Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061816.D
Acq On : 1 Mar 2019 21:42
Operator : VA/AP
Sample : K1654-01RE
Misc : 5.01g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SOIL-PILERE

Quant Time: Mar 02 02:48:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	251674	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	421637	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	339144	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	172299	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	113293	61.39	ug/l	-0.03
Spiked Amount 50.000			Recovery = 122.78%			
35) Dibromofluoromethane	4.10	113	163879	52.34	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.68%			
50) Toluene-d8	7.54	98	397236	44.13	ug/l	-0.02
Spiked Amount 50.000			Recovery = 88.26%			
62) 4-Bromofluorobenzene	11.40	95	173459	47.63	ug/l	-0.02
Spiked Amount 50.000			Recovery = 95.26%			
Target Compounds						Qvalue
8) Diethyl Ether	1.62	74	967	1.129	ug/l	90
11) Tert butyl alcohol	2.54	59	129	1.208	ug/l #	63
13) Acrolein	1.86	56	260	1.937	ug/l	97
16) Acetone	2.24	43	3416	8.627	ug/l	94
18) Methyl Acetate	2.37	43	5949	6.669	ug/l #	59
25) 2-Butanone	4.32	43	879	1.016	ug/l #	55
29) Tetrahydrofuran	4.05	42	1368	3.480	ug/l #	68
49) 1,4-Dioxane	7.12	88	79	6.081	ug/l #	20
52) Toluene	7.61	92	7001	1.057	ug/l	87
59) 2-Hexanone	9.49	43	1151	1.001	ug/l	75

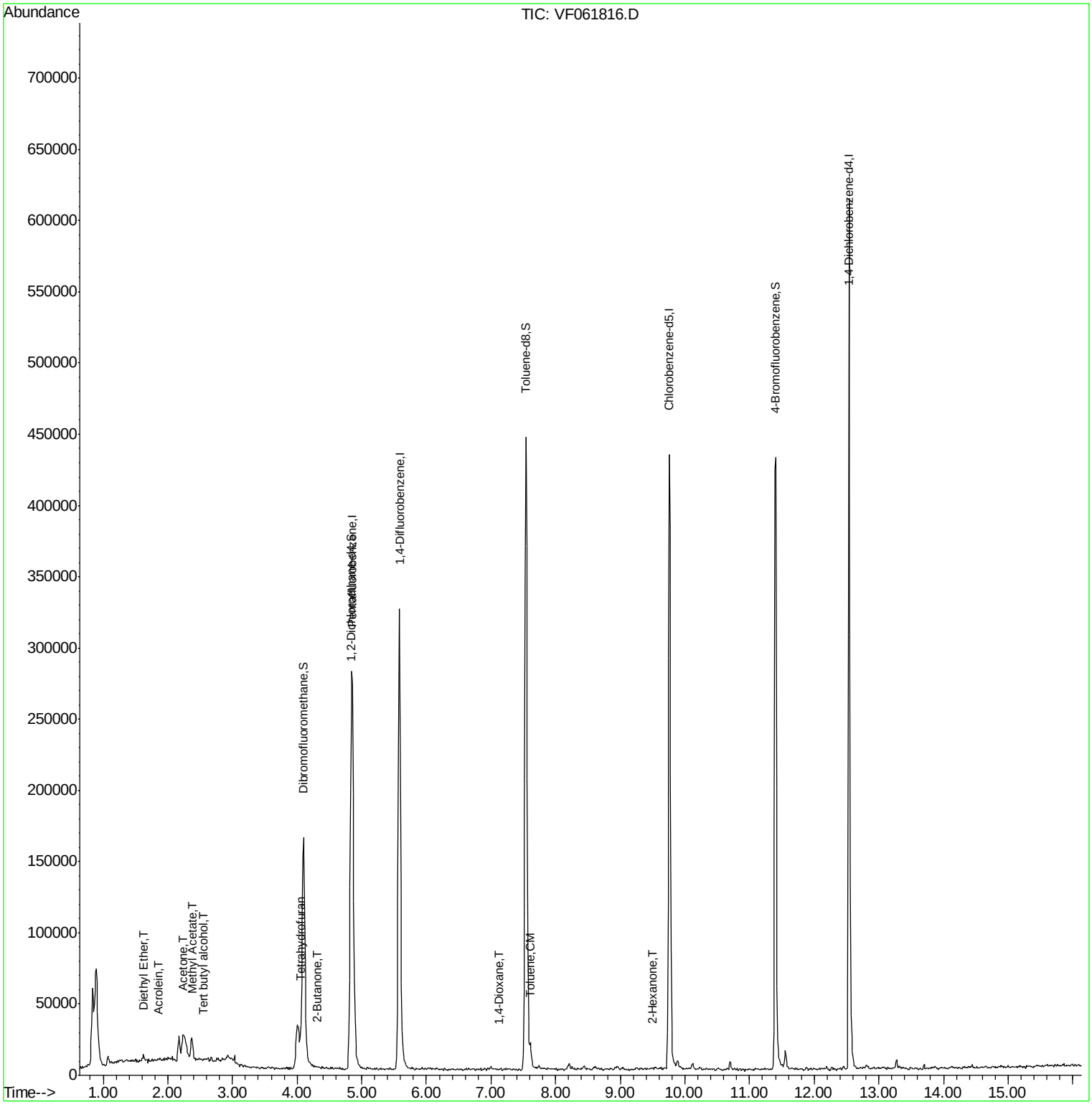
(#) = qualifier out of range (m) = manual integration (+) = signals summed

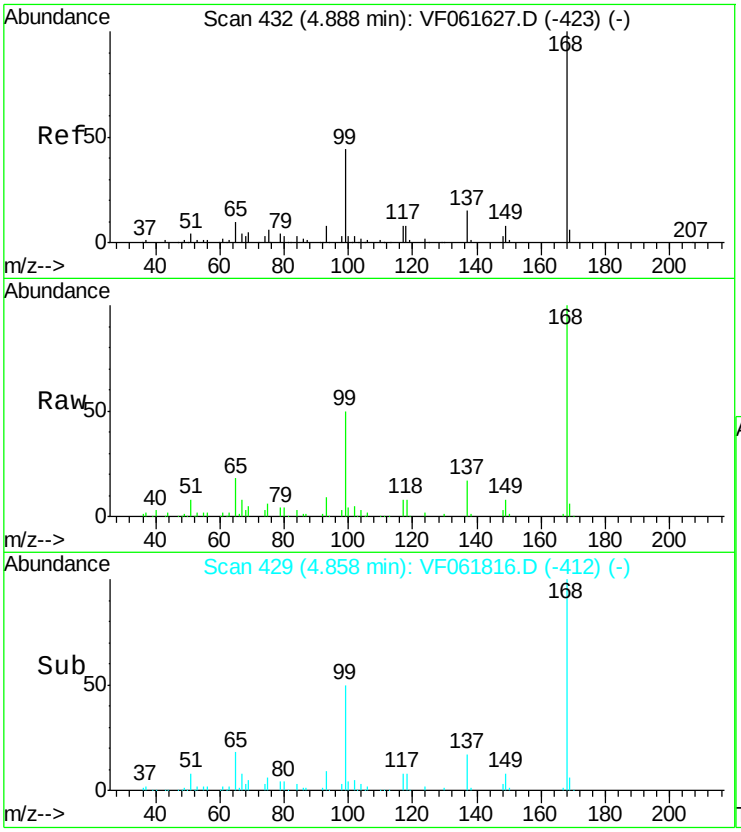
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061816.D
Acq On : 1 Mar 2019 21:42
Operator : VA/AP
Sample : K1654-01RE
Misc : 5.01g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Quant Time: Mar 02 02:48:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration



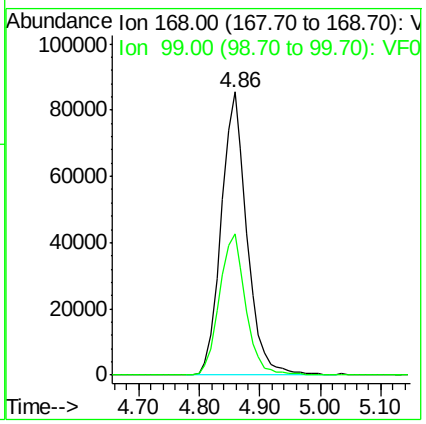


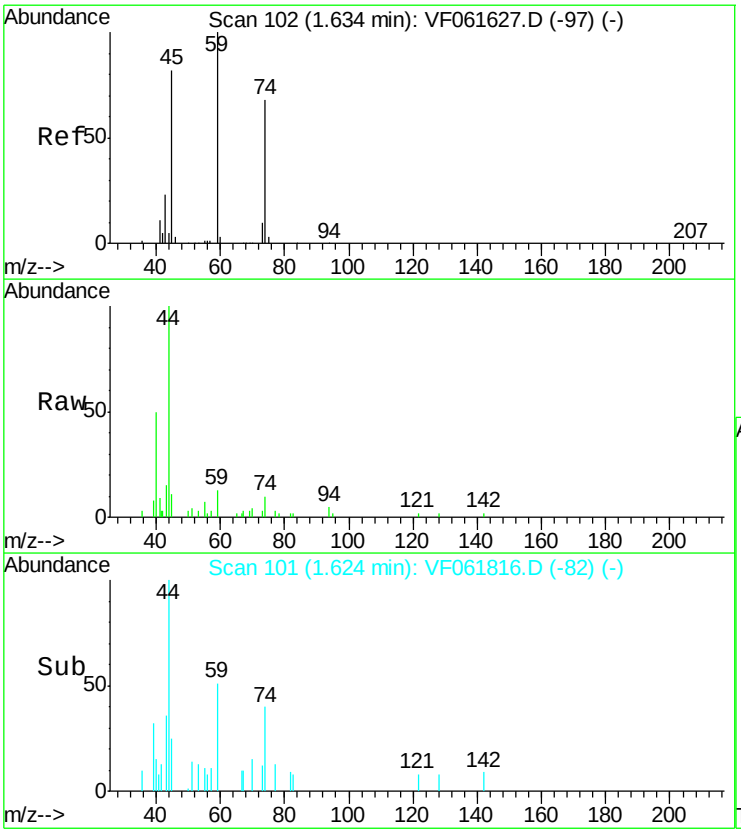
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tgt Ion:168 Resp: 251674

Ion	Ratio	Lower	Upper
168	100		
99	49.7	34.9	52.3

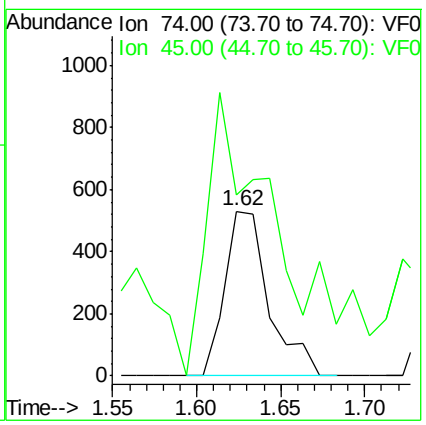


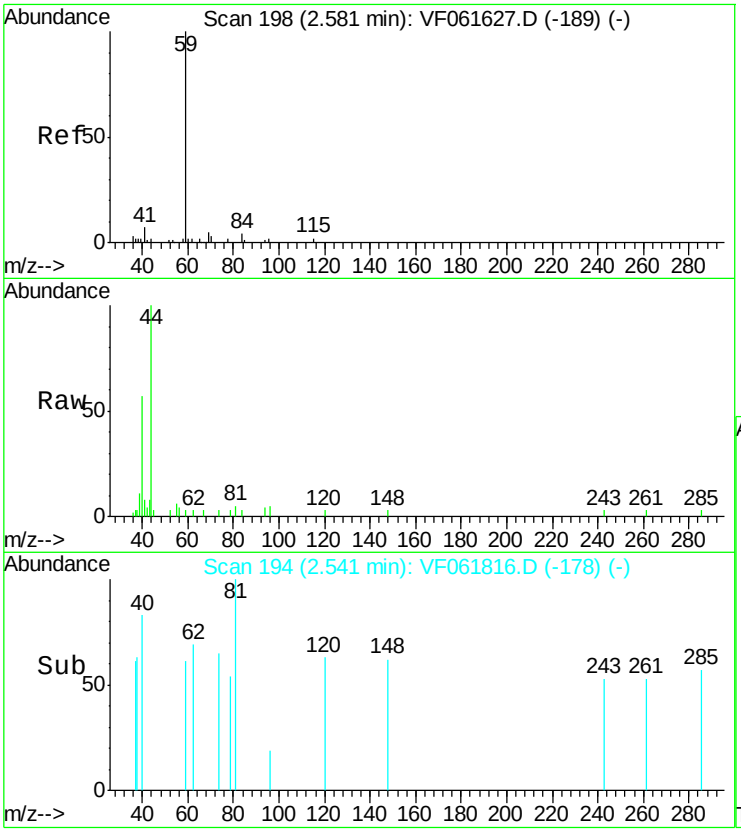


#8
Diethyl Ether
Concen: 1.129 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion: 74 Resp: 967

Ion	Ratio	Lower	Upper
74	100		
45	110.4	60.8	182.3



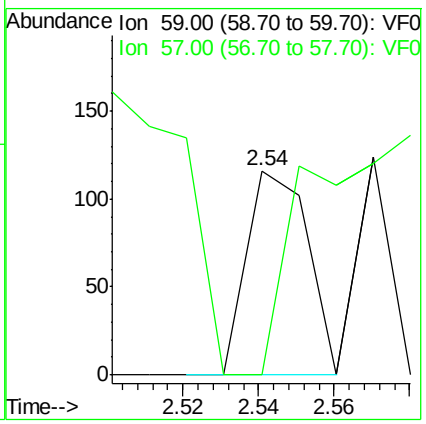


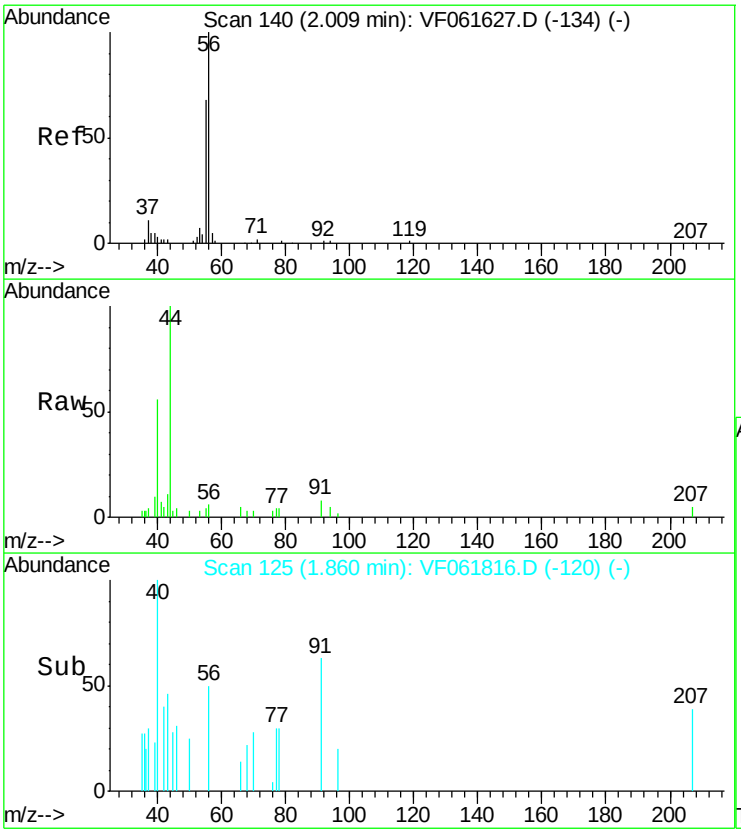
#11
Tert butyl alcohol
Concen: 1.208 ug/l
RT: 2.54 min Scan# 194
Delta R.T. -0.04 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tgt Ion: 59 Resp: 129

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.5	18.7#

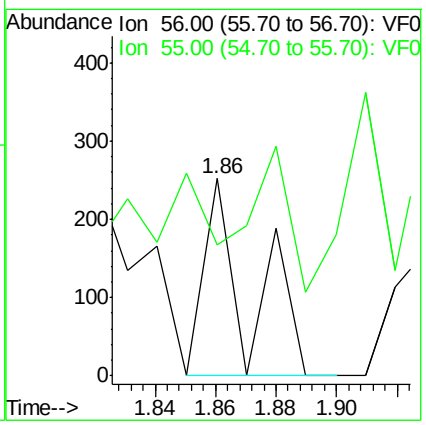


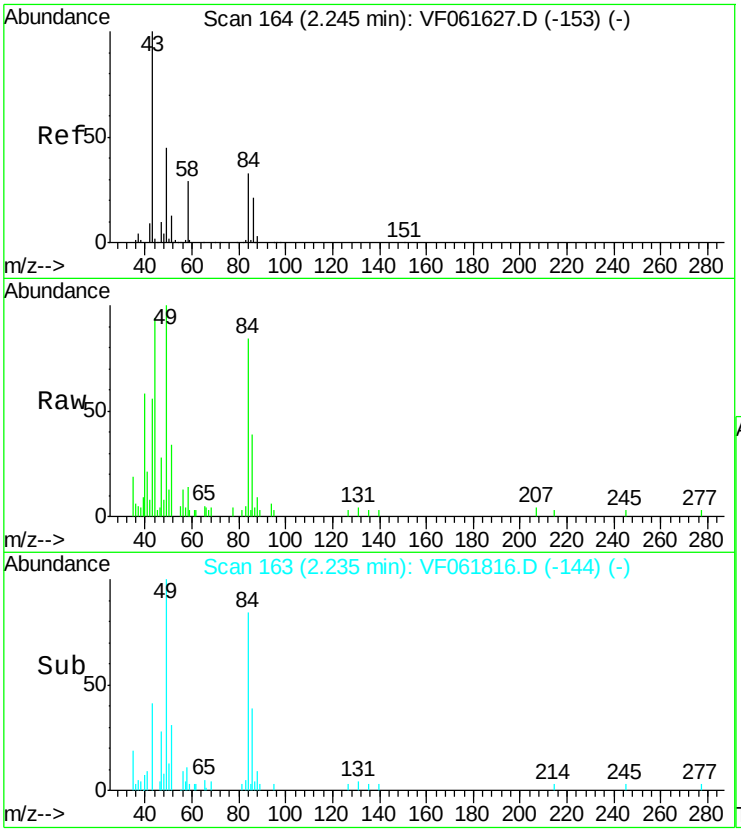


#13
Acrolein
Concen: 1.937 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.15 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion: 56 Resp: 260

Ion	Ratio	Lower	Upper
56	100		
55	66.7	55.0	82.6



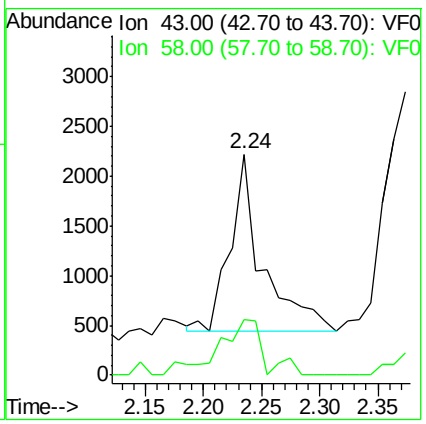


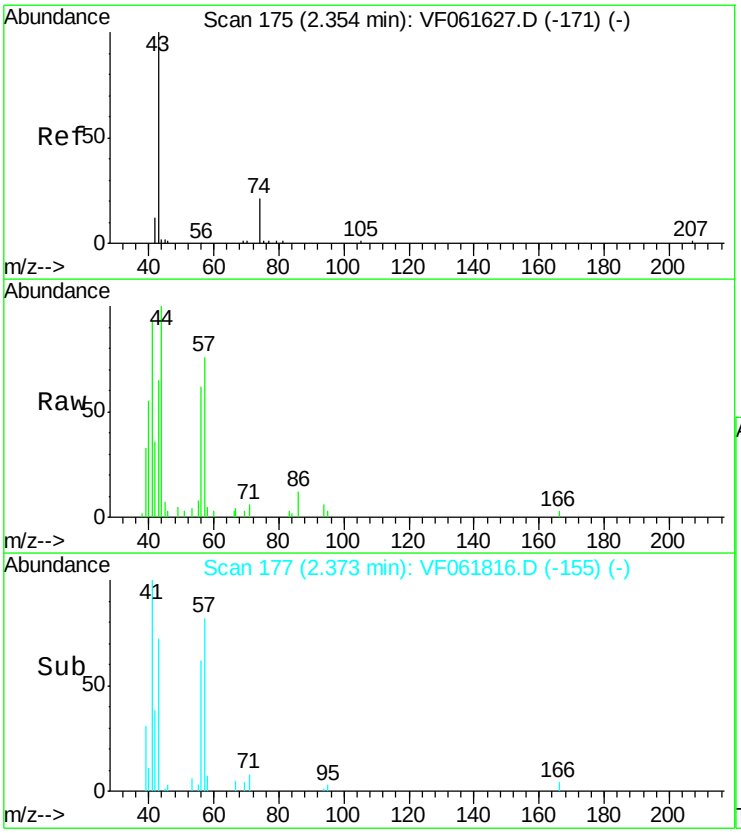
#16
Acetone
Concen: 8.627 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tgt Ion: 43 Resp: 3416

Ion	Ratio	Lower	Upper
43	100		
58	25.4	22.9	34.3

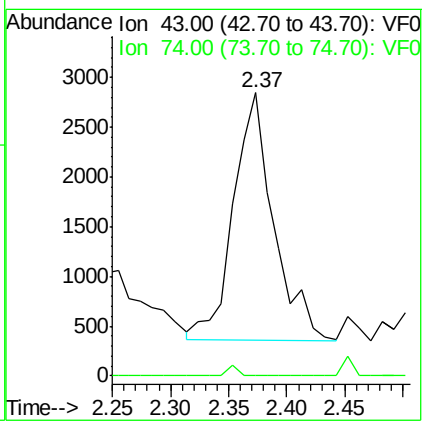


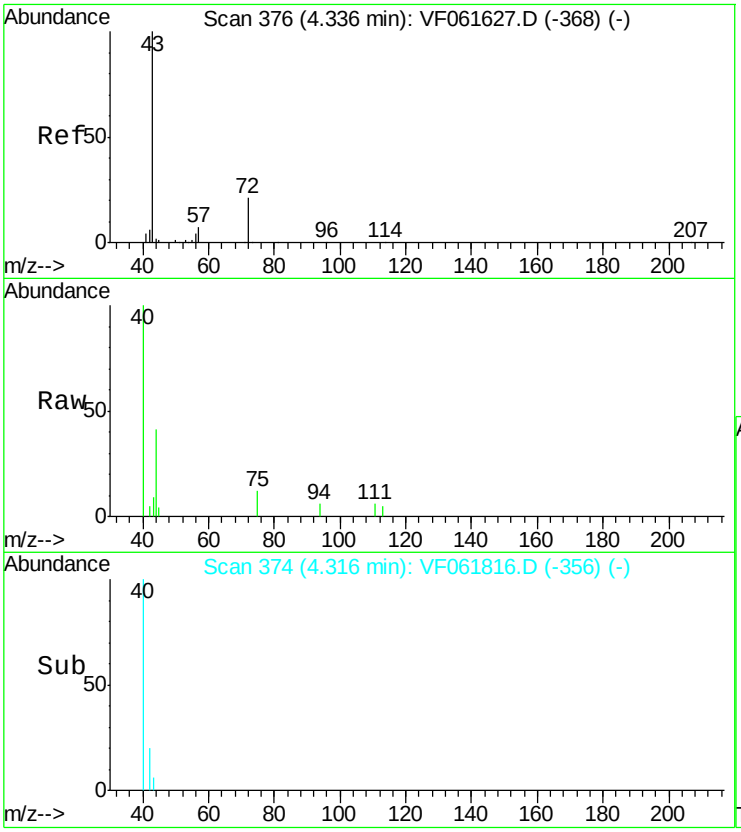


#18
Methyl Acetate
Concen: 6.669 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion: 43 Resp: 5949

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#



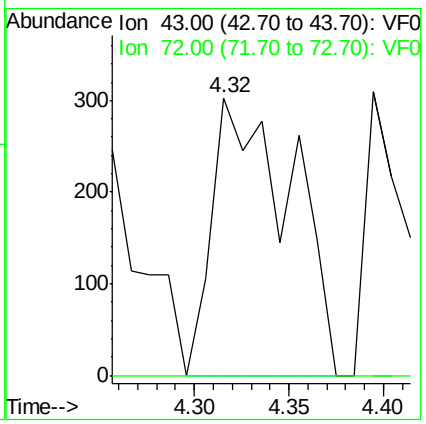


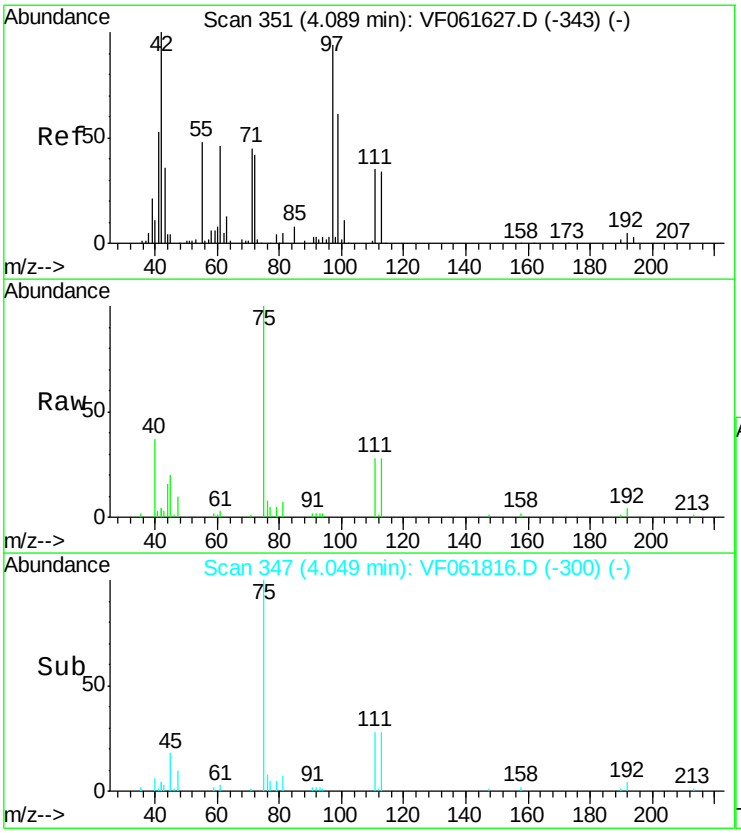
#25
2-Butanone
Concen: 1.016 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tgt Ion: 43 Resp: 879

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.1	25.7#

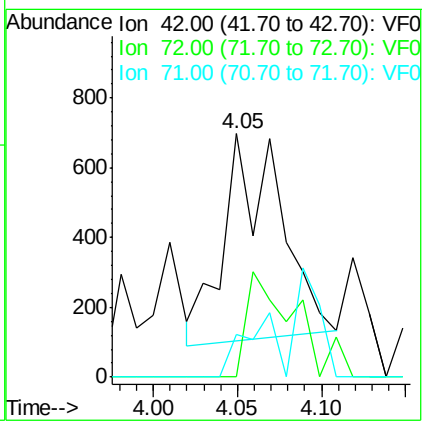


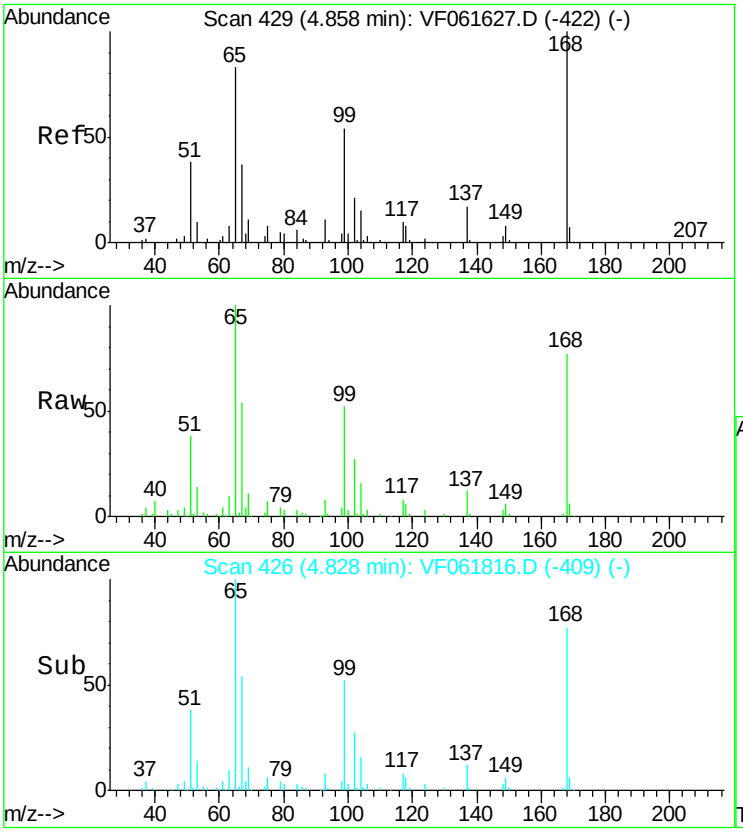


#29
Tetrahydrofuran
Concen: 3.480 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.04 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion: 42 Resp: 1368

Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.2	52.8
71	0.0	32.9	49.3#



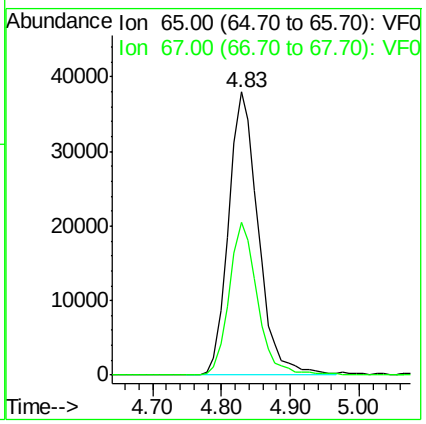


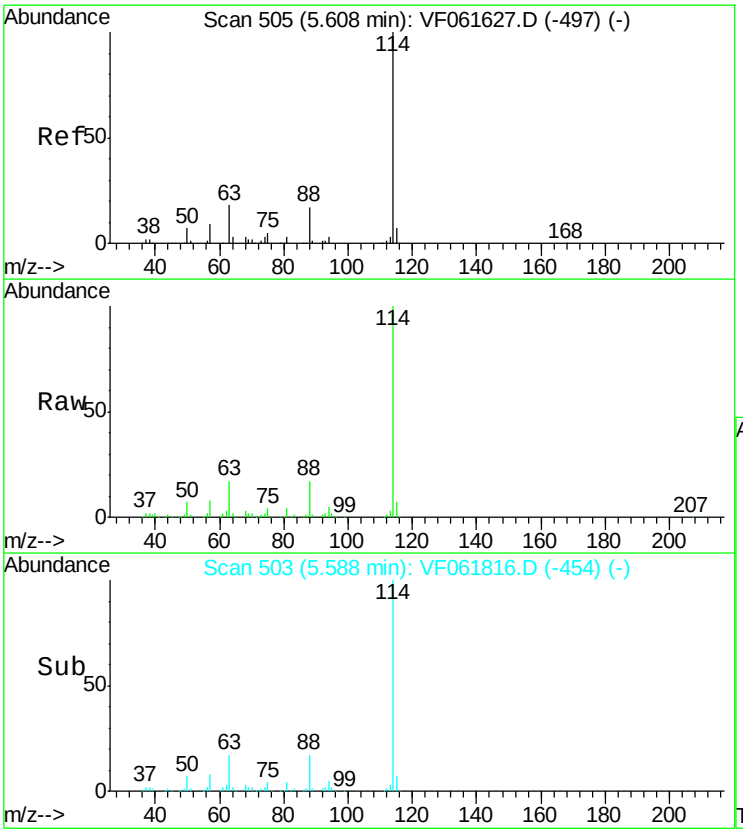
#33
1,2-Dichloroethane-d4
Concen: 61.387 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tgt Ion: 65 Resp: 113293

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	104.0

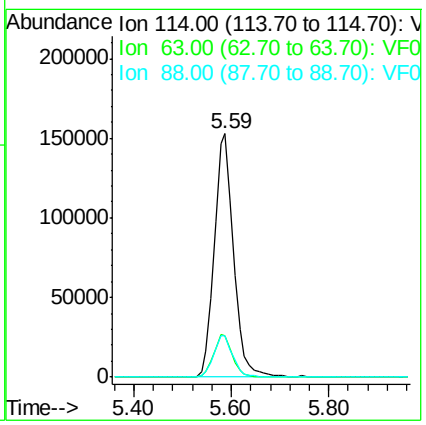


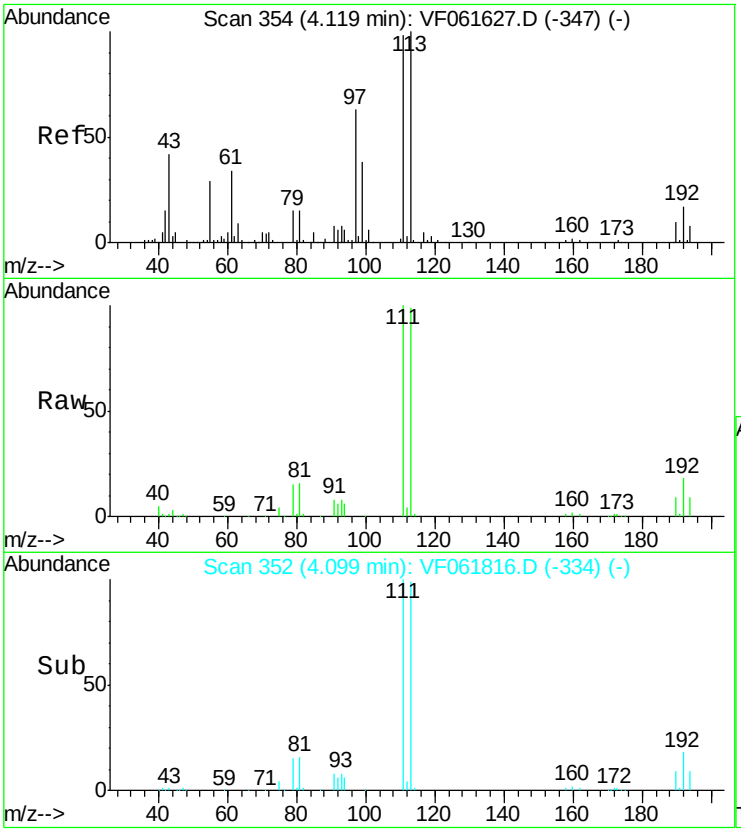


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion:114 Resp: 421637

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	36.6
88	16.8	0.0	34.4



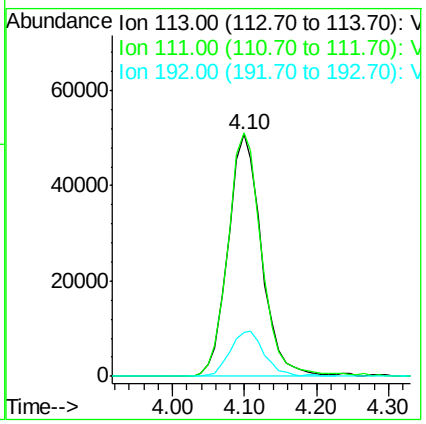


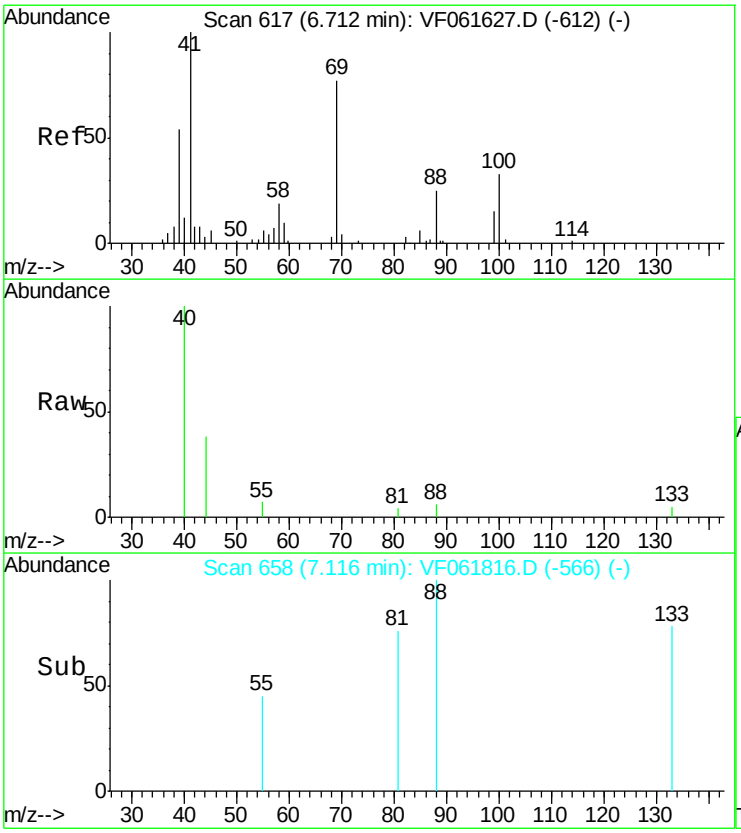
#35
Dibromofluoromethane
Concen: 52.339 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tgt Ion:113 Resp: 163879

Ion	Ratio	Lower	Upper
113	100		
111	100.5	78.8	118.2
192	18.2	13.4	20.0

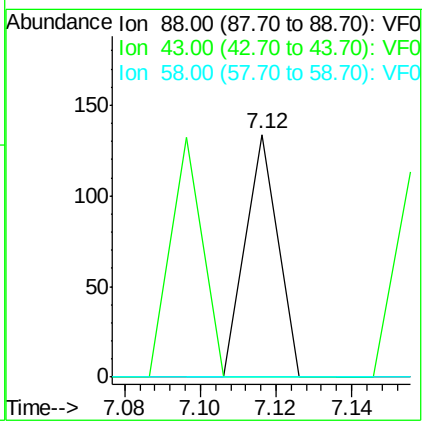


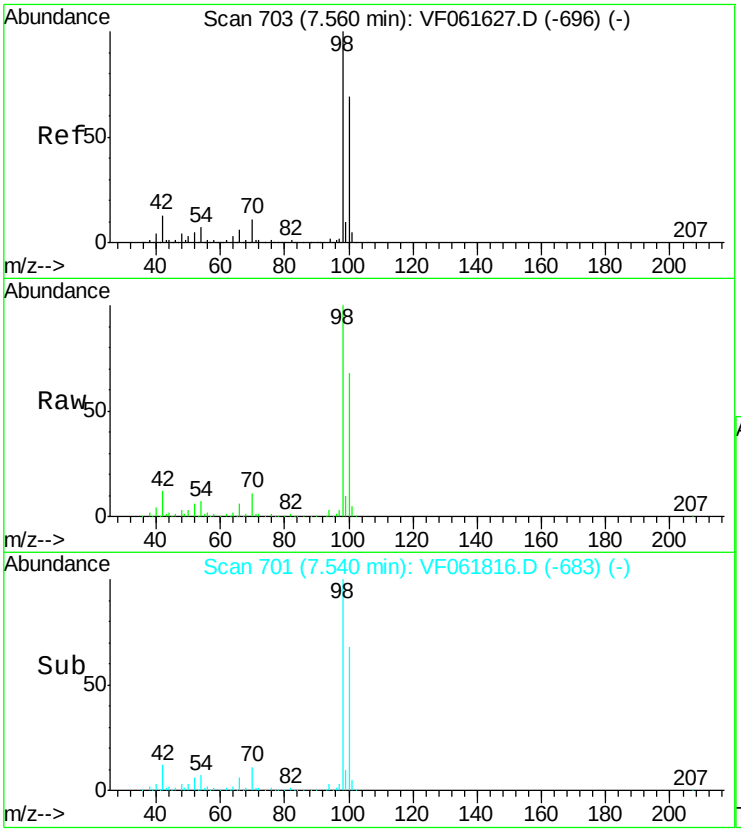


#49
1,4-Dioxane
Concen: 6.081 ug/l
RT: 7.12 min Scan# 658
Delta R.T. 0.40 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.3	48.5#
58	0.0	59.4	89.2#



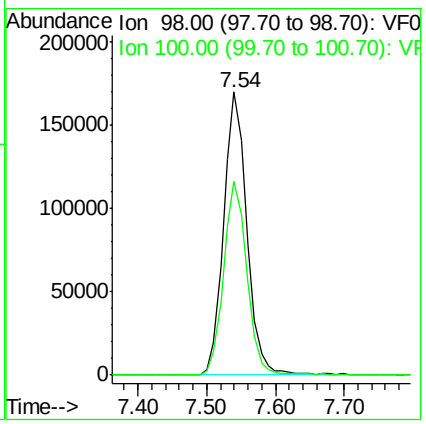


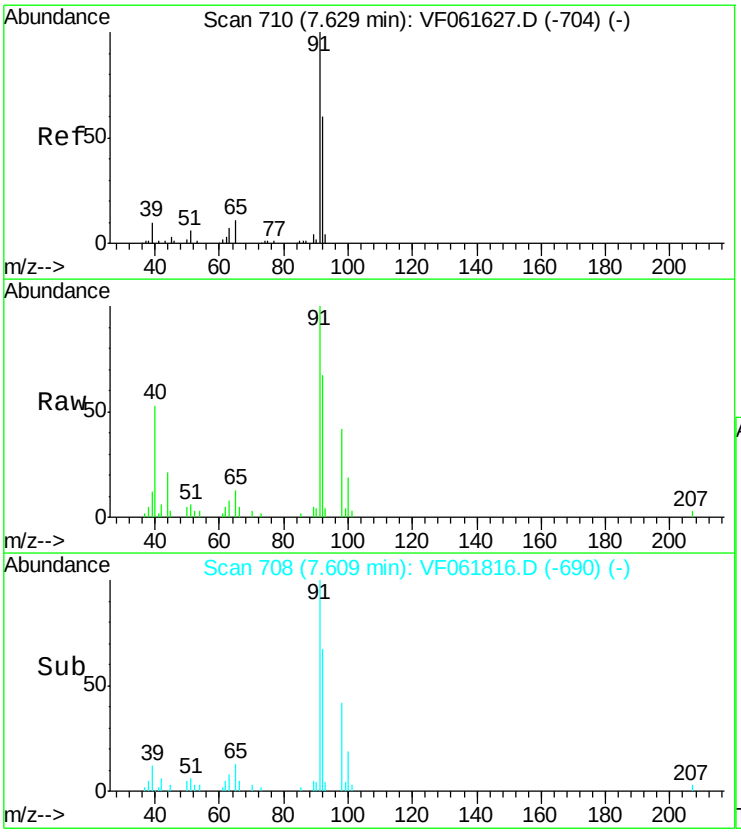
#50
Toluene-d8
Concen: 44.132 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tgt Ion: 98 Resp: 397236

Ion	Ratio	Lower	Upper
98	100		
100	68.5	55.4	83.2

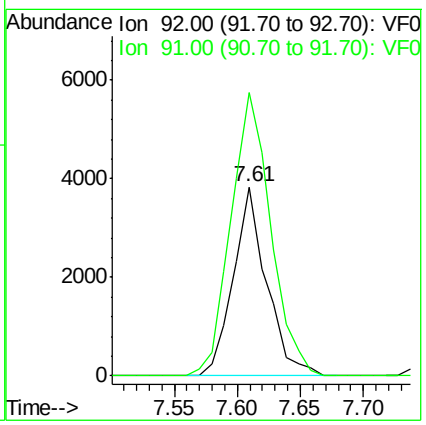


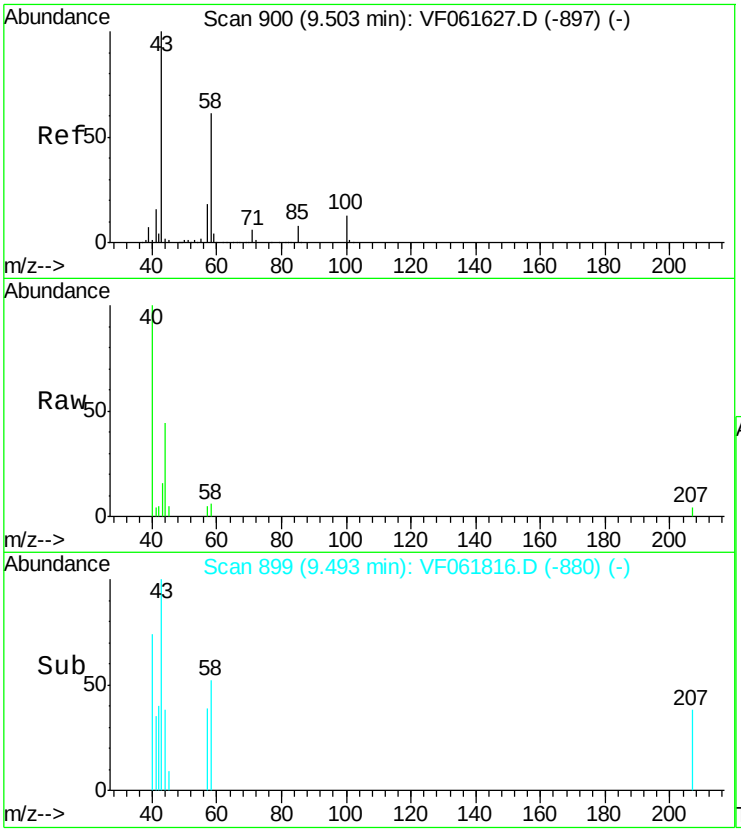


#52
Toluene
Concen: 1.057 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion: 92 Resp: 7001

Ion	Ratio	Lower	Upper
92	100		
91	149.7	133.9	200.9



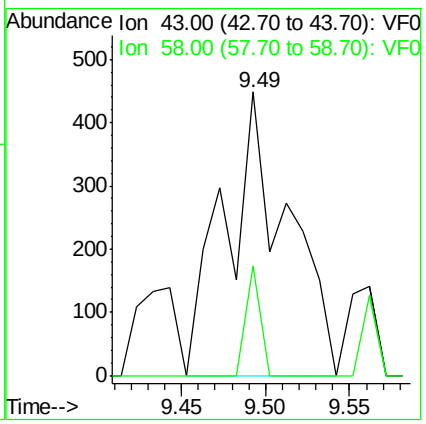


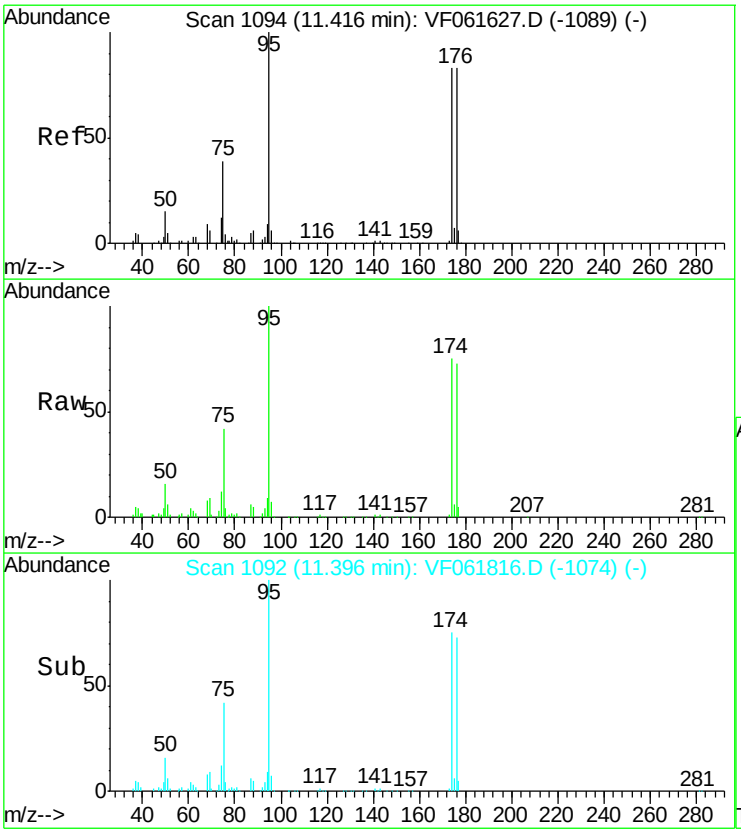
#59
2-Hexanone
Concen: 1.001 ug/l
RT: 9.49 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tgt Ion: 43 Resp: 1151

Ion	Ratio	Lower	Upper
43	100		
58	38.8	28.5	85.5

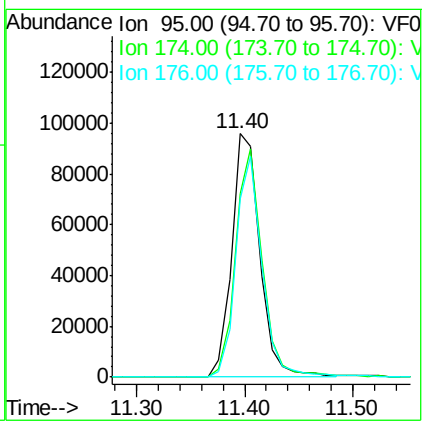


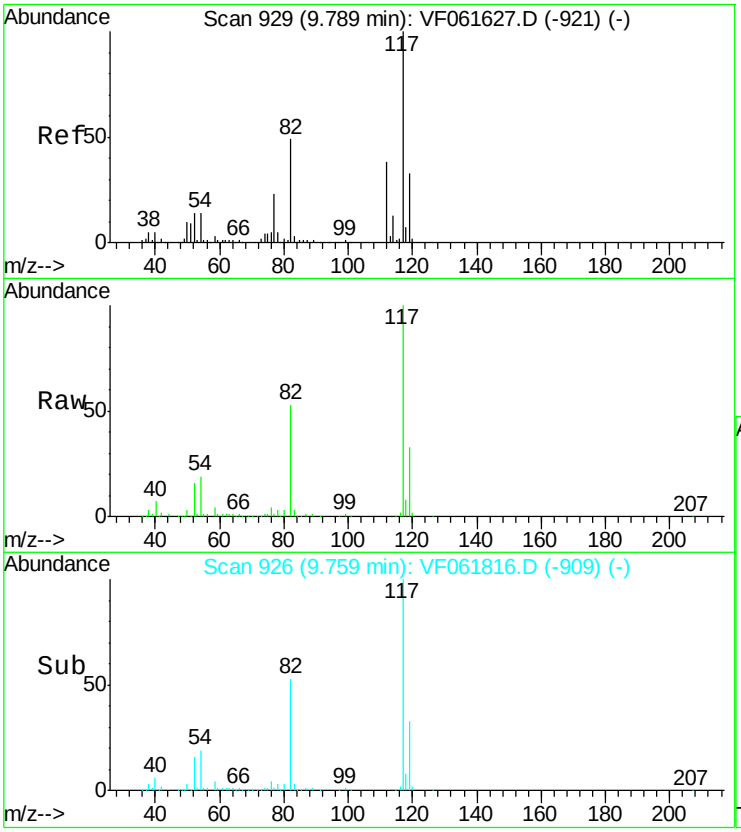


#62
4-Bromofluorobenzene
Concen: 47.628 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion: 95 Resp: 173459

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	165.8
176	73.0	0.0	167.0



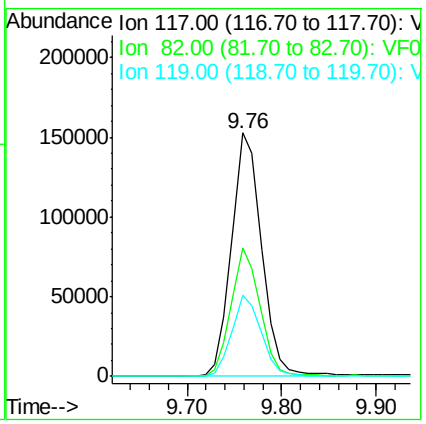


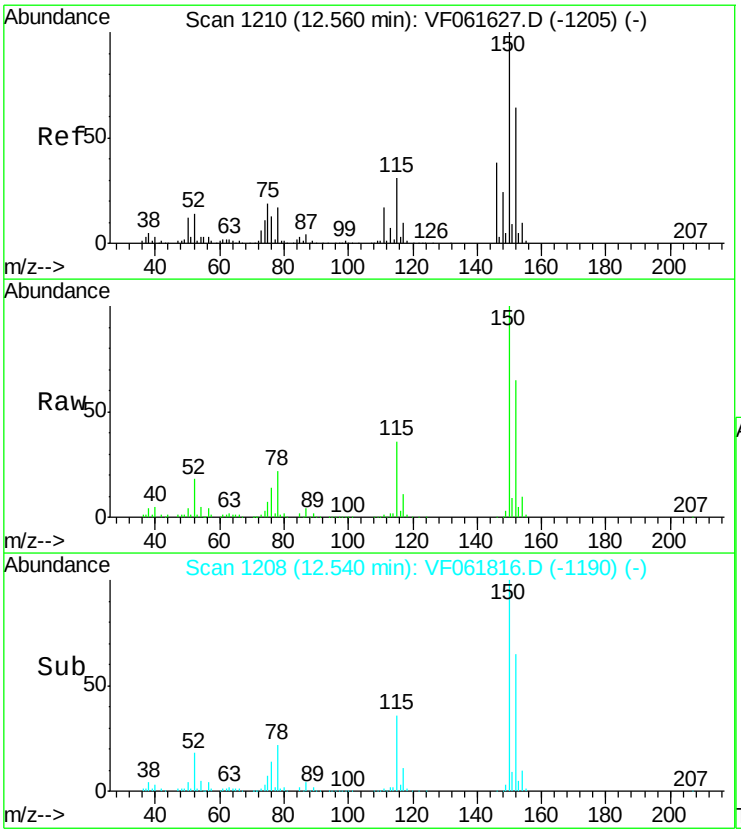
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Instrument :
MSVOA_F
ClientSampleId :
SOIL-PILERE

Tgt Ion:117 Resp: 339144

Ion	Ratio	Lower	Upper
117	100		
82	52.8	39.3	58.9
119	33.1	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061816.D
Acq: 1 Mar 2019 21:42

Tgt Ion:152 Resp: 172299

Ion	Ratio	Lower	Upper
152	100		
115	54.9	24.3	72.8
150	153.7	0.0	312.0