Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111618\
Data File : VF060777.D
Acq On : 16 Nov 2018 21:14
Operator : VA/AP
Sample : J5950-05
Misc : 6.25g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SSI-01

Quant Time: Nov 17 04:25:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	200320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	340823	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	293494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	129808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	91143	39.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.78%			
35) Dibromofluoromethane	4.12	113	106819	41.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.38%			
50) Toluene-d8	7.57	98	237660	35.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.10%			
62) 4-Bromofluorobenzene	11.41	95	112303	35.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.80%			
Target Compounds						Qvalue
13) Acrolein	1.98	56	457	4.806	ug/l	96
15) Acrylonitrile	2.97	53	361	1.629	ug/l #	29
16) Acetone	2.13	43	547	1.120	ug/l	99
18) Methyl Acetate	2.38	43	2766	3.449	ug/l #	64
20) Methylene Chloride	2.18	84	6207	1.022	ug/l #	82
25) 2-Butanone	4.36	43	1139	1.418	ug/l #	56
29) Tetrahydrofuran	4.10	42	884	2.668	ug/l #	42
41) Methacrylonitrile	4.76	41	188	Below Cal	#	26
49) 1,4-Dioxane	6.75	88	121	10.033	ug/l #	1
51) 4-Methyl-2-Pentanone	8.28	43	2662	1.889	ug/l #	77
58) 2-Chloroethyl Vinyl ether	7.56	63	304	1.737	ug/l	100
59) 2-Hexanone	9.51	43	1699	1.716	ug/l	94
64) Tetrachloroethene	8.17	164	4819	2.073	ug/l	92

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

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Misc : 6.25g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SSI-01

Quant Time: Nov 17 04:25:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
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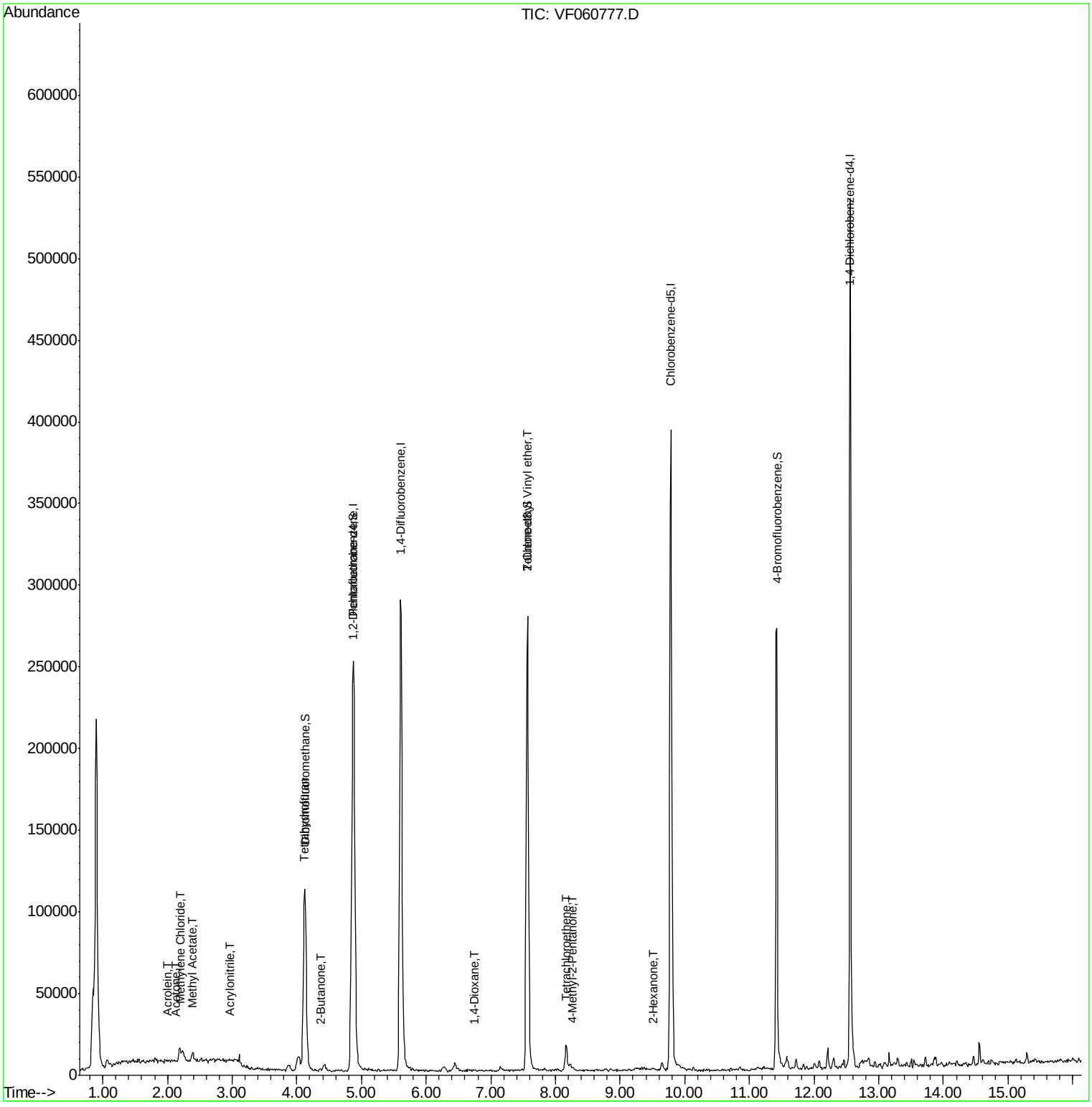
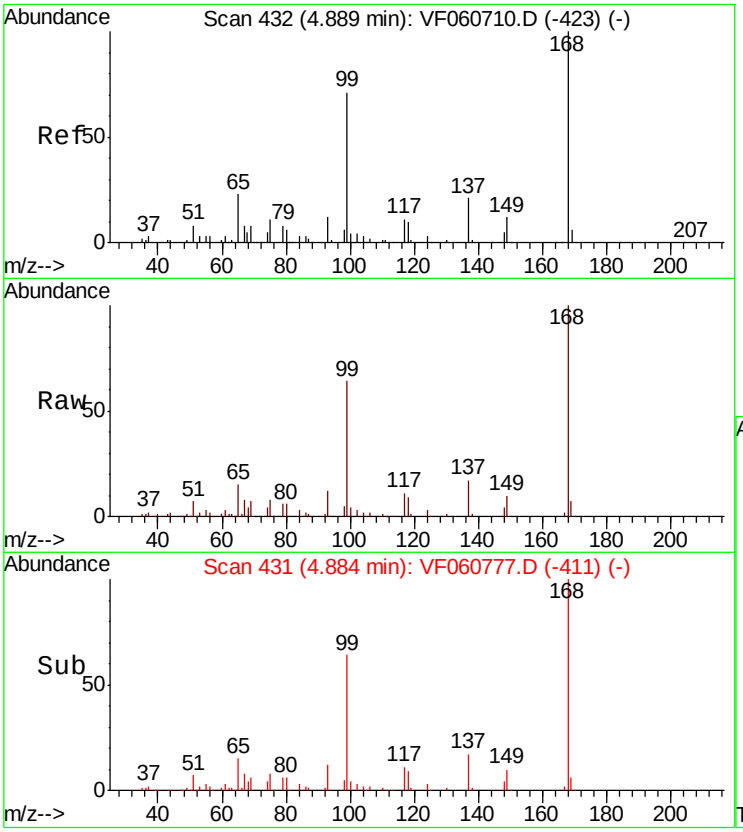


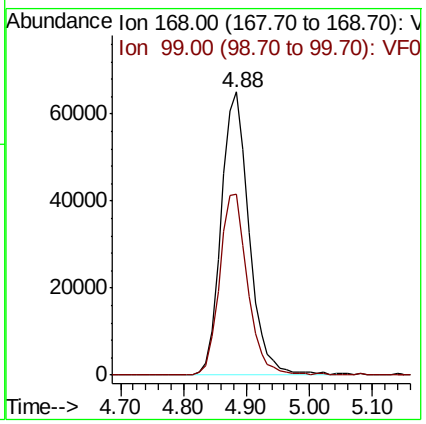


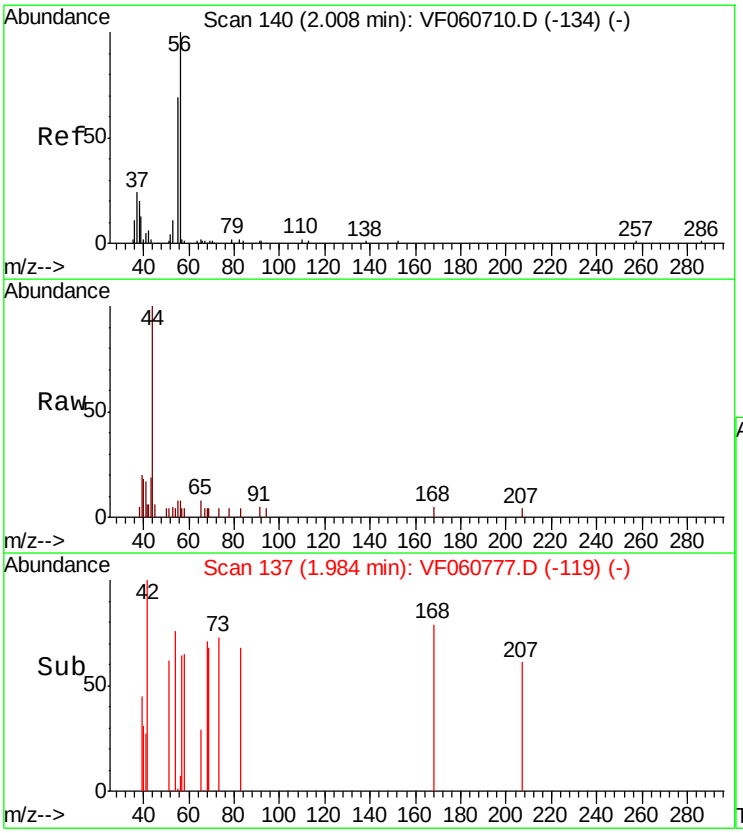
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument :
MSVOA_F
ClientSampleId :
SSI-01

Tgt Ion:168 Resp: 200320

Ion	Ratio	Lower	Upper
168	100		
99	63.9	57.2	85.8

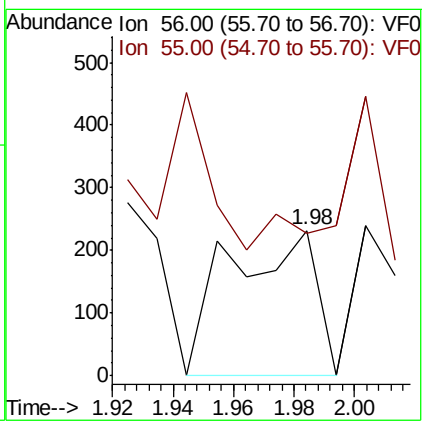


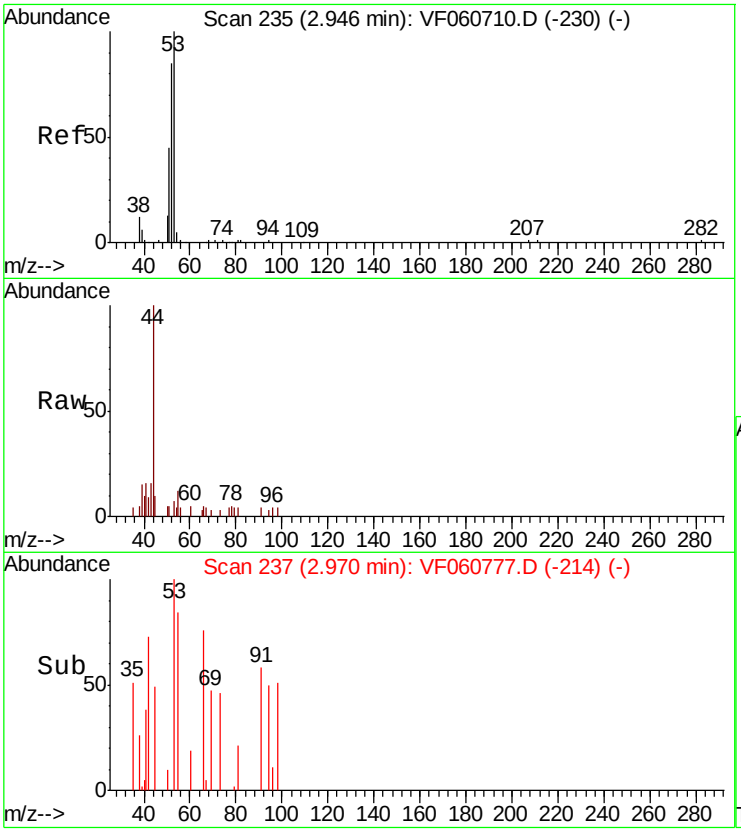


#13
Acrolein
Concen: 4.806 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.02 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion: 56 Resp: 457

Ion	Ratio	Lower	Upper
56	100		
55	67.3	56.6	85.0



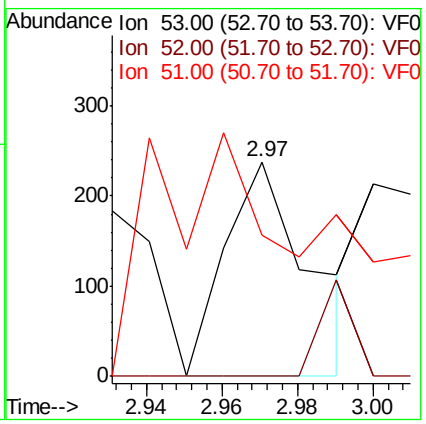


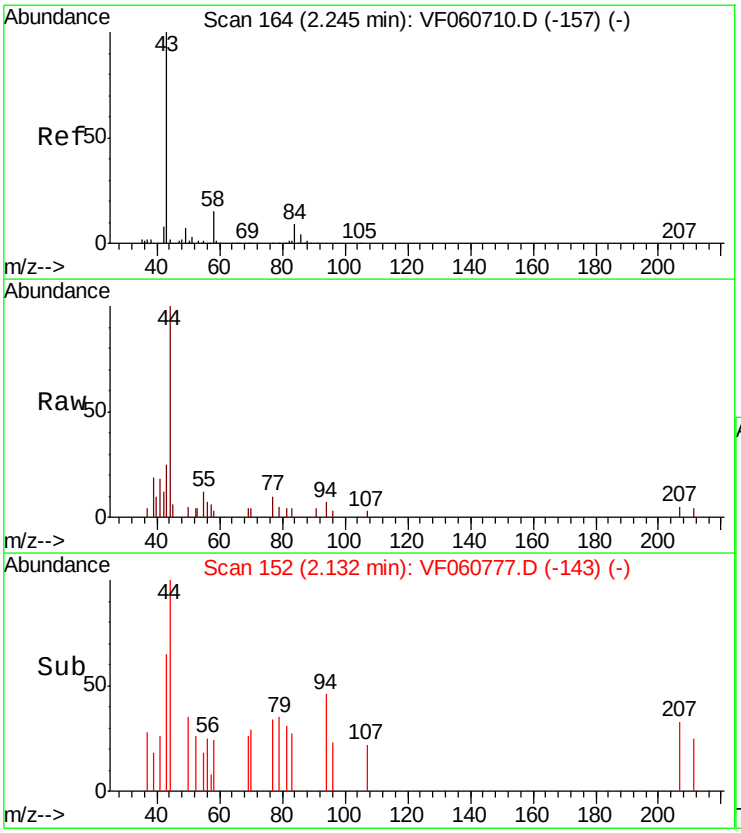
#15
Acrylonitrile
Concen: 1.629 ug/l
RT: 2.97 min Scan# 237
Delta R.T. 0.02 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument : MSVOA_F
ClientSampleId : SSI-01

Tgt Ion: 53 Resp: 361

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.8	103.2#
51	65.5	36.7	55.1#

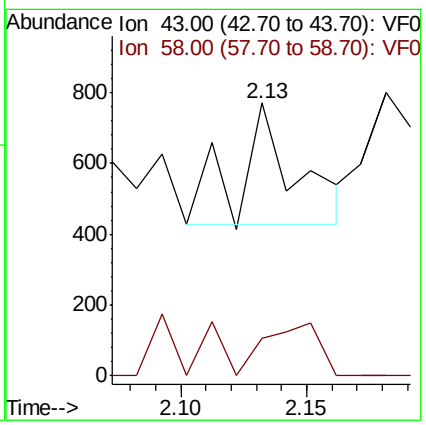


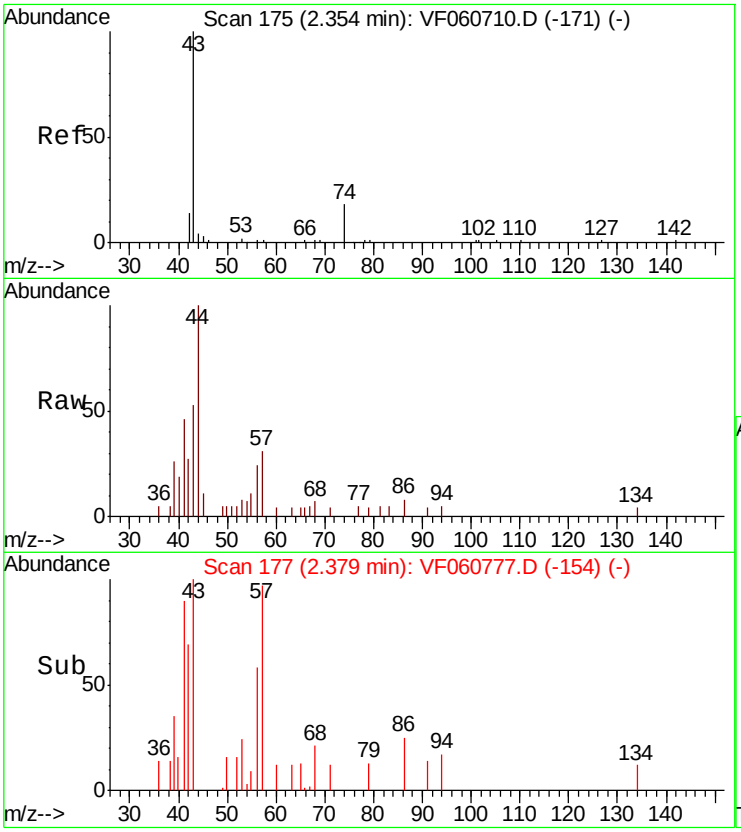


#16
Acetone
Concen: 1.120 ug/l
RT: 2.13 min Scan# 152
Delta R.T. -0.11 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion: 43 Resp: 547

Ion	Ratio	Lower	Upper
43	100		
58	13.9	11.6	17.4



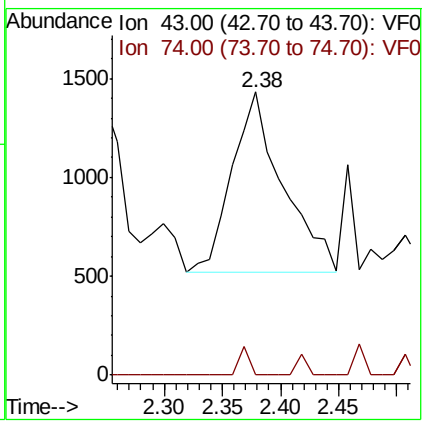


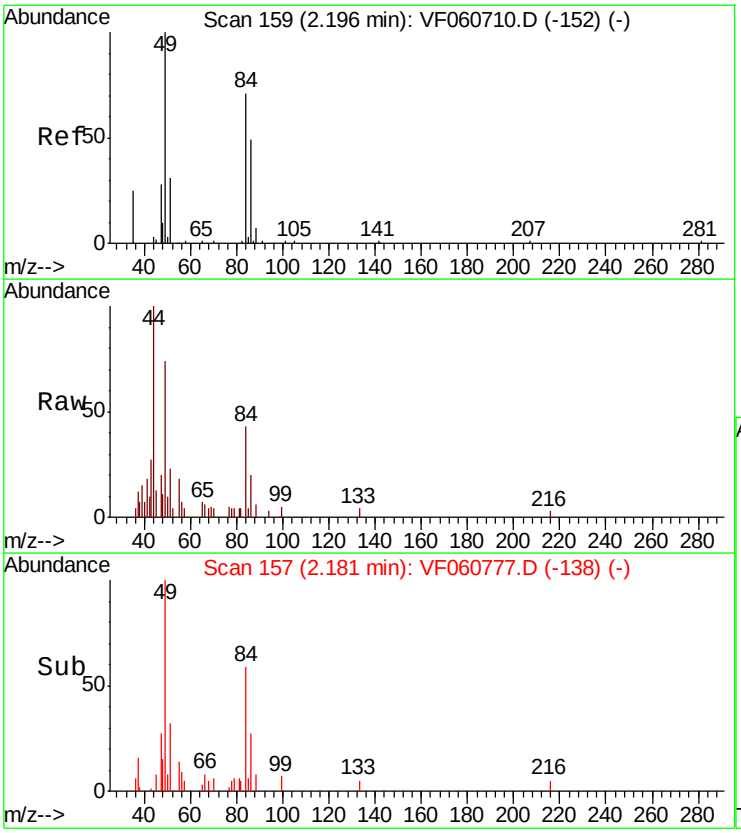
#18
Methyl Acetate
Concen: 3.449 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.02 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument : MSVOA_F
ClientSampleId : SSI-01

Tgt Ion: 43 Resp: 2766

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.8#

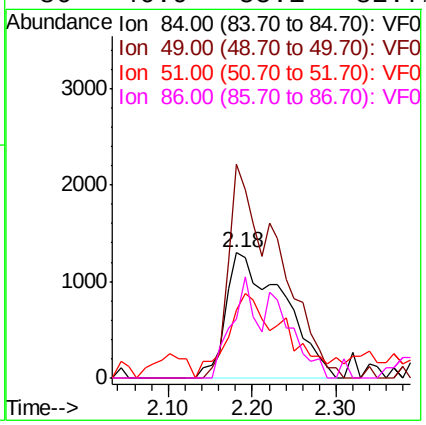


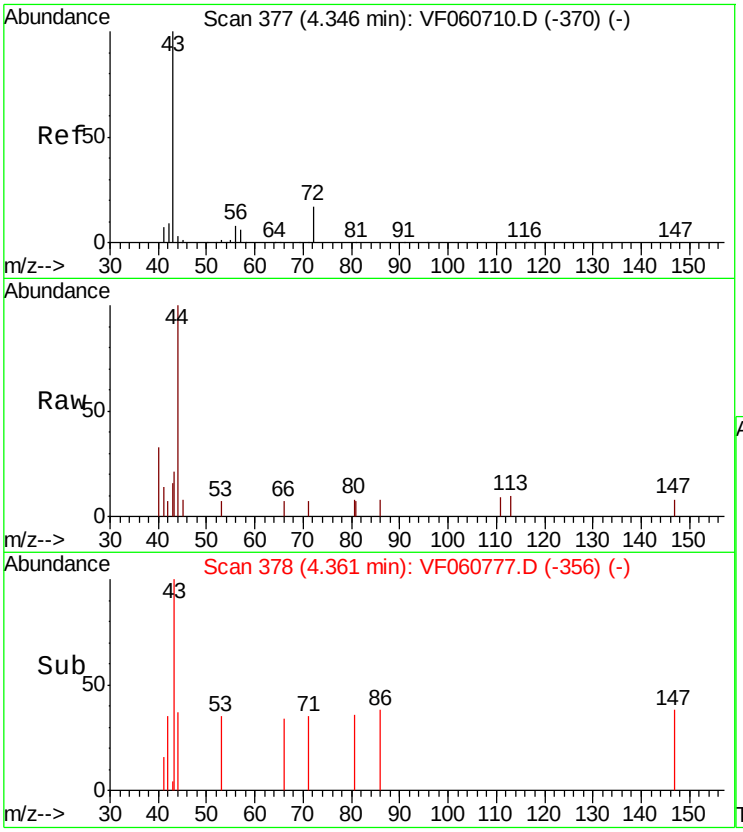


#20
Methylene Chloride
Concen: 1.022 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion: 84 Resp: 6207

Ion	Ratio	Lower	Upper
84	100		
49	170.9	120.2	180.4
51	54.1	37.2	55.8
86	46.9	55.1	82.7#



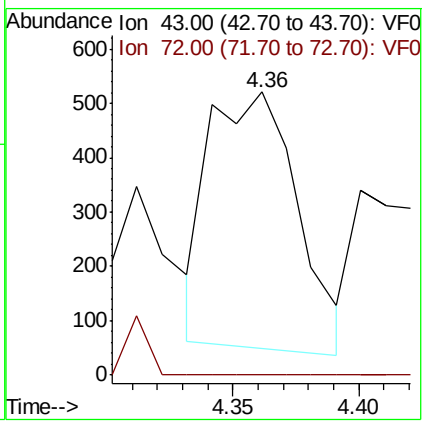


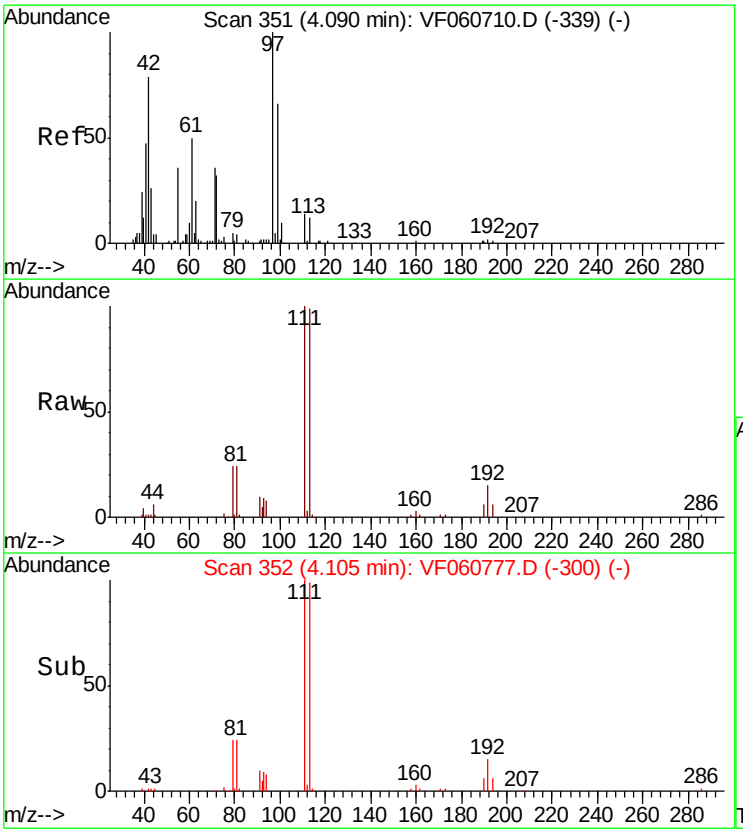
#25
2-Butanone
Concen: 1.418 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument : MSVOA_F
ClientSampleId : SSI-01

Tgt Ion: 43 Resp: 1139

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#

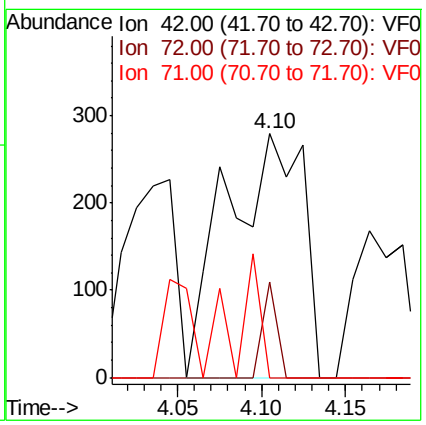


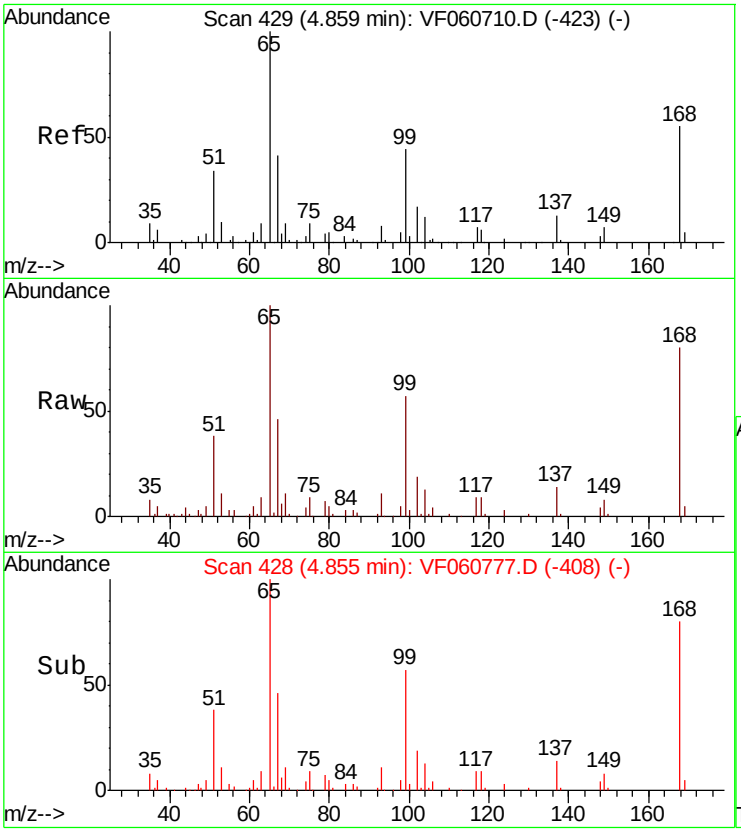


#29
Tetrahydrofuran
Concen: 2.668 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.01 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion: 42 Resp: 884

Ion	Ratio	Lower	Upper
42	100		
72	7.4	30.3	45.5#
71	0.0	32.2	48.2#



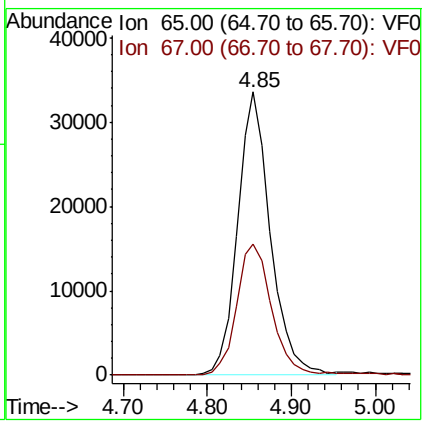


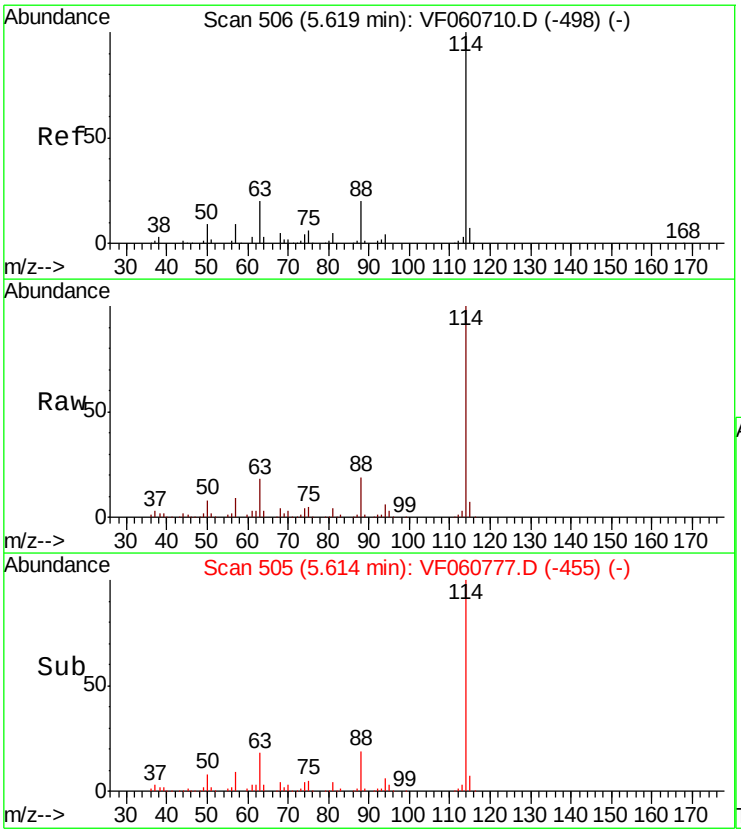
#33
1,2-Dichloroethane-d4
Concen: 39.890 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument :
MSVOA_F
ClientSampleId :
SSI-01

Tgt Ion: 65 Resp: 91143

Ion	Ratio	Lower	Upper
65	100		
67	46.5	0.0	90.2

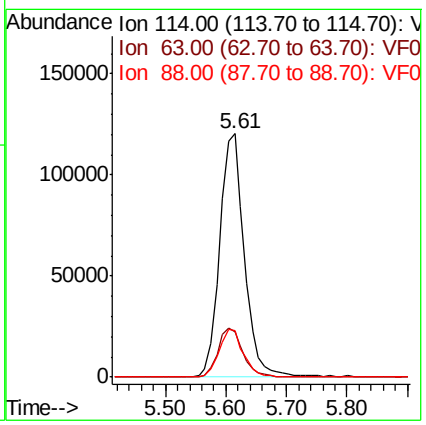


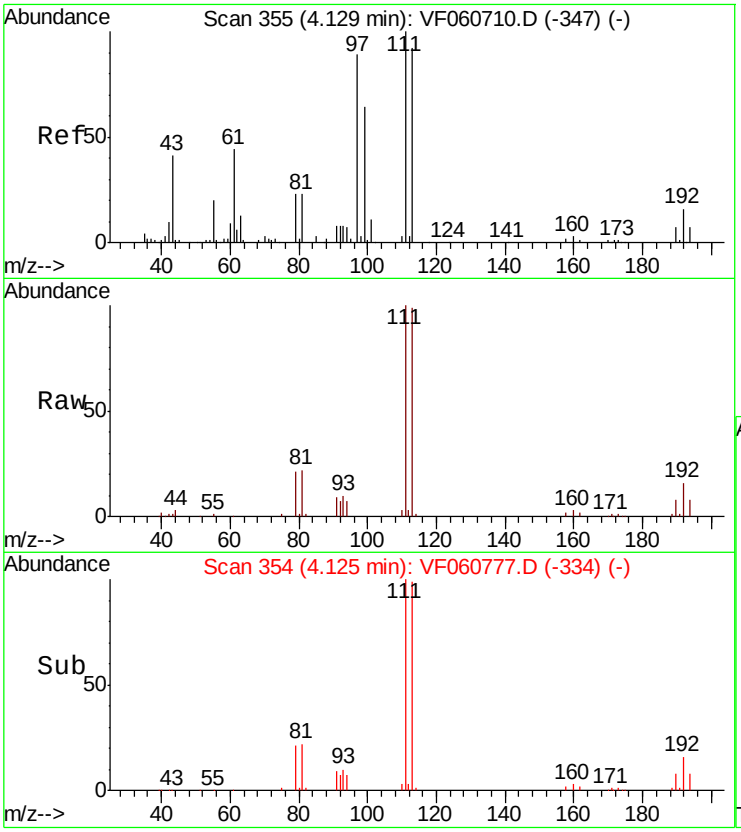


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion:114 Resp: 340823

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	40.8
88	19.1	0.0	39.6



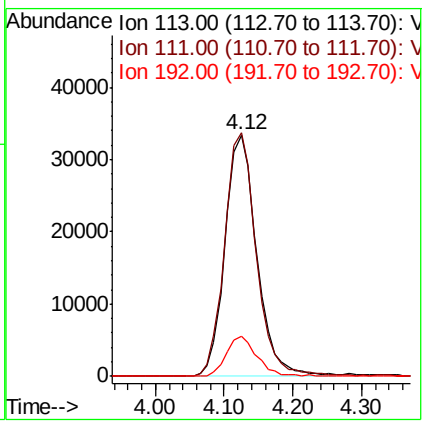


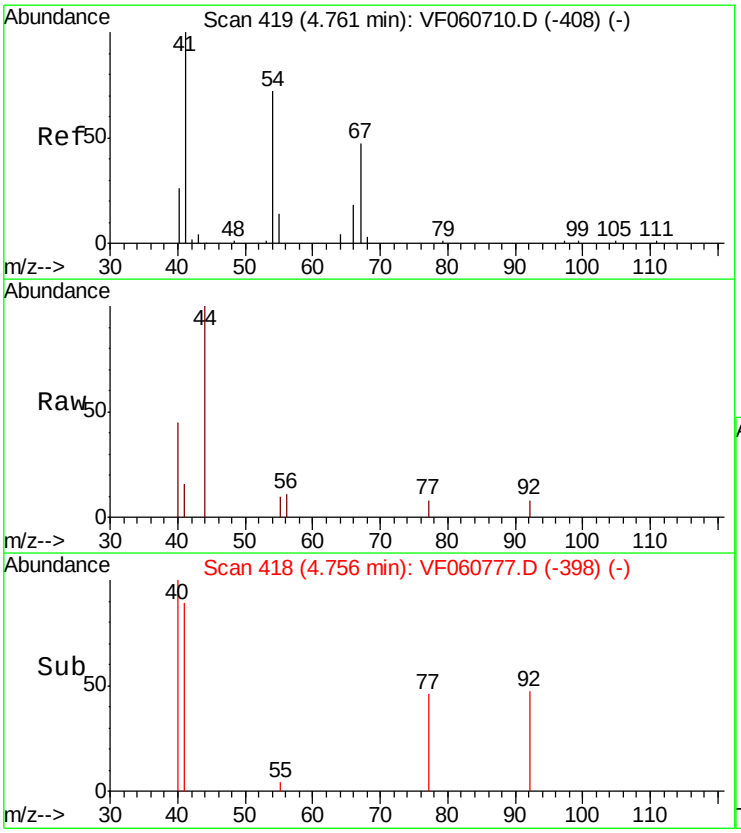
#35
Dibromofluoromethane
Concen: 41.695 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument :
MSVOA_F
ClientSampleId :
SSI-01

Tgt Ion:113 Resp: 106819

Ion	Ratio	Lower	Upper
113	100		
111	101.0	87.1	130.7
192	16.4	13.8	20.6

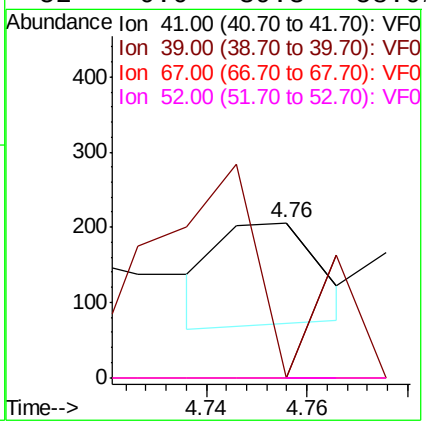


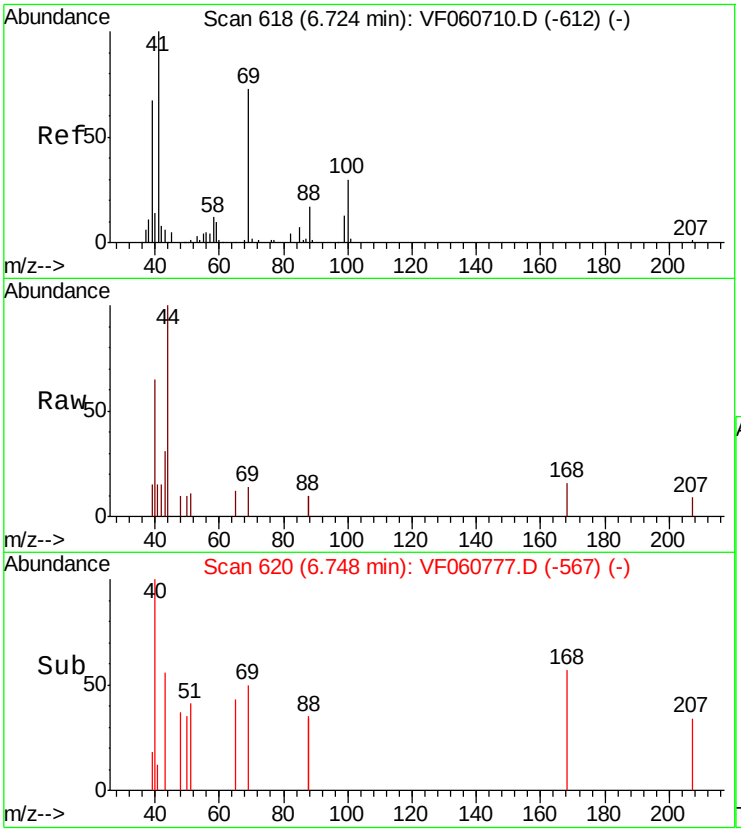


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.76 min Scan# 418
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion: 41 Resp: 188

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.1	70.7#
67	0.0	37.1	55.7#
52	0.0	39.3	58.9#



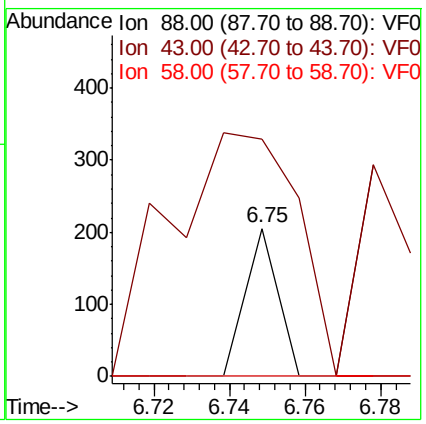


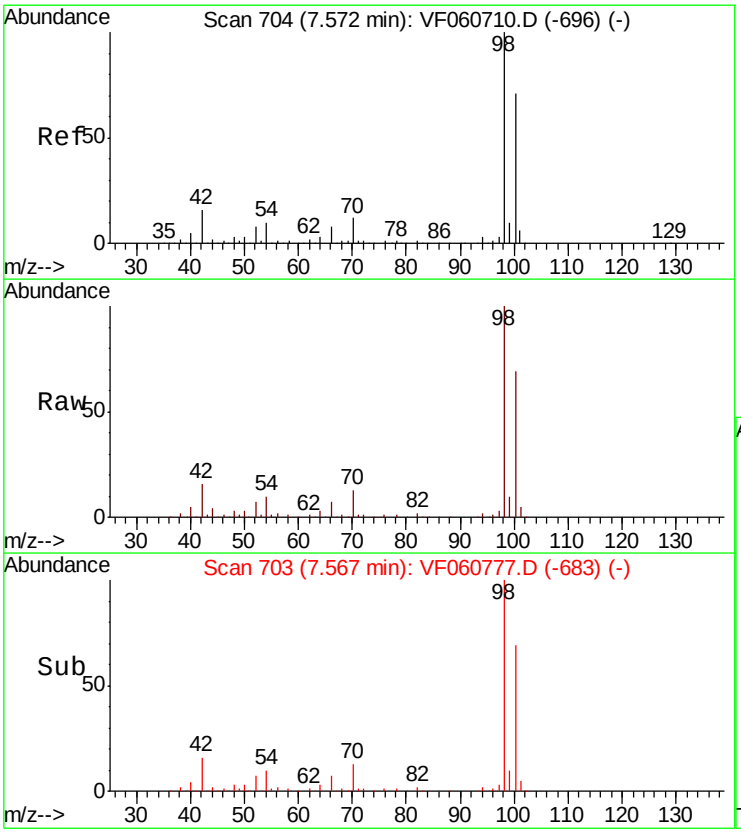
#49
1,4-Dioxane
Concen: 10.033 ug/l
RT: 6.75 min Scan# 620
Delta R.T. 0.02 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument :
MSVOA_F
ClientSampleId :
SSI-01

Tgt Ion: 88 Resp: 121

Ion	Ratio	Lower	Upper
88	100		
43	160.5	44.6	66.8#
58	0.0	54.5	81.7#

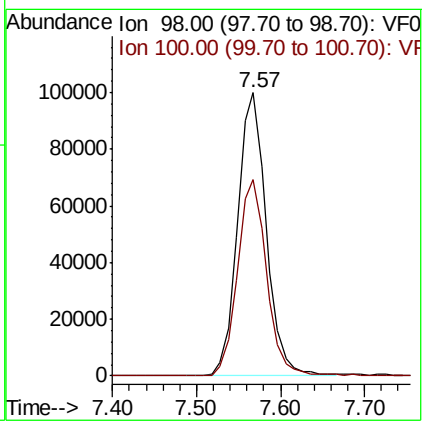


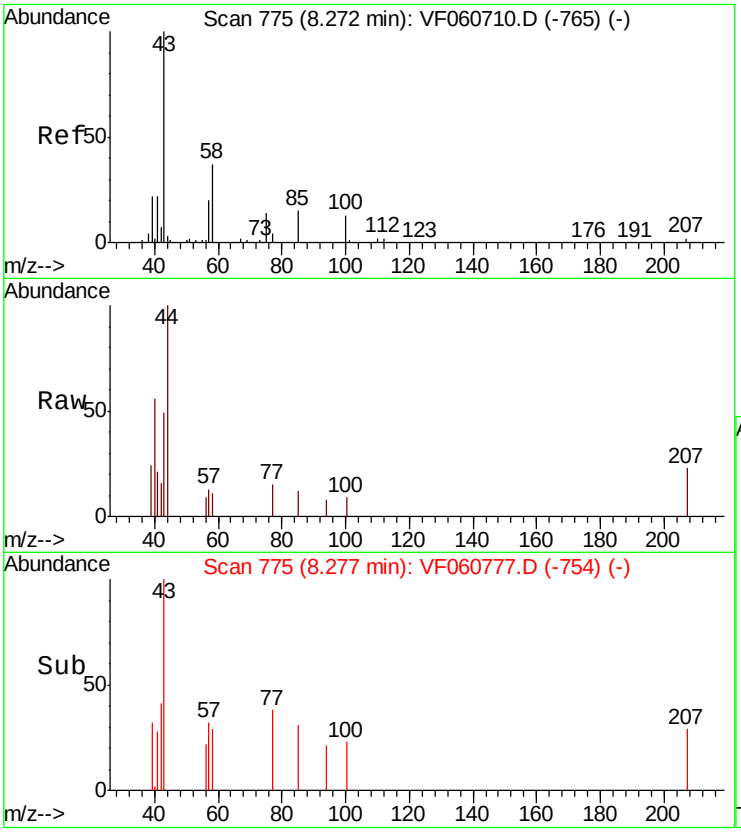


#50
Toluene-d8
Concen: 35.051 ug/l
RT: 7.57 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion: 98 Resp: 237660

Ion	Ratio	Lower	Upper
98	100		
100	69.4	56.5	84.7



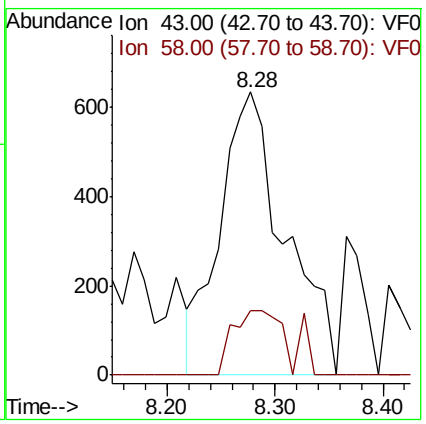


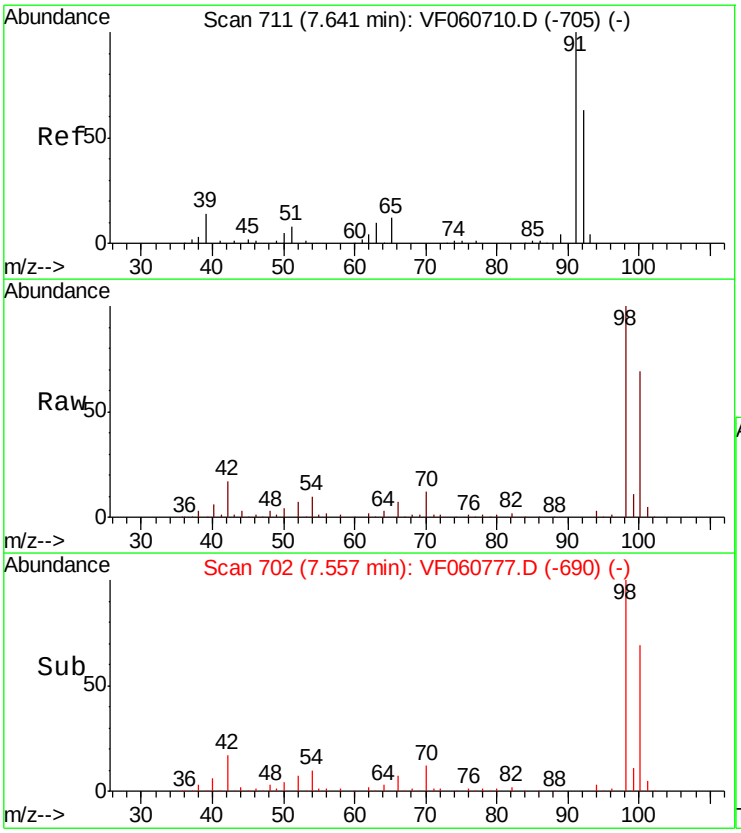
#51
4-Methyl-2-Pentanone
Concen: 1.889 ug/l
RT: 8.28 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument : MSVOA_F
ClientSampleId : SSI-01

Tgt Ion: 43 Resp: 2662

Ion	Ratio	Lower	Upper
43	100		
58	22.9	29.2	43.8#

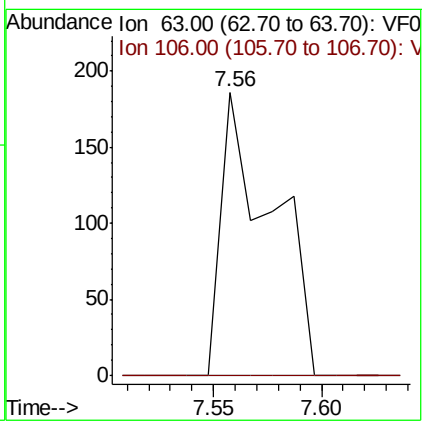


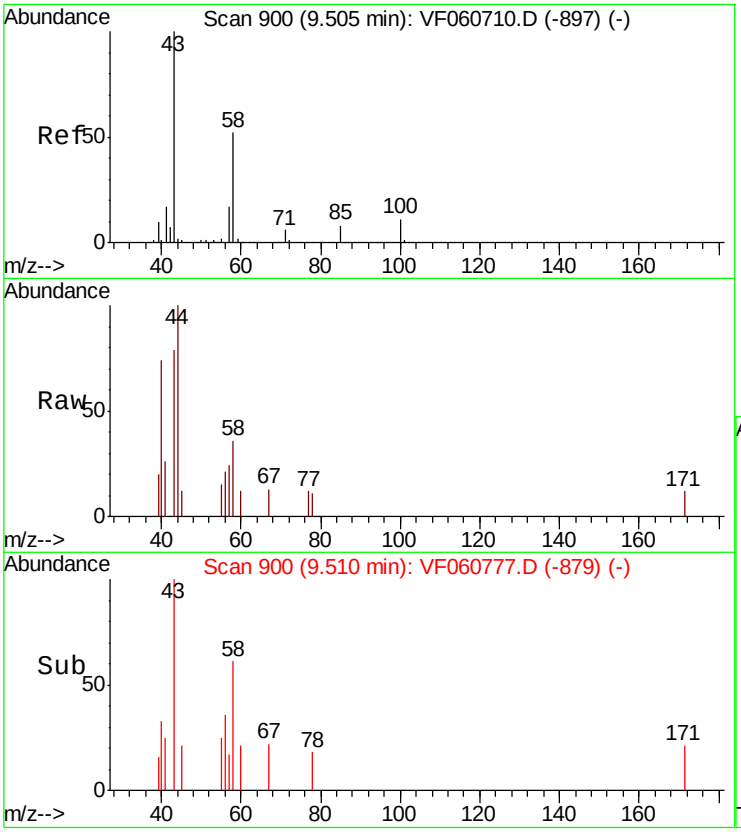


#58
2-Chloroethyl Vinyl ether
Concen: 1.737 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.08 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion: 63 Resp: 304

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



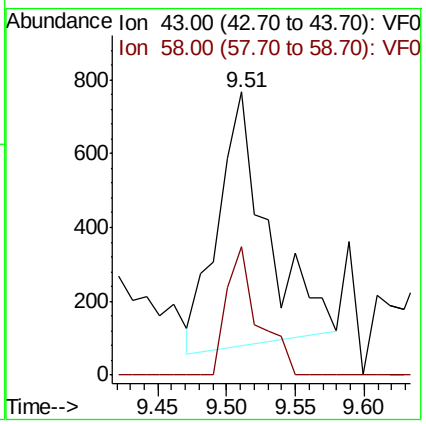


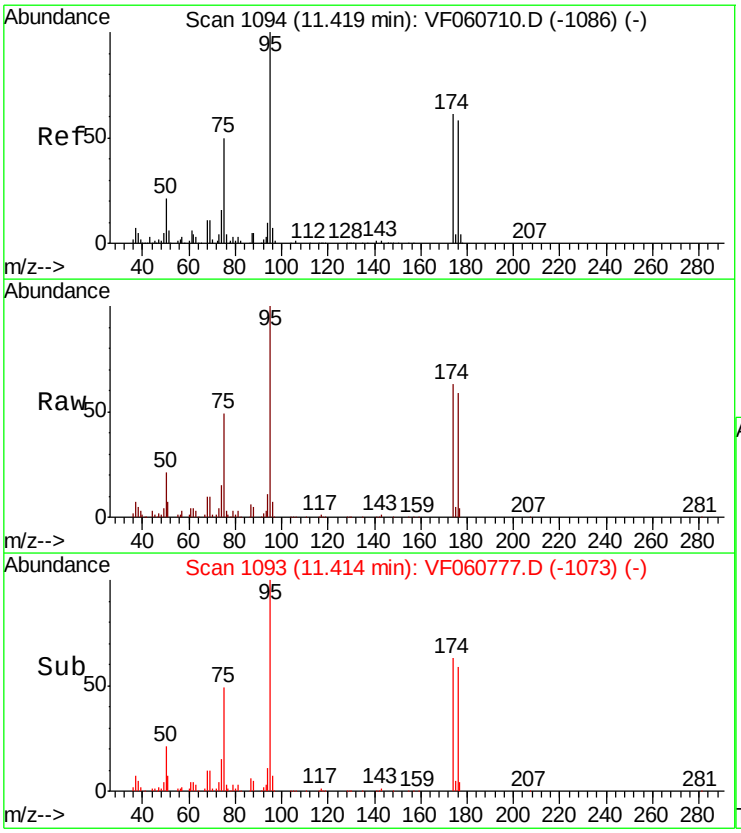
#59
2-Hexanone
Concen: 1.716 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument : MSVOA_F
ClientSampleId : SSI-01

Tgt Ion: 43 Resp: 1699

Ion	Ratio	Lower	Upper
43	100		
58	45.4	24.9	74.7

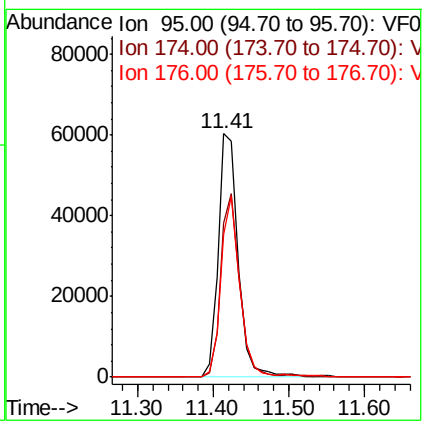


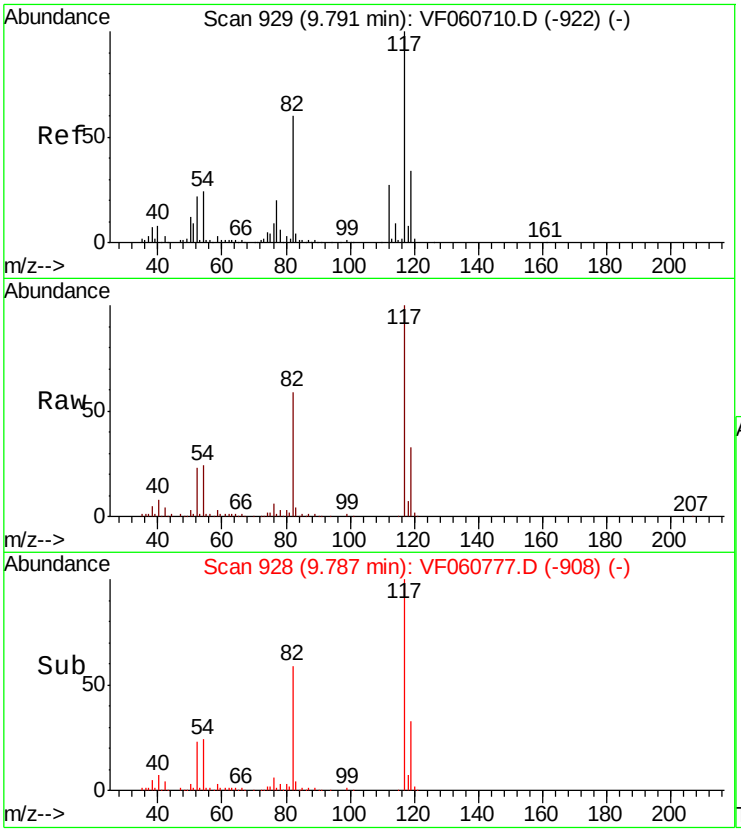


#62
4-Bromofluorobenzene
Concen: 35.902 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion: 95 Resp: 112303

Ion	Ratio	Lower	Upper
95	100		
174	63.4	0.0	121.6
176	58.5	0.0	115.2



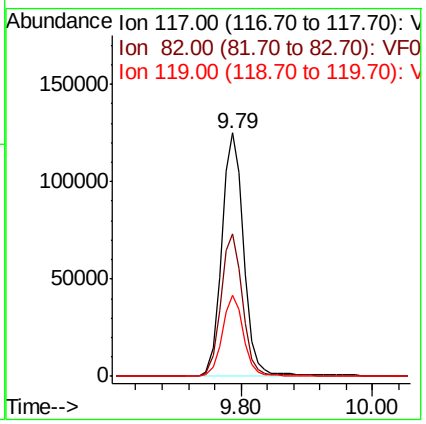


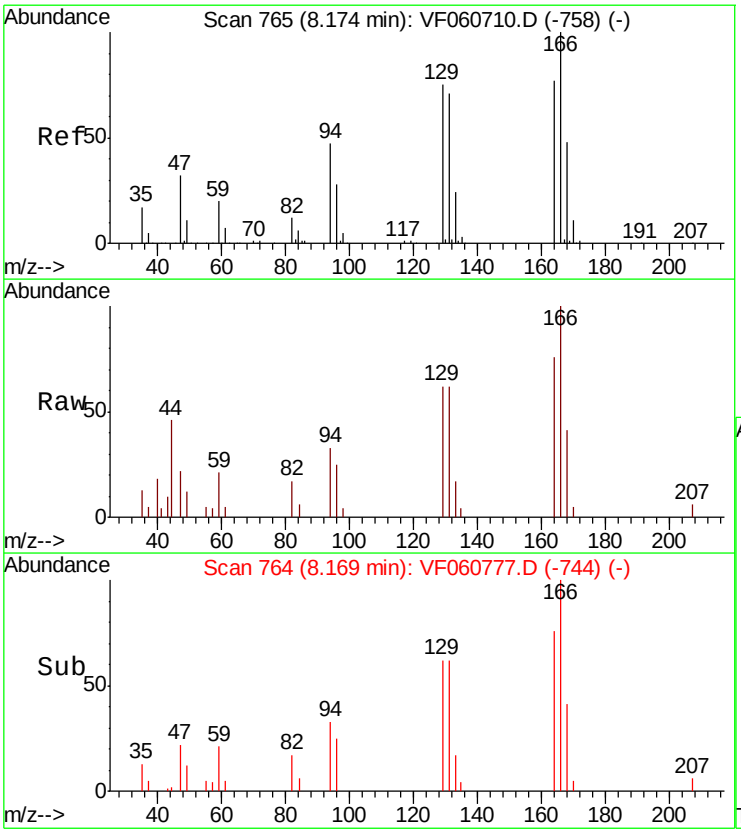
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument : MSVOA_F
ClientSampleId : SSI-01

Tgt Ion:117 Resp: 293494

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.9	71.9
119	33.1	26.8	40.2

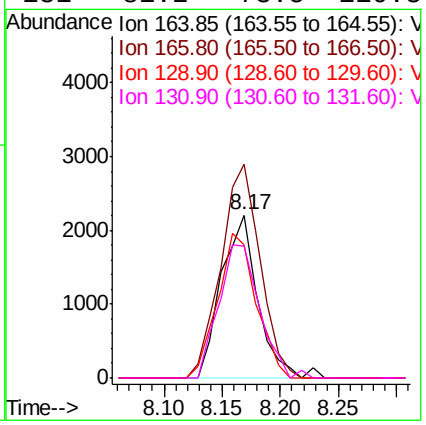


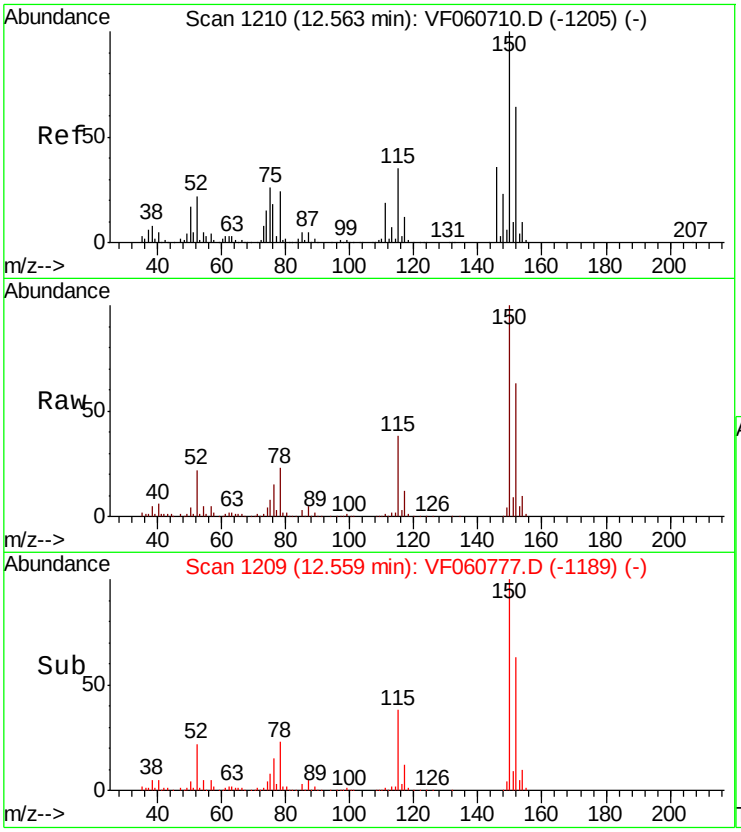


#64
Tetrachloroethene
Concen: 2.073 ug/l
RT: 8.17 min Scan# 764
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion:164 Resp: 4819

Ion	Ratio	Lower	Upper
164	100		
166	130.9	103.5	155.3
129	81.8	77.4	116.2
131	81.2	73.5	110.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument :
MSVOA_F
ClientSampleId :
SSI-01

Tgt Ion:152 Resp: 129808

Ion	Ratio	Lower	Upper
152	100		
115	60.2	27.9	83.7
150	158.4	0.0	316.4