Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
Data File : VX008860.D
Acq On : 11 Apr 2019 18:27
Operator : JC/SP
Sample : K2349-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ST008MW158-190408

Quant Time: Apr 12 07:37:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126678	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.04%			
35) Dibromofluoromethane	5.50	113	92818	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.26%			
50) Toluene-d8	8.71	98	388690	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.08%			
62) 4-Bromofluorobenzene	11.13	95	132885	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.56%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	606	Below Cal	#	87
5) Bromomethane	1.65	94	461	2.185	ug/l #	58
6) Chloroethane	1.75	64	159	Below Cal	#	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	455	0.213	ug/l #	80
10) Methyl Iodide	2.51	142	780	4.372	ug/l #	88
11) Tert butyl alcohol	3.03	59	426	0.647	ug/l #	84
12) 1,1-Dichloroethene	2.38	96	684	0.307	ug/l #	76
13) Acrolein	2.30	56	222	0.680	ug/l #	13
15) Acrylonitrile	3.15	53	828	0.475	ug/l #	84
16) Acetone	2.45	43	1048	0.647	ug/l #	82
17) Carbon Disulfide	2.57	76	2734	Below Cal	#	92
21) trans-1,2-Dichloroethene	3.17	96	1707	0.708	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	235217	84.813	ug/l	89
28) Bromochloromethane	5.02	49	319	Below Cal	#	29
30) Chloroform	5.21	83	3163	0.727	ug/l	92
38) Carbon Tetrachloride	5.66	117	18122	6.433	ug/l #	17
44) Trichloroethene	7.21	130	231963	98.230	ug/l	99
47) Bromodichloromethane	7.90	83	1184	0.374	ug/l #	98
55) 1,1,2-Trichloroethane	9.34	97	5385	2.244	ug/l #	1
60) Dibromochloromethane	9.34	129	617108	272.937	ug/l #	11
64) Tetrachloroethene	9.34	164	656366	326.479	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	66403	20.442	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	66403	56.350	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.65	180	814	0.280	ug/l	94
95) Naphthalene	13.83	128	2506	0.258	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	761	0.262	ug/l	98

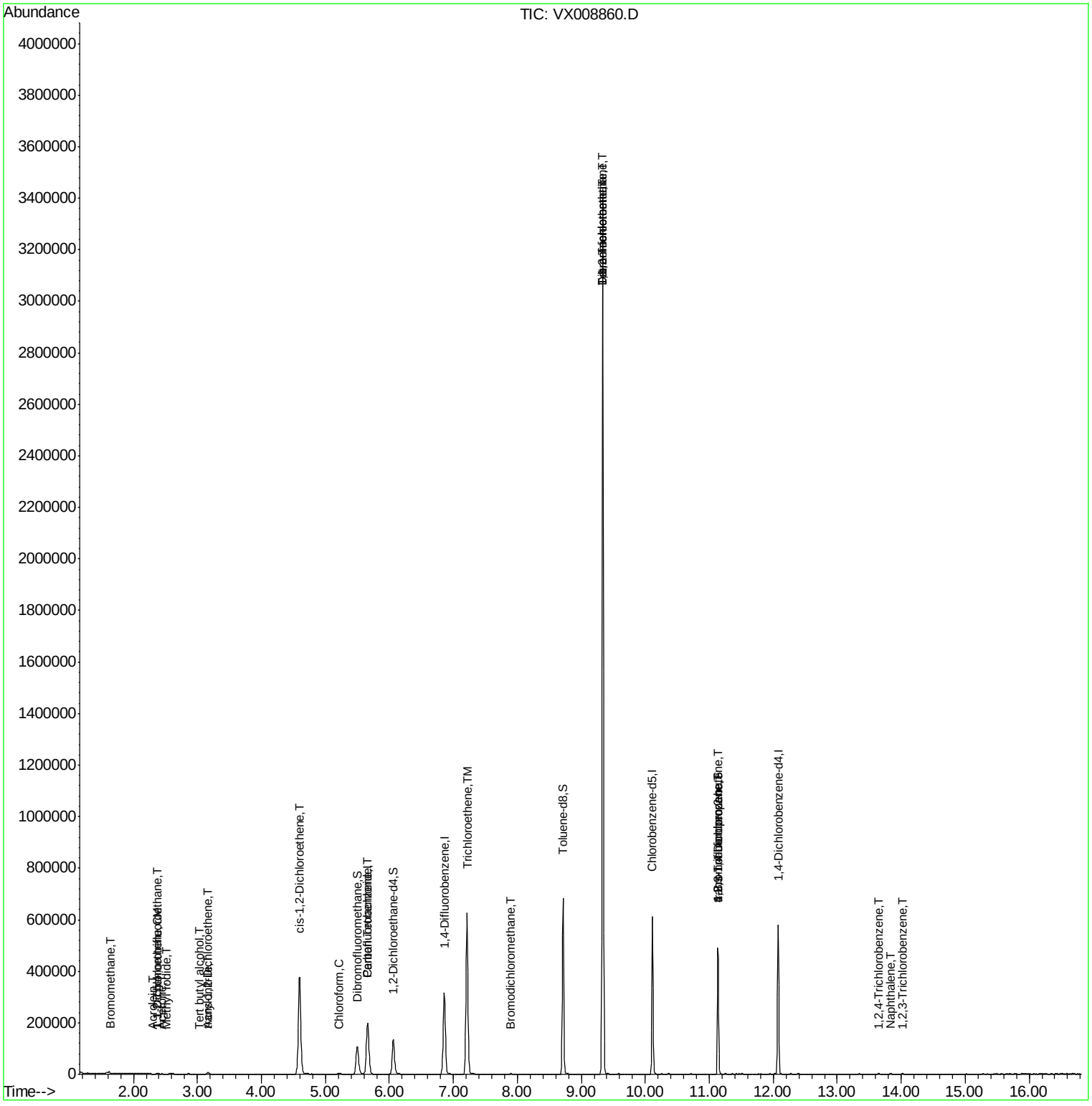
(#) = qualifier out of range (m) = manual integration (+) = signals summed

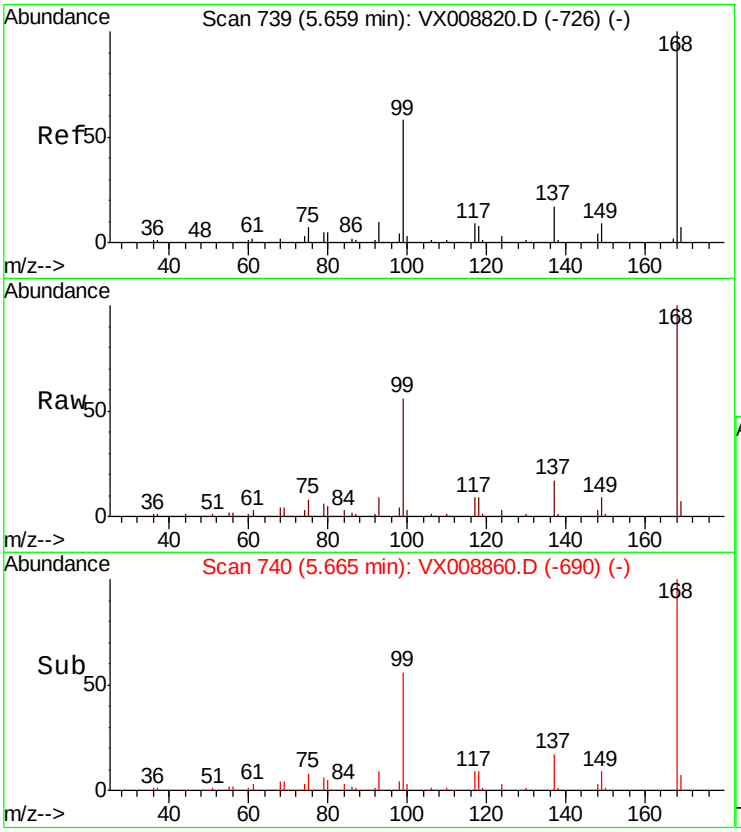
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
Data File : VX008860.D
Acq On : 11 Apr 2019 18:27
Operator : JC/SP
Sample : K2349-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Quant Time: Apr 12 07:37:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration



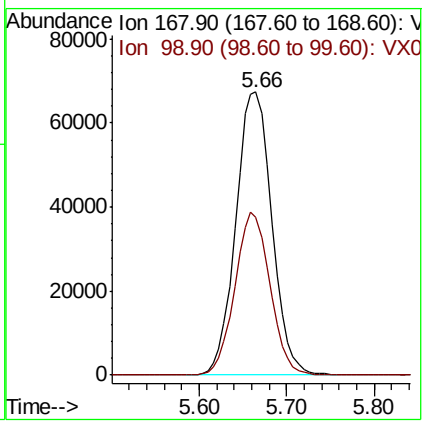


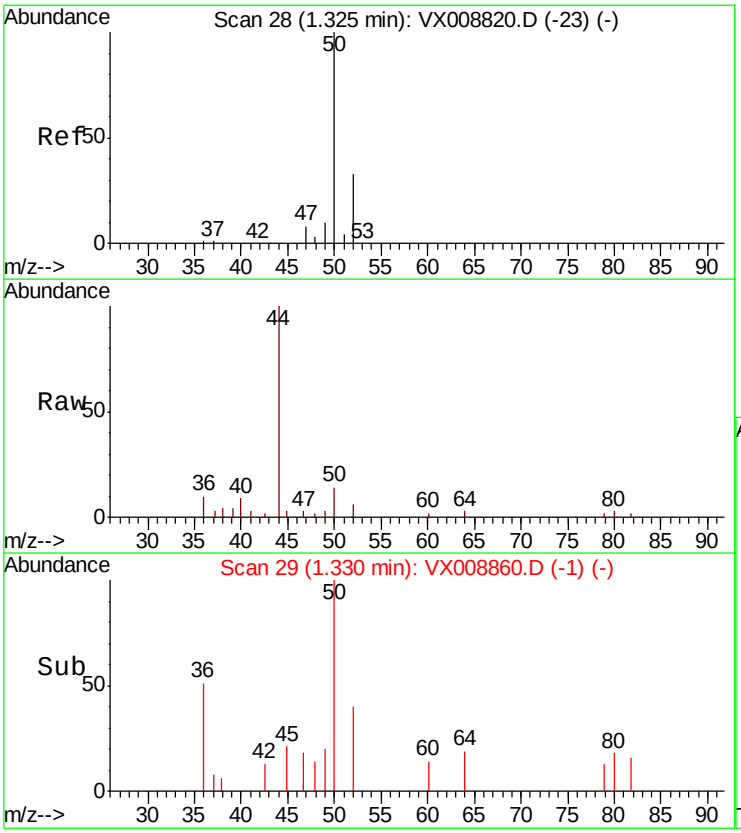
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion:168 Resp: 192900

Ion	Ratio	Lower	Upper
168	100		
99	55.9	46.7	70.1

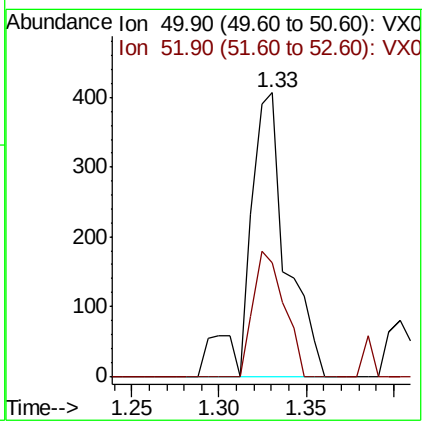


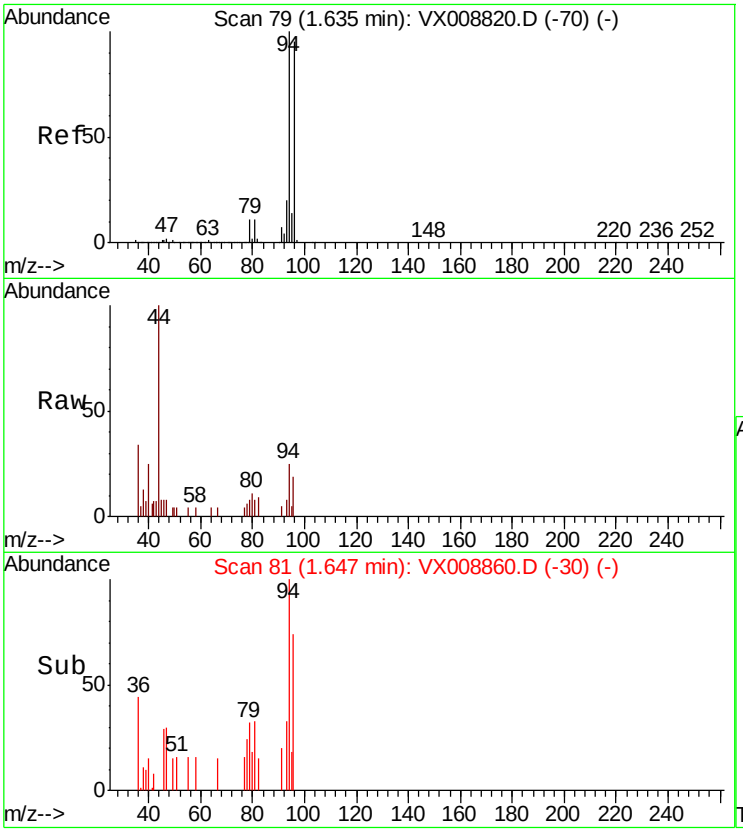


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 50 Resp: 606

Ion	Ratio	Lower	Upper
50	100		
52	39.8	25.8	38.8#



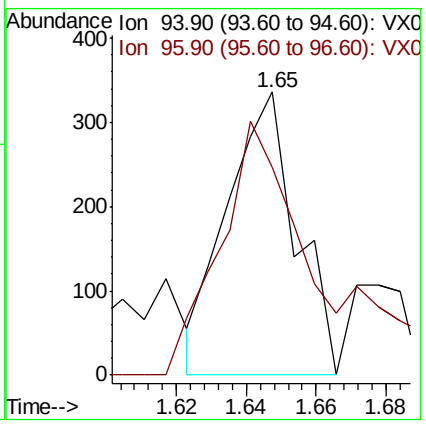


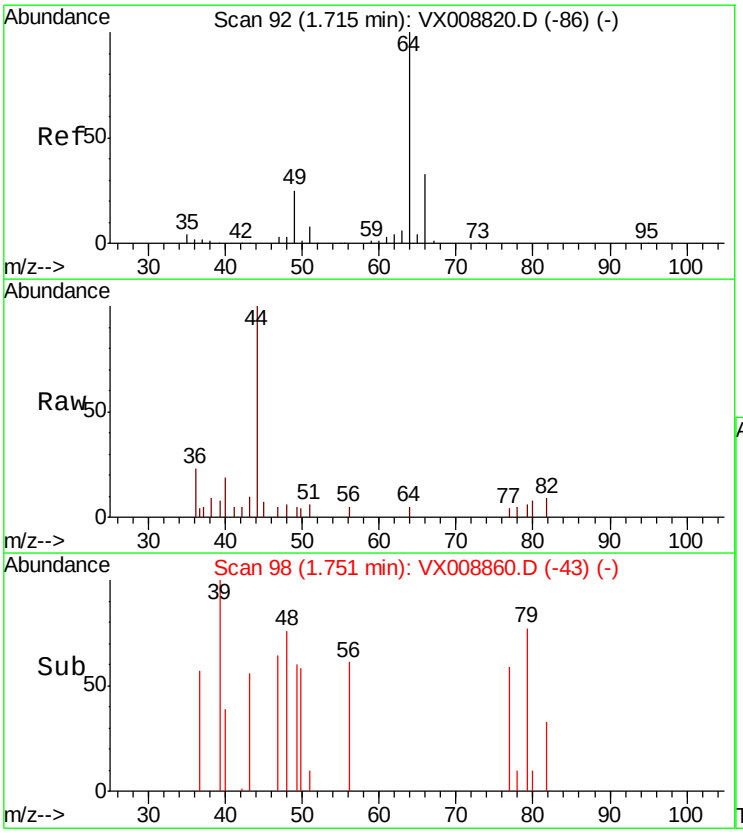
#5
Bromomethane
Concen: 2.185 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion: 94 Resp: 461

Ion	Ratio	Lower	Upper
94	100		
96	53.3	75.2	112.8#

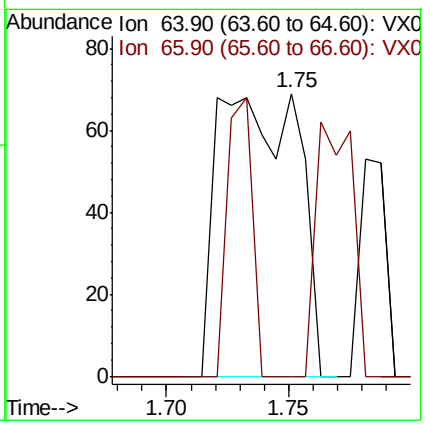


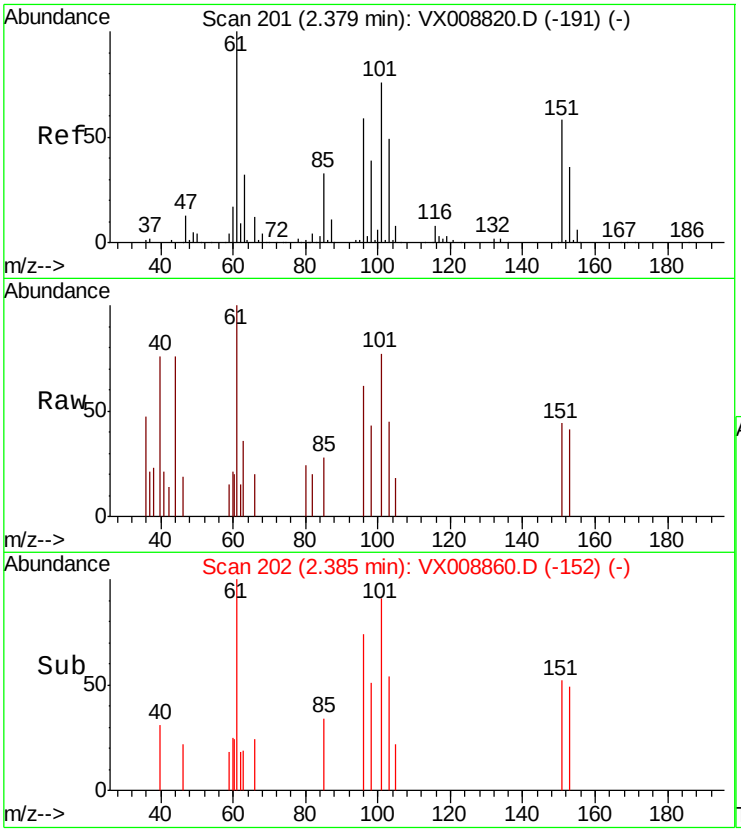


#6
Chloroethane
Concen: Below Cal
RT: 1.75 min Scan# 98
Delta R.T. 0.04 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 64 Resp: 159

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



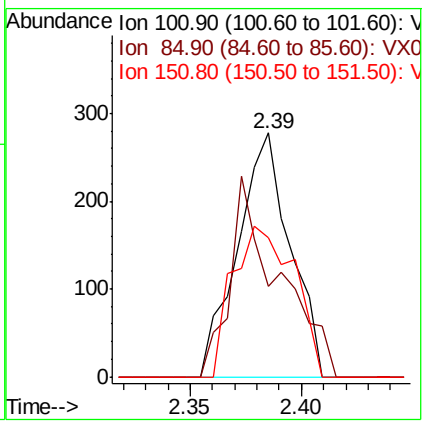


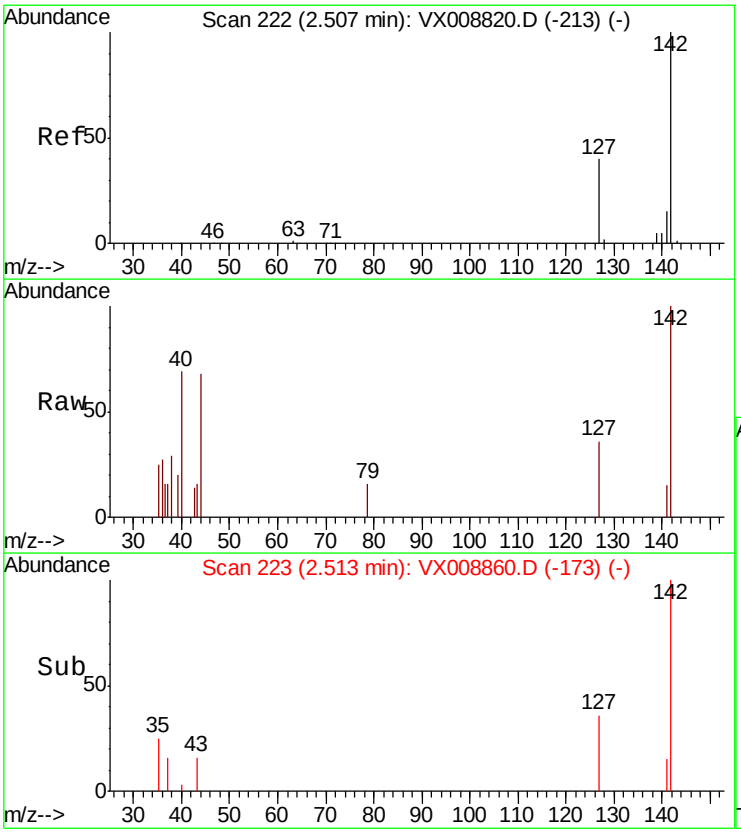
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.213 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion:101 Resp: 455

Ion	Ratio	Lower	Upper
101	100		
85	75.8	36.0	54.0#
151	72.1	59.9	89.9

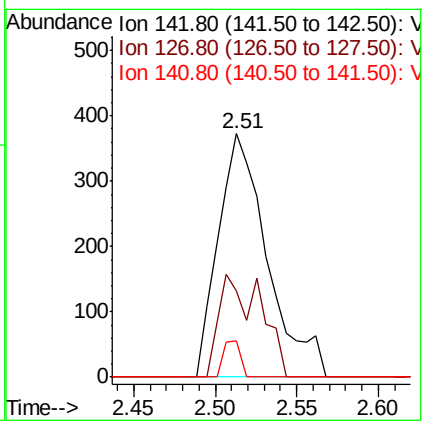


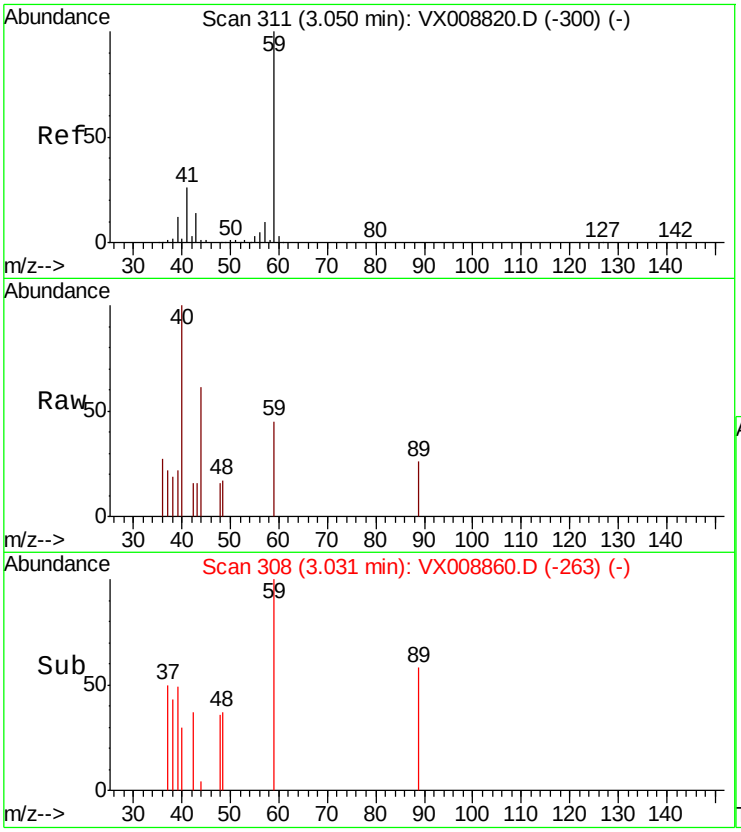


#10
Methyl Iodide
Concen: 4.372 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion:142 Resp: 780

Ion	Ratio	Lower	Upper
142	100		
127	36.2	33.0	49.6
141	5.1	11.4	17.2#



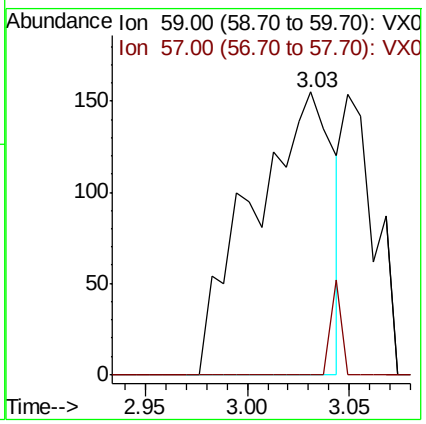


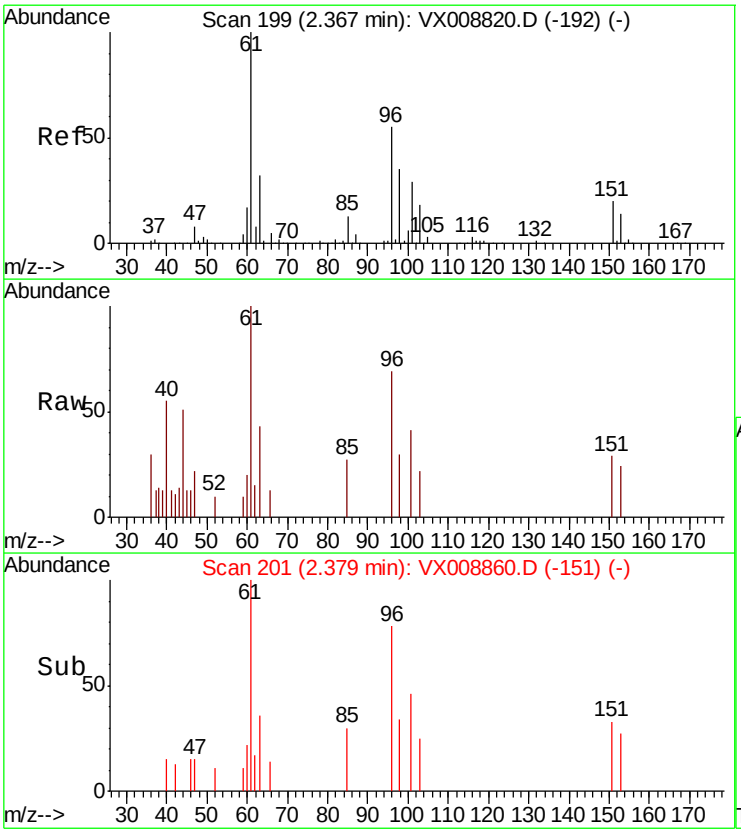
#11
Tert butyl alcohol
Concen: 0.647 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion: 59 Resp: 426

Ion	Ratio	Lower	Upper
59	100		
57	4.5	8.3	12.5#

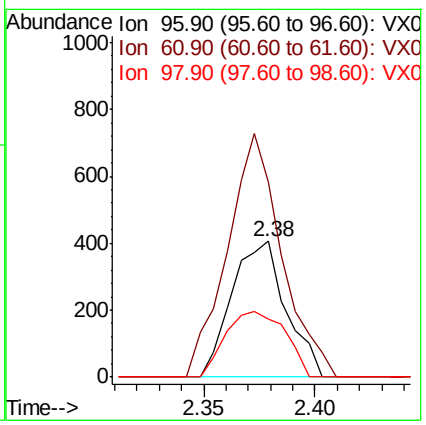


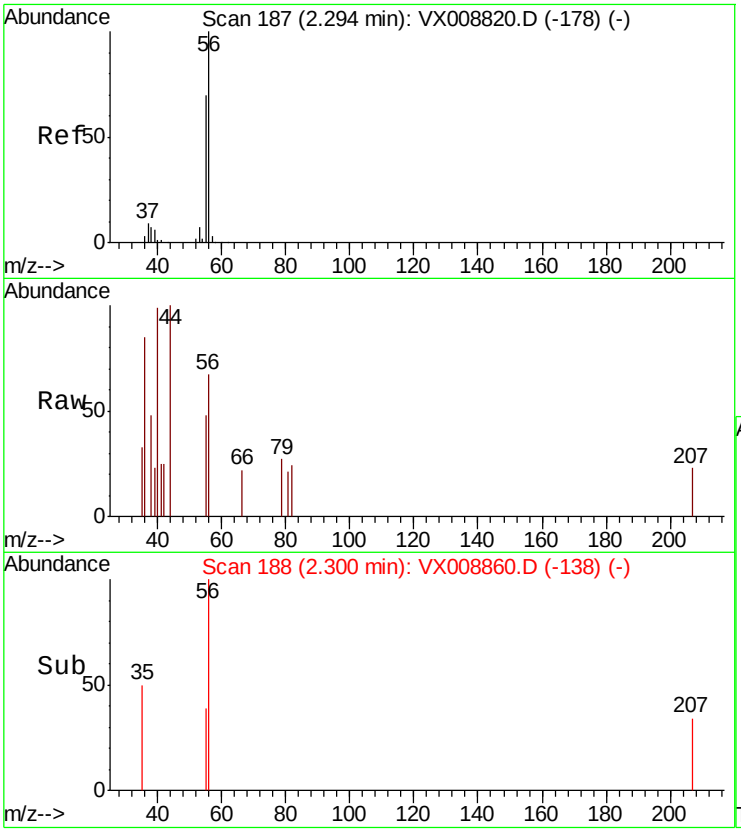


#12
1,1-Dichloroethene
Concen: 0.307 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 96 Resp: 684

Ion	Ratio	Lower	Upper
96	100		
61	144.2	140.9	211.3
98	43.2	52.1	78.1#



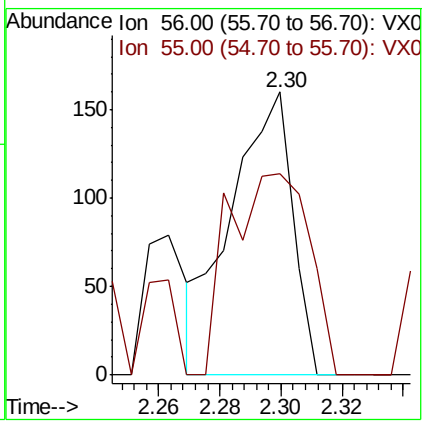


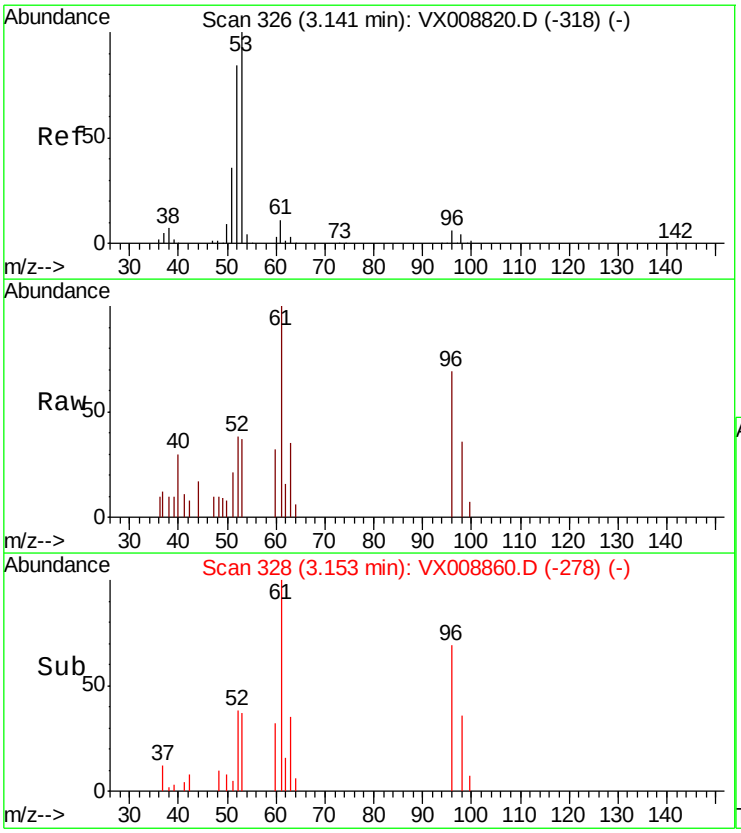
#13
Acrolein
Concen: 0.680 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion: 56 Resp: 222

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.0	87.0#

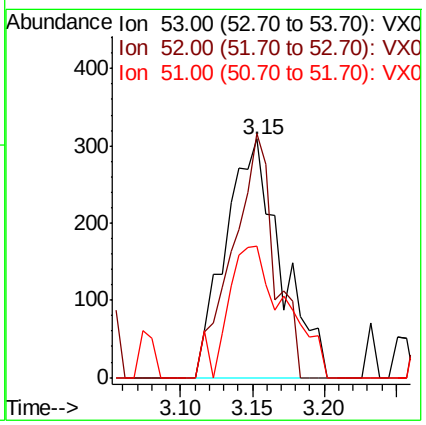


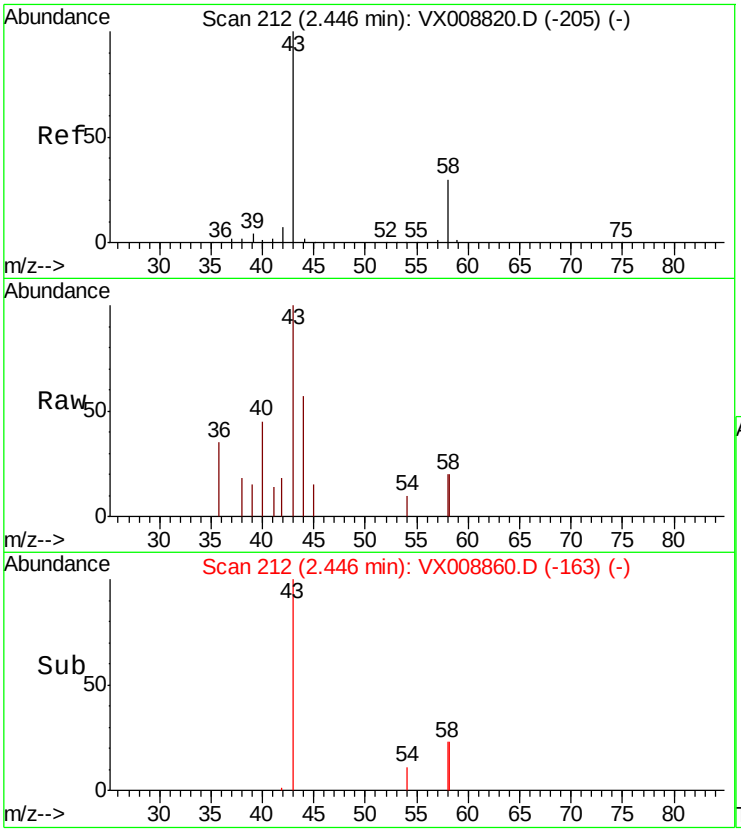


#15
Acrylonitrile
Concen: 0.475 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 53 Resp: 828

Ion	Ratio	Lower	Upper
53	100		
52	77.1	66.5	99.7
51	57.9	28.6	42.8#



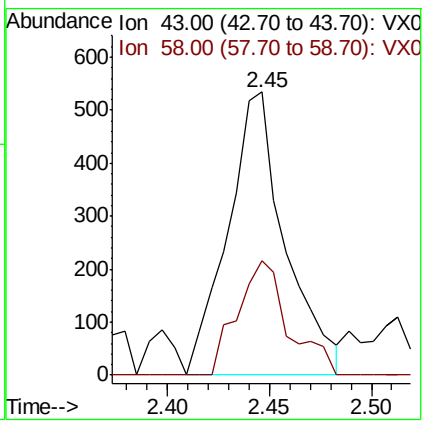


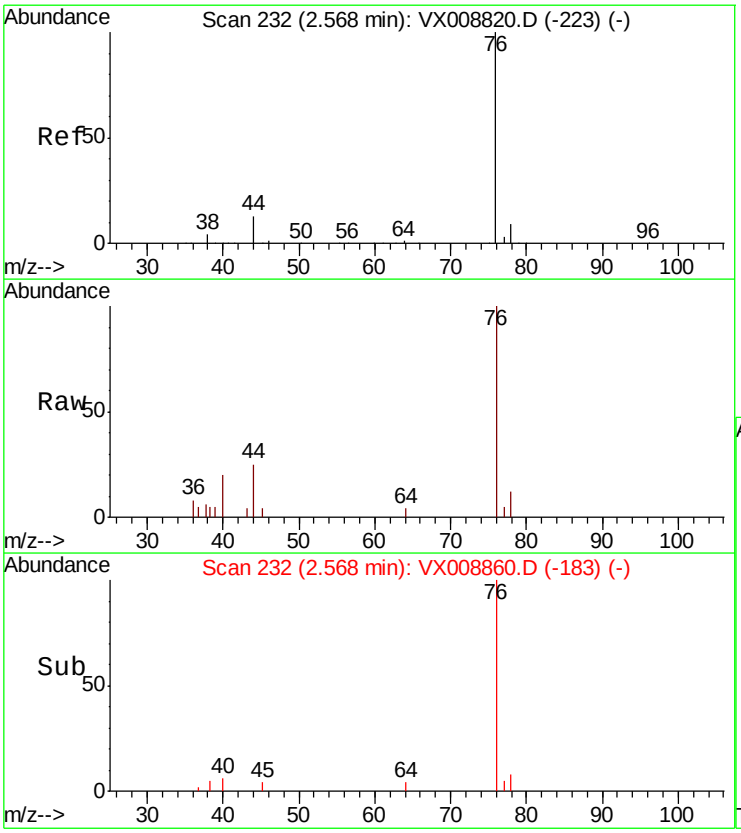
#16
Acetone
Concen: 0.647 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion: 43 Resp: 1048

Ion	Ratio	Lower	Upper
43	100		
58	40.6	24.8	37.2#

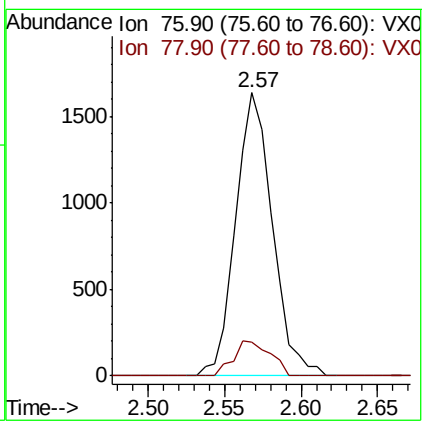


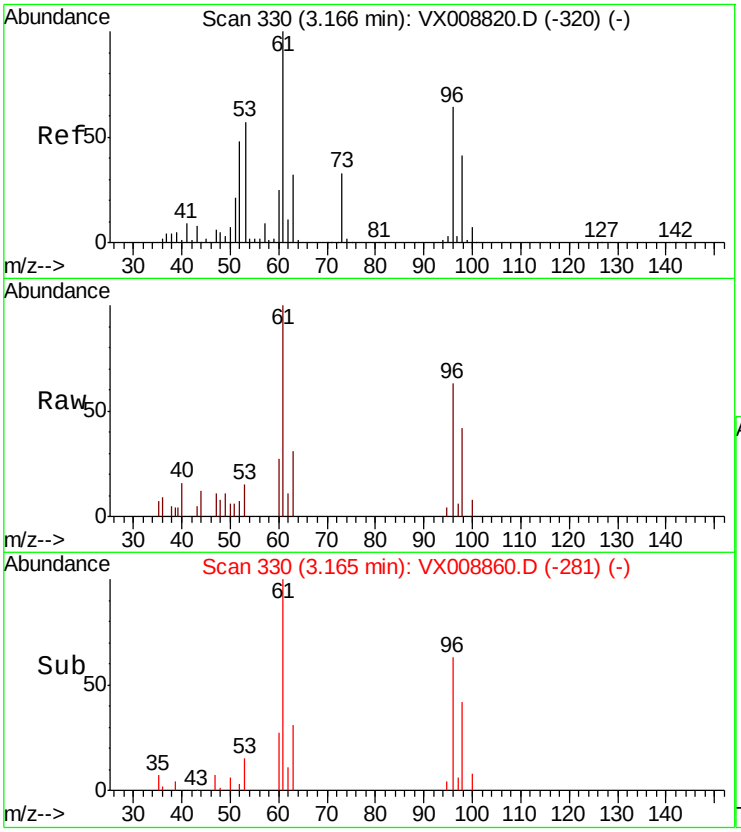


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 76 Resp: 2734

Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.1	10.7#



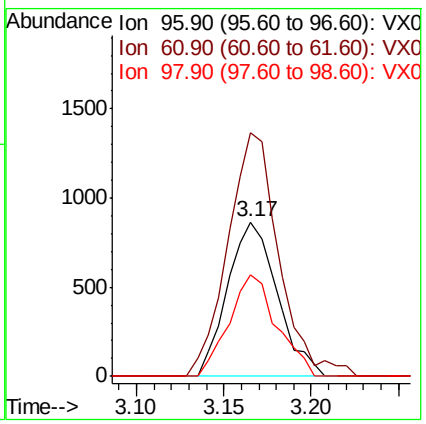


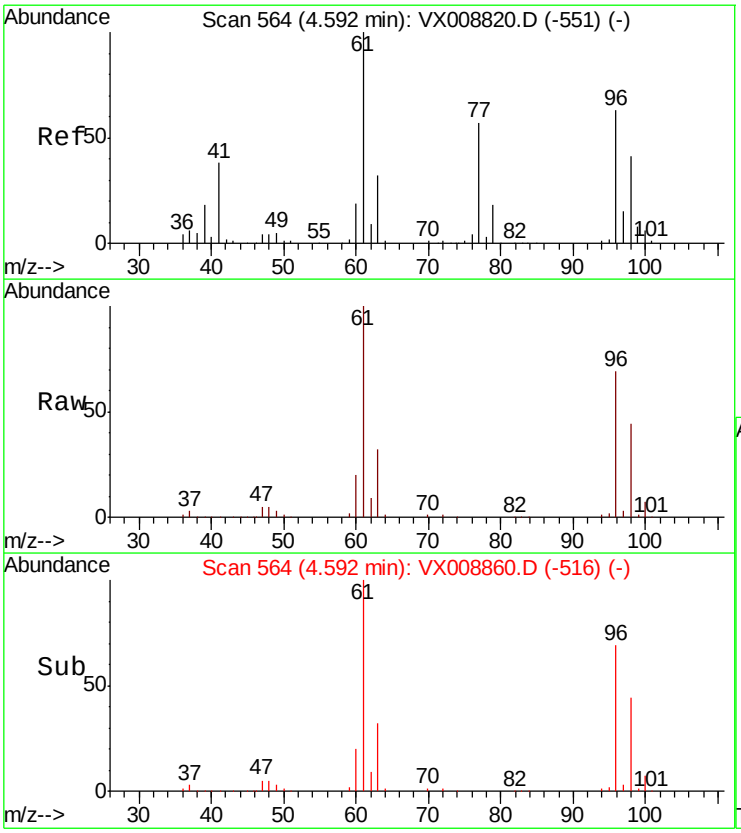
#21
trans-1,2-Dichloroethene
Concen: 0.708 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion: 96 Resp: 1707

Ion	Ratio	Lower	Upper
96	100		
61	158.1	132.1	198.1
98	66.2	52.2	78.2

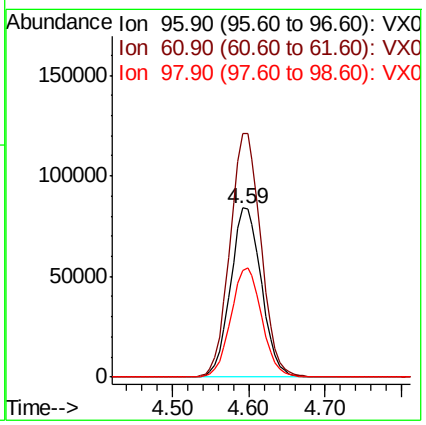


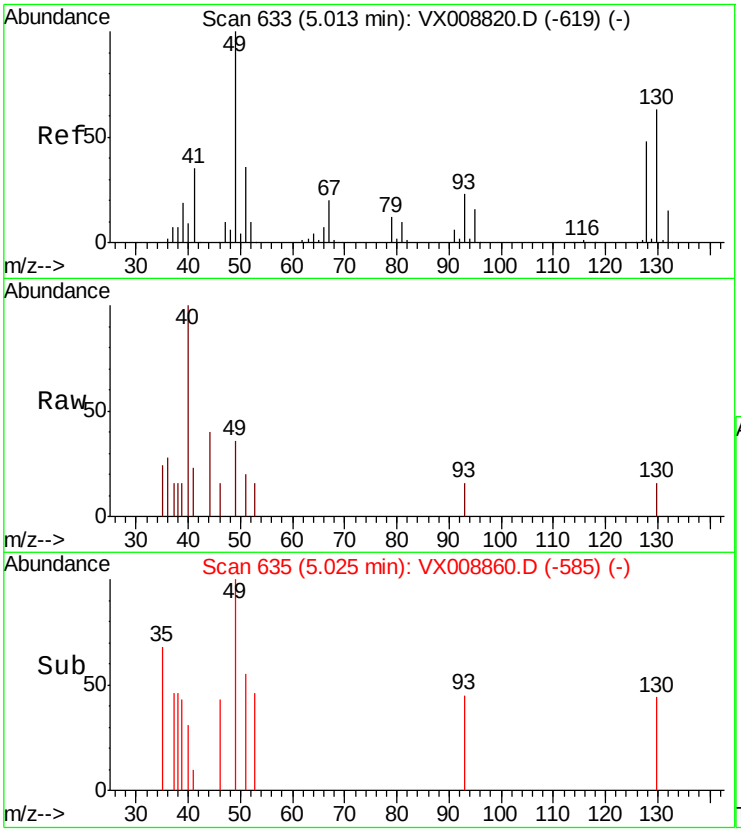


#27
cis-1,2-Dichloroethene
Concen: 84.813 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 96 Resp: 235217

Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	327.6
98	64.6	0.0	128.6



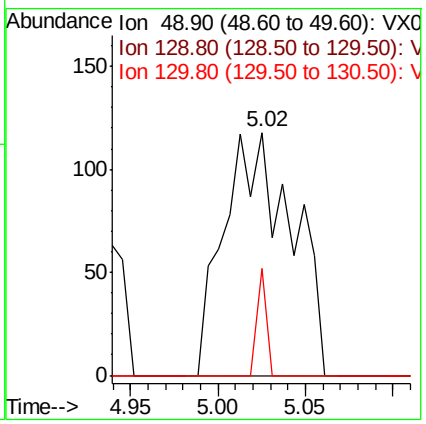


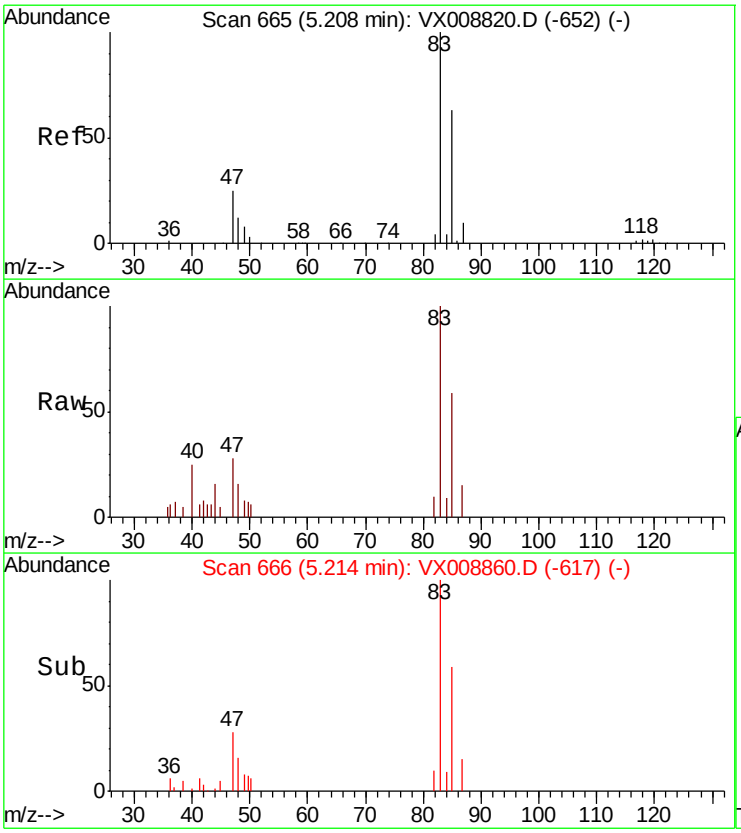
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion: 49 Resp: 319

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	6.0	49.3	73.9#

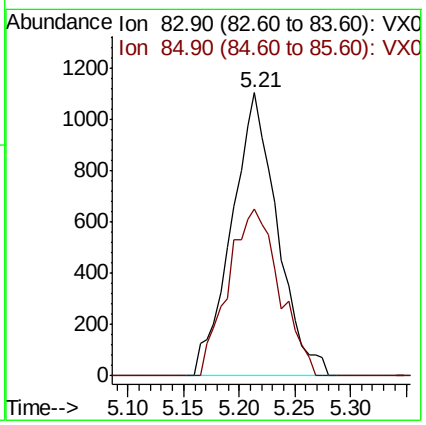


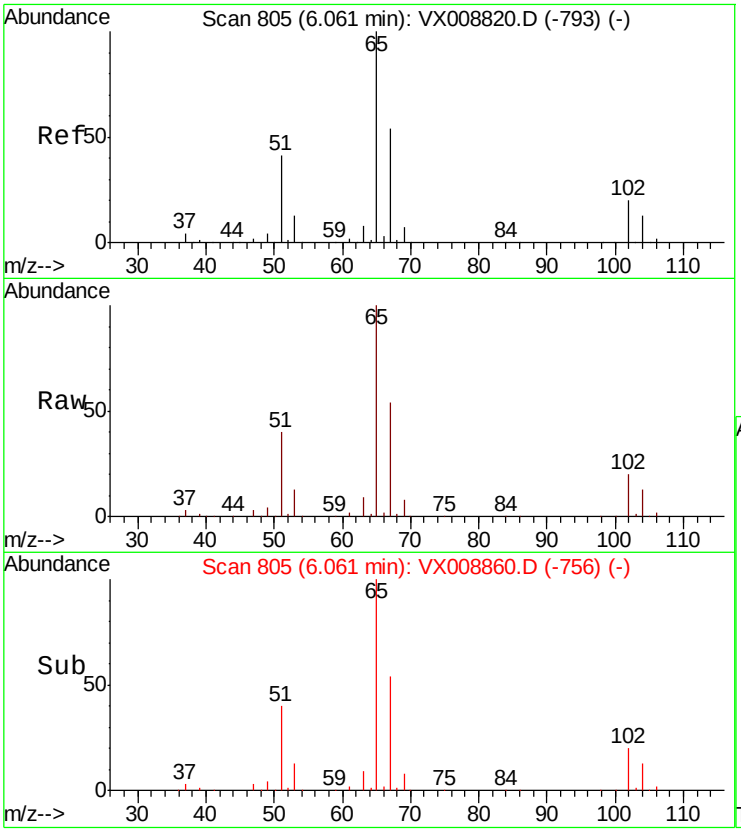


#30
Chloroform
Concen: 0.727 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 83 Resp: 3163

Ion	Ratio	Lower	Upper
83	100		
85	58.8	52.1	78.1



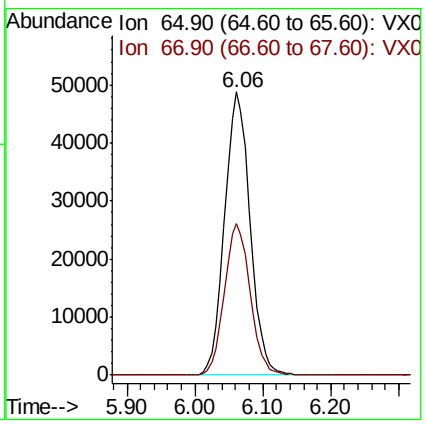


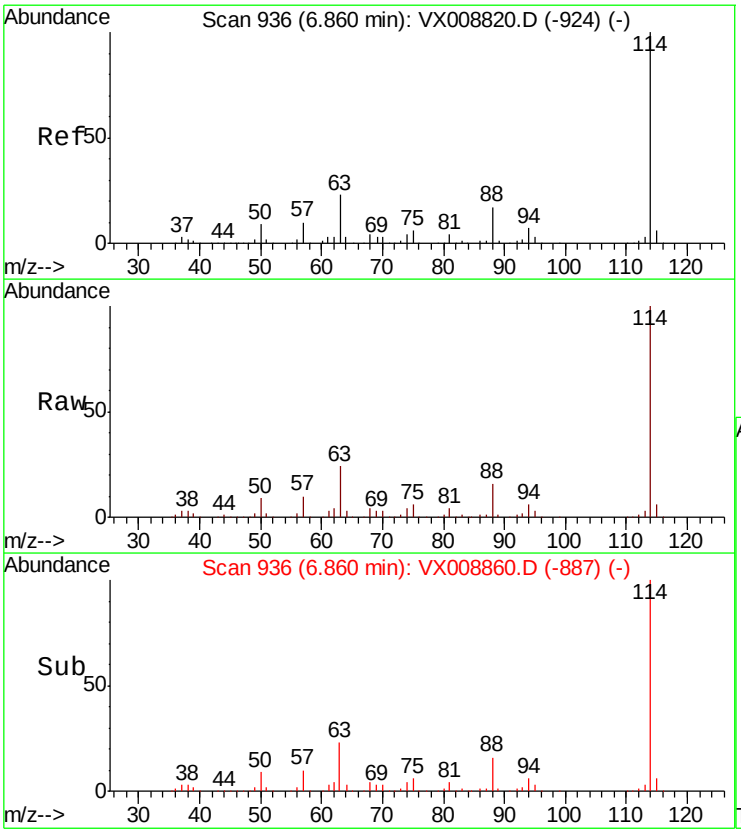
#33
1,2-Dichloroethane-d4
Concen: 45.024 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion: 65 Resp: 126678

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.2

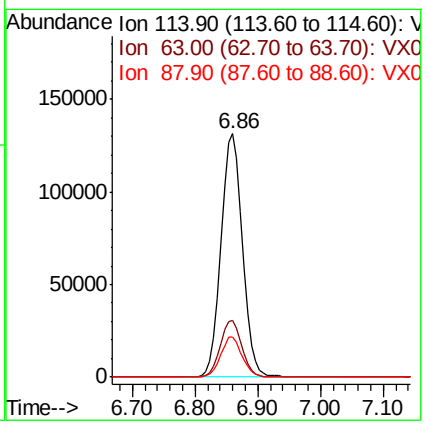


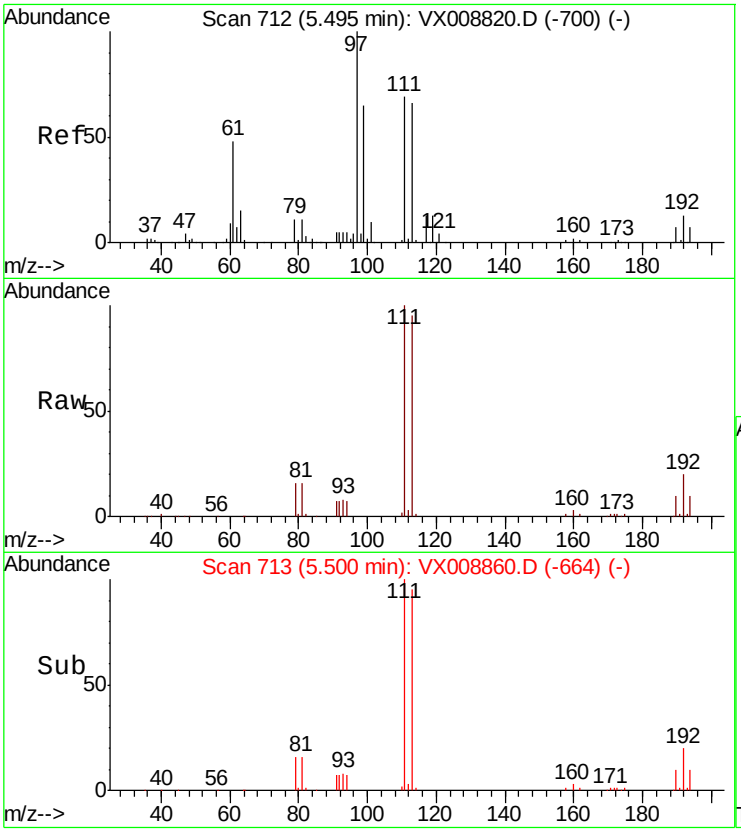


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion:114 Resp: 311348

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	47.2
88	16.2	0.0	34.0



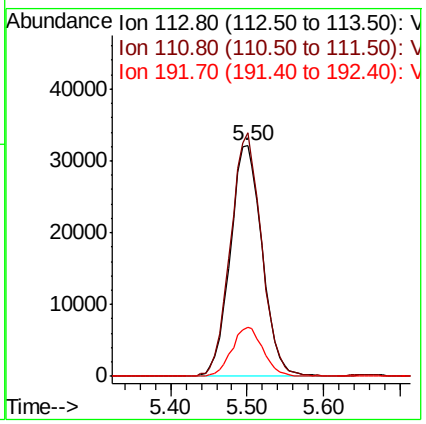


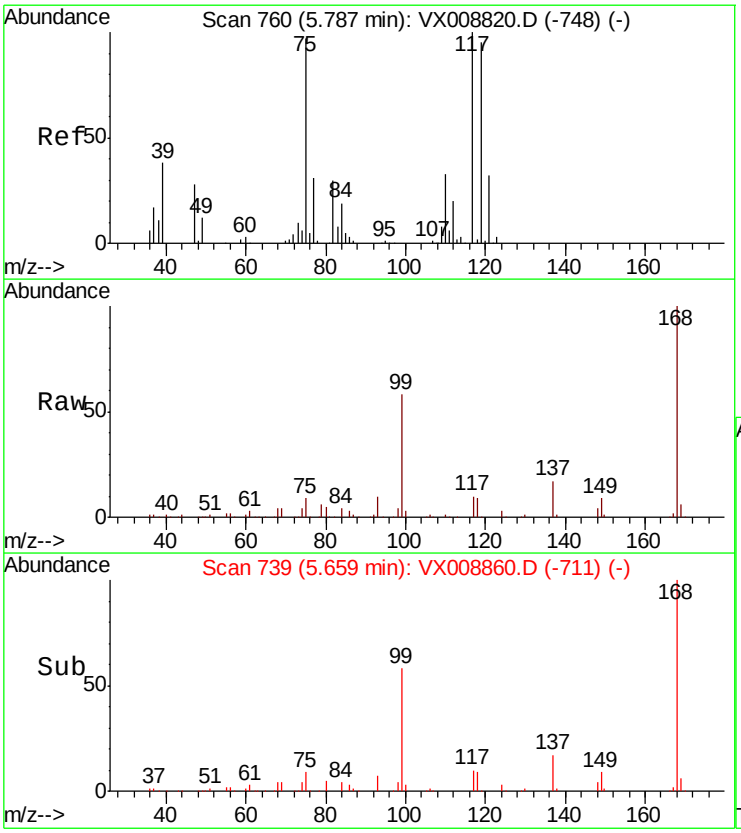
#35
Dibromofluoromethane
Concen: 46.627 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion:113 Resp: 92818

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	20.9	16.1	24.1

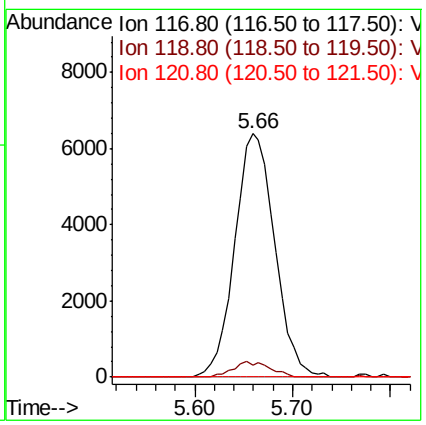


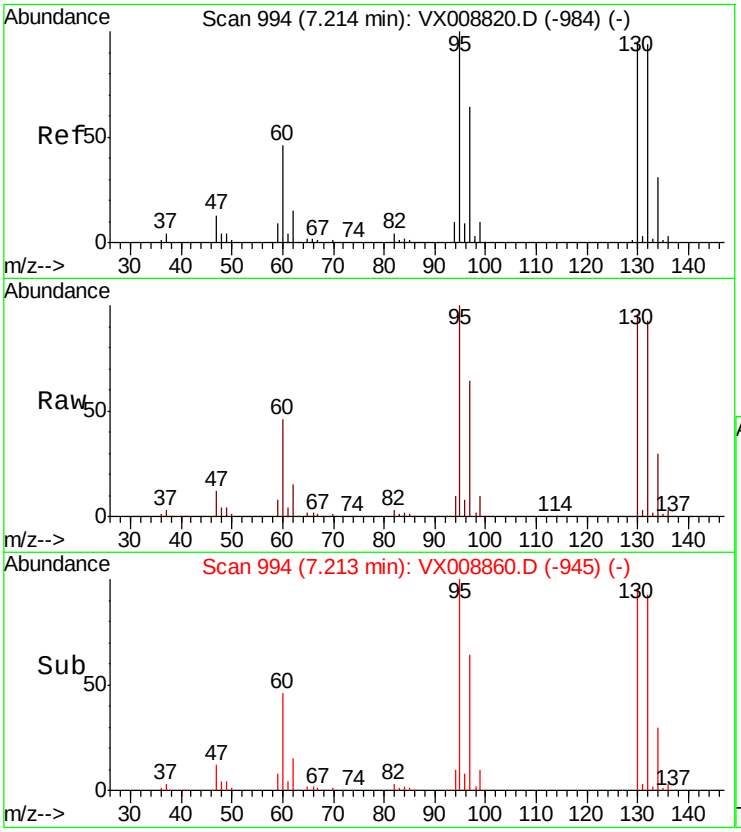


#38
Carbon Tetrachloride
Concen: 6.433 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion:117 Resp: 18122

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.0	112.6#
121	0.0	24.3	36.5#



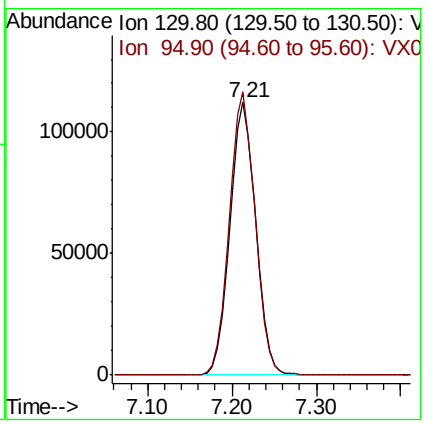


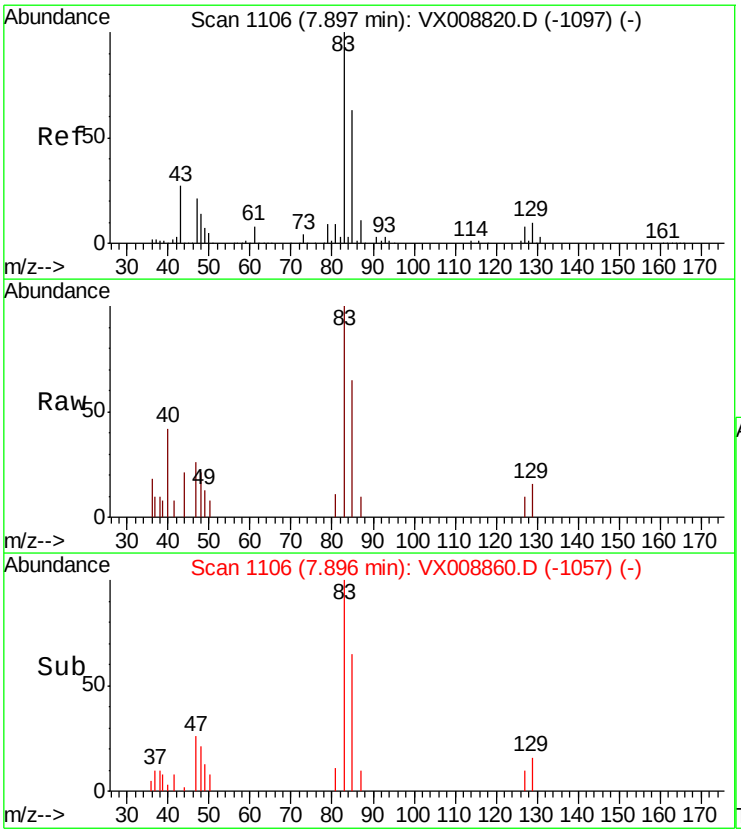
#44
Trichloroethene
Concen: 98.230 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion:130 Resp: 231963

Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	209.8

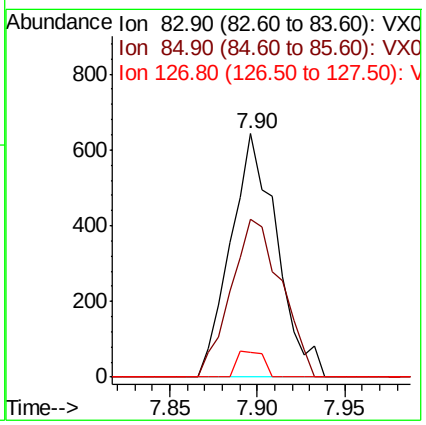


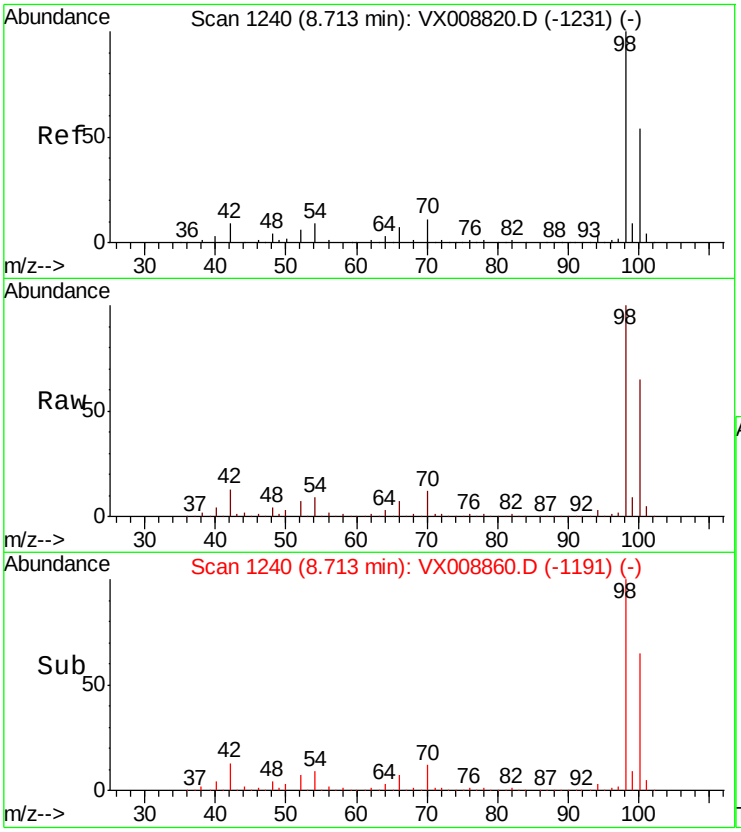


#47
Bromodichloromethane
Concen: 0.374 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 83 Resp: 1184

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.2	76.8
127	10.4	6.6	10.0#



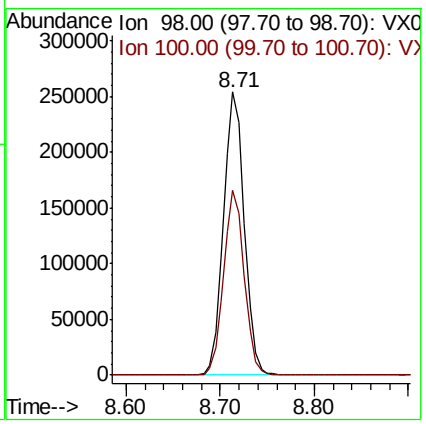


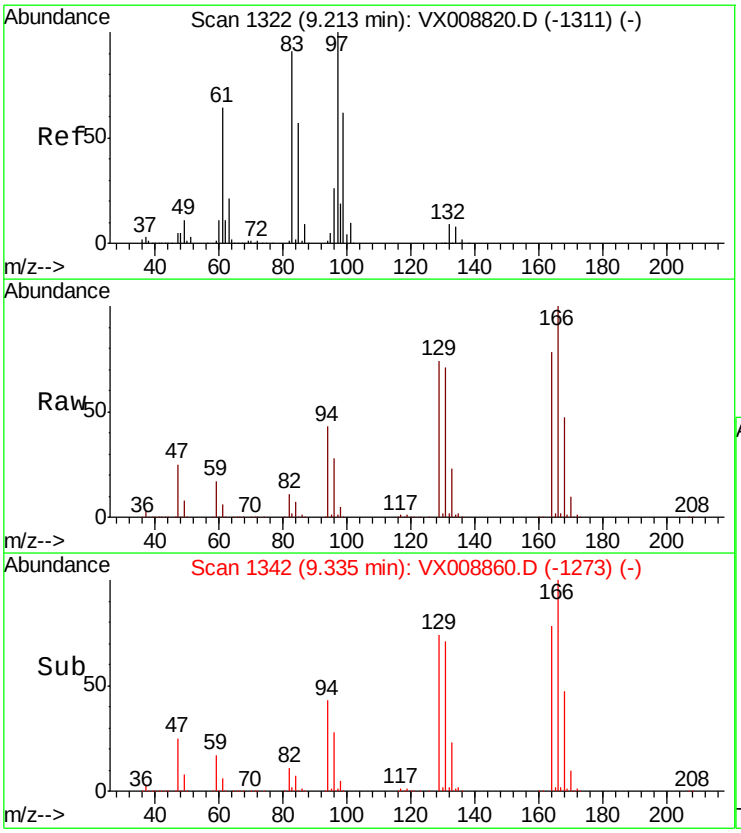
#50
Toluene-d8
Concen: 49.039 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion: 98 Resp: 388690

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0

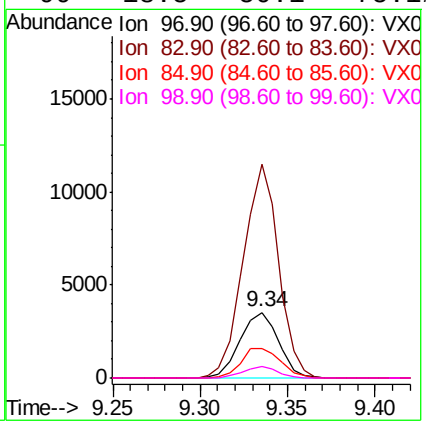


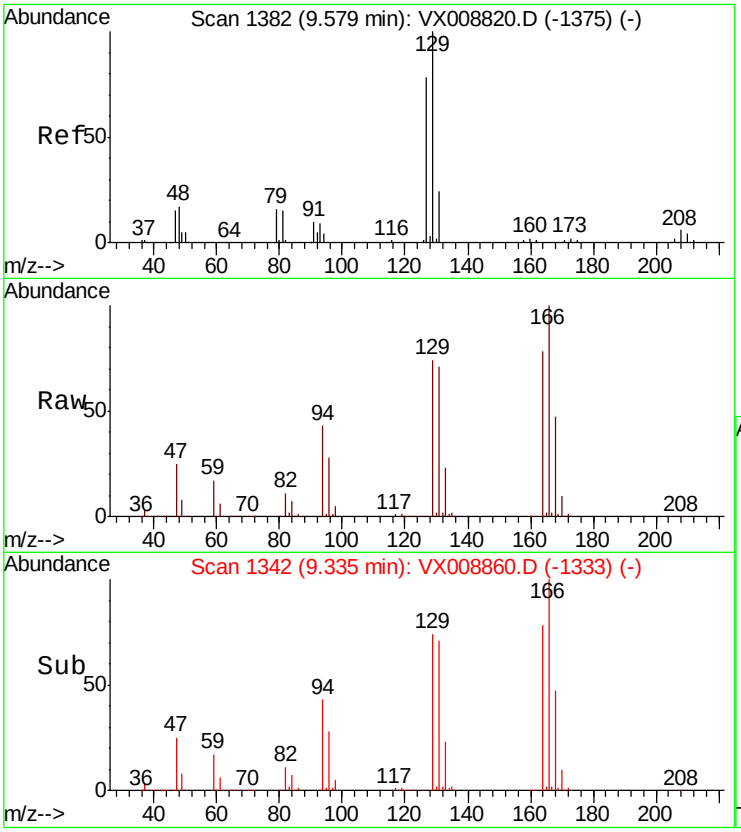


#55
1,1,2-Trichloroethane
Concen: 2.244 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.12 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 97 Resp: 5385

Ion	Ratio	Lower	Upper
97	100		
83	326.4	73.2	109.8#
85	45.1	46.6	69.8#
99	18.5	50.1	75.1#



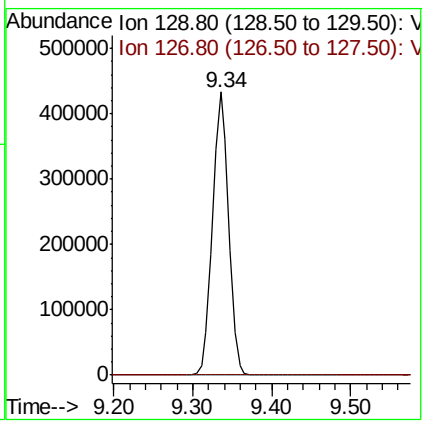


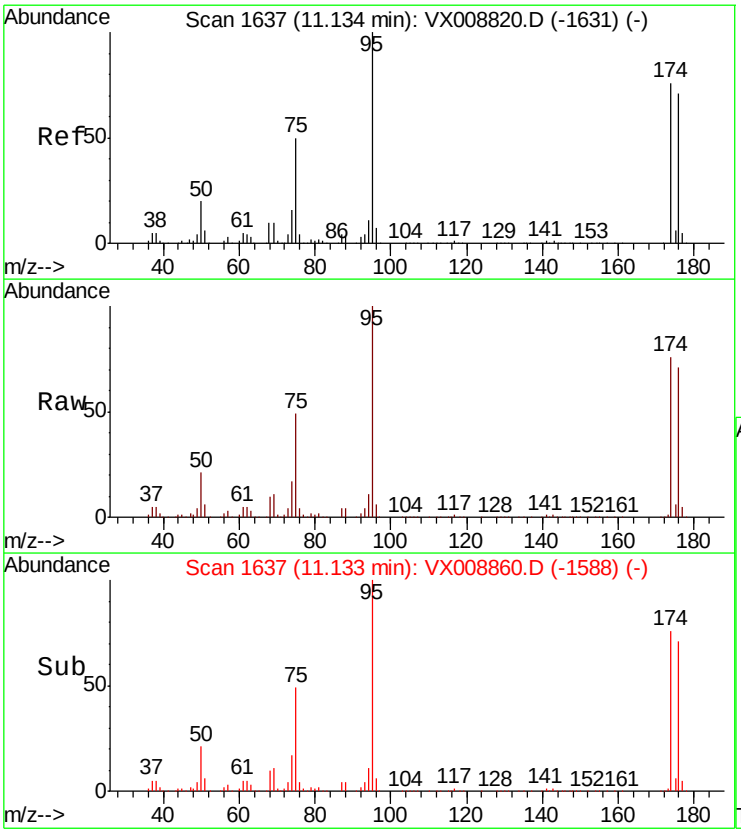
#60
Dibromochloromethane
Concen: 272.937 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion:129 Resp: 617108

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#

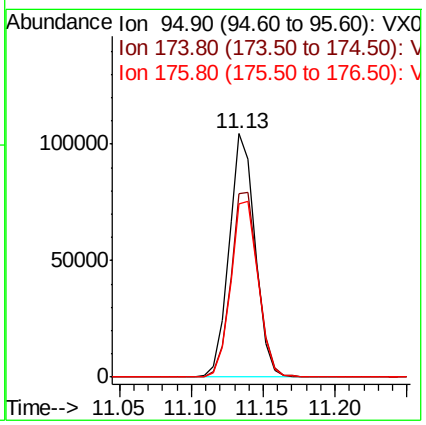


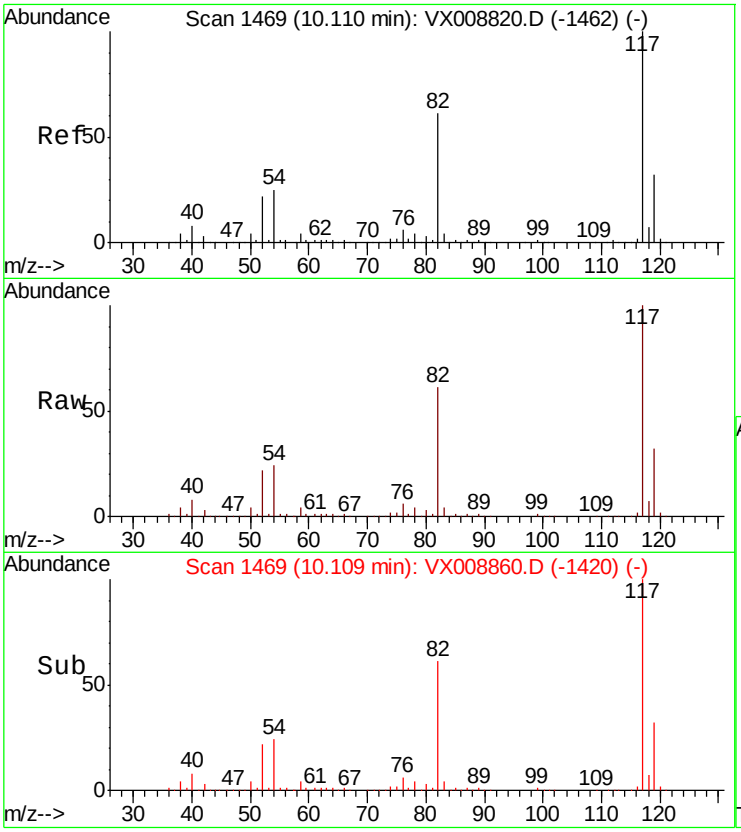


#62
4-Bromofluorobenzene
Concen: 47.277 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 95 Resp: 132885

Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	151.8
176	75.8	0.0	145.8



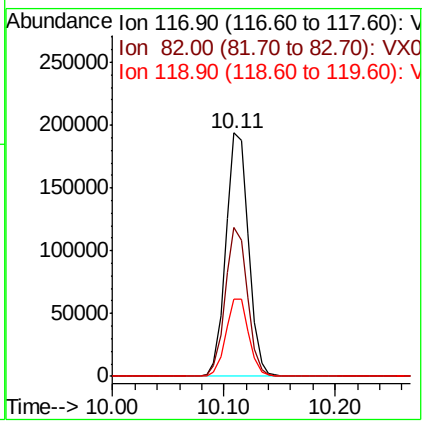


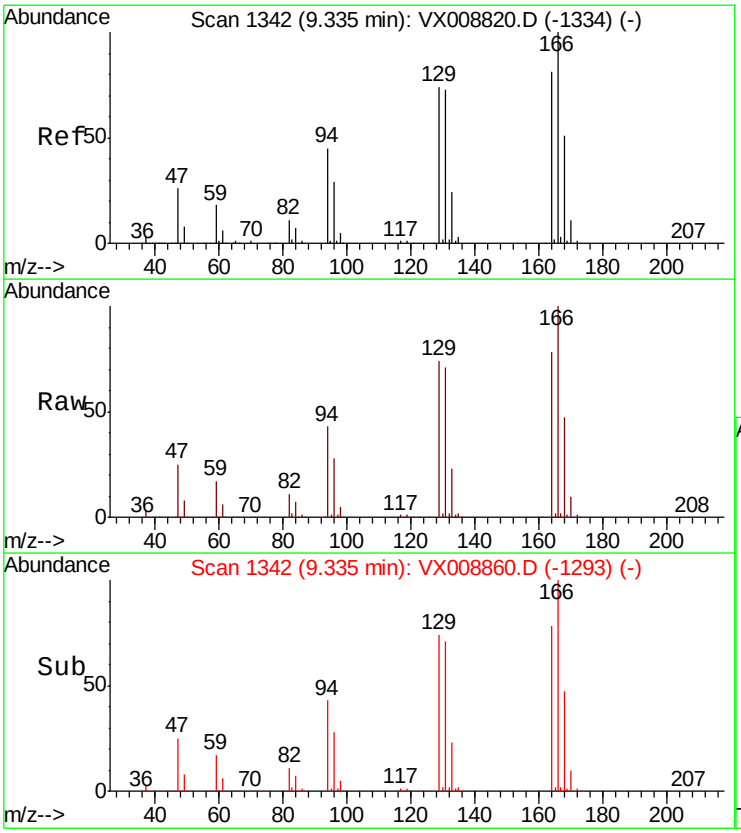
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion:117 Resp: 271353

Ion	Ratio	Lower	Upper
117	100		
82	61.0	49.6	74.4
119	31.9	25.0	37.4

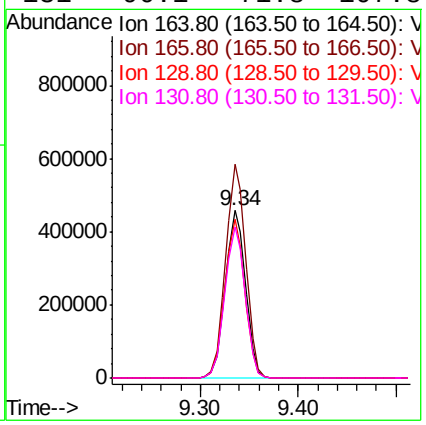


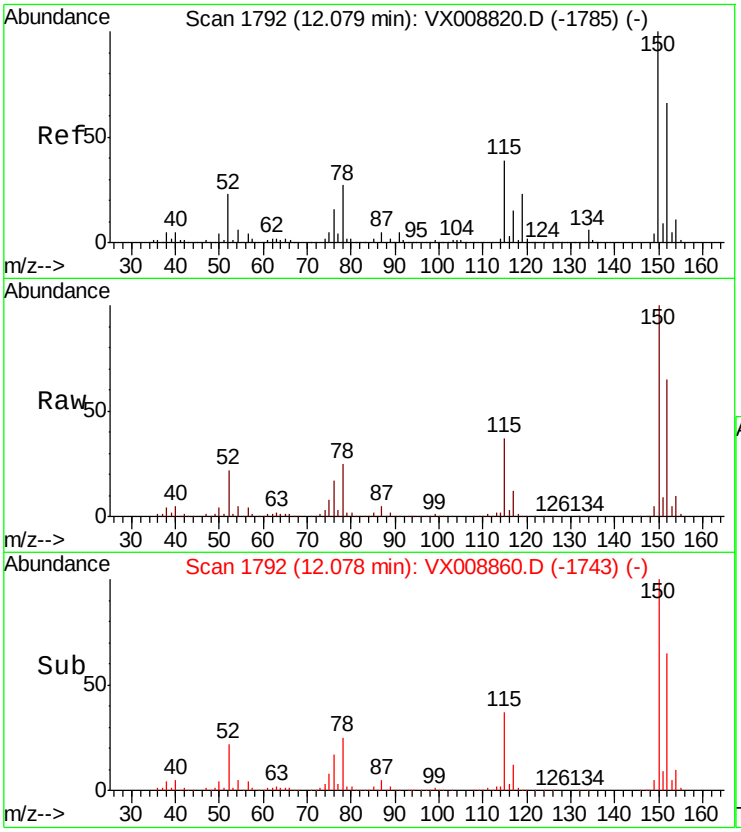


#64
Tetrachloroethene
Concen: 326.479 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion:164 Resp: 656366

Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.0	151.6
129	94.6	75.8	113.8
131	90.1	71.8	107.8



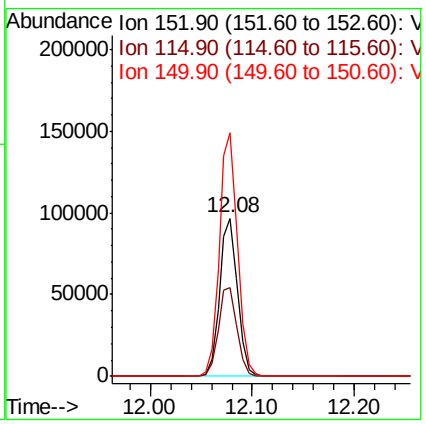


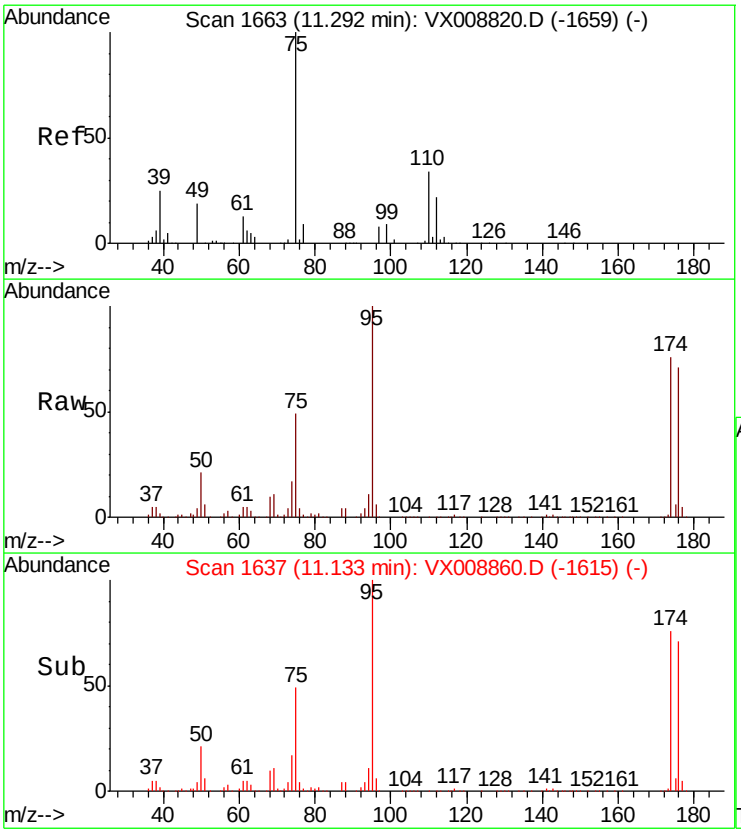
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion:152 Resp: 118245

Ion	Ratio	Lower	Upper
152	100		
115	58.9	43.5	130.5
150	155.9	0.0	348.8

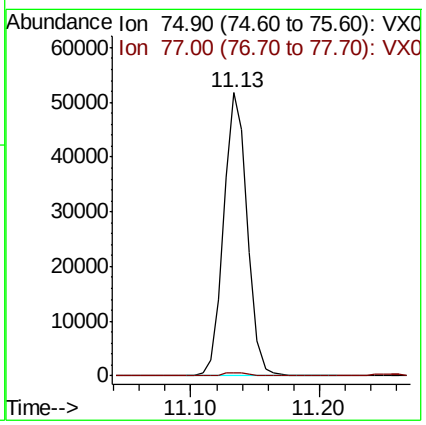


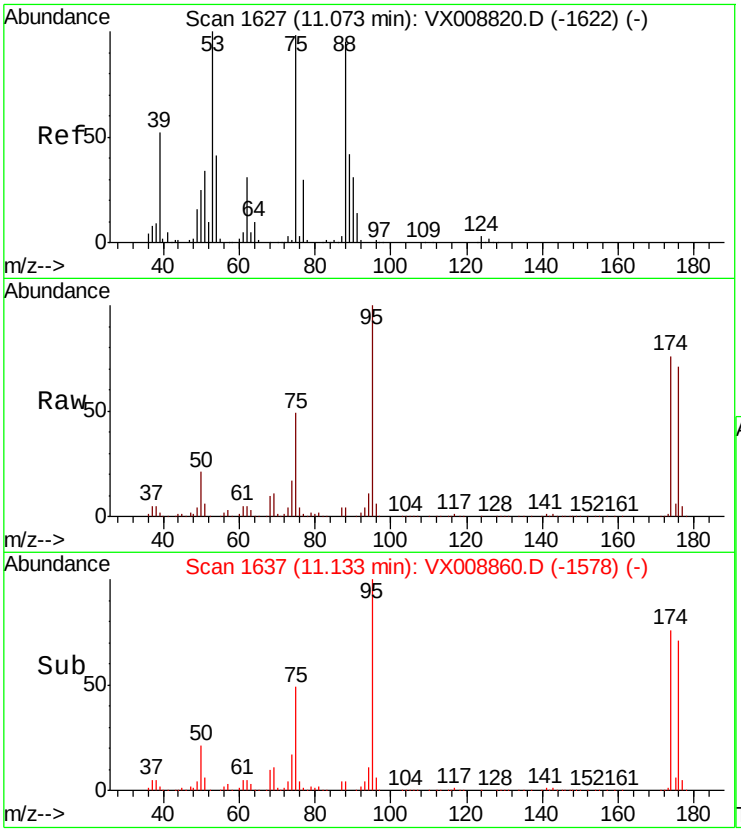


#76
1,2,3-Trichloropropane
Concen: 20.442 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.17 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion: 75 Resp: 66403

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.3	66.8#



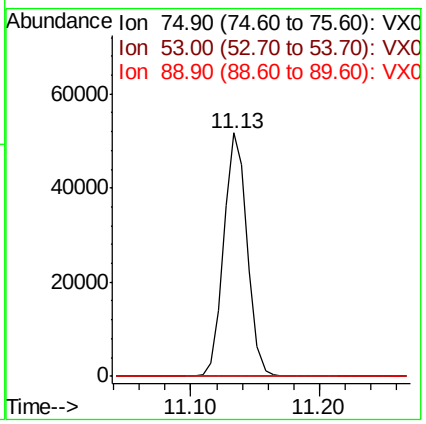


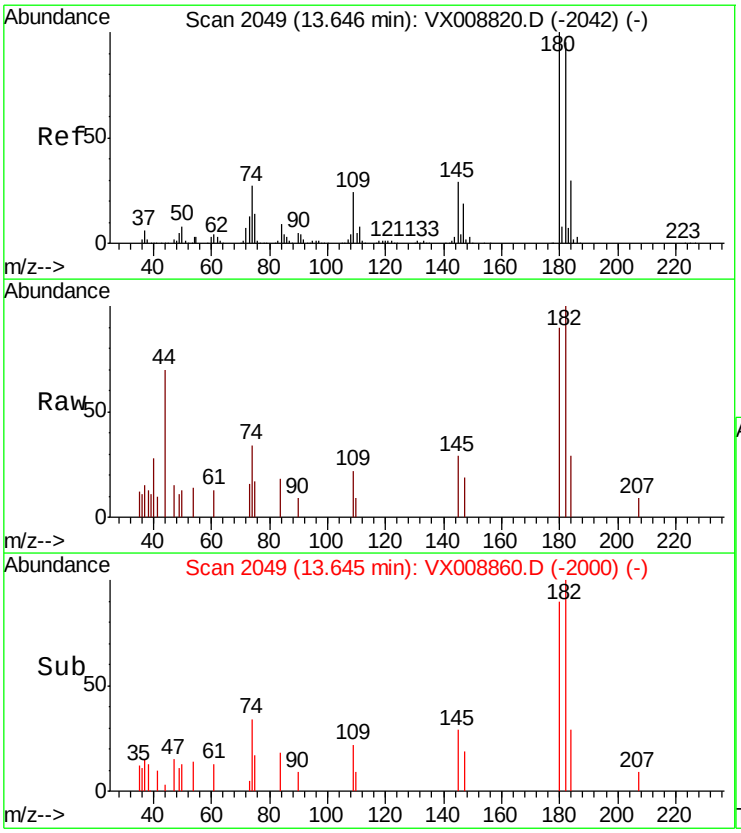
#81
trans-1,4-Dichloro-2-butene
Concen: 56.350 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion: 75 Resp: 66403

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.3	121.9#
89	0.0	35.6	53.4#

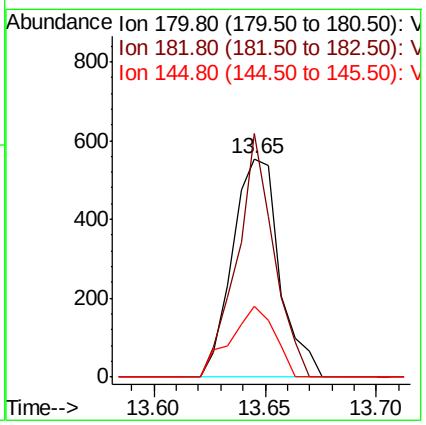


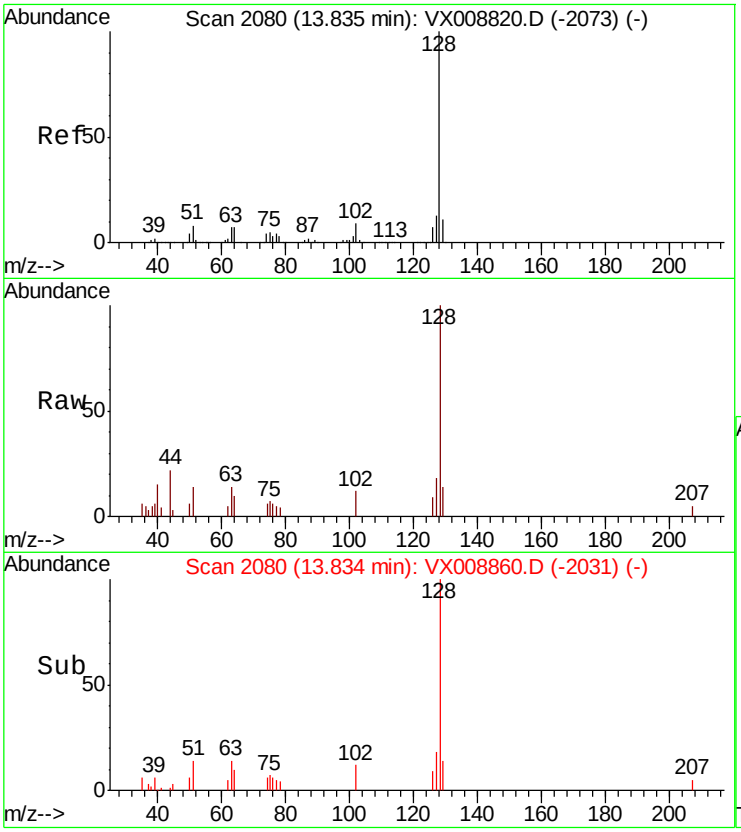


#93
1,2,4-Trichlorobenzene
Concen: 0.280 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion:180 Resp: 814

Ion	Ratio	Lower	Upper
180	100		
182	87.0	47.2	141.6
145	30.6	15.3	45.9



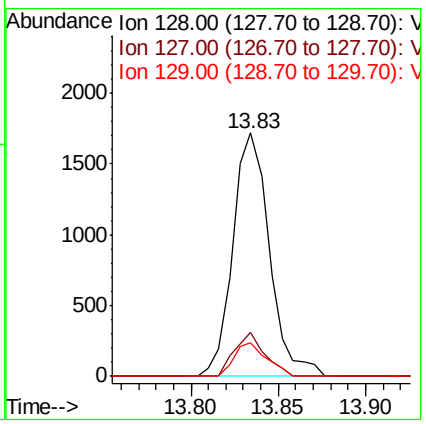


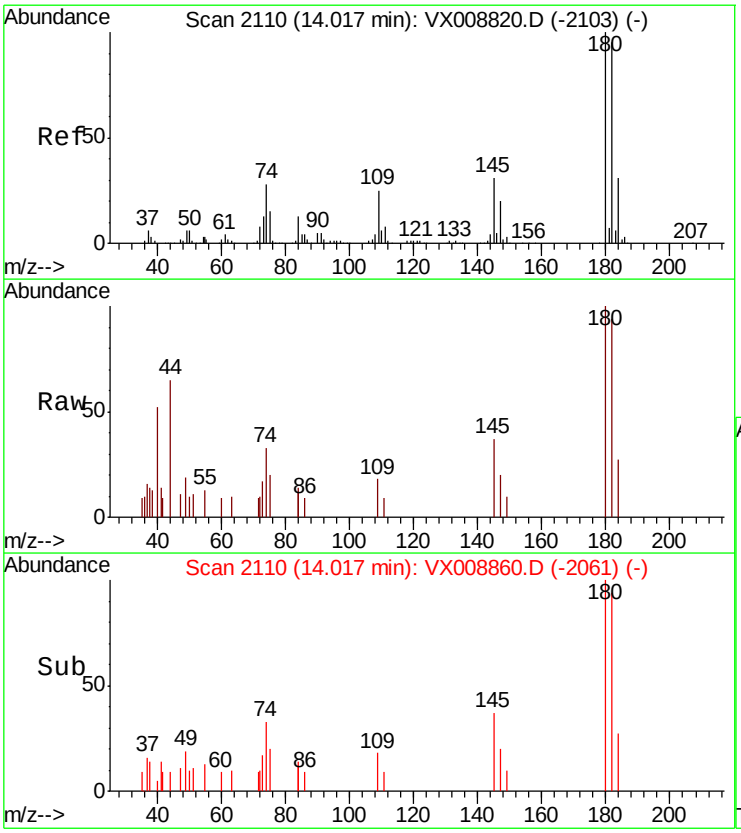
#95
Naphthalene
Concen: 0.258 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tgt Ion:128 Resp: 2506

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.4	15.6
129	12.1	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.262 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion:180 Resp: 761

Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.1	144.3
145	30.1	16.3	48.8