Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059950.D
Acq On : 10 Aug 2018 17:48
Operator : VA/AP
Sample : J4396-02RE
Misc : 8.85g/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-BPM-01-E8-F8-E8A-F8A

Quant Time: Aug 10 23:05:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	104613	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	146719	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	146240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	96236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	97522	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.42%			
35) Dibromofluoromethane	4.31	113	77341	52.98	ug/l	0.02
Spiked Amount 50.000			Recovery = 105.96%			
50) Toluene-d8	7.72	98	142471	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.74%			
62) 4-Bromofluorobenzene	11.52	95	84062	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.32%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.68	59	370	4.864	ug/l #	74
13) Acrolein	2.11	56	66	1.448	ug/l #	75
16) Acetone	2.35	43	9638	27.682	ug/l #	93
18) Methyl Acetate	2.46	43	784	1.335	ug/l #	56
20) Methylene Chloride	2.30	84	1519	Below Cal	#	55
39) Methylcyclohexane	5.78	83	3507	2.756	ug/l #	31
40) Benzene	4.82	78	145	Below Cal	#	1
58) 2-Chloroethyl Vinyl ether	7.71	63	324	3.174	ug/l	100
74) N-amyl acetate	11.53	43	178	3.072	ug/l #	1

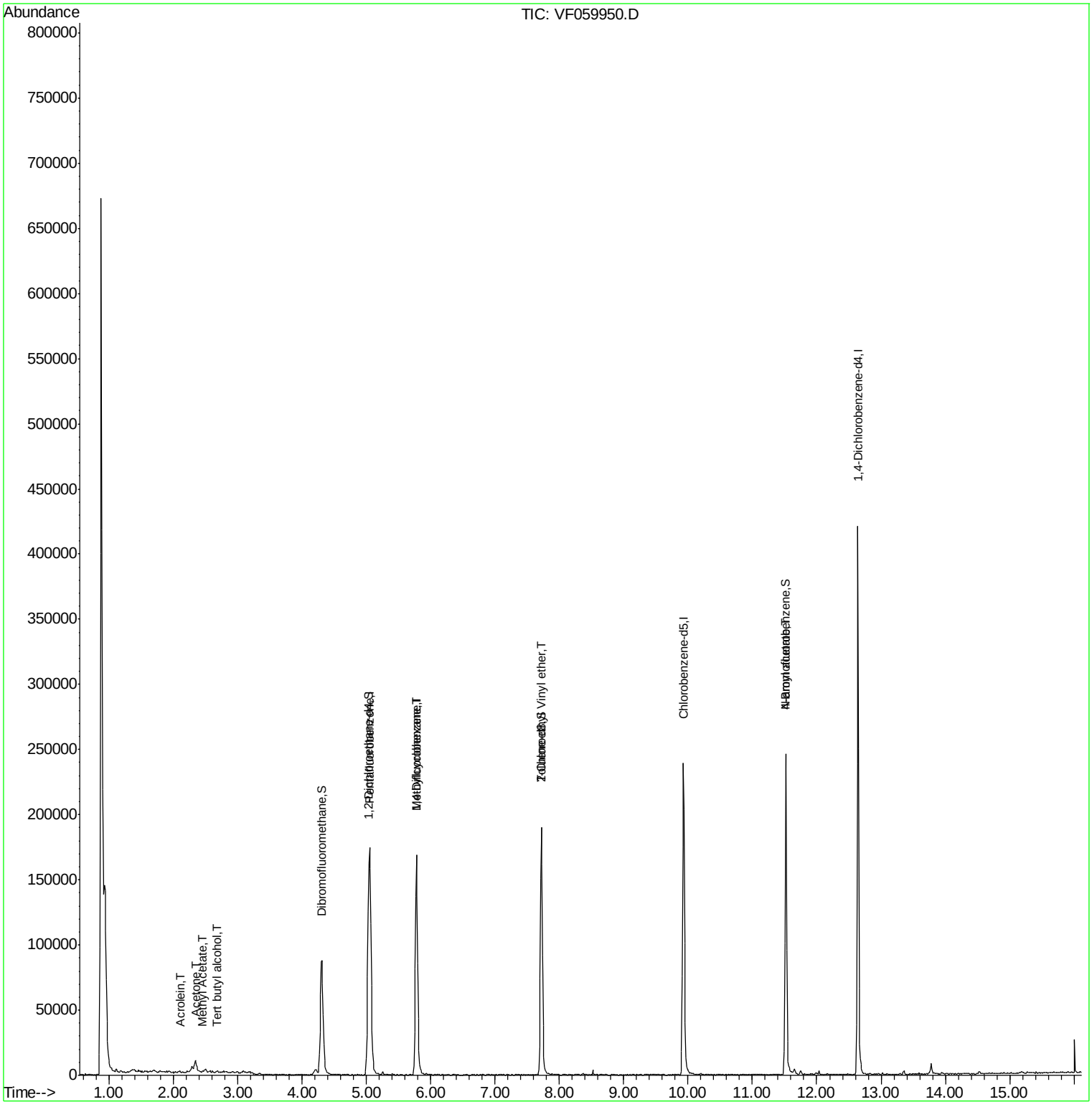
(#) = qualifier out of range (m) = manual integration (+) = signals summed

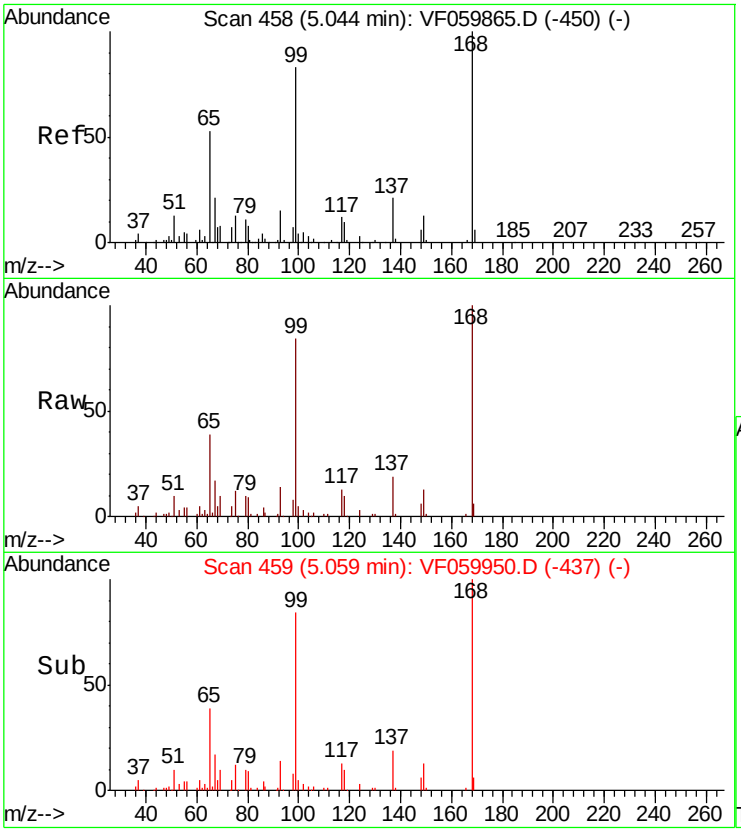
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059950.D
Acq On : 10 Aug 2018 17:48
Operator : VA/AP
Sample : J4396-02RE
Misc : 8.85g/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Quant Time: Aug 10 23:05:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration



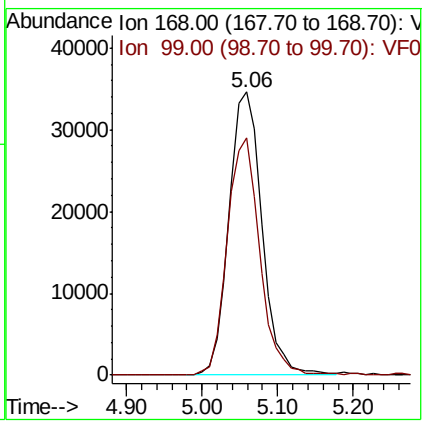


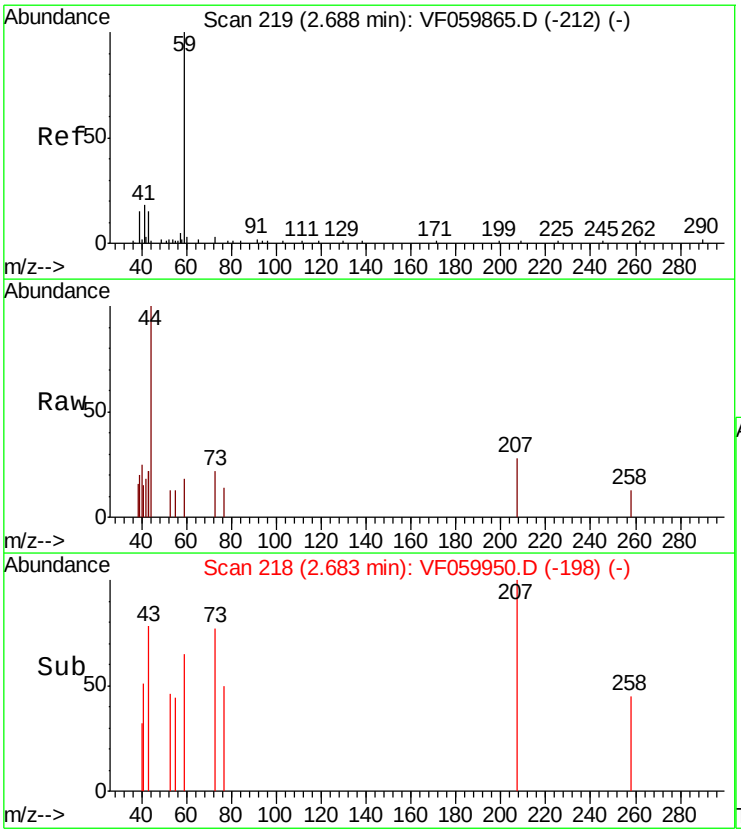
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.02 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion:168 Resp: 104613

Ion	Ratio	Lower	Upper
168	100		
99	84.0	66.3	99.5

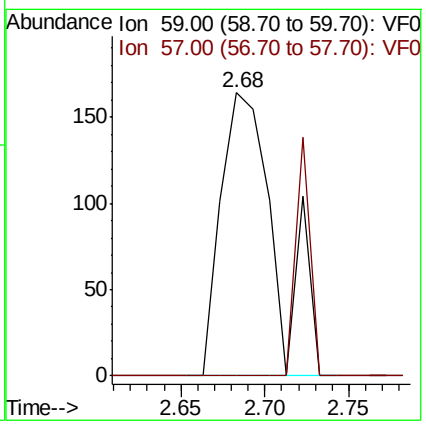


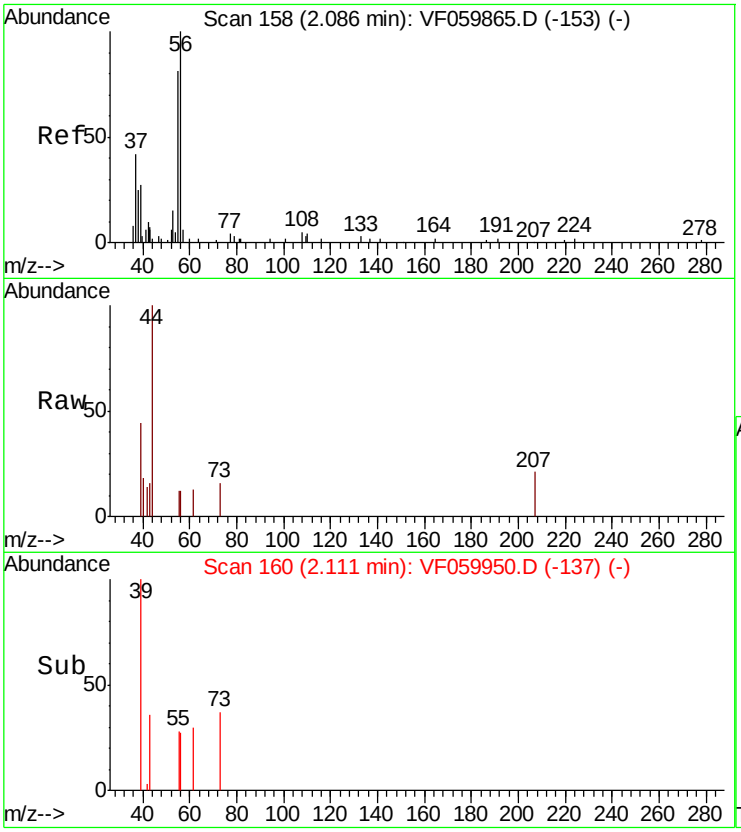


#11
Tert butyl alcohol
Concen: 4.864 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.00 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Tgt Ion: 59 Resp: 370

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



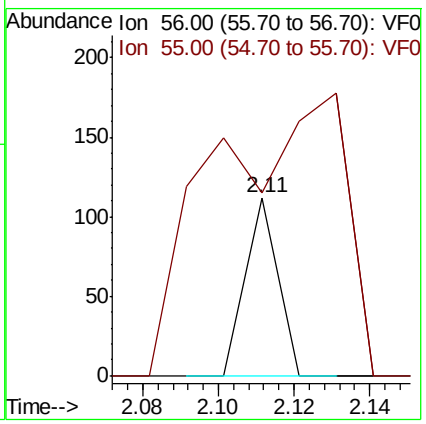


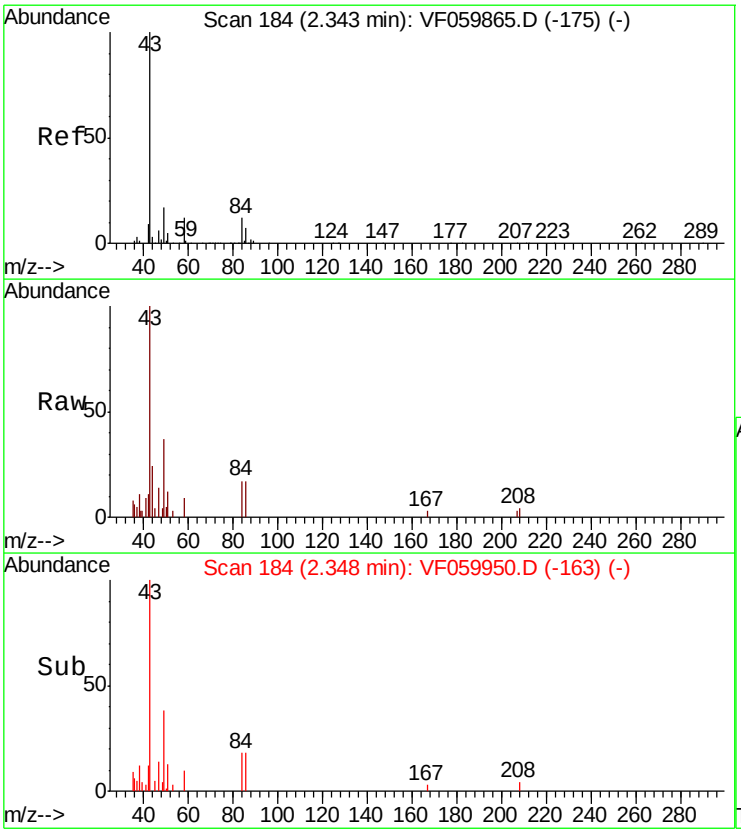
#13
Acrolein
Concen: 1.448 ug/l
RT: 2.11 min Scan# 160
Delta R.T. 0.02 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion: 56 Resp: 66

Ion	Ratio	Lower	Upper
56	100		
55	102.7	64.6	96.8#

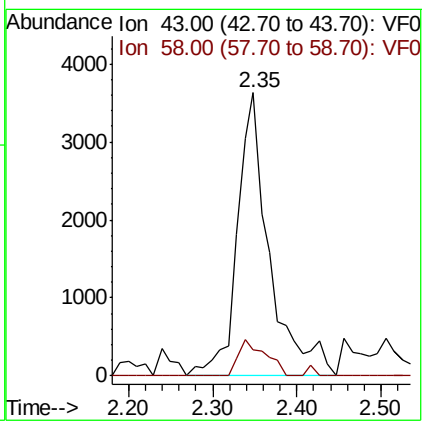


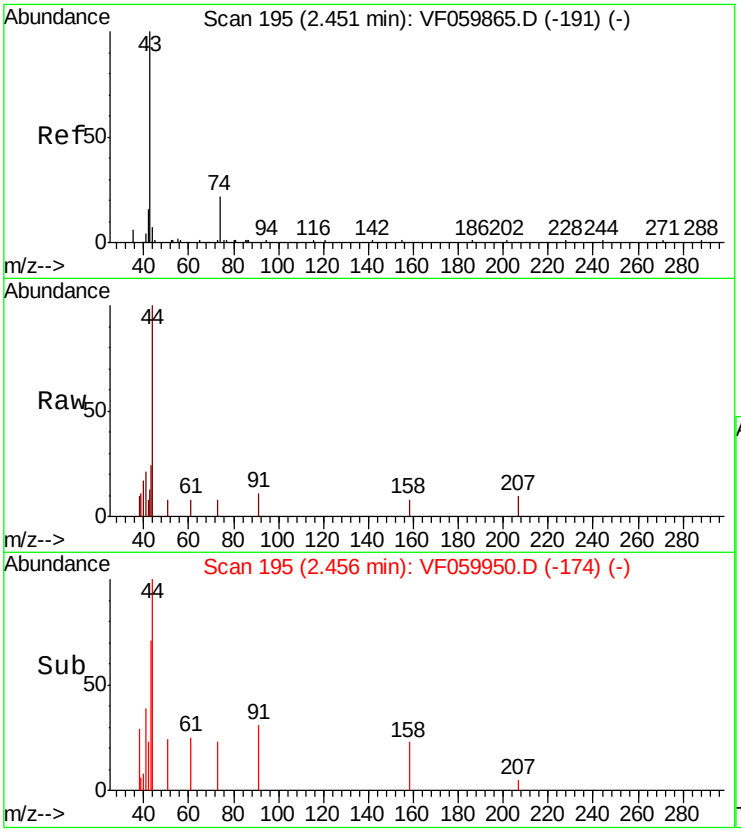


#16
Acetone
Concen: 27.682 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Tgt Ion: 43 Resp: 9638

Ion	Ratio	Lower	Upper
43	100		
58	9.2	9.4	14.0#



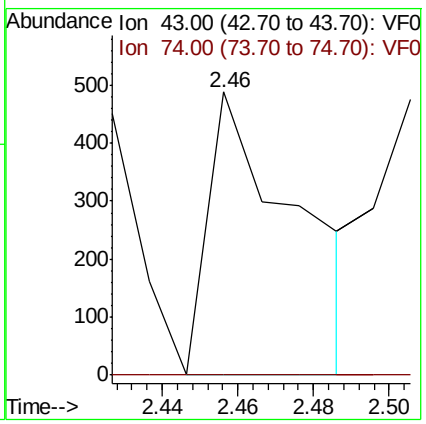


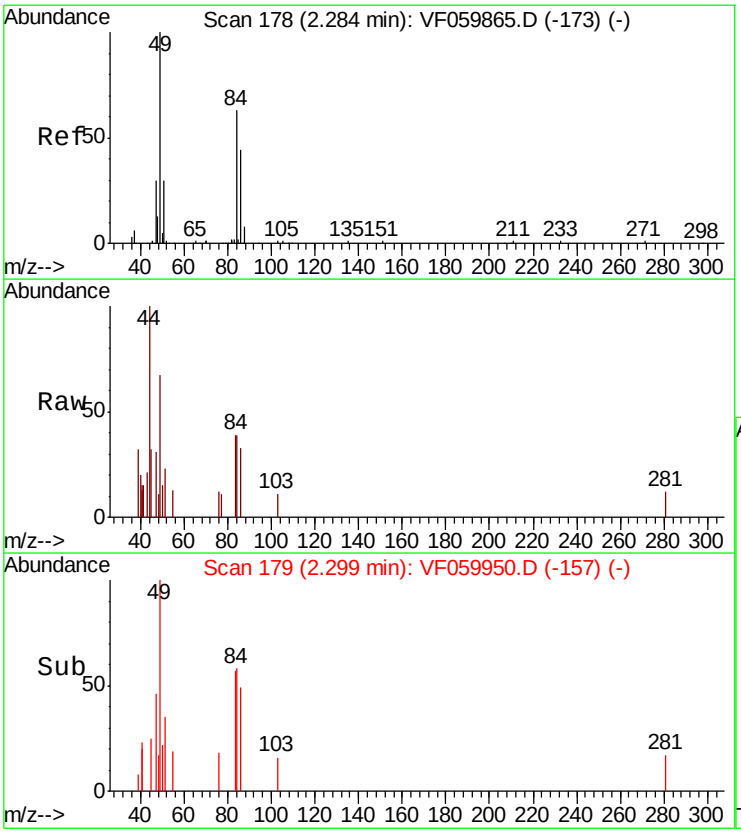
#18
Methyl Acetate
Concen: 1.335 ug/l
RT: 2.46 min Scan# 195
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Instrument : MSVOA_F
ClientSampleId : FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion: 43 Resp: 784

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#

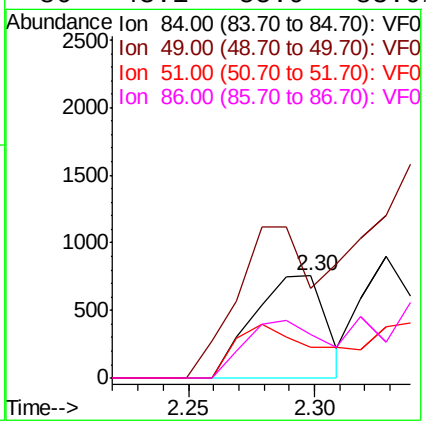


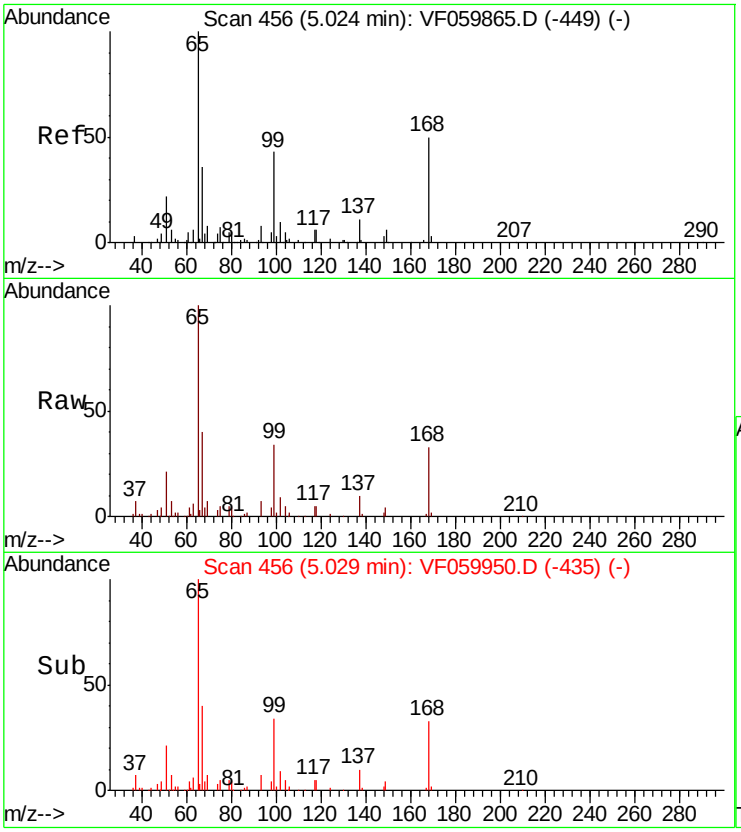


#20
Methylene Chloride
Concen: Below Cal
RT: 2.30 min Scan# 179
Delta R.T. 0.02 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Tgt Ion: 84 Resp: 1519

Ion	Ratio	Lower	Upper
84	100		
49	87.1	128.7	193.1#
51	30.3	39.3	58.9#
86	43.1	55.9	83.9#



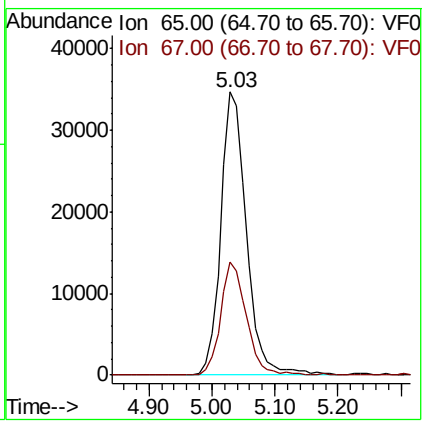


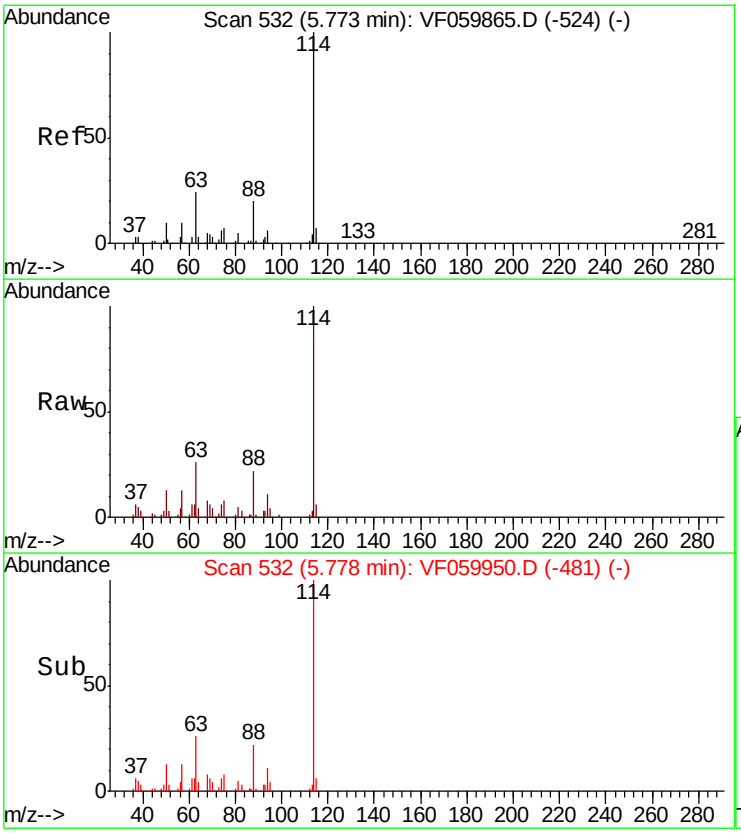
#33
1,2-Dichloroethane-d4
Concen: 51.708 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion: 65 Resp: 97522

Ion	Ratio	Lower	Upper
65	100		
67	40.0	0.0	77.2

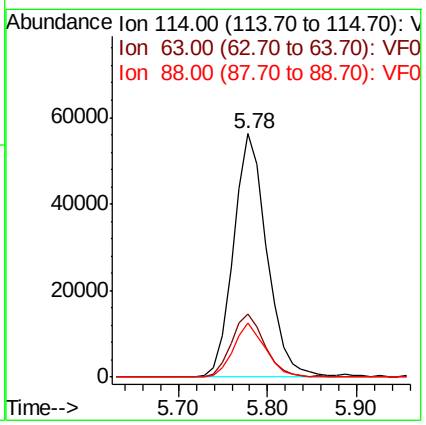


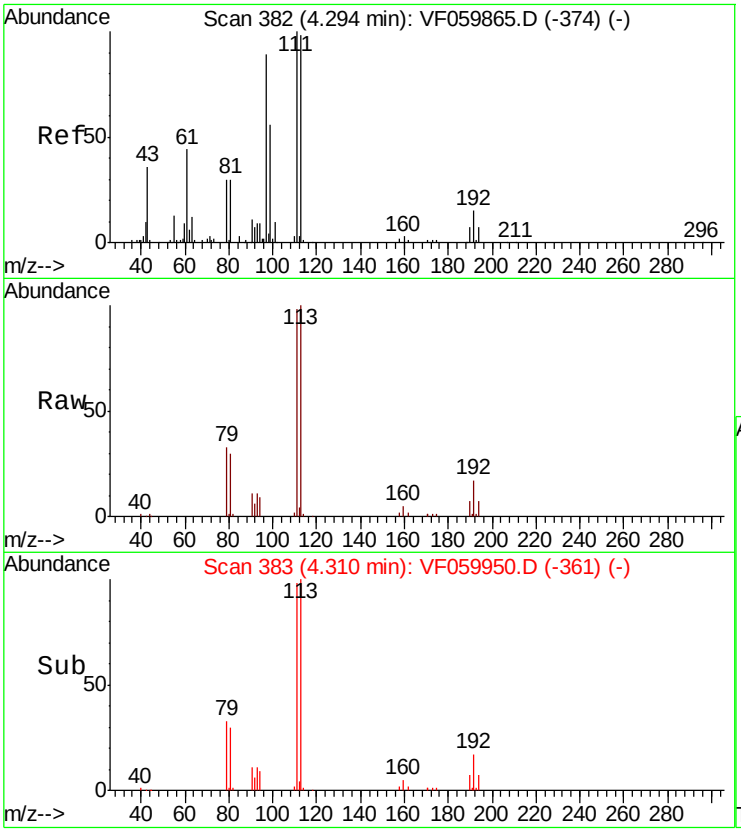


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Tgt Ion:114 Resp: 146719

Ion	Ratio	Lower	Upper
114	100		
63	26.0	0.0	48.0
88	22.5	0.0	39.4



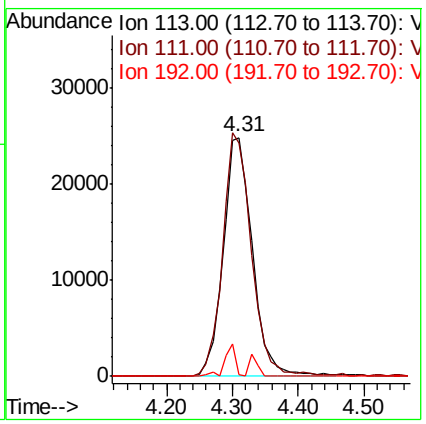


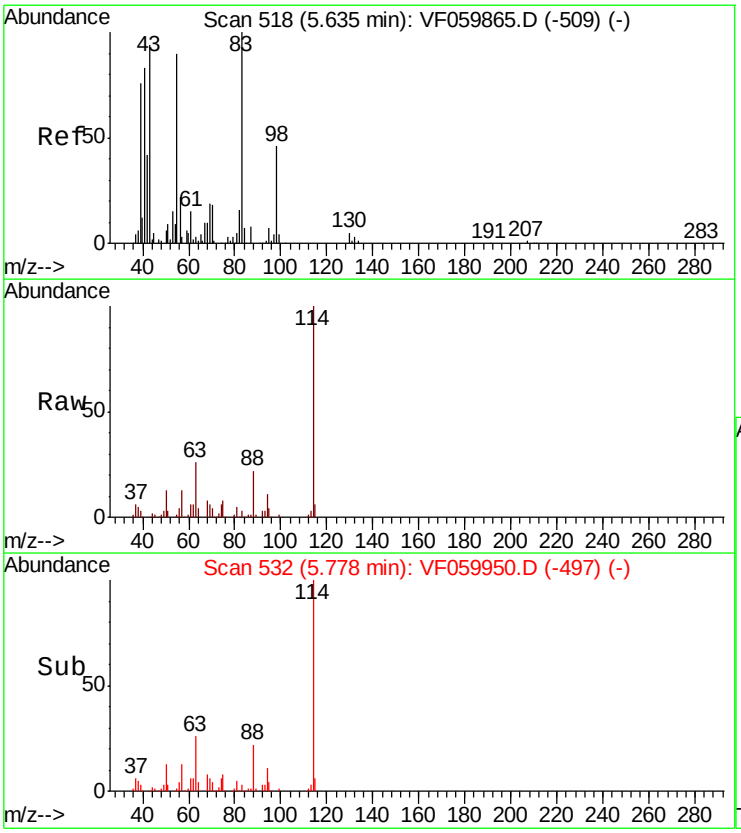
#35
Dibromofluoromethane
Concen: 52.981 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.02 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion:113 Resp: 77341

Ion	Ratio	Lower	Upper
113	100		
111	98.0	81.8	122.8
192	0.8	12.4	18.6#

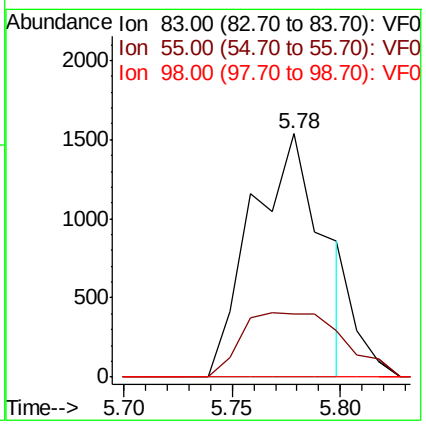


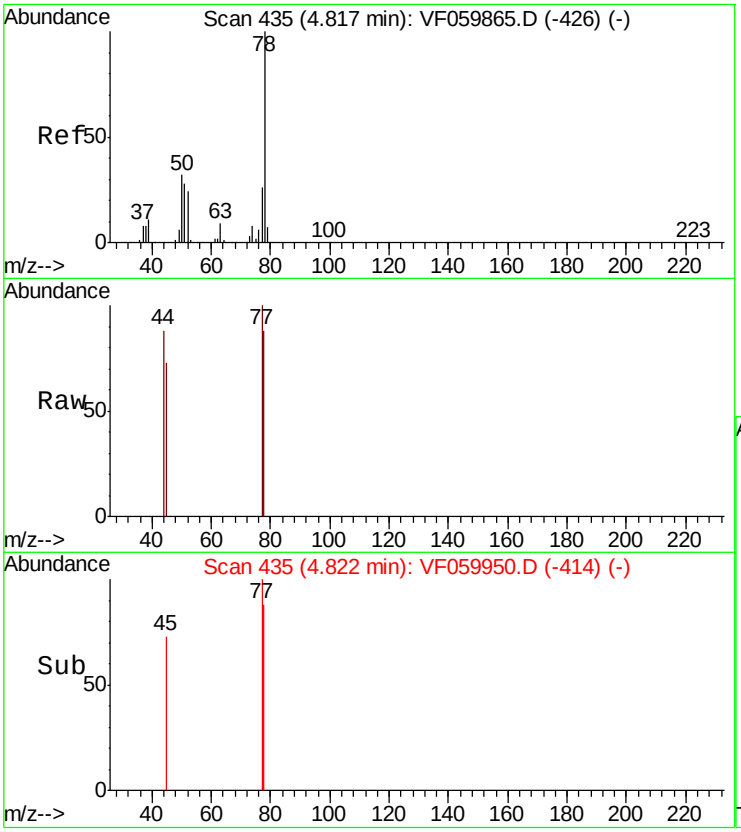


#39
Methylcyclohexane
Concen: 2.756 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.14 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Tgt Ion: 83 Resp: 3507

Ion	Ratio	Lower	Upper
83	100		
55	25.8	72.0	108.0#
98	0.0	36.6	54.8#



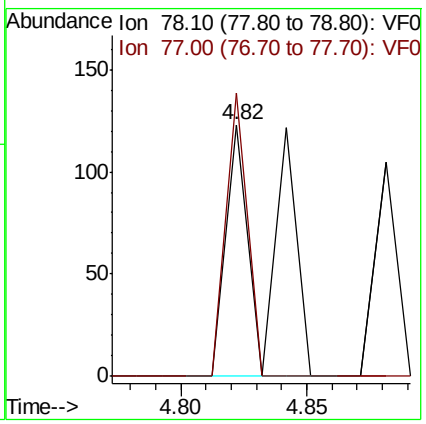


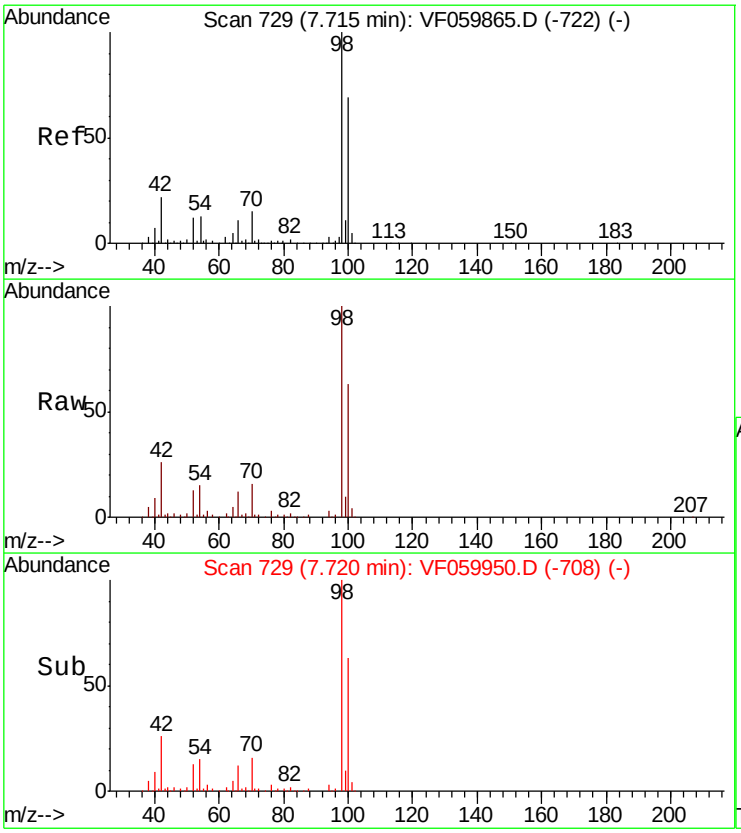
#40
Benzene
Concen: Below Cal
RT: 4.82 min Scan# 435
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion: 78 Resp: 145

Ion	Ratio	Lower	Upper
78	100		
77	113.0	20.7	31.1#

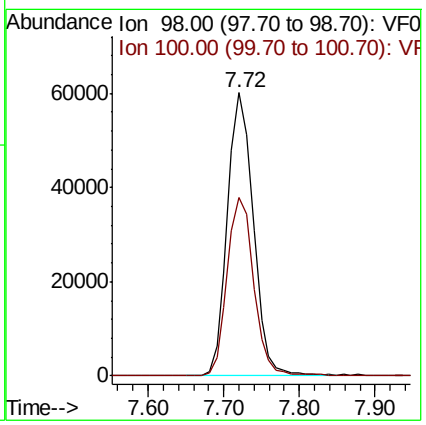


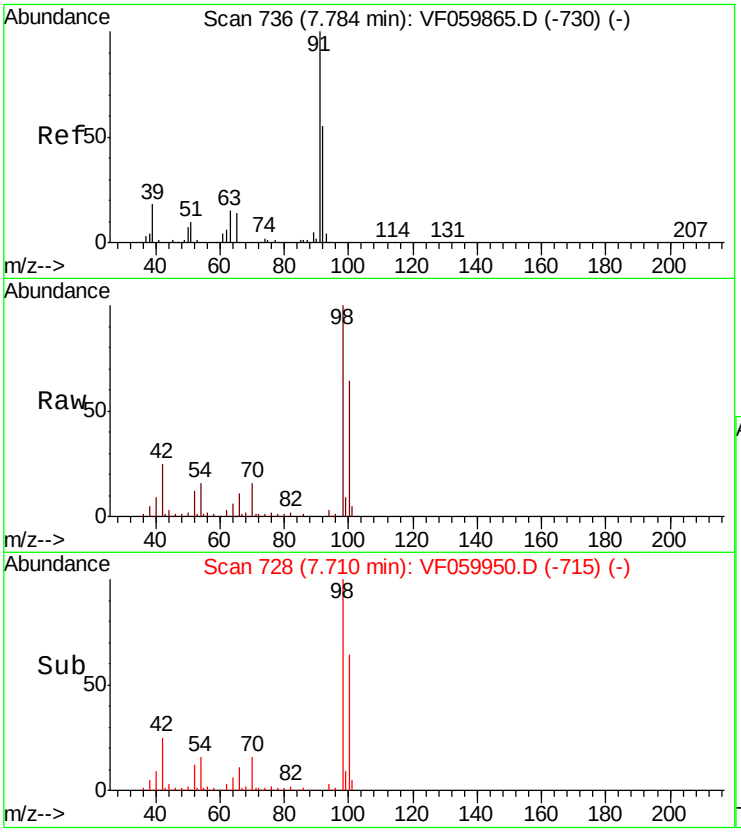


#50
Toluene-d8
Concen: 45.870 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Tgt Ion: 98 Resp: 142471

Ion	Ratio	Lower	Upper
98	100		
100	63.0	55.0	82.6



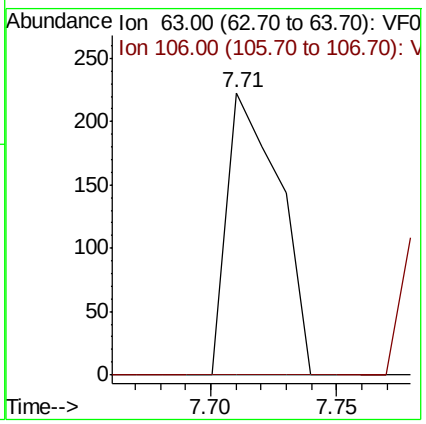


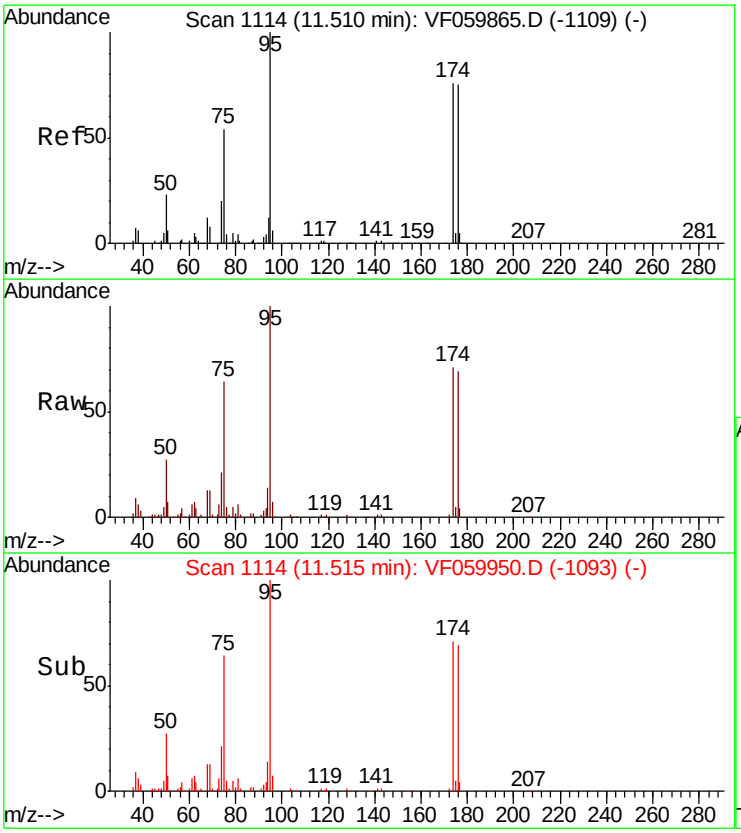
#58
2-Chloroethyl Vinyl ether
Concen: 3.174 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.07 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion: 63 Resp: 324

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

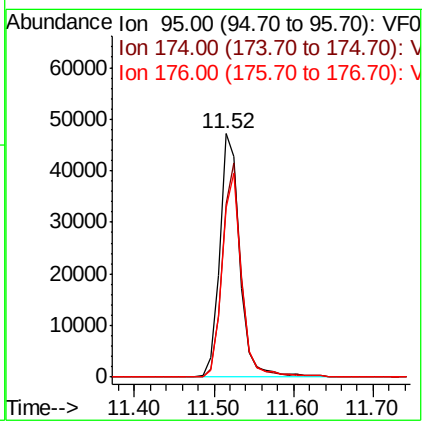


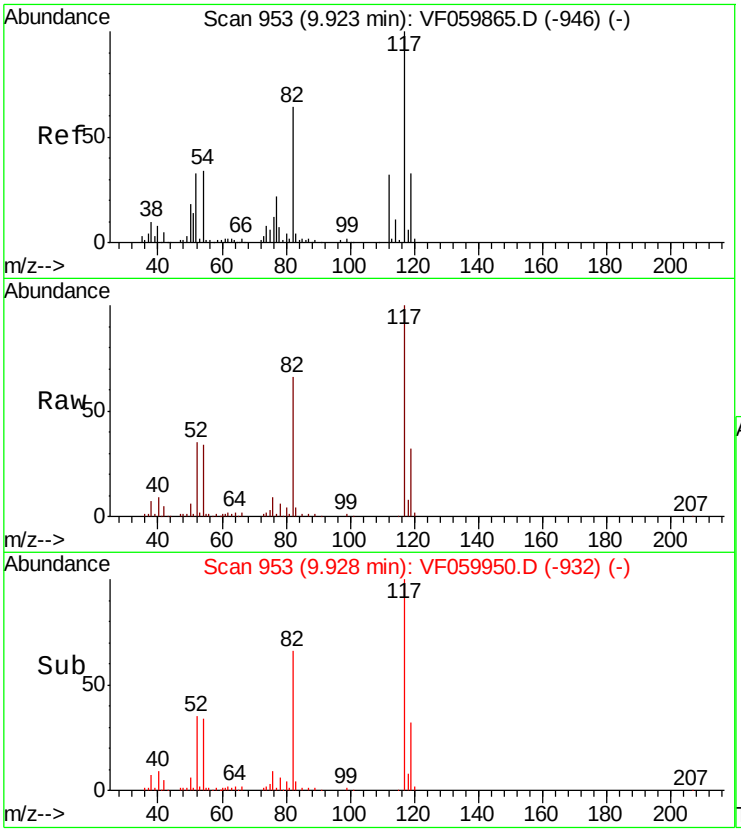


#62
4-Bromofluorobenzene
Concen: 48.163 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Tgt Ion: 95 Resp: 84062

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	151.6
176	69.4	0.0	149.8



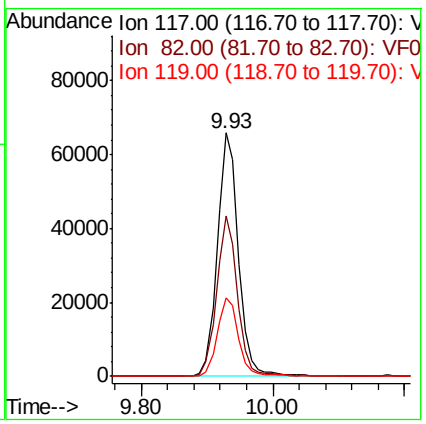


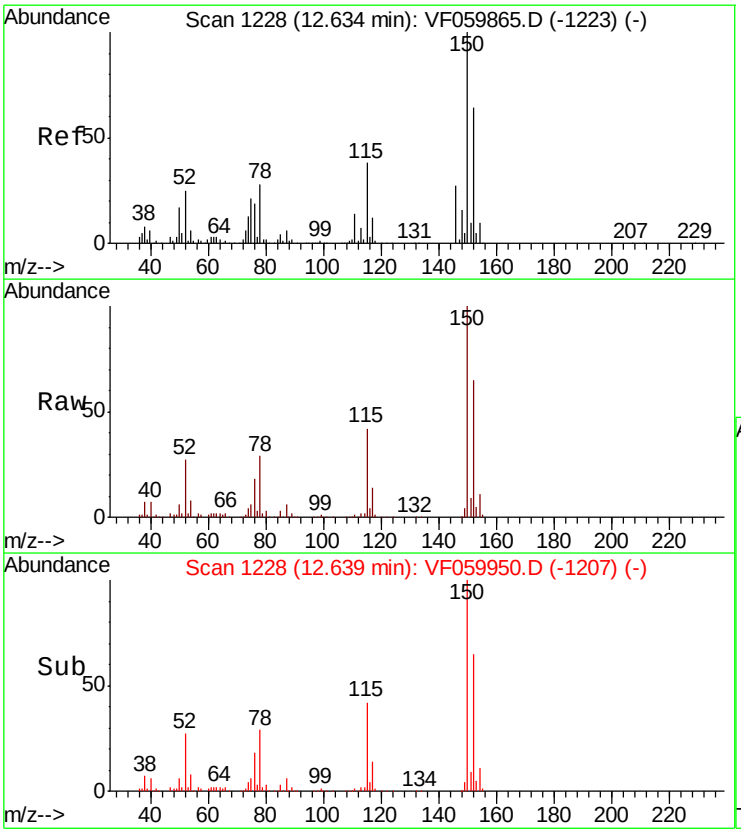
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion:117 Resp: 146240

Ion	Ratio	Lower	Upper
117	100		
82	65.9	51.3	76.9
119	32.1	26.4	39.6

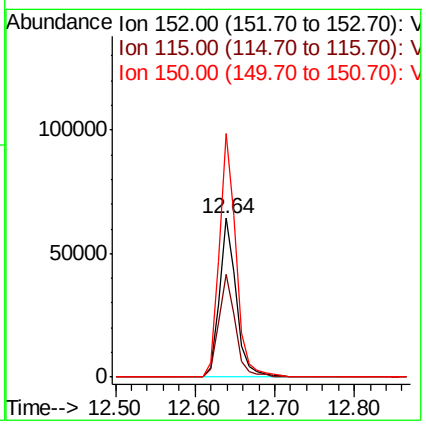


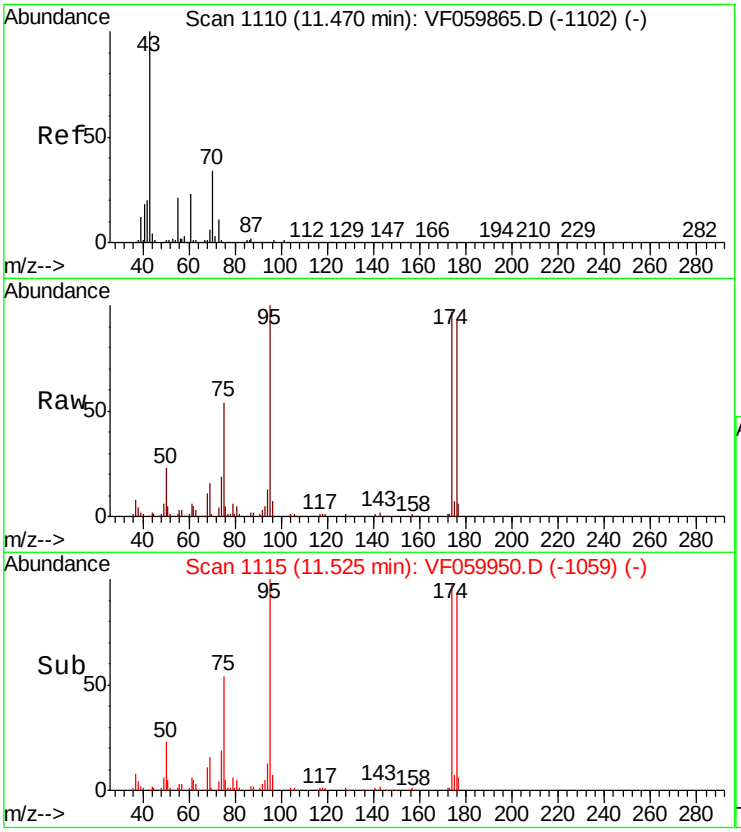


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Tgt Ion:152 Resp: 96236

Ion	Ratio	Lower	Upper
152	100		
115	64.9	29.8	89.4
150	153.6	0.0	315.6





#74
N-amyl acetate
Concen: 3.072 ug/l
RT: 11.53 min Scan# 1115
Delta R.T. 0.06 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion: 43 Resp: 178

Ion	Ratio	Lower	Upper
43	100		
70	128.7	27.5	41.3#
55	166.3	16.6	25.0#
61	1475.7	18.2	27.4#