Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061917.D
Acq On : 12 Mar 2019 20:59
Operator : VA/AP
Sample : K1866-13
Misc : 5.87g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : MR-MH-13-COMP

Quant Time: Mar 13 02:09:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	272912	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	428730	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	359523	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	212504	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	116433	58.58	ug/l	-0.03
Spiked Amount 50.000			Recovery = 117.16%			
35) Dibromofluoromethane	4.09	113	159561	53.33	ug/l	-0.03
Spiked Amount 50.000			Recovery = 106.66%			
50) Toluene-d8	7.54	98	421348	47.38	ug/l	-0.03
Spiked Amount 50.000			Recovery = 94.76%			
62) 4-Bromofluorobenzene	11.40	95	183069	52.55	ug/l	-0.02
Spiked Amount 50.000			Recovery = 105.10%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.55	59	260	2.305	ug/l #	6
13) Acrolein	2.02	56	470	3.288	ug/l #	47
16) Acetone	2.22	43	10477	25.166	ug/l	98
18) Methyl Acetate	2.37	43	5147	Below Cal	#	62
20) Methylene Chloride	2.17	84	7779	Below Cal		94
25) 2-Butanone	4.34	43	875	1.033	ug/l #	56
29) Tetrahydrofuran	4.07	42	1209	3.310	ug/l #	73
51) 4-Methyl-2-Pentanone	8.24	43	1726	1.192	ug/l #	73
92) 1,2-Dibromo-3-Chloropropan	13.69	75	65	3.910	ug/l #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031219\
Data File : VF061917.D
Acq On : 12 Mar 2019 20:59
Operator : VA/AP
Sample : K1866-13
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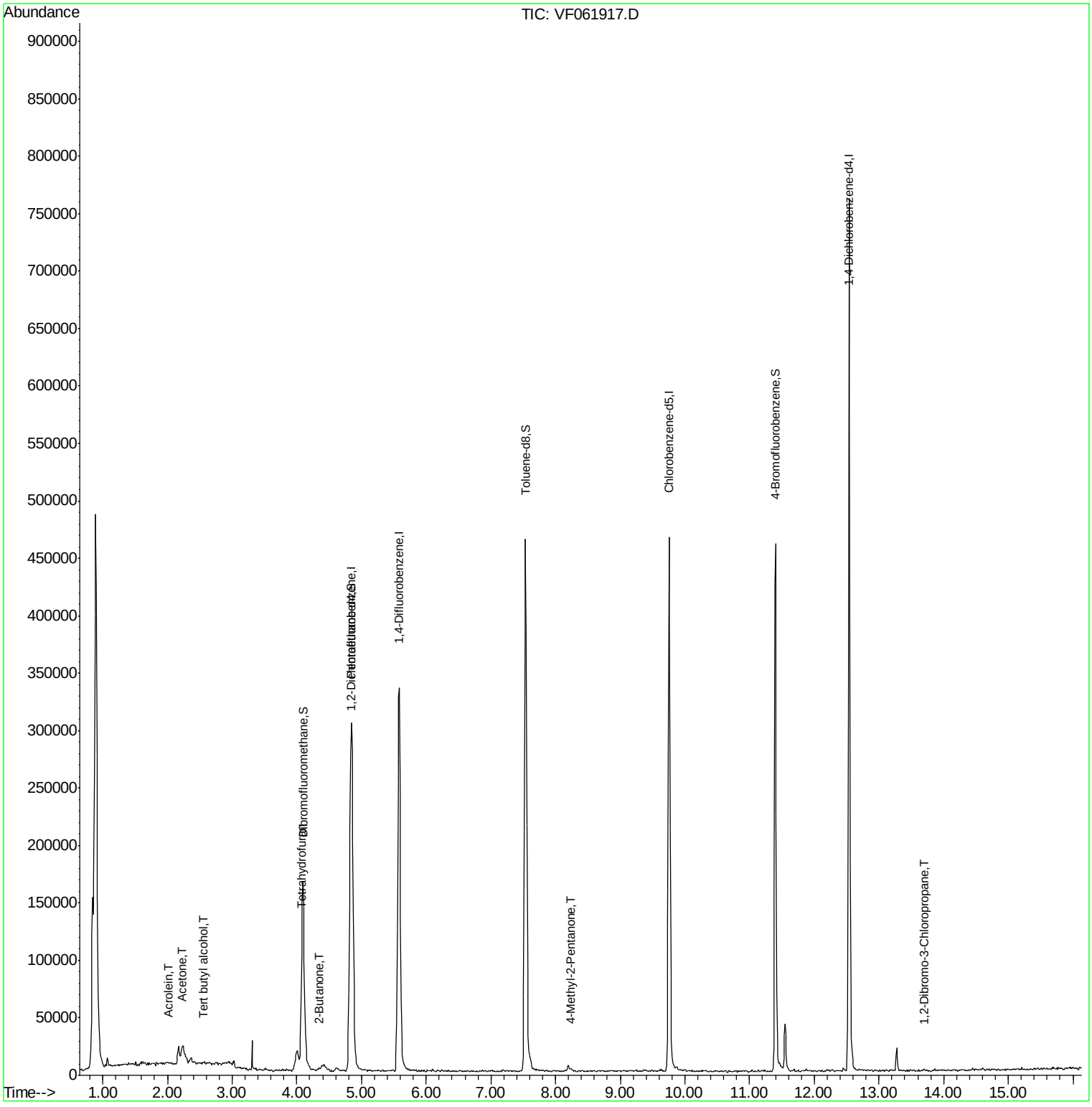
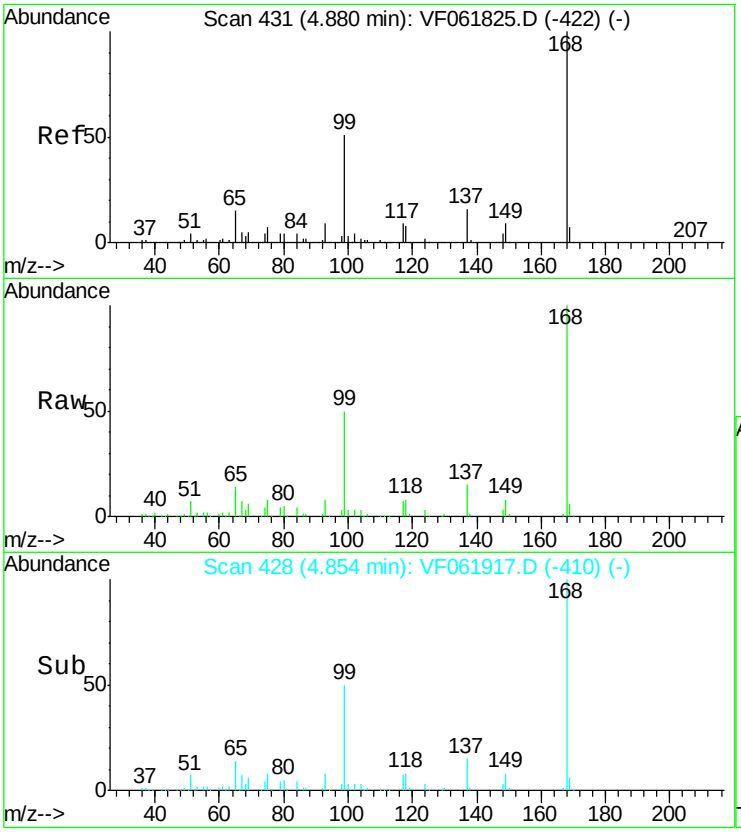
Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

Quant Time: Mar 13 02:09:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration



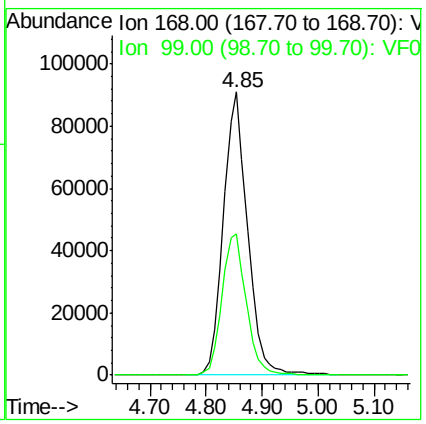


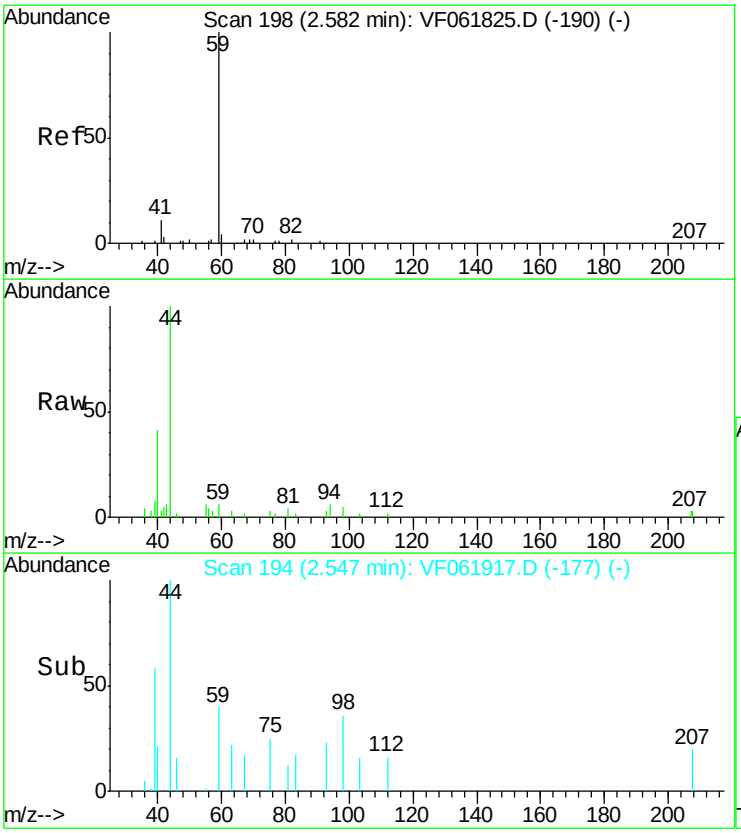
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

Tgt Ion:168 Resp: 272912

Ion	Ratio	Lower	Upper
168	100		
99	49.7	40.8	61.2

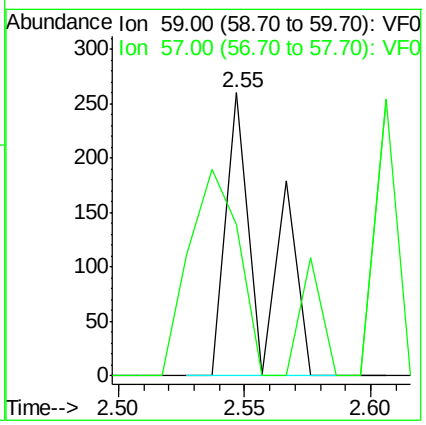


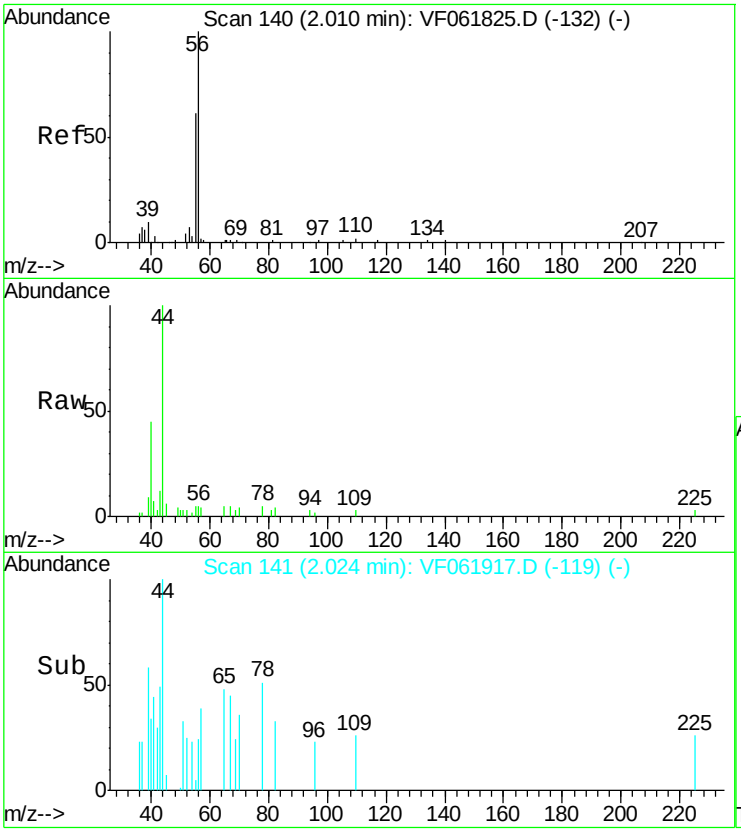


#11
Tert butyl alcohol
Concen: 2.305 ug/l
RT: 2.55 min Scan# 194
Delta R.T. -0.04 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion: 59 Resp: 260

Ion	Ratio	Lower	Upper
59	100		
57	53.5	11.8	17.6#



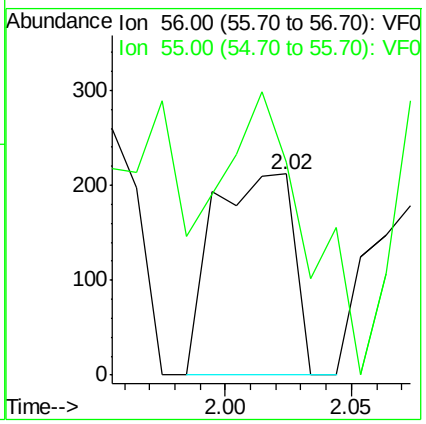


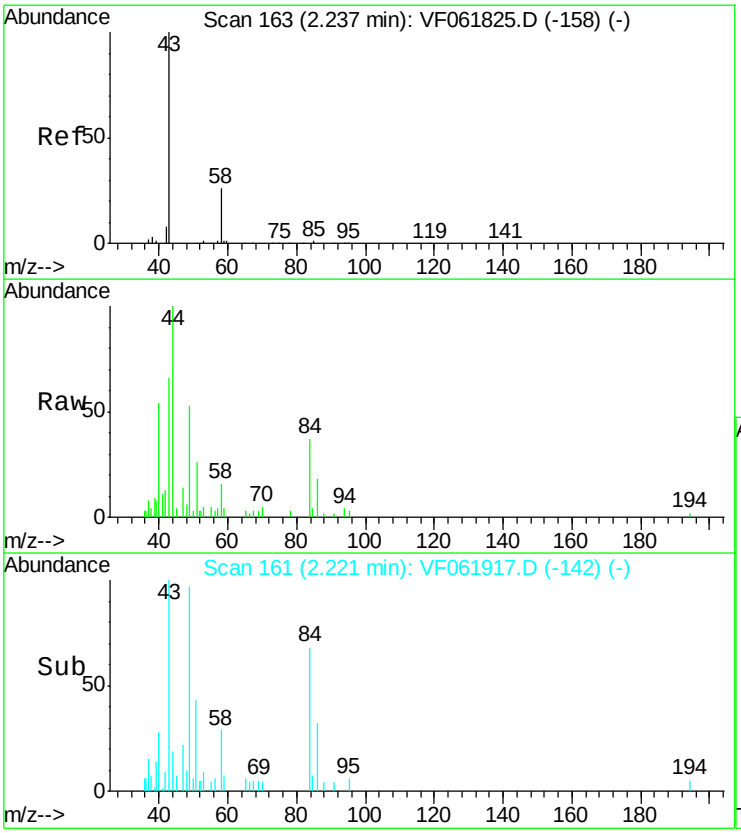
#13
Acrolein
Concen: 3.288 ug/l
RT: 2.02 min Scan# 141
Delta R.T. 0.01 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Instrument : MSVOA_F
ClientSampleId : MR-MH-13-COMP

Tgt Ion: 56 Resp: 470

Ion	Ratio	Lower	Upper
56	100		
55	105.7	51.3	76.9#

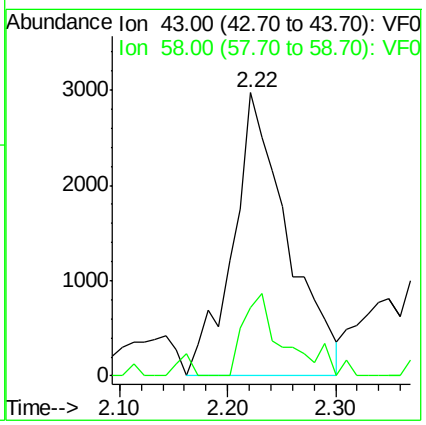


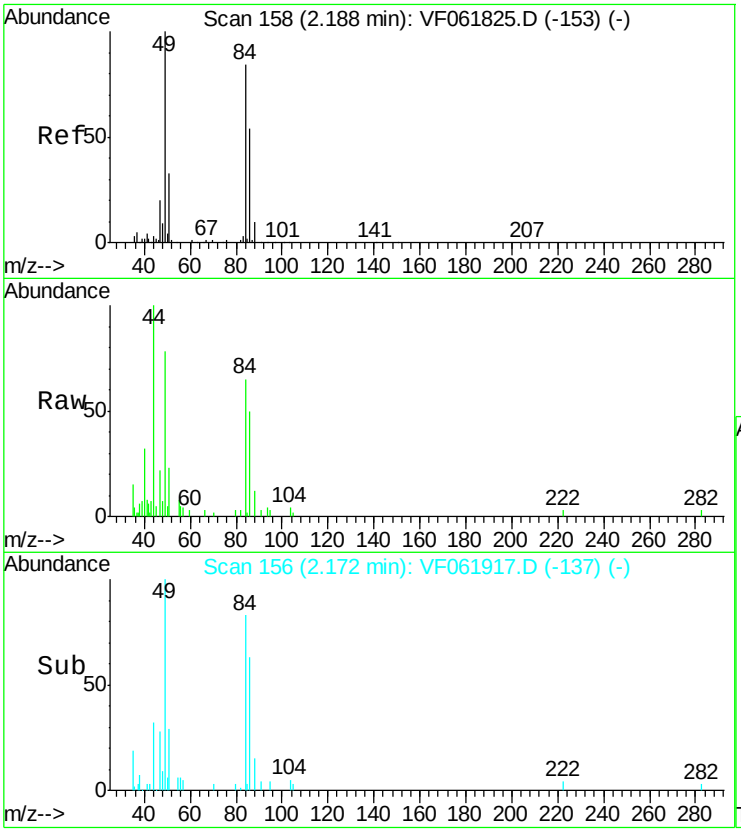


#16
Acetone
Concen: 25.166 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.02 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion: 43 Resp: 10477

Ion	Ratio	Lower	Upper
43	100		
58	24.2	20.3	30.5



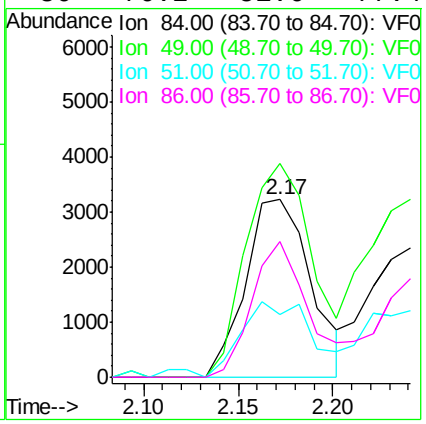


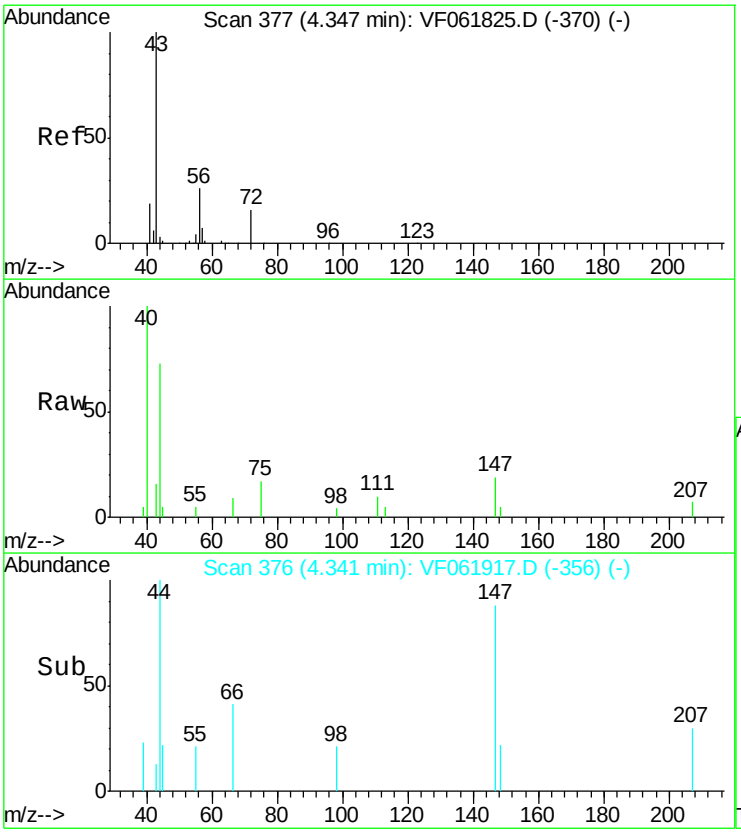
#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Instrument : MSVOA_F
ClientSampleId : MR-MH-13-COMP

Tgt Ion: 84 Resp: 7779

Ion	Ratio	Lower	Upper
84	100		
49	120.4	96.8	145.2
51	35.3	31.8	47.6
86	76.2	51.6	77.4

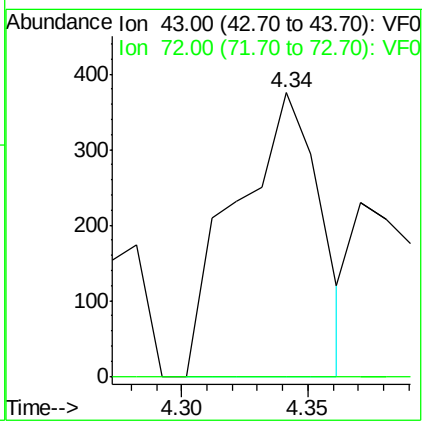


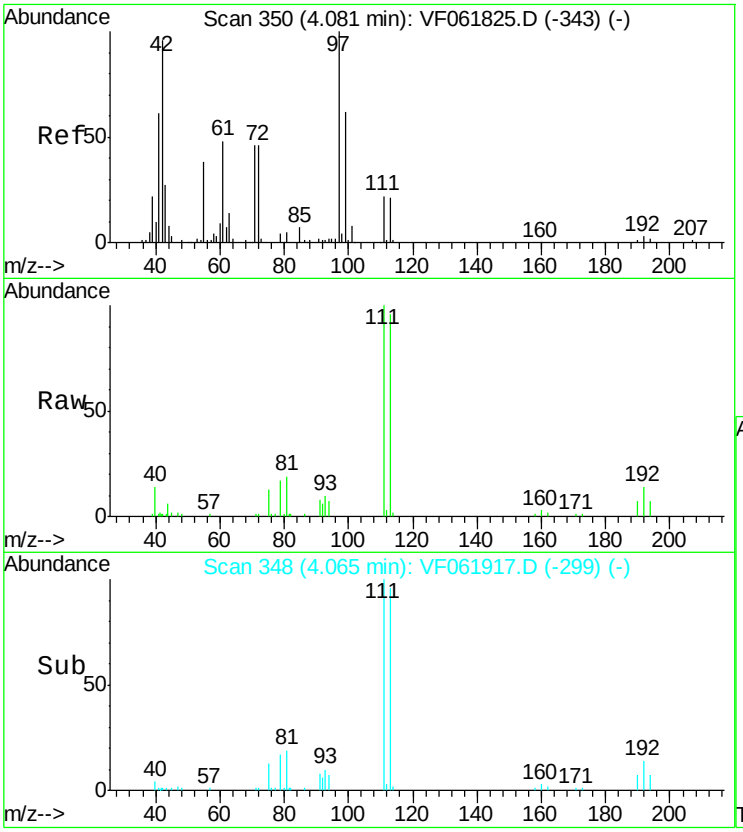


#25
2-Butanone
Concen: 1.033 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion: 43 Resp: 875

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#



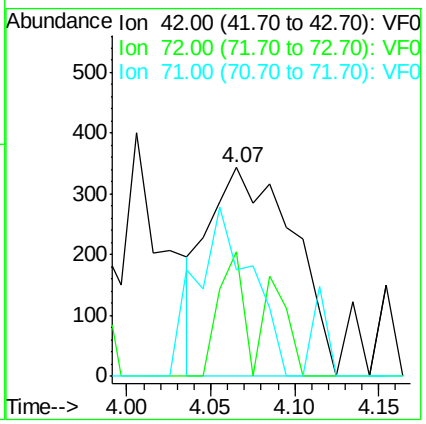


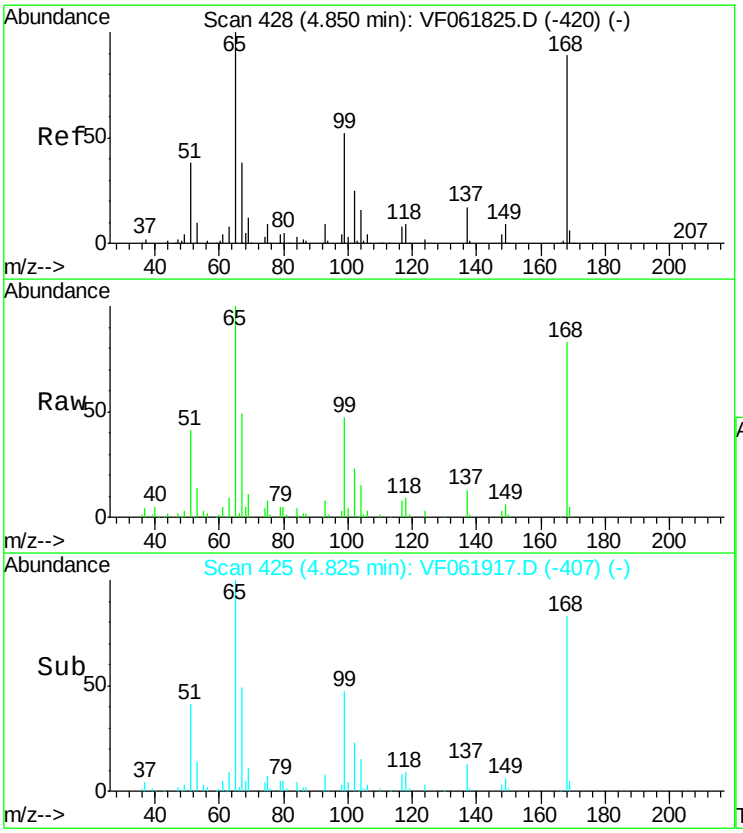
#29
Tetrahydrofuran
Concen: 3.310 ug/l
RT: 4.07 min Scan# 348
Delta R.T. -0.02 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Instrument : MSVOA_F
ClientSampleId : MR-MH-13-COMP

Tgt Ion: 42 Resp: 1209

Ion	Ratio	Lower	Upper
42	100		
72	17.0	34.4	51.6#
71	52.2	34.6	52.0#

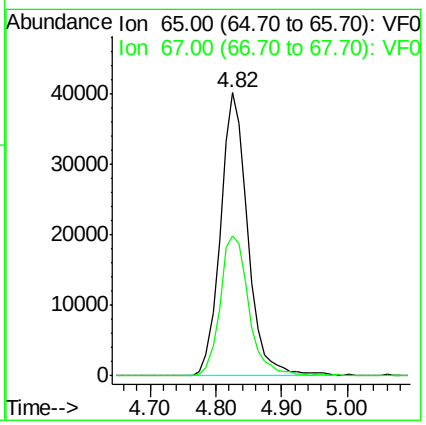


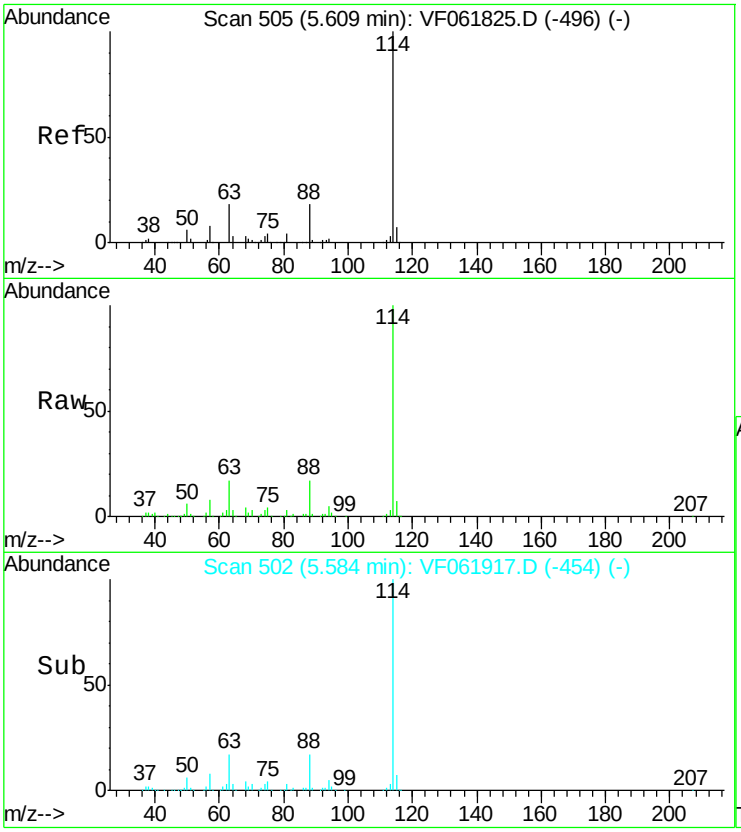


#33
1,2-Dichloroethane-d4
Concen: 58.584 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion: 65 Resp: 116433

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	108.6



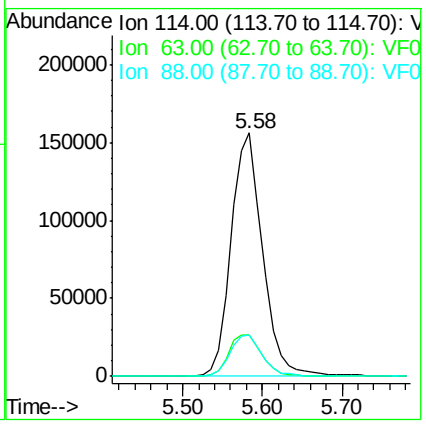


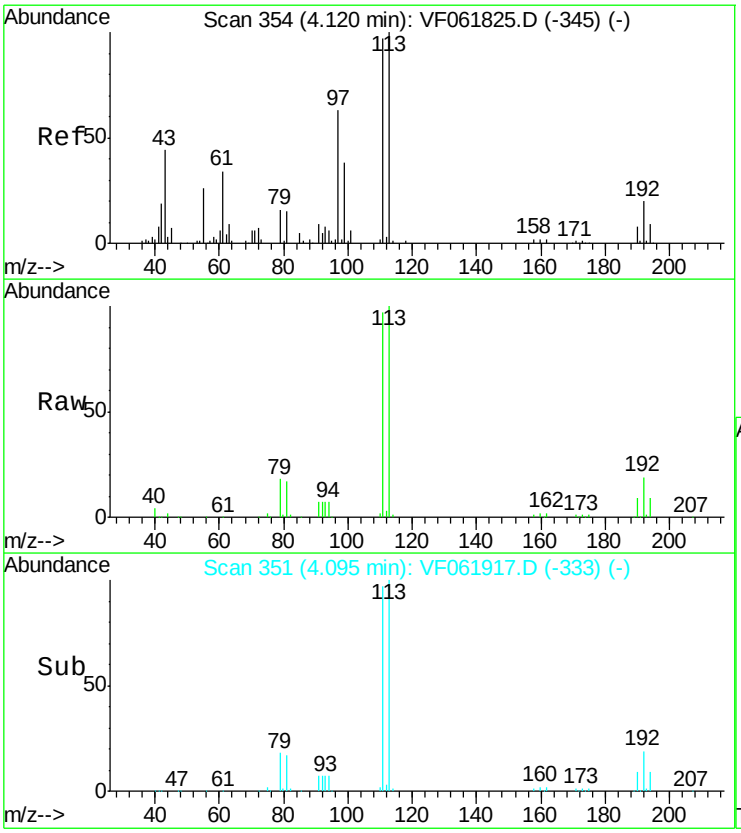
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

Tgt Ion:114 Resp: 428730

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.6
88	16.8	0.0	35.6

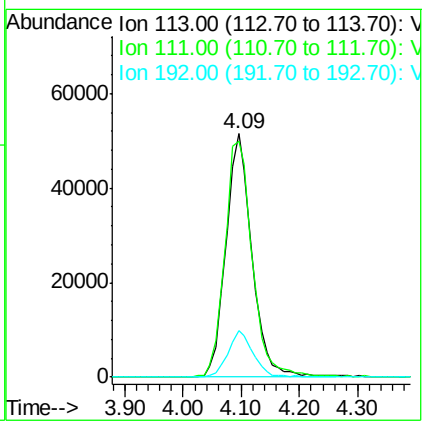


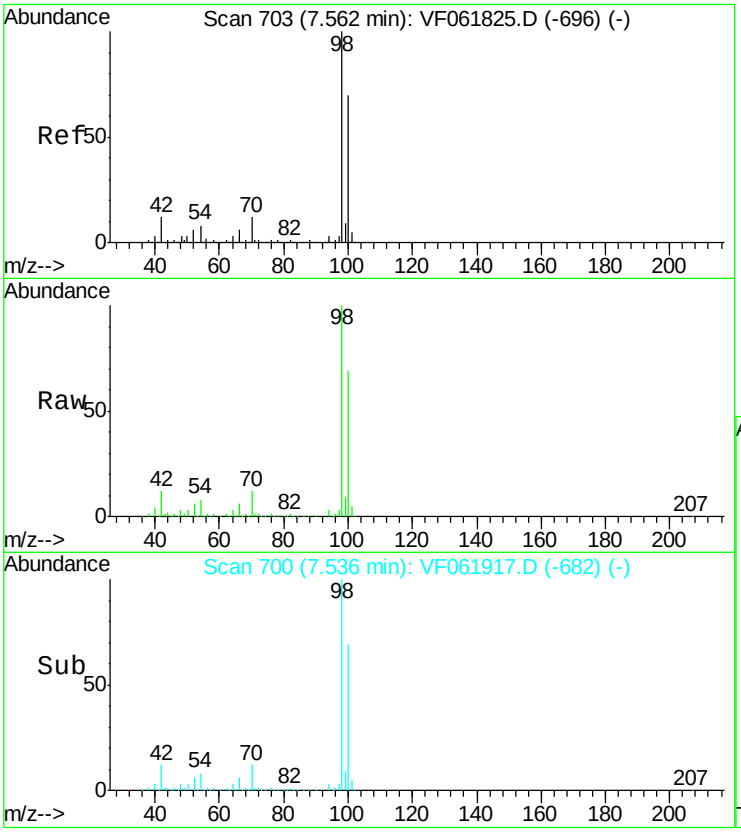


#35
Dibromofluoromethane
Concen: 53.330 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion:113 Resp: 159561

Ion	Ratio	Lower	Upper
113	100		
111	97.1	77.6	116.4
192	19.1	15.9	23.9



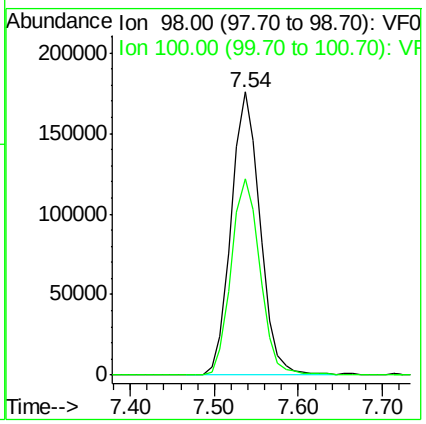


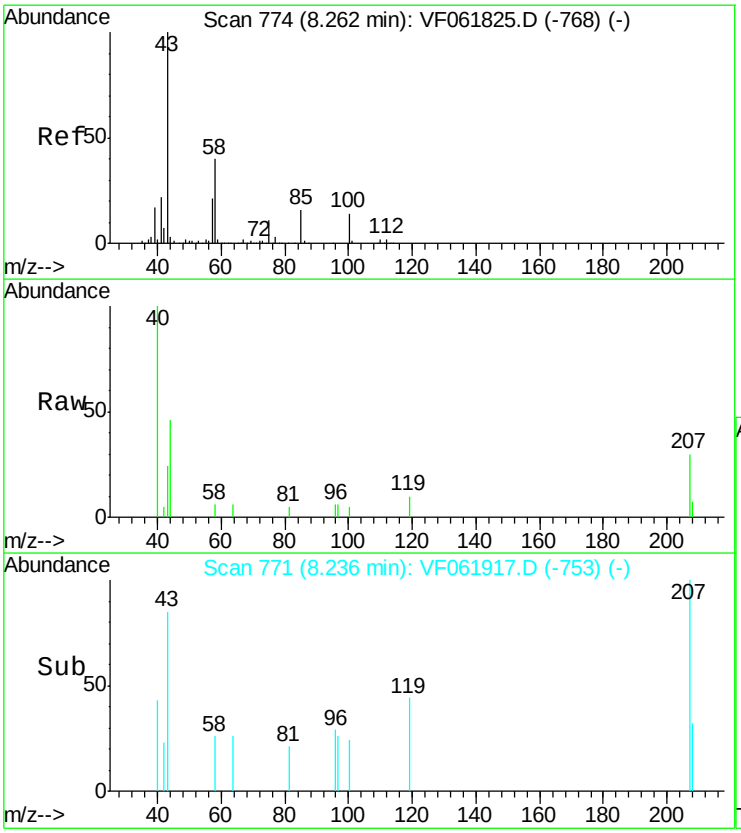
#50
Toluene-d8
Concen: 47.380 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

Tgt Ion: 98 Resp: 421348

Ion	Ratio	Lower	Upper
98	100		
100	69.2	56.0	84.0

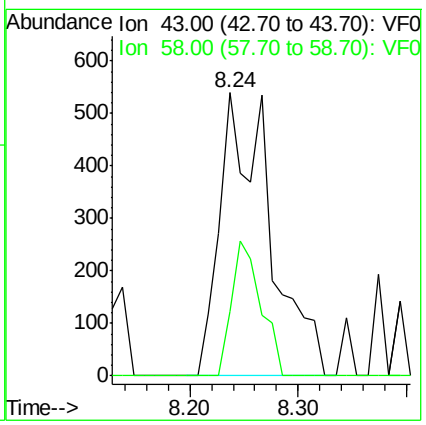


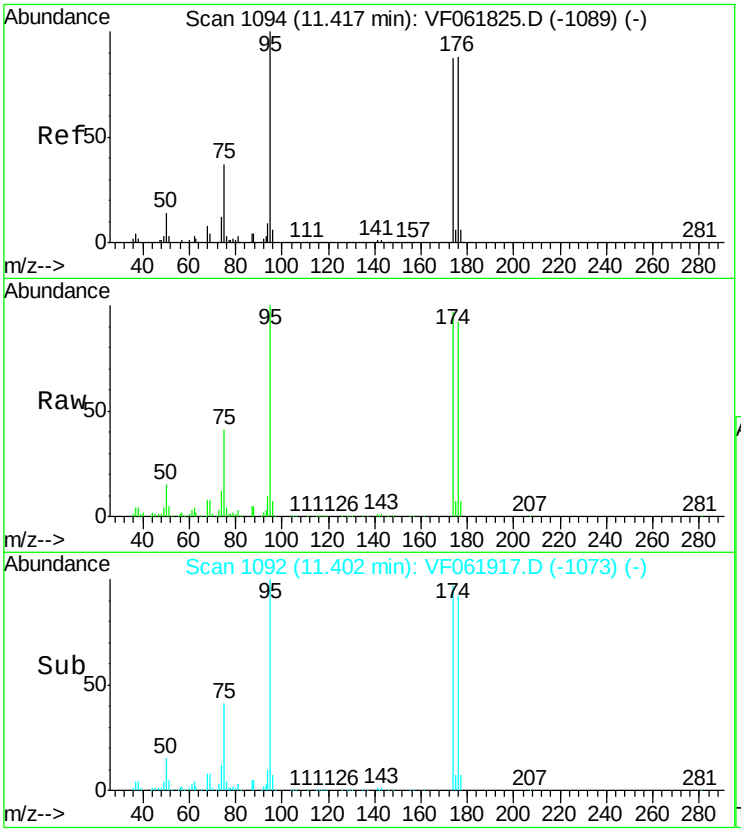


#51
4-Methyl-2-Pentanone
Concen: 1.192 ug/l
RT: 8.24 min Scan# 771
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion: 43 Resp: 1726

Ion	Ratio	Lower	Upper
43	100		
58	23.0	31.8	47.8#



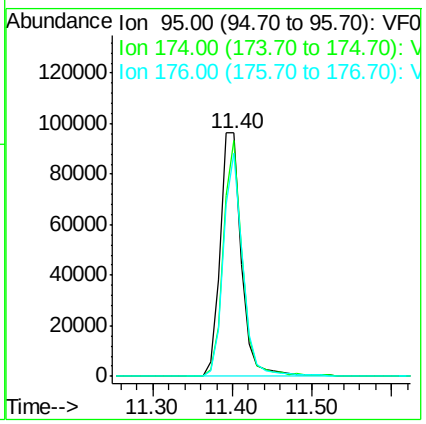


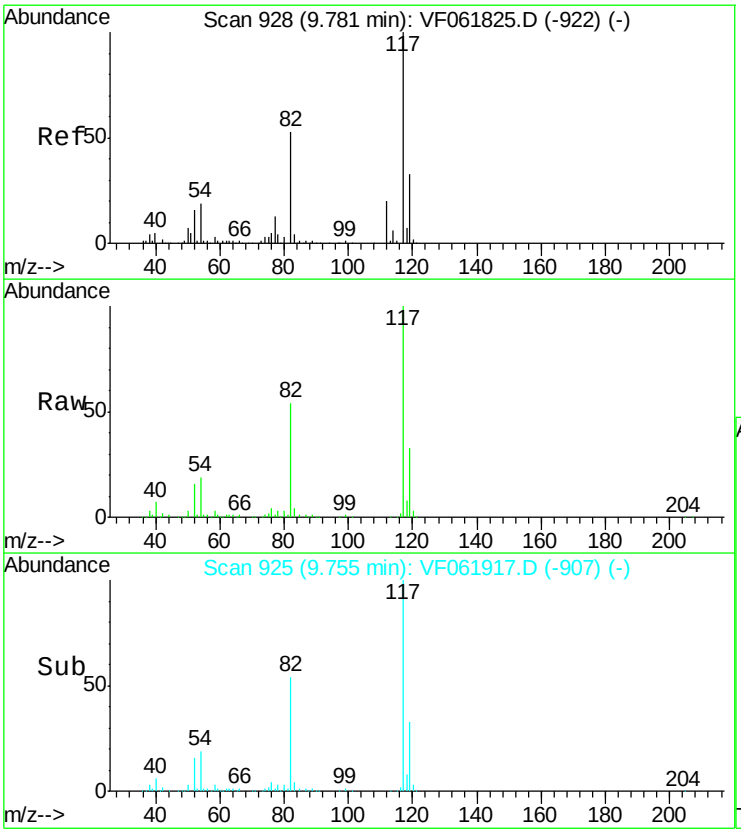
#62
4-Bromofluorobenzene
Concen: 52.551 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

Tgt Ion: 95 Resp: 183069

Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	174.0
176	91.7	0.0	175.2

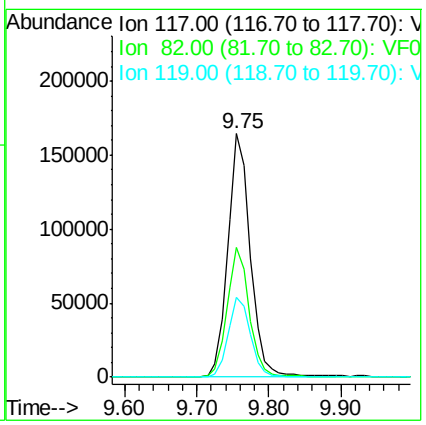


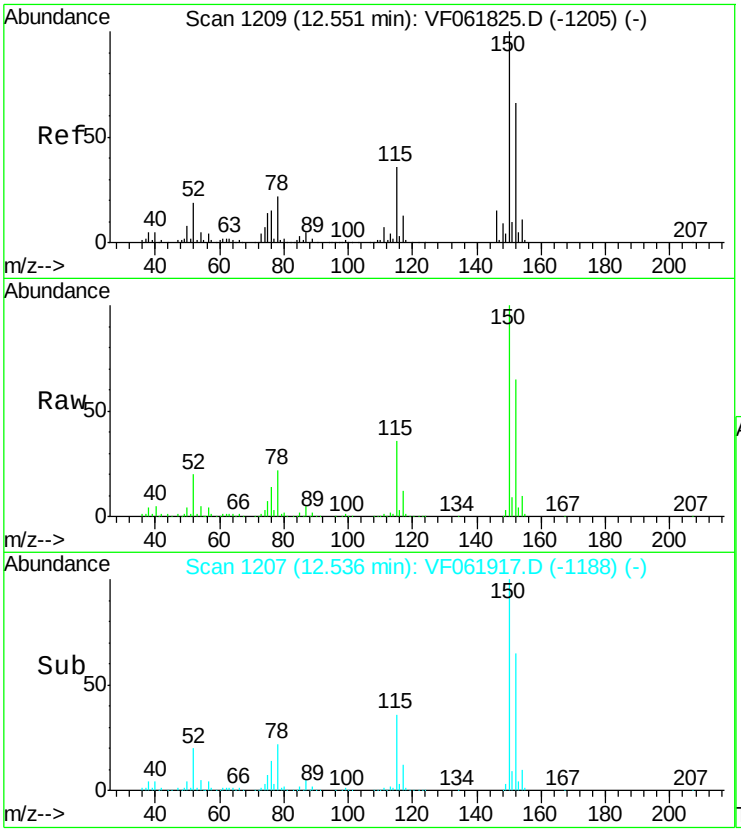


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion:117 Resp: 359523

Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.6	63.8
119	32.8	26.0	39.0



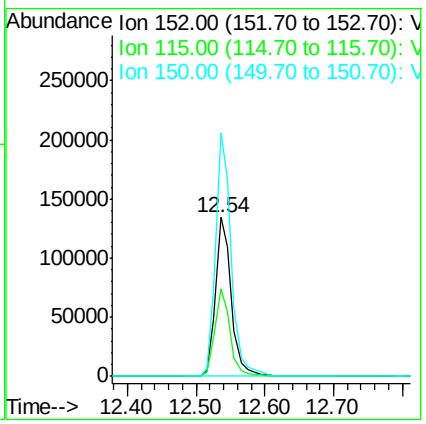


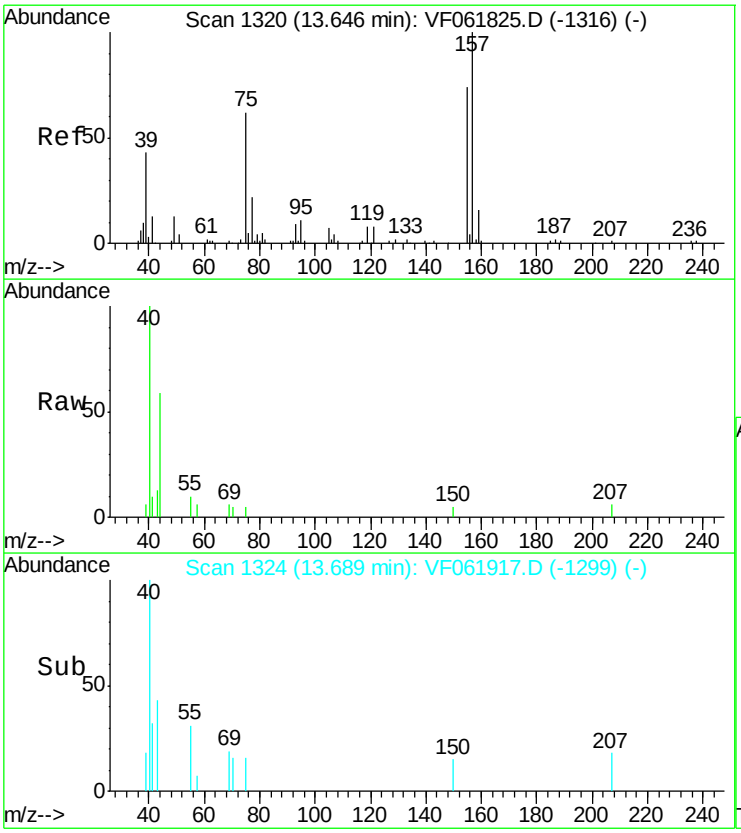
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Instrument : MSVOA_F
ClientSampleId : MR-MH-13-COMP

Tgt Ion:152 Resp: 212504

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.7	83.1
150	153.2	0.0	304.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 3.910 ug/l
RT: 13.69 min Scan# 1324
Delta R.T. 0.04 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion: 75 Resp: 65

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.8	179.4#
157	0.0	81.2	243.4#