Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059946.D
Acq On : 10 Aug 2018 15:56
Operator : VA/AP
Sample : J4388-06RE
Misc : 6.35g/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S-3BRE

Quant Time: Aug 10 23:04:32 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	116788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	156409	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	147760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	98612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	89412	42.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.94%			
35) Dibromofluoromethane	4.30	113	78599	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.02%			
50) Toluene-d8	7.72	98	152729	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.26%			
62) 4-Bromofluorobenzene	11.51	95	83277	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.52%			
Target Compounds						Qvalue
13) Acrolein	2.02	56	162	3.183	ug/l #	9
16) Acetone	2.34	43	10029	25.802	ug/l	96
20) Methylene Chloride	2.28	84	1484	Below Cal	#	84
25) 2-Butanone	4.53	43	729	1.725	ug/l #	60
39) Methylcyclohexane	5.76	83	1590	1.172	ug/l #	26
40) Benzene	4.82	78	419	Below Cal	#	49
58) 2-Chloroethyl Vinyl ether	7.70	63	390	3.584	ug/l	100
59) 2-Hexanone	9.64	43	660	1.142	ug/l #	34
74) N-amyl acetate	11.45	43	84	3.011	ug/l #	28

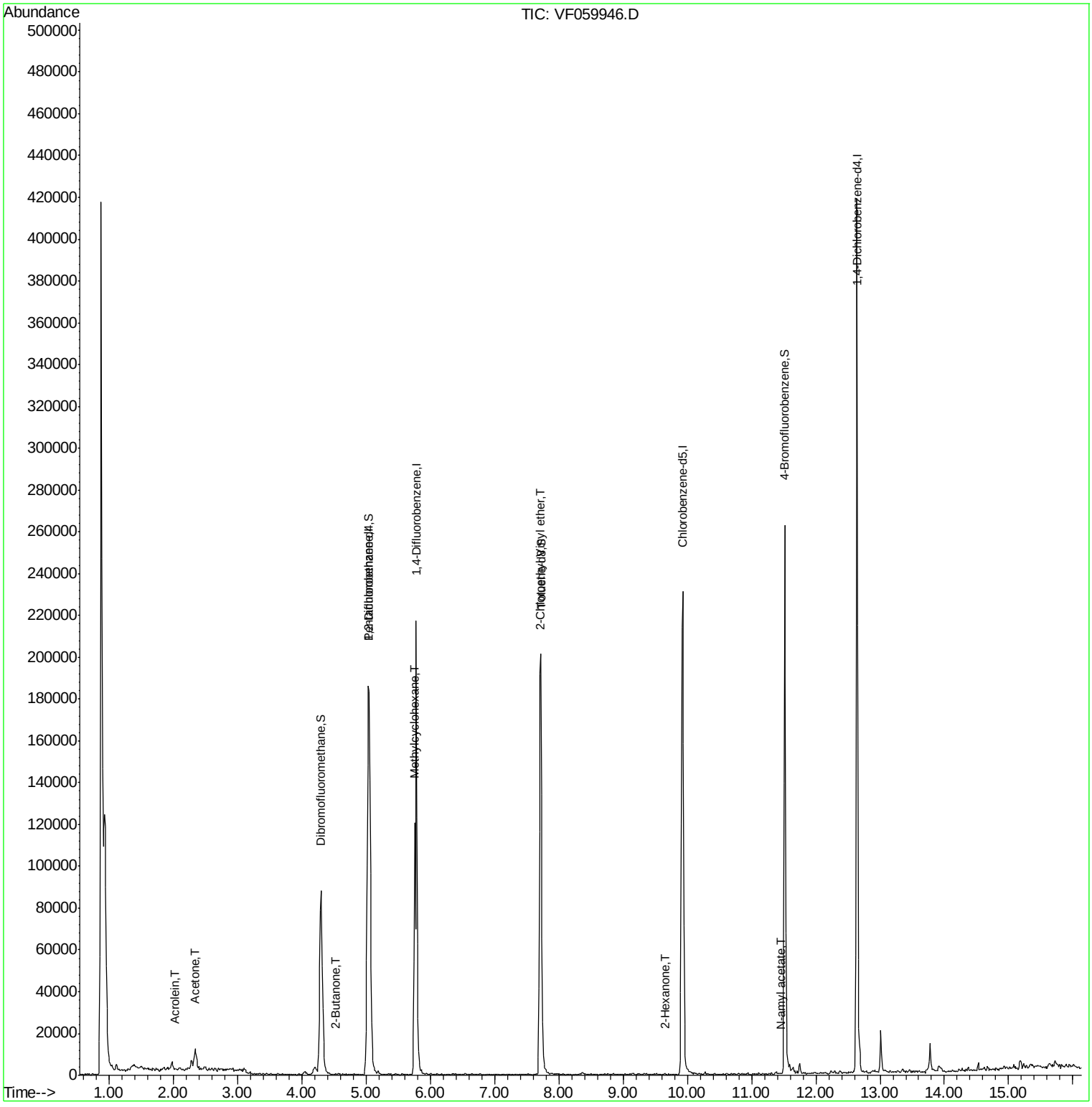
(#) = qualifier out of range (m) = manual integration (+) = signals summed

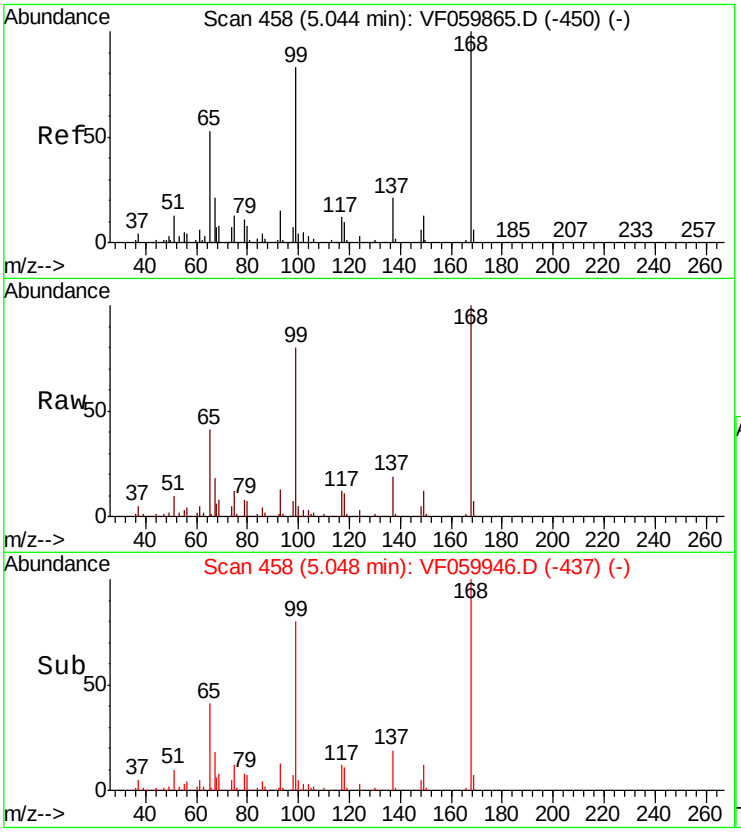
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059946.D
Acq On : 10 Aug 2018 15:56
Operator : VA/AP
Sample : J4388-06RE
Misc : 6.35g/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S-3BRE

Quant Time: Aug 10 23:04:32 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



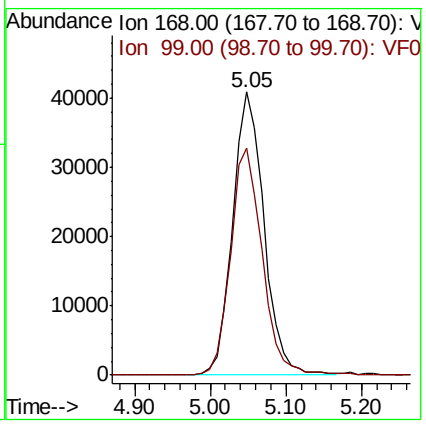


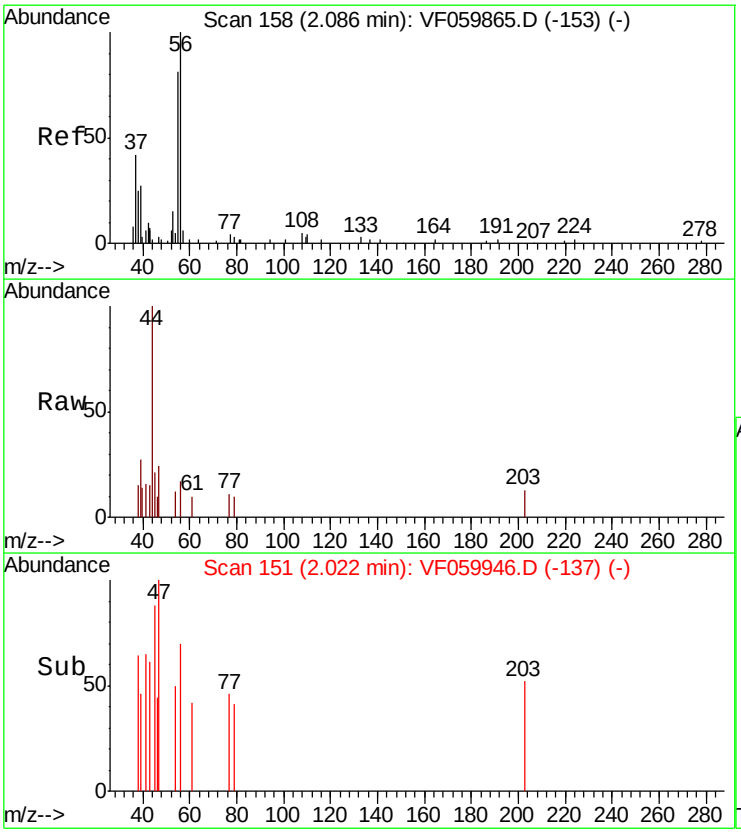
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.00 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :
S-3BRE

Tgt Ion:168 Resp: 116788

Ion	Ratio	Lower	Upper
168	100		
99	80.0	66.3	99.5

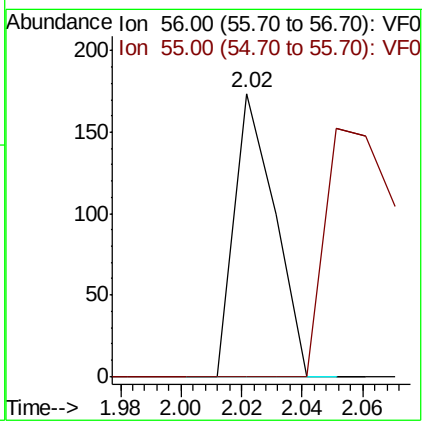


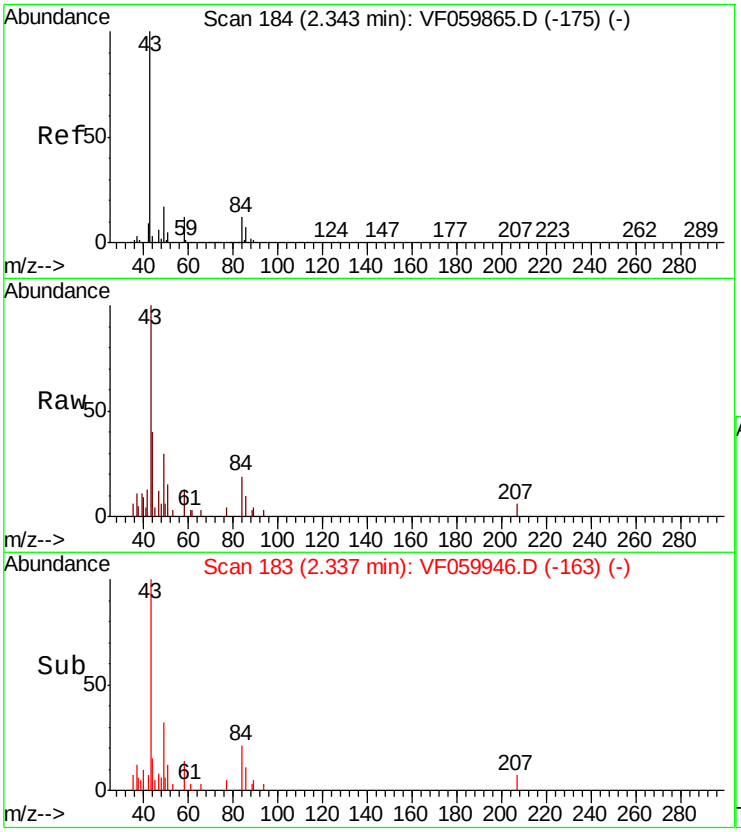


#13
Acrolein
Concen: 3.183 ug/l
RT: 2.02 min Scan# 151
Delta R.T. -0.06 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Tgt Ion: 56 Resp: 162

Ion	Ratio	Lower	Upper
56	100		
55	0.0	64.6	96.8#



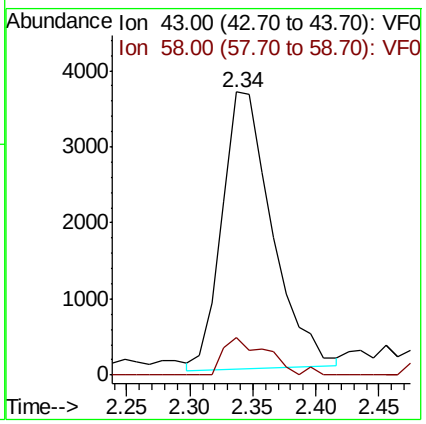


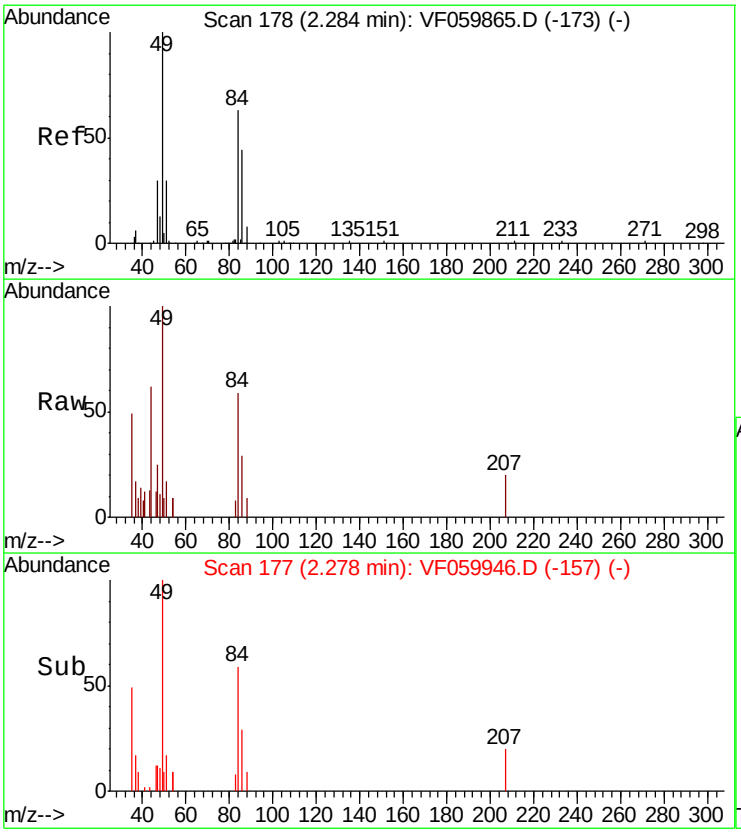
#16
Acetone
Concen: 25.802 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Instrument : MSVOA_F
ClientSampleId : S-3BRE

Tgt Ion: 43 Resp: 10029

Ion	Ratio	Lower	Upper
43	100		
58	13.3	9.4	14.0

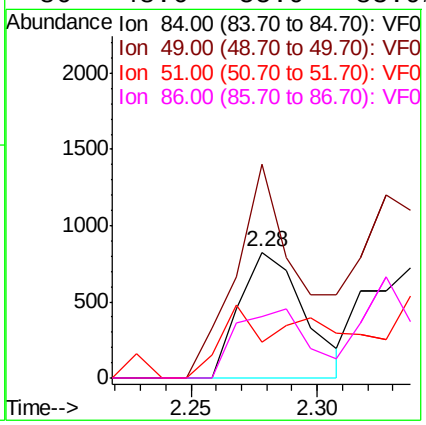


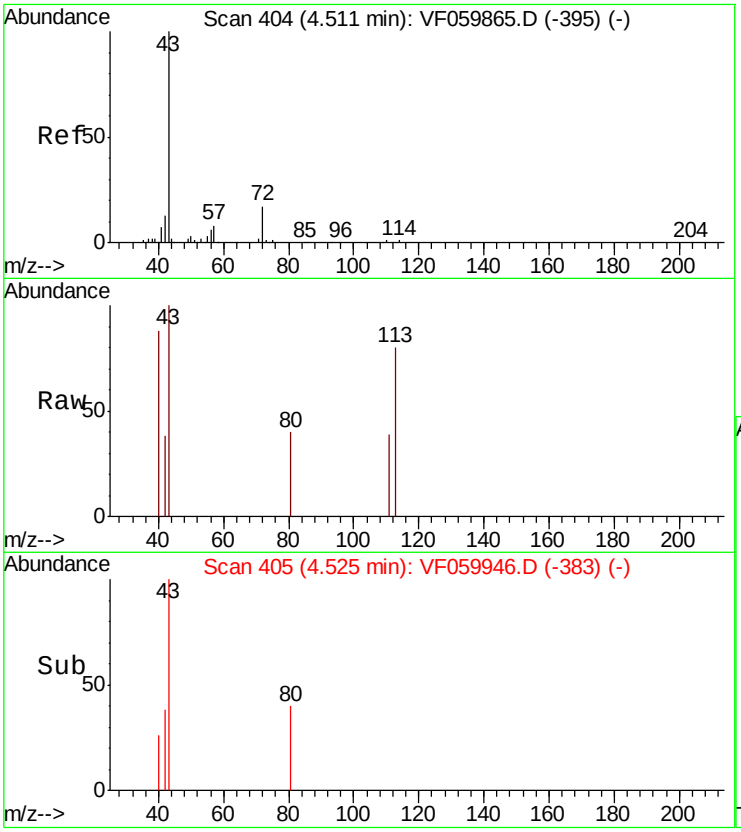


#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Tgt Ion: 84 Resp: 1484

Ion	Ratio	Lower	Upper
84	100		
49	169.9	128.7	193.1
51	28.4	39.3	58.9#
86	48.6	55.9	83.9#



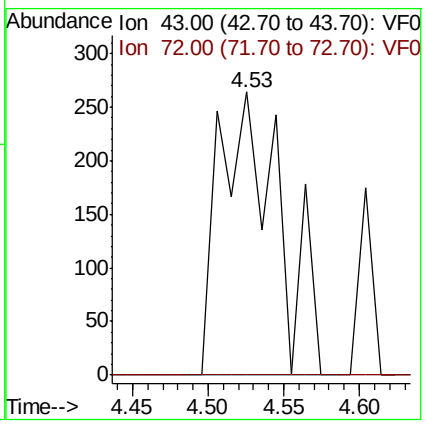


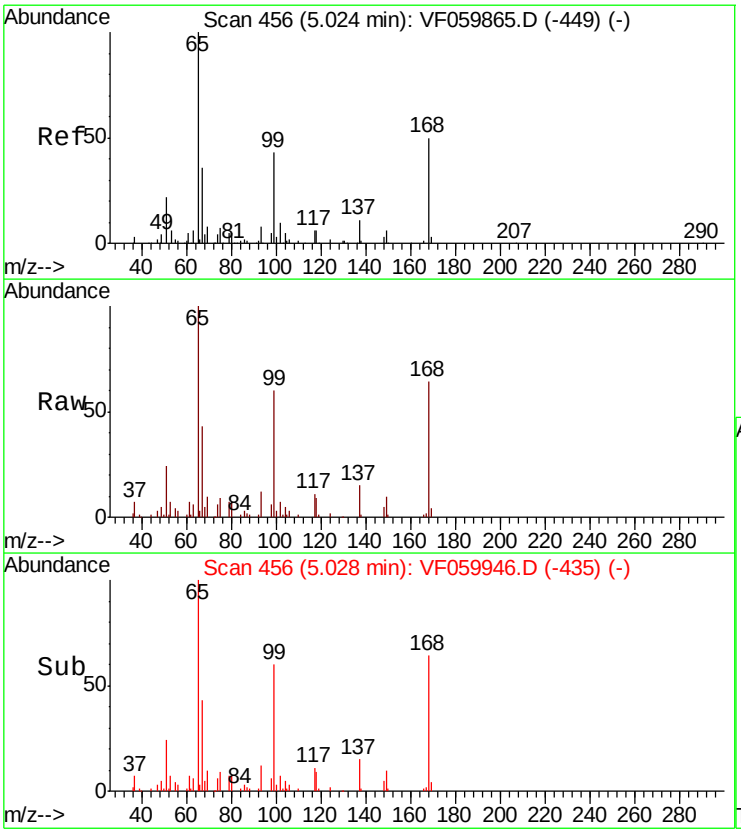
#25
2-Butanone
Concen: 1.725 ug/l
RT: 4.53 min Scan# 405
Delta R.T. 0.01 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :
S-3BRE

Tgt Ion: 43 Resp: 729

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.9	20.9#

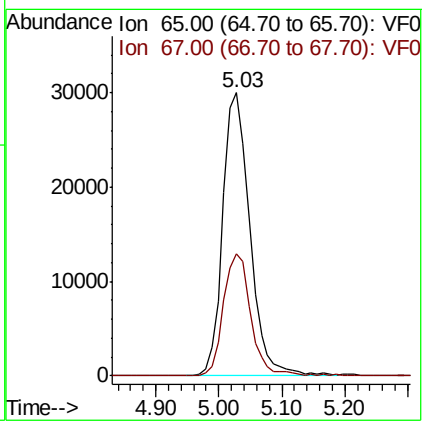


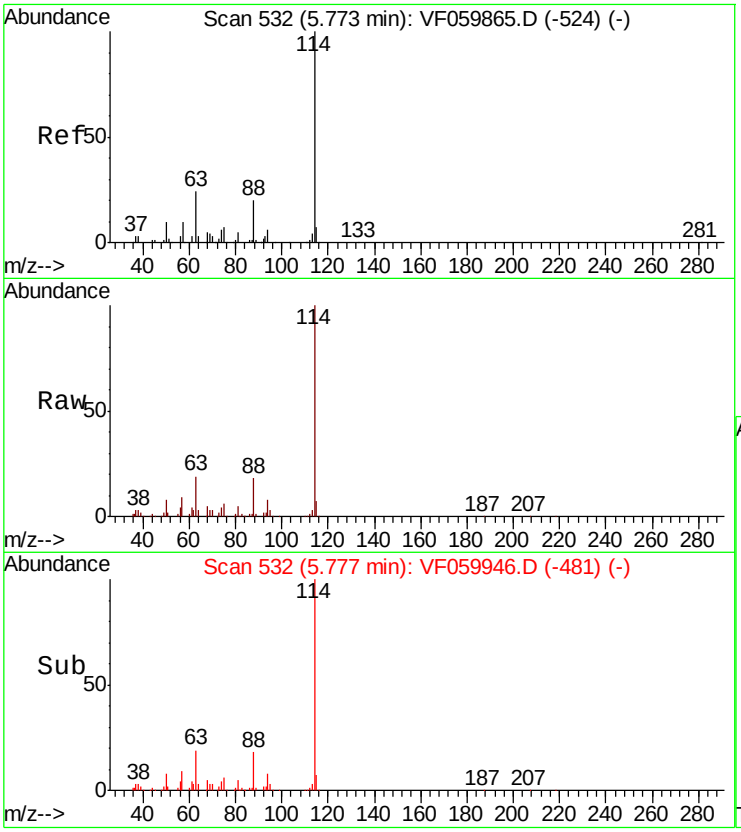


#33
1,2-Dichloroethane-d4
Concen: 42.466 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Tgt Ion: 65 Resp: 89412

Ion	Ratio	Lower	Upper
65	100		
67	42.9	0.0	77.2



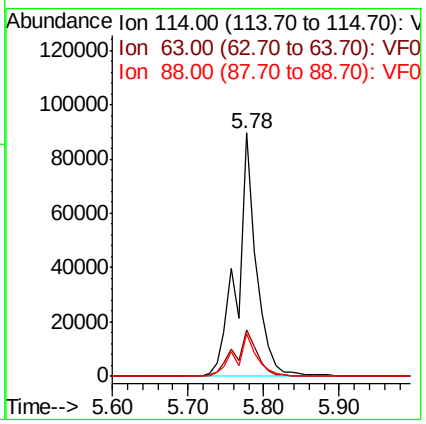


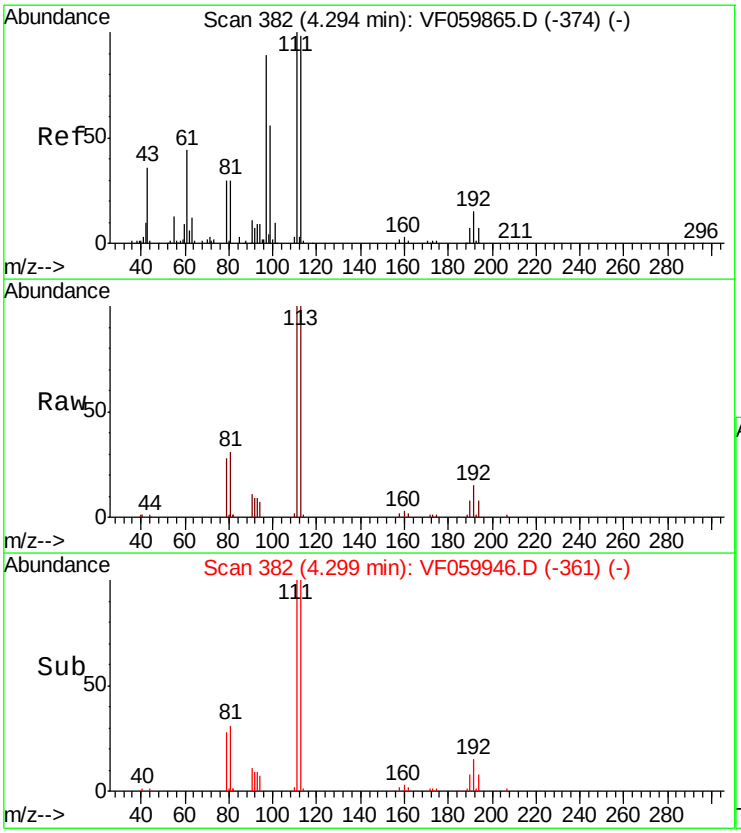
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :
S-3BRE

Tgt Ion:114 Resp: 156409

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	48.0
88	17.6	0.0	39.4

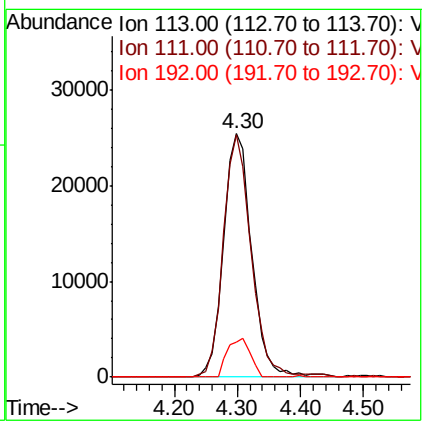


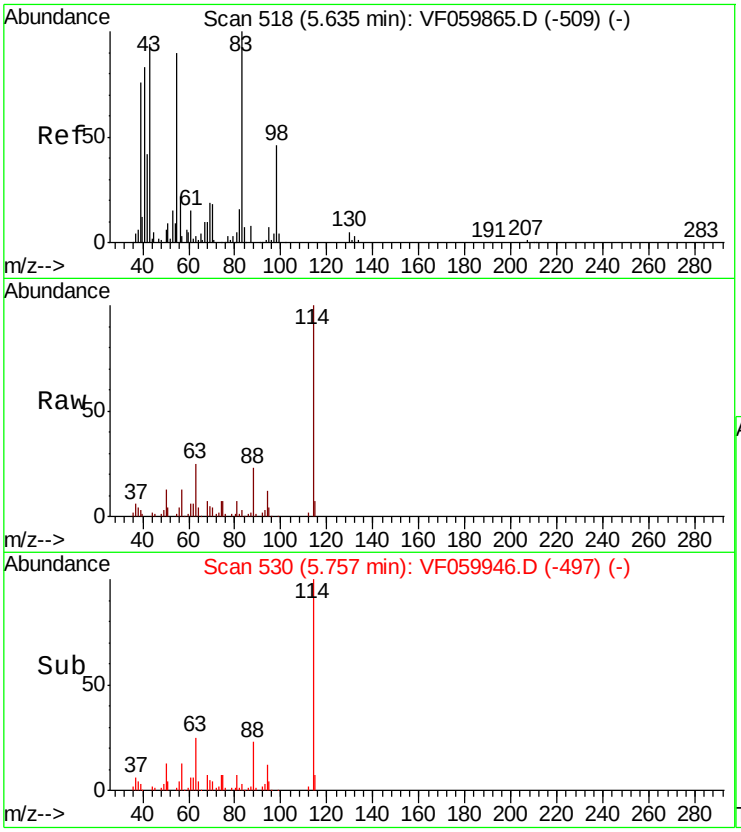


#35
Dibromofluoromethane
Concen: 50.507 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Tgt Ion:113 Resp: 78599

Ion	Ratio	Lower	Upper
113	100		
111	99.7	81.8	122.8
192	14.6	12.4	18.6



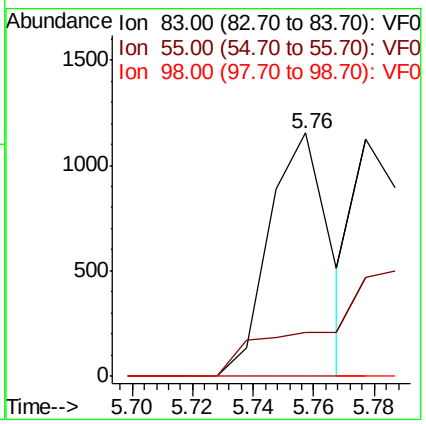


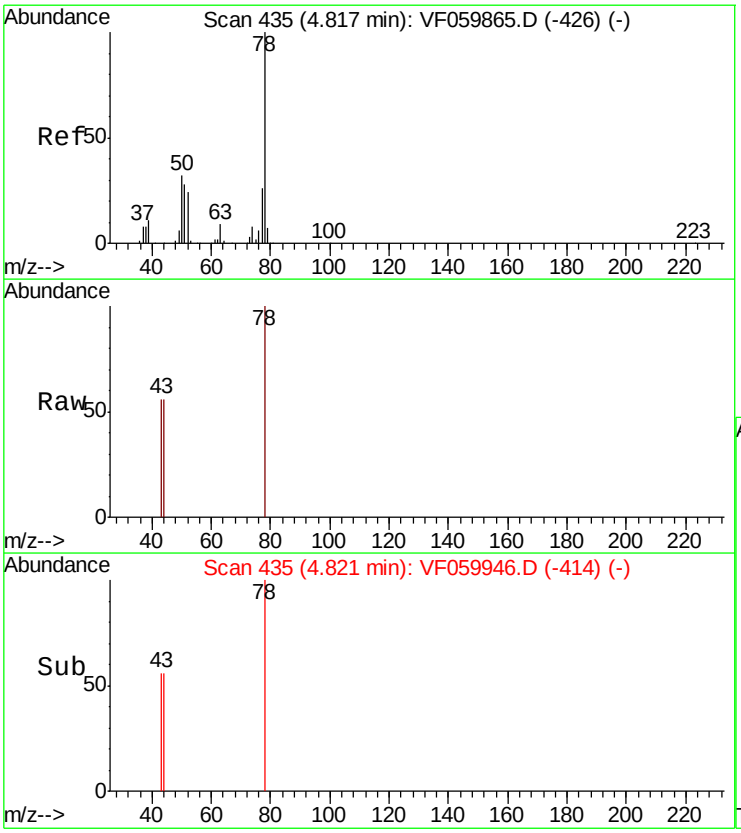
#39
Methylcyclohexane
Concen: 1.172 ug/l
RT: 5.76 min Scan# 530
Delta R.T. 0.12 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :
S-3BRE

Tgt Ion: 83 Resp: 1590

Ion	Ratio	Lower	Upper
83	100		
55	18.1	72.0	108.0#
98	0.0	36.6	54.8#

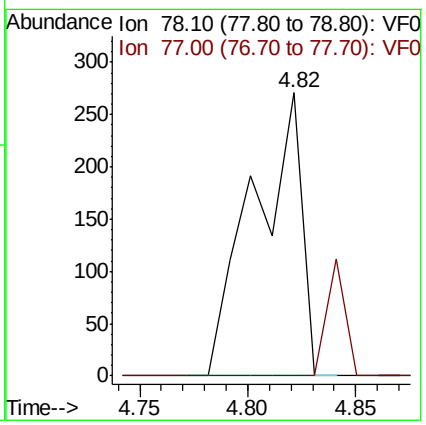


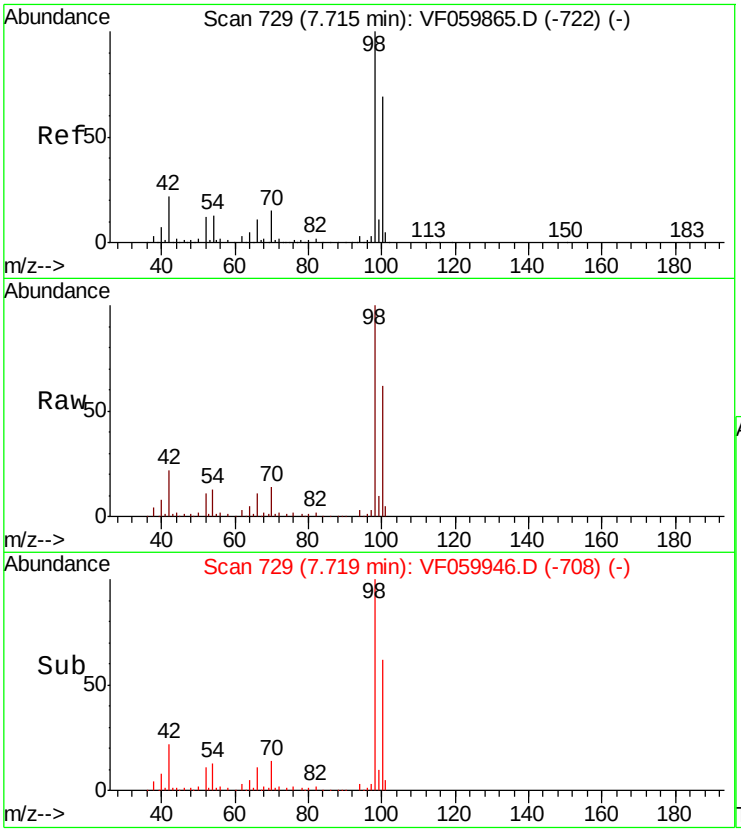


#40
Benzene
Concen: Below Cal
RT: 4.82 min Scan# 435
Delta R.T. 0.01 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Tgt Ion: 78 Resp: 419

Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.7	31.1#



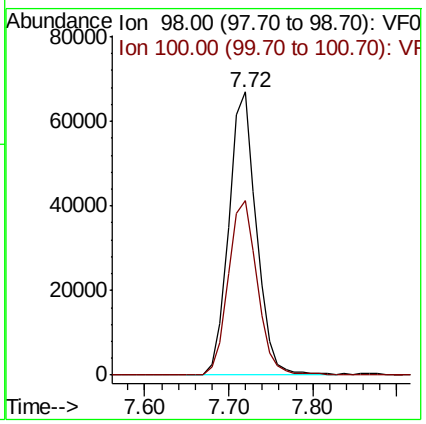


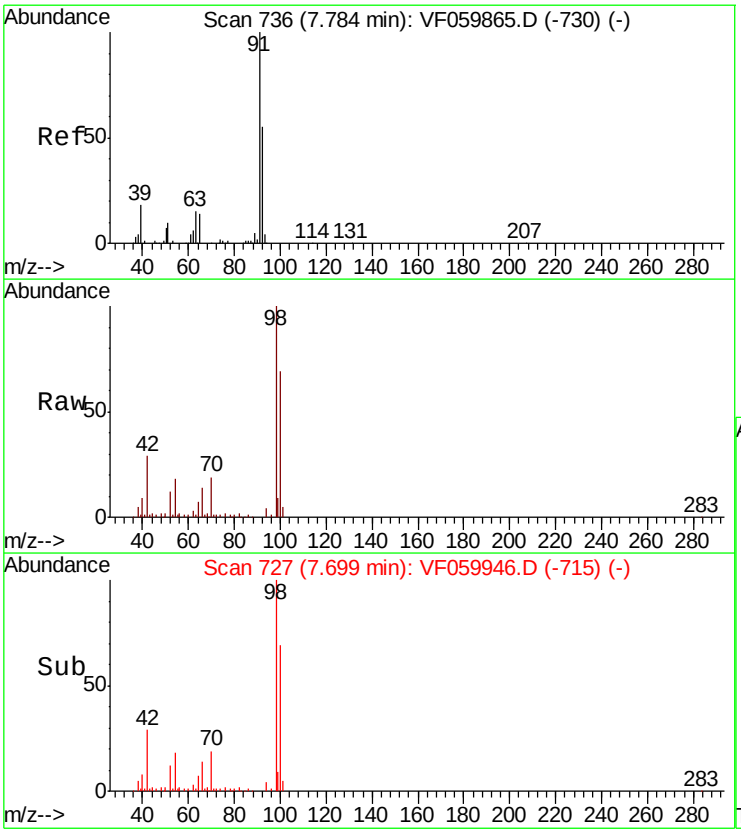
#50
Toluene-d8
Concen: 46.126 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :
S-3BRE

Tgt Ion: 98 Resp: 152729

Ion	Ratio	Lower	Upper
98	100		
100	61.9	55.0	82.6

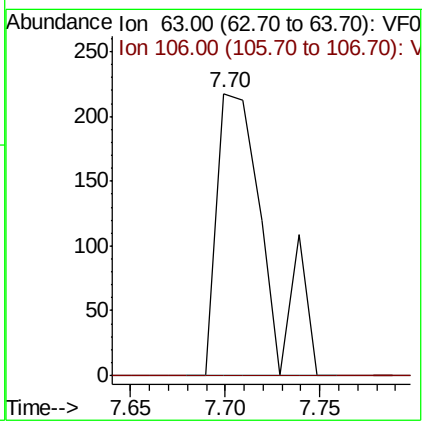


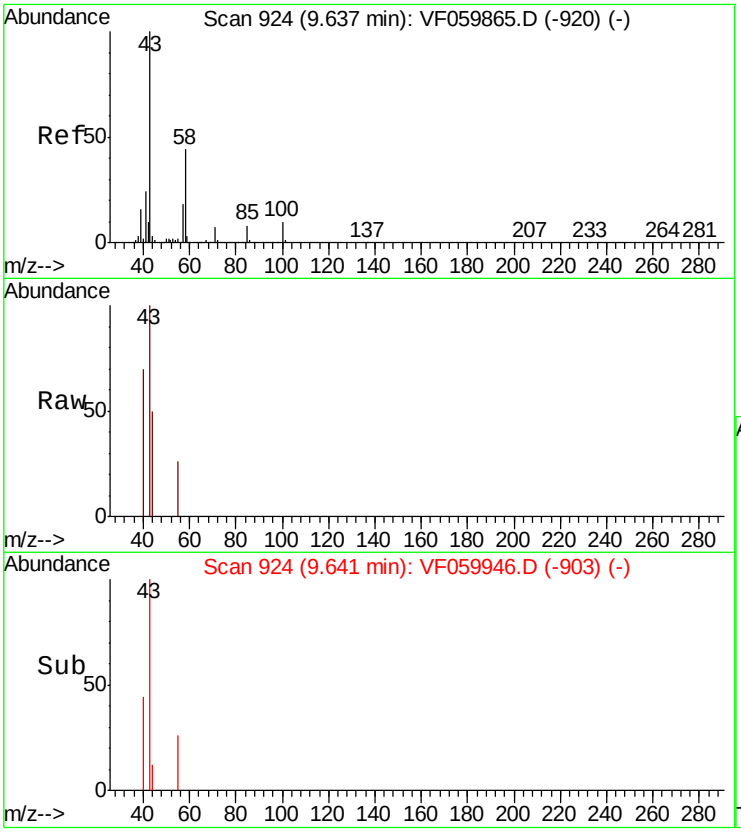


#58
2-Chloroethyl Vinyl ether
Concen: 3.584 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.08 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Tgt Ion: 63 Resp: 390

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



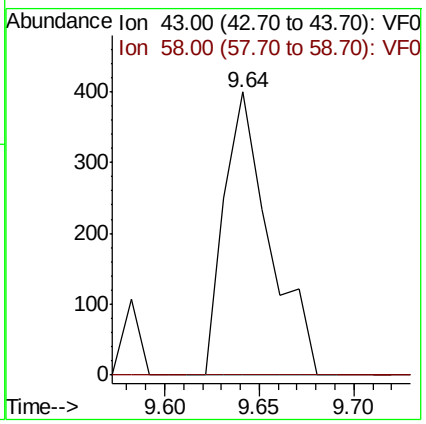


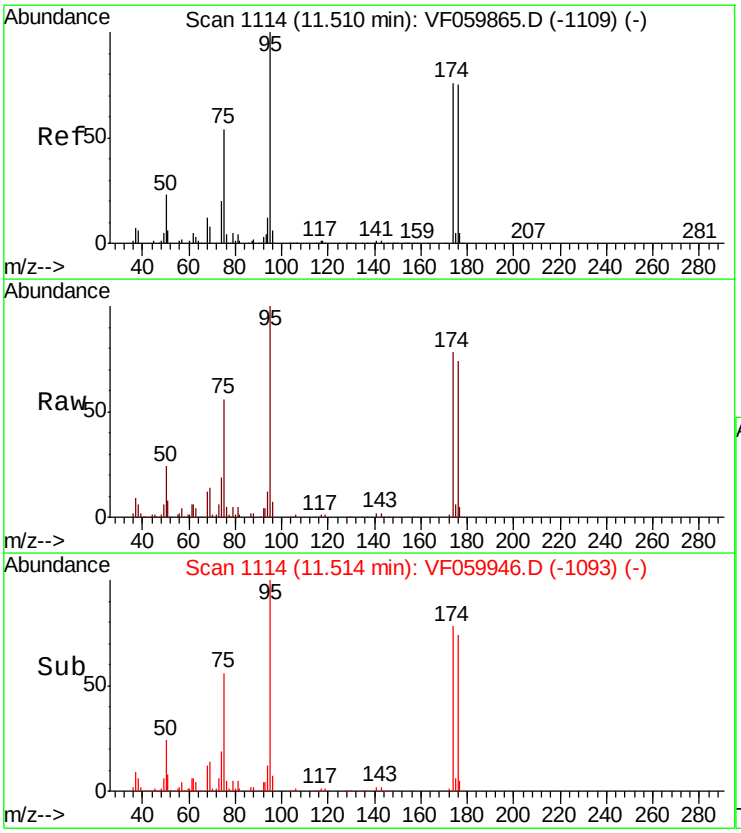
#59
2-Hexanone
Concen: 1.142 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.00 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Instrument : MSVOA_F
ClientSampleId : S-3BRE

Tgt Ion: 43 Resp: 660

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.8	62.2#

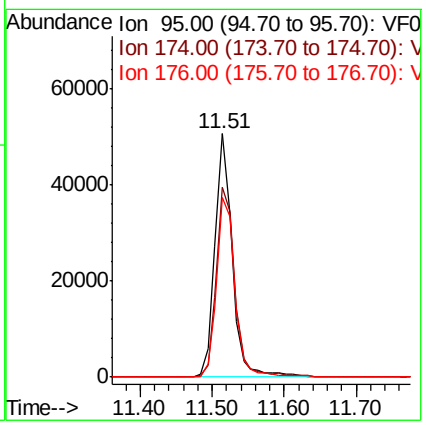


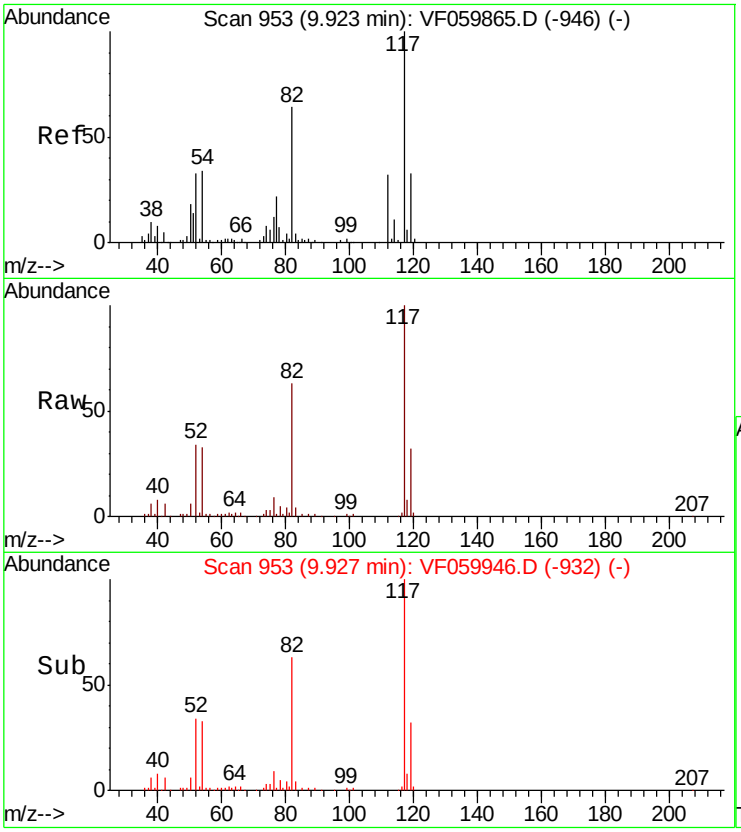


#62
4-Bromofluorobenzene
Concen: 44.758 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Tgt Ion: 95 Resp: 83277

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	151.6
176	73.9	0.0	149.8



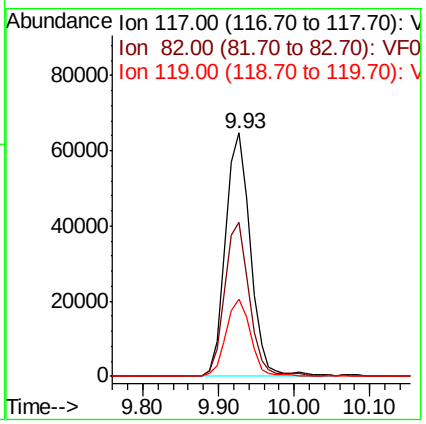


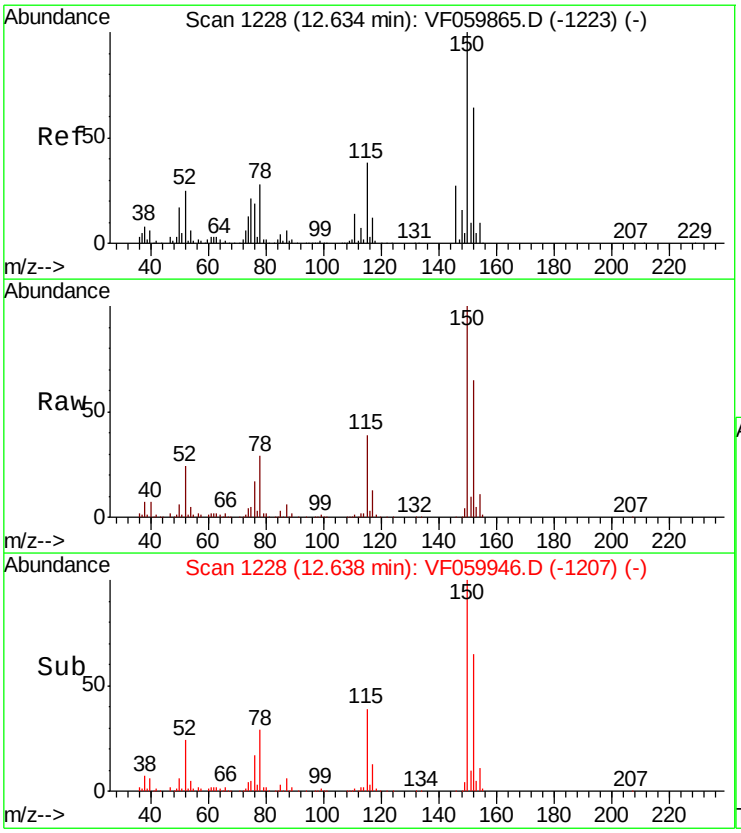
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Instrument : MSVOA_F
ClientSampleId : S-3BRE

Tgt Ion:117 Resp: 147760

Ion	Ratio	Lower	Upper
117	100		
82	63.1	51.3	76.9
119	31.5	26.4	39.6

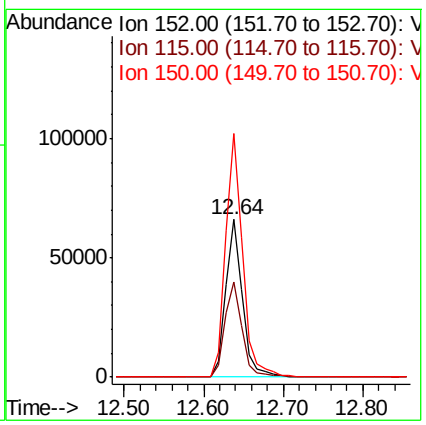


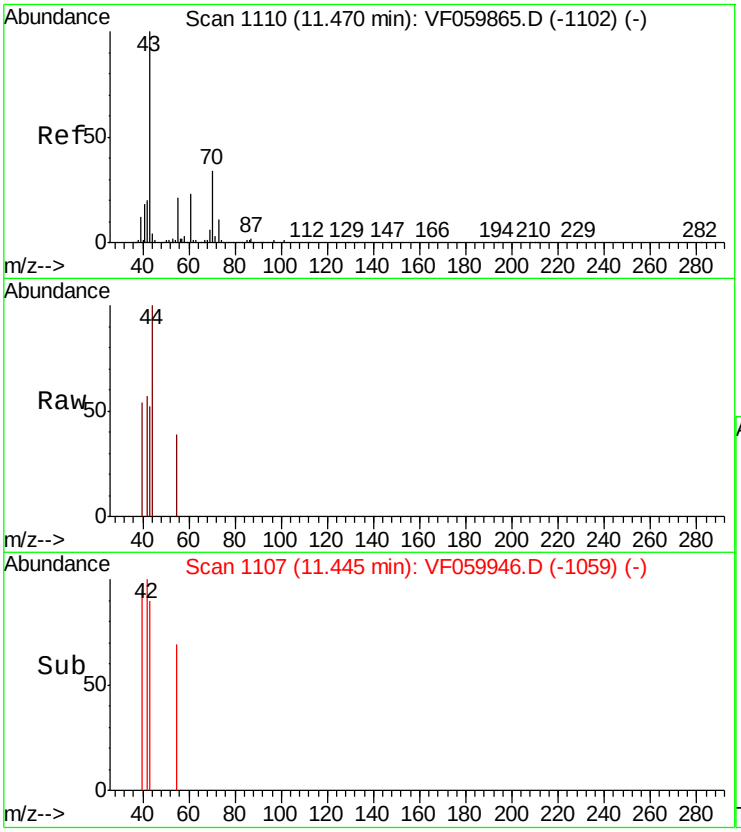


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Tgt Ion:152 Resp: 98612

Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.8	89.4
150	154.3	0.0	315.6





#74
N-amyl acetate
Concen: 3.011 ug/l
RT: 11.45 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VF059946.D
Acq: 10 Aug 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :
S-3BRE

Tgt Ion: 43 Resp: 84

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.5	41.3#
55	76.1	16.6	25.0#
61	0.0	18.2	27.4#