471		20	15
98-82-8	Isopropylbenzene	462		20	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1
 SDG No.: _____
 Client Sample ID: DPT-7 MSD Lab Sample ID: 480-112334-15 MSD
 Matrix: Water Lab File ID: N2640.D
 Analysis Method: 8260C Date Collected: 01/16/2017 11:30
 Sample wt/vol: 5 (mL) Date Analyzed: 01/19/2017 19:33
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 340630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	1880		50	26
1634-04-4	Methyl tert-butyl ether	441		20	3.2
108-87-2	Methylcyclohexane	435		20	3.2
75-09-2	Methylene Chloride	456		20	8.8
100-42-5	Styrene	477		20	15
127-18-4	Tetrachloroethene	482		20	7.2
108-88-3	Toluene	467		20	10
156-60-5	trans-1,2-Dichloroethene	464		20	18
10061-02-6	trans-1,3-Dichloropropene	454		20	7.4
79-01-6	Trichloroethene	479		20	9.2
75-69-4	Trichlorofluoromethane	520		20	18
75-01-4	Vinyl chloride	518		20	18
1330-20-7	Xylenes, Total	952		40	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2640.D
 Lims ID: 480-112334-C-15 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 19-Jan-2017 19:33:30 ALS Bottle#: 22 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 480-112334-C-15 MSD
 Misc. Info.: 480-0059868-022
 Operator ID: nea Instrument ID: HP5973N
 Method: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-Jan-2017 17:49:18 Calib Date: 27-Nov-2016 02:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20161126-58663.b\N0865.D
 Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: youngmans

Date: 19-Jan-2017 19:51:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.528	5.528	0.000	99	90780	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.521	8.521	0.000	83	342051	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.906	10.906	0.000	93	184050	25.0	25.0	
\$ 5 1,2-Dichloroethane-d4 (Sur	65	5.236	5.236	0.000	0	126006	25.0	25.4	
\$ 6 Toluene-d8 (Surr)	98	7.043	7.043	0.000	92	424791	25.0	24.3	
\$ 7 4-Bromofluorobenzene (Surr	174	9.768	9.768	0.000	96	144582	25.0	24.4	
11 Dichlorodifluoromethane	85	1.373	1.373	0.000	98	104396	25.0	23.9	
13 Chloromethane	50	1.525	1.519	0.006	99	153443	25.0	19.8	
14 Vinyl chloride	62	1.628	1.628	0.000	97	160463	25.0	25.9	
15 Bromomethane	94	1.926	1.932	-0.006	88	77700	25.0	28.2	
16 Chloroethane	64	2.042	2.042	0.000	100	155244	25.0	44.6	
18 Trichlorofluoromethane	101	2.273	2.273	0.000	97	153222	25.0	26.0	
22 1,1-Dichloroethene	96	2.766	2.772	-0.006	97	115637	25.0	22.5	
21 1,1,2-Trichloro-1,2,2-trif	101	2.778	2.784	-0.006	65	111662	25.0	22.9	
23 Acetone	43	2.869	2.863	0.006	100	196731	125.0	107.2	
25 Carbon disulfide	76	2.967	2.967	0.000	99	332450	25.0	19.9	
28 Methyl acetate	43	3.173	3.167	0.006	98	487874	125.0	94.0	
30 Methylene Chloride	84	3.271	3.265	0.006	96	134250	25.0	22.8	
32 Methyl tert-butyl ether	73	3.502	3.496	0.006	96	362364	25.0	22.0	
33 trans-1,2-Dichloroethene	96	3.514	3.508	0.006	99	128275	25.0	23.2	
36 1,1-Dichloroethane	63	3.916	3.916	0.000	96	260421	25.0	25.6	
43 cis-1,2-Dichloroethene	96	4.469	4.469	0.000	81	140375	25.0	23.5	
44 2-Butanone (MEK)	43	4.494	4.494	0.000	100	326674	125.0	112.3	
50 Chloroform	83	4.780	4.773	0.007	94	205274	25.0	24.1	
51 1,1,1-Trichloroethane	97	4.907	4.907	0.000	98	167689	25.0	24.5	
52 Cyclohexane	56	4.932	4.938	-0.006	91	220692	25.0	20.9	
53 Carbon tetrachloride	117	5.053	5.053	0.000	97	147453	25.0	23.7	
55 Benzene	78	5.260	5.260	0.000	97	488762	25.0	23.4	
57 1,2-Dichloroethane	62	5.309	5.309	0.000	96	159241	25.0	23.9	
60 Trichloroethene	95	5.868	5.875	-0.006	95	121156	25.0	23.9	
62 Methylcyclohexane	83	6.014	6.014	0.000	92	200508	25.0	21.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
63 1,2-Dichloropropane	63	6.100	6.100	0.000	96	118476	25.0	22.1	
67 Dichlorobromomethane	83	6.379	6.379	0.000	99	141412	25.0	23.1	
71 cis-1,3-Dichloropropene	75	6.805	6.805	0.000	96	181960	25.0	23.1	
72 4-Methyl-2-pentanone (MIBK)	58	6.945	6.945	0.000	96	256121	125.0	98.2	
73 Toluene	92	7.110	7.103	0.007	98	301632	25.0	23.4	
75 trans-1,3-Dichloropropene	75	7.365	7.365	0.000	92	157942	25.0	22.7	
78 1,1,2-Trichloroethane	83	7.554	7.554	0.000	91	82054	25.0	21.6	
79 Tetrachloroethene	166	7.651	7.651	0.000	96	139772	25.0	24.1	
82 2-Hexanone	43	7.785	7.785	0.000	93	410470	125.0	96.1	
83 Chlorodibromomethane	129	7.955	7.955	0.000	90	110821	25.0	23.2	
84 Ethylene Dibromide	107	8.065	8.059	0.006	97	107568	25.0	23.1	
85 Chlorobenzene	112	8.551	8.551	0.000	96	336892	25.0	23.3	
88 Ethylbenzene	91	8.655	8.649	0.006	98	539243	25.0	23.6	
90 m-Xylene & p-Xylene	106	8.770	8.776	-0.006	0	223530		23.7	
91 o-Xylene	106	9.202	9.196	0.006	95	224263		23.9	
92 Styrene	104	9.227	9.227	0.000	95	370506	25.0	23.8	
93 Bromoform	173	9.458	9.458	0.000	98	70554	25.0	22.3	
95 Isopropylbenzene	105	9.586	9.585	0.001	95	553596	25.0	23.1	
98 1,1,2,2-Tetrachloroethane	83	9.951	9.951	0.001	92	127374	25.0	21.6	
110 1,3-Dichlorobenzene	146	10.839	10.839	0.000	98	289678	25.0	23.8	
113 1,4-Dichlorobenzene	146	10.924	10.930	-0.006	97	289179	25.0	23.6	
116 1,2-Dichlorobenzene	146	11.277	11.277	0.000	99	271378	25.0	23.4	
117 1,2-Dibromo-3-Chloropropan	75	11.995	11.995	0.000	90	19849	25.0	21.2	
119 1,2,4-Trichlorobenzene	180	12.682	12.682	0.000	93	179395	25.0	22.6	
S 126 Xylenes, Total	1				0			47.6	

Reagents:

8260 CORP mix_00090	Amount Added: 12.50	Units: uL	
GAS CORP mix_00201	Amount Added: 12.50	Units: uL	
N 8260 IS_00053	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00237	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20170119-59868.b\N2640.D

Injection Date: 19-Jan-2017 19:33:30

Instrument ID: HP5973N

Operator ID: nea

Lims ID: 480-112334-C-15 MSD

Worklist Smp#: 22

Client ID:

Purge Vol: 5.000 mL

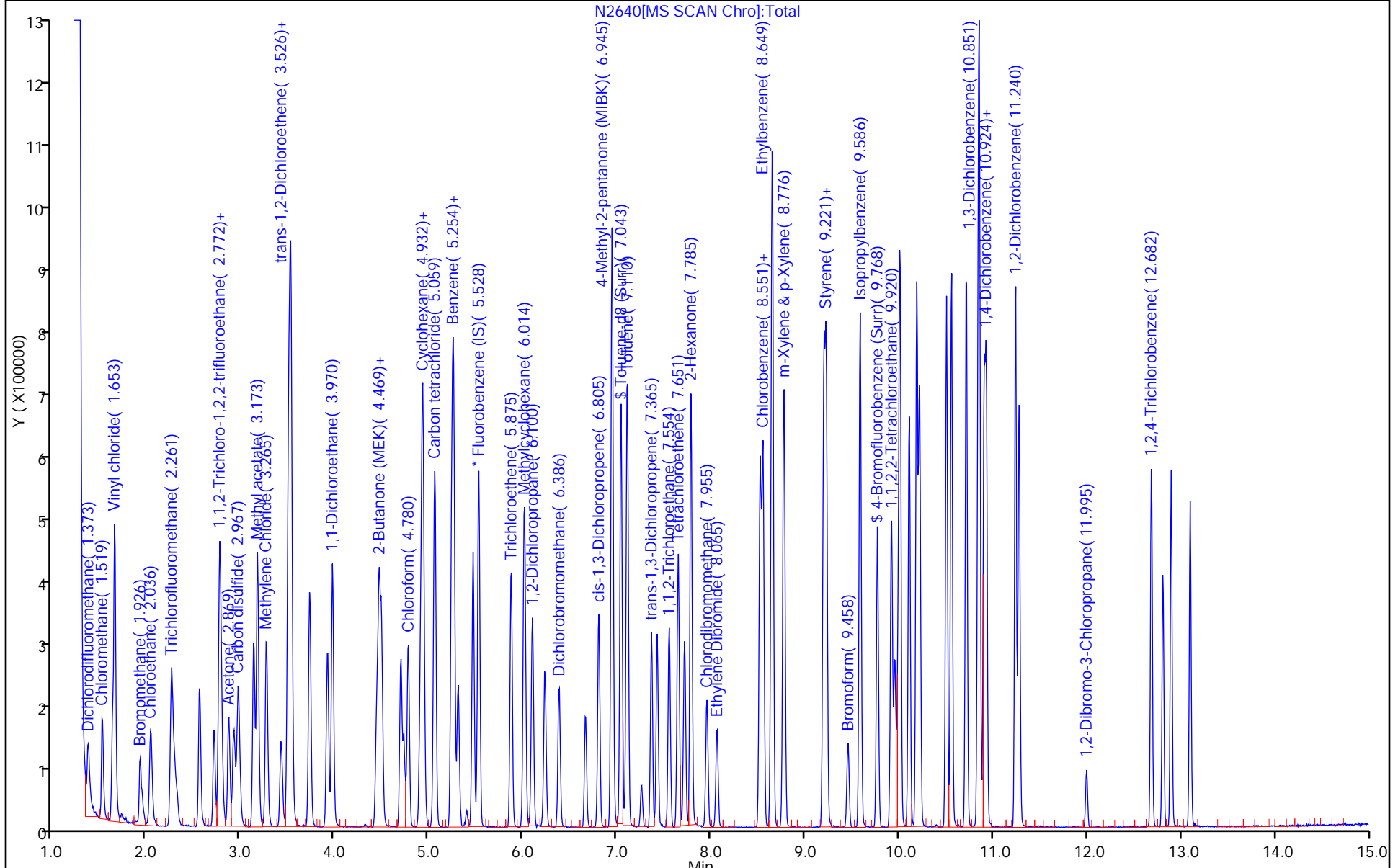
Dil. Factor: 20.0000

ALS Bottle#: 22

Method: N-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-112334-1

SDG No.: _____

Instrument ID: HP5973NStart Date: 11/26/2016 17:58Analysis Batch Number: 333583End Date: 11/27/2016 04:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-333583/3		11/26/2016 17:58	1	N0845.D	ZB-624 (20) 0.18 (mm)
IC 480-333583/5		11/26/2016 18:51	1	N0847.D	ZB-624 (20) 0.18 (mm)
IC 480-333583/6		11/26/2016 19:18	1	N0848.D	ZB-624 (20) 0.18 (mm)
IC 480-333583/7		11/26/2016 19:45	1	N0849.D	ZB-624 (20) 0.18 (mm)
IC 480-333583/8		11/26/2016 20:12	1	N0850.D	ZB-624 (20) 0.18 (mm)
IC 480-333583/9		11/26/2016 20:38	1	N0851.D	ZB-624 (20) 0.18 (mm)
ICIS 480-333583/10		11/26/2016 21:05	1	N0852.D	ZB-624 (20) 0.18 (mm)
IC 480-333583/11		11/26/2016 21:32	1	N0853.D	ZB-624 (20) 0.18 (mm)
IC 480-333583/12		11/26/2016 21:59	1	N0854.D	ZB-624 (20) 0.18 (mm)
MDLV 480-333583/14		11/26/2016 22:52	1		ZB-624 (20) 0.18 (mm)
MDLV 480-333583/15		11/26/2016 23:19	1		ZB-624 (20) 0.18 (mm)
IC 480-333583/17		11/27/2016 00:14	1		ZB-624 (20) 0.18 (mm)
IC 480-333583/18		11/27/2016 00:40	1		ZB-624 (20) 0.18 (mm)
IC 480-333583/19		11/27/2016 01:07	1		ZB-624 (20) 0.18 (mm)
IC 480-333583/20		11/27/2016 01:34	1		ZB-624 (20) 0.18 (mm)
IC 480-333583/21		11/27/2016 02:01	1		ZB-624 (20) 0.18 (mm)
IC 480-333583/22		11/27/2016 02:28	1		ZB-624 (20) 0.18 (mm)
IC 480-333583/23		11/27/2016 02:55	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		11/27/2016 03:22	1		ZB-624 (20) 0.18 (mm)
MDLV 480-333583/25		11/27/2016 03:48	1		ZB-624 (20) 0.18 (mm)
ICV 480-333583/26		11/27/2016 04:15	1		ZB-624 (20) 0.18 (mm)
ICV 480-333583/27		11/27/2016 04:42	1		ZB-624 (20) 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-112334-1

SDG No.: _____

Instrument ID: HP5973NStart Date: 01/18/2017 08:26Analysis Batch Number: 340437End Date: 01/18/2017 19:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-340437/1		01/18/2017 08:26	1	N2577.D	ZB-624 (20) 0.18 (mm)
CCVIS 480-340437/2		01/18/2017 08:54	1	N2578.D	ZB-624 (20) 0.18 (mm)
CCV 480-340437/3		01/18/2017 09:21	1		ZB-624 (20) 0.18 (mm)
LCS 480-340437/4		01/18/2017 09:47	1	N2580.D	ZB-624 (20) 0.18 (mm)
RL 480-340437/5		01/18/2017 10:15	1		ZB-624 (20) 0.18 (mm)
MB 480-340437/6		01/18/2017 10:42	1	N2582.D	ZB-624 (20) 0.18 (mm)
ZZZZZ		01/18/2017 11:22	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/18/2017 11:49	1		ZB-624 (20) 0.18 (mm)
480-112334-11		01/18/2017 12:16	1	N2585.D	ZB-624 (20) 0.18 (mm)
480-112334-13		01/18/2017 12:43	100	N2586.D	ZB-624 (20) 0.18 (mm)
480-112334-14 DL		01/18/2017 13:10	500	N2587.D	ZB-624 (20) 0.18 (mm)
ZZZZZ		01/18/2017 13:37	20		ZB-624 (20) 0.18 (mm)
480-112334-16 DL		01/18/2017 14:04	100	N2589.D	ZB-624 (20) 0.18 (mm)
480-112334-3		01/18/2017 14:33	1	N2590.D	ZB-624 (20) 0.18 (mm)
480-112334-4		01/18/2017 15:00	1	N2591.D	ZB-624 (20) 0.18 (mm)
ZZZZZ		01/18/2017 15:27	100		ZB-624 (20) 0.18 (mm)
480-112334-6		01/18/2017 15:54	1	N2593.D	ZB-624 (20) 0.18 (mm)
480-112334-7		01/18/2017 16:20	100	N2594.D	ZB-624 (20) 0.18 (mm)
ZZZZZ		01/18/2017 16:48	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/18/2017 17:15	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/18/2017 17:42	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/18/2017 18:09	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/18/2017 18:36	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/18/2017 19:03	1		ZB-624 (20) 0.18 (mm)
480-112334-13 MS		01/18/2017 19:30	100	N2601.D	ZB-624 (20) 0.18 (mm)
480-112334-13 MSD		01/18/2017 19:56	100	N2602.D	ZB-624 (20) 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Instrument ID: HP5973N Start Date: 01/19/2017 09:01

Analysis Batch Number: 340630 End Date: 01/19/2017 19:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-340630/1		01/19/2017 09:01	1	N2619.D	ZB-624 (20) 0.18 (mm)
CCVIS 480-340630/2		01/19/2017 09:26	1	N2620.D	ZB-624 (20) 0.18 (mm)
CCV 480-340630/3		01/19/2017 09:52	1		ZB-624 (20) 0.18 (mm)
LCS 480-340630/4		01/19/2017 10:19	1	N2622.D	ZB-624 (20) 0.18 (mm)
RL 480-340630/5		01/19/2017 10:46	1		ZB-624 (20) 0.18 (mm)
MB 480-340630/6		01/19/2017 11:13	1	N2624.D	ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 11:50	5		ZB-624 (20) 0.18 (mm)
480-112334-5		01/19/2017 12:17	1	N2626.D	ZB-624 (20) 0.18 (mm)
480-112334-7 DL		01/19/2017 12:44	400	N2627.D	ZB-624 (20) 0.18 (mm)
480-112334-15		01/19/2017 13:11	20	N2628.D	ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 14:38	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 15:04	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 15:31	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 15:58	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 16:25	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 16:52	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 17:19	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 17:46	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 18:13	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		01/19/2017 18:39	1		ZB-624 (20) 0.18 (mm)
480-112334-15 MS		01/19/2017 19:06	20	N2639.D	ZB-624 (20) 0.18 (mm)
480-112334-15 MSD		01/19/2017 19:33	20	N2640.D	ZB-624 (20) 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-112334-1

SDG No.: _____

Instrument ID: HP5973PStart Date: 12/28/2016 11:34Analysis Batch Number: 338212End Date: 12/28/2016 19:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-338212/3		12/28/2016 11:34	1	P21657.D	ZB-624 (60) 0.25 (mm)
IC 480-338212/5		12/28/2016 12:43	1	P21659.D	ZB-624 (60) 0.25 (mm)
IC 480-338212/6		12/28/2016 13:10	1	P21660.D	ZB-624 (60) 0.25 (mm)
IC 480-338212/7		12/28/2016 13:37	1	P21661.D	ZB-624 (60) 0.25 (mm)
IC 480-338212/8		12/28/2016 14:04	1	P21662.D	ZB-624 (60) 0.25 (mm)
ICIS 480-338212/9		12/28/2016 14:32	1	P21663.D	ZB-624 (60) 0.25 (mm)
IC 480-338212/10		12/28/2016 14:59	1	P21664.D	ZB-624 (60) 0.25 (mm)
IC 480-338212/11		12/28/2016 15:26	1	P21665.D	ZB-624 (60) 0.25 (mm)
IC 480-338212/13		12/28/2016 16:20	1		ZB-624 (60) 0.25 (mm)
IC 480-338212/14		12/28/2016 16:48	1		ZB-624 (60) 0.25 (mm)
IC 480-338212/15		12/28/2016 17:15	1		ZB-624 (60) 0.25 (mm)
IC 480-338212/16		12/28/2016 17:42	1		ZB-624 (60) 0.25 (mm)
IC 480-338212/17		12/28/2016 18:09	1		ZB-624 (60) 0.25 (mm)
IC 480-338212/18		12/28/2016 18:37	1		ZB-624 (60) 0.25 (mm)
IC 480-338212/19		12/28/2016 19:04	1		ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-112334-1

SDG No.: _____

Instrument ID: HP5973PStart Date: 01/17/2017 18:35Analysis Batch Number: 340386End Date: 01/18/2017 05:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-340386/2		01/17/2017 18:35	1	P22058.D	ZB-624 (60) 0.25 (mm)
CCVIS 480-340386/3		01/17/2017 19:03	1	P22059.D	ZB-624 (60) 0.25 (mm)
CCV 480-340386/4		01/17/2017 19:30	1		ZB-624 (60) 0.25 (mm)
LCS 480-340386/5		01/17/2017 19:58	1	P22061.D	ZB-624 (60) 0.25 (mm)
MB 480-340386/7		01/17/2017 20:52	1	P22063.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/17/2017 21:45	25		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/17/2017 22:13	20		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/17/2017 22:40	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/17/2017 23:07	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/17/2017 23:35	1		ZB-624 (60) 0.25 (mm)
480-112334-1		01/18/2017 00:03	1	P22069.D	ZB-624 (60) 0.25 (mm)
480-112334-2		01/18/2017 00:30	1	P22070.D	ZB-624 (60) 0.25 (mm)
480-112334-8		01/18/2017 00:57	1	P22071.D	ZB-624 (60) 0.25 (mm)
480-112334-9		01/18/2017 01:25	1	P22072.D	ZB-624 (60) 0.25 (mm)
480-112334-10		01/18/2017 01:52	20	P22073.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/18/2017 02:20	5		ZB-624 (60) 0.25 (mm)
480-112334-12		01/18/2017 02:47	20	P22075.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/18/2017 03:15	400		ZB-624 (60) 0.25 (mm)
480-112334-14		01/18/2017 03:42	50	P22077.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/18/2017 04:10	20		ZB-624 (60) 0.25 (mm)
480-112334-16		01/18/2017 04:37	40	P22079.D	ZB-624 (60) 0.25 (mm)
480-112334-14 MS		01/18/2017 05:05	50	P22080.D	ZB-624 (60) 0.25 (mm)
480-112334-14 MSD		01/18/2017 05:32	50	P22081.D	ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-112334-1

SDG No.: _____

Instrument ID: HP5973PStart Date: 01/21/2017 00:15Analysis Batch Number: 340879End Date: 01/21/2017 09:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-340879/8		01/21/2017 00:15	1	P22135.D	ZB-624 (60) 0.25 (mm)
IC 480-340879/10		01/21/2017 01:16	1	P22137.D	ZB-624 (60) 0.25 (mm)
IC 480-340879/11		01/21/2017 01:44	1	P22138.D	ZB-624 (60) 0.25 (mm)
IC 480-340879/12		01/21/2017 02:11	1	P22139.D	ZB-624 (60) 0.25 (mm)
IC 480-340879/13		01/21/2017 02:38	1	P22140.D	ZB-624 (60) 0.25 (mm)
ICIS 480-340879/14		01/21/2017 03:06	1	P22141.D	ZB-624 (60) 0.25 (mm)
IC 480-340879/15		01/21/2017 03:33	1	P22142.D	ZB-624 (60) 0.25 (mm)
IC 480-340879/16		01/21/2017 04:01	1	P22143.D	ZB-624 (60) 0.25 (mm)
IC 480-340879/18		01/21/2017 04:55	1		ZB-624 (60) 0.25 (mm)
IC 480-340879/19		01/21/2017 05:23	1		ZB-624 (60) 0.25 (mm)
IC 480-340879/20		01/21/2017 05:50	1		ZB-624 (60) 0.25 (mm)
IC 480-340879/21		01/21/2017 06:18	1		ZB-624 (60) 0.25 (mm)
IC 480-340879/22		01/21/2017 06:45	1		ZB-624 (60) 0.25 (mm)
IC 480-340879/23		01/21/2017 07:12	1		ZB-624 (60) 0.25 (mm)
IC 480-340879/24		01/21/2017 07:40	1		ZB-624 (60) 0.25 (mm)
MDLV 480-340879/26		01/21/2017 08:34	1		ZB-624 (60) 0.25 (mm)
MDLV 480-340879/27		01/21/2017 09:02	1		ZB-624 (60) 0.25 (mm)
ICV 480-340879/28		01/21/2017 09:29	1		ZB-624 (60) 0.25 (mm)
ICV 480-340879/29		01/21/2017 09:57	1		ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Instrument ID: HP5973P Start Date: 01/24/2017 20:56

Analysis Batch Number: 341263 End Date: 01/25/2017 07:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-341263/1		01/24/2017 20:56	1	P22183.D	ZB-624 (60) 0.25 (mm)
CCVIS 480-341263/2		01/24/2017 21:26	1	P22184.D	ZB-624 (60) 0.25 (mm)
CCV 480-341263/3		01/24/2017 21:53	1		ZB-624 (60) 0.25 (mm)
LCS 480-341263/4		01/24/2017 22:20	1	P22186.D	ZB-624 (60) 0.25 (mm)
MB 480-341263/6		01/24/2017 23:15	1	P22188.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/24/2017 23:42	1		ZB-624 (60) 0.25 (mm)
480-112525-1		01/25/2017 00:10	1	P22190.D	ZB-624 (60) 0.25 (mm)
480-112525-2		01/25/2017 00:37	20	P22191.D	ZB-624 (60) 0.25 (mm)
480-112525-3		01/25/2017 01:04	4	P22192.D	ZB-624 (60) 0.25 (mm)
480-112525-4		01/25/2017 01:32	2	P22193.D	ZB-624 (60) 0.25 (mm)
480-112525-5		01/25/2017 01:59	1	P22194.D	ZB-624 (60) 0.25 (mm)
480-112525-6		01/25/2017 02:27	500	P22195.D	ZB-624 (60) 0.25 (mm)
480-112525-7		01/25/2017 02:54	10	P22196.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 03:21	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 03:48	20		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 04:16	8		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 04:43	2		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 05:10	200		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 05:38	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 06:05	20		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 06:32	40		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 07:00	20		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 07:27	20		ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-112334-1

SDG No.: _____

Instrument ID: HP5973P Start Date: 01/25/2017 09:03

Analysis Batch Number: 341308 End Date: 01/25/2017 19:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-341308/1		01/25/2017 09:03	1	P22209.D	ZB-624 (60) 0.25 (mm)
CCVIS 480-341308/2		01/25/2017 09:29	1	P22210.D	ZB-624 (60) 0.25 (mm)
CCV 480-341308/3		01/25/2017 09:56	1		ZB-624 (60) 0.25 (mm)
LCS 480-341308/4		01/25/2017 10:23	1	P22212.D	ZB-624 (60) 0.25 (mm)
MB 480-341308/6		01/25/2017 11:18	1	P22214.D	ZB-624 (60) 0.25 (mm)
480-112525-6 DL		01/25/2017 12:05	1000	P22215.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 12:33	100		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 13:00	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 13:28	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 13:55	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 14:22	500		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 14:50	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 15:17	500		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 15:44	10		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 16:11	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 16:39	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 17:06	200		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 17:33	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 18:01	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 18:28	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 18:55	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 19:23	200		ZB-624 (60) 0.25 (mm)
ZZZZZ		01/25/2017 19:50	200		ZB-624 (60) 0.25 (mm)

GC/MS VOA Worksheet

Batch Number: 480-340386

Date Open: Jan 17 2017 6:35PM

Method: 8260C

Batch End:

Analyst: Farrell, Ryan J

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	8260 CORP mix_00089	ADD CORP mix_00054
BFB~480-340386/2		8260C			1 uL	1 uL	HP5973P		
CCVIS~480-340386/3		8260C			5 mL	5 mL	HP5973P	12.5 uL	
CCV~480-340386/4		8260C			5 mL	5 mL	HP5973P		12.5 uL
LCS~480-340386/5		8260C			5 mL	5 mL	HP5973P	12.5 uL	
MB~480-340386/7		8260C			5 mL	5 mL	HP5973P		
480-112095-A-1-A		8260C	P		5 mL	5 mL	HP5973P		
480-112187-C-5	MW-5	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112333-E-1	EFFLUENT	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112333-E-2	INFLUENT	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112333-A-3	Trip Blank	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112334-A-1	MW-2	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112334-A-2	MW-6	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112334-A-8	GWCT	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112334-A-9	Trip Blank	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112334-A-10	DPT-1	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112334-A-11	DPT-2	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112334-A-12	DPT-3	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112334-A-13	DPT-4	8260C	T	7 SU	5 mL	5 mL	HP5973P		
480-112334-A-14	DPT-5	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112334-A-15	DPT-7	8260C	T	7 SU	5 mL	5 mL	HP5973P		
480-112334-A-16	DPT-8	8260C	T	<2 SU	5 mL	5 mL	HP5973P		
480-112334-A-14~MS		8260C	T	<2 SU	5 mL	5 mL	HP5973P	12.5 uL	
480-112334-A-14~MSD		8260C	T	<2 SU	5 mL	5 mL	HP5973P	12.5 uL	

GC/MS VOA Worksheet

Batch Number: 480-340386

Date Open: Jan 17 2017 6:35PM

Method: 8260C

Batch End:

Analyst: Farrell, Ryan J

Lab ID	Client ID	Method Chain	Basis	BFB_WRK_00059	GAS CORP mix_00200	P 8260 IS_00195	P 8260 Surr._00207
BFB~480-340386/2		8260C		1 uL			
CCVIS~480-340386/3		8260C			12.5 uL	1.25 uL	1.25 uL
CCV~480-340386/4		8260C				1.25 uL	1.25 uL
LCS~480-340386/5		8260C			12.5 uL	1.25 uL	1.25 uL
MB~480-340386/7		8260C				1.25 uL	1.25 uL
480-112095-A-1-A		8260C	P			1.25 uL	1.25 uL
480-112187-C-5	MW-5	8260C	T			1.25 uL	1.25 uL
480-112333-E-1	EFFLUENT	8260C	T			1.25 uL	1.25 uL
480-112333-E-2	INFLUENT	8260C	T			1.25 uL	1.25 uL
480-112333-A-3	Trip Blank	8260C	T			1.25 uL	1.25 uL
480-112334-A-1	MW-2	8260C	T			1.25 uL	1.25 uL
480-112334-A-2	MW-6	8260C	T			1.25 uL	1.25 uL
480-112334-A-8	GWCT	8260C	T			1.25 uL	1.25 uL
480-112334-A-9	Trip Blank	8260C	T			1.25 uL	1.25 uL
480-112334-A-10	DPT-1	8260C	T			1.25 uL	1.25 uL
480-112334-A-11	DPT-2	8260C	T			1.25 uL	1.25 uL
480-112334-A-12	DPT-3	8260C	T			1.25 uL	1.25 uL
480-112334-A-13	DPT-4	8260C	T			1.25 uL	1.25 uL
480-112334-A-14	DPT-5	8260C	T			1.25 uL	1.25 uL
480-112334-A-15	DPT-7	8260C	T			1.25 uL	1.25 uL
480-112334-A-16	DPT-8	8260C	T			1.25 uL	1.25 uL
480-112334-A-14~M		8260C	T		12.5 uL	1.25 uL	1.25 uL
S							
480-112334-A-14~M		8260C	T		12.5 uL	1.25 uL	1.25 uL
SD							

GC/MS VOA Worksheet

Batch Number: 480-340386

Date Open: Jan 17 2017 6:35PM

Method: 8260C

Batch End:

Analyst: Farrell, Ryan J

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
BFB~480-340386/2		8260C		
CCVIS~480-340386/3		8260C		
CCV~480-340386/4		8260C		
LCS~480-340386/5		8260C		
MB~480-340386/7		8260C		
480-112095-A-1-A		8260C	P	
480-112187-C-5	MW-5	8260C	T	
480-112333-E-1	EFFLUENT	8260C	T	
480-112333-E-2	INFLUENT	8260C	T	
480-112333-A-3	Trip Blank	8260C	T	
480-112334-A-1	MW-2	8260C	T	
480-112334-A-2	MW-6	8260C	T	
480-112334-A-8	GWCT	8260C	T	
480-112334-A-9	Trip Blank	8260C	T	
480-112334-A-10	DPT-1	8260C	T	
480-112334-A-11	DPT-2	8260C	T	Rerunning at a lower dilution
480-112334-A-12	DPT-3	8260C	T	
480-112334-A-13	DPT-4	8260C	T	Rerunning at a lower dilution
480-112334-A-14	DPT-5	8260C	T	Rerunning at a higher dilution
480-112334-A-15	DPT-7	8260C	T	Carryover
480-112334-A-16	DPT-8	8260C	T	Rerunning at a higher dilution
480-112334-A-14~MS		8260C	T	
480-112334-A-14~MSD		8260C	T	

GC/MS VOA Worksheet

Batch Number: 480-340437
 Method: 8260C
 Analyst: Youngman, Shawna M

Date Open: Jan 18 2017 8:26AM
 Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	2MTP_WRK_00058	3MTP_WRK_00060
BFB~480-340437/1		8260C			1 uL	1 uL	HP5973N		
CCVIS~480-340437/2		8260C			5 mL	5 mL	HP5973N		
CCV~480-340437/3		8260C			5 mL	5 mL	HP5973N	12.5 uL	12.5 uL
LCS~480-340437/4		8260C			5 mL	5 mL	HP5973N		
RL~480-340437/5					5 mL	5 mL	HP5973N		
MB~480-340437/6		8260C			5 mL	5 mL	HP5973N		
480-112217-J-1	OW-16S	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112217-A-2	TRIP BLANK_20170112	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-B-11	DPT-2	8260C	T	7 SU	5 mL	5 mL	HP5973N		
480-112334-C-13	DPT-4	8260C	T	7 SU	5 mL	5 mL	HP5973N		
480-112334-B-14	DPT-5	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-B-15	DPT-7	8260C	T	7 SU	5 mL	5 mL	HP5973N		
480-112334-B-16	DPT-8	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-A-3	MW-10	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-A-4	MW-11	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-A-5	Duplicate	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-A-6	Rinse	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-A-7	MW-8R	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112352-F-1	A03D	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112352-F-2	A05D	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112352-F-3	A06D	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112352-F-4	A07D	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112352-F-5	A08D	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112352-F-6	A09D	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-C-13~MS		8260C	T	7 SU	5 mL	5 mL	HP5973N		

GC/MS VOA Worksheet

Batch Number: 480-340437
 Method: 8260C
 Analyst: Youngman, Shawna M

Date Open: Jan 18 2017 8:26AM
 Batch End:

Lab ID	Client ID	Method Chain	Basis	8260 CORP mix_00090	ADD CORP mix_00054	BFB_WRK_00059	GAS CORP mix_00200	N 8260 IS_00053	N_8260_Surr_00236
BFB~480-340437/1		8260C				1 uL			
CCVIS~480-340437/2		8260C		12.5 uL			12.5 uL	1 uL	1 uL
CCV~480-340437/3		8260C			12.5 uL			1 uL	1 uL
LCS~480-340437/4		8260C		12.5 uL			12.5 uL	1 uL	1 uL
RL~480-340437/5				1 uL				1 uL	1 uL
MB~480-340437/6		8260C						1 uL	1 uL
480-112217-J-1	OW-16S	8260C	T					1 uL	1 uL
480-112217-A-2	TRIP BLANK_20170112	8260C	T					1 uL	1 uL
480-112334-B-11	DPT-2	8260C	T					1 uL	1 uL
480-112334-C-13	DPT-4	8260C	T					1 uL	1 uL
480-112334-B-14	DPT-5	8260C	T					1 uL	1 uL
480-112334-B-15	DPT-7	8260C	T					1 uL	1 uL
480-112334-B-16	DPT-8	8260C	T					1 uL	1 uL
480-112334-A-3	MW-10	8260C	T					1 uL	1 uL
480-112334-A-4	MW-11	8260C	T					1 uL	1 uL
480-112334-A-5	Duplicate	8260C	T					1 uL	1 uL
480-112334-A-6	Rinse	8260C	T					1 uL	1 uL
480-112334-A-7	MW-8R	8260C	T					1 uL	1 uL
480-112352-F-1	A03D	8260C	T					1 uL	1 uL
480-112352-F-2	A05D	8260C	T					1 uL	1 uL
480-112352-F-3	A06D	8260C	T					1 uL	1 uL
480-112352-F-4	A07D	8260C	T					1 uL	1 uL
480-112352-F-5	A08D	8260C	T					1 uL	1 uL
480-112352-F-6	A09D	8260C	T					1 uL	1 uL
480-112334-C-13~MS		8260C	T	12.5 uL			12.5 uL	1 uL	1 uL

GC/MS VOA Worksheet

Batch Number: 480-340437
Method: 8260C
Analyst: Youngman, Shawna M

Date Open: Jan 18 2017 8:26AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	2MTP_WRK_00058	3MTP_WRK_00060
480-112334-C-13~M SD		8260C	T	7 SU	5 mL	5 mL	HP5973N		

GC/MS VOA Worksheet

Batch Number: 480-340437
Method: 8260C
Analyst: Youngman, Shawna M

Date Open: Jan 18 2017 8:26AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	8260 CORP mix_00090	ADD CORP mix_00054	BFB_WRK_00059	GAS CORP mix_00200	N 8260 IS_00053	N_8260_Surr_00236
480-112334-C-13~M SD		8260C	T	12.5 uL			12.5 uL	1 uL	1 uL

GC/MS VOA Worksheet

Batch Number: 480-340437
 Method: 8260C
 Analyst: Youngman, Shawna M

Date Open: Jan 18 2017 8:26AM
 Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
BFB~480-340437/1		8260C		
CCVIS~480-340437/2		8260C		
CCV~480-340437/3		8260C		
LCS~480-340437/4		8260C		
RL~480-340437/5				
MB~480-340437/6		8260C		
480-112217-J-1	OW-16S	8260C	T	
480-112217-A-2	TRIP	8260C	T	
	BLANK_20170112			
480-112334-B-11	DPT-2	8260C	T	
480-112334-C-13	DPT-4	8260C	T	
480-112334-B-14	DPT-5	8260C	T	
480-112334-B-15	DPT-7	8260C	T	RA needed for +detect of compound failure in QC.
480-112334-B-16	DPT-8	8260C	T	
480-112334-A-3	MW-10	8260C	T	
480-112334-A-4	MW-11	8260C	T	
480-112334-A-5	Duplicate	8260C	T	A lower dilution is needed.
480-112334-A-6	Rinse	8260C	T	
480-112334-A-7	MW-8R	8260C	T	
480-112352-F-1	A03D	8260C	T	
480-112352-F-2	A05D	8260C	T	
480-112352-F-3	A06D	8260C	T	
480-112352-F-4	A07D	8260C	T	
480-112352-F-5	A08D	8260C	T	
480-112352-F-6	A09D	8260C	T	
480-112334-C-13~M		8260C	T	
S				

GC/MS VOA Worksheet

Batch Number: 480-340437
Method: 8260C
Analyst: Youngman, Shawna M

Date Open: Jan 18 2017 8:26AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
480-112334-C-13~M SD		8260C	T	

GC/MS VOA Worksheet

Batch Number: 480-340630
 Method: 8260C
 Analyst: Youngman, Shawna M

Date Open: Jan 19 2017 9:01AM
 Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	2MTP_WRK_00058	3MTP_WRK_00060
BFB~480-340630/1		8260C			1 uL	1 uL	HP5973N		
CCVIS~480-340630/2		8260C			5 mL	5 mL	HP5973N		
CCV~480-340630/3		8260C			5 mL	5 mL	HP5973N	12.5 uL	12.5 uL
LCS~480-340630/4		8260C			5 mL	5 mL	HP5973N		
RL~480-340630/5					5 mL	5 mL	HP5973N		
MB~480-340630/6		8260C			5 mL	5 mL	HP5973N		
480-112103-C-1-A		8260C	T	- SU	100 uL	5 mL	HP5973N		
480-112334-B-5	Duplicate	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-B-7	MW-8R	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-C-15	DPT-7	8260C	T	7 SU	5 mL	5 mL	HP5973N		
480-112448-C-1	Field Duplicate	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112448-C-3	KW-6R	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112448-C-4	MW-1D	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112448-C-5	MW-21DR	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112448-C-6	MW-21SR	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112448-C-7	MW-23DR	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112448-C-8	MW-241	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112448-C-9	MW-242	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112448-C-10	MW-243	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112448-C-14	MW-33DR	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-112334-C-15~M S		8260C	T	7 SU	5 mL	5 mL	HP5973N		
480-112334-C-15~M SD		8260C	T	7 SU	5 mL	5 mL	HP5973N		

GC/MS VOA Worksheet

Batch Number: 480-340630
 Method: 8260C
 Analyst: Youngman, Shawna M

Date Open: Jan 19 2017 9:01AM
 Batch End:

Lab ID	Client ID	Method Chain	Basis	8260 CORP mix_00090	ADD CORP mix_00054	BFB_WRK_00059	GAS CORP mix_00201	N 8260 IS_00053	N_8260_Surr_00237
BFB~480-340630/1		8260C				1 uL			
CCVIS~480-340630/ 2		8260C		12.5 uL			12.5 uL	1 uL	1 uL
CCV~480-340630/3		8260C			12.5 uL			1 uL	1 uL
LCS~480-340630/4		8260C		12.5 uL			12.5 uL	1 uL	1 uL
RL~480-340630/5				1 uL	1 uL		1 uL	1 uL	1 uL
MB~480-340630/6		8260C						1 uL	1 uL
480-112103-C-1-A		8260C	T					1 uL	1 uL
480-112334-B-5	Duplicate	8260C	T					1 uL	1 uL
480-112334-B-7	MW-8R	8260C	T					1 uL	1 uL
480-112334-C-15	DPT-7	8260C	T					1 uL	1 uL
480-112448-C-1	Field Duplicate	8260C	T					1 uL	1 uL
480-112448-C-3	KW-6R	8260C	T					1 uL	1 uL
480-112448-C-4	MW-1D	8260C	T					1 uL	1 uL
480-112448-C-5	MW-21DR	8260C	T					1 uL	1 uL
480-112448-C-6	MW-21SR	8260C	T					1 uL	1 uL
480-112448-C-7	MW-23DR	8260C	T					1 uL	1 uL
480-112448-C-8	MW-241	8260C	T					1 uL	1 uL
480-112448-C-9	MW-242	8260C	T					1 uL	1 uL
480-112448-C-10	MW-243	8260C	T					1 uL	1 uL
480-112448-C-14	MW-33DR	8260C	T					1 uL	1 uL
480-112334-C-15~M S		8260C	T	12.5 uL			12.5 uL	1 uL	1 uL
480-112334-C-15~M SD		8260C	T	12.5 uL			12.5 uL	1 uL	1 uL

Shipping and Receiving Documents

Client Information Client Contact: Mr. Dino Zack Company: AECOM, Inc. Address: 257 West Genesee Street Suite 400 City: Buffalo State/Zip: NY, 14202-2657 Phone: 716 866 8222 Email: dino.zack@aecom.com Project Name: Scott Aviation site Site: New York		Lab P/I: Fischer, Brian J E-Mail: brian.fischer@testamericainc.com Carrier Tracking No(s): COC No: 480-92319-3450.1 Page: Page 1 of 3 Job #:	
Due Date Requested: TAT Requested (days): <u>Standard TAT</u> PO #: <u>716 866 8222</u> Purchase Order not requir Project #: 48002539 SSOW#:		Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic I - Ice J - DI Water K - EDTA L - EDA Other:	
Sample Identification Sample Date: 1/17/17 Sample Time: 0800 Sample Type (C=Comp, G=grab): G Matrix (W=water, S=solid, O=soil, BT=TESTA, AF=Air)		Total Number of Containers: 3 Special Instructions/Note:	
Sample Date: 1/17/17 Sample Time: 1000 Sample Type: G Matrix: Water		Field Filtered Sample (Yes or No): X 8260C - TCL list OLM04.2	
Sample Date: 1/17/17 Sample Time: 0915 Sample Type: G Matrix: Water		Field Filtered Sample (Yes or No): X 8260C - TCL list OLM04.2	
Sample Date: 1/17/17 Sample Time: 1120 Sample Type: G Matrix: Water		Field Filtered Sample (Yes or No): X 8260C - TCL list OLM04.2	
Sample Date: 1/17/17 Sample Time: 0630 Sample Type: G Matrix: Water		Field Filtered Sample (Yes or No): X 8260C - TCL list OLM04.2	
Sample Date: 1/17/17 Sample Time: 0730 Sample Type: G Matrix: Water		Field Filtered Sample (Yes or No): X 8260C - TCL list OLM04.2	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by: <u>Dino Zack</u> Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u>		Method of Shipment:	
Date/Time: 1/17/17 12:45 Date/Time: 1/17/17 16:20 Date/Time:		Date/Time: 1/17/17 15:45 Date/Time: 1-17-17 1820 Date/Time:	
Company: AECOM Company: <u>[Signature]</u> Company: <u>[Signature]</u>		Company: <u>[Signature]</u> Company: <u>[Signature]</u> Company:	
Custody Seal Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2.9 #1	

Chain of Custody Record

Client Information Company: AECOM, Inc. Address: 257 West Genesee Street, Suite 400 City: Buffalo State, Zip: NY, 14202-2657 Phone: 716 866 8222 Email: dino.zack@aecom.com Project Name: Scott Aviation site Site: New York		Lab P.M.: Fischer, Brian J E-Mail: brian.fischer@testamericainc.com Carrier Tracking No(s): COC No: 480-92319-3450.2 Page: Page 2 of 3 Job #:	
Due Date Requested: TAT Requested (days): Standard PO #: Purchase Order not requir WO #: Project #: 48002539 SSO#:		Analysis Requested	
Sample Identification MW-198 6:22 MW-8R MW-100 222 GWCT Trip DPT-1 DPT-2 DPT-3 DPT-4 DPT-5 DPT-7		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> A Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> A 826C - TCL list OLM04.2 Total Number of Containers: 3 Special Instructions/Note:	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by: (Dino Zack) Relinquished by: (Dino Zack) Relinquished by: (Dino Zack) Relinquished by: (Dino Zack)		Date: 1/17/17 12:55 Date: 1/17/17 16:20 Date: 1/17/17 16:20 Date: 1/17/17 16:20	
Custody Seals Intact Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks:	

Chain of Custody Record

Client Information		Sampler: Dino Zack		Lab PM: Fischer, Brian J		Carrier Tracking No(s):	
Client Contact: Mr. Dino Zack		Phone: 716 866 8222		E-Mail: brian.fischer@testamericainc.com		COC No: 480-92319-3450.3	
Company: AECOM, Inc.		Due Date Requested:		Analysis Requested		Page: Page 3 of 3	
Address: 257 West Genesee Street Suite 400		TAT Requested (days): Standard		Preservation Codes:		Job #:	
City: Buffalo		FO #: 716 866 8222		A - HCL		M - Hexane	
State, Zip: NY, 14202-2657		Purchase Order not requir		B - NaOH		N - None	
Phone: 716 866 8222		MO #:		C - Zn Acetate		O - Ashlad2	
Email: dino.zack@aecom.com		Project #: 48002539		D - Nitric Acid		P - Na2O4S	
Project Name: Scott Aviation site		SSOW#: New York		E - NaHSO4		Q - Na2SO3	
Site: New York		Sample Date: 1/16/17		F - MeOH		R - Na2SO3	
Sample Identification		Sample Time: 1100		G - Arnrchlor		S - H2SO4	
DPT-8		Sample Type (C=Comp, G=grab): G		H - Ascorbic Acid		T - TSP Dodecahydrate	
Matrix (W=water, S=solid, O=wateroil, B=Trisak, A=Al)		Preservation Code: Water		I - Ice		U - Acetone	
Field Filtered Sample (Yes or No): X		Perform MS/MSD (Yes or No): X		J - DI Water		V - NCAAA	
8280C - TCL list OLM04.2		Total Number of Containers: 3		K - EDTA		W - pH 4.5	
Special Instructions/Note:		Special Instructions/Note:		L - EDA		Z - other (specify)	
Other:		Other:		Other:		Other:	

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Radiological
<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input type="checkbox"/> Return To Client	<input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by: Dino Zack		Special Instructions/QC Requirements:	
Relinquished by: Dino Zack		Method of Shipment:	
Relinquished by: Dino Zack		Date/Time: 1/17/17 12:45	
Relinquished by: Dino Zack		Date/Time: 1/17/17 16:20	
Relinquished by: Dino Zack		Date/Time: 1/17/17 16:20	
Custody Seals Intact		Cooler Temperature(s) °C and Other Remarks:	
A. Yes Δ No			

Regulatory Program: DW NPDES RCRA Other:

Client Contact
Company Name: **AECOM**
Address: **257 West Genesee Street**
City/State/Zip: **Buffalo, NY 14202**
Phone: **716 866 8222**
Fax:
Project Name: **Scott Aviation Site**
Site: **New York**
P.O.#

Project Manager: **Dina Zack**
Tel/Fax:
Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Site Contact: **Dina Zack** Date: **1/19/17**
Lab Contact: **Brian Fischer** Carrier:
COC No: **1** of **1** COCs

Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:	
								Sampler:	Job / SDG No.:
MW-3	1/19/17	0800	G	Water	3				
MW-4	1/19/17	1020	G	Water	3				
MW-12	1/19/17	0930	G	Water	3				
MW-13 S	1/19/17	1130	G	Water	3				
MW-13 D	1/19/17	1215	G	Water	3				
MW-16 S	1/19/17	1340	G	Water	3				
MW-16 D	1/19/17	1430	G	Water	3				

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seal No.: **22** Corr'd: **#3**
Cooler Temp. (°C): Obs'd: _____

Relinquished by: **Dina Zack** Company: **AECOM** Date/Time: **1/19/17**
 Relinquished by: **Brian Fischer** Company: **ABW** Date/Time: **1/20/17 1100**
 Relinquished by: _____ Company: _____ Date/Time: _____

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-112334-1

Login Number: 112334
List Number: 1
Creator: Conway, Curtis R

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-112334-1

Login Number: 112525

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	