

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080418\
 Data File : VF059881.D
 Acq On : 4 Aug 2018 13:01
 Operator : VA/AP
 Sample : J4333-17
 Misc : 5.80g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-5

Quant Time: Aug 06 02:58:11 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	124676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	172569	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	137191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	40576	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	135327	60.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.42%	
35) Dibromofluoromethane	4.30	113	106467	62.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.02%	
50) Toluene-d8	7.71	98	149022	40.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.58%	
62) 4-Bromofluorobenzene	11.51	95	48158	23.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.92%	

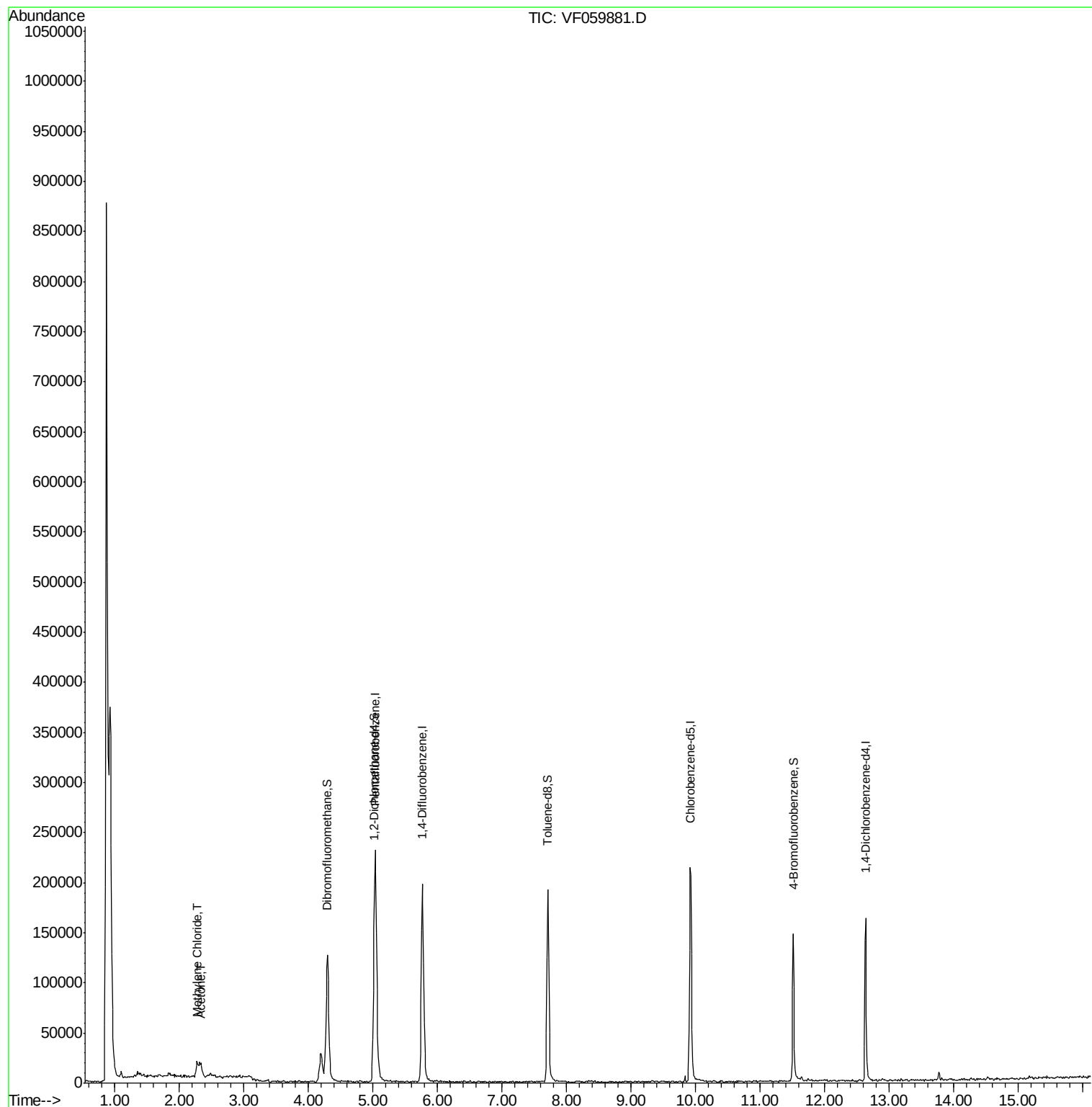
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.35	43	9917	23.90	ug/l	98
20) Methylene Chloride	2.28	84	10292	4.48	ug/l #	85

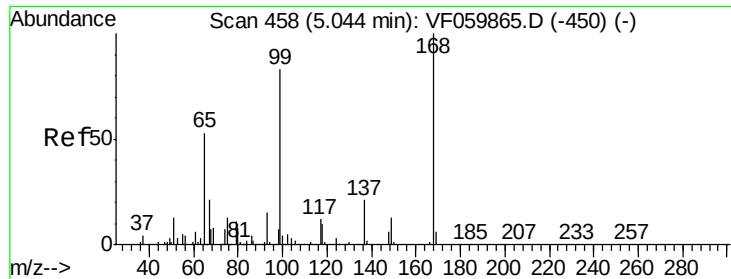
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059881.D

Acq: 4 Aug 2018 13:01

Instrument :

MSVOA_F

ClientSampleId :

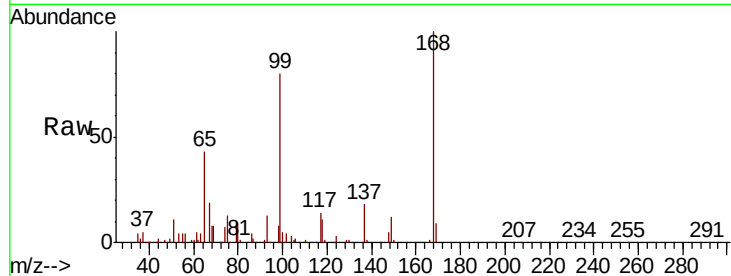
SOIL-5

Tot Ion:168 Resp: 124676

Ion Ratio Lower Upper

168 100

99 79.8 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

40000

30000

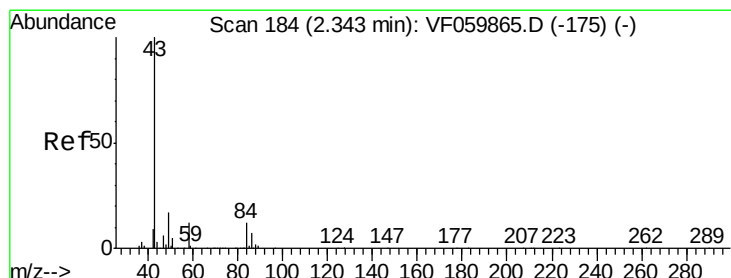
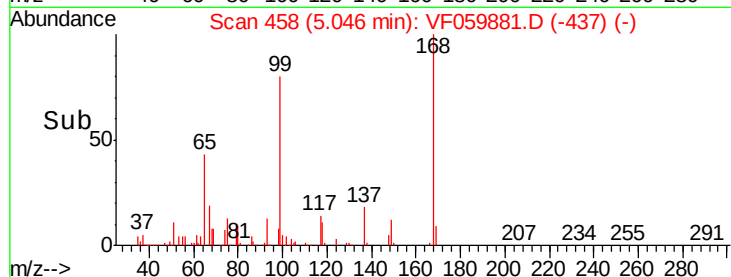
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 23.90 ug/l

RT: 2.35 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF059881.D

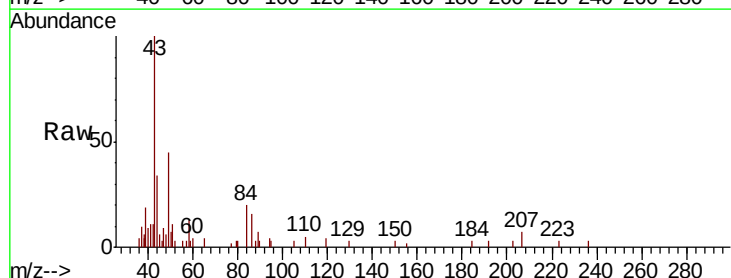
Acq: 4 Aug 2018 13:01

Tgt Ion: 43 Resp: 9917

Ion Ratio Lower Upper

43 100

58 12.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

4000

3000

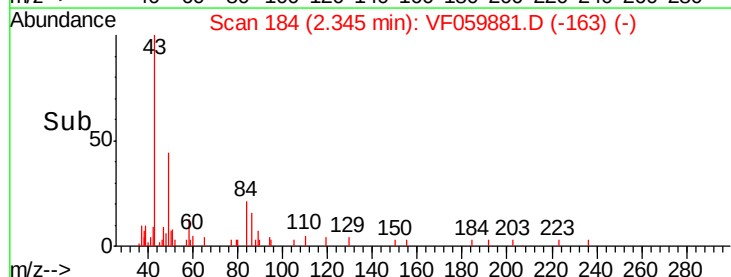
2000

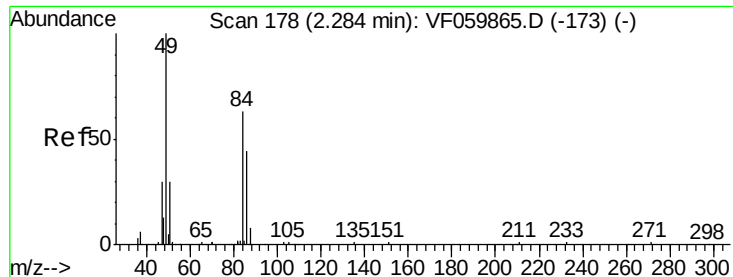
1000

0

2.25 2.30 2.35 2.40 2.45

Time-->

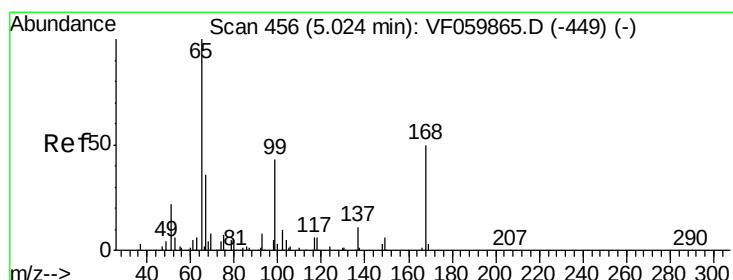
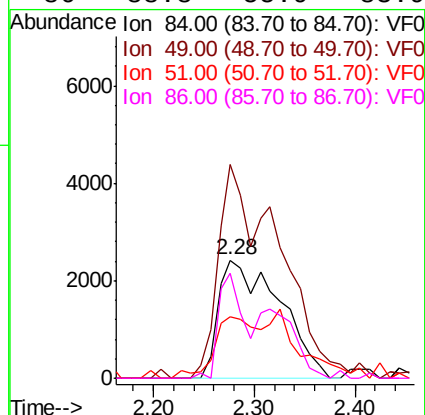
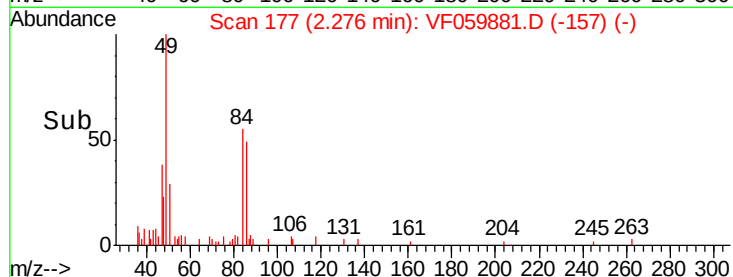
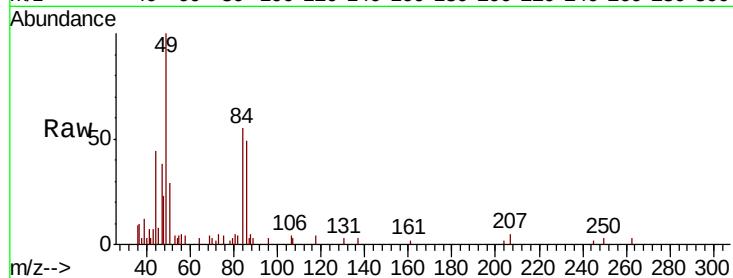




#20
Methylene Chloride
Concen: 4.48 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF059881.D
Acq: 4 Aug 2018 13:01

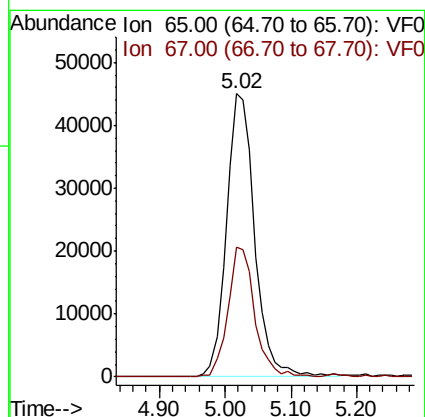
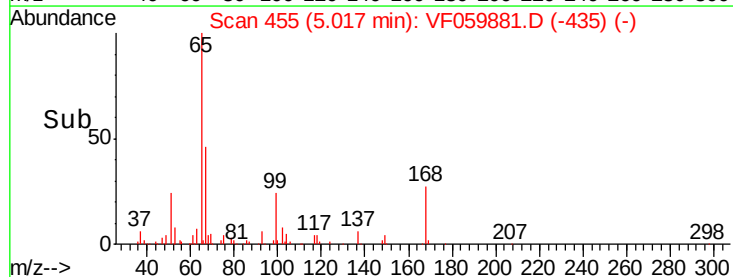
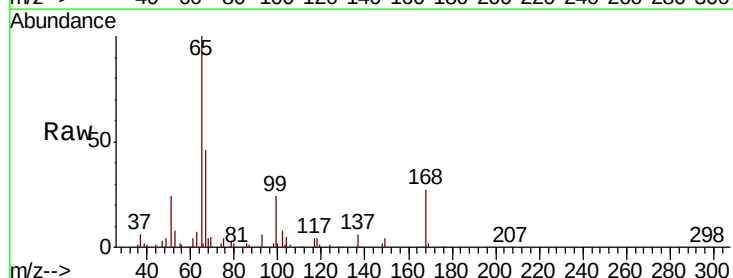
Instrument :
MSVOA_F
ClientSampled :
SOIL-5

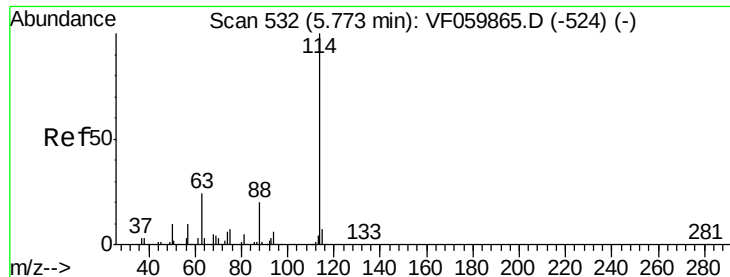
Tot Ion: 84 Resp: 10292
Ion Ratio Lower Upper
84 100
49 181.1 128.7 193.1
51 52.2 39.3 58.9
86 88.8 55.9 83.9#



#33
1,2-Dichloroethane-d4
Concen: 60.21 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF059881.D
Acq: 4 Aug 2018 13:01

Tgt Ion: 65 Resp: 135327
Ion Ratio Lower Upper
65 100
67 45.8 0.0 77.2

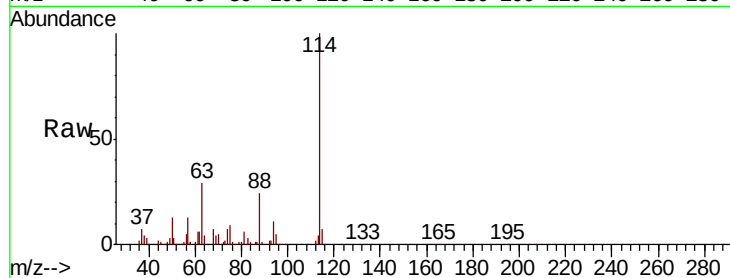




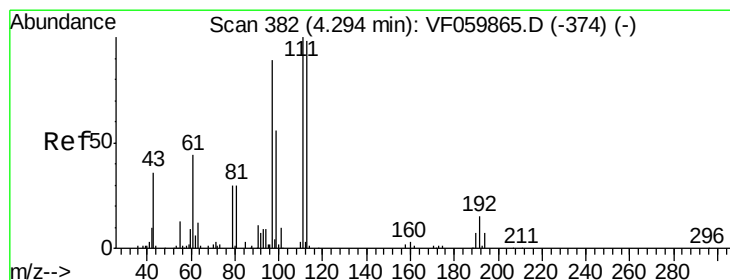
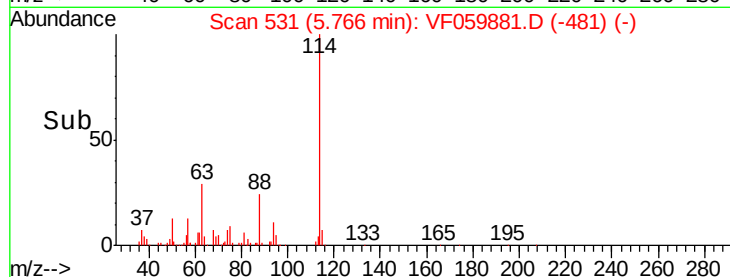
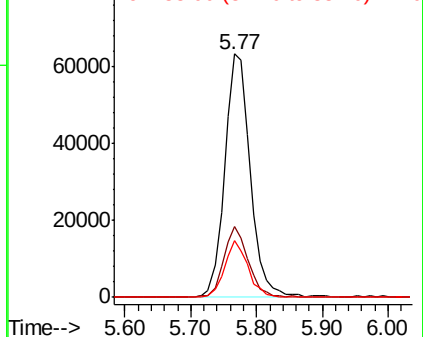
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF059881.D
 Acq: 4 Aug 2018 13:01

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-5

Tot Ion:114 Resp: 172569
 Ion Ratio Lower Upper
 114 100
 63 29.1 0.0 48.0
 88 23.6 0.0 39.4

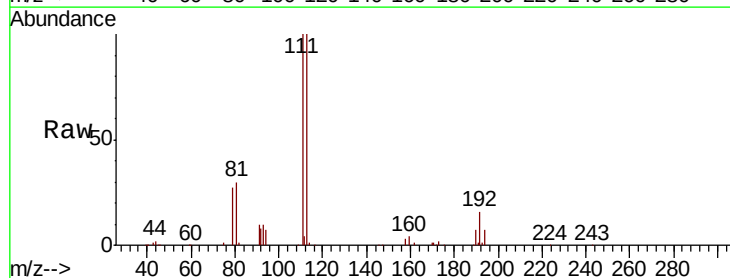


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

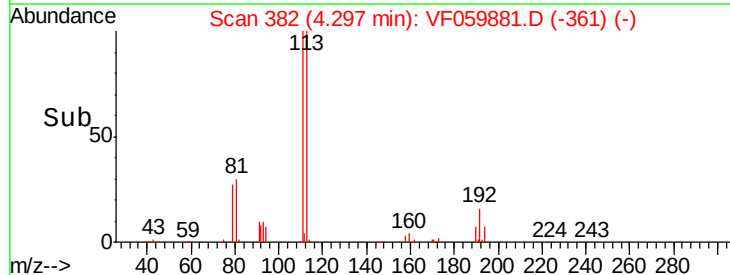
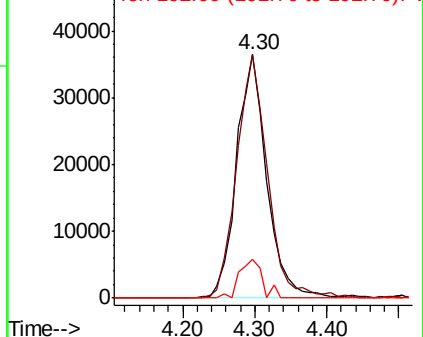


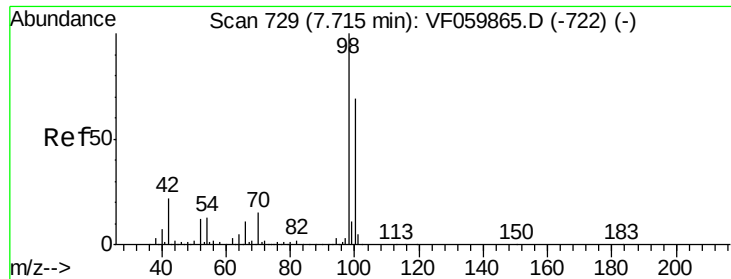
#35
 Dibromofluoromethane
 Concen: 62.01 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VF059881.D
 Acq: 4 Aug 2018 13:01

Tgt Ion:113 Resp: 106467
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.8 122.8
 192 16.0 12.4 18.6



Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

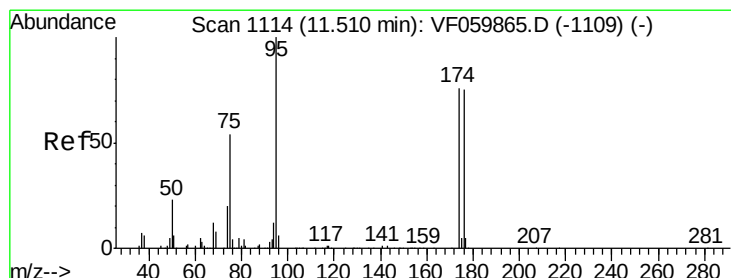
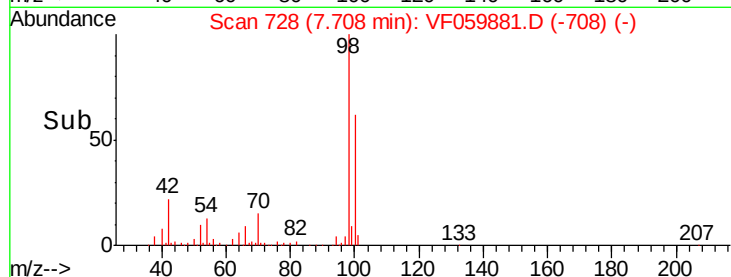
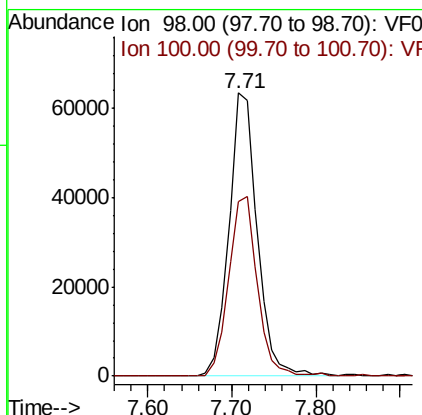
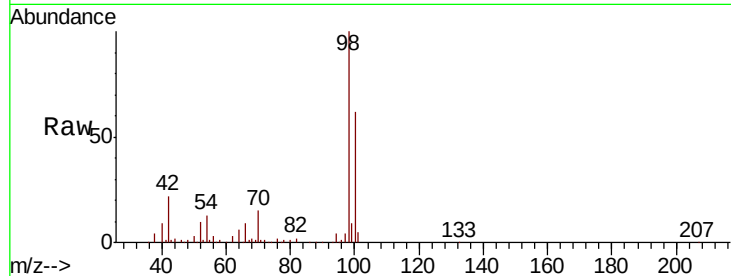




#50
Toluene-d8
Concen: 40.79 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF059881.D
Acq: 4 Aug 2018 13:01

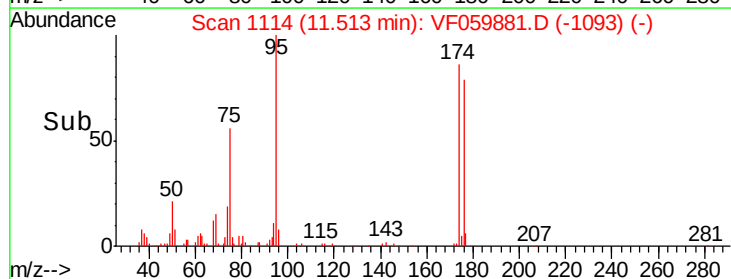
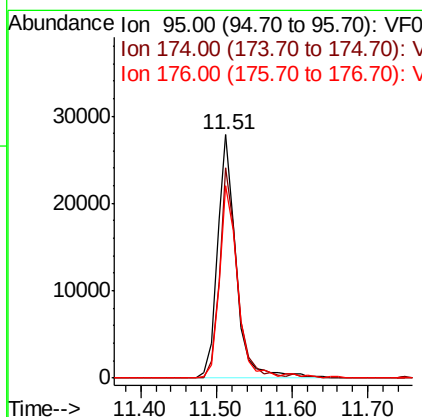
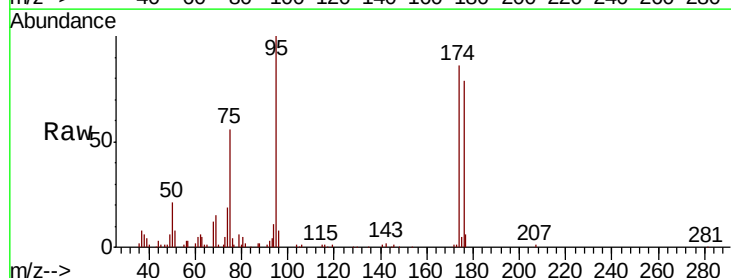
Instrument :
MSVOA_F
ClientSampled :
SOIL-5

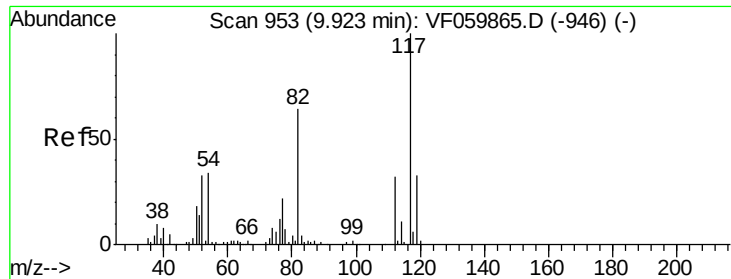
Tot Ion: 98 Resp: 149022
Ion Ratio Lower Upper
98 100
100 61.9 55.0 82.6



#62
4-Bromofluorobenzene
Concen: 23.46 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059881.D
Acq: 4 Aug 2018 13:01

Tgt Ion: 95 Resp: 48158
Ion Ratio Lower Upper
95 100
174 86.2 0.0 151.6
176 79.2 0.0 149.8

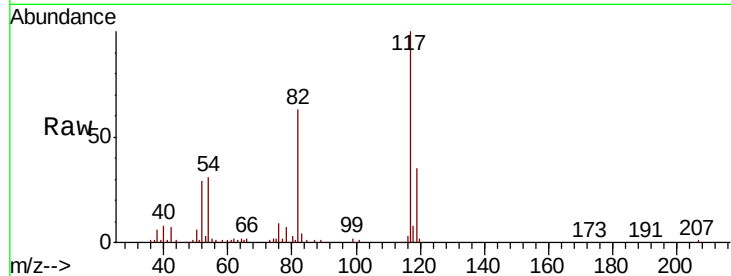




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059881.D
Acq: 4 Aug 2018 13:01

Instrument :
MSVOA_F
ClientSampleId :
SOIL-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.6	51.3	76.9
119	34.8	26.4	39.6

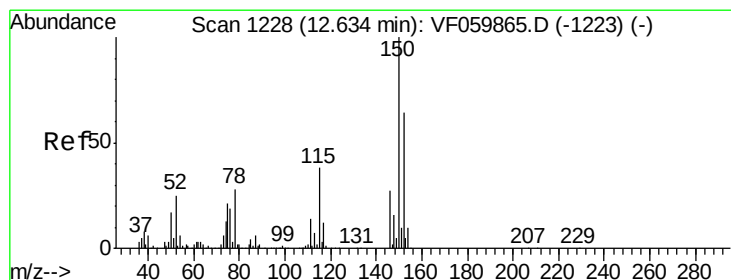
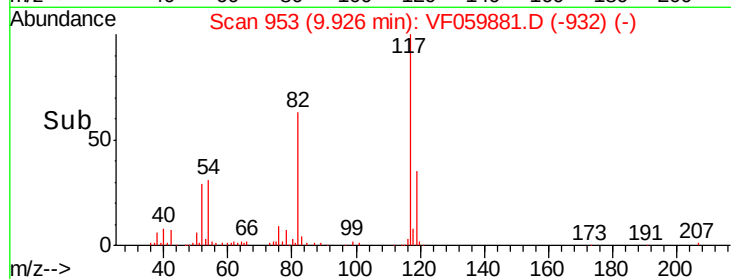
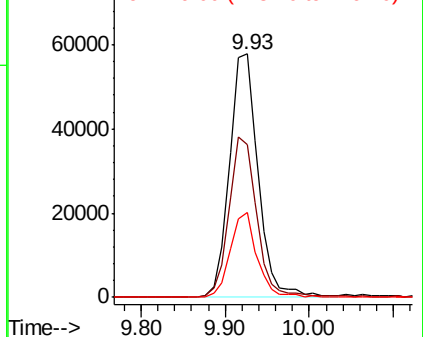


Abundance

Ion 117.00 (116.70 to 117.70): V

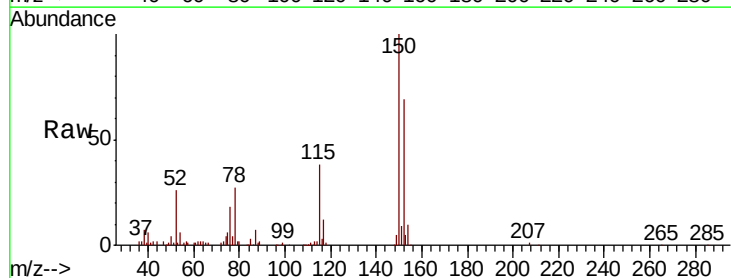
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059881.D
Acq: 4 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	29.8	89.4
150	145.9	0.0	315.6



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

