Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010480.D
Acq On : 27 Jun 2019 11:49
Operator : JC/SP
Sample : K3543-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BP-TT-MW202D1-GW-20190625

Quant Time: Jun 28 06:45:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122467	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.76%			
35) Dibromofluoromethane	5.50	113	122126	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
50) Toluene-d8	8.71	98	471063	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.20%			
62) 4-Bromofluorobenzene	11.13	95	152519	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.76%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	992	0.477	ug/l #	76
5) Bromomethane	1.66	94	407	0.367	ug/l	98
6) Chloroethane	1.69	64	561	0.418	ug/l #	41
11) Tert butyl alcohol	3.02	59	914	1.451	ug/l #	91
13) Acrolein	2.28	56	299	0.716	ug/l	90
16) Acetone	2.45	43	2804	2.324	ug/l	88
19) Methyl tert-butyl Ether	3.20	73	9811	1.401	ug/l	93
20) Methylene Chloride	2.87	84	842	0.339	ug/l #	74
21) trans-1,2-Dichloroethene	3.18	96	816	0.341	ug/l #	64
22) Diisopropyl ether	3.86	45	5507	0.834	ug/l #	76
24) 1,1-Dichloroethane	3.70	63	3415	0.894	ug/l #	93
27) cis-1,2-Dichloroethene	4.60	96	44619	16.133	ug/l	91
29) Tetrahydrofuran	5.11	42	223	0.203	ug/l #	44
30) Chloroform	5.22	83	4947	1.204	ug/l	91
31) Cyclohexane	5.57	56	770	0.221	ug/l #	60
36) 1,1-Dichloropropene	5.66	75	15656	4.954	ug/l #	48
38) Carbon Tetrachloride	5.67	117	23096	6.749	ug/l #	14
40) Benzene	6.15	78	9210	0.935	ug/l	94
42) 1,2-Dichloroethane	6.20	62	1326	0.442	ug/l	90
44) Trichloroethene	7.21	130	34337	11.655	ug/l	95
49) 1,4-Dioxane	7.79	88	21	0.292	ug/l #	1
60) Dibromochloromethane	9.34	129	44657	14.915	ug/l #	11
64) Tetrachloroethene	9.34	164	50404	17.384	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	72198	24.352	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	72198	56.810	ug/l #	16

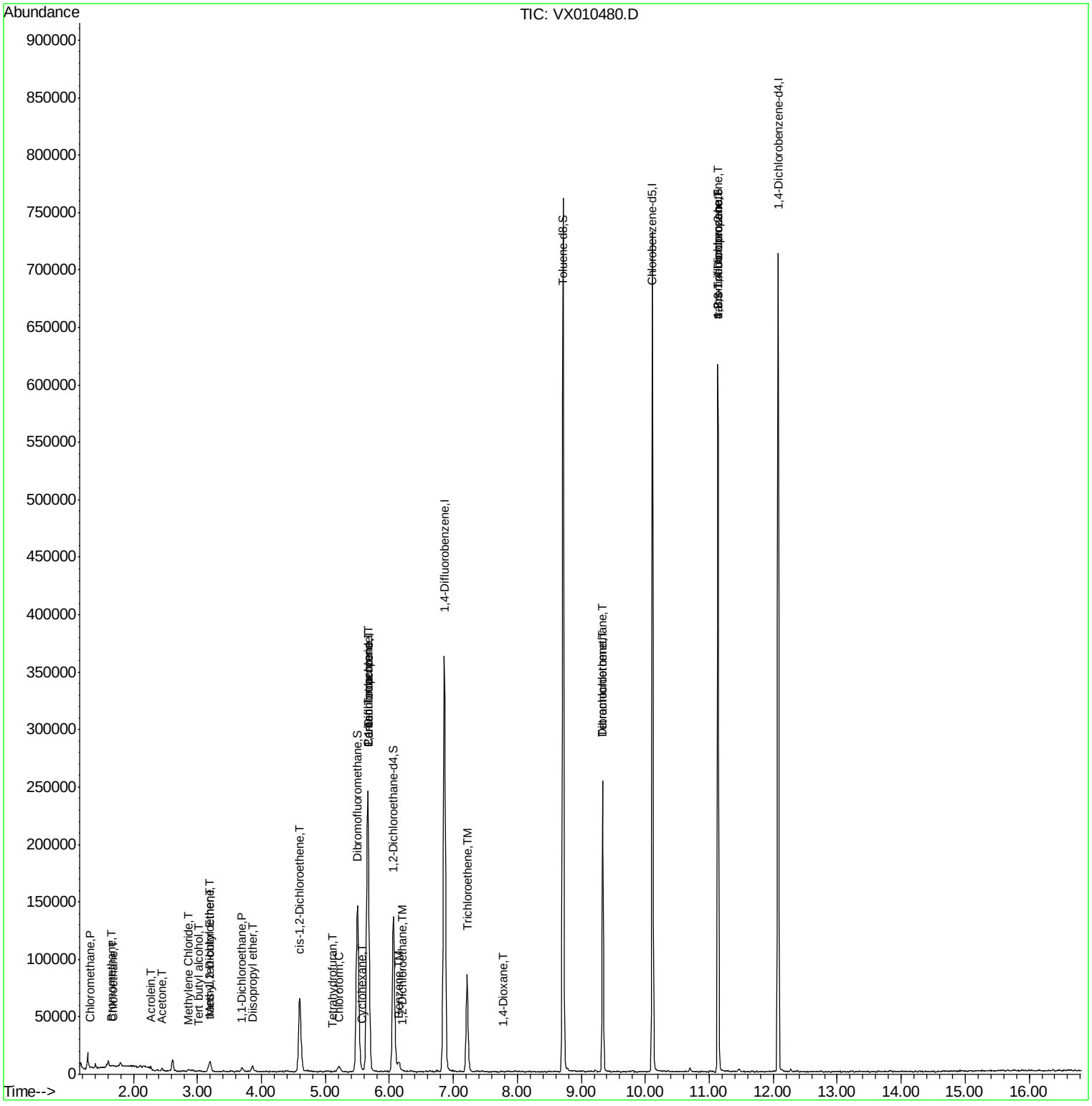
(#) = qualifier out of range (m) = manual integration (+) = signals summed

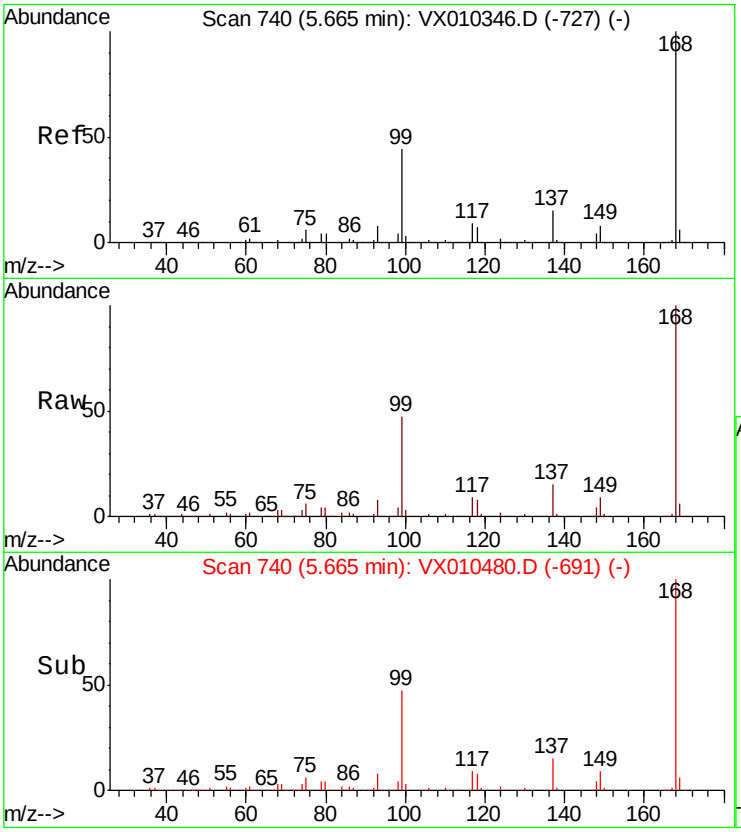
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010480.D
Acq On : 27 Jun 2019 11:49
Operator : JC/SP
Sample : K3543-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Quant Time: Jun 28 06:45:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



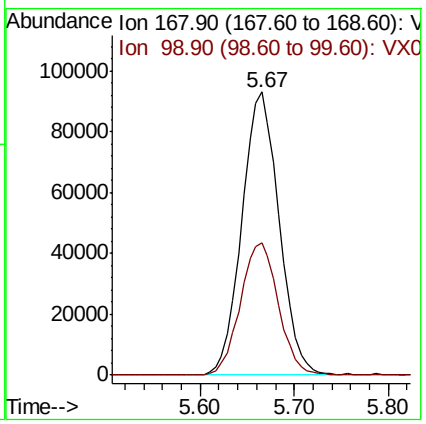


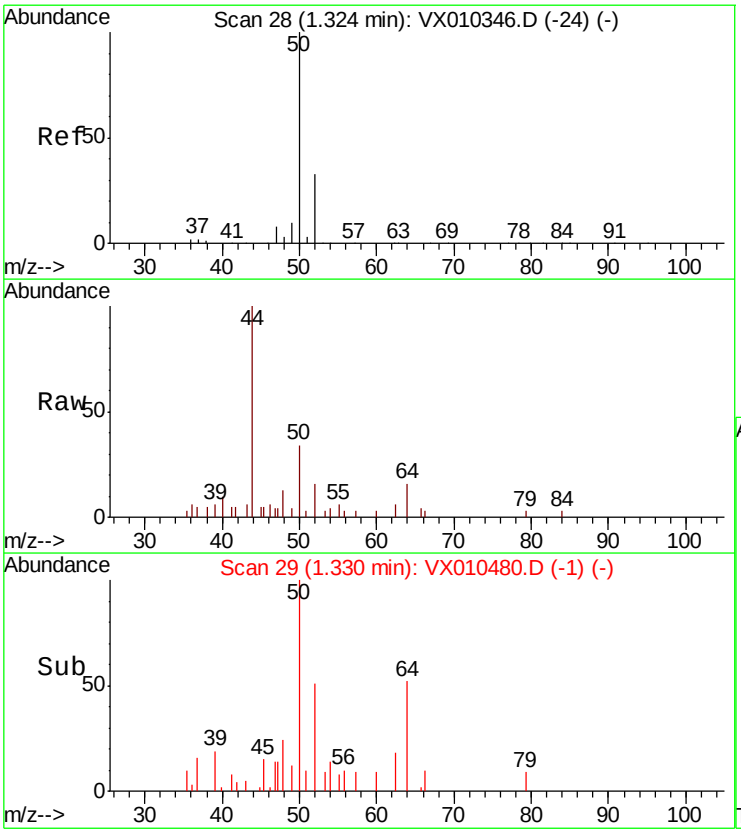
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:168 Resp: 256732

Ion	Ratio	Lower	Upper
168	100		
99	46.5	35.5	53.3

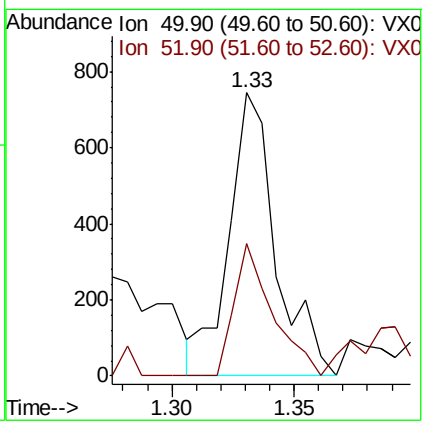


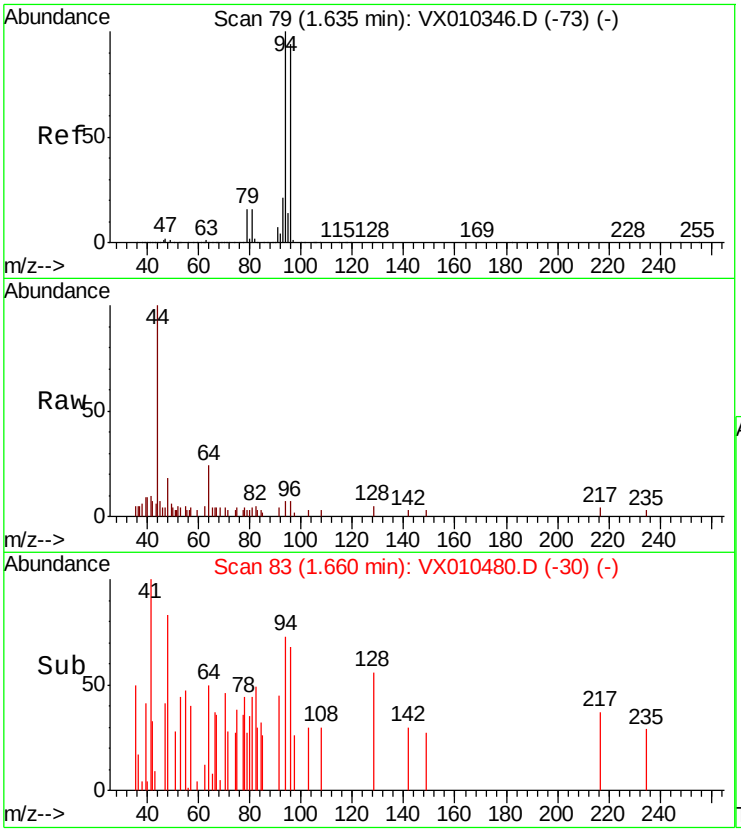


#3
Chloromethane
Concen: 0.477 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 50 Resp: 992

Ion	Ratio	Lower	Upper
50	100		
52	46.9	26.5	39.7#



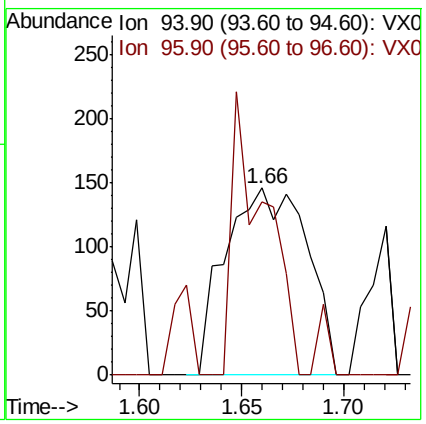


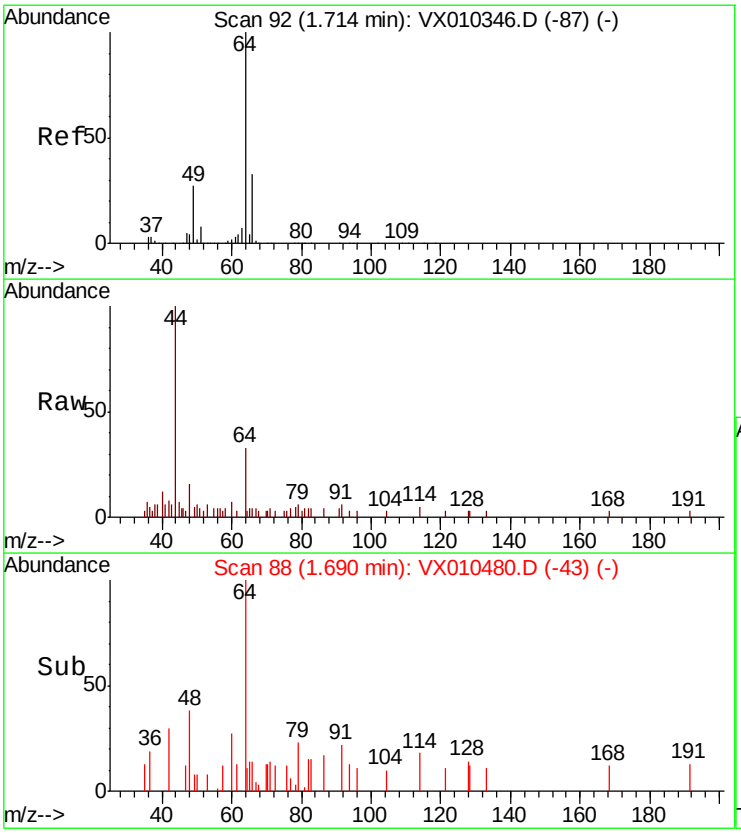
#5
Bromomethane
Concen: 0.367 ug/l
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 94 Resp: 407

Ion	Ratio	Lower	Upper
94	100		
96	92.5	75.5	113.3

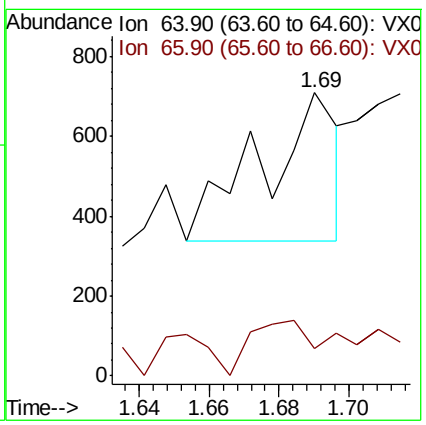


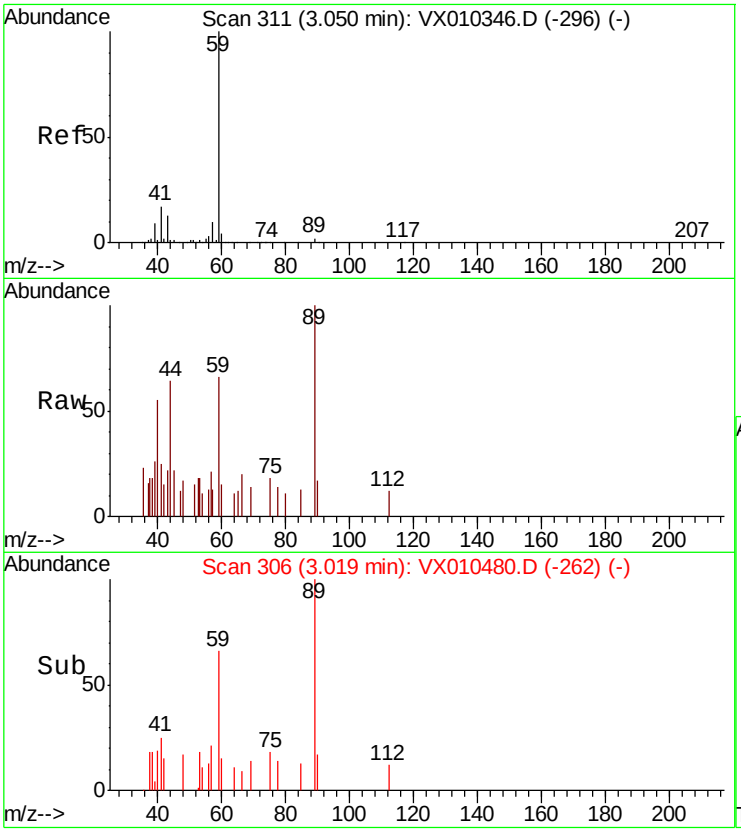


#6
Chloroethane
Concen: 0.418 ug/l
RT: 1.69 min Scan# 88
Delta R.T. -0.02 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 64 Resp: 561

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#



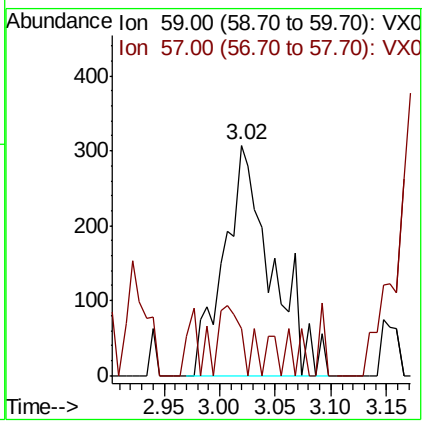


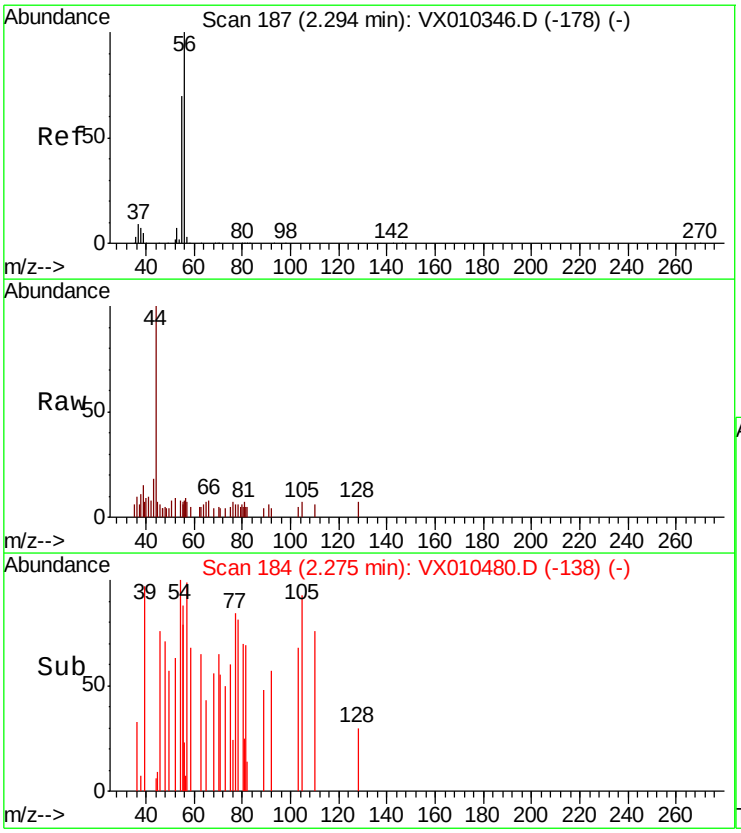
#11
Tert butyl alcohol
Concen: 1.451 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 59 Resp: 914

Ion	Ratio	Lower	Upper
59	100		
57	12.9	7.7	11.5#

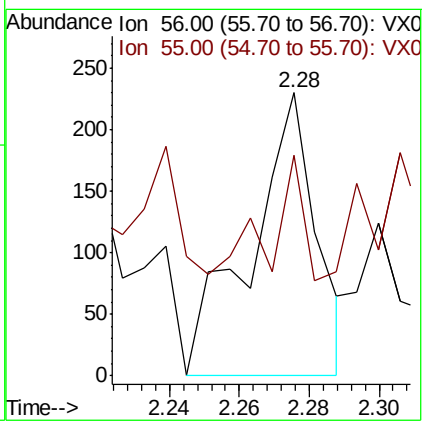


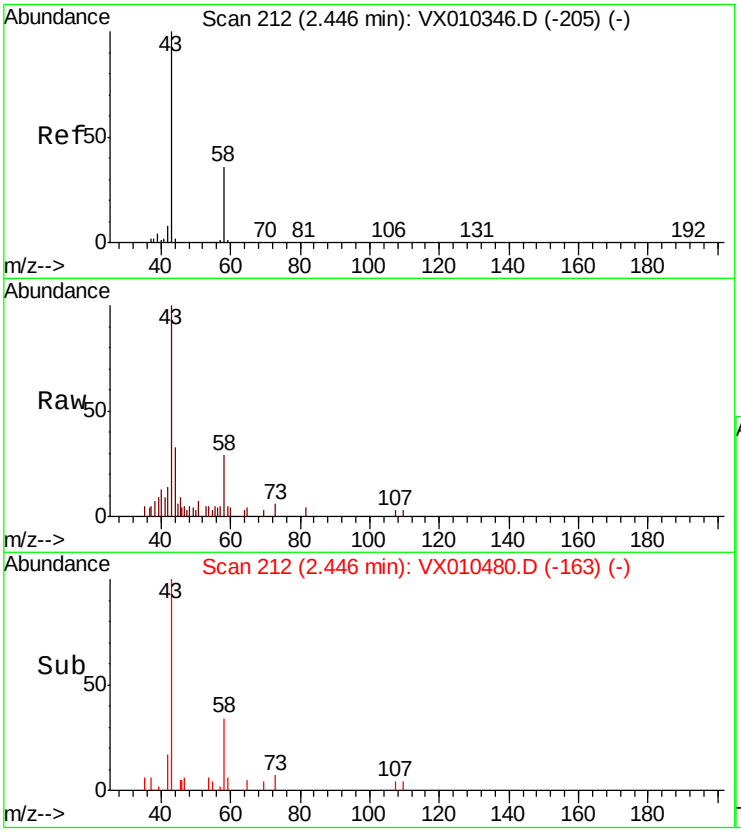


#13
Acrolein
Concen: 0.716 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 56 Resp: 299

Ion	Ratio	Lower	Upper
56	100		
55	79.6	56.9	85.3



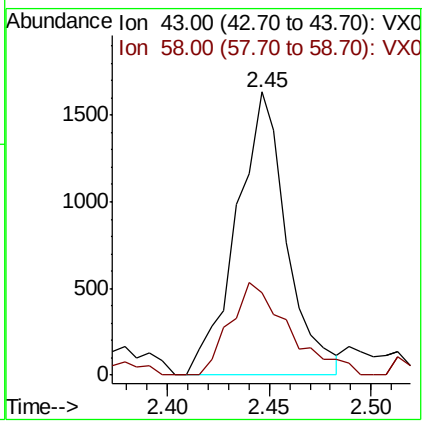


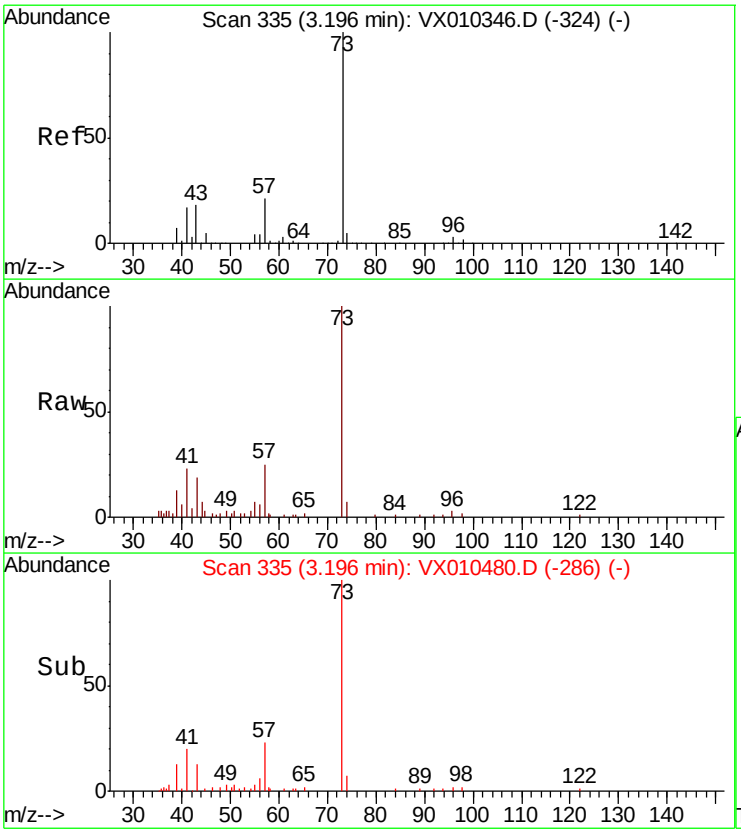
#16
Acetone
Concen: 2.324 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 43 Resp: 2804

Ion	Ratio	Lower	Upper
43	100		
58	29.2	28.9	43.3

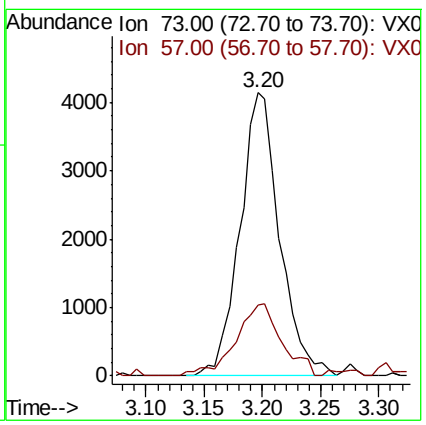


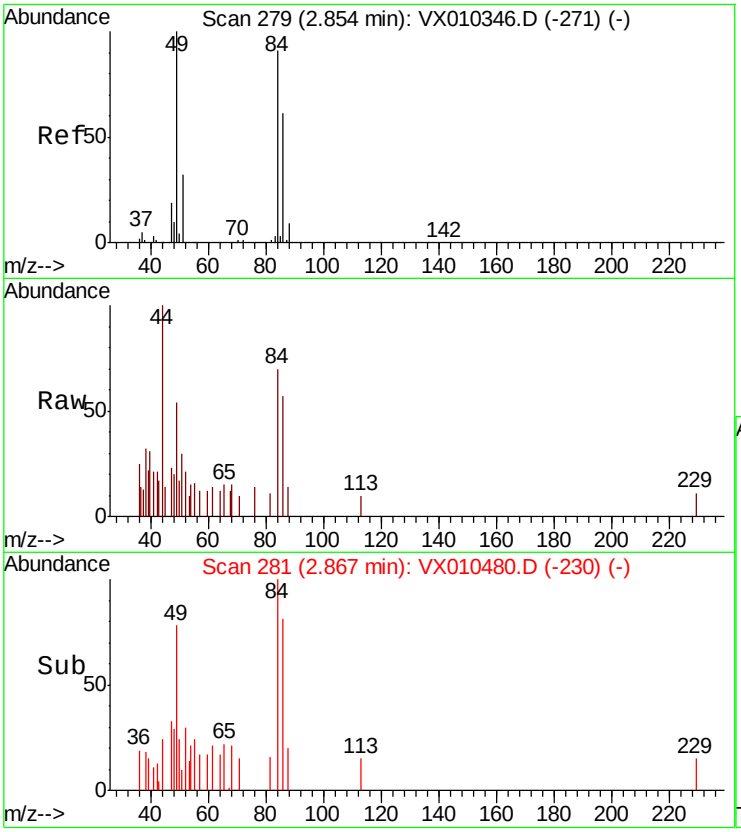


#19
Methyl tert-butyl Ether
Concen: 1.401 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 73 Resp: 9811

Ion	Ratio	Lower	Upper
73	100		
57	23.7	16.4	24.6



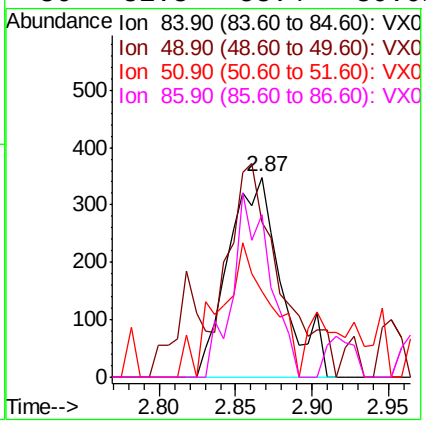


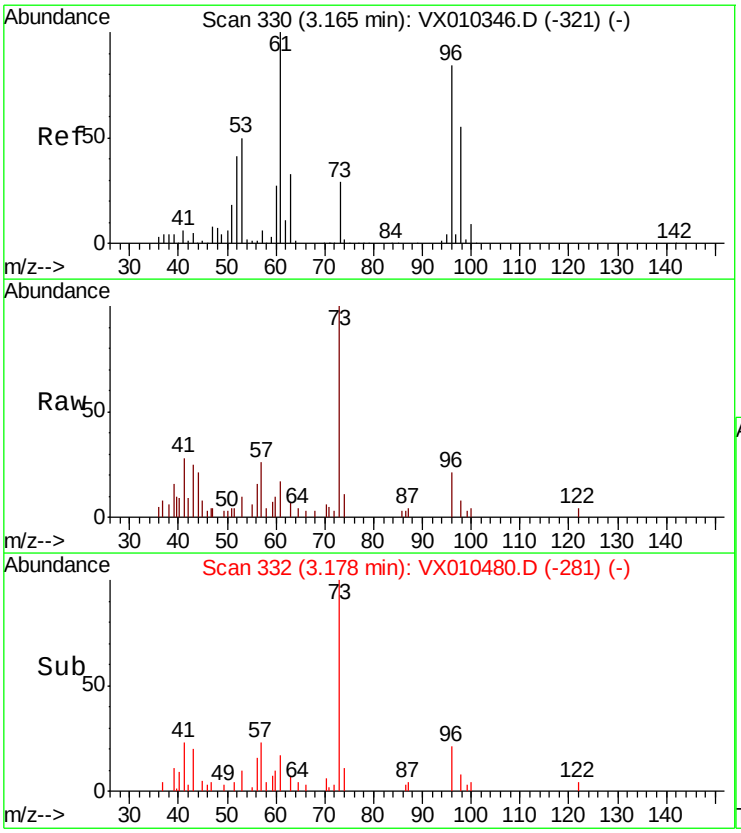
#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument : MSVOA_X
ClientSampleId : BP-TT-MW202D1-GW-20190625

Tgt Ion: 84 Resp: 842

Ion	Ratio	Lower	Upper
84	100		
49	77.6	87.5	131.3#
51	20.4	27.7	41.5#
86	81.3	53.4	80.0#

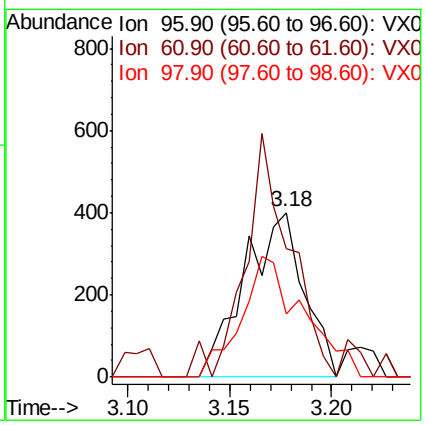


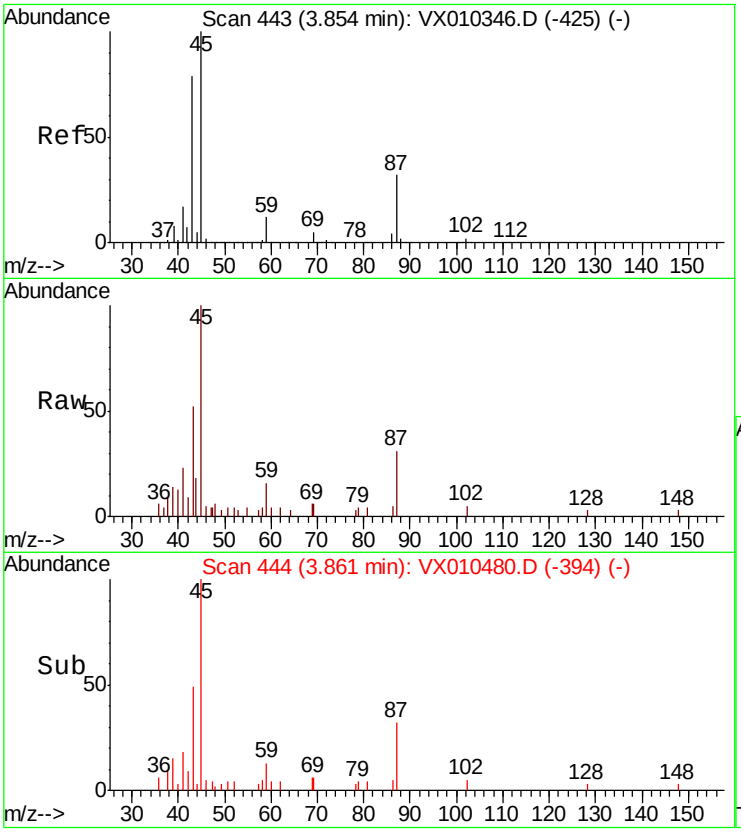


#21
trans-1,2-Dichloroethene
Concen: 0.341 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 96 Resp: 816

Ion	Ratio	Lower	Upper
96	100		
61	78.3	95.6	143.4#
98	38.2	52.5	78.7#



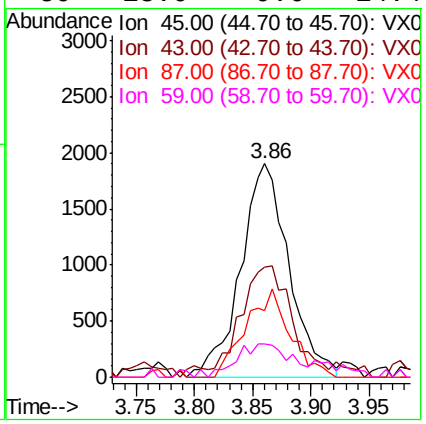


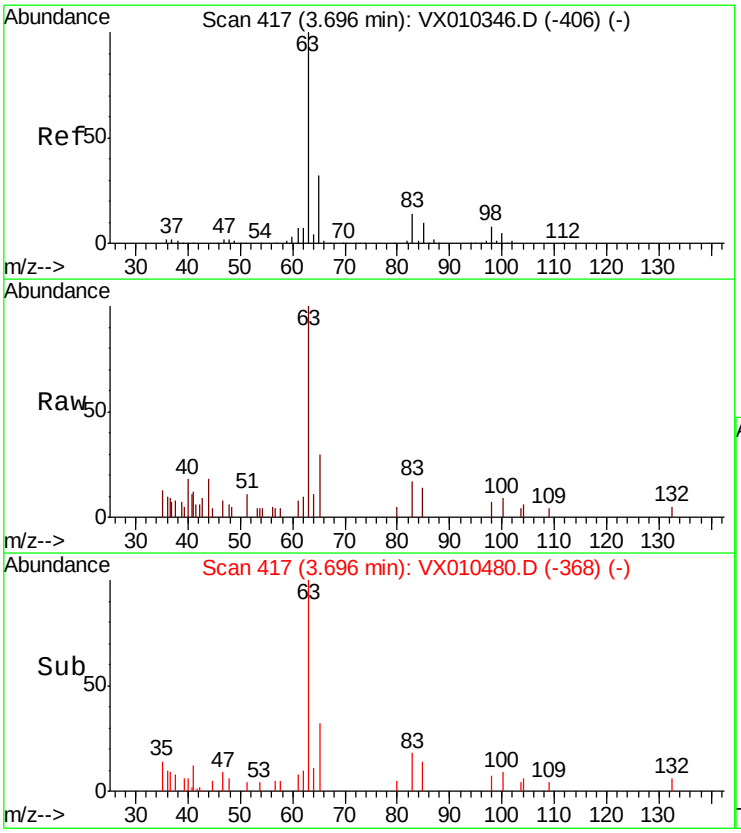
#22
Diisopropyl ether
Concen: 0.834 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 45 Resp: 5507

Ion	Ratio	Lower	Upper
45	100		
43	47.8	63.3	94.9#
87	31.3	25.8	38.8
59	13.0	9.6	14.4

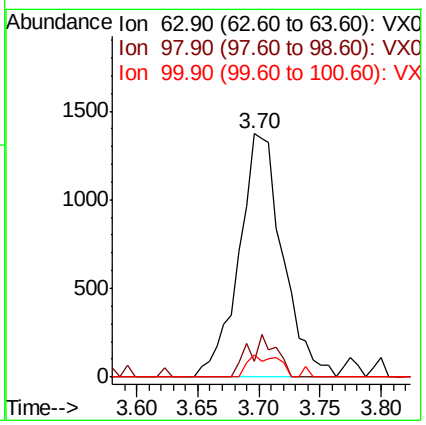


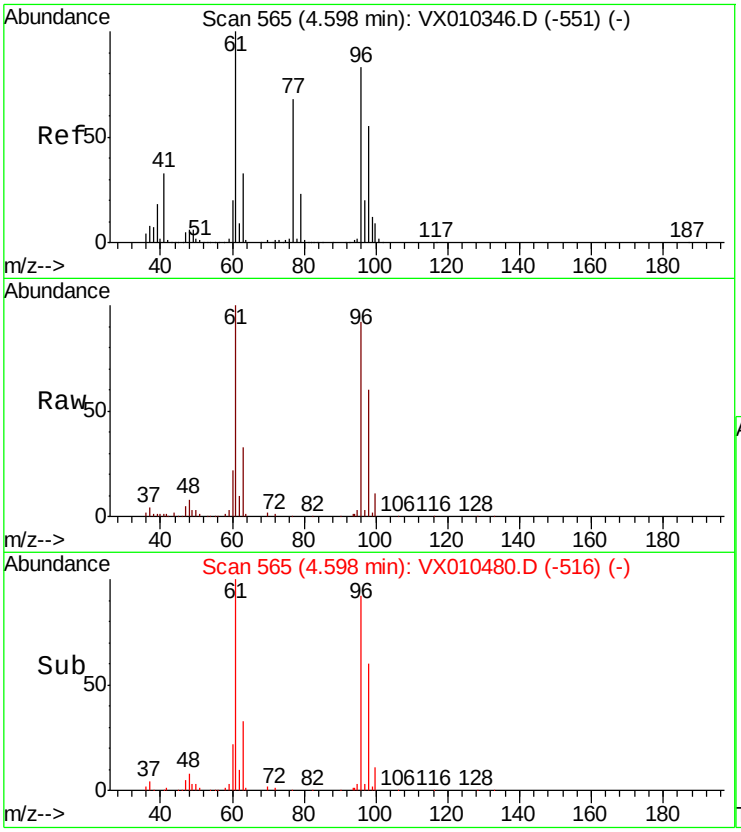


#24
1,1-Dichloroethane
Concen: 0.894 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 63 Resp: 3415

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.9	11.7
100	9.0	2.4	7.1#



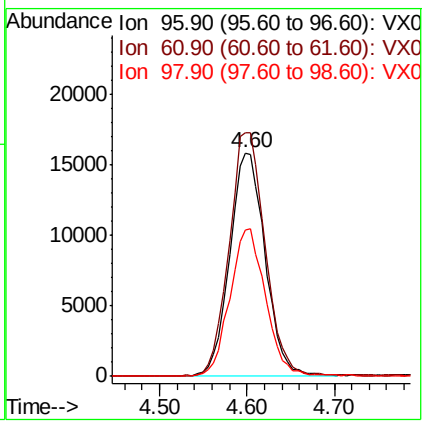


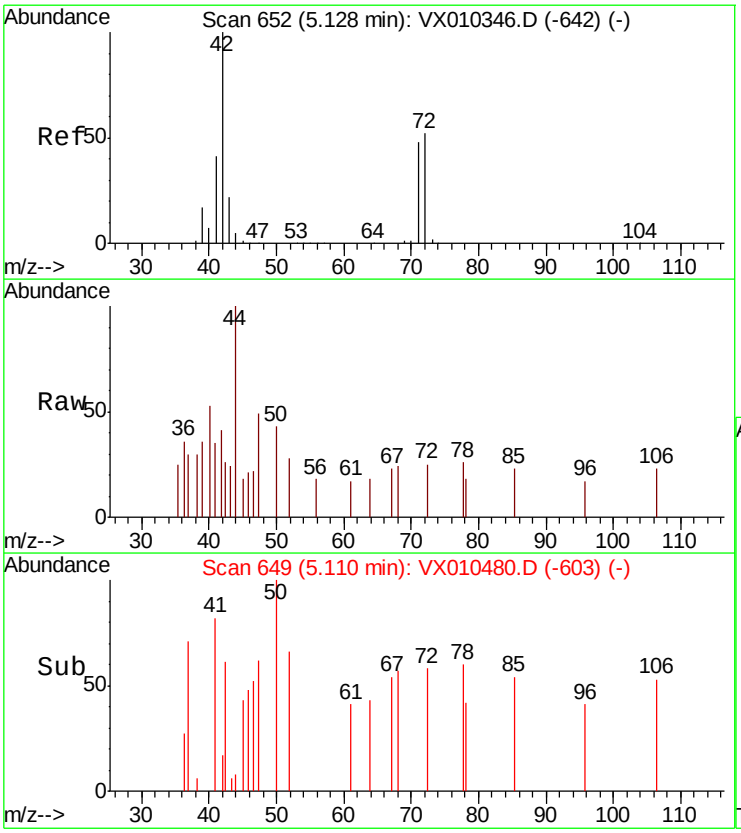
#27
cis-1,2-Dichloroethene
Concen: 16.133 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 96 Resp: 44619

Ion	Ratio	Lower	Upper
96	100		
61	111.3	0.0	251.8
98	66.0	0.0	129.4

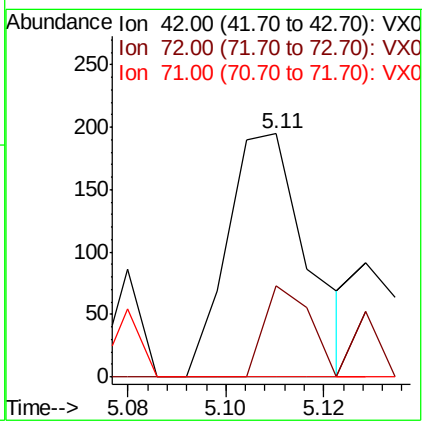


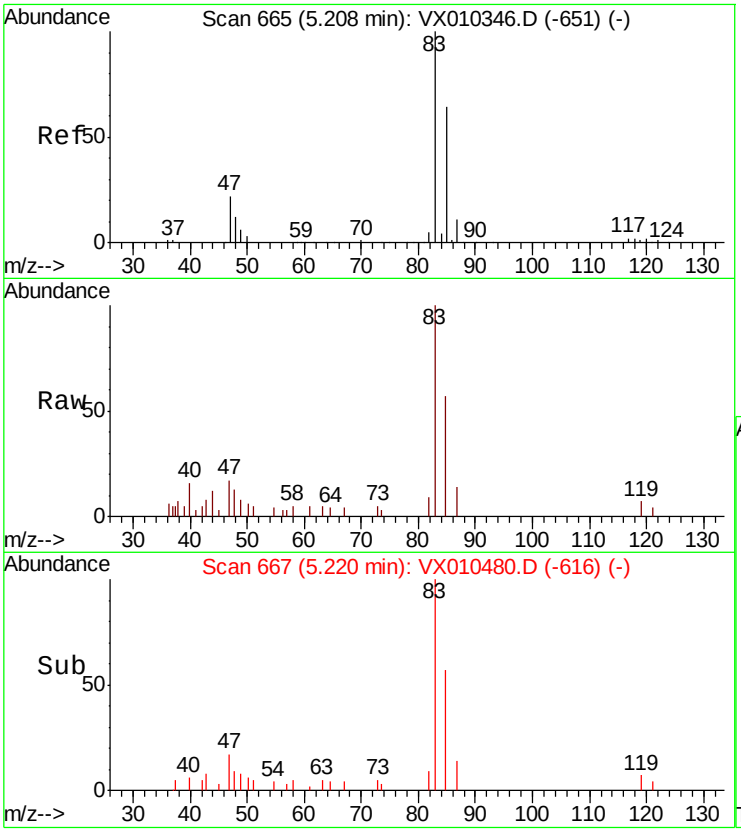


#29
Tetrahydrofuran
Concen: 0.203 ug/l
RT: 5.11 min Scan# 649
Delta R.T. -0.02 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 42 Resp: 223

Ion	Ratio	Lower	Upper
42	100		
72	21.1	40.6	60.8#
71	0.0	37.8	56.8#



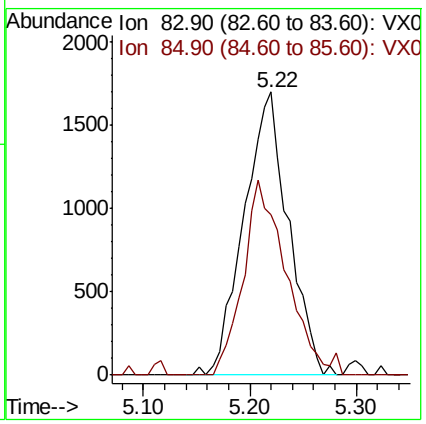


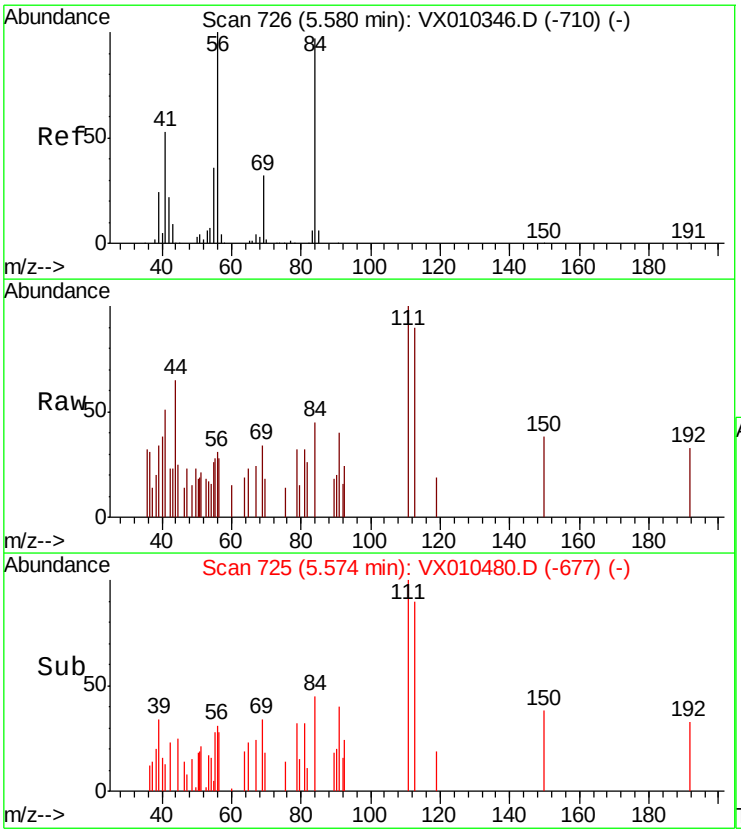
#30
Chloroform
Concen: 1.204 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 83 Resp: 4947

Ion	Ratio	Lower	Upper
83	100		
85	56.7	50.9	76.3

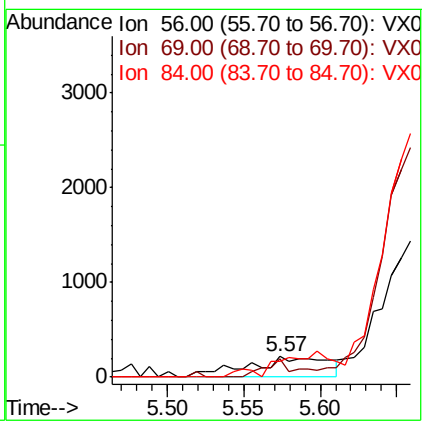


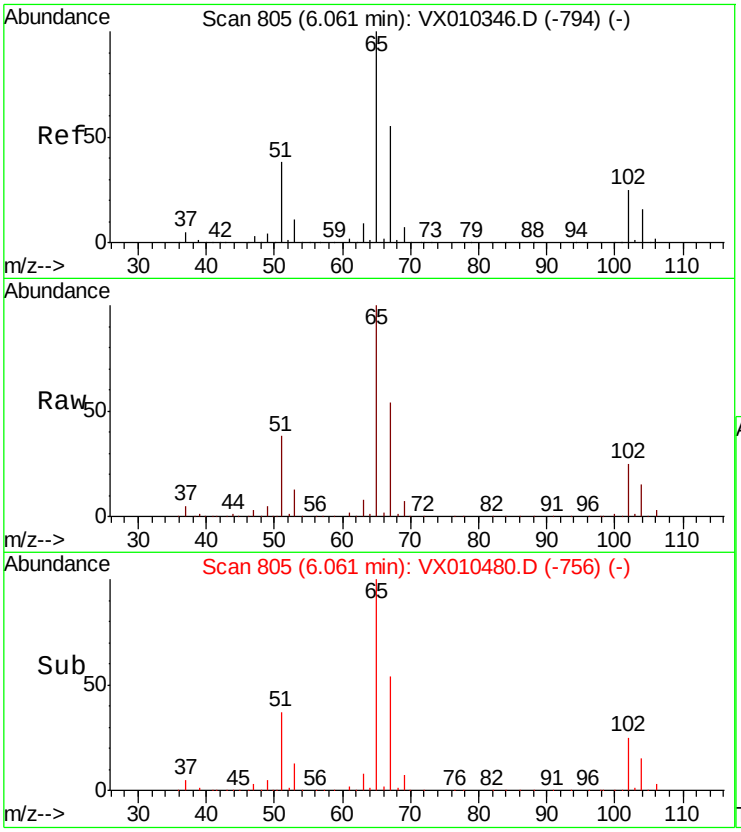


#31
Cyclohexane
Concen: 0.221 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 56 Resp: 770

Ion	Ratio	Lower	Upper
56	100		
69	87.4	25.9	38.9#
84	76.7	78.0	117.0#



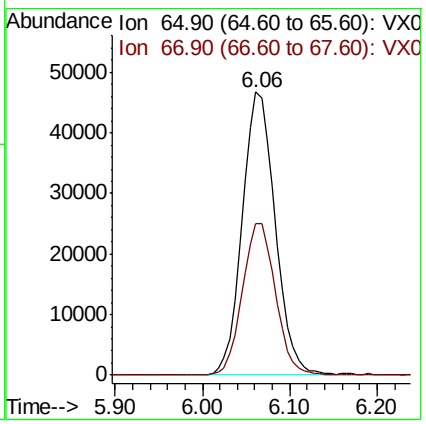


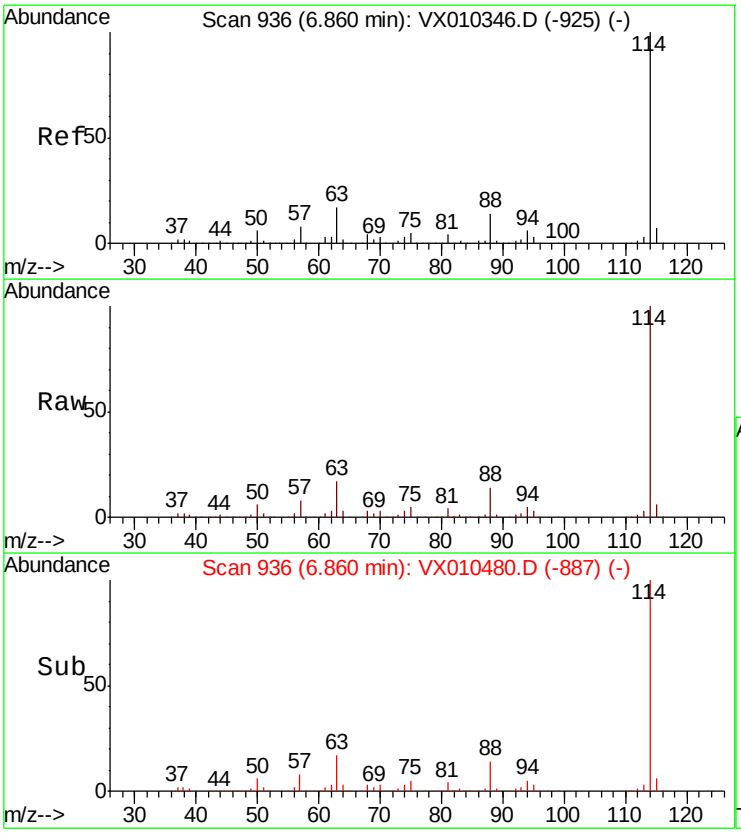
#33
1,2-Dichloroethane-d4
Concen: 50.877 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 65 Resp: 122467

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	110.2

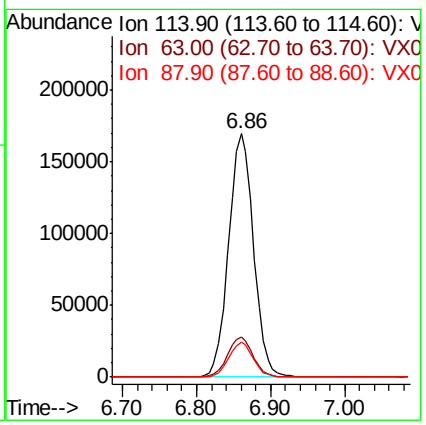


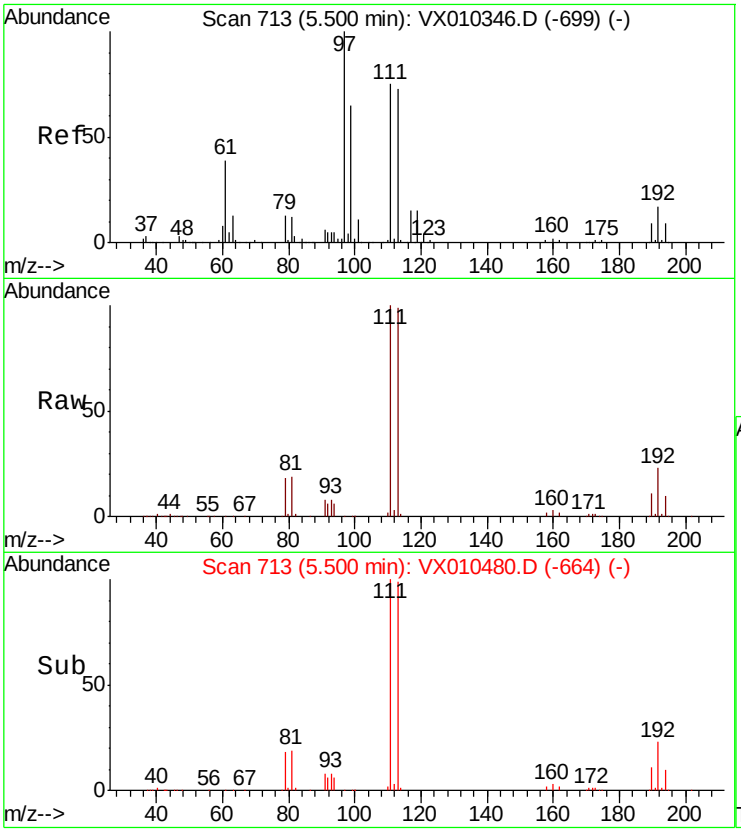


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion:114 Resp: 397693

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	33.8
88	14.1	0.0	27.6



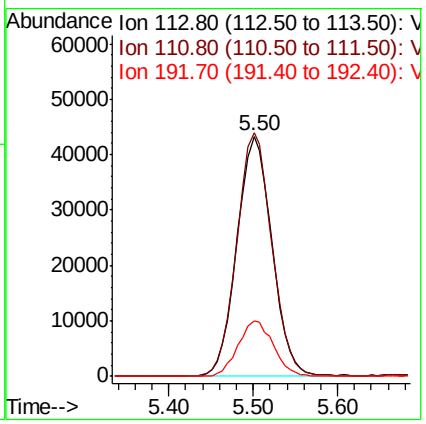


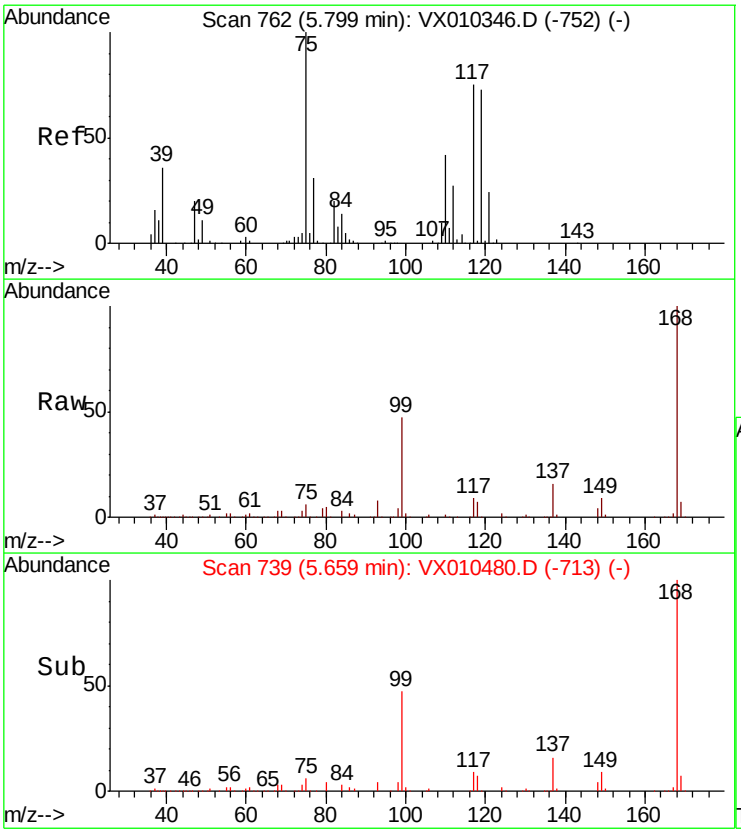
#35
Dibromofluoromethane
Concen: 50.191 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:113 Resp: 122126

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.2	121.8
192	23.1	18.6	27.8

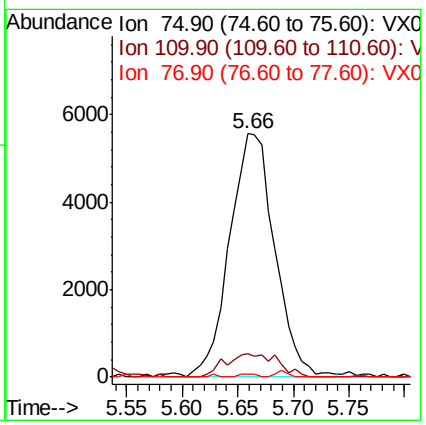


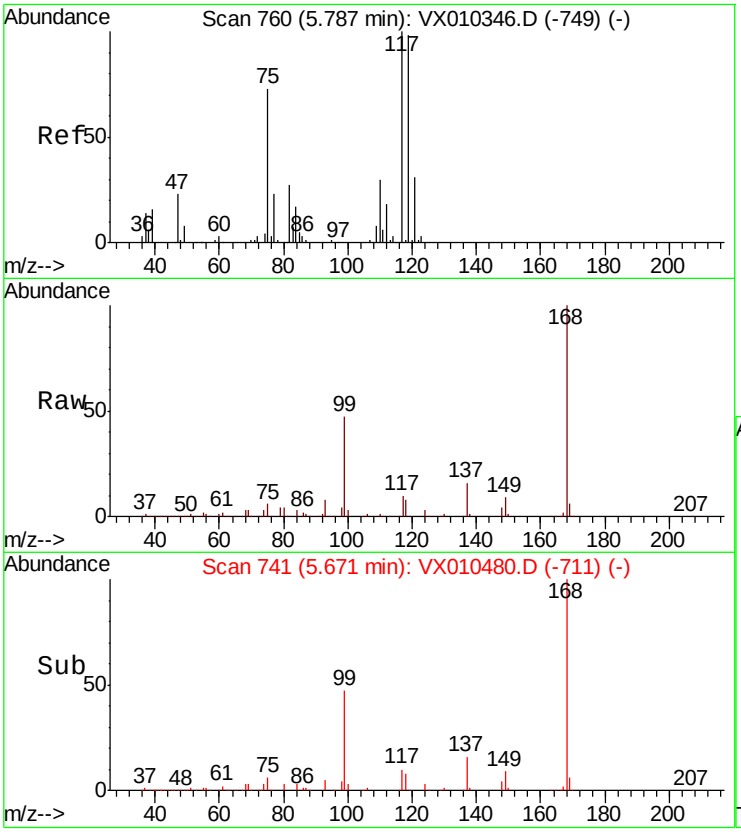


#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 75 Resp: 15656

Ion	Ratio	Lower	Upper
75	100		
110	11.4	20.8	62.2#
77	0.4	25.4	38.0#



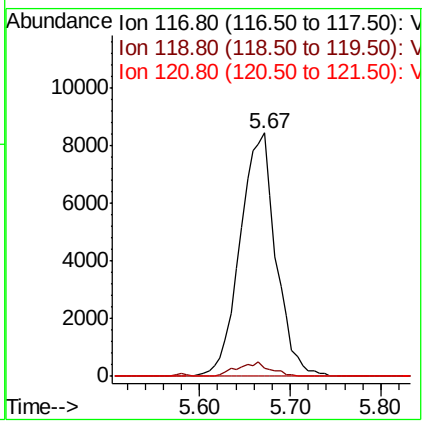


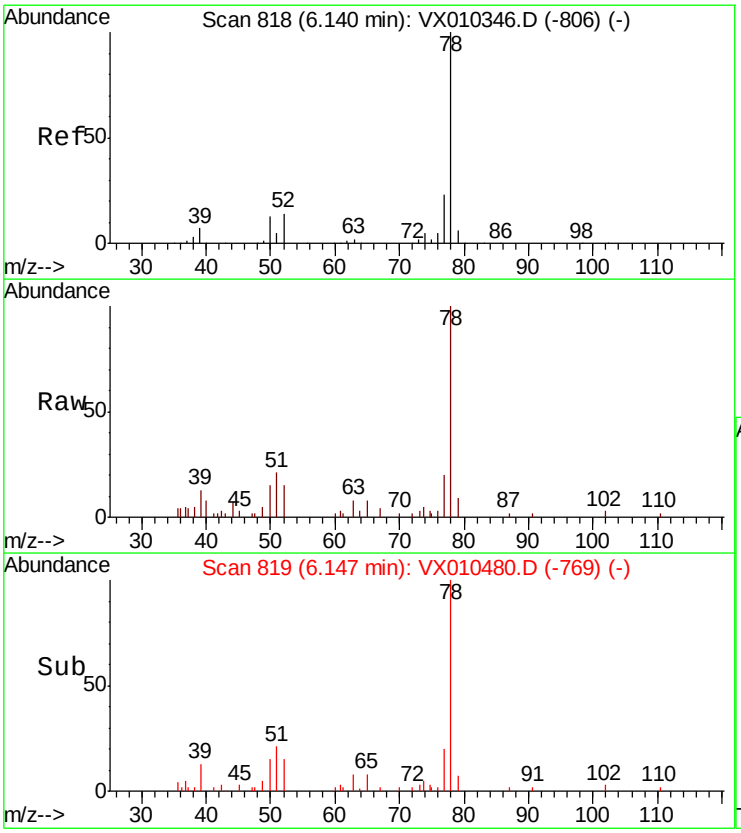
#38
Carbon Tetrachloride
Concen: 6.749 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.12 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:117 Resp: 23096

Ion	Ratio	Lower	Upper
117	100		
119	3.2	78.2	117.4#
121	0.0	24.7	37.1#

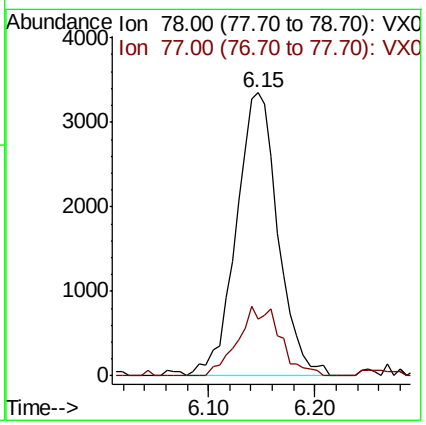


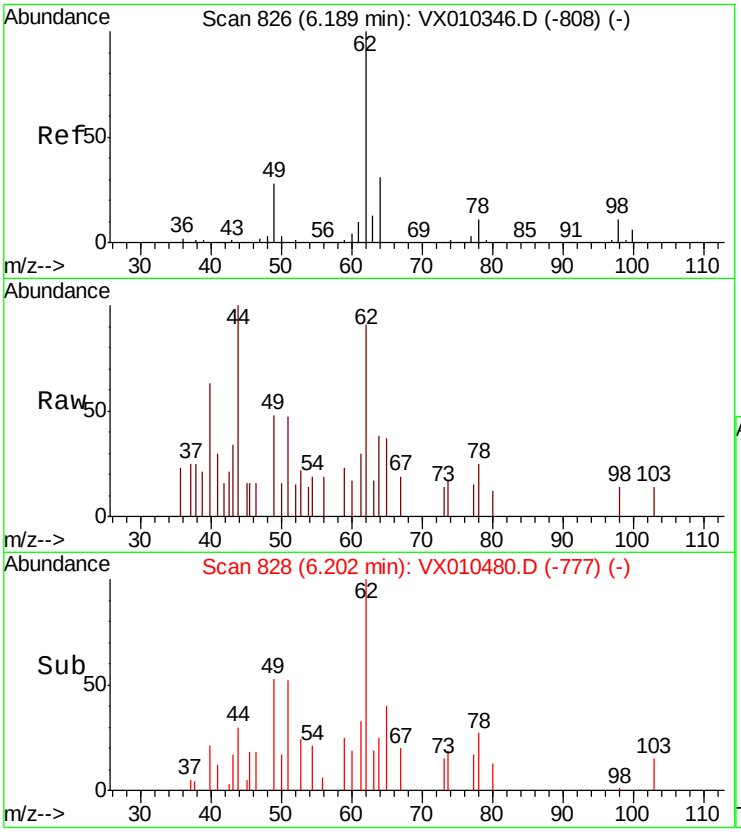


#40
Benzene
Concen: 0.935 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 78 Resp: 9210

Ion	Ratio	Lower	Upper
78	100		
77	20.2	18.6	28.0



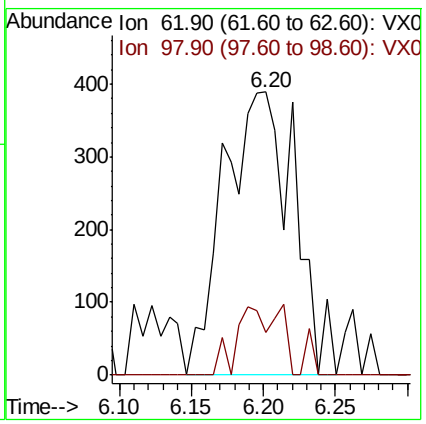


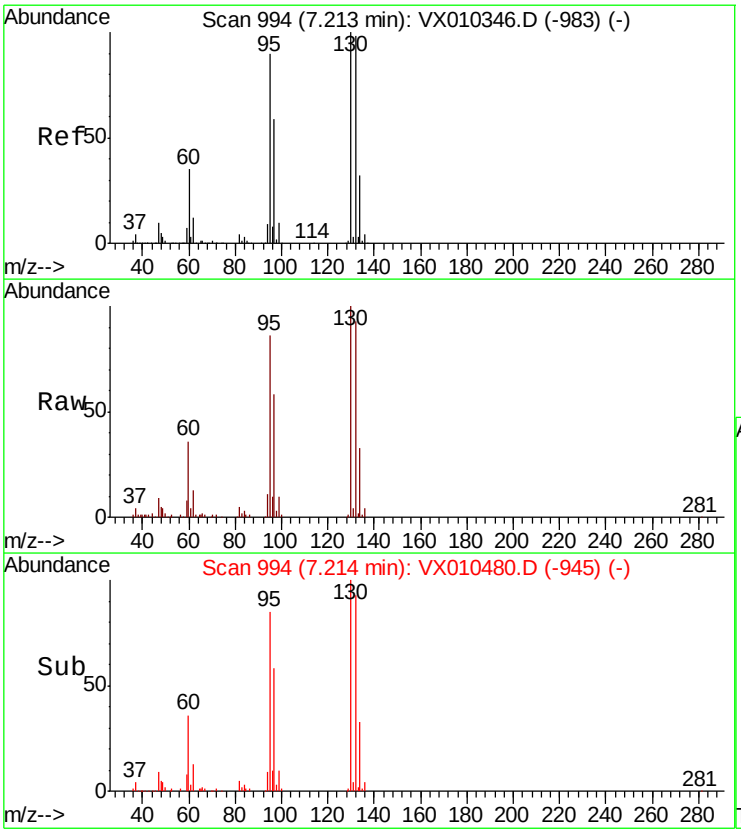
#42
1,2-Dichloroethane
Concen: 0.442 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 62 Resp: 1326

Ion	Ratio	Lower	Upper
62	100		
98	14.8	0.0	22.2

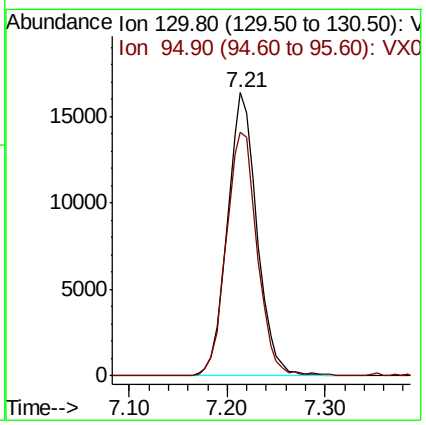


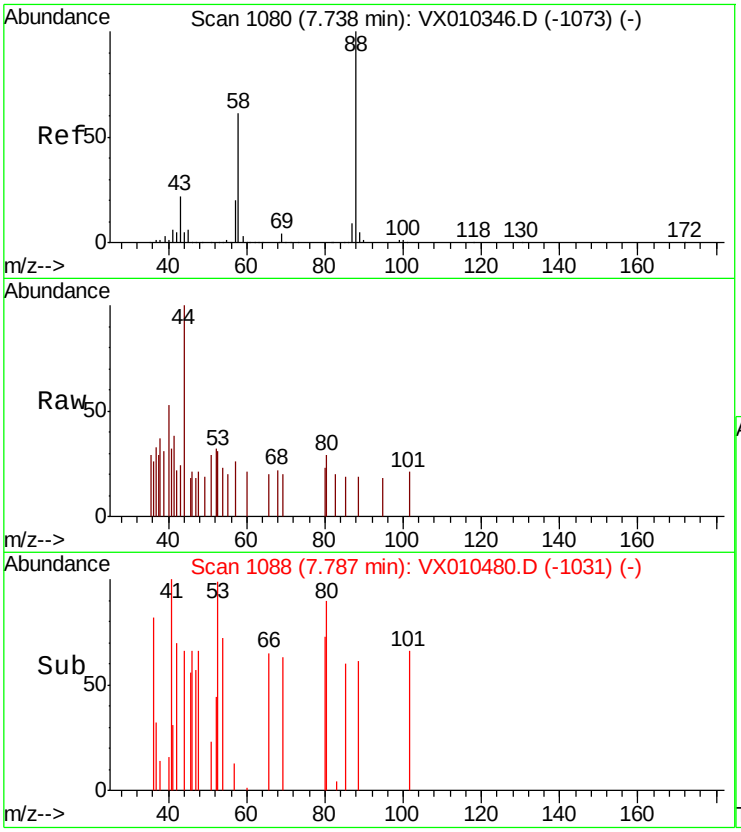


#44
Trichloroethene
Concen: 11.655 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion:130 Resp: 34337

Ion	Ratio	Lower	Upper
130	100		
95	86.0	0.0	180.8



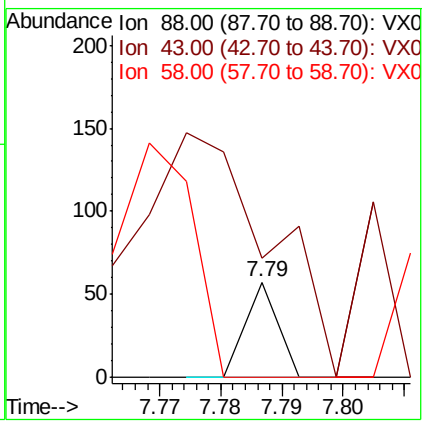


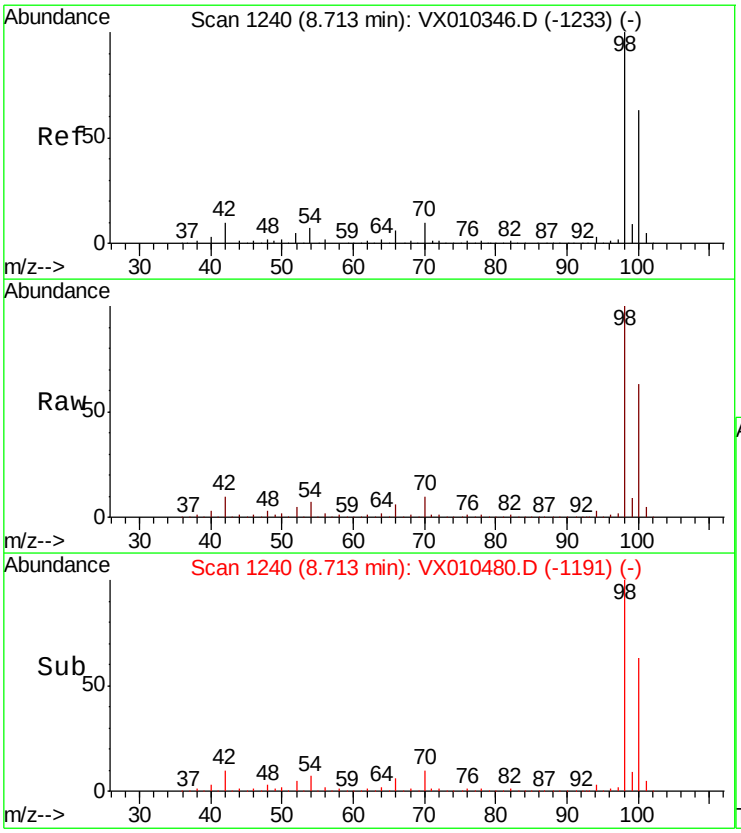
#49
1,4-Dioxane
Concen: 0.292 ug/l
RT: 7.79 min Scan# 1088
Delta R.T. 0.05 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	1914.3	20.2	30.2#
58	452.4	49.5	74.3#

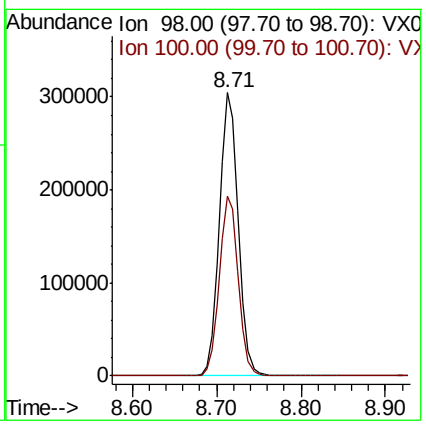


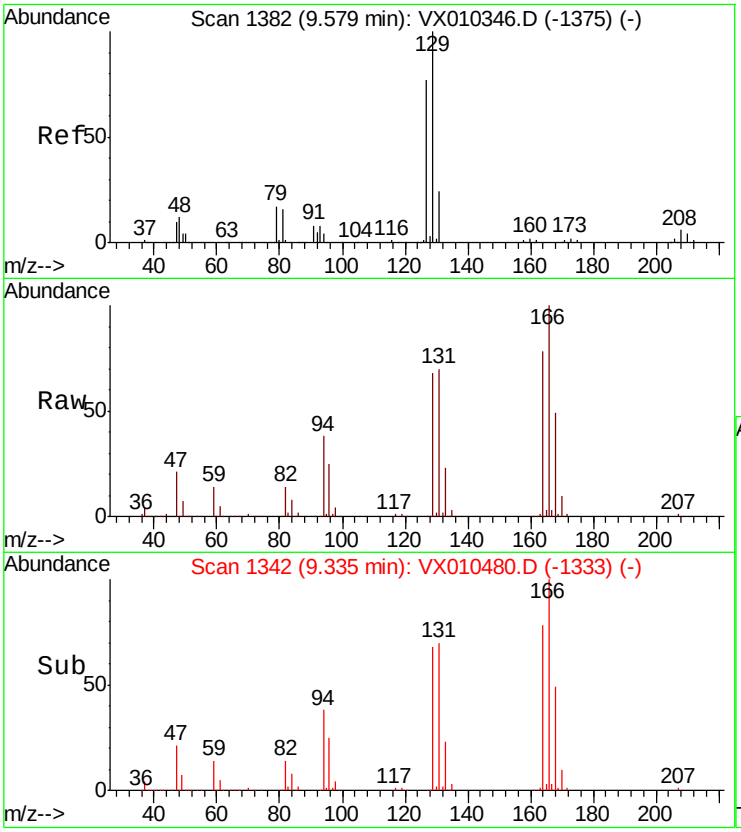


#50
Toluene-d8
Concen: 50.603 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 98 Resp: 471063

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4



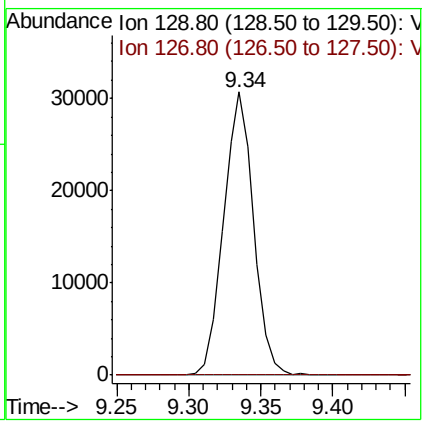


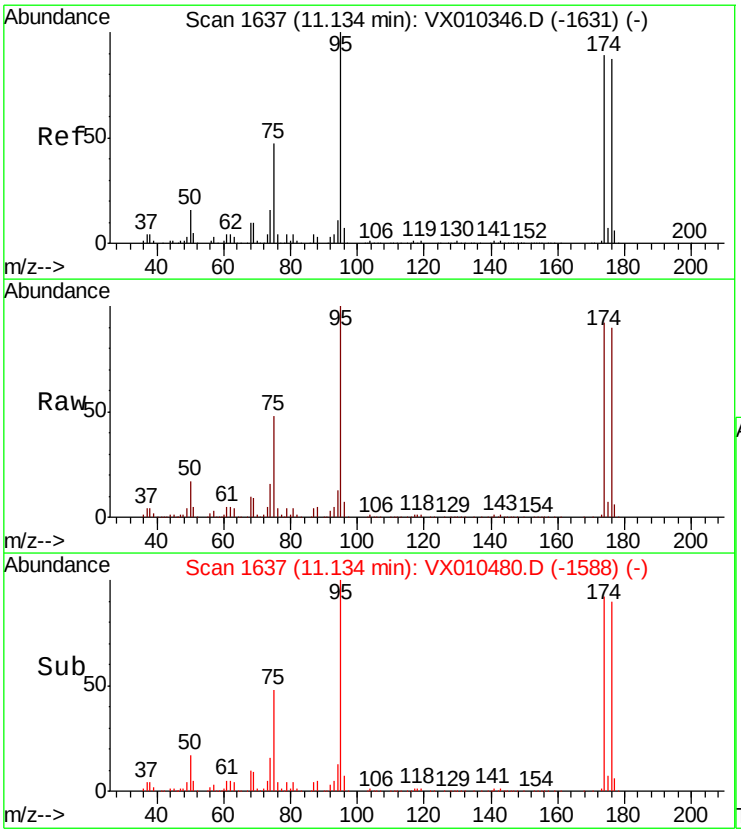
#60
Dibromochloromethane
Concen: 14.915 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:129 Resp: 44657

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.4	115.1#

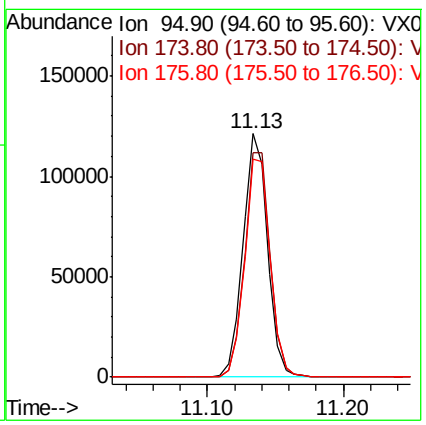


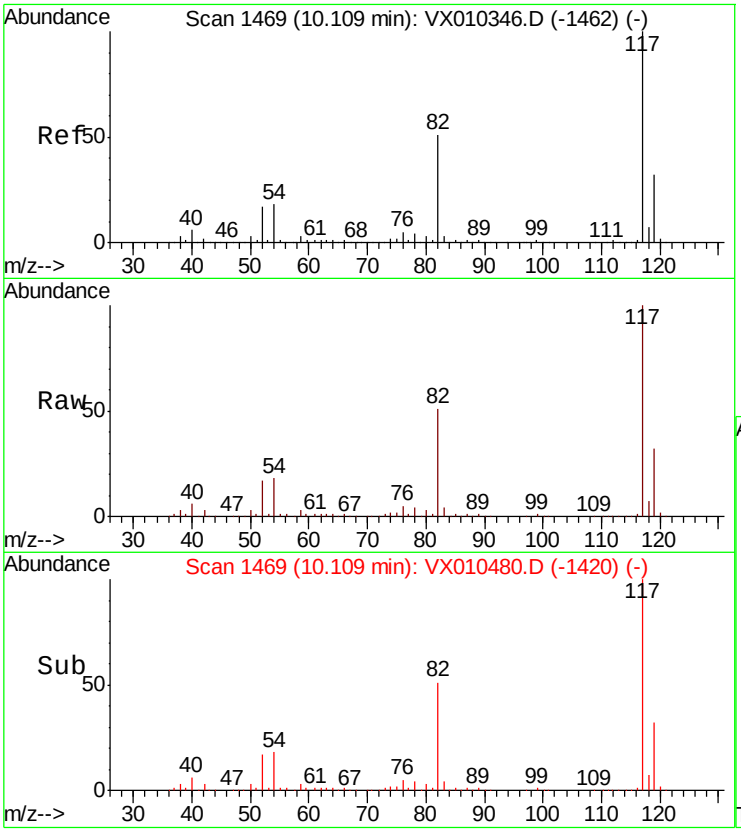


#62
4-Bromofluorobenzene
Concen: 45.381 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 95 Resp: 152519

Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	187.6
176	94.0	0.0	184.0



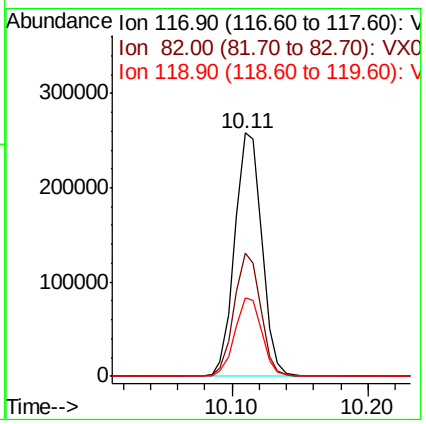


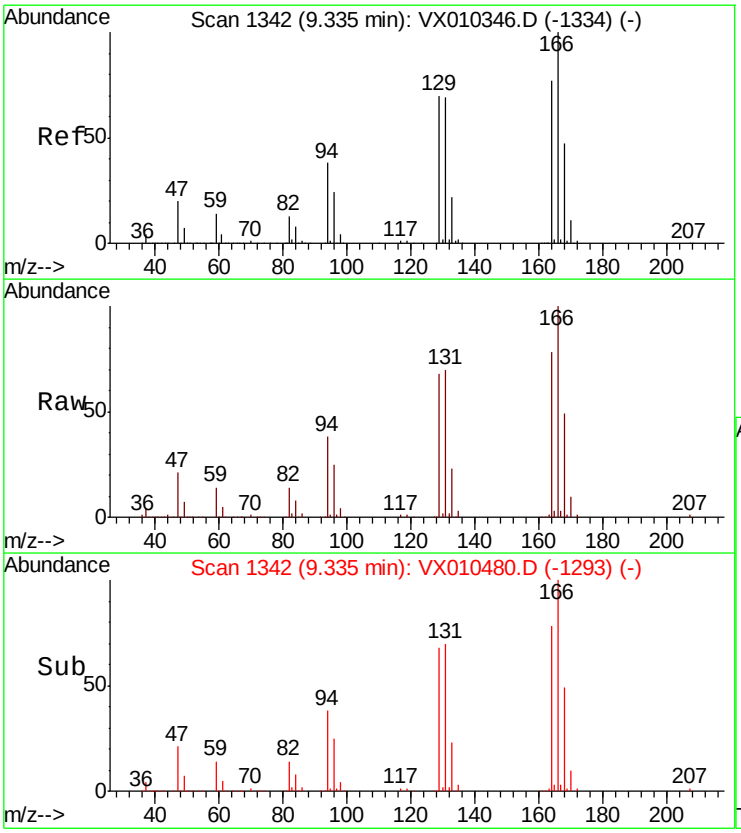
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:117 Resp: 358468

Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.2	61.8
119	32.2	25.5	38.3

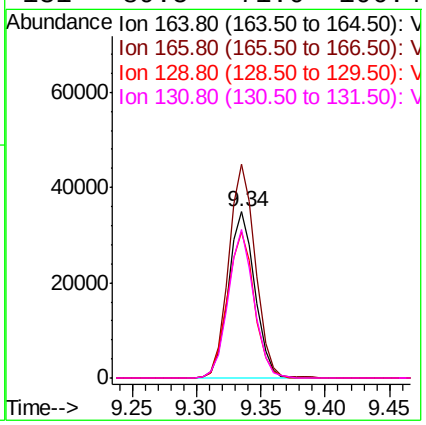


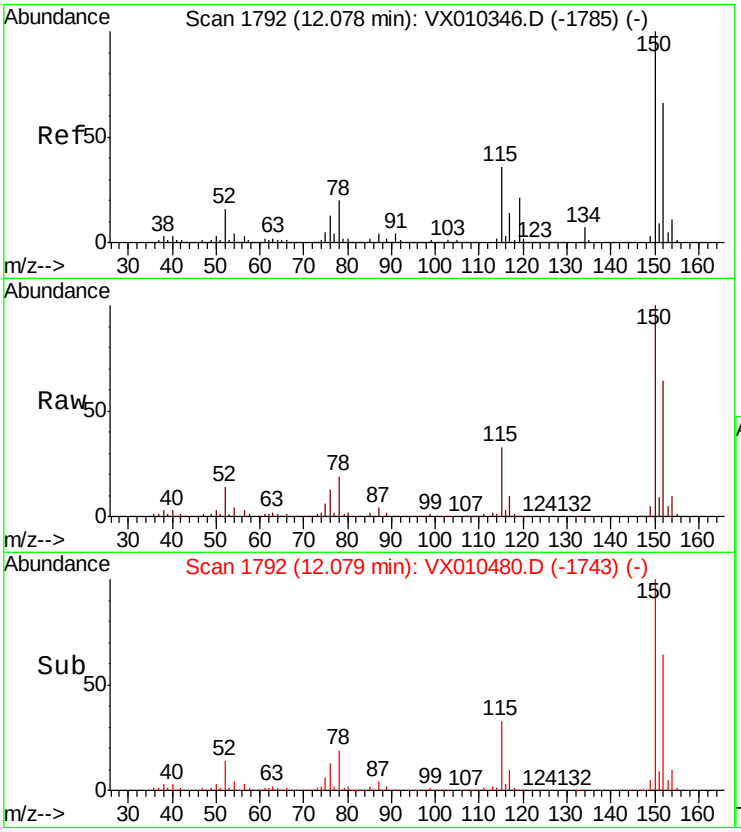


#64
Tetrachloroethene
Concen: 17.384 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion:164 Resp: 50404

Ion	Ratio	Lower	Upper
164	100		
166	128.5	103.6	155.4
129	88.0	73.0	109.4
131	89.5	71.0	106.4



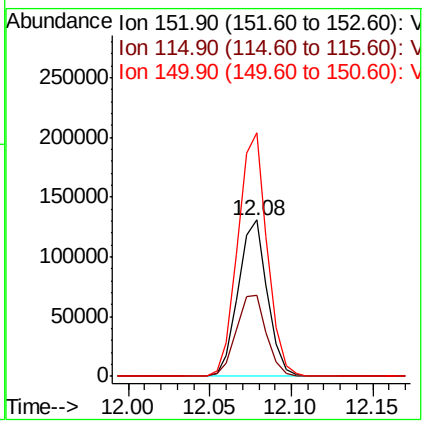


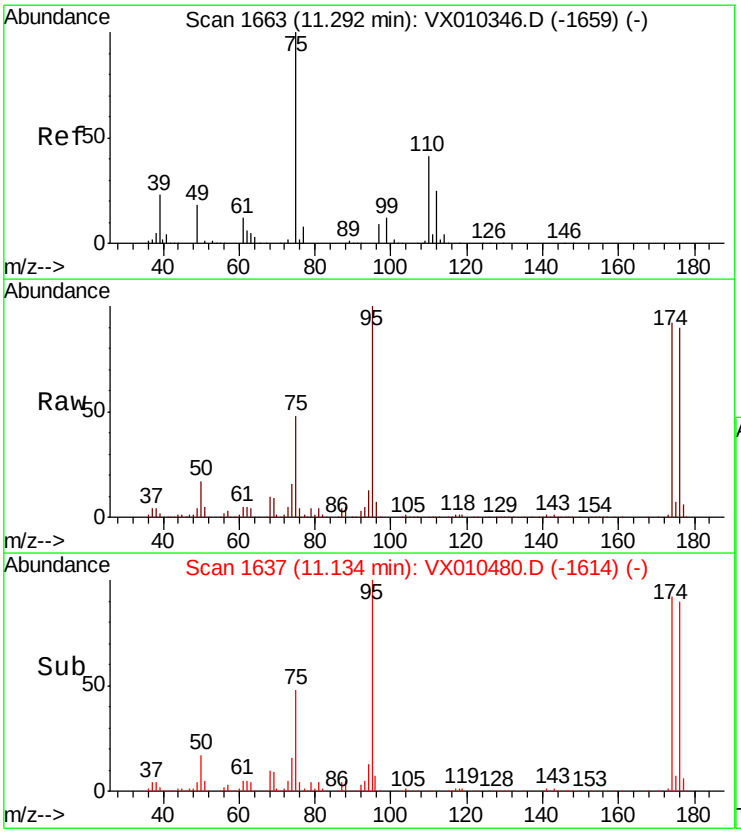
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:152 Resp: 162700

Ion	Ratio	Lower	Upper
152	100		
115	53.9	38.6	115.7
150	156.8	0.0	347.4

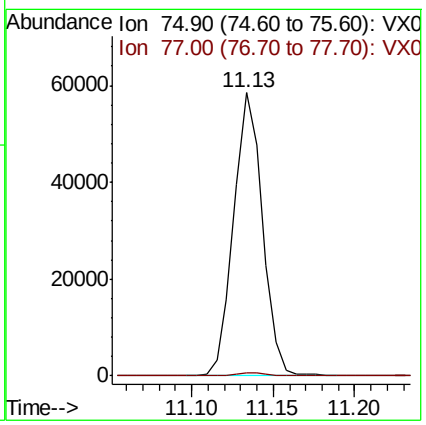


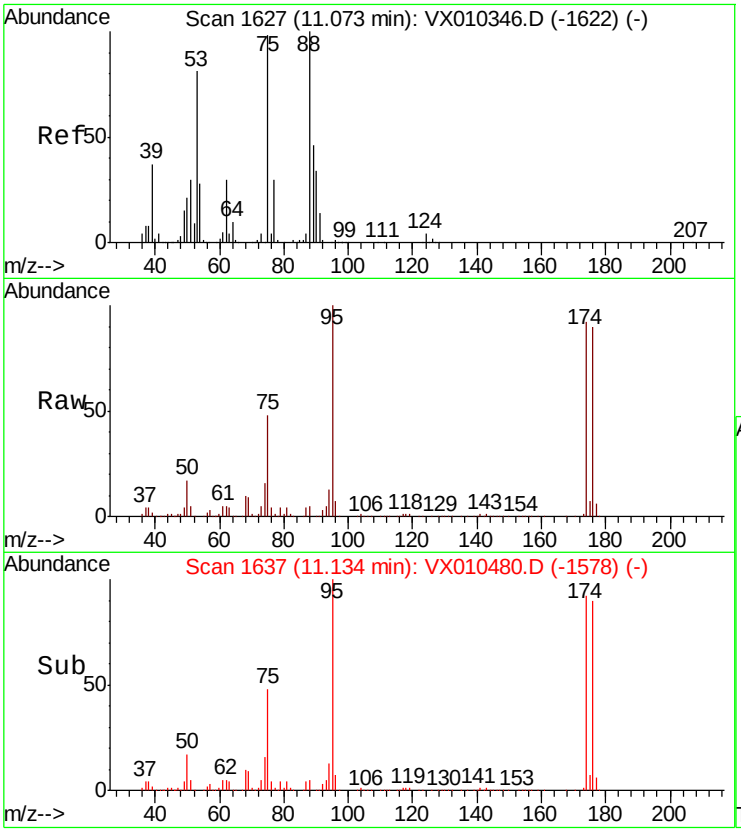


#76
1,2,3-Trichloropropane
Concen: 24.352 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 75 Resp: 72198

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.6	67.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.810 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 75 Resp: 72198

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.1	99.1#
89	0.0	37.8	56.6#