Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006184.D
Acq On : 26 Nov 2018 19:11
Operator : JC/MD
Sample : PB115023ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 27 02:31:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	309980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	461244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	197173	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.78%			
35) Dibromofluoromethane	5.51	113	161040	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.52%			
50) Toluene-d8	8.71	98	604727	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.84%			
62) 4-Bromofluorobenzene	11.14	95	197545	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.16%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	703	0.242	ug/l	94
5) Bromomethane	1.65	94	130	3.768	ug/l #	2
6) Chloroethane	1.77	64	376	Below Cal	#	67
13) Acrolein	2.29	56	94	0.206	ug/l #	13
16) Acetone	2.45	43	13623	8.547	ug/l	99
17) Carbon Disulfide	2.57	76	1812	0.300	ug/l #	55
18) Methyl Acetate	2.78	43	6365	1.557	ug/l #	87
20) Methylene Chloride	2.86	84	10955	4.222	ug/l	97
25) 2-Butanone	4.70	43	2237	0.756	ug/l #	83
29) Tetrahydrofuran	5.16	42	779	0.422	ug/l #	72
36) 1,1-Dichloropropene	5.66	75	22379	5.271	ug/l #	51
38) Carbon Tetrachloride	5.66	117	28353	7.105	ug/l #	19
43) Isopropyl Acetate	6.46	43	19863	2.518	ug/l	98
48) Methyl methacrylate	7.68	41	10397	2.599	ug/l #	17
49) 1,4-Dioxane	7.77	88	75	0.790	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	94127	16.644	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	40699	8.414	ug/l #	65
56) Ethyl methacrylate	9.17	69	233	2.907	ug/l #	23
57) 1,3-Dichloropropane	9.54	76	11314	2.048	ug/l #	45
58) 2-Chloroethyl Vinyl ether	8.32	63	122	6.762	ug/l	100
59) 2-Hexanone	9.54	43	164582	36.671	ug/l #	52
74) N-amyl acetate	10.69	43	14327	4.301	ug/l #	60
76) 1,2,3-Trichloropropane	11.14	75	102148	23.549	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	7250	0.675	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	102148	79.649	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	263	0.236	ug/l #	1

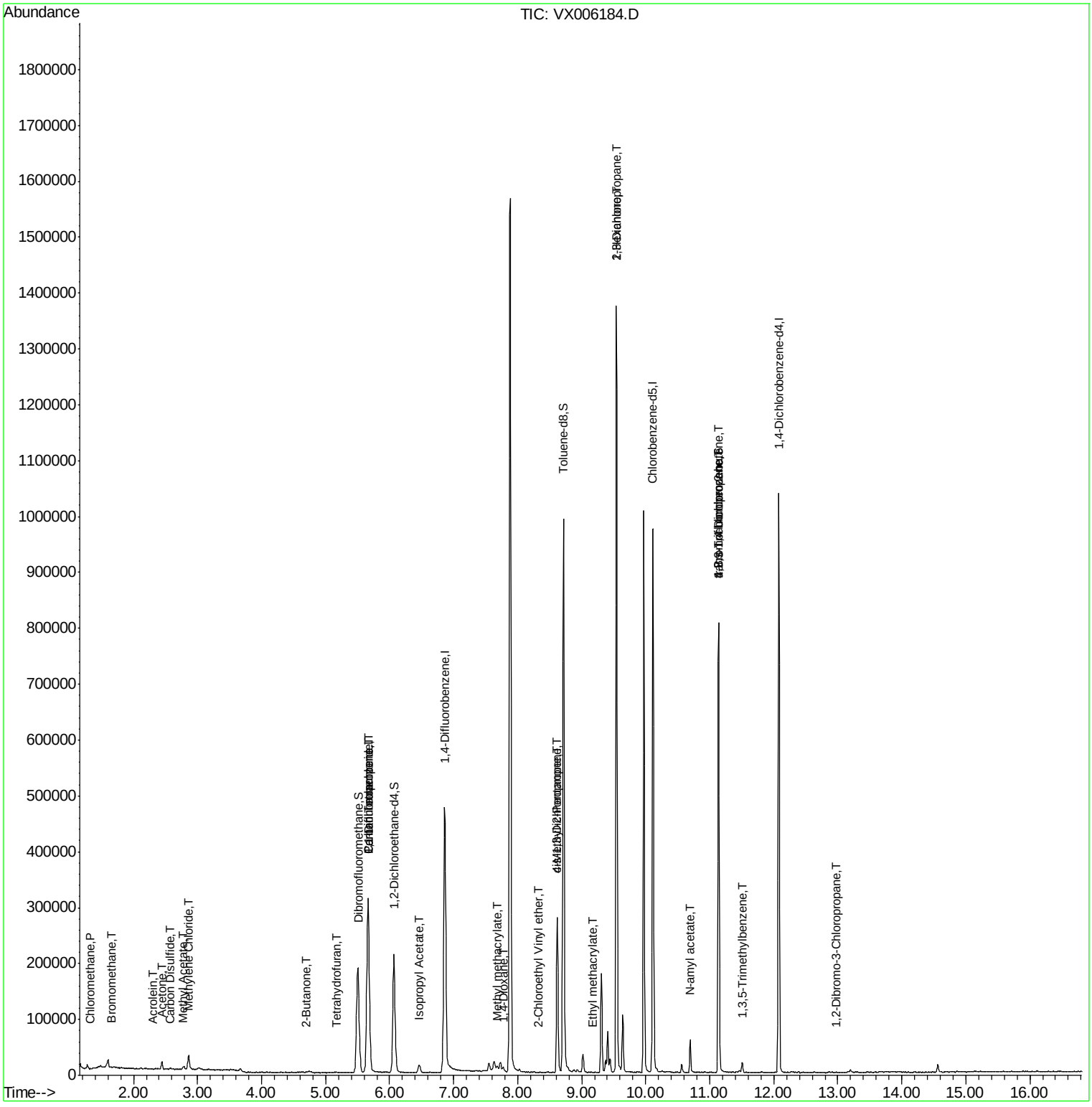
(#) = qualifier out of range (m) = manual integration (+) = signals summed

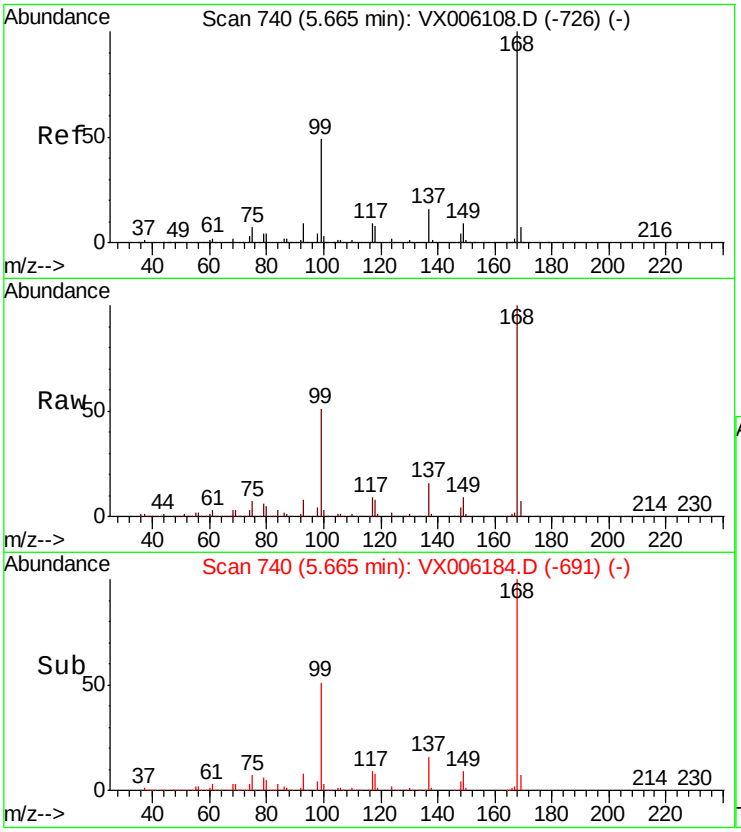
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006184.D
Acq On : 26 Nov 2018 19:11
Operator : JC/MD
Sample : PB115023ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 27 02:31:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration



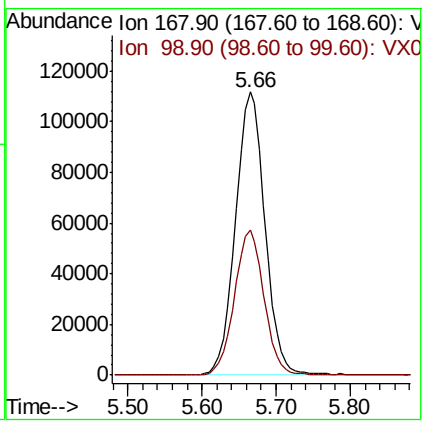


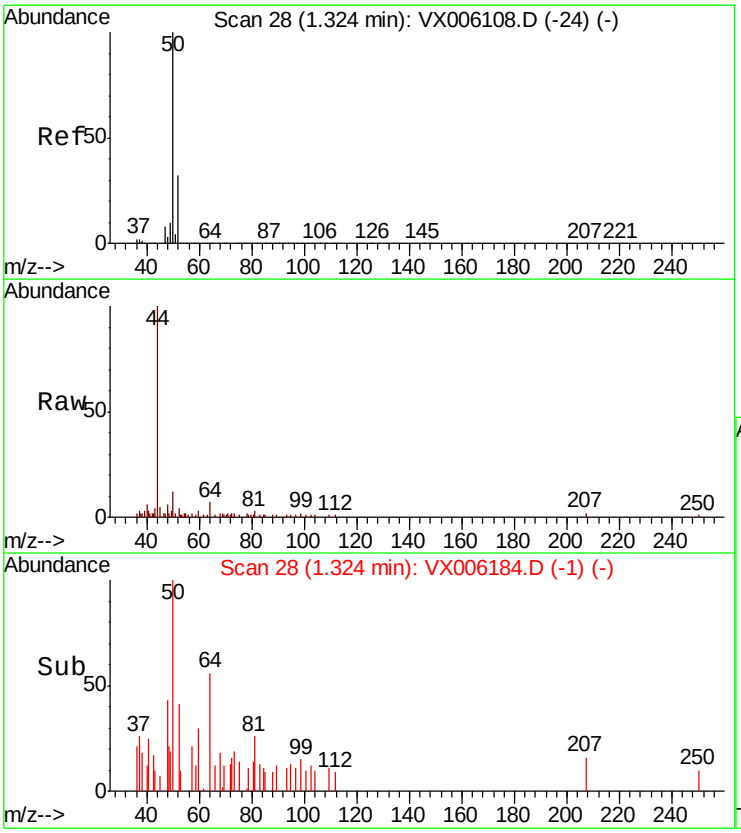
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 309980

Ion	Ratio	Lower	Upper
168	100		
99	51.4	39.2	58.8

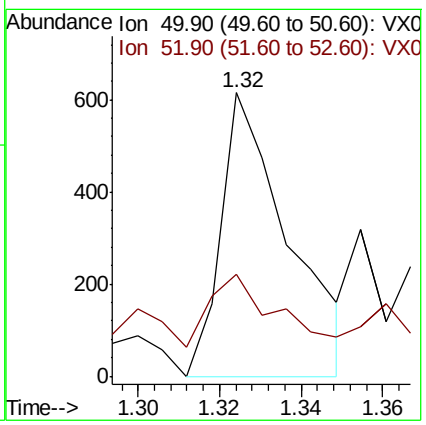


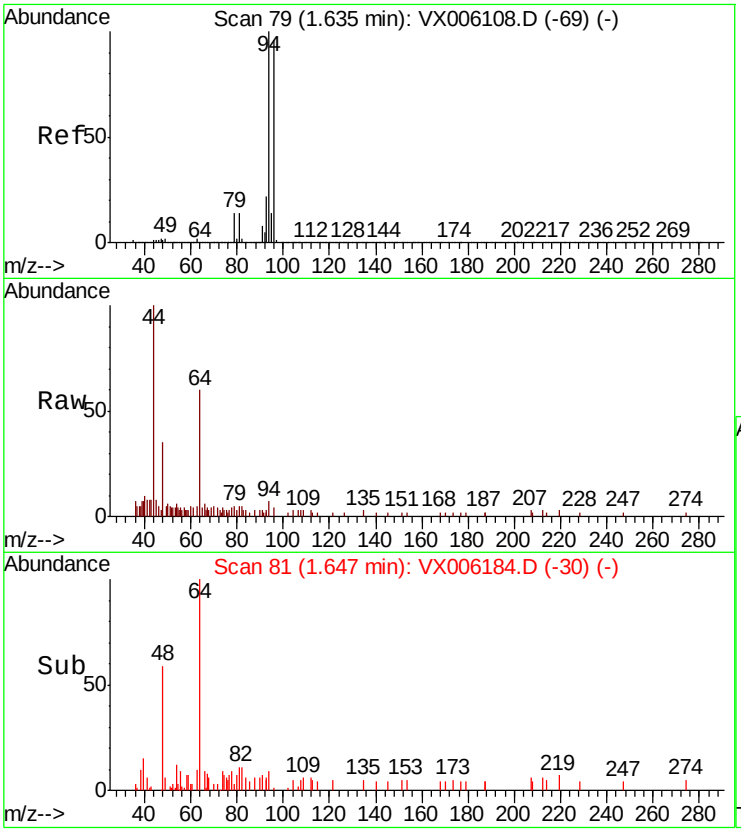


#3
Chloromethane
Concen: 0.242 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 50 Resp: 703

Ion	Ratio	Lower	Upper
50	100		
52	28.9	25.6	38.4



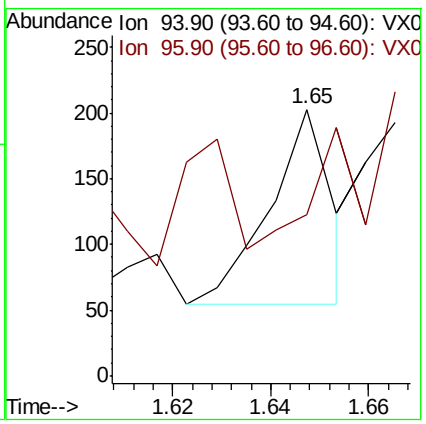


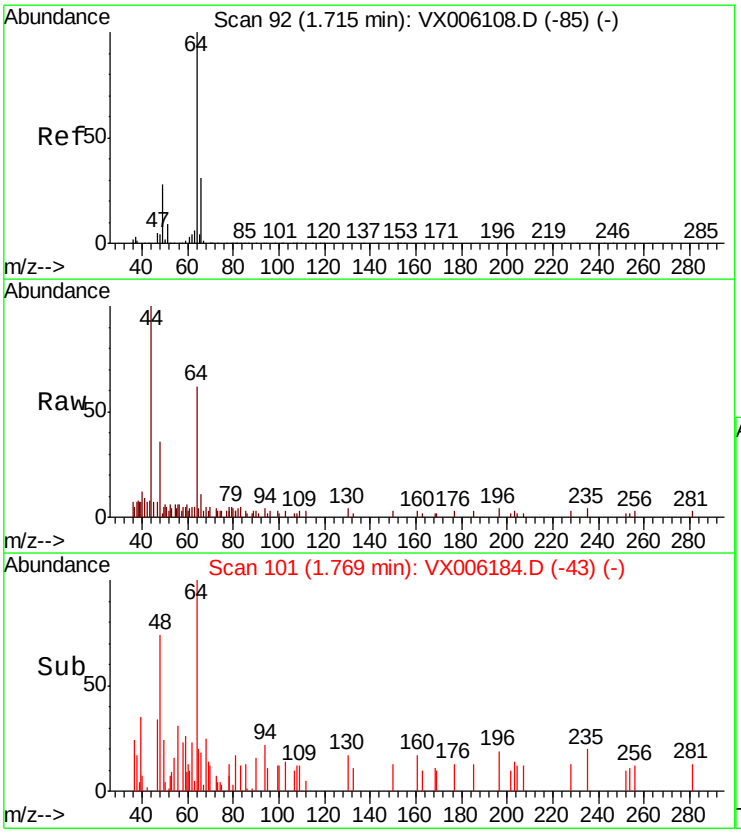
#5
Bromomethane
Concen: 3.768 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 130

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.7	115.1#

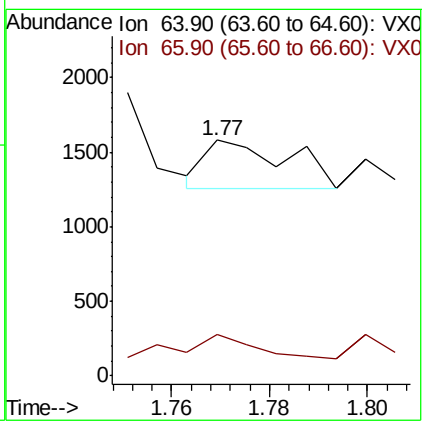


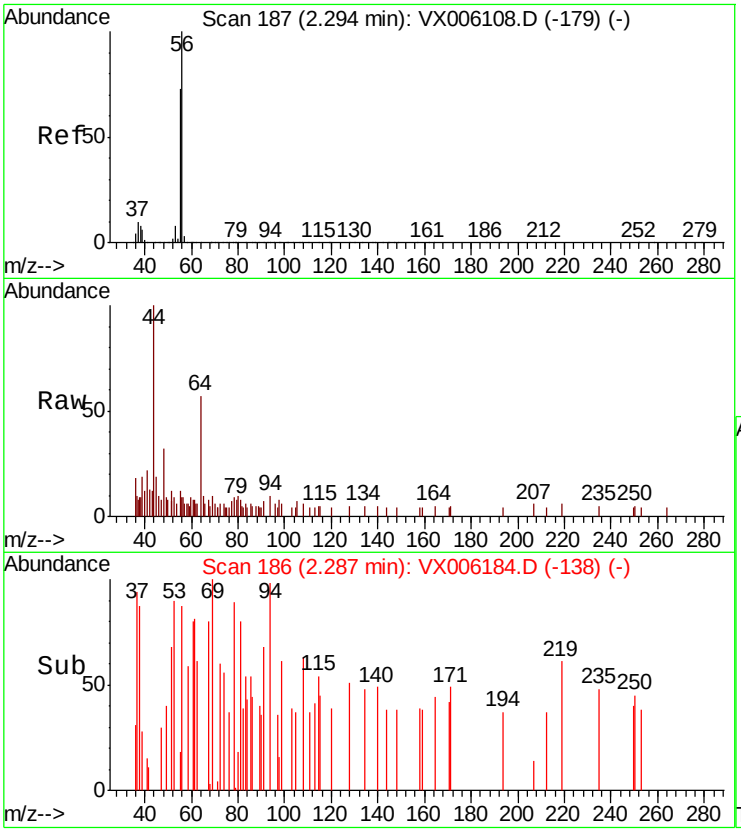


#6
Chloroethane
Concen: Below Cal
RT: 1.77 min Scan# 101
Delta R.T. 0.06 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 64 Resp: 376

Ion	Ratio	Lower	Upper
64	100		
66	49.5	25.1	37.7#



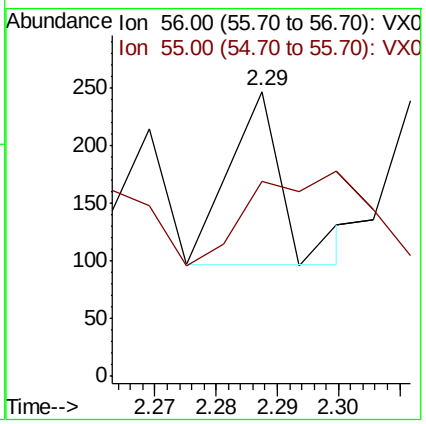


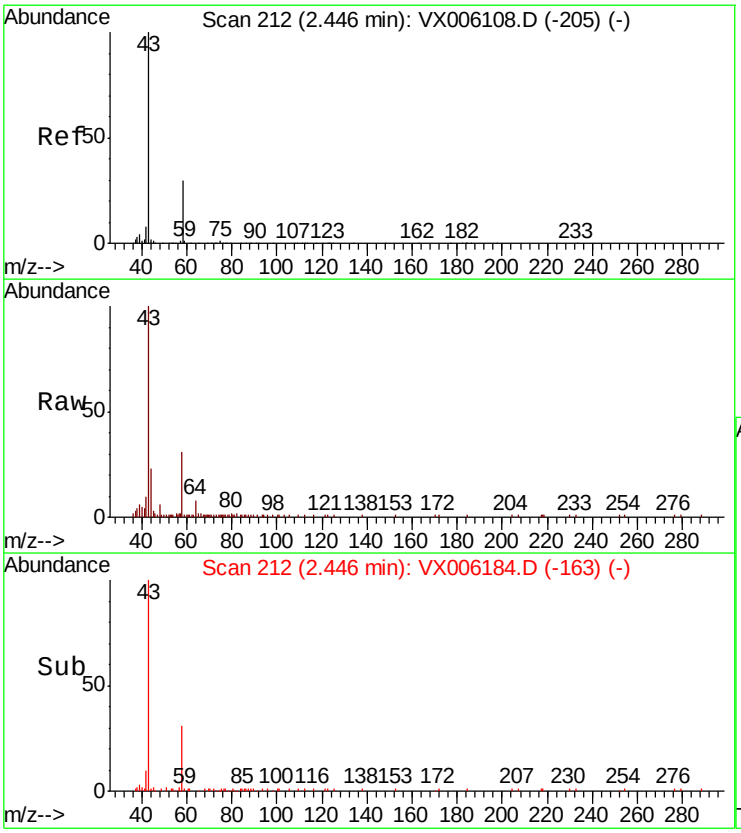
#13
Acrolein
Concen: 0.206 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 94

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.8	86.6#

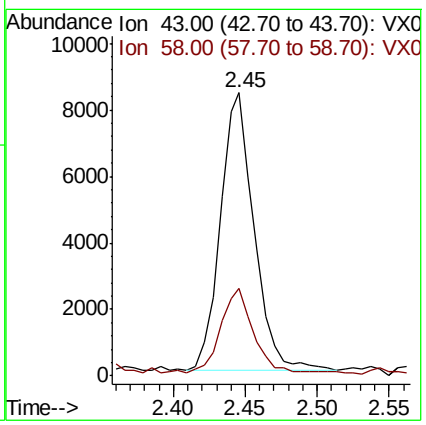


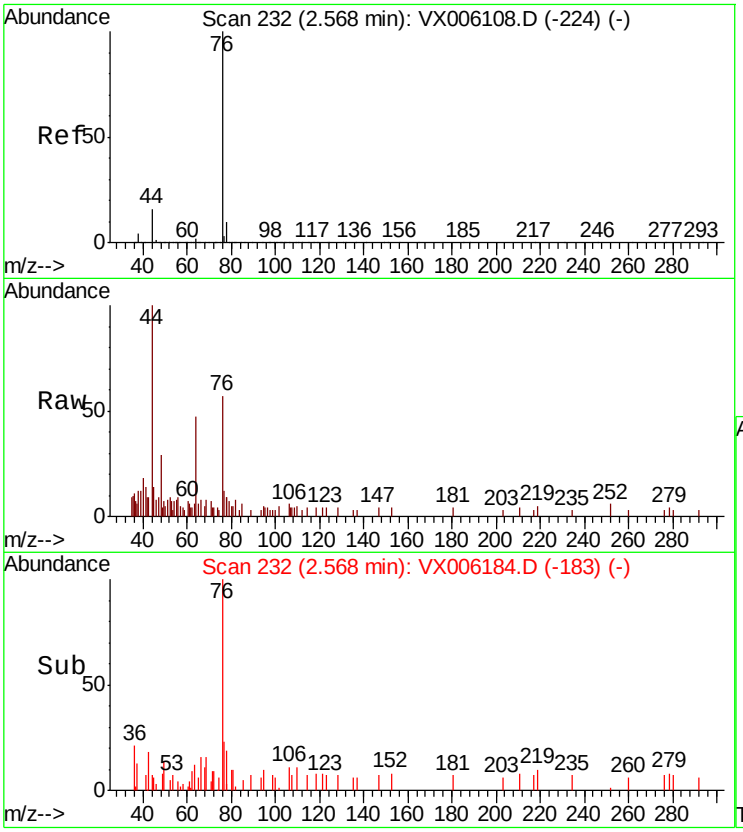


#16
Acetone
Concen: 8.547 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 43 Resp: 13623

Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.8	35.8



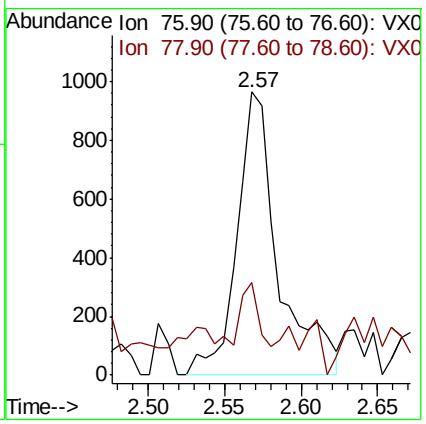


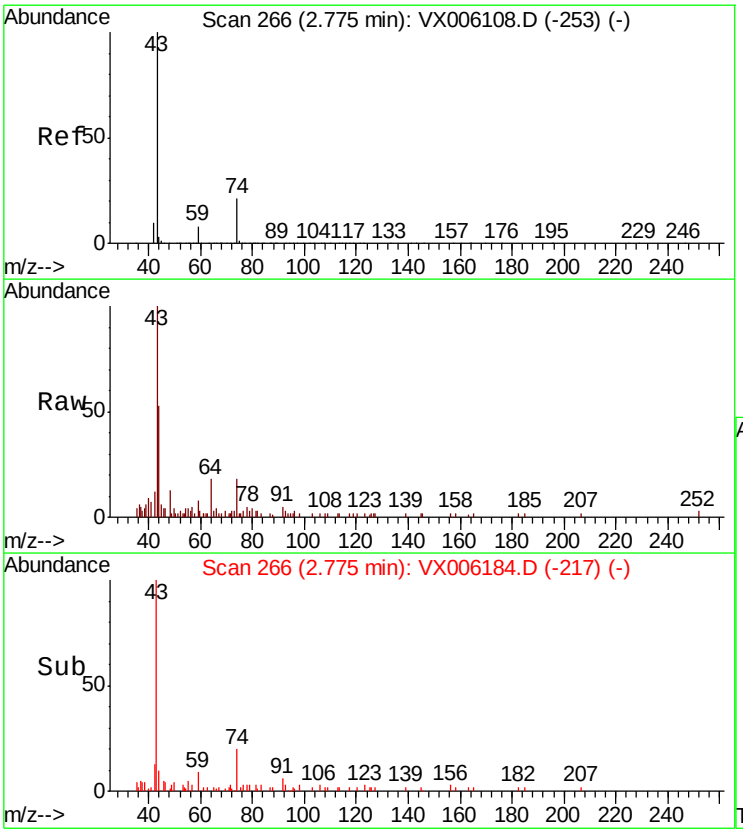
#17
Carbon Disulfide
Concen: 0.300 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1812

Ion	Ratio	Lower	Upper
76	100		
78	26.2	7.7	11.5#

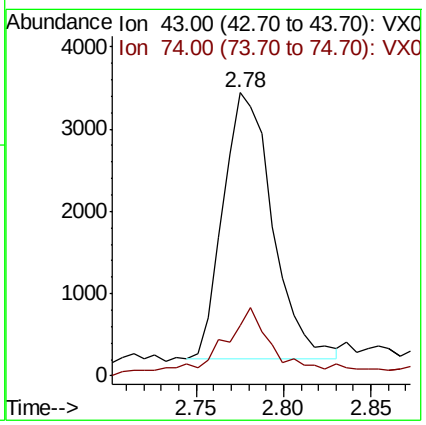


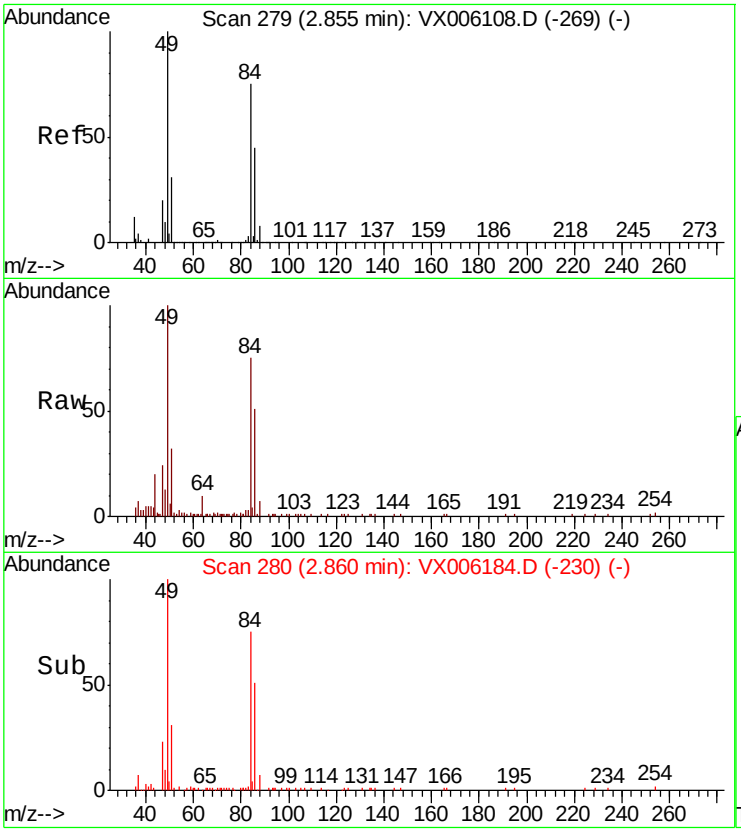


#18
Methyl Acetate
Concen: 1.557 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 43 Resp: 6365

Ion	Ratio	Lower	Upper
43	100		
74	27.8	17.3	25.9#



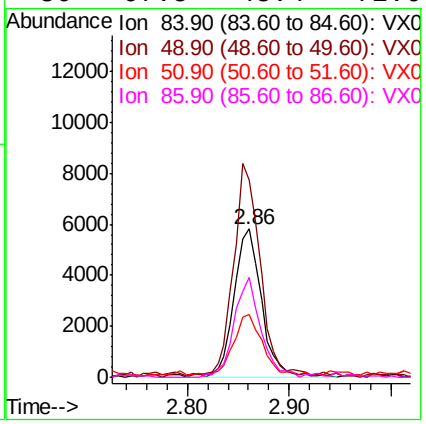


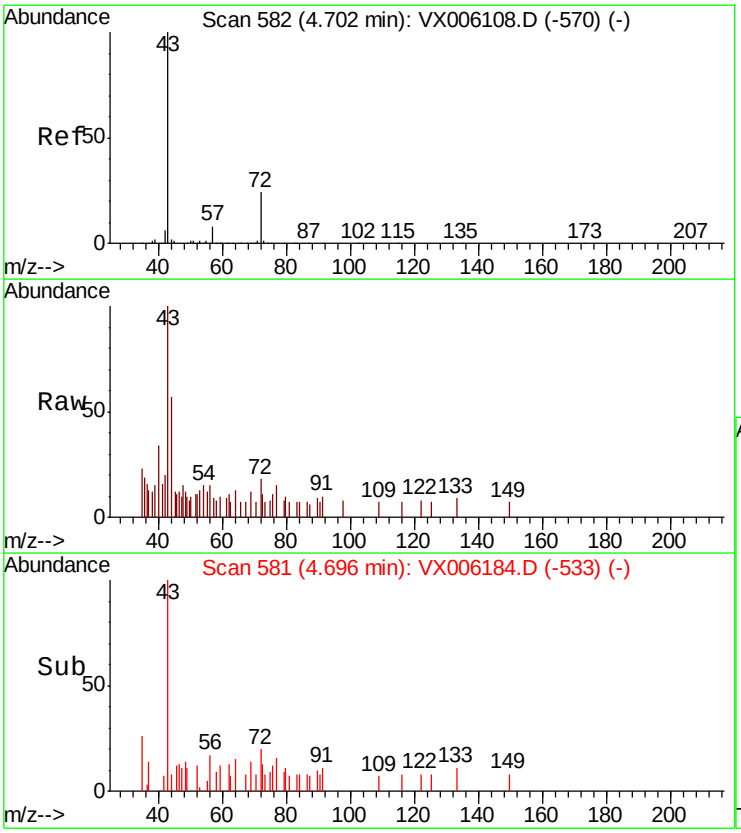
#20
Methylene Chloride
Concen: 4.222 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 10955

Ion	Ratio	Lower	Upper
84	100		
49	132.4	106.6	159.8
51	40.8	32.6	49.0
86	67.5	48.4	72.6

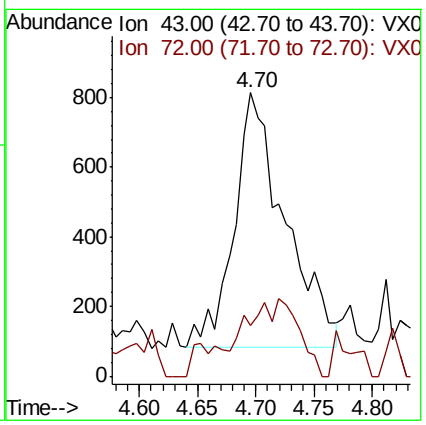


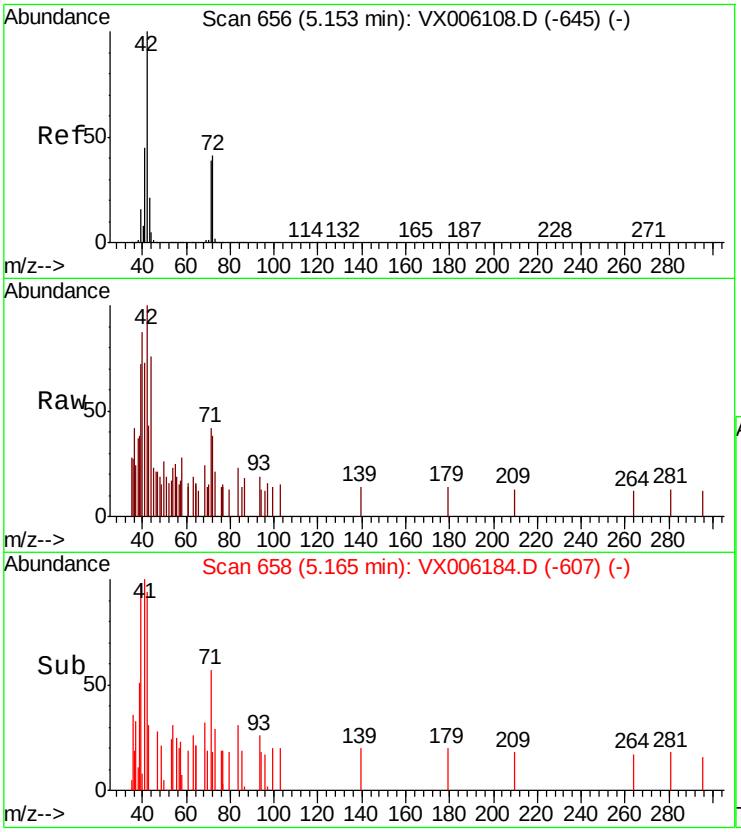


#25
2-Butanone
Concen: 0.756 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 43 Resp: 2237

Ion	Ratio	Lower	Upper
43	100		
72	32.5	19.2	28.8#



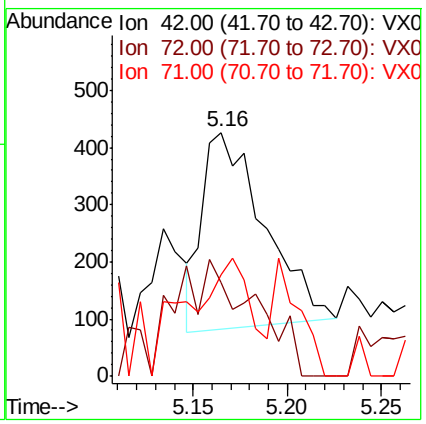


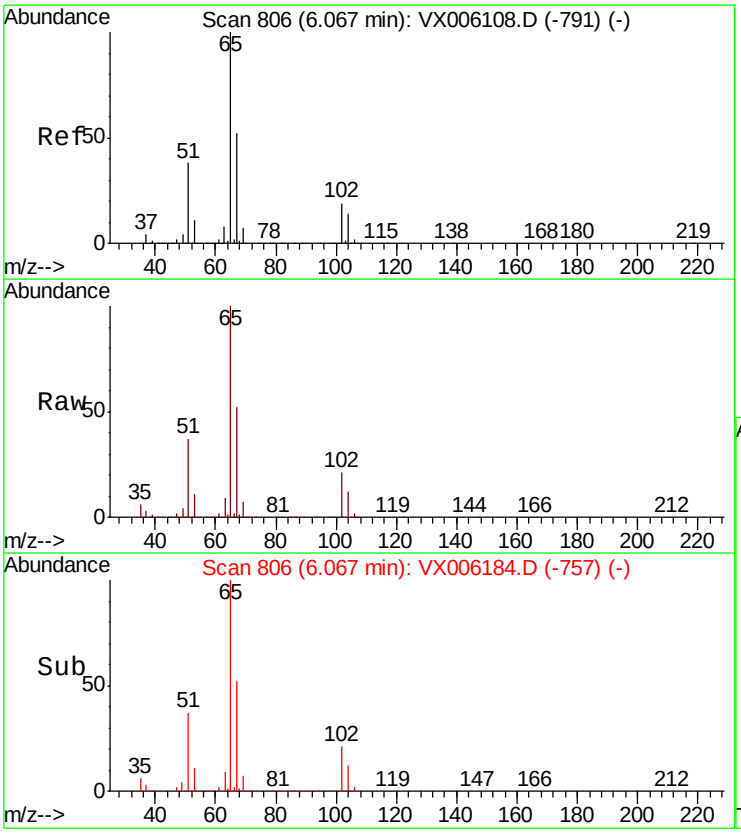
#29
Tetrahydrofuran
Concen: 0.422 ug/l
RT: 5.16 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 779

Ion	Ratio	Lower	Upper
42	100		
72	74.3	33.0	49.6#
71	39.4	31.0	46.4

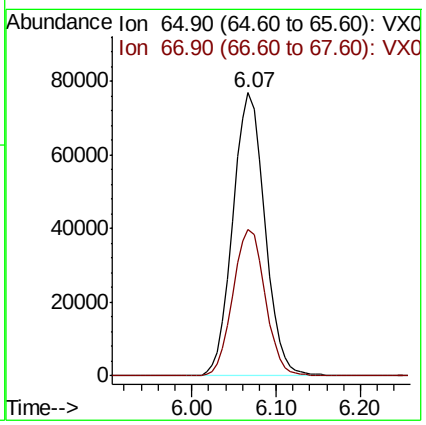


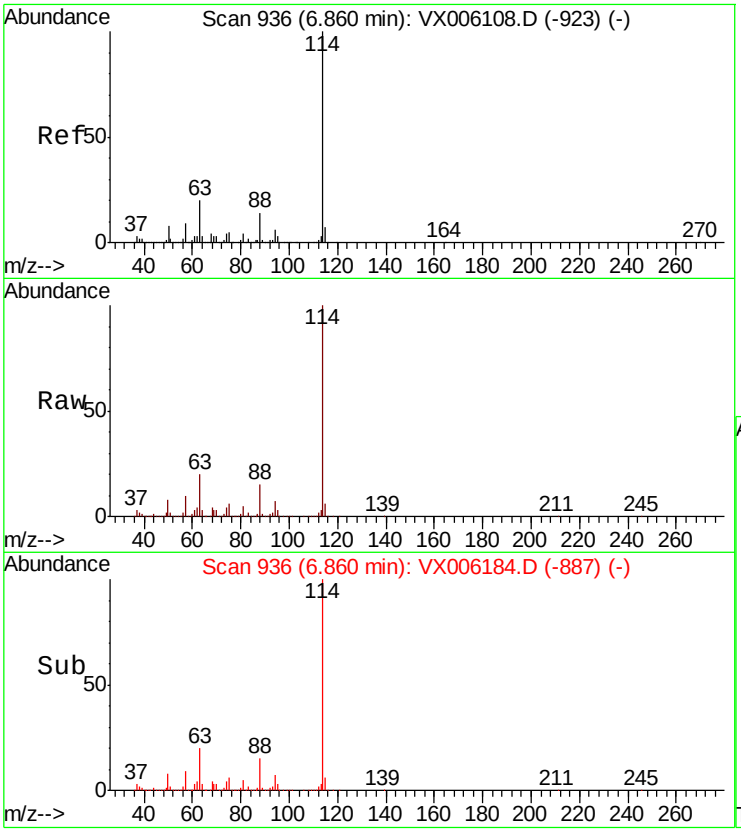


#33
1,2-Dichloroethane-d4
Concen: 54.894 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 65 Resp: 197173

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.8



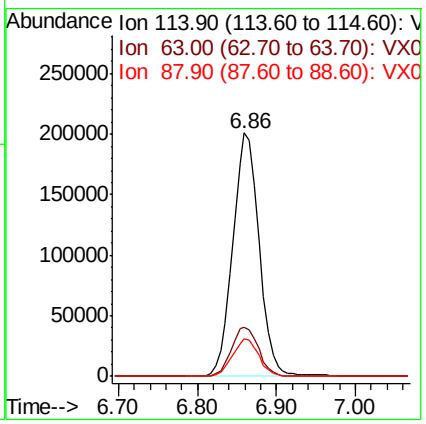


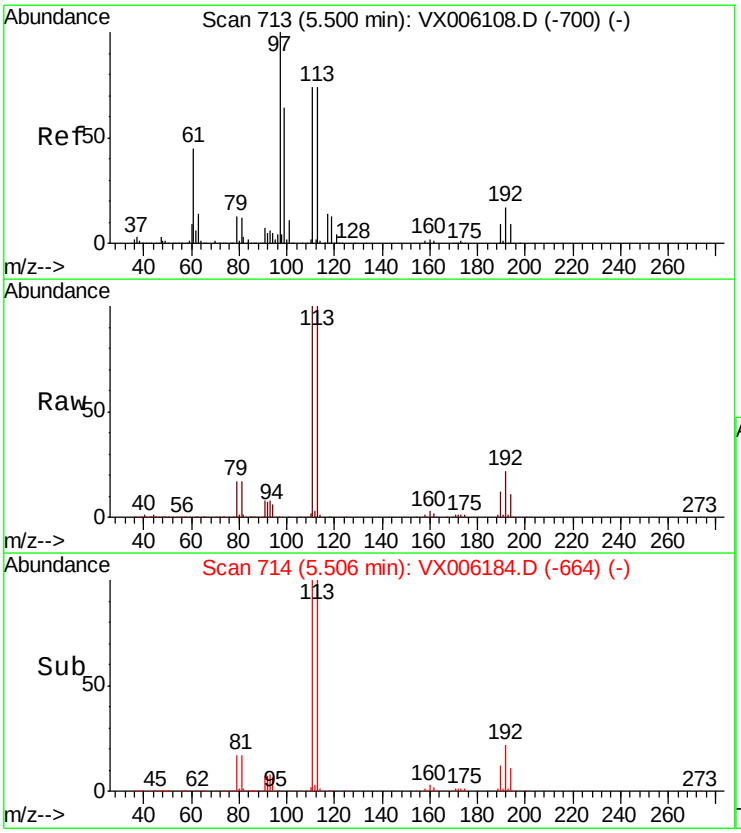
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 466687

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	15.4	0.0	28.6

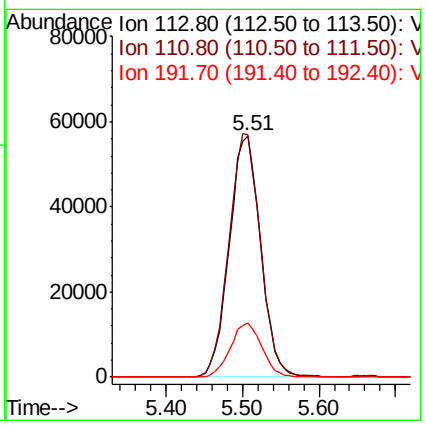


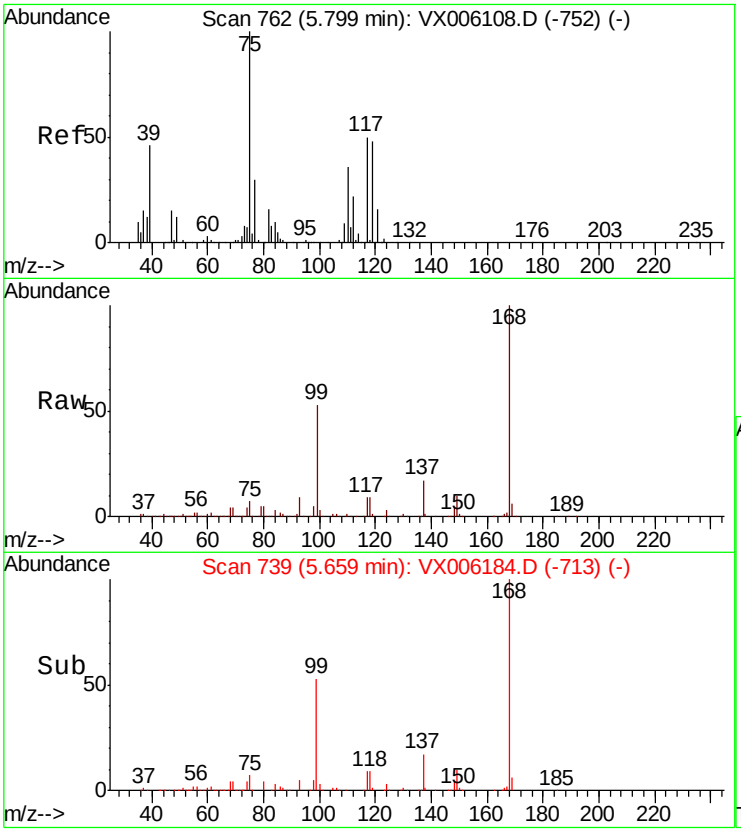


#35
Dibromofluoromethane
Concen: 53.756 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion:113 Resp: 161040

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.5	122.3
192	22.6	18.6	28.0



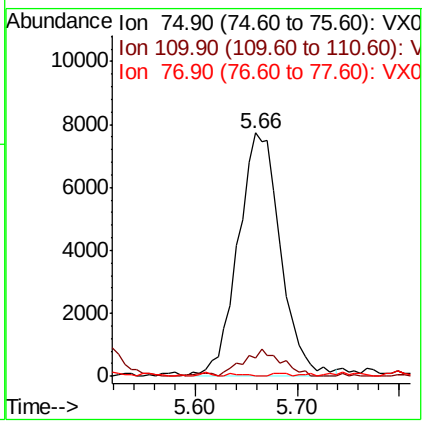


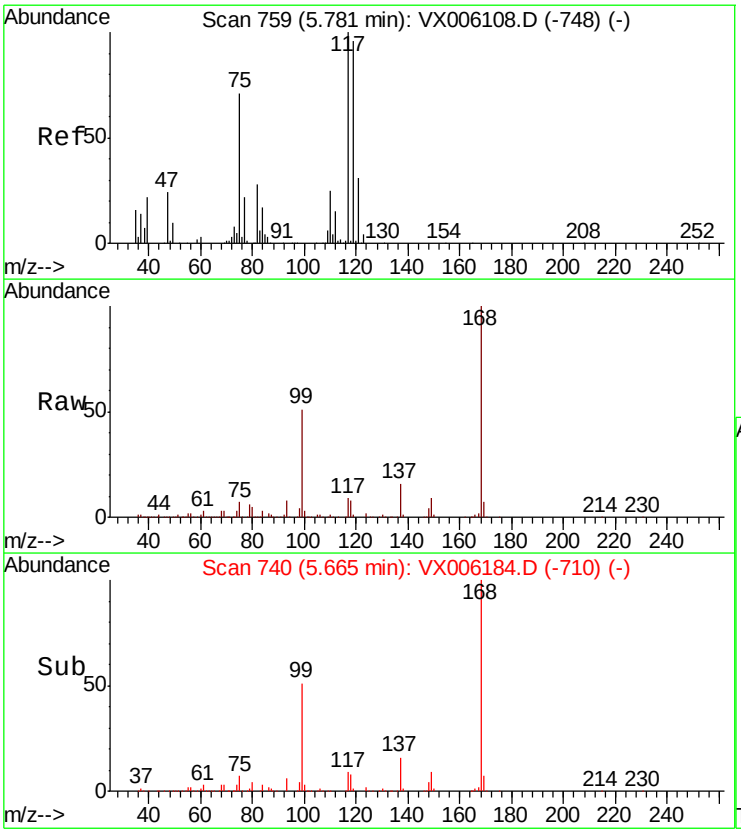
#36
1,1-Dichloropropene
Concen: 5.271 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 22379

Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.8	53.3#
77	0.0	24.5	36.7#

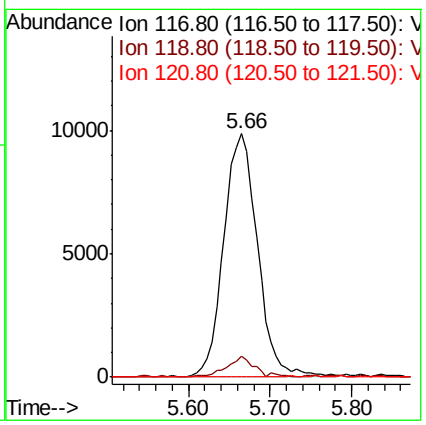


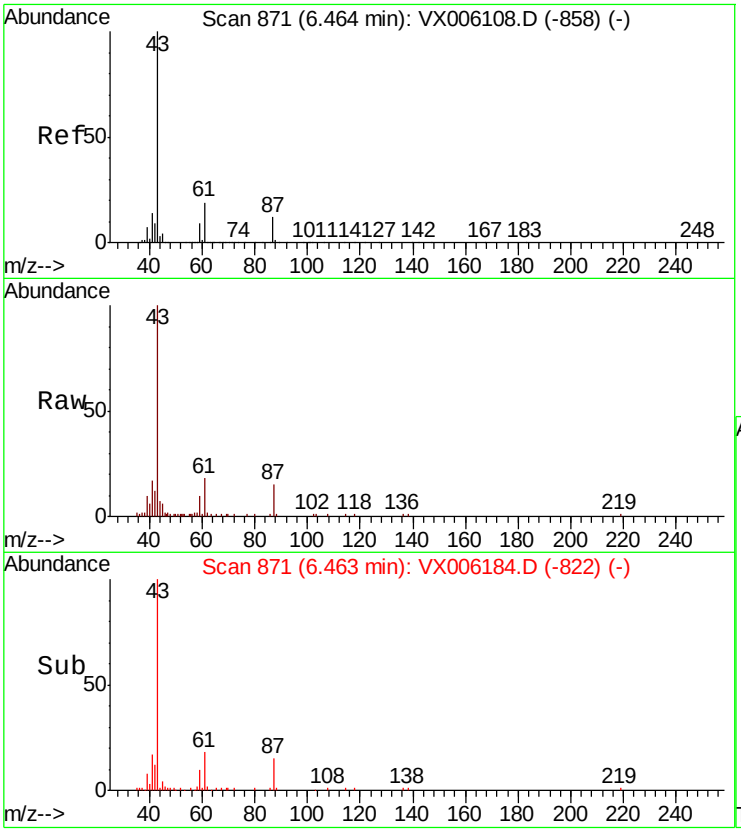


#38
Carbon Tetrachloride
Concen: 7.105 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion:117 Resp: 28353

Ion	Ratio	Lower	Upper
117	100		
119	8.4	76.3	114.5#
121	0.0	24.7	37.1#



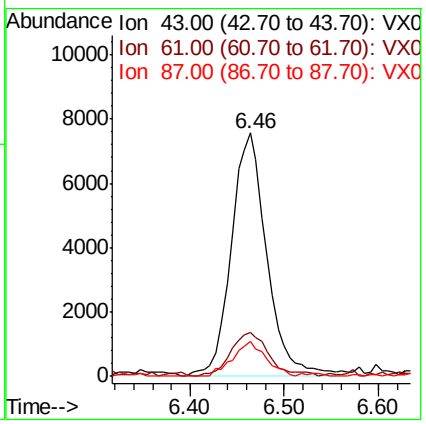


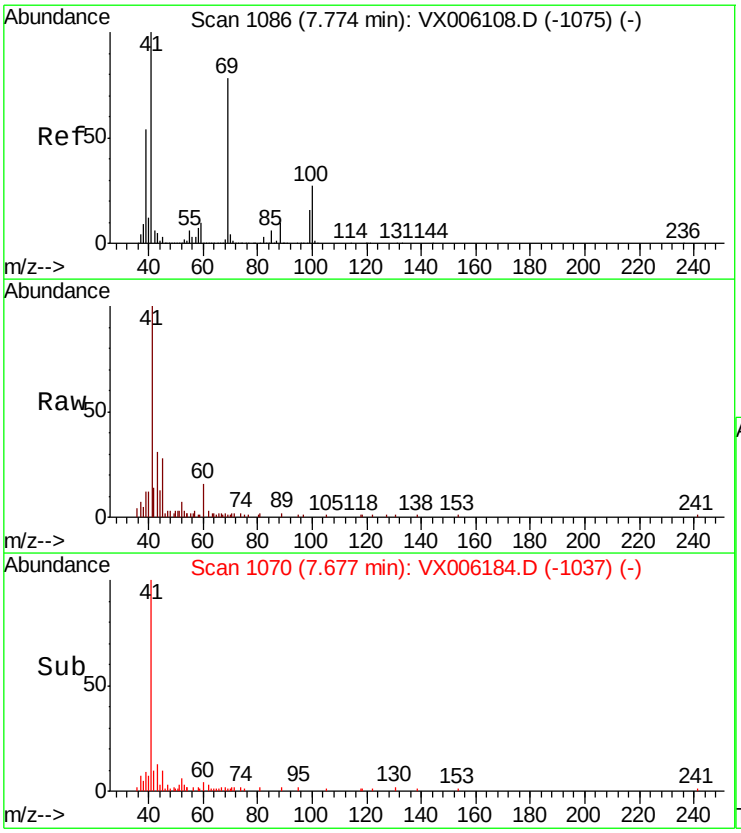
#43
Isopropyl Acetate
Concen: 2.518 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 19863

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.2	22.8
87	13.4	9.6	14.4

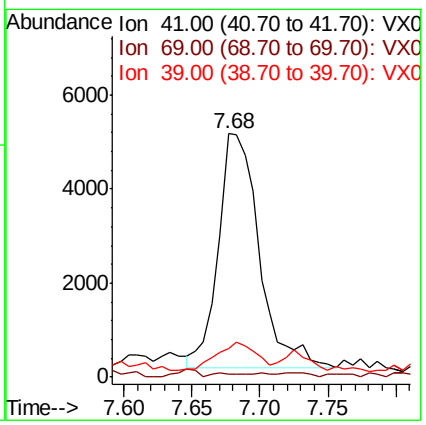


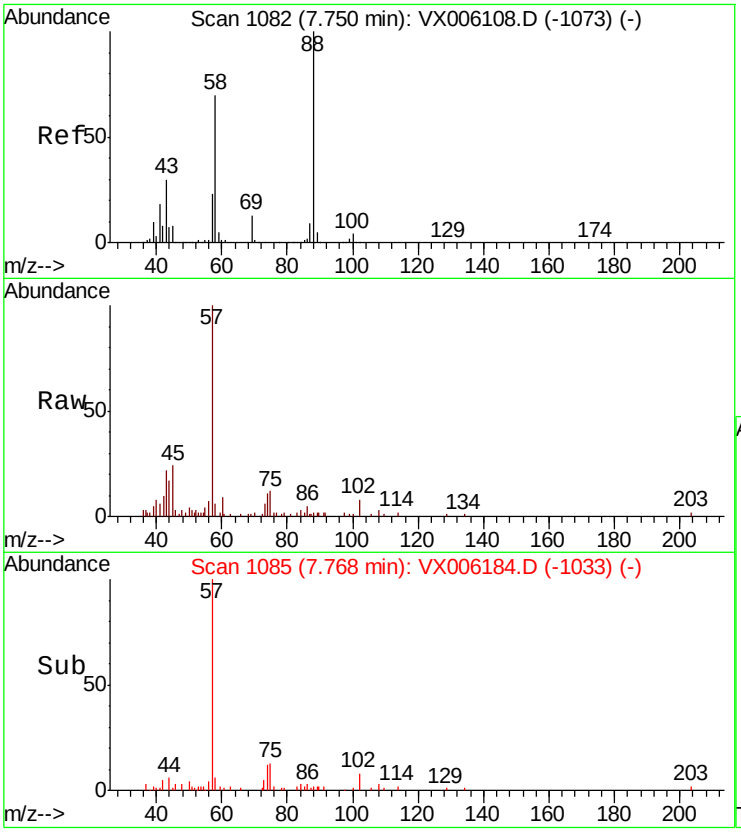


#48
Methyl methacrylate
Concen: 2.599 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.10 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 41 Resp: 10397

Ion	Ratio	Lower	Upper
41	100		
69	1.0	62.8	94.2#
39	0.0	43.8	65.6#



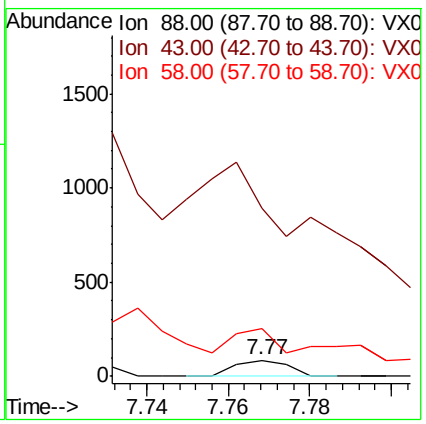


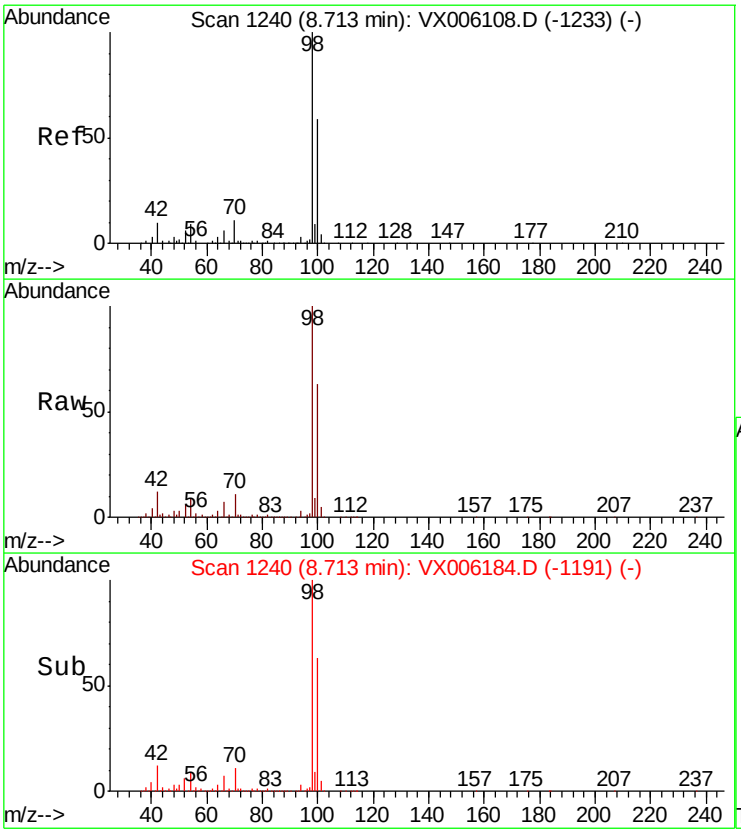
#49
1,4-Dioxane
Concen: 0.790 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.7	40.1#
58	353.3	58.5	87.7#

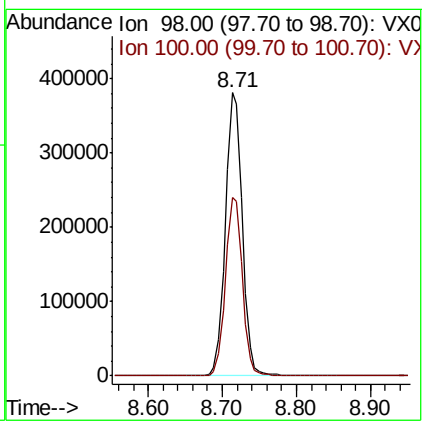


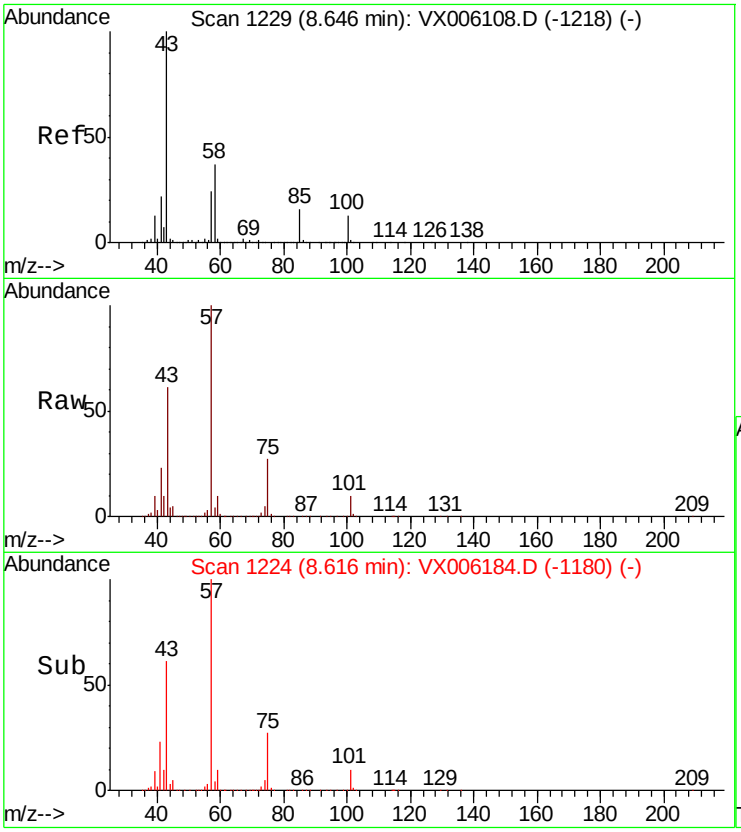


#50
Toluene-d8
Concen: 52.924 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 98 Resp: 604727

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.0	76.4



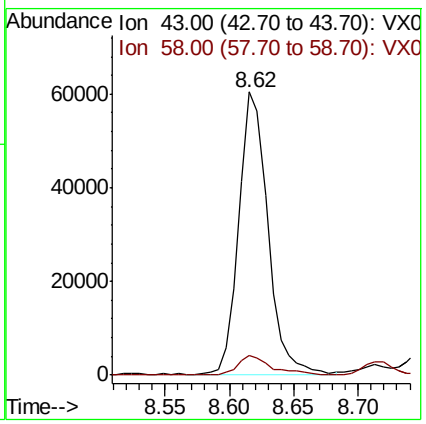


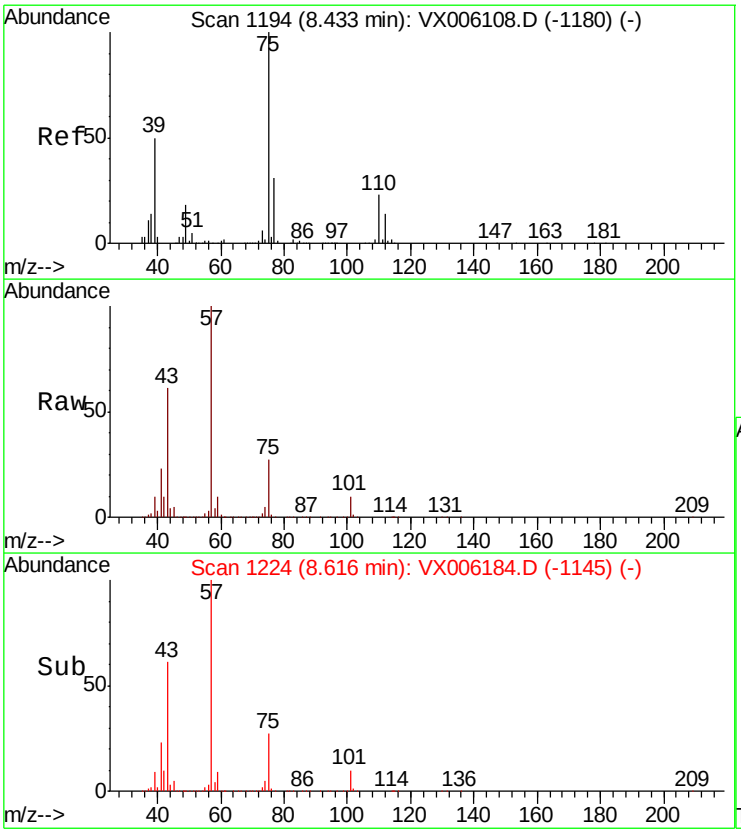
#51
4-Methyl-2-Pentanone
Concen: 16.644 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 94127

Ion	Ratio	Lower	Upper
43	100		
58	8.1	29.9	44.9#

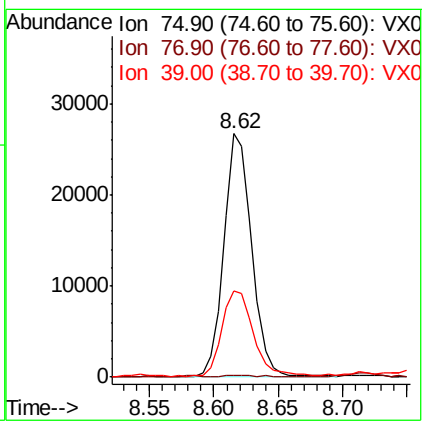


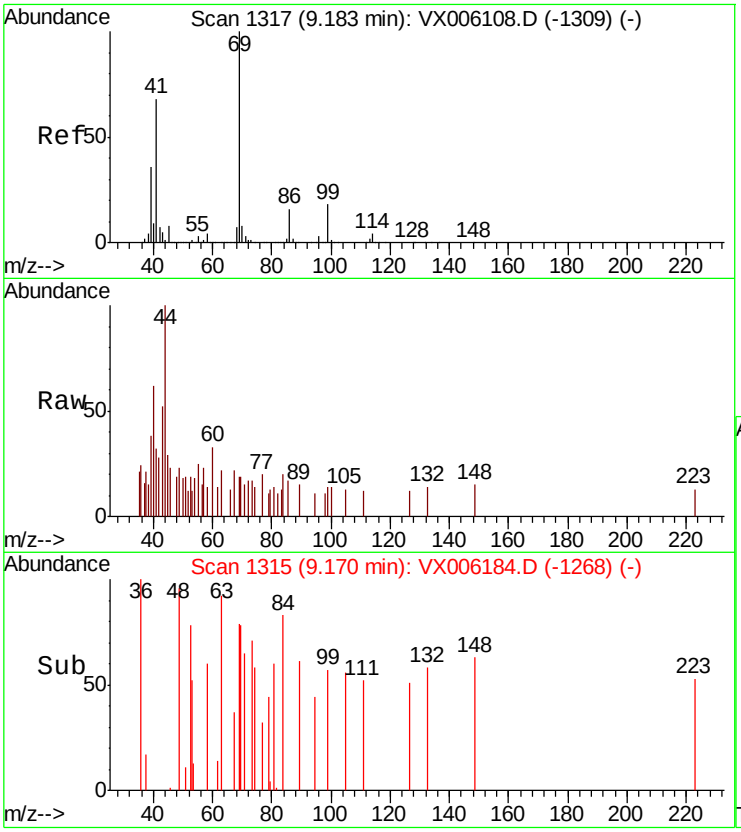


#54
cis-1,3-Dichloropropene
Concen: 8.414 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 75 Resp: 40699

Ion	Ratio	Lower	Upper
75	100		
77	0.5	24.7	37.1#
39	34.8	40.3	60.5#



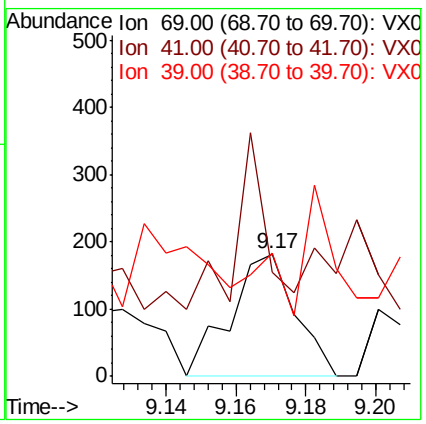


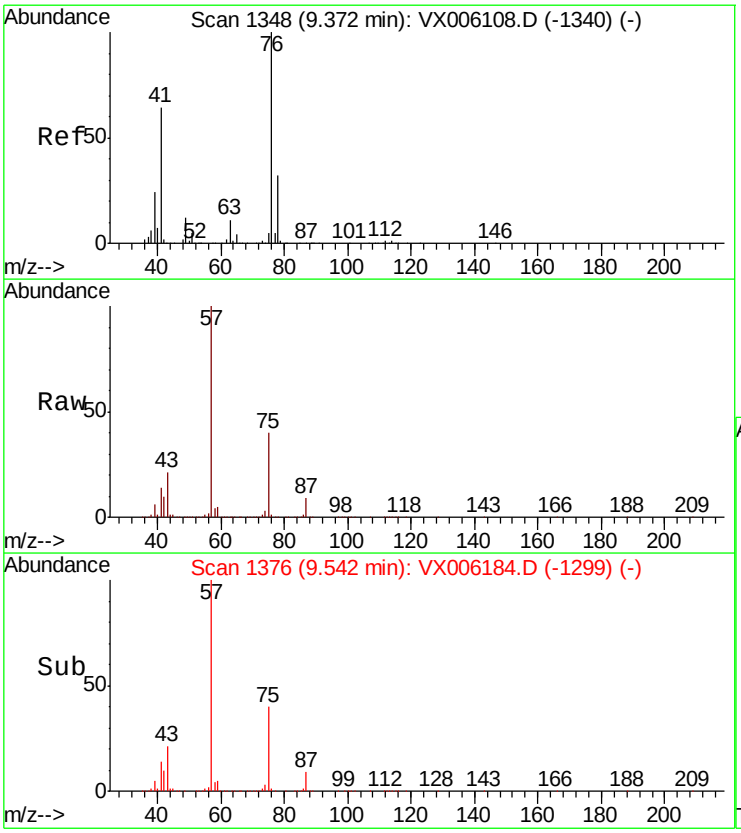
#56
Ethyl methacrylate
Concen: 2.907 ug/l
RT: 9.17 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 233

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.2	84.4#
39	0.0	29.4	44.0#

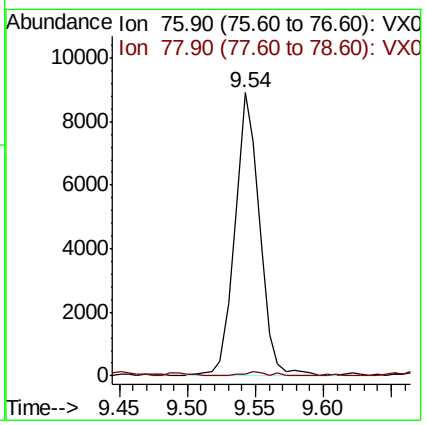


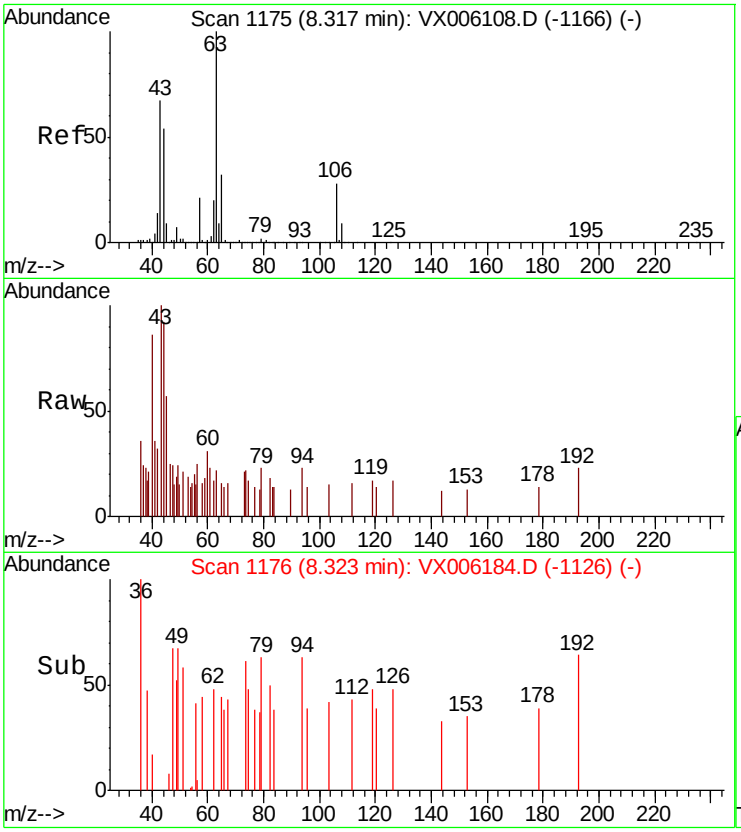


#57
1,3-Dichloropropane
Concen: 2.048 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 76 Resp: 11314

Ion	Ratio	Lower	Upper
76	100		
78	1.4	25.7	38.5#



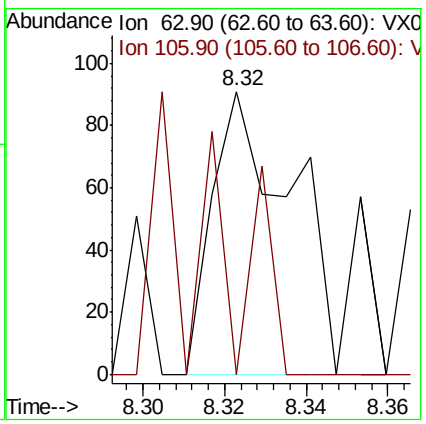


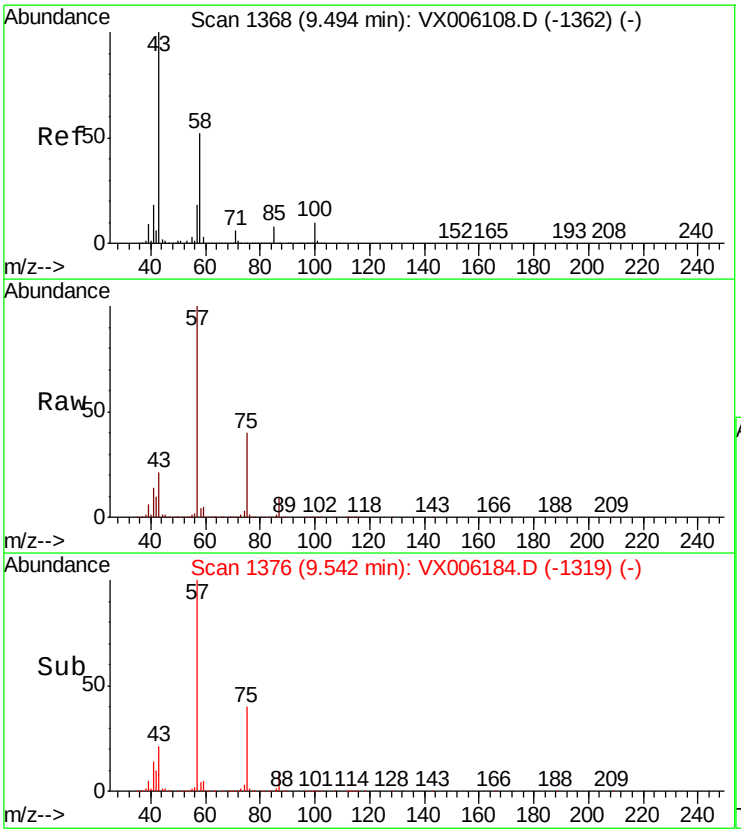
#58
2-Chloroethyl Vinyl ether
Concen: 6.762 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 122

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.7	32.5

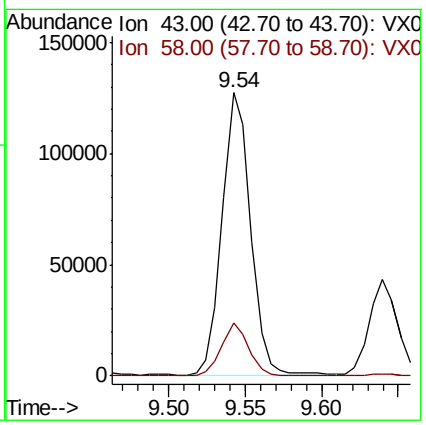


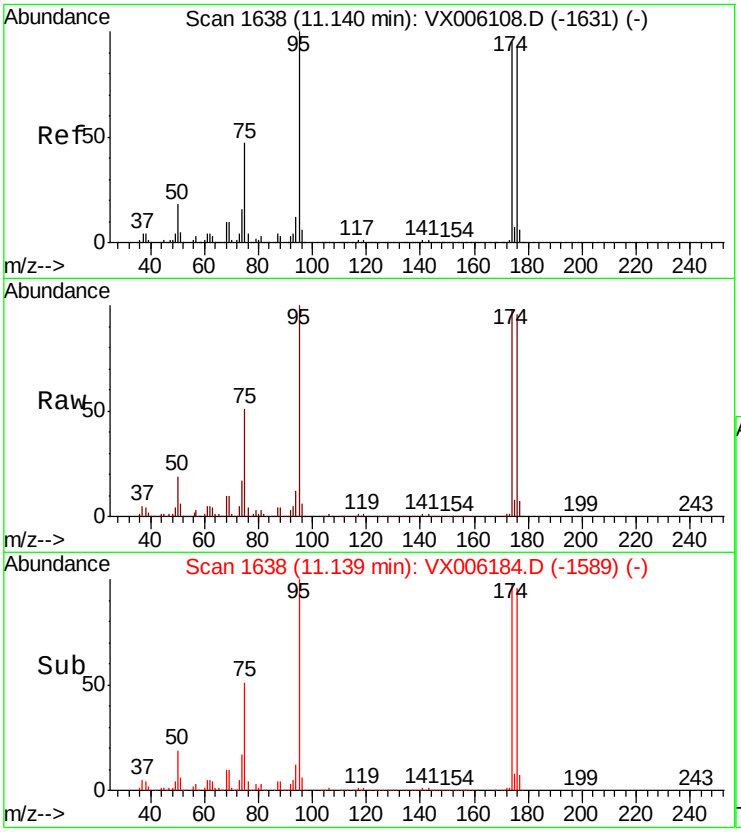


#59
2-Hexanone
Concen: 36.671 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 43 Resp: 164582

Ion	Ratio	Lower	Upper
43	100		
58	18.5	26.3	78.9#



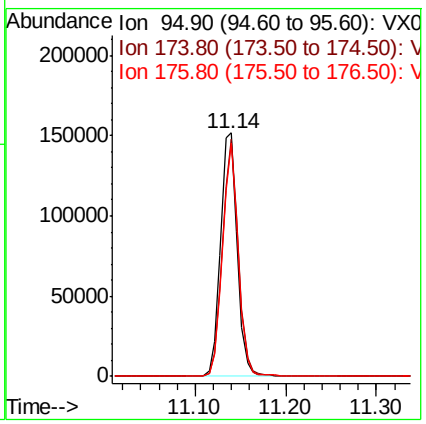


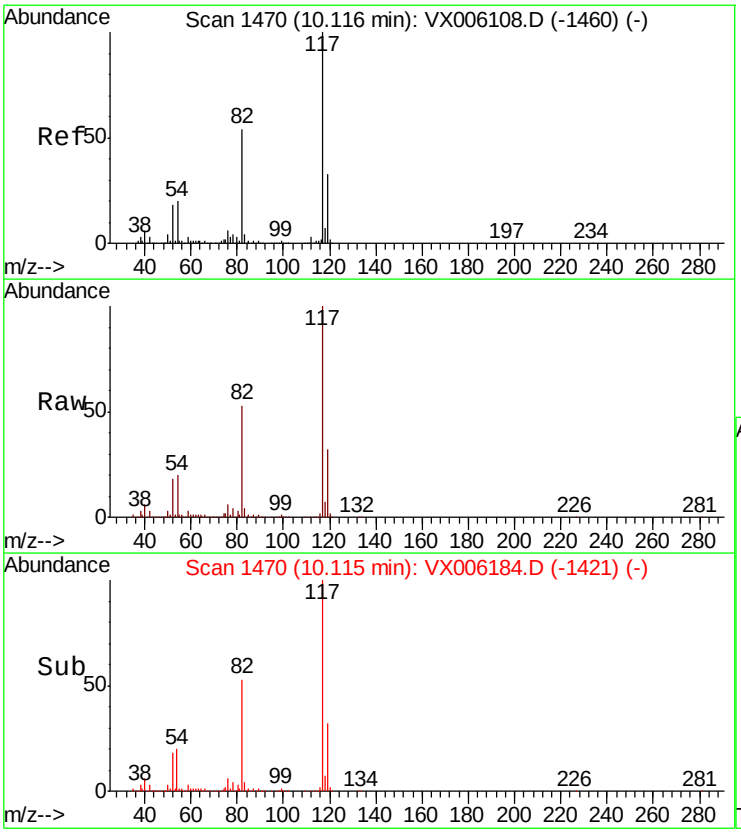
#62
4-Bromofluorobenzene
Concen: 46.078 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 197545

Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	184.4
176	90.5	0.0	179.0

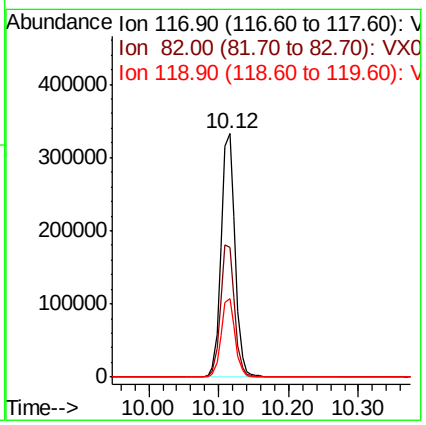


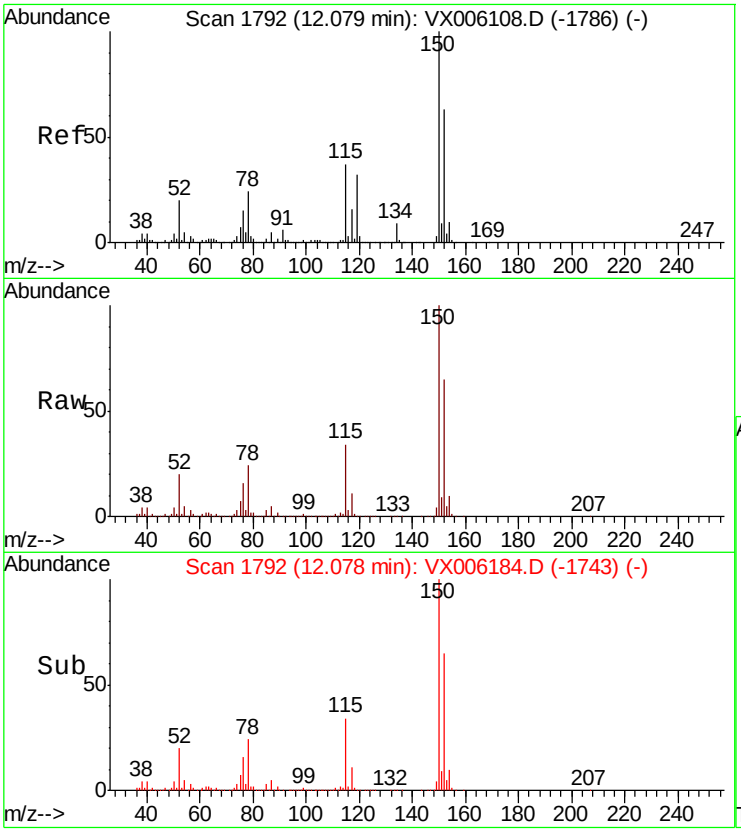


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion:117 Resp: 461244

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	32.3	26.1	39.1



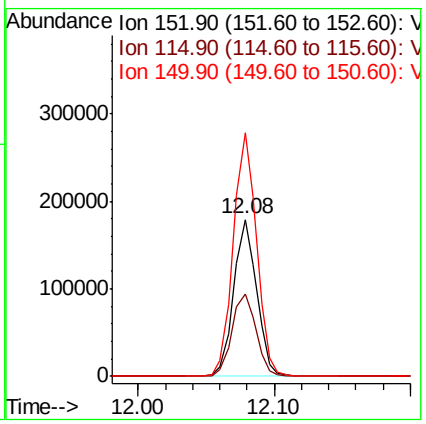


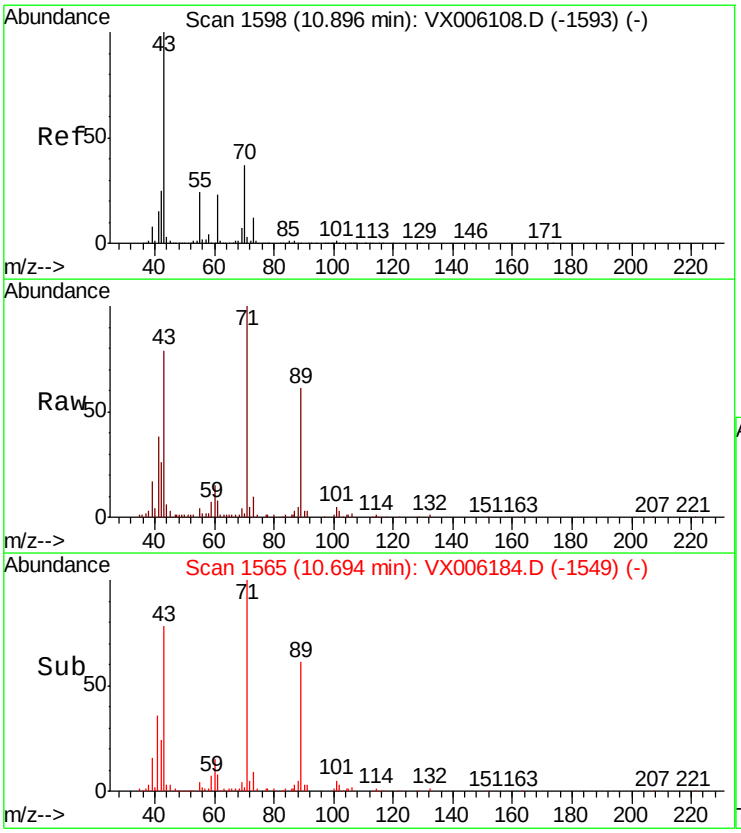
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 210688

Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.0	116.9
150	157.1	0.0	346.6

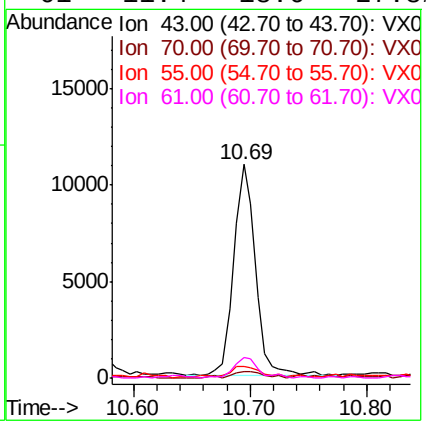


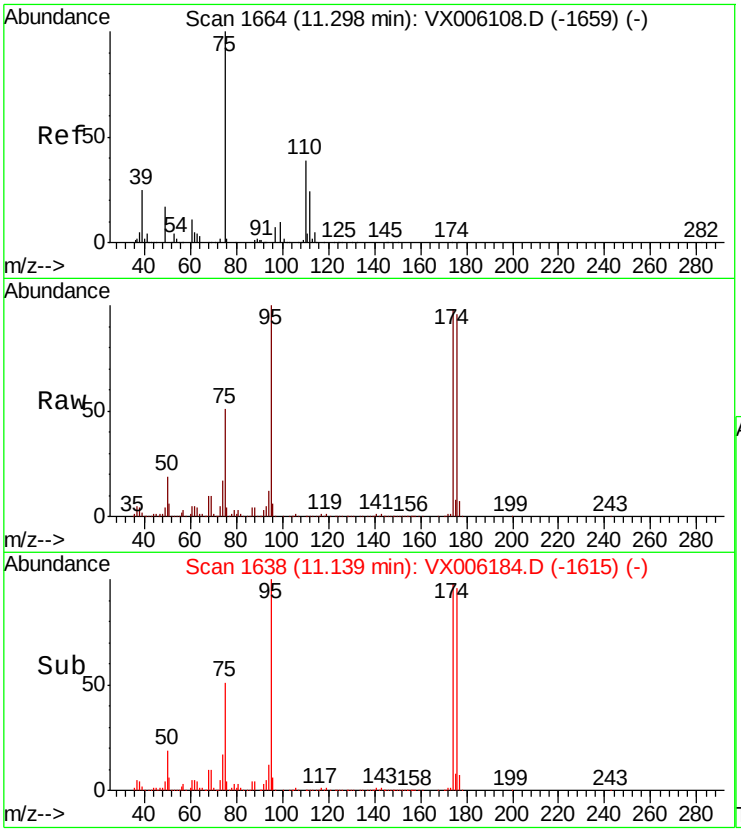


#74
N-amyl acetate
Concen: 4.301 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 43 Resp: 14327

Ion	Ratio	Lower	Upper
43	100		
70	4.7	31.8	47.6#
55	10.4	19.5	29.3#
61	11.4	18.6	27.8#



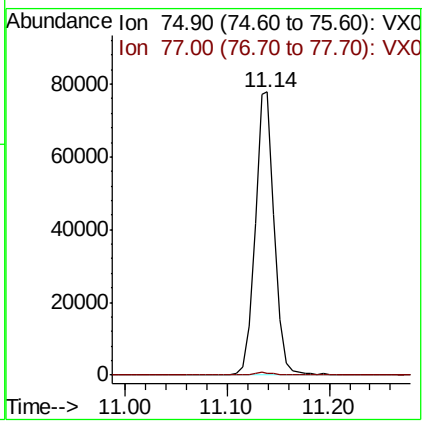


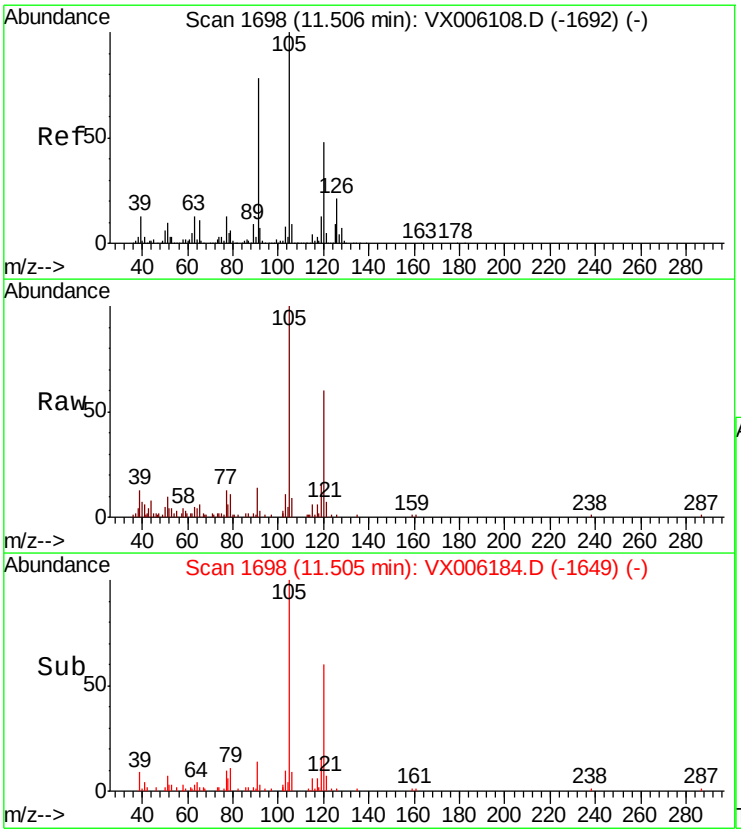
#76
1,2,3-Trichloropropane
Concen: 23.549 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 102148

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.6	58.7#

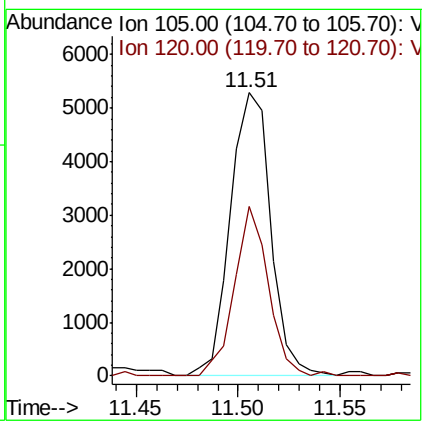


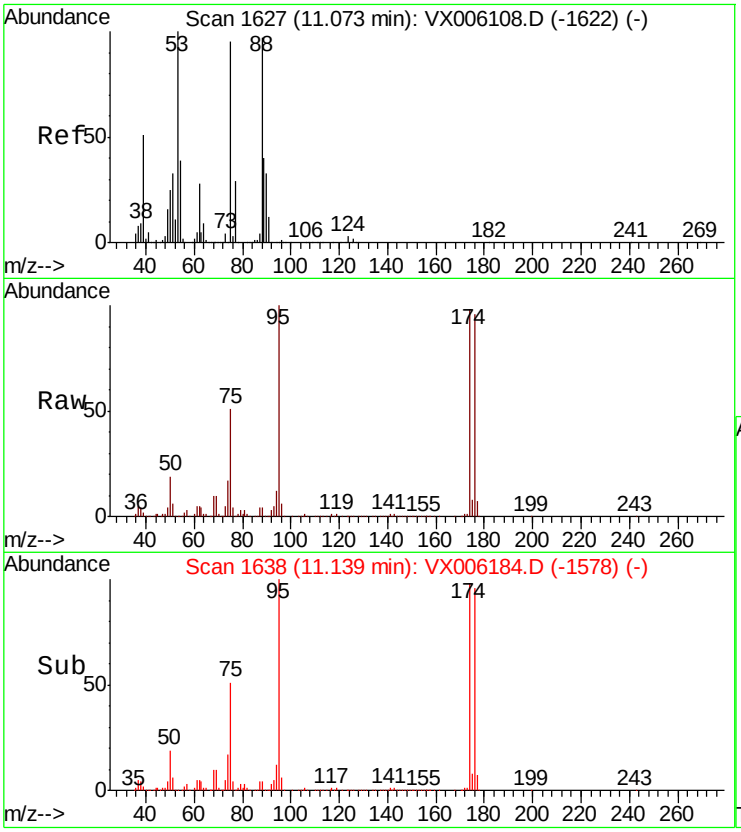


#80
1,3,5-Trimethylbenzene
Concen: 0.675 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion:105 Resp: 7250

Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.3	73.0



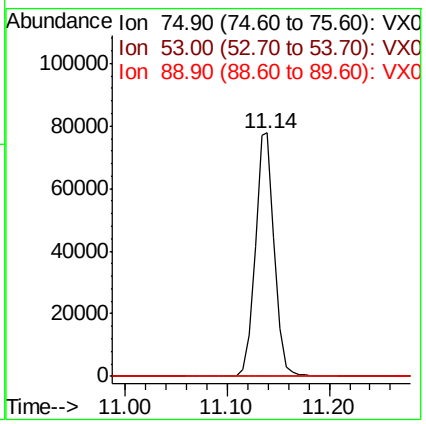


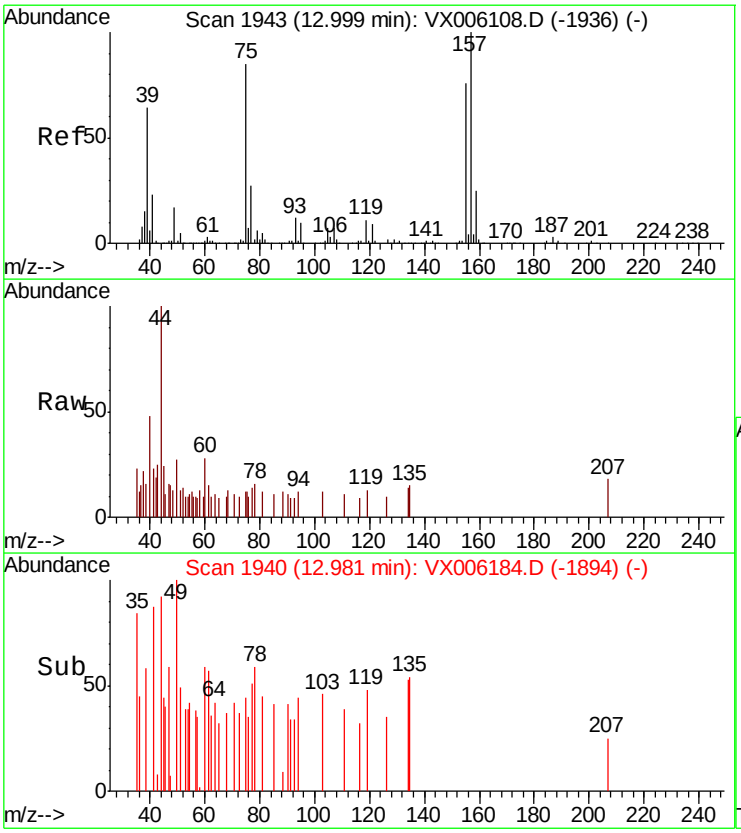
#81
trans-1,4-Dichloro-2-butene
Concen: 79.649 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 102148

Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.0	37.2	55.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.236 ug/l
RT: 12.98 min Scan# 1940
Delta R.T. -0.02 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 75 Resp: 263

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.1	138.3#
157	0.0	59.8	179.3#