Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031219\
Data File : VF061916.D
Acq On : 12 Mar 2019 20:30
Operator : VA/AP
Sample : K1866-11
Misc : 6.52g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : MR-MH-14-COMP

Quant Time: Mar 13 02:09:43 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	4.86	168	277525	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	457006	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	382895	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	221615	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	120294	59.52	ug/l	-0.02
Spiked Amount 50.000			Recovery = 119.04%			
35) Dibromofluoromethane	4.10	113	166162	52.10	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.20%			
50) Toluene-d8	7.54	98	424801	44.81	ug/l	-0.02
Spiked Amount 50.000			Recovery = 89.62%			
62) 4-Bromofluorobenzene	11.40	95	196874	53.02	ug/l	-0.02
Spiked Amount 50.000			Recovery = 106.04%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.54	59	153	1.334	ug/l #	64
16) Acetone	2.23	43	7729	18.257	ug/l	91
18) Methyl Acetate	2.33	43	1499	Below Cal		93
20) Methylene Chloride	2.17	84	7162	Below Cal		94
25) 2-Butanone	4.33	43	1010	1.173	ug/l #	56
29) Tetrahydrofuran	4.08	42	976	2.628	ug/l #	64
49) 1,4-Dioxane	6.30	88	73	5.649	ug/l #	26
51) 4-Methyl-2-Pentanone	8.24	43	1863	1.207	ug/l #	85
52) Toluene	7.61	92	8748	1.310	ug/l	86

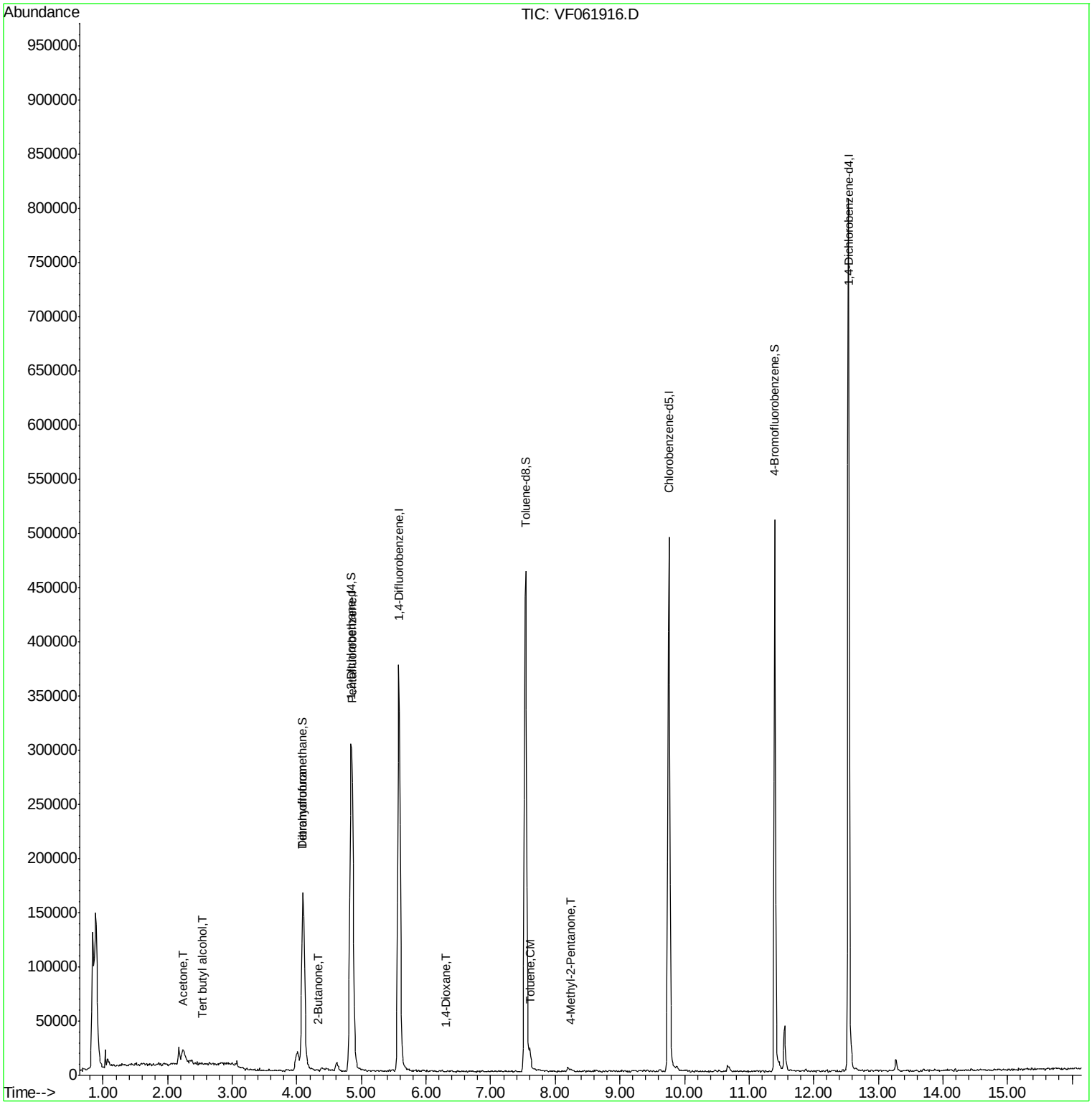
(#) = qualifier out of range (m) = manual integration (+) = signals summed

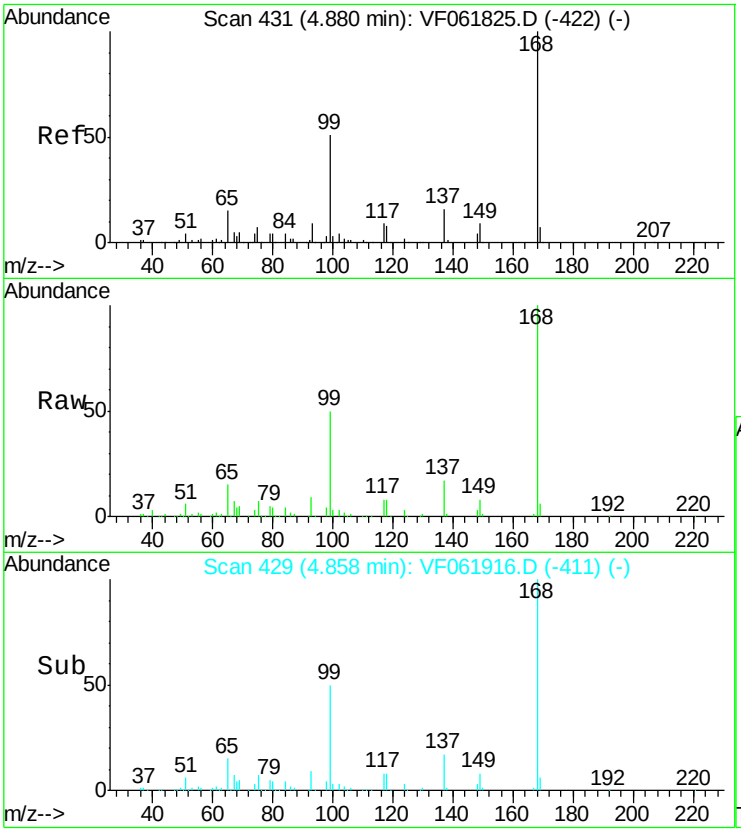
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031219\
Data File : VF061916.D
Acq On : 12 Mar 2019 20:30
Operator : VA/AP
Sample : K1866-11
Misc : 6.52g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : MR-MH-14-COMP

Quant Time: Mar 13 02:09:43 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



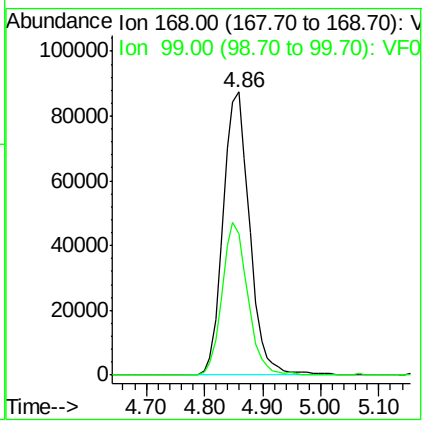


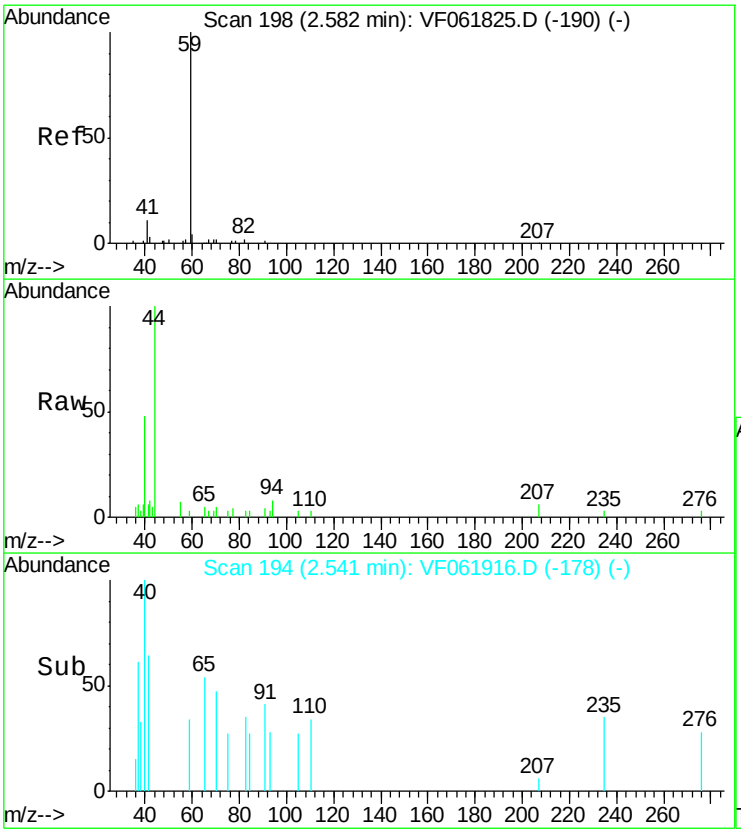
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-14-COMP

Tgt Ion:168 Resp: 277525

Ion	Ratio	Lower	Upper
168	100		
99	50.1	40.8	61.2

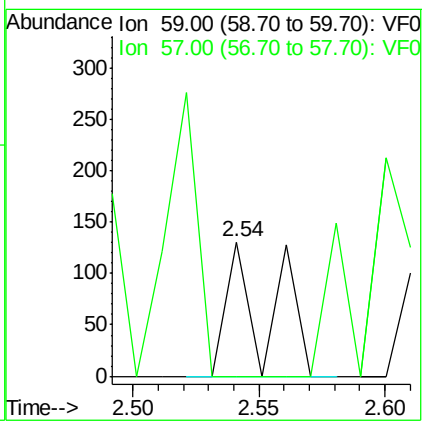


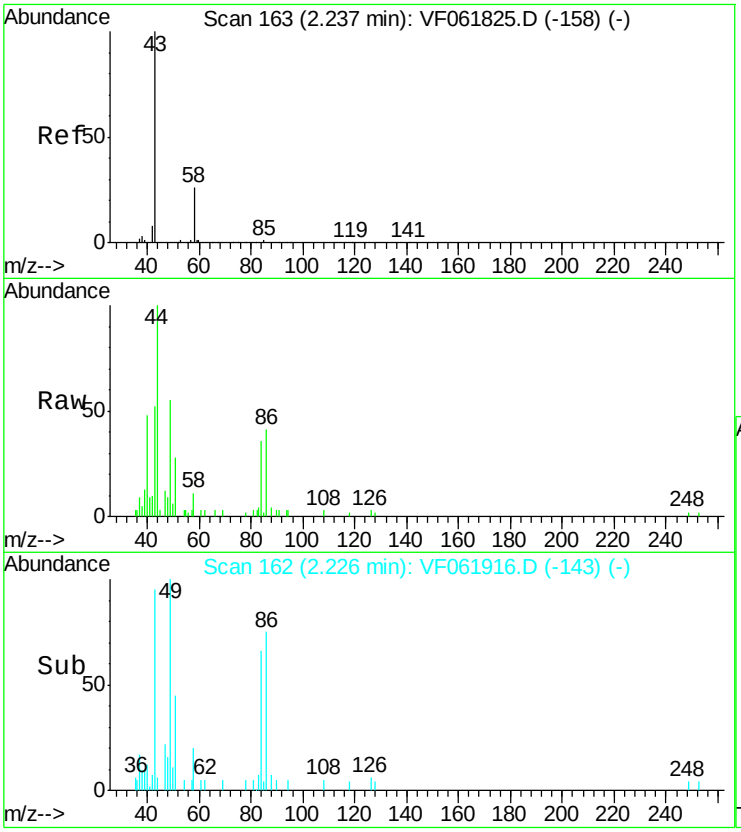


#11
Tert butyl alcohol
Concen: 1.334 ug/l
RT: 2.54 min Scan# 194
Delta R.T. -0.04 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Tgt Ion: 59 Resp: 153

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.8	17.6#



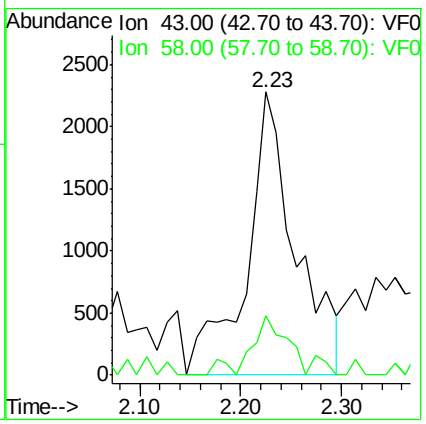


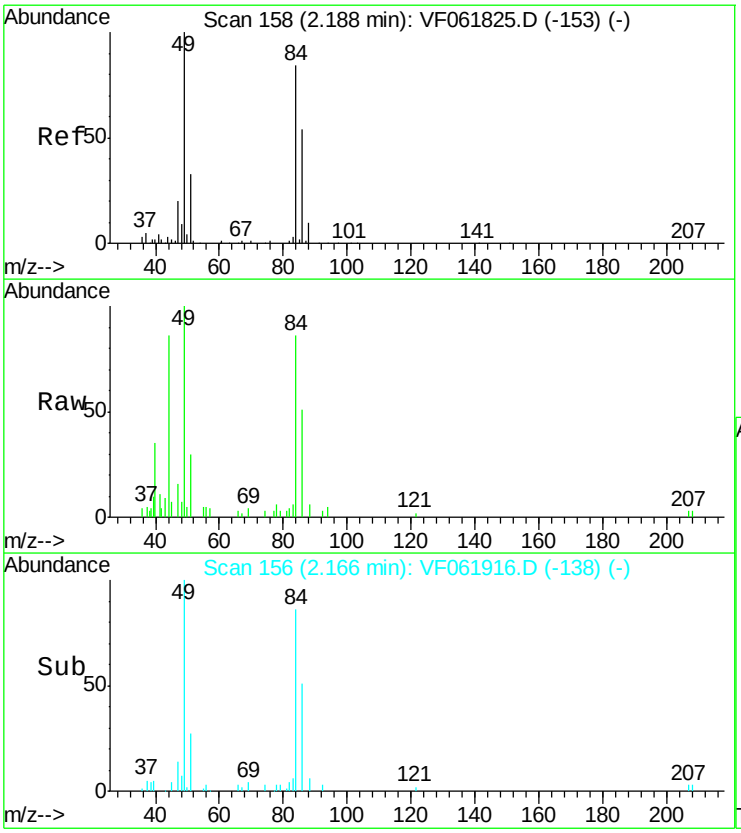
#16
Acetone
Concen: 18.257 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Instrument : MSVOA_F
ClientSampleId : MR-MH-14-COMP

Tgt Ion: 43 Resp: 7729

Ion	Ratio	Lower	Upper
43	100		
58	20.8	20.3	30.5

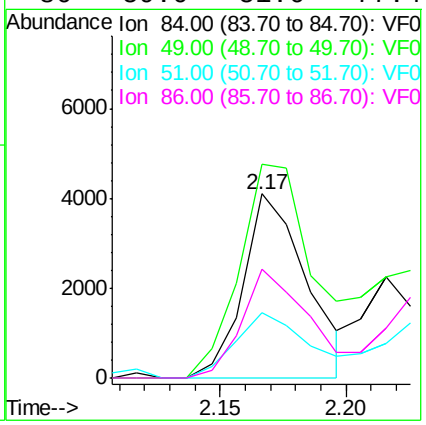


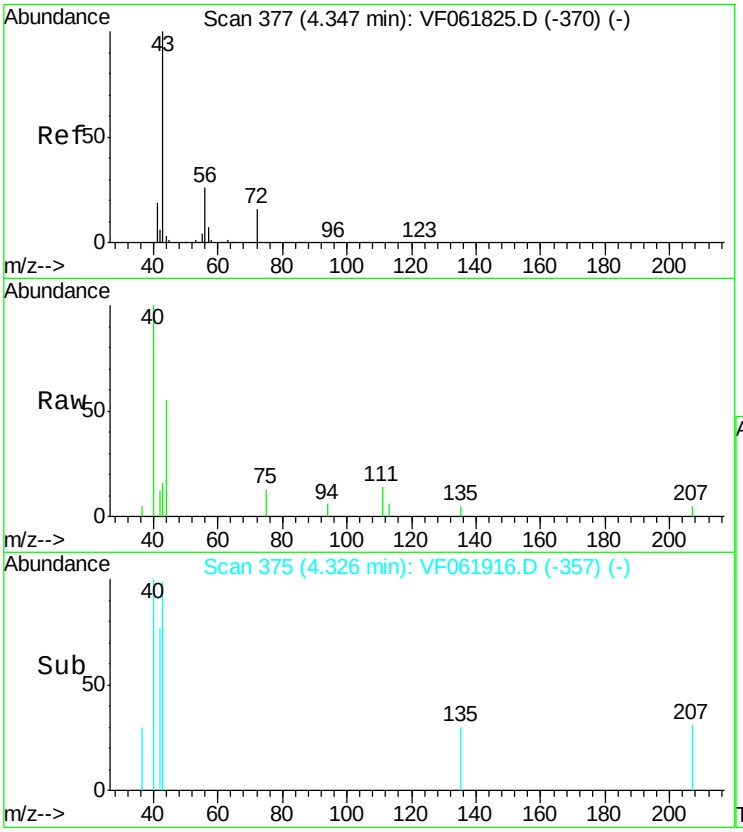


#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Tgt Ion: 84 Resp: 7162

Ion	Ratio	Lower	Upper
84	100		
49	116.1	96.8	145.2
51	35.4	31.8	47.6
86	59.0	51.6	77.4



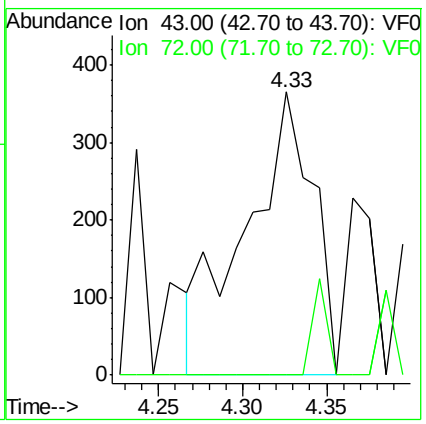


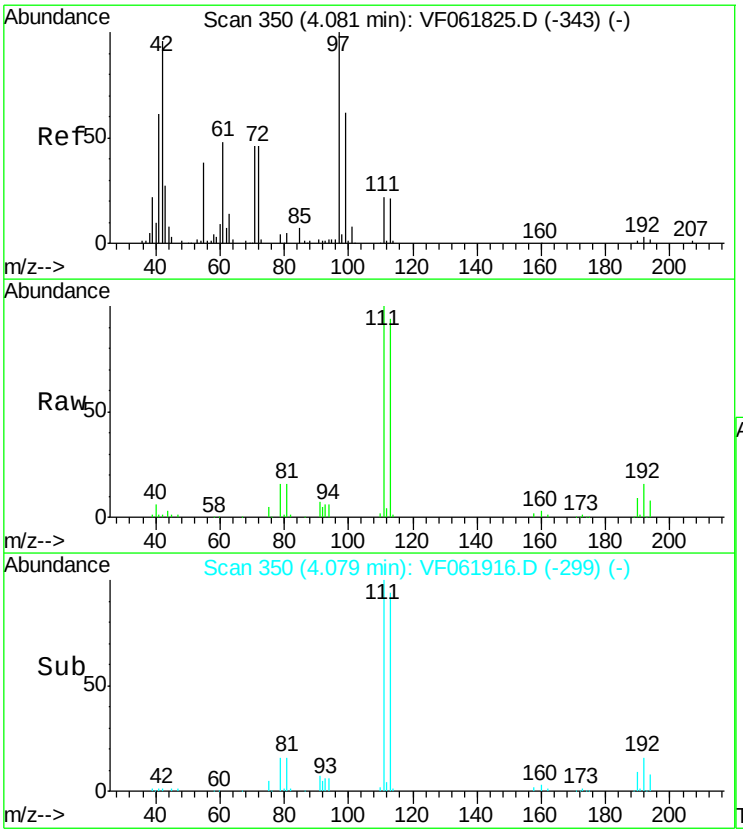
#25
2-Butanone
Concen: 1.173 ug/l
RT: 4.33 min Scan# 375
Delta R.T. -0.02 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-14-COMP

Tgt Ion: 43 Resp: 1010

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#

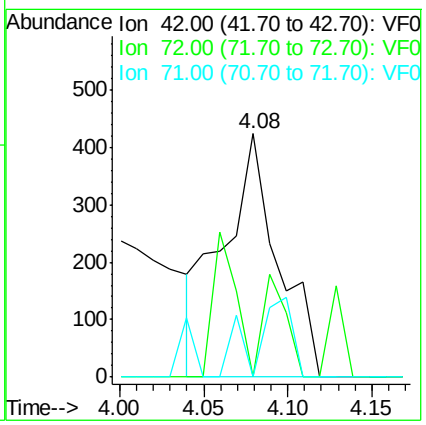


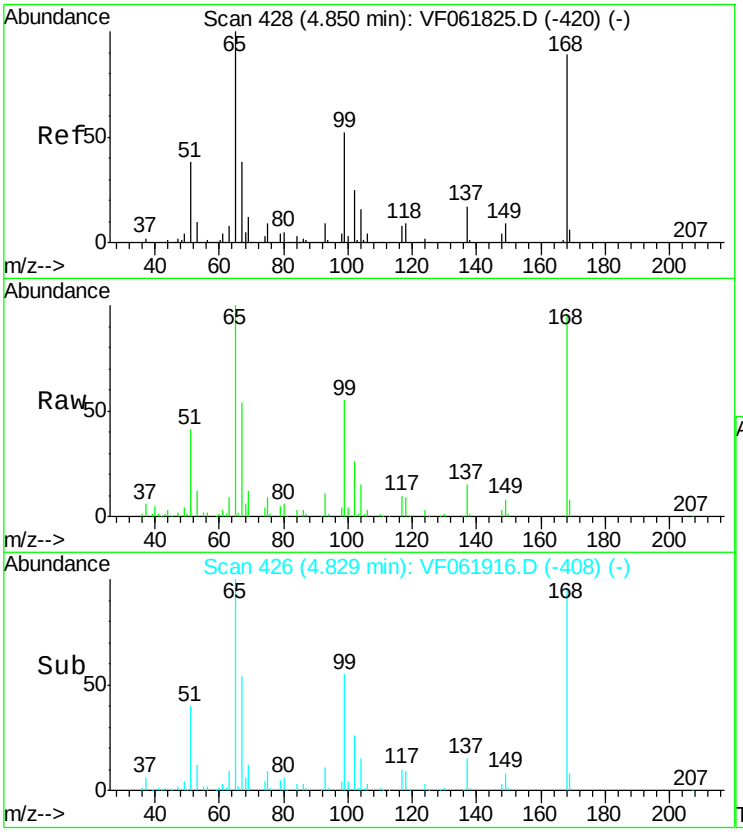


#29
Tetrahydrofuran
Concen: 2.628 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.00 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Tgt Ion: 42 Resp: 976

Ion	Ratio	Lower	Upper
42	100		
72	17.6	34.4	51.6#
71	22.2	34.6	52.0#



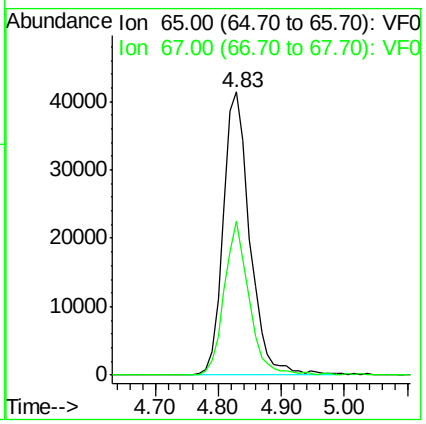


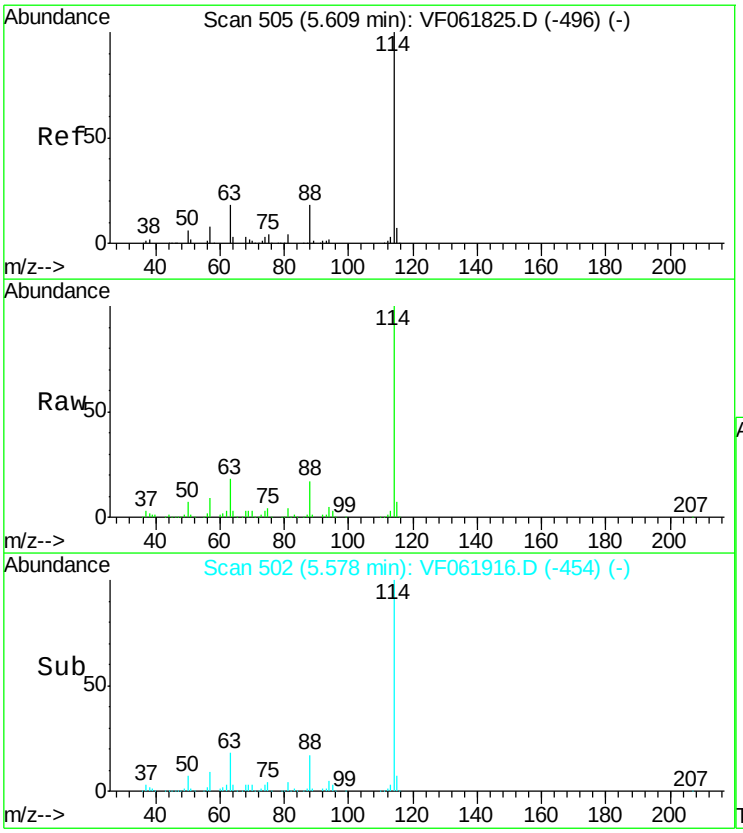
#33
1,2-Dichloroethane-d4
Concen: 59.520 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-14-COMP

Tgt Ion: 65 Resp: 120294

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	108.6

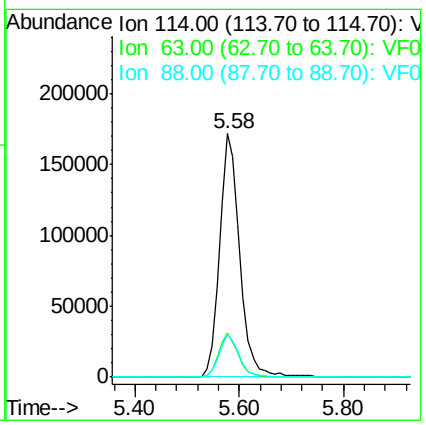


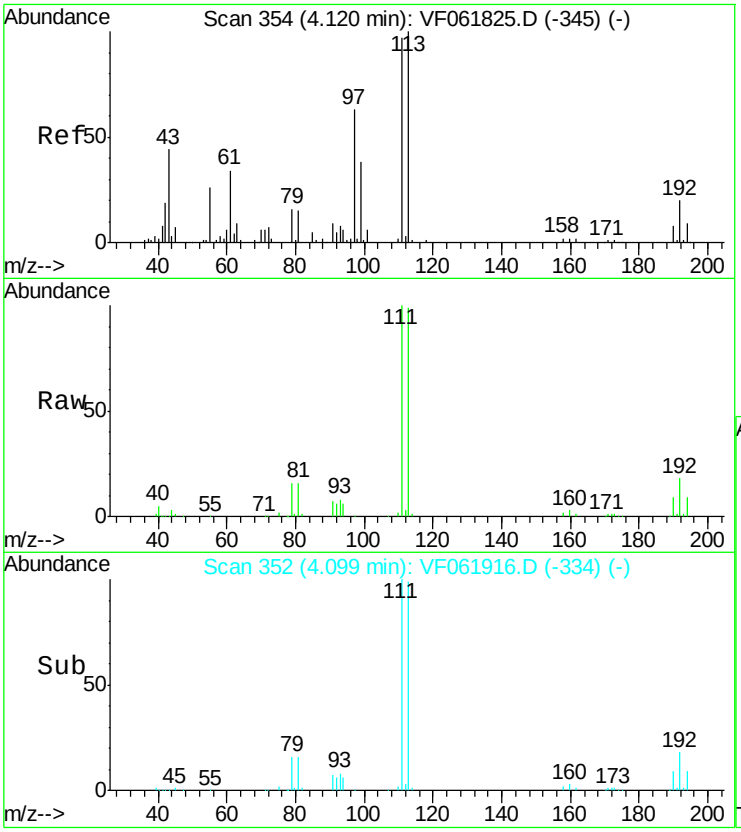


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Tgt Ion:114 Resp: 457006

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.6
88	17.5	0.0	35.6



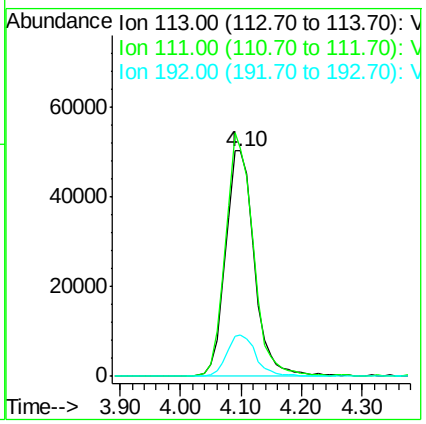


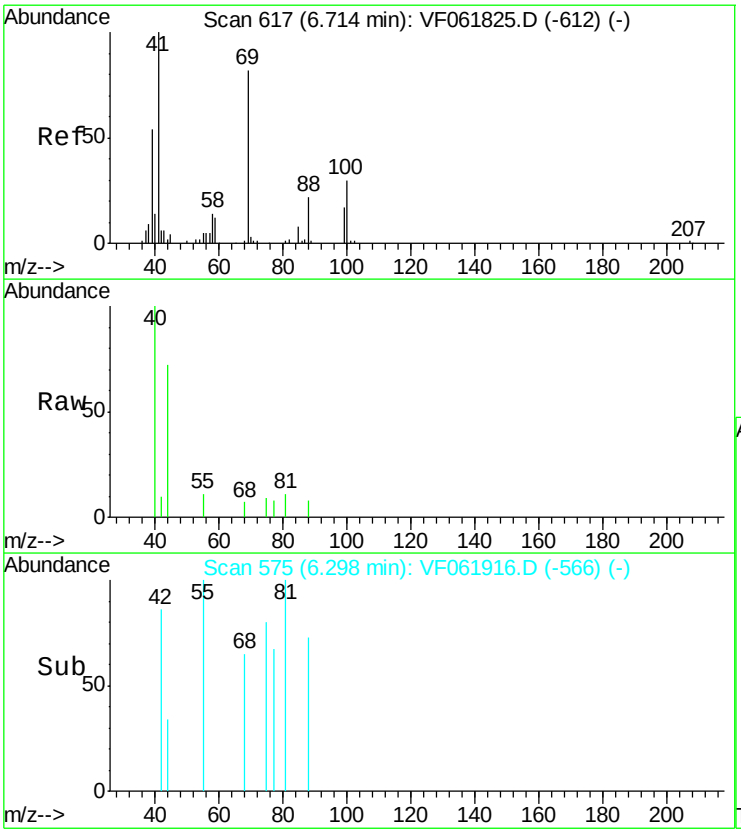
#35
Dibromofluoromethane
Concen: 52.100 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Instrument : MSVOA_F
ClientSampleId : MR-MH-14-COMP

Tgt Ion:113 Resp: 166162

Ion	Ratio	Lower	Upper
113	100		
111	101.0	77.6	116.4
192	18.3	15.9	23.9

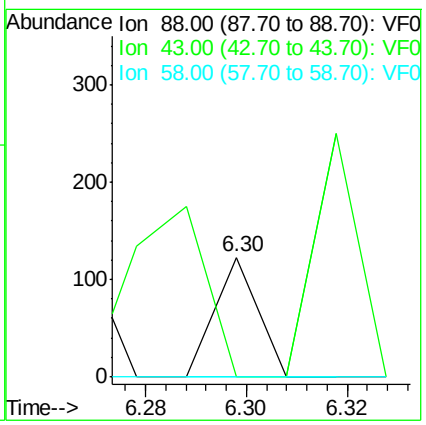


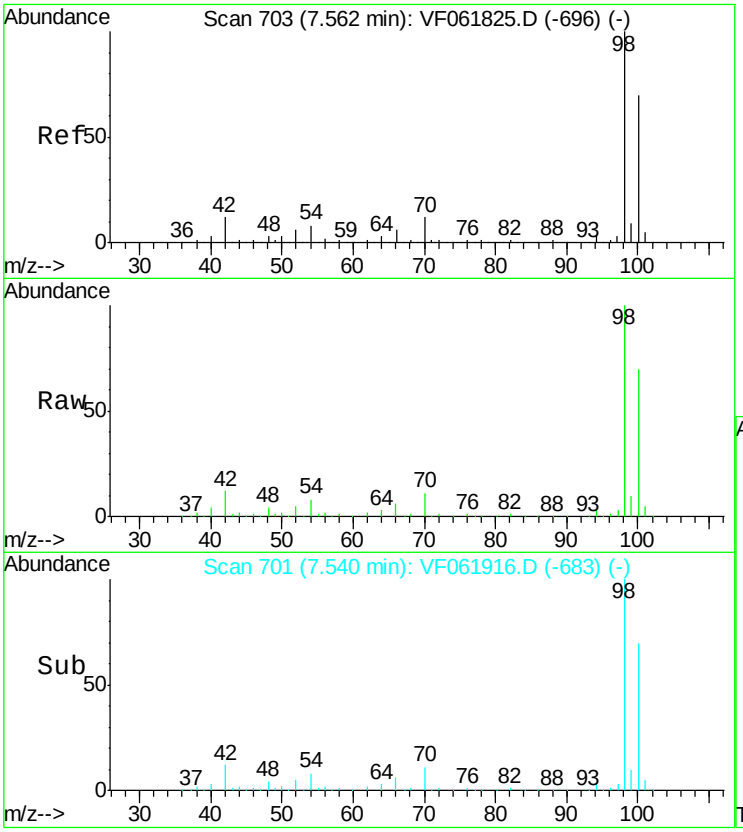


#49
1,4-Dioxane
Concen: 5.649 ug/l
RT: 6.30 min Scan# 575
Delta R.T. -0.42 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Tgt Ion: 88 Resp: 73

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.4	42.6#
58	0.0	50.7	76.1#



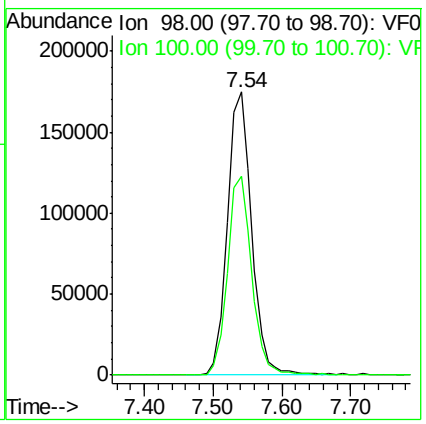


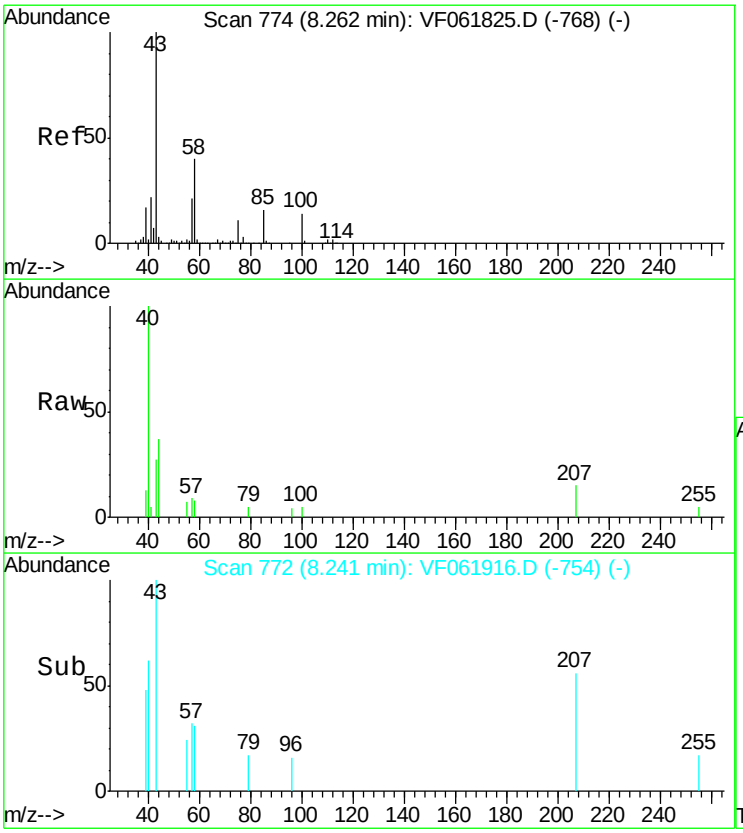
#50
Toluene-d8
Concen: 44.812 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-14-COMP

Tgt Ion: 98 Resp: 424801

Ion	Ratio	Lower	Upper
98	100		
100	70.4	56.0	84.0

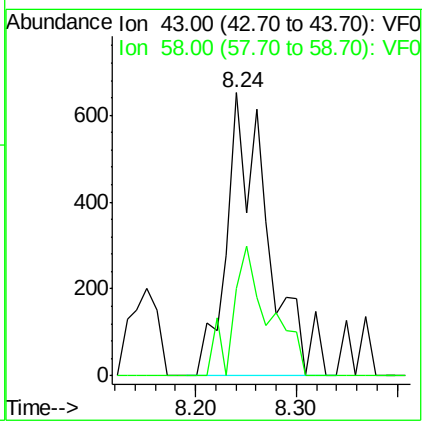


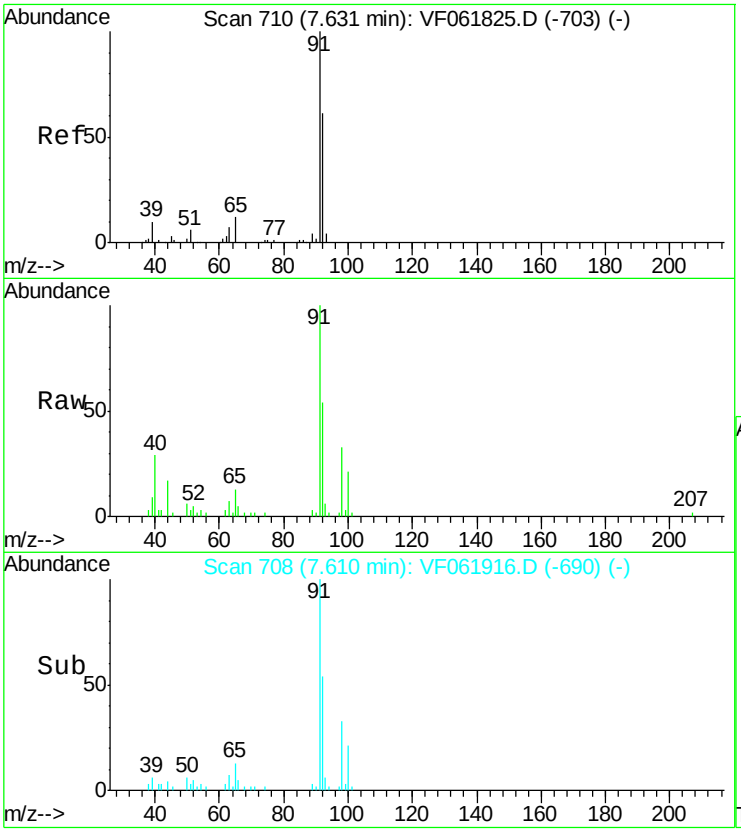


#51
4-Methyl-2-Pentanone
Concen: 1.207 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.02 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Tgt Ion: 43 Resp: 1863

Ion	Ratio	Lower	Upper
43	100		
58	30.7	31.8	47.8#



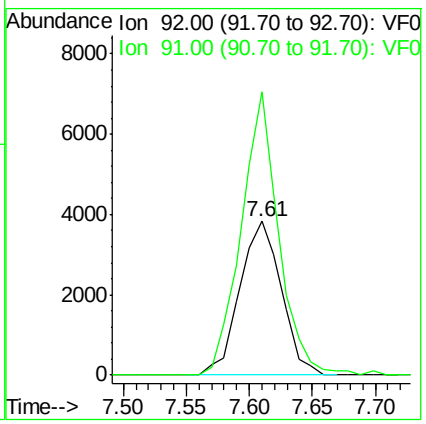


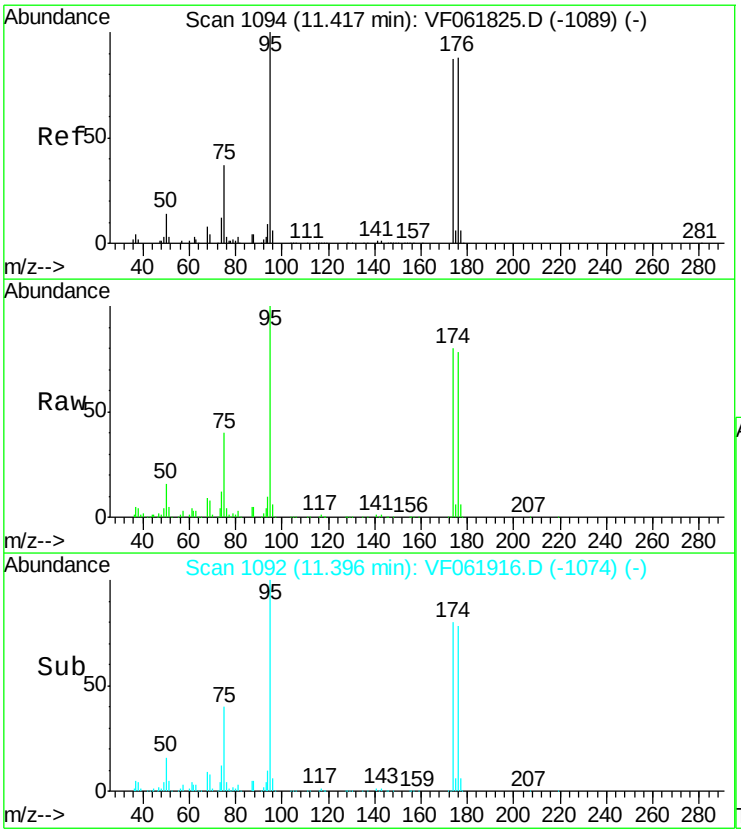
#52
Toluene
Concen: 1.310 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-14-COMP

Tgt Ion: 92 Resp: 8748

Ion	Ratio	Lower	Upper
92	100		
91	183.8	132.0	198.0

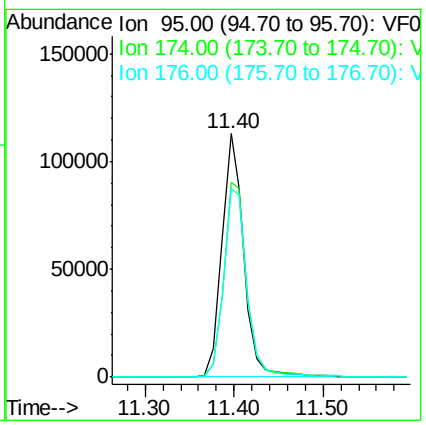


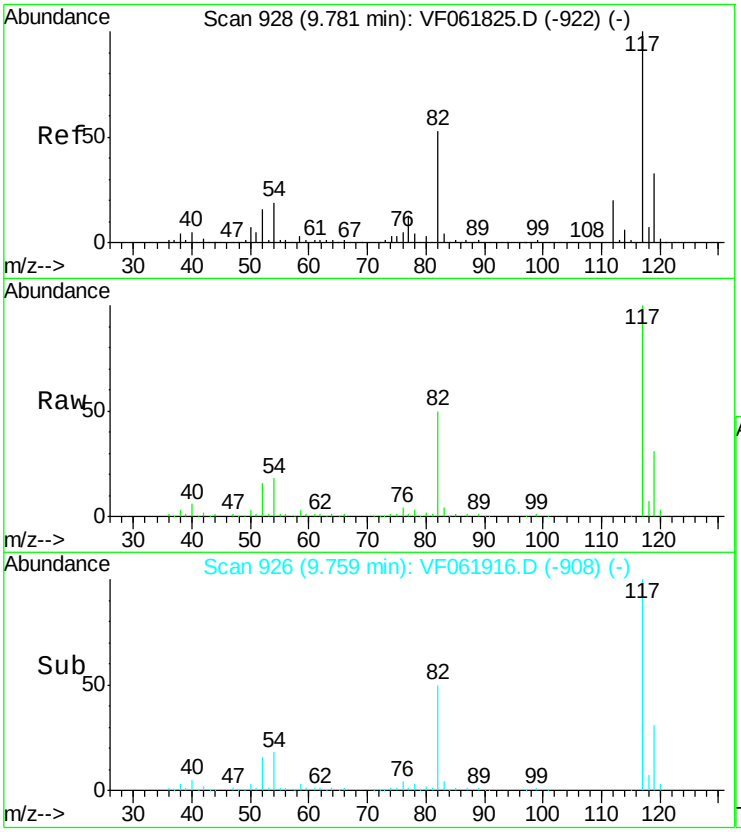


#62
4-Bromofluorobenzene
Concen: 53.017 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Tgt Ion: 95 Resp: 196874

Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	174.0
176	77.7	0.0	175.2



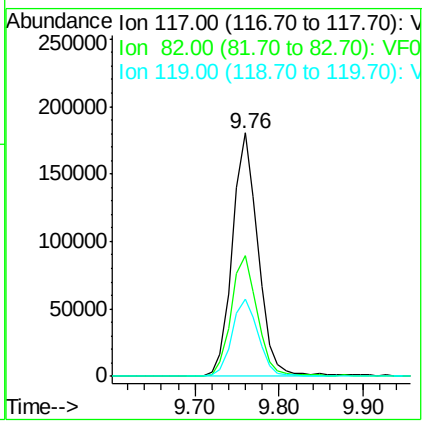


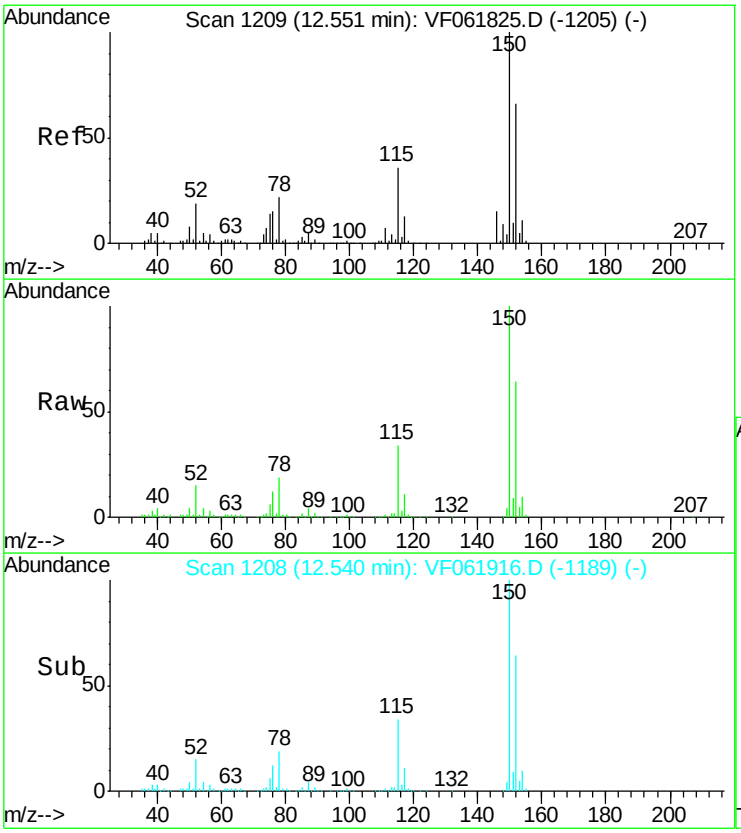
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-14-COMP

Tgt Ion:117 Resp: 382895

Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.6	63.8
119	31.5	26.0	39.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061916.D
Acq: 12 Mar 2019 20:30

Tgt Ion:152 Resp: 221615

Ion	Ratio	Lower	Upper
152	100		
115	52.7	27.7	83.1
150	155.9	0.0	304.2