Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059944.D
Acq On : 10 Aug 2018 15:01
Operator : VA/AP
Sample : J4388-04RE
Misc : 5.62g/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S-2BRE

Quant Time: Aug 10 23:04:17 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	5.05	168	113858	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	168164	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	157491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	100519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	102040	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.42%			
35) Dibromofluoromethane	4.31	113	80181	47.92	ug/l	0.01
Spiked Amount 50.000			Recovery = 95.84%			
50) Toluene-d8	7.72	98	152533	42.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.70%			
62) 4-Bromofluorobenzene	11.52	95	88018	44.00	ug/l	0.01
Spiked Amount 50.000			Recovery = 88.00%			
Target Compounds						Qvalue
13) Acrolein	1.98	56	77	1.552	ug/l	88
16) Acetone	2.34	43	14014	36.982	ug/l	98
17) Carbon Disulfide	1.89	76	6934	2.554	ug/l	95
18) Methyl Acetate	2.49	43	773	1.209	ug/l #	56
20) Methylene Chloride	2.33	84	3735	Below Cal		92
25) 2-Butanone	4.52	43	1173	2.847	ug/l #	60
40) Benzene	4.80	78	507	Below Cal #		49
58) 2-Chloroethyl Vinyl ether	7.71	63	268	2.291	ug/l	100
59) 2-Hexanone	9.63	43	642	1.034	ug/l	92
74) N-amyl acetate	11.47	43	220	3.093	ug/l #	45

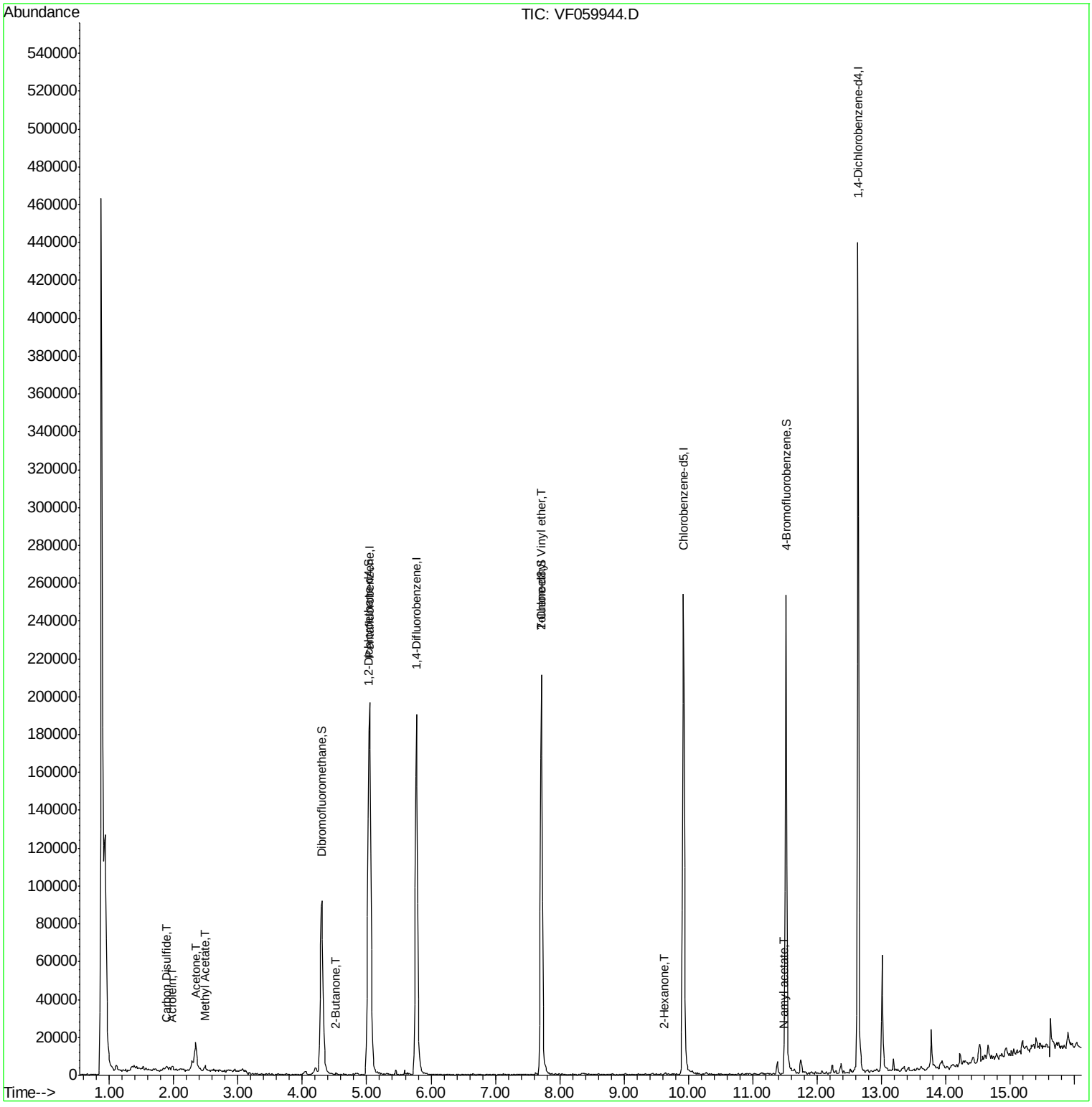
(#) = qualifier out of range (m) = manual integration (+) = signals summed

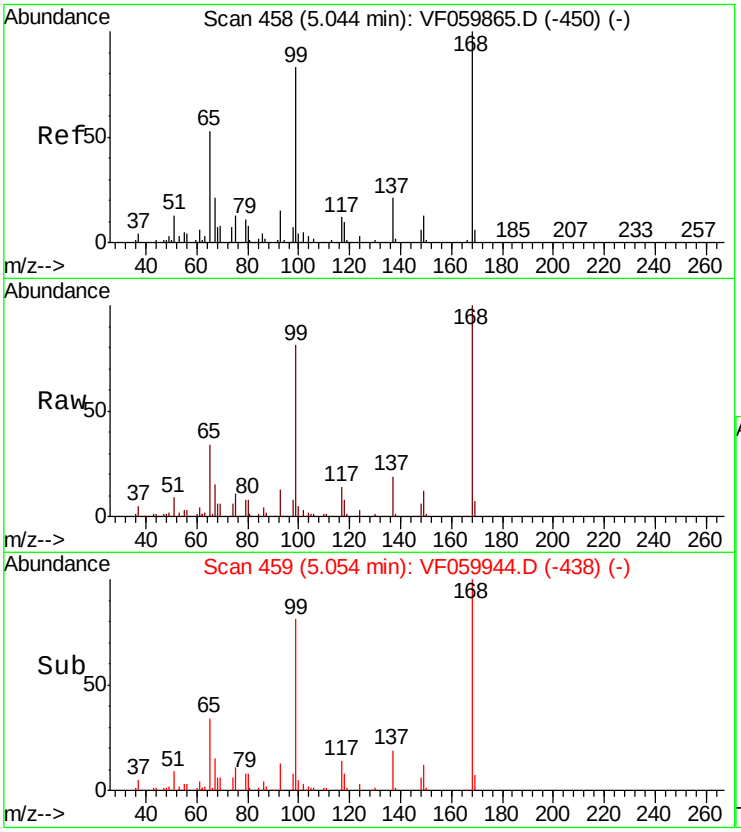
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059944.D
Acq On : 10 Aug 2018 15:01
Operator : VA/AP
Sample : J4388-04RE
Misc : 5.62g/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S-2BRE

Quant Time: Aug 10 23:04:17 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



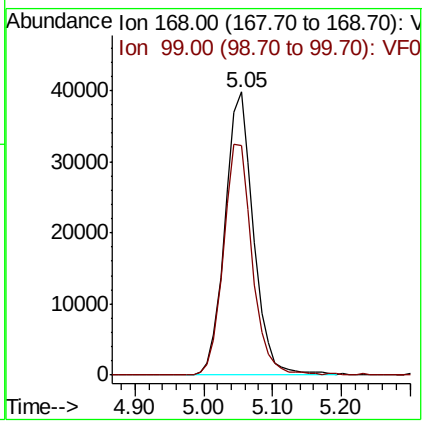


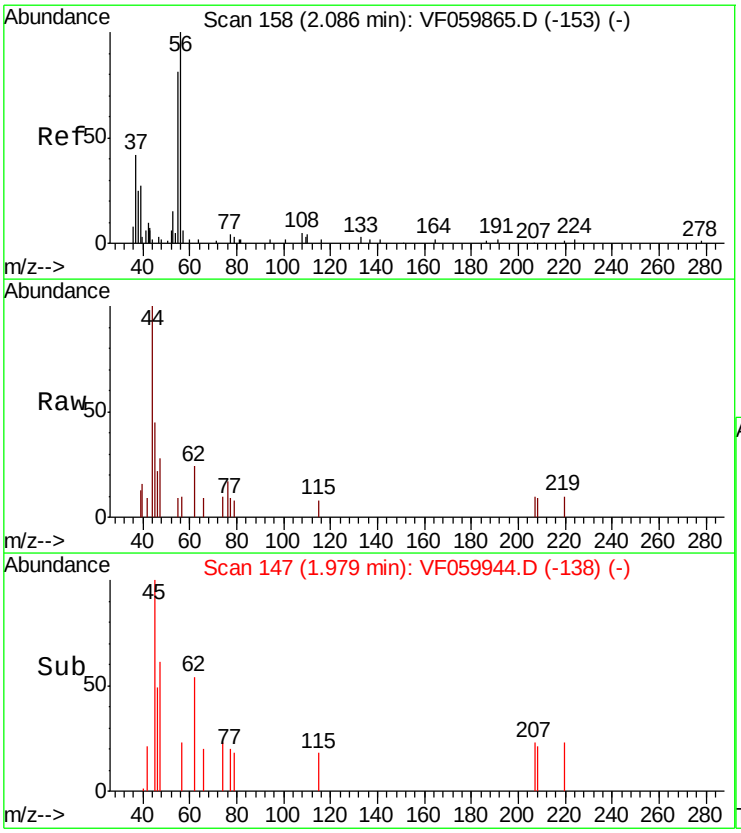
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.01 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Instrument :
MSVOA_F
ClientSampleId :
S-2BRE

Tgt Ion:168 Resp: 113858

Ion	Ratio	Lower	Upper
168	100		
99	81.3	66.3	99.5

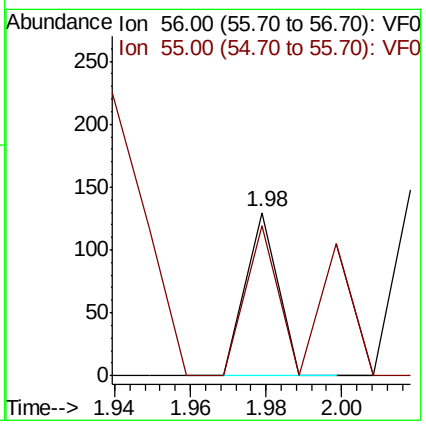


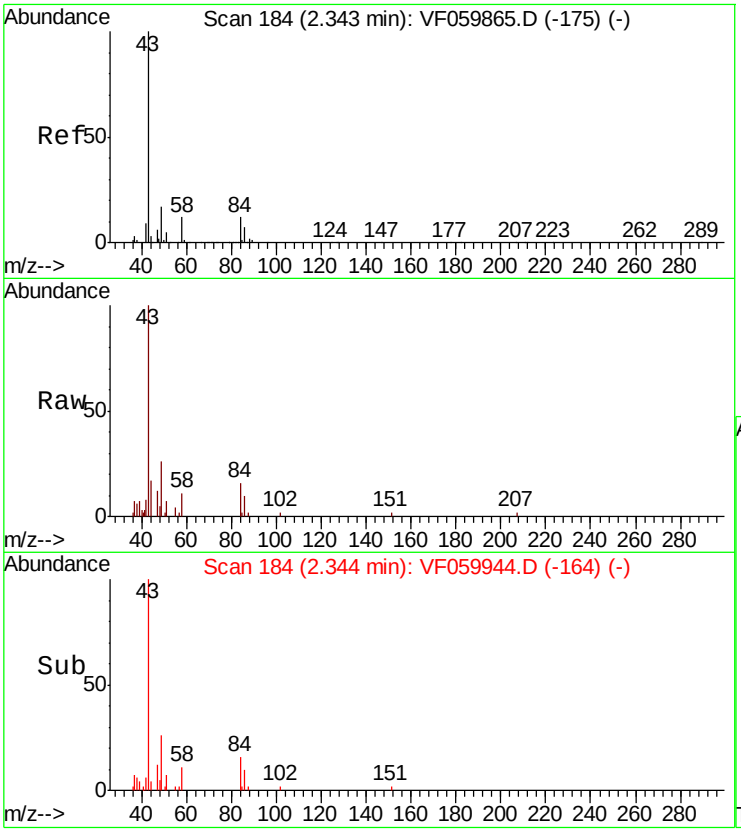


#13
Acrolein
Concen: 1.552 ug/l
RT: 1.98 min Scan# 147
Delta R.T. -0.11 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Tgt Ion: 56 Resp: 77

Ion	Ratio	Lower	Upper
56	100		
55	91.5	64.6	96.8



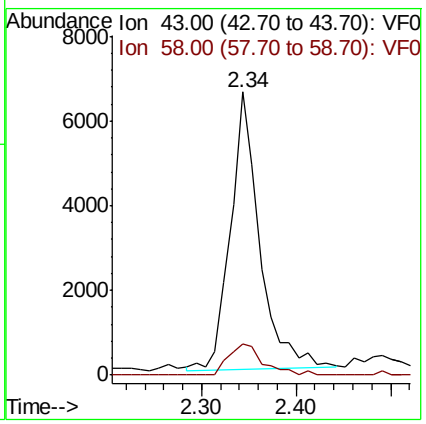


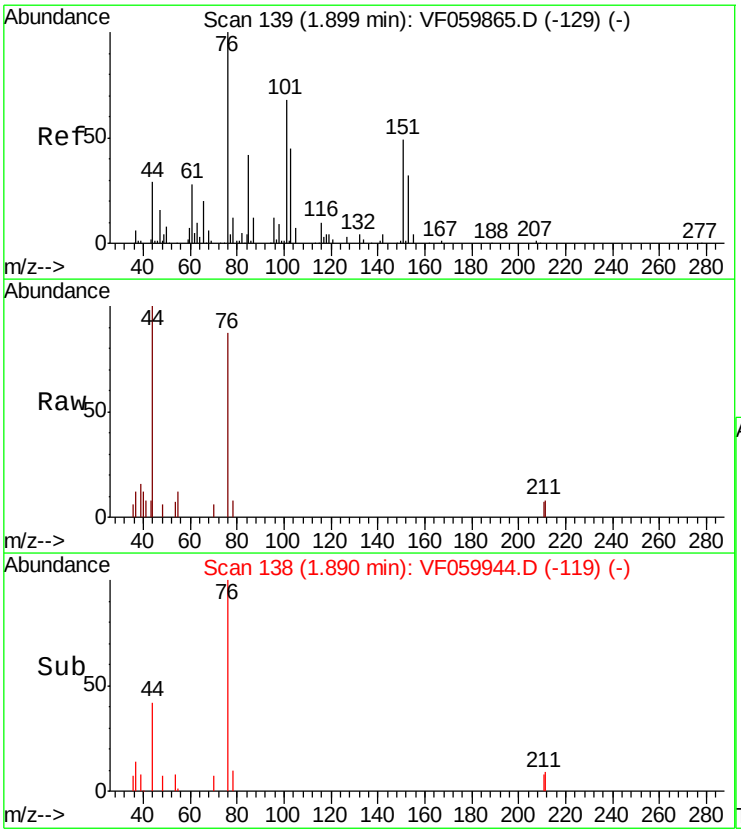
#16
Acetone
Concen: 36.982 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Instrument : MSVOA_F
ClientSampleId : S-2BRE

Tgt Ion: 43 Resp: 14014

Ion	Ratio	Lower	Upper
43	100		
58	11.1	9.4	14.0

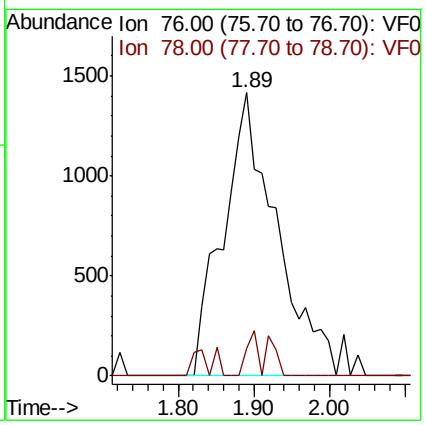


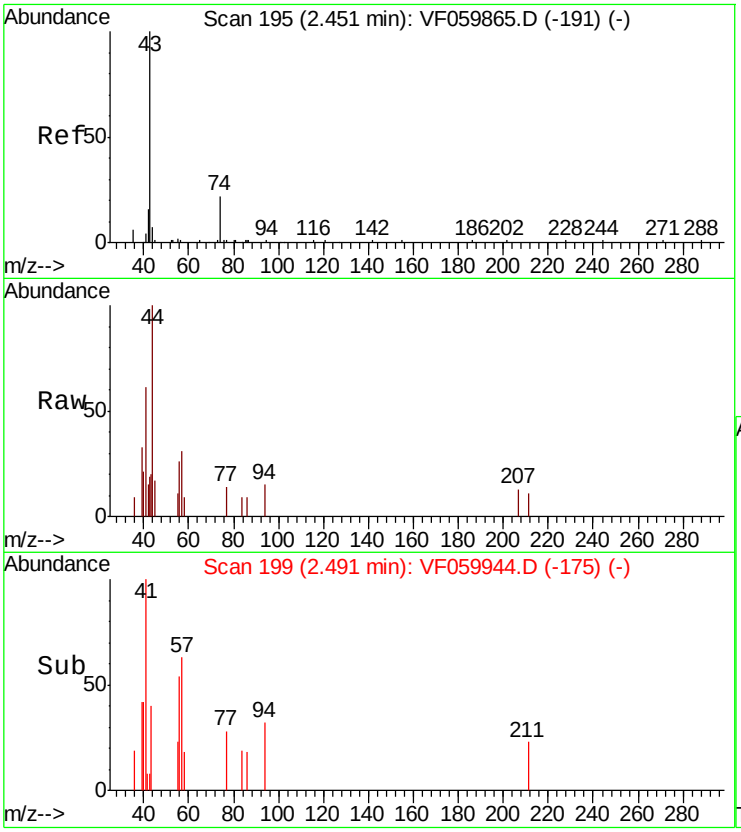


#17
Carbon Disulfide
Concen: 2.554 ug/l
RT: 1.89 min Scan# 138
Delta R.T. -0.01 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Tgt Ion: 76 Resp: 6934

Ion	Ratio	Lower	Upper
76	100		
78	9.5	9.3	13.9



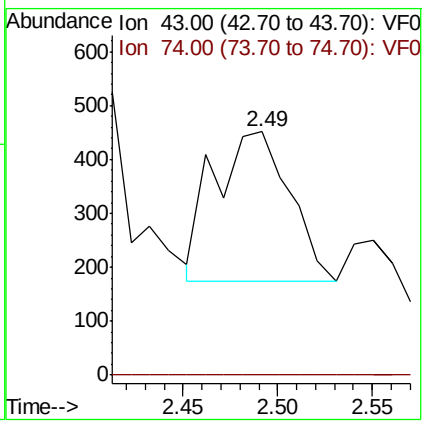


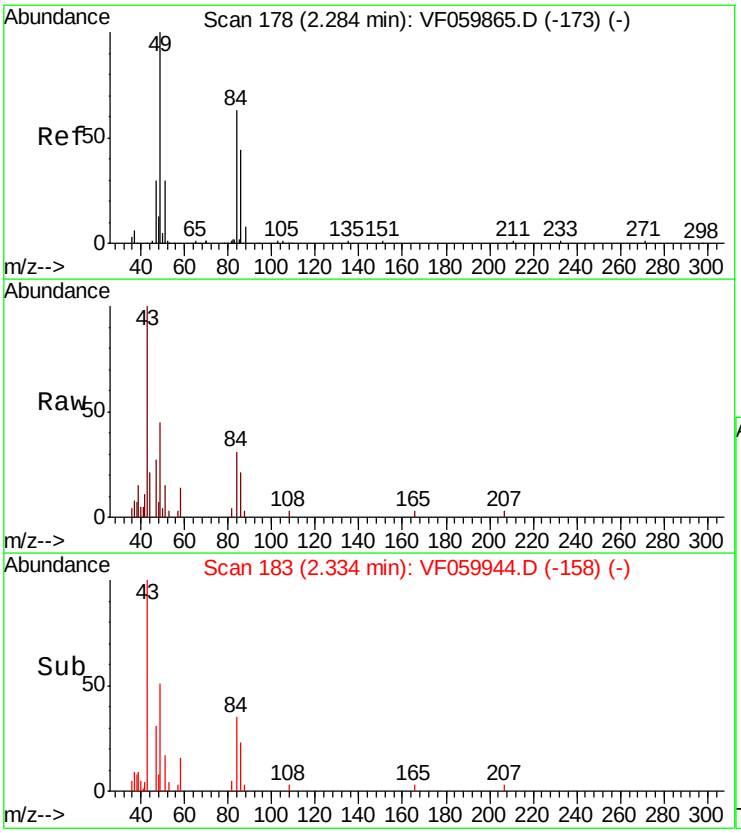
#18
Methyl Acetate
Concen: 1.209 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.04 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Instrument : MSVOA_F
ClientSampleId : S-2BRE

Tgt Ion: 43 Resp: 773

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#

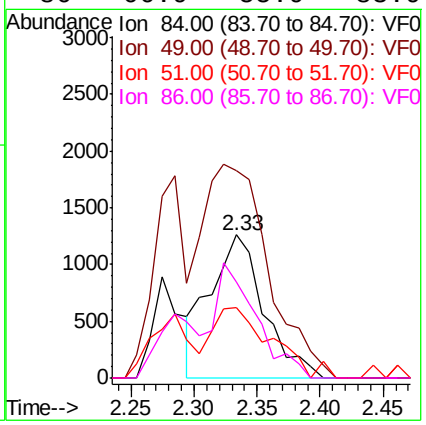


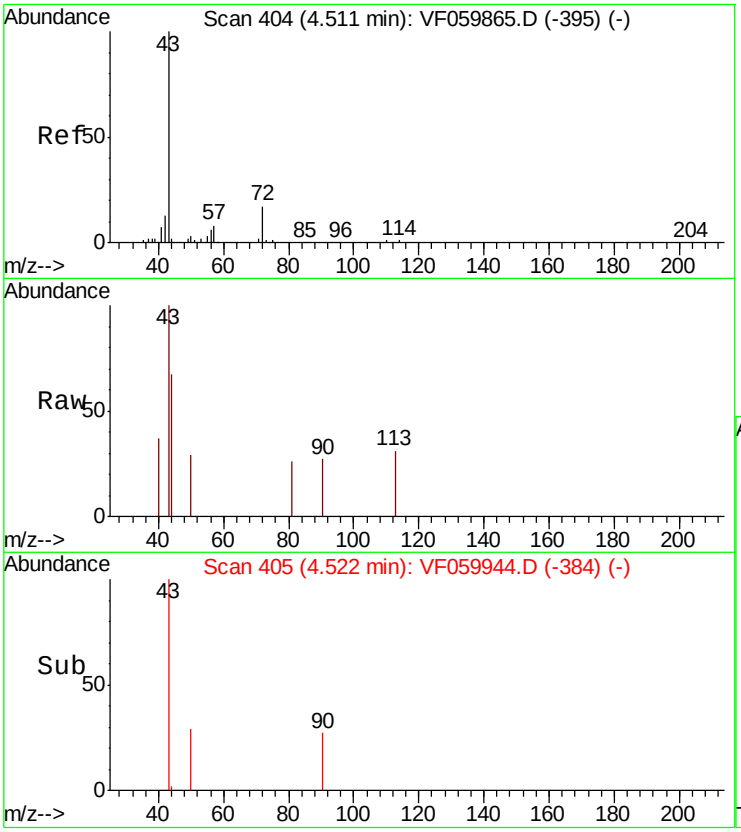


#20
Methylene Chloride
Concen: Below Cal
RT: 2.33 min Scan# 183
Delta R.T. 0.05 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Tgt Ion: 84 Resp: 3735

Ion	Ratio	Lower	Upper
84	100		
49	145.2	128.7	193.1
51	49.0	39.3	58.9
86	66.9	55.9	83.9



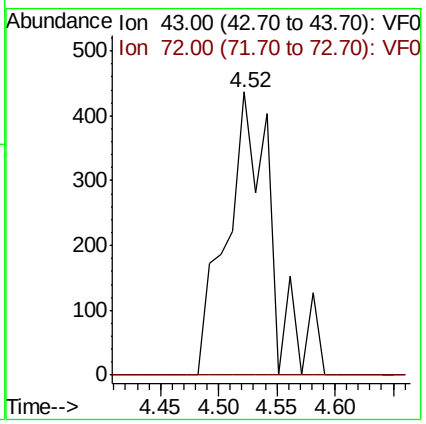


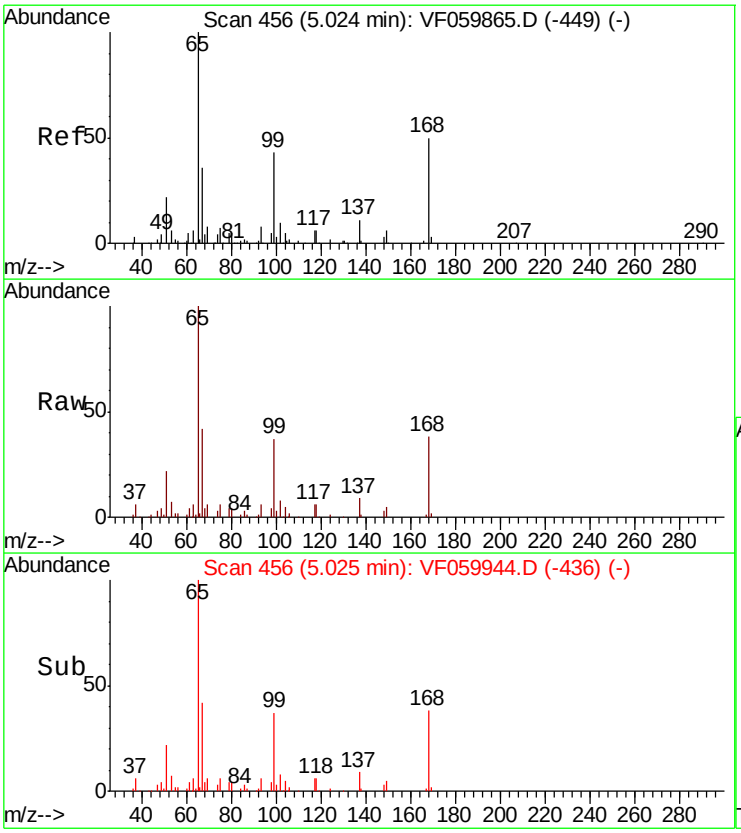
#25
2-Butanone
Concen: 2.847 ug/l
RT: 4.52 min Scan# 405
Delta R.T. 0.01 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Instrument :
MSVOA_F
ClientSampleId :
S-2BRE

Tgt Ion: 43 Resp: 1173

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.9	20.9#

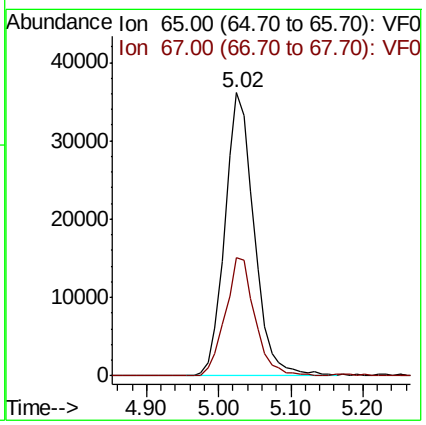


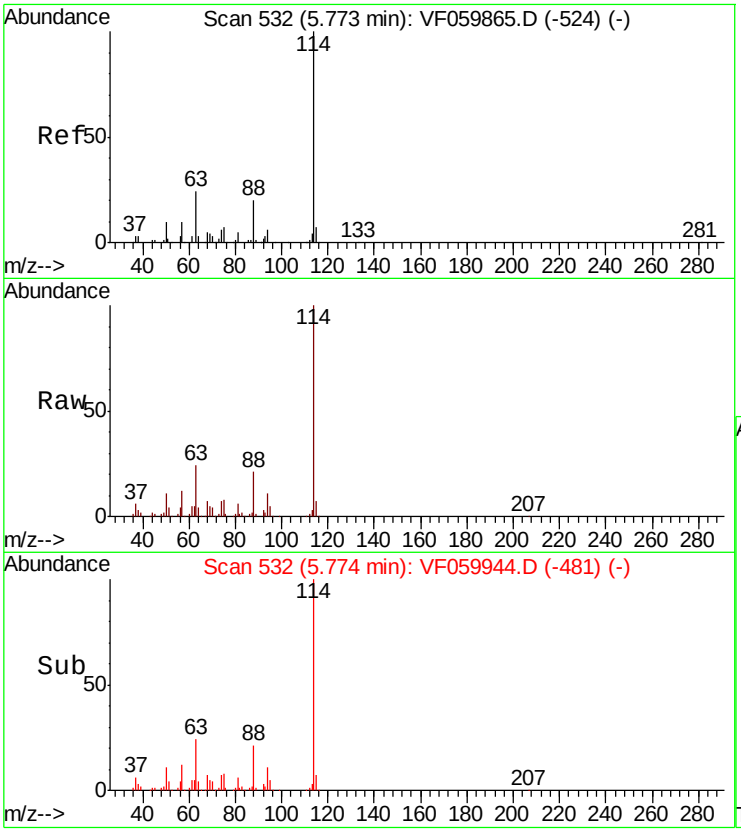


#33
1,2-Dichloroethane-d4
Concen: 49.711 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Tgt Ion: 65 Resp: 102040

Ion	Ratio	Lower	Upper
65	100		
67	41.8	0.0	77.2



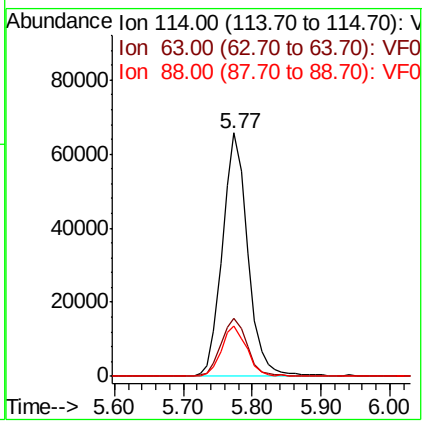


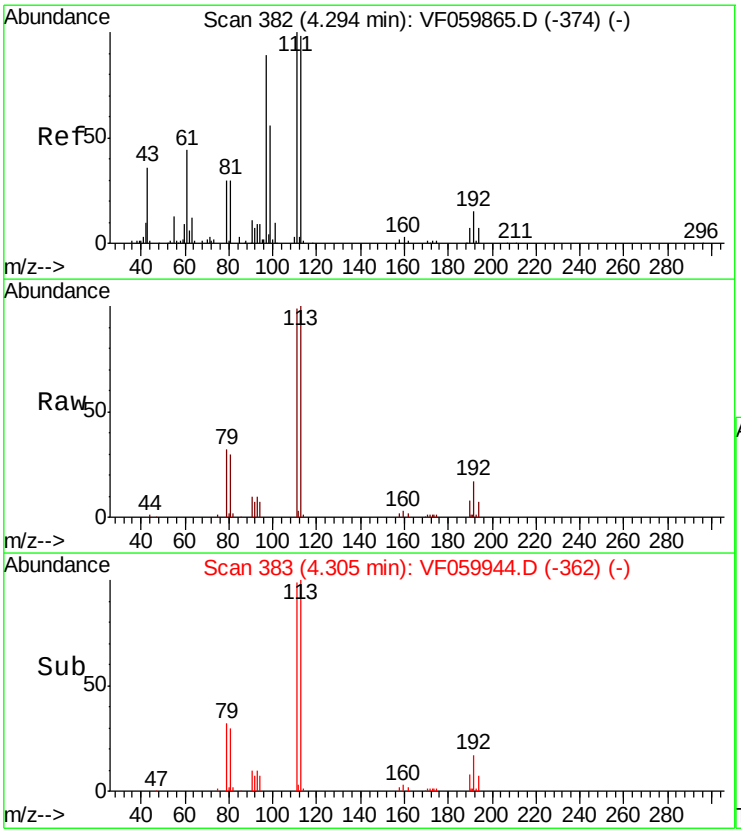
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Instrument :
MSVOA_F
ClientSampleId :
S-2BRE

Tgt Ion:114 Resp: 168164

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	48.0
88	20.9	0.0	39.4

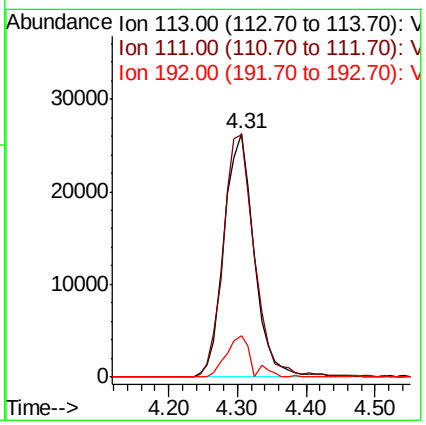


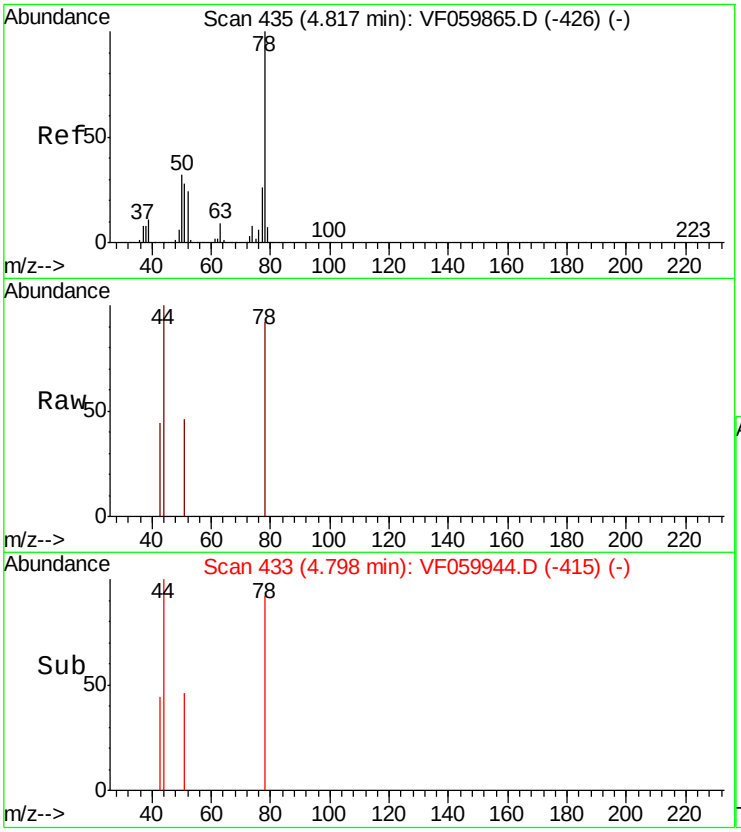


#35
Dibromofluoromethane
Concen: 47.922 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Tgt Ion:113 Resp: 80181

Ion	Ratio	Lower	Upper
113	100		
111	99.4	81.8	122.8
192	17.2	12.4	18.6



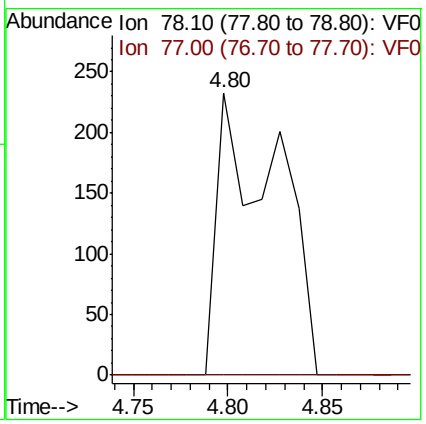


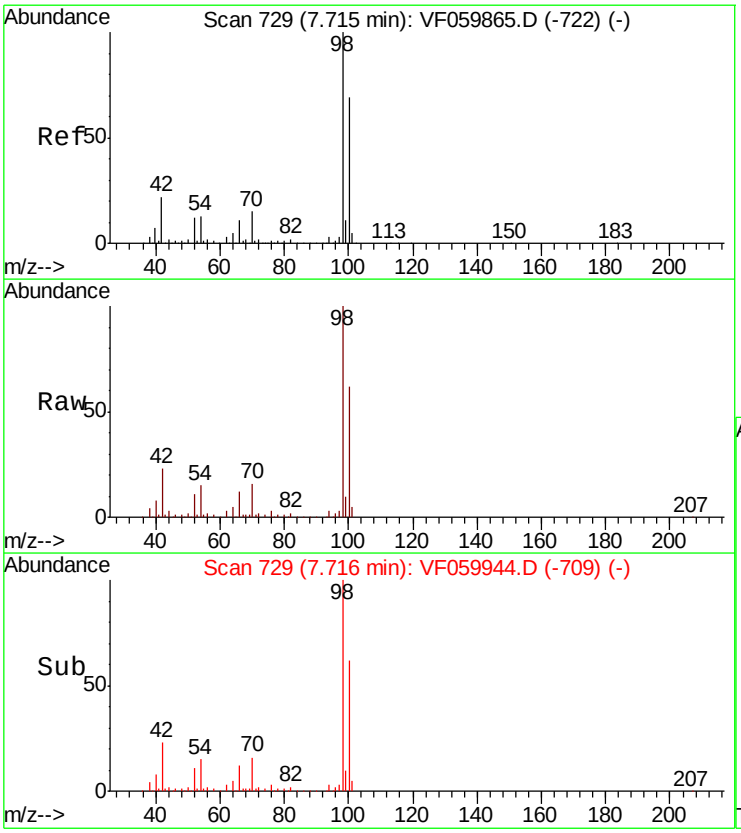
#40
Benzene
Concen: Below Cal
RT: 4.80 min Scan# 433
Delta R.T. -0.02 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Instrument :
MSVOA_F
ClientSampleId :
S-2BRE

Tgt Ion: 78 Resp: 507

Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.7	31.1#

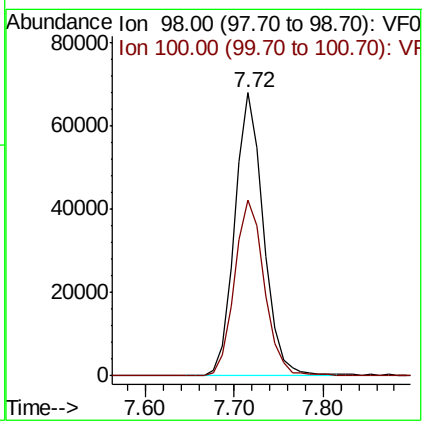


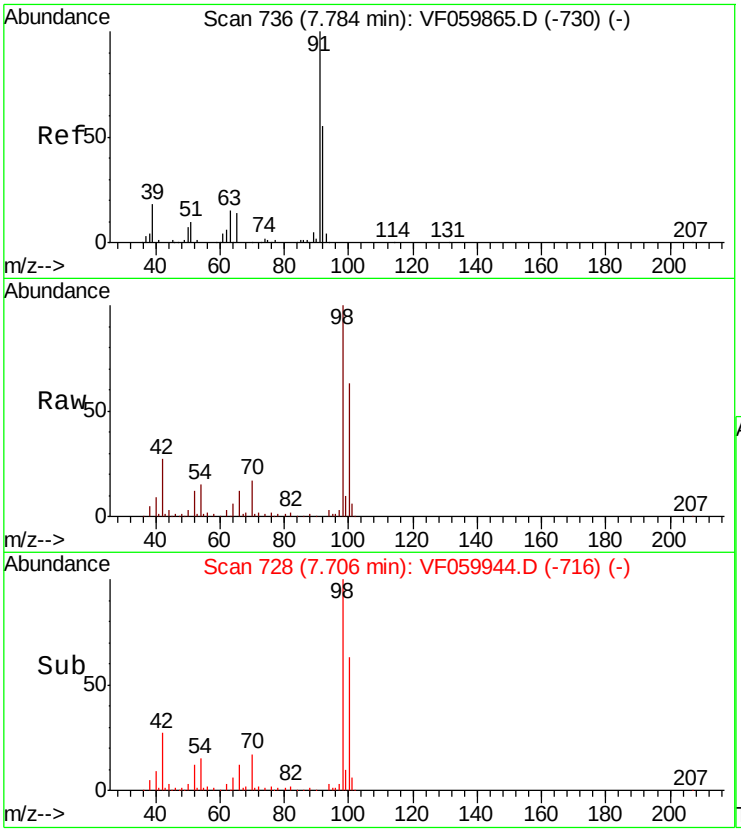


#50
Toluene-d8
Concen: 42.846 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Tgt Ion: 98 Resp: 152533

Ion	Ratio	Lower	Upper
98	100		
100	62.1	55.0	82.6



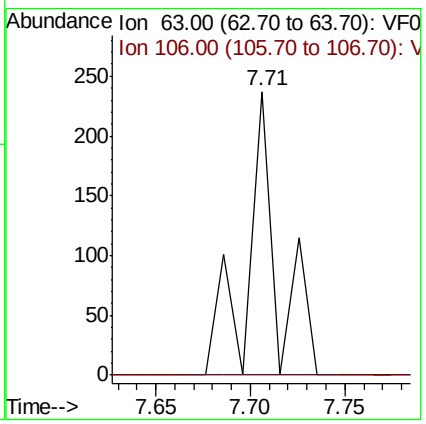


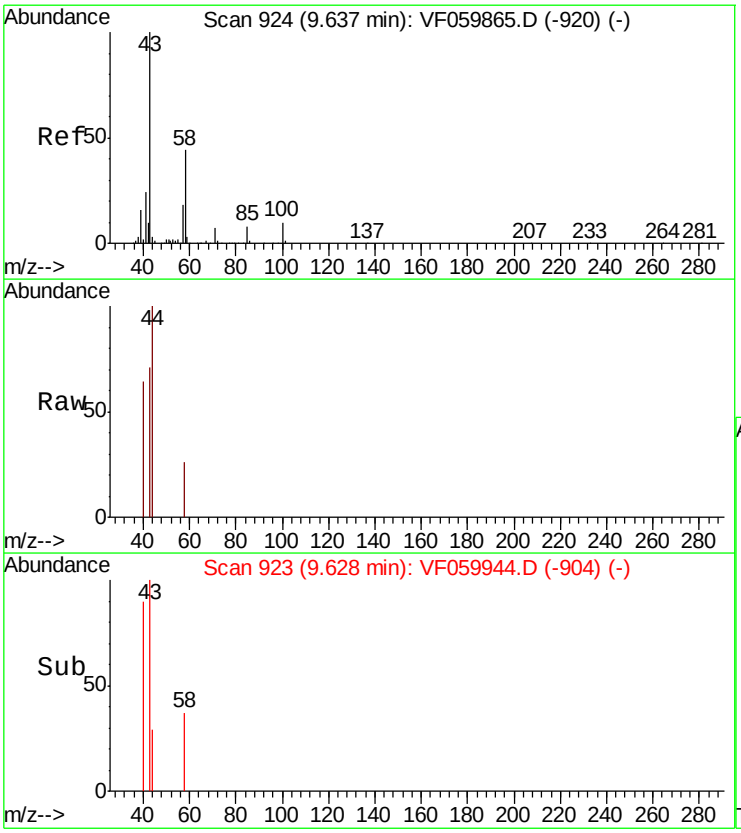
#58
2-Chloroethyl Vinyl ether
Concen: 2.291 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.08 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Instrument : MSVOA_F
ClientSampleId : S-2BRE

Tgt Ion: 63 Resp: 268

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

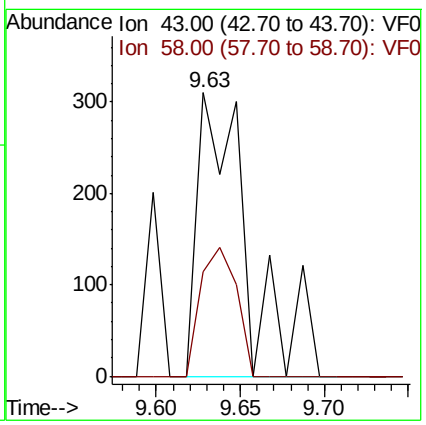


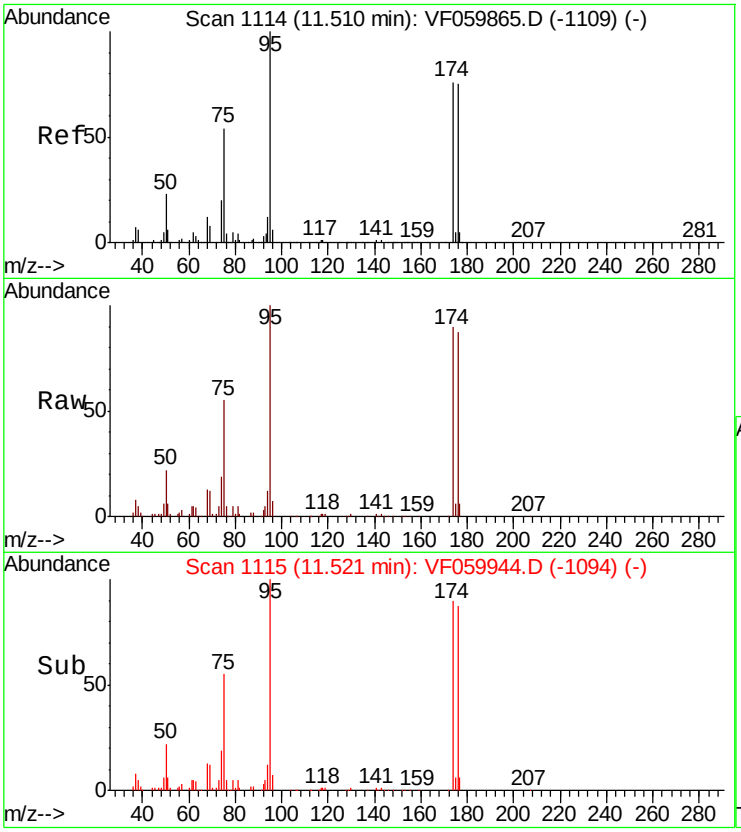


#59
2-Hexanone
Concen: 1.034 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.01 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Tgt Ion: 43 Resp: 642

Ion	Ratio	Lower	Upper
43	100		
58	36.8	20.8	62.2



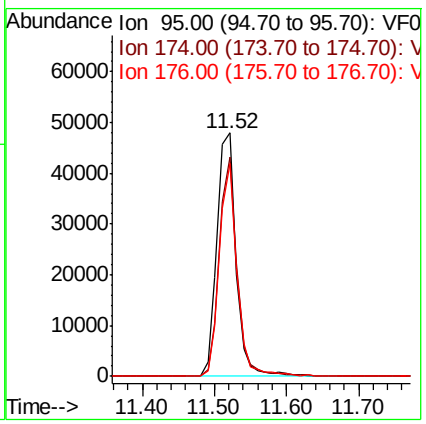


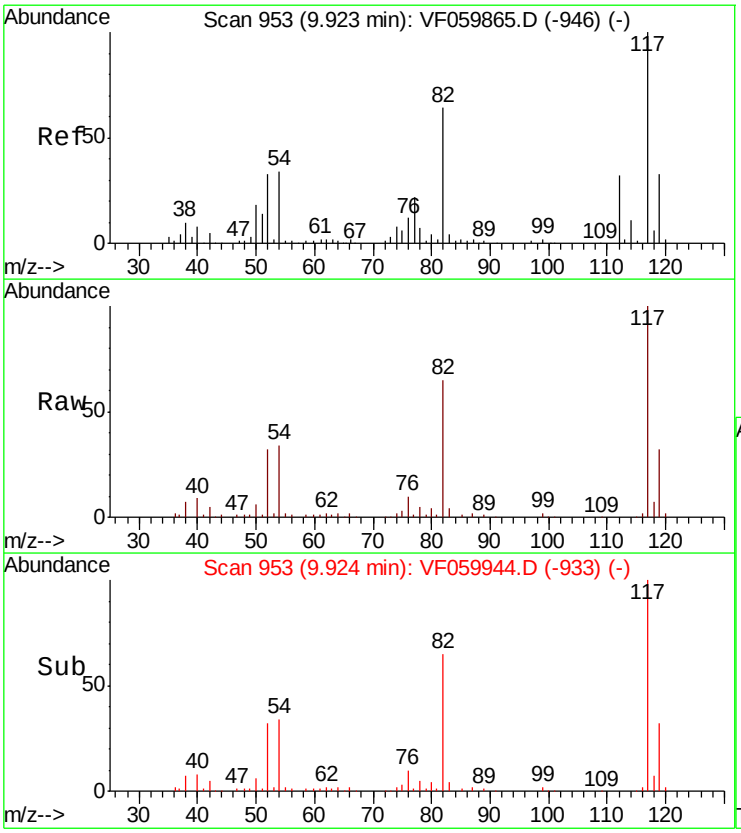
#62
4-Bromofluorobenzene
Concen: 43.999 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Instrument : MSVOA_F
ClientSampleId : S-2BRE

Tgt Ion: 95 Resp: 88018

Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	151.6
176	87.5	0.0	149.8

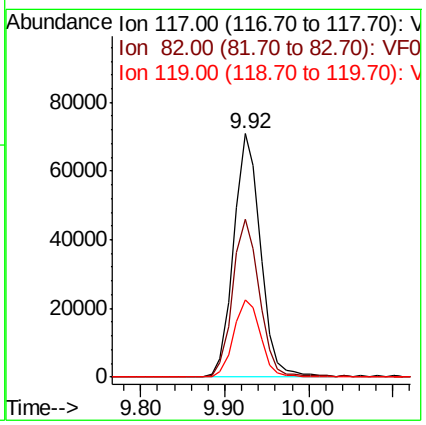


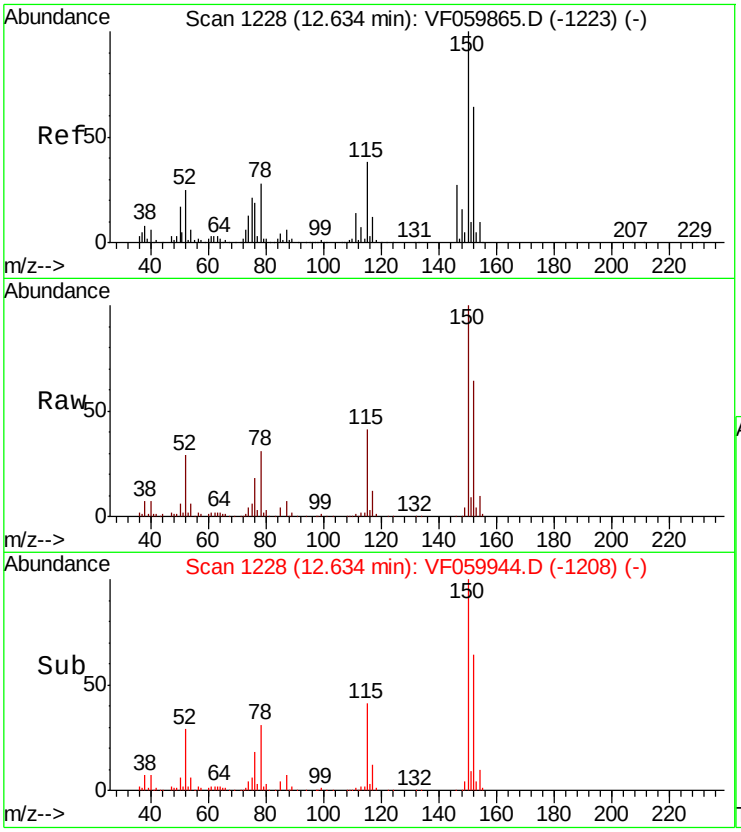


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Tgt Ion:117 Resp: 157491

Ion	Ratio	Lower	Upper
117	100		
82	64.6	51.3	76.9
119	31.7	26.4	39.6



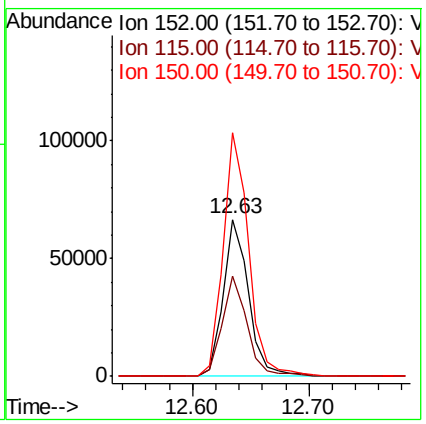


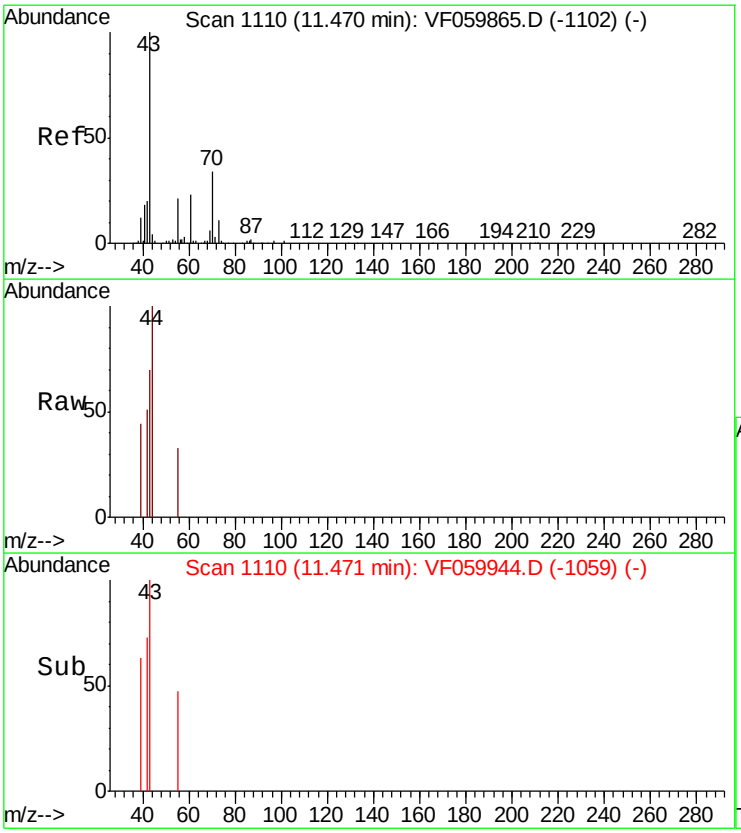
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Instrument : MSVOA_F
ClientSampleId : S-2BRE

Tgt Ion:152 Resp: 100519

Ion	Ratio	Lower	Upper
152	100		
115	63.6	29.8	89.4
150	155.5	0.0	315.6





#74
N-amyl acetate
Concen: 3.093 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VF059944.D
Acq: 10 Aug 2018 15:01

Tgt Ion: 43 Resp: 220

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.5	41.3#
55	47.4	16.6	25.0#
61	0.0	18.2	27.4#