Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042219\
Data File : VF062252.D
Acq On : 22 Apr 2019 18:43
Operator : FY/SY
Sample : K2485-01
Misc : 7.05g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SOIL-CUTTINGS

Quant Time: Apr 23 01:08:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	413165	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	578751	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	449789	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	262235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	163465	43.15	ug/l	0.02
Spiked Amount 50.000			Recovery = 86.30%			
35) Dibromofluoromethane	4.30	113	231858	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.60%			
50) Toluene-d8	7.72	98	464911	36.28	ug/l	0.02
Spiked Amount 50.000			Recovery = 72.56%			
62) 4-Bromofluorobenzene	11.49	95	211225	42.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.70%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.72	59	2401	9.117	ug/l #	31
13) Acrolein	2.12	56	747	Below Cal		96
15) Acrylonitrile	3.12	53	1261	1.572	ug/l #	15
16) Acetone	2.34	43	35194	38.865	ug/l #	87
18) Methyl Acetate	2.47	43	6135	Below Cal #		70
20) Methylene Chloride	2.33	84	6801	Below Cal		95
29) Tetrahydrofuran	4.27	42	1134	1.384	ug/l #	62
36) 1,1-Dichloropropene	4.21	75	53260	7.676	ug/l #	45
49) 1,4-Dioxane	6.88	88	62	2.389	ug/l #	1
51) 4-Methyl-2-Pentanone	8.42	43	4172	1.629	ug/l #	72
59) 2-Hexanone	9.62	43	2110	1.457	ug/l	84
74) N-amyl acetate	11.45	43	1394	Below Cal #		48
89) n-Butylbenzene	12.90	91	1644	Below Cal		74

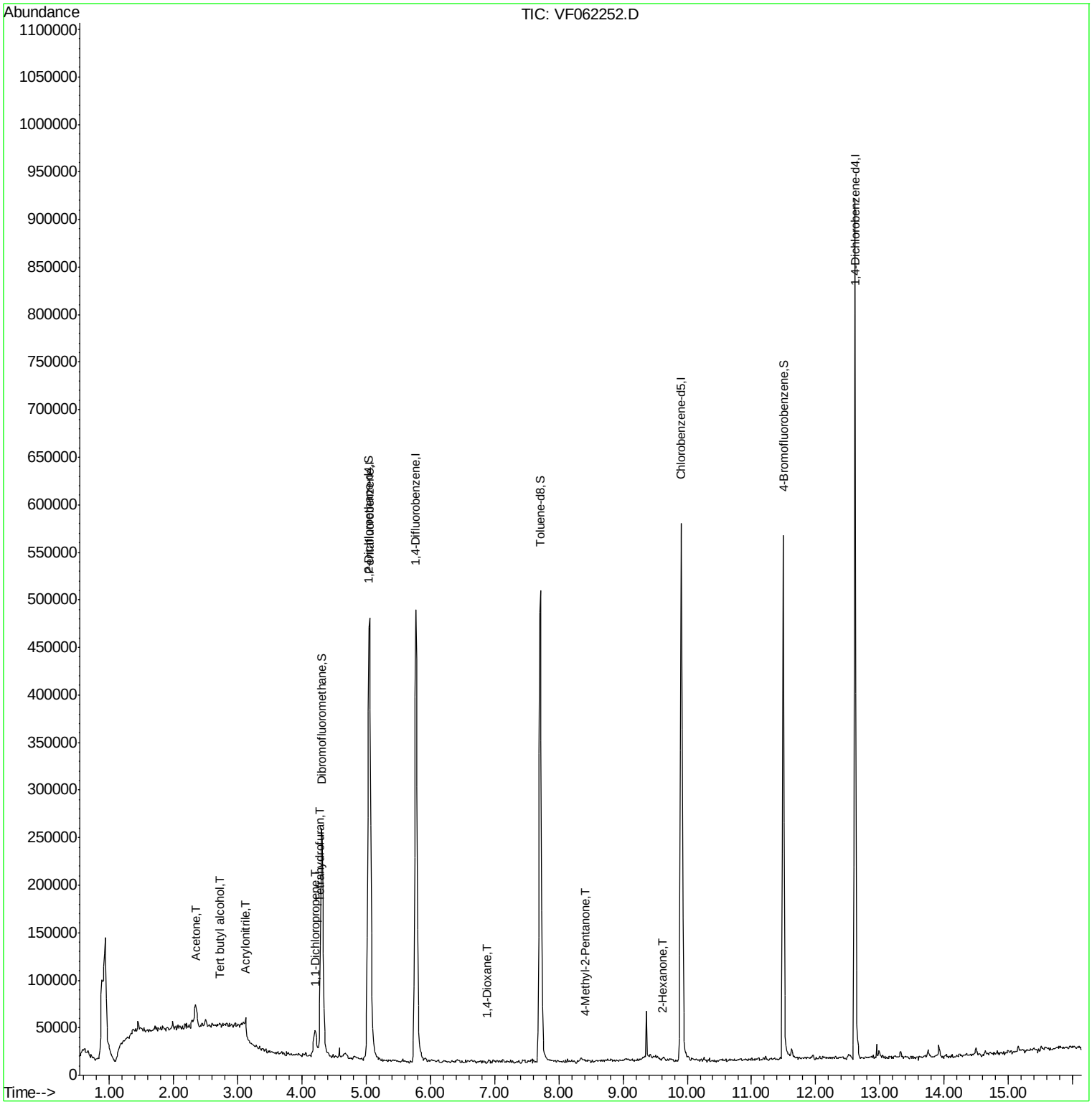
(#) = qualifier out of range (m) = manual integration (+) = signals summed

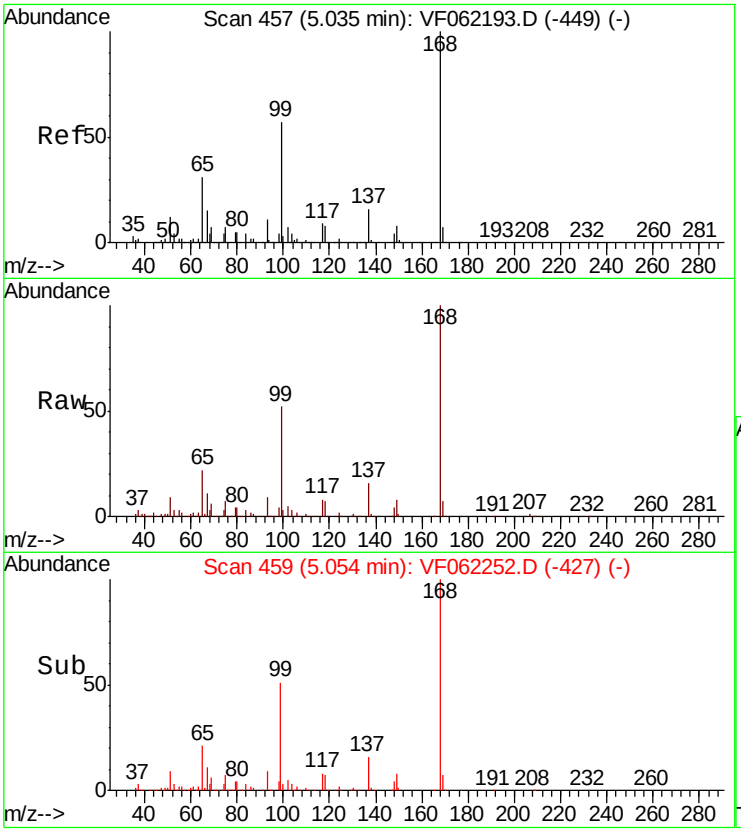
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042219\
Data File : VF062252.D
Acq On : 22 Apr 2019 18:43
Operator : FY/SY
Sample : K2485-01
Misc : 7.05g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

Quant Time: Apr 23 01:08:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration



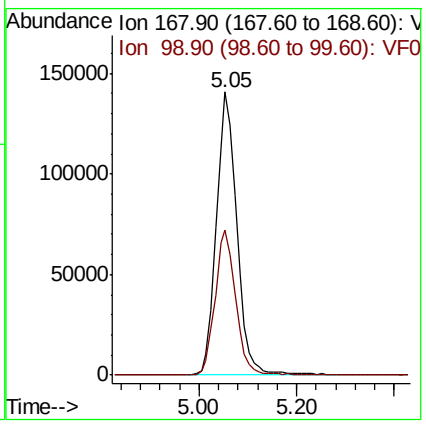


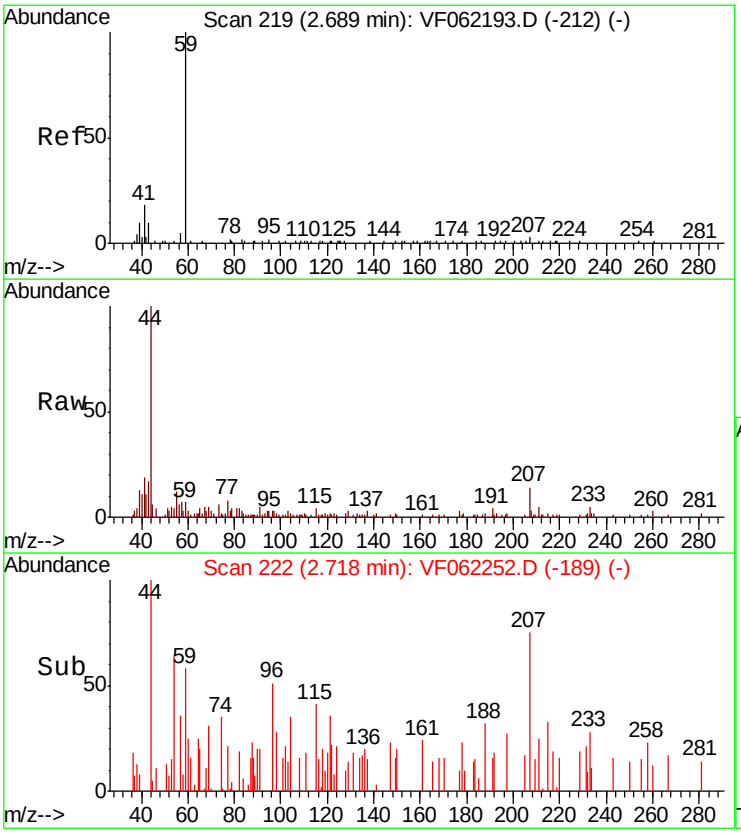
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.02 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:168 Resp: 413165

Ion	Ratio	Lower	Upper
168	100		
99	51.5	45.5	68.3

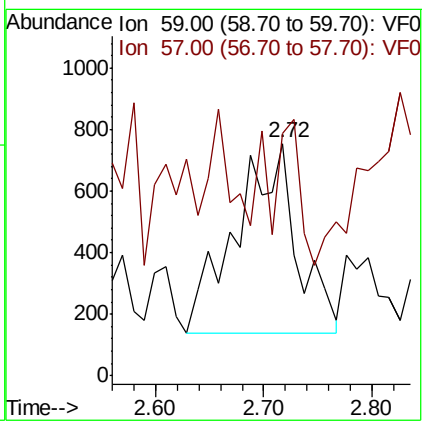


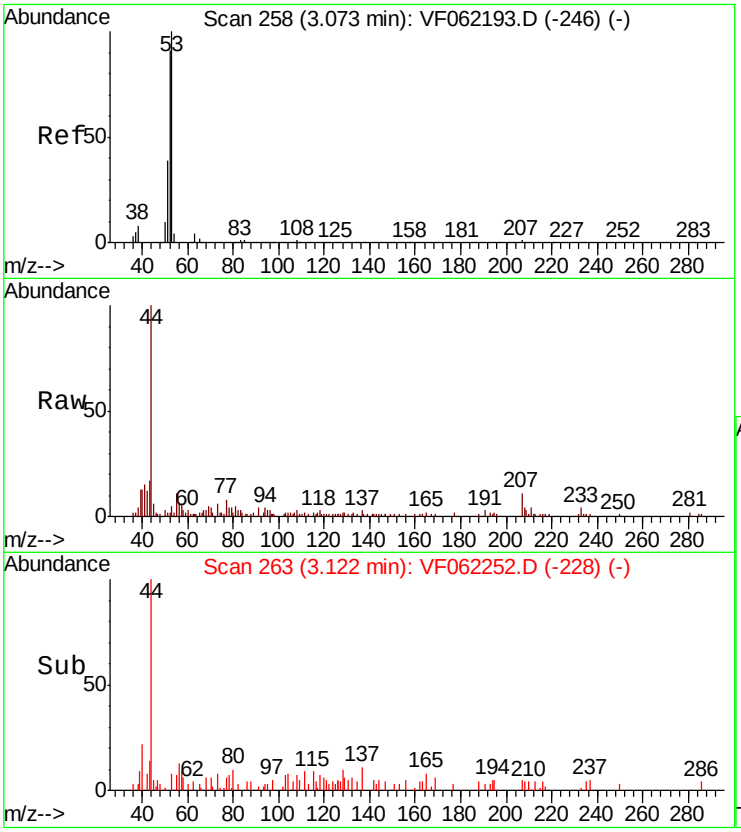


#11
Tert butyl alcohol
Concen: 9.117 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.03 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion: 59 Resp: 2401

Ion	Ratio	Lower	Upper
59	100		
57	38.3	9.3	13.9#



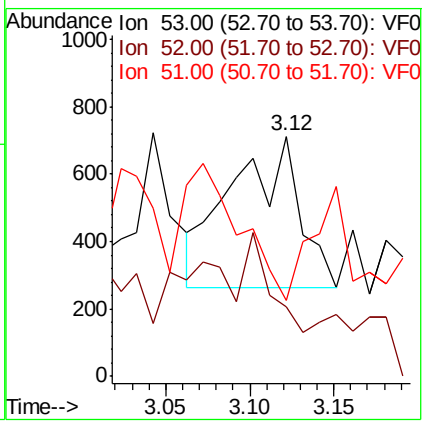


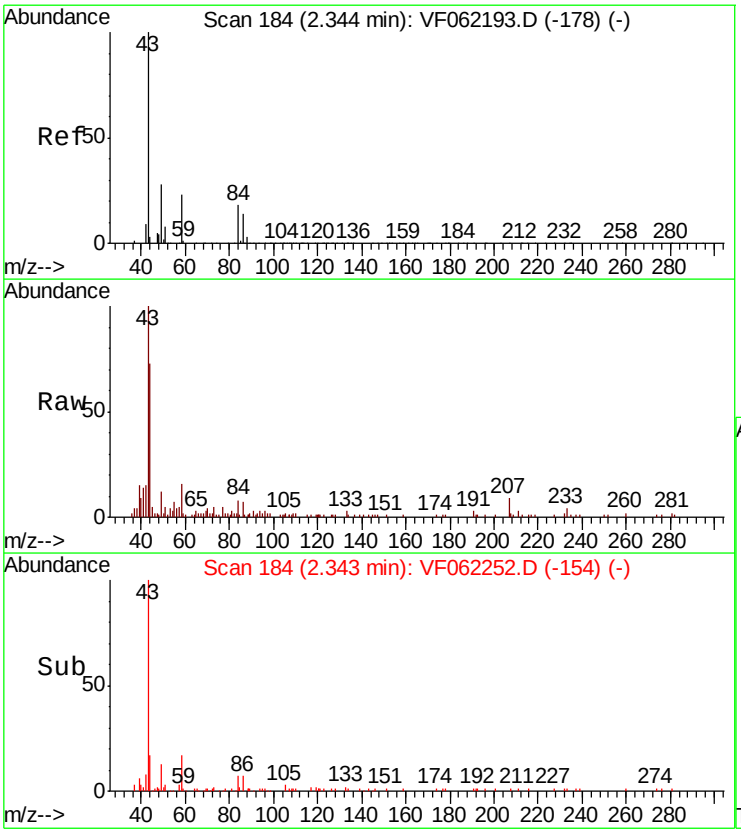
#15
Acrylonitrile
Concen: 1.572 ug/l
RT: 3.12 min Scan# 263
Delta R.T. 0.05 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 53 Resp: 1261

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.5	104.3#
51	0.0	31.8	47.8#

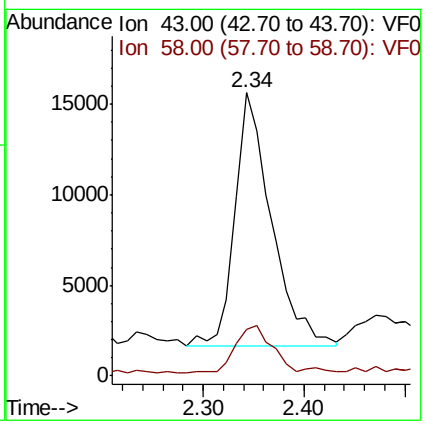


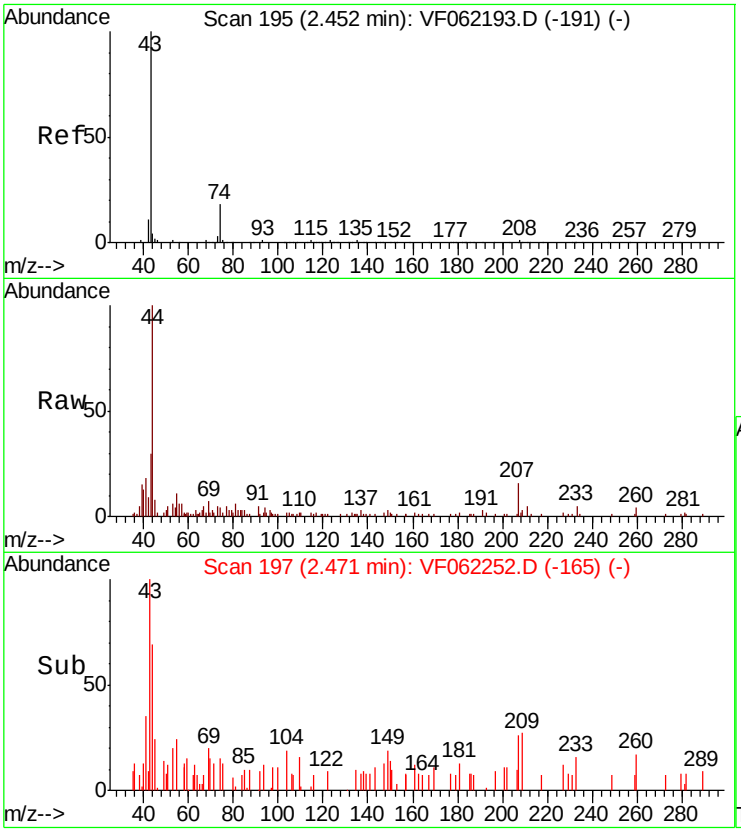


#16
Acetone
Concen: 38.865 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion: 43 Resp: 35194

Ion	Ratio	Lower	Upper
43	100		
58	17.1	18.8	28.2#



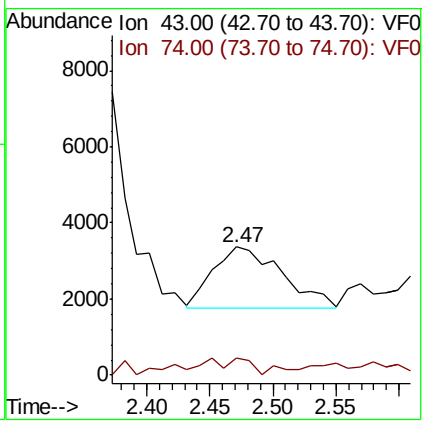


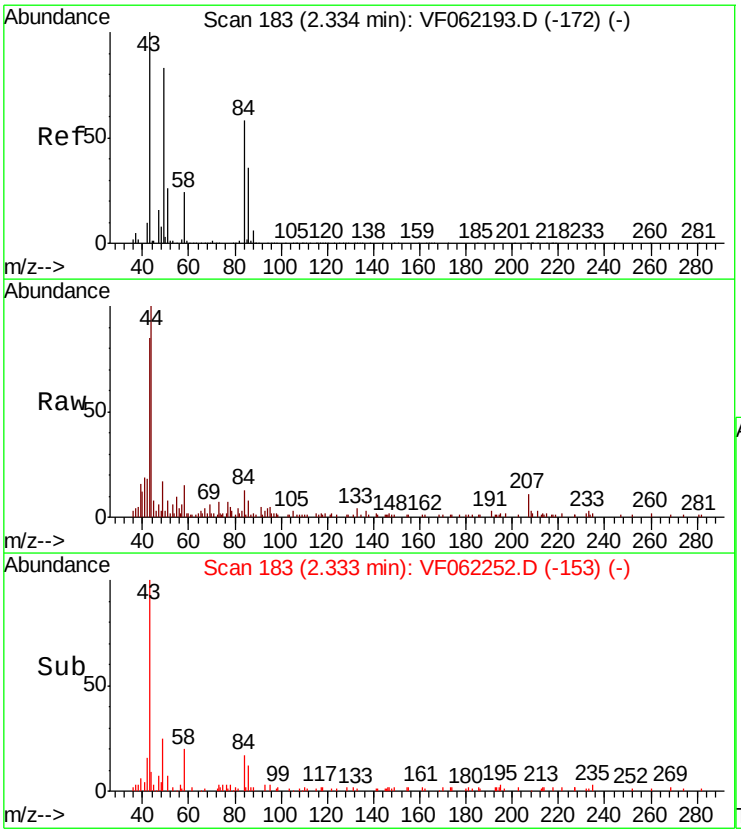
#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 197
Delta R.T. 0.02 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Instrument : MSVOA_F
ClientSampleId : SOIL-CUTTINGS

Tgt Ion: 43 Resp: 6135

Ion	Ratio	Lower	Upper
43	100		
74	5.0	14.5	21.7#

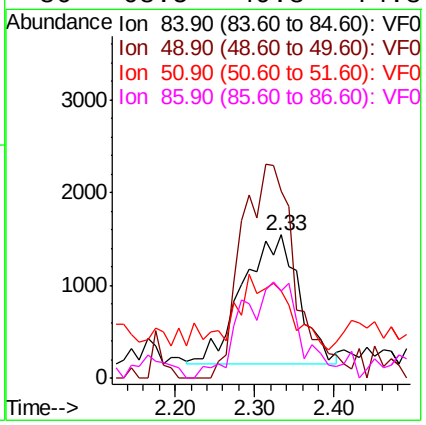


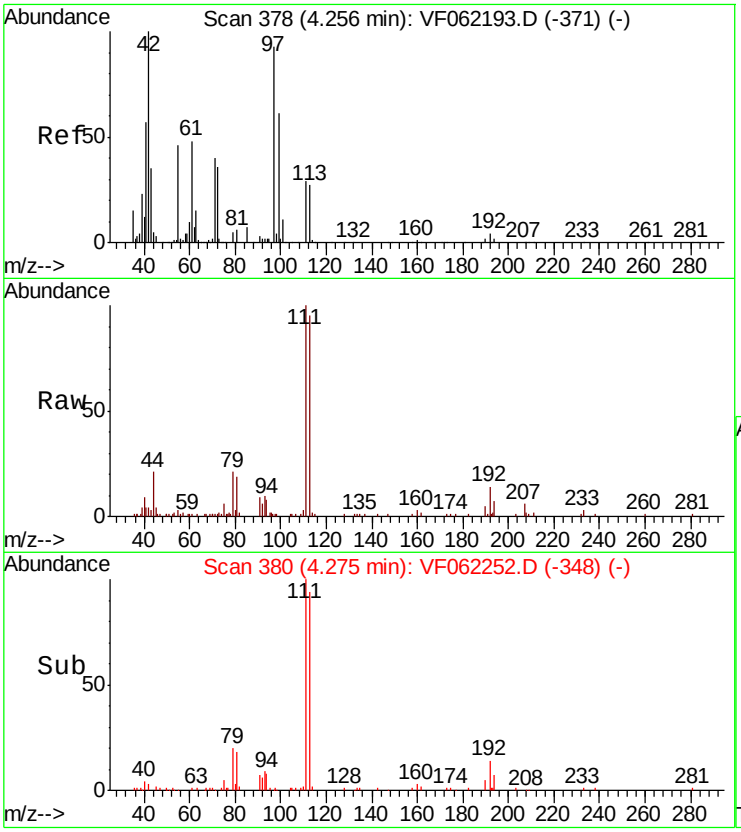


#20
Methylene Chloride
Concen: Below Cal
RT: 2.33 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion: 84 Resp: 6801

Ion	Ratio	Lower	Upper
84	100		
49	147.7	114.0	171.0
51	43.1	37.0	55.4
86	68.5	49.8	74.8



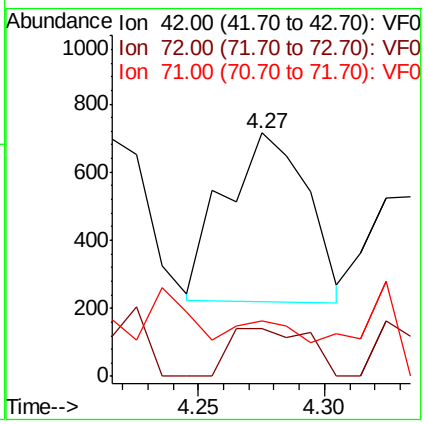


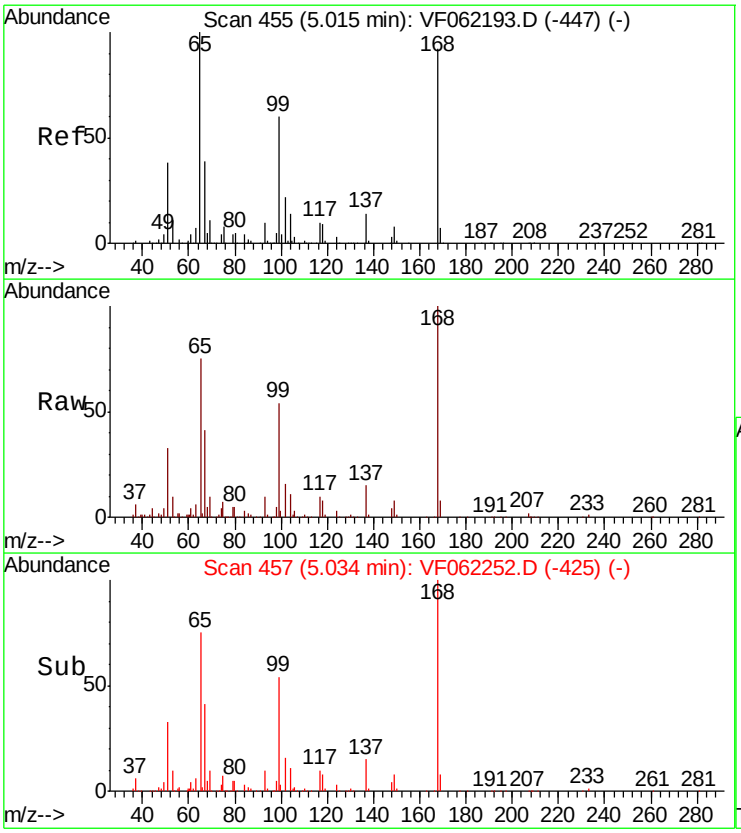
#29
Tetrahydrofuran
Concen: 1.384 ug/l
RT: 4.27 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 42 Resp: 1134

Ion	Ratio	Lower	Upper
42	100		
72	27.6	28.6	43.0#
71	0.0	29.2	43.8#

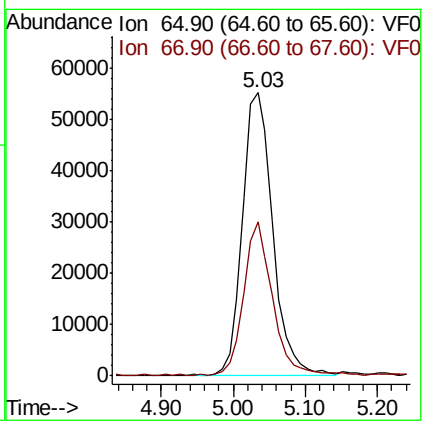


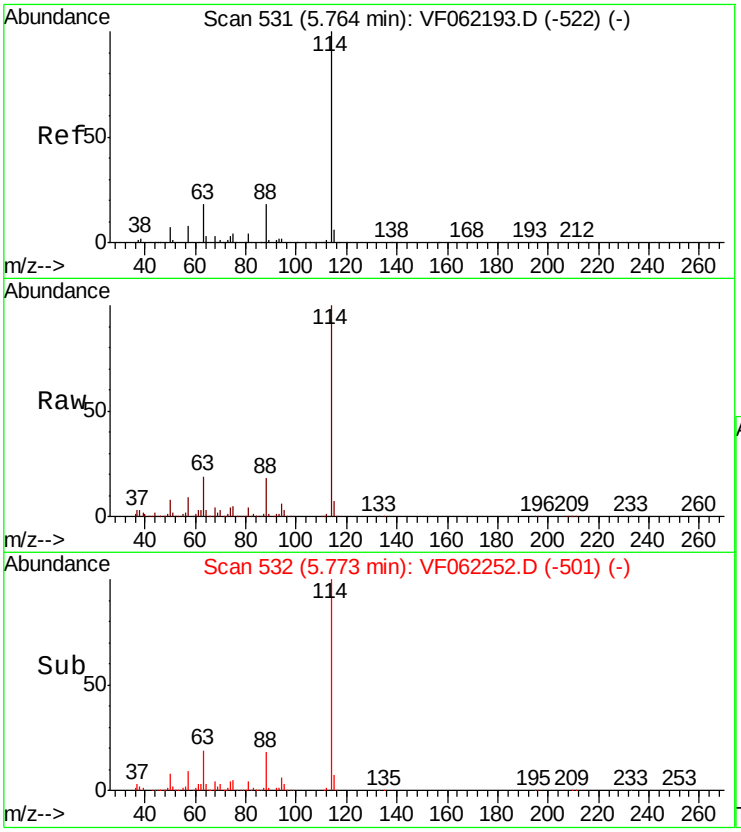


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.02 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion: 65 Resp: 163465

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	109.4



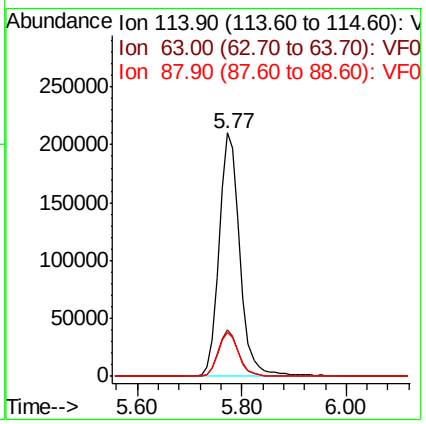


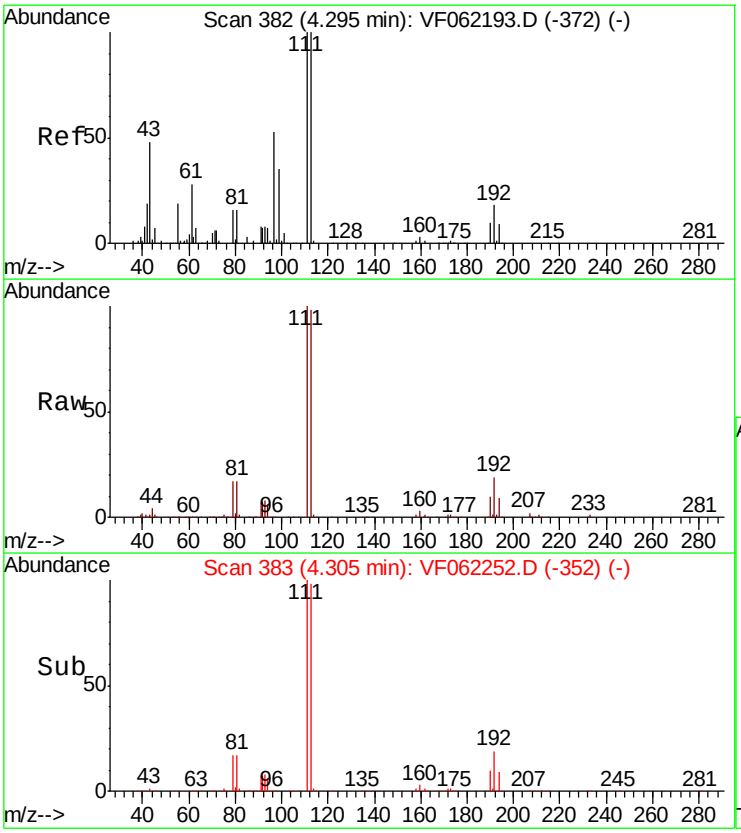
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:114 Resp: 578751

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.6
88	18.2	0.0	35.8

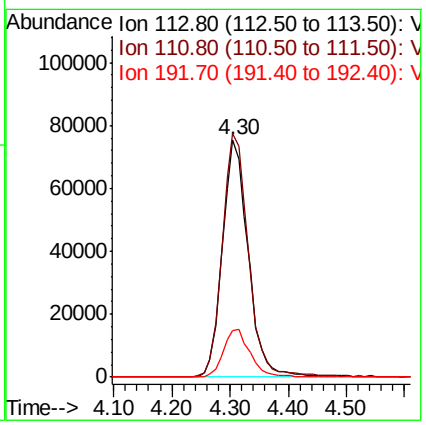


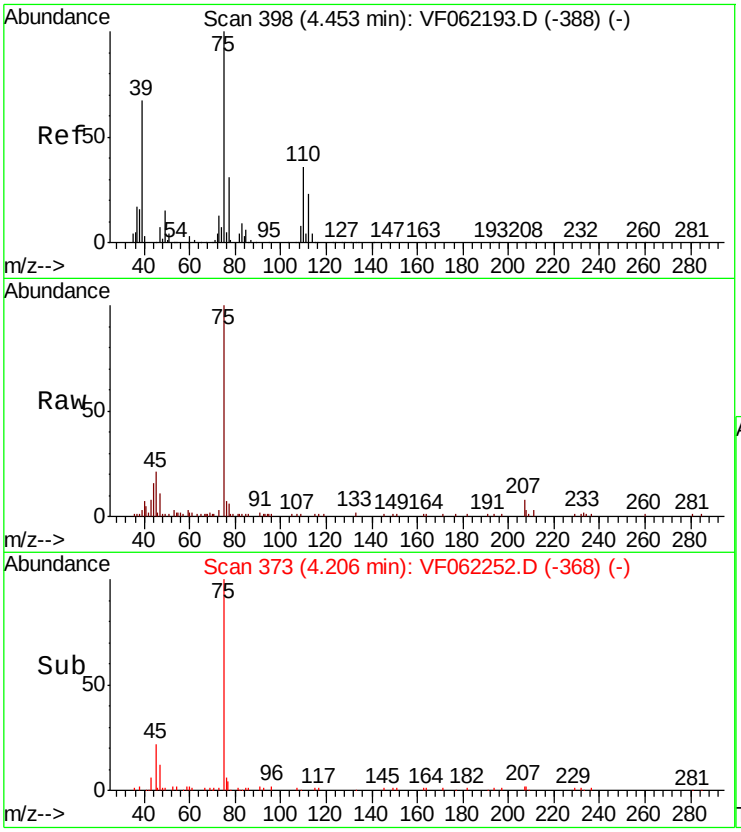


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 4.30 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion:113 Resp: 231858

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.1	121.7
192	20.8	14.7	22.1



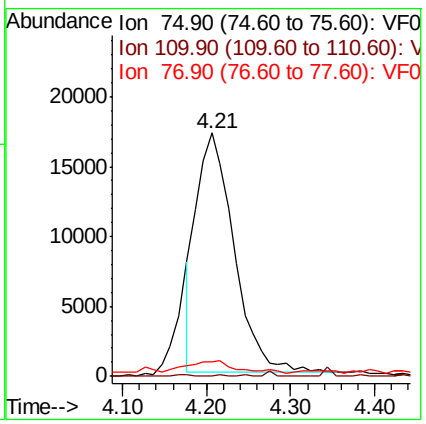


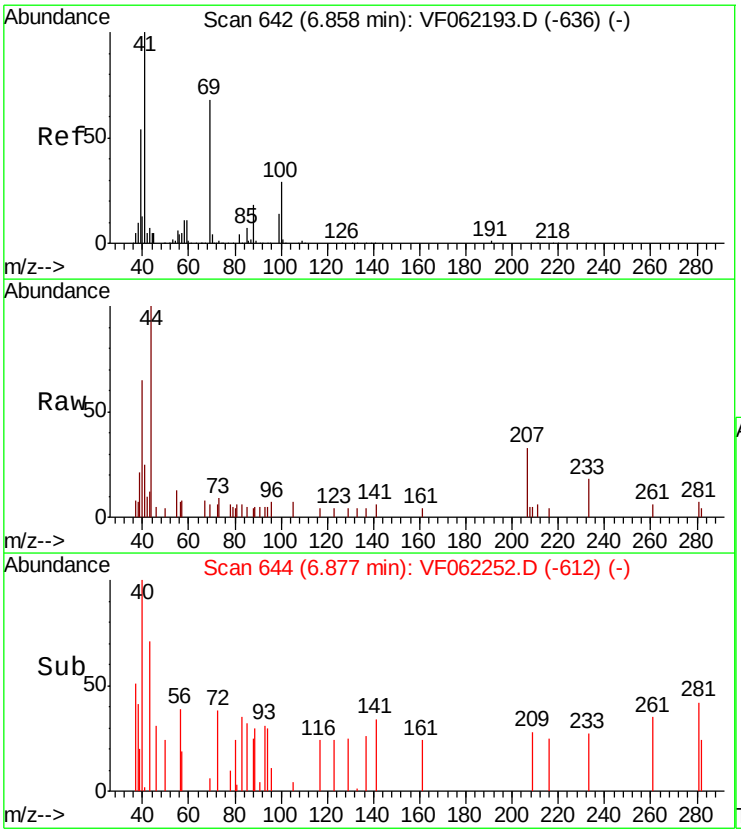
#36
1,1-Dichloropropene
Concen: 7.676 ug/l
RT: 4.21 min Scan# 373
Delta R.T. -0.25 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 75 Resp: 53260

Ion	Ratio	Lower	Upper
75	100		
110	0.1	18.4	55.2#
77	5.3	25.4	38.2#

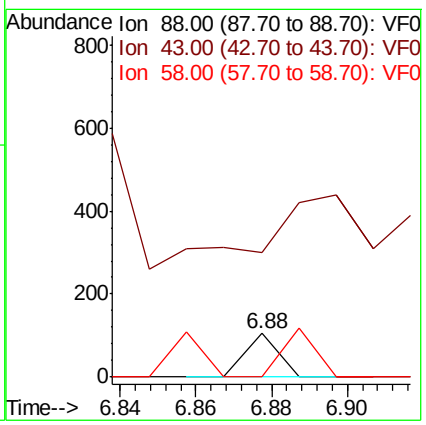


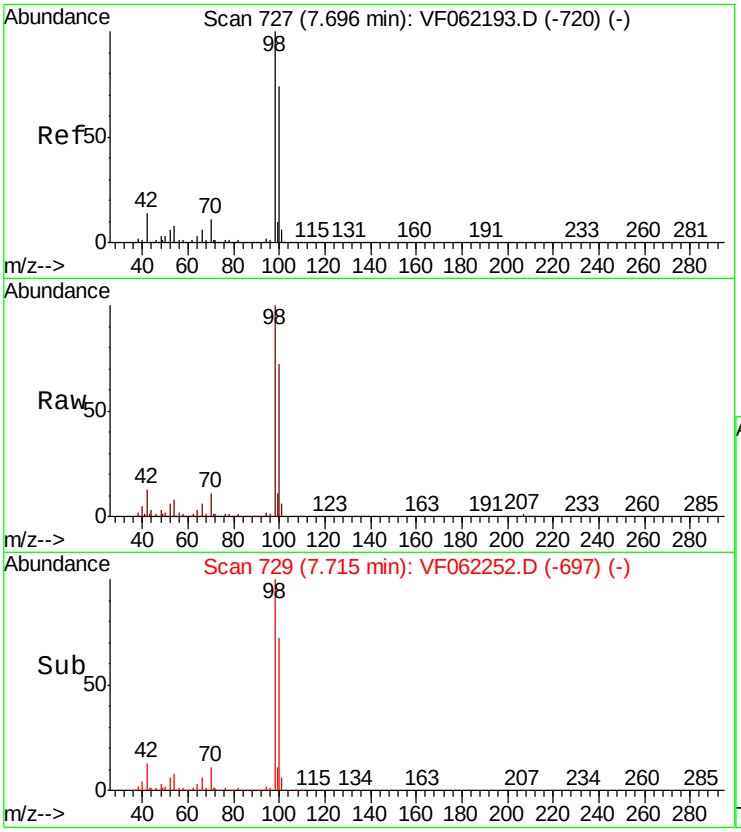


#49
1,4-Dioxane
Concen: 2.389 ug/l
RT: 6.88 min Scan# 644
Delta R.T. 0.02 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	253.2	36.9	55.3#
58	112.9	56.8	85.2#



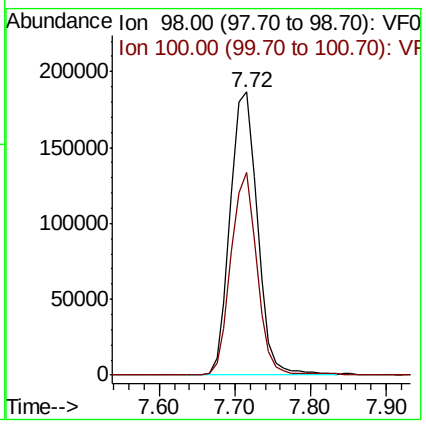


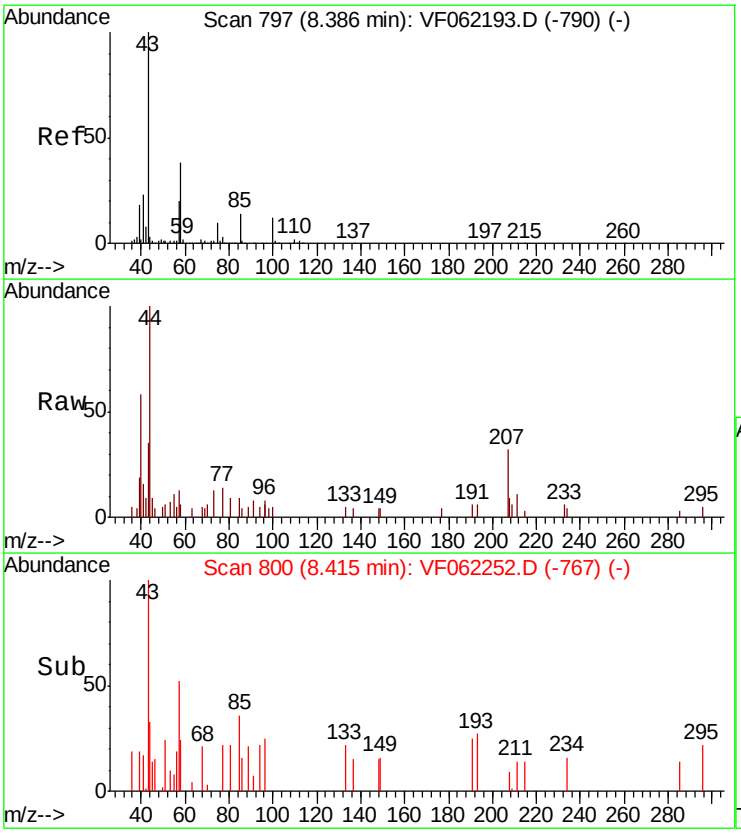
#50
Toluene-d8
Concen: 2.389 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 98 Resp: 464911

Ion	Ratio	Lower	Upper
98	100		
100	68.5	56.2	84.2

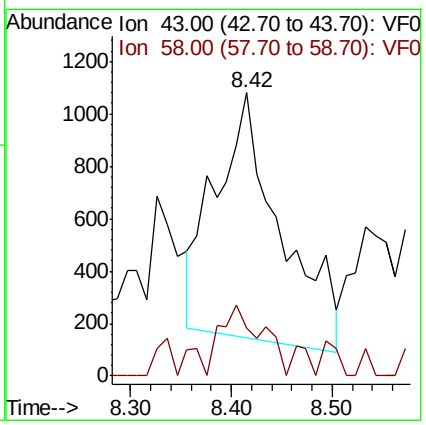


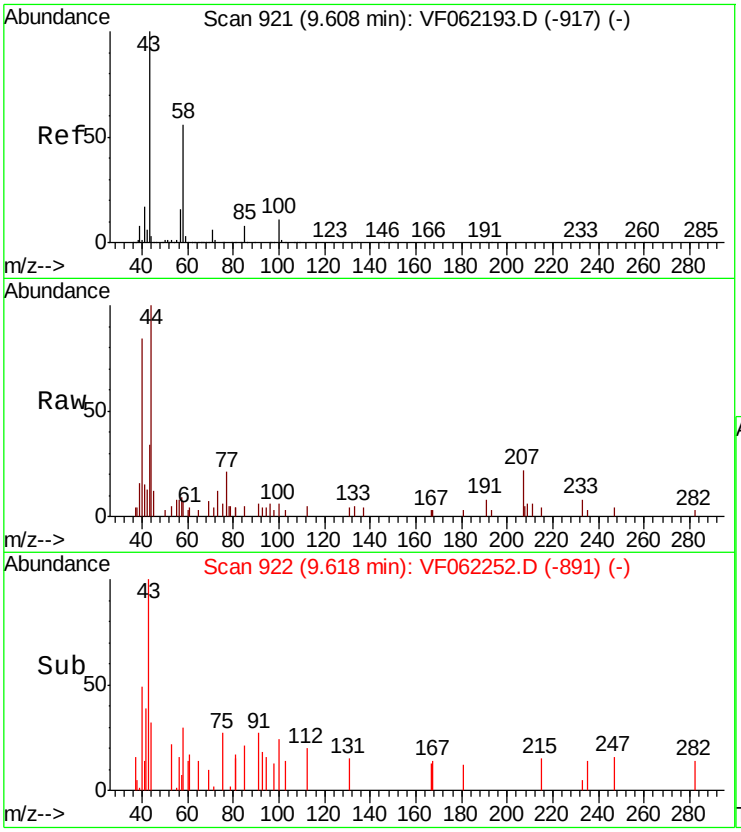


#51
4-Methyl-2-Pentanone
Concen: 1.629 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.03 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion: 43 Resp: 4172

Ion	Ratio	Lower	Upper
43	100		
58	20.1	29.3	43.9#



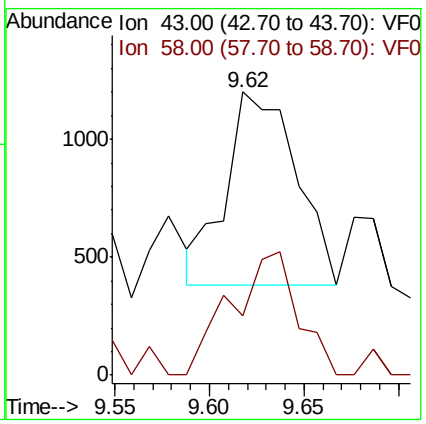


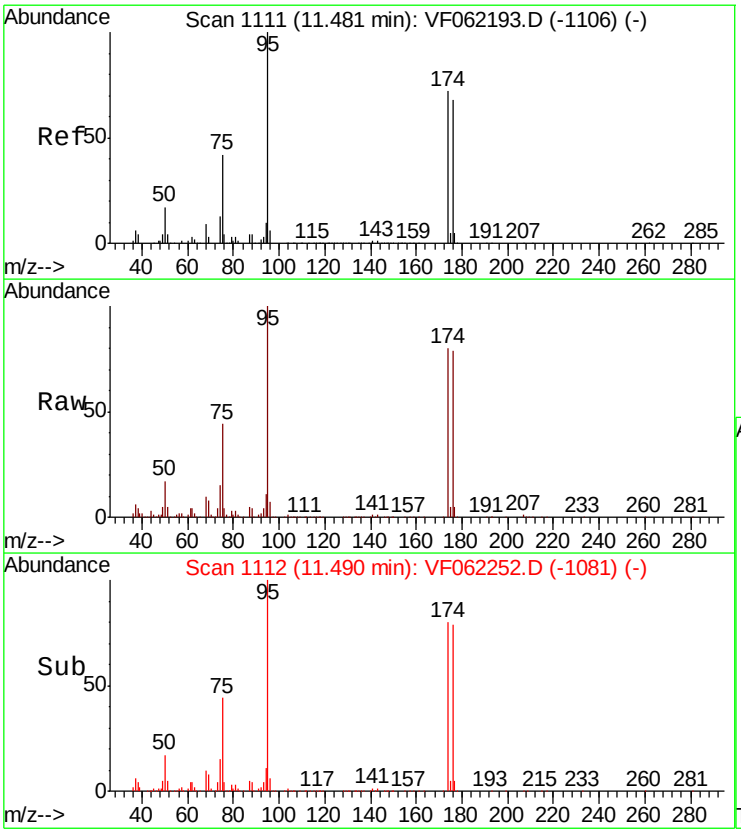
#59
2-Hexanone
Concen: 1.457 ug/l
RT: 9.62 min Scan# 922
Delta R.T. 0.01 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 43 Resp: 2110

Ion	Ratio	Lower	Upper
43	100		
58	60.6	24.6	74.0

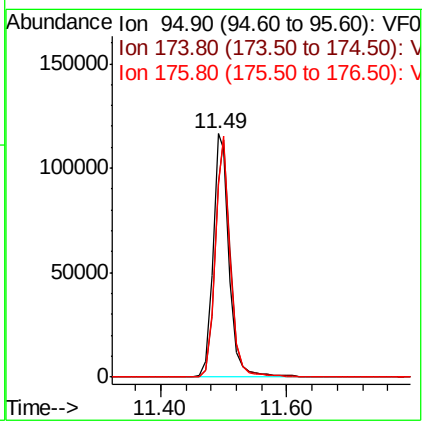


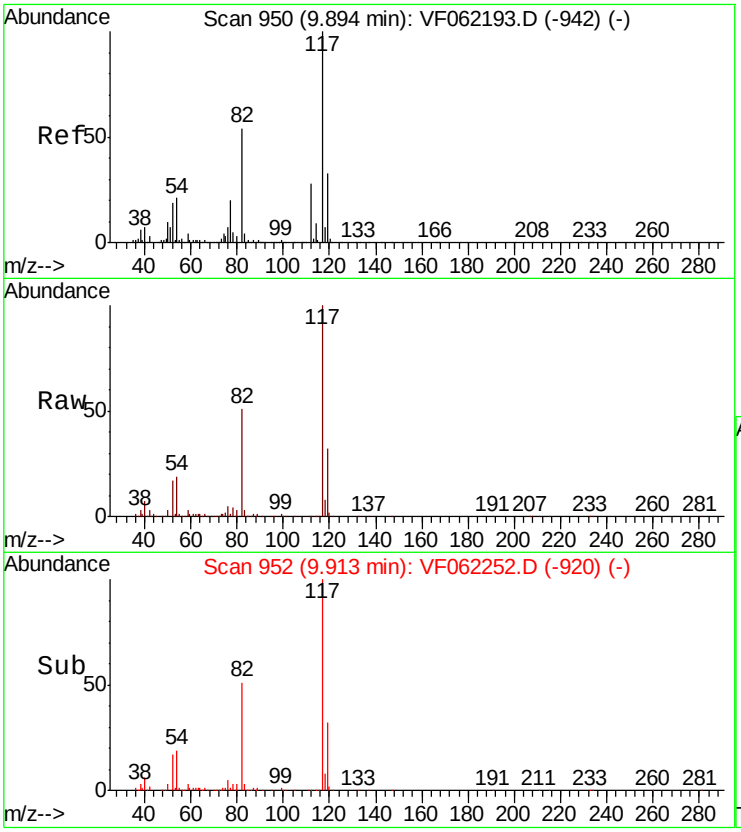


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion: 95 Resp: 211225

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	159.4
176	91.9	0.0	155.4



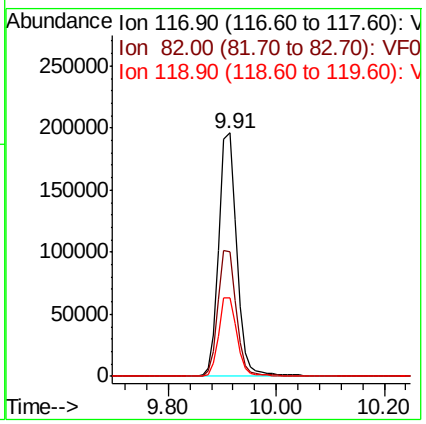


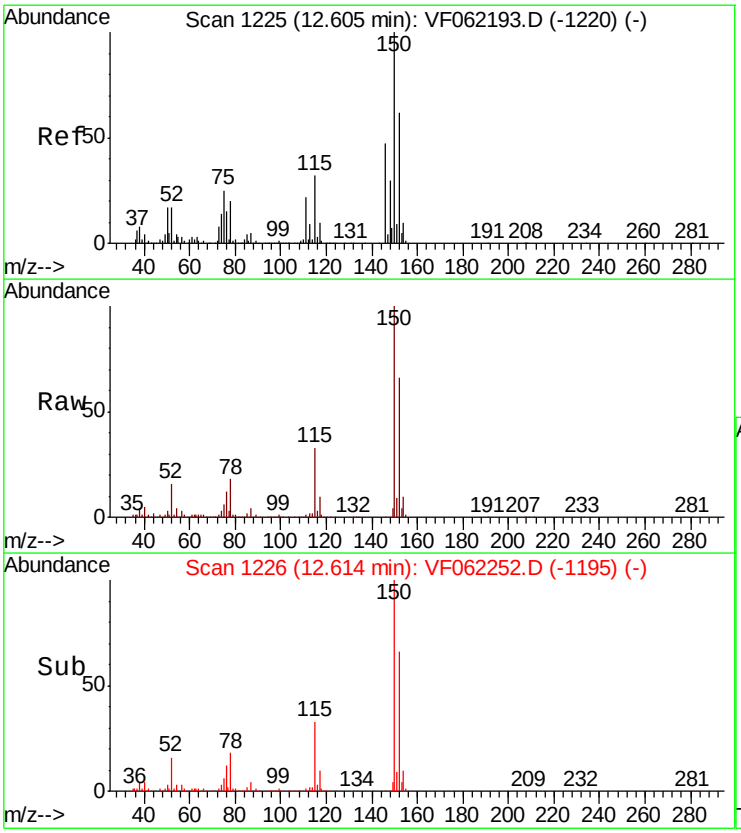
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:117 Resp: 449789

Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.2	64.8
119	32.1	26.2	39.4

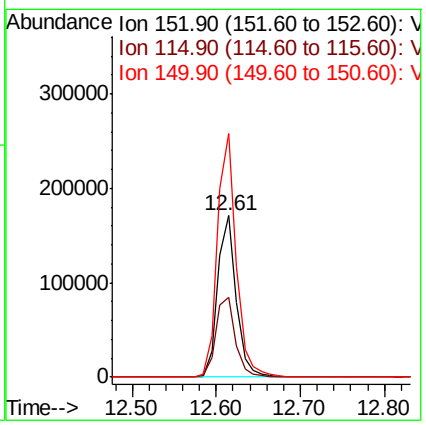


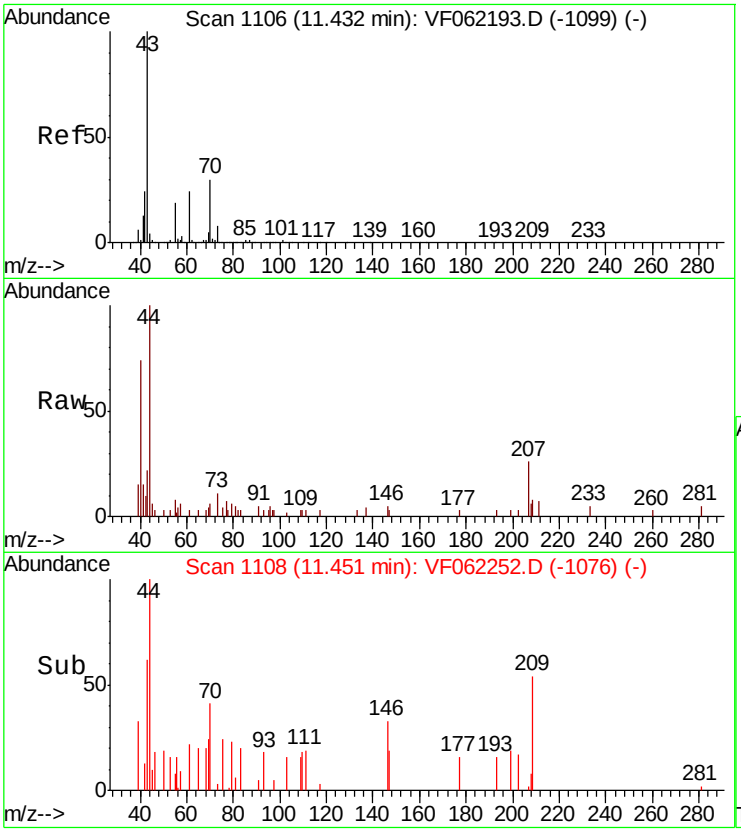


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion:152 Resp: 262235

Ion	Ratio	Lower	Upper
152	100		
115	52.1	27.8	83.3
150	152.0	0.0	341.8



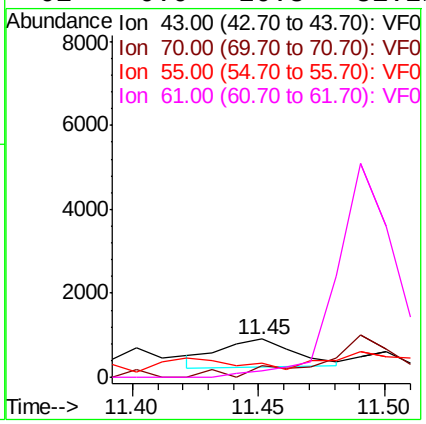


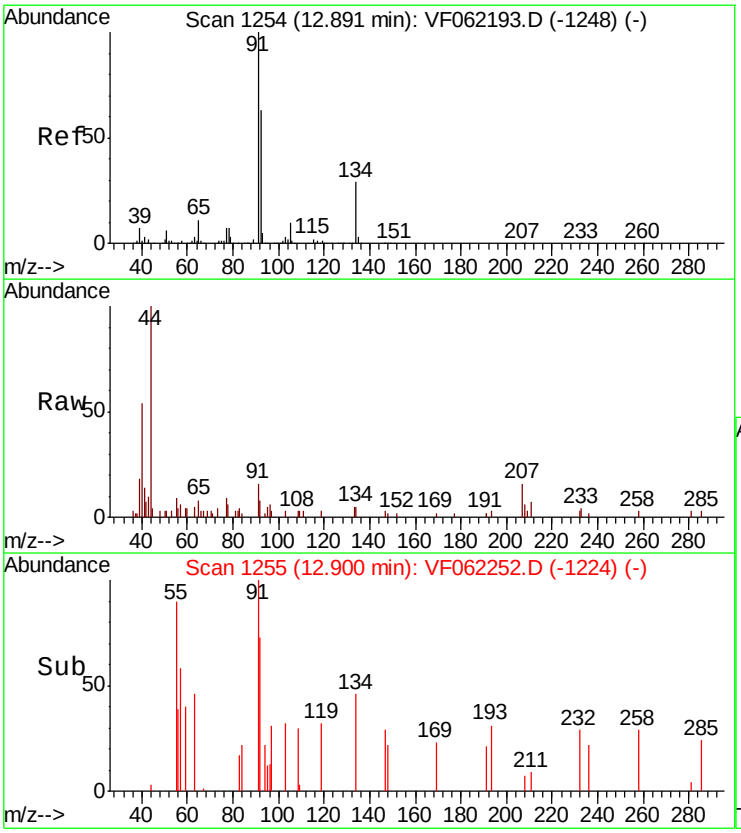
#74
N-amyl acetate
Concen: Below Cal
RT: 11.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 43 Resp: 1394

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.0	40.4#
55	0.0	15.7	23.5#
61	0.0	20.8	31.2#





#89
n-Butylbenzene
Concen: Below Cal
RT: 12.90 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion: 91 Resp: 1644

Ion	Ratio	Lower	Upper
91	100		
92	38.6	31.2	93.6
134	19.1	13.1	39.1