

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080418\
 Data File : VF059879.D
 Acq On : 4 Aug 2018 12:05
 Operator : VA/AP
 Sample : J4333-09
 Misc : 5.84g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-3

Quant Time: Aug 06 02:55:55 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	5.04	168	132852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	178844	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	143027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	42186	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	130056	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
35) Dibromofluoromethane	4.29	113	107347	60.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.66%	
50) Toluene-d8	7.72	98	157879	41.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.40%	
62) 4-Bromofluorobenzene	11.51	95	49118	23.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.18%	

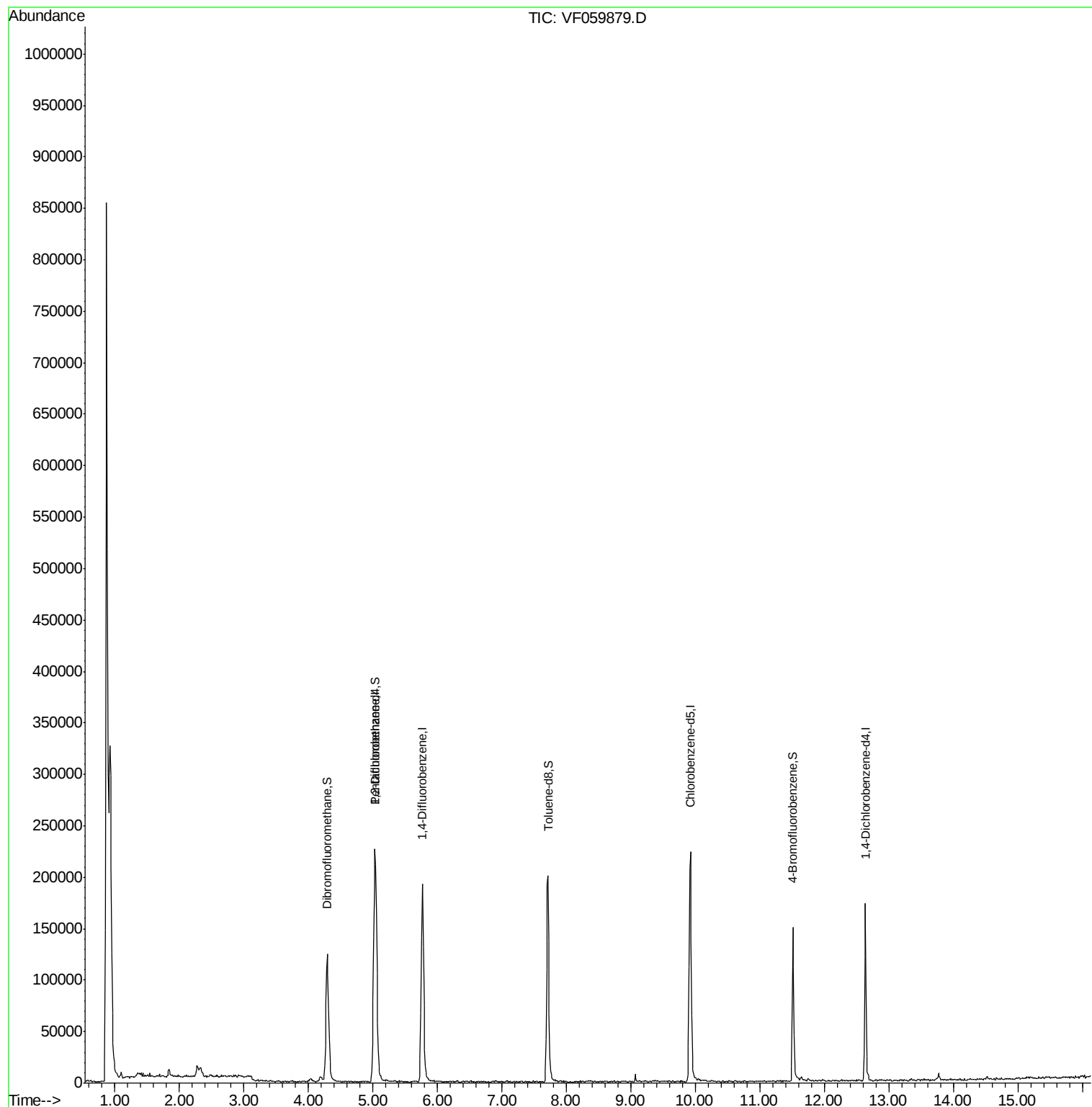
Target Compounds	Qvalue

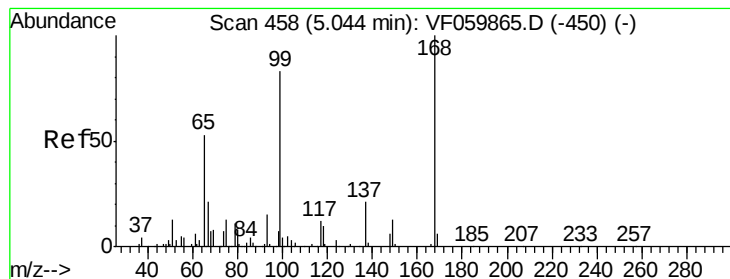
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059879.D

Acq: 4 Aug 2018 12:05

Instrument :

MSVOA_F

ClientSampleId :

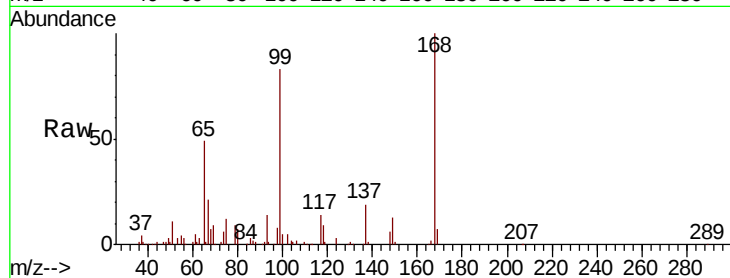
SOIL-3

Tot Ion:168 Resp: 132852

Ion Ratio Lower Upper

168 100

99 82.7 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

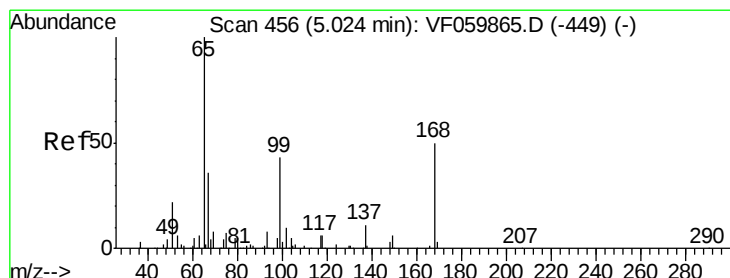
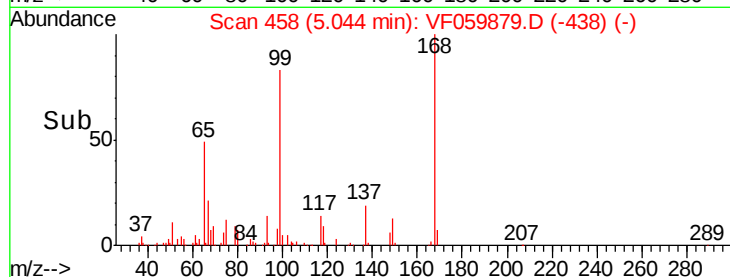
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.30 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059879.D

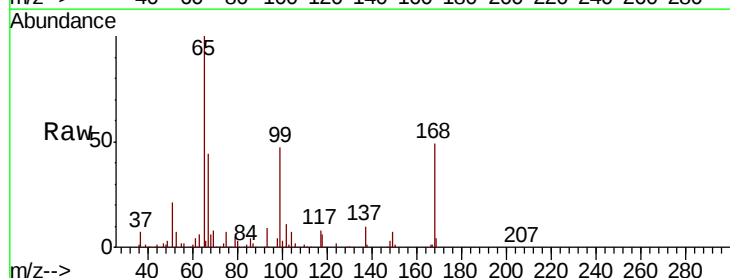
Acq: 4 Aug 2018 12:05

Tgt Ion: 65 Resp: 130056

Ion Ratio Lower Upper

65 100

67 44.2 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

40000

30000

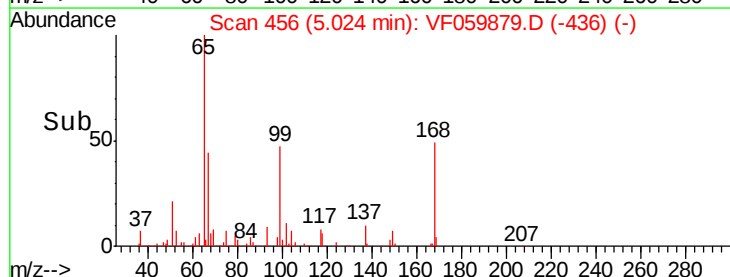
20000

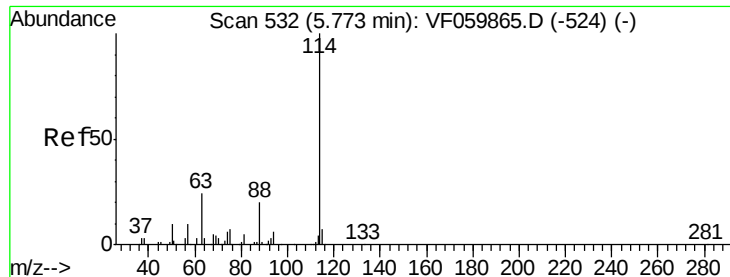
10000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059879.D

Acq: 4 Aug 2018 12:05

Instrument :

MSVOA_F

ClientSampleId :

SOIL-3

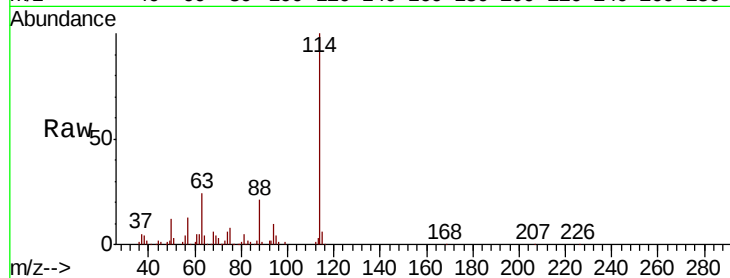
Tot Ion:114 Resp: 178844

Ion Ratio Lower Upper

114 100

63 24.2 0.0 48.0

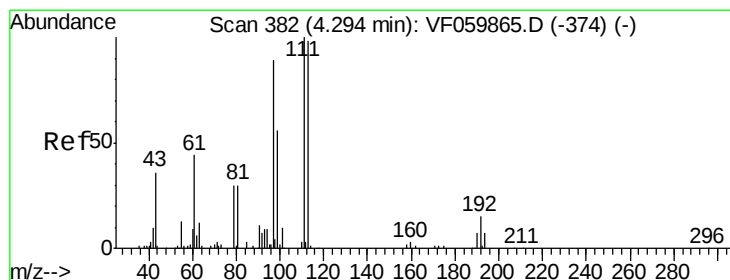
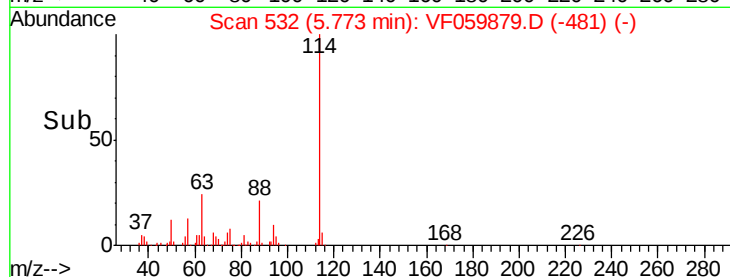
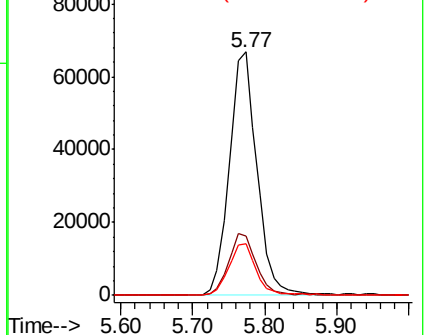
88 21.4 0.0 39.4



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: 60.33 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059879.D

Acq: 4 Aug 2018 12:05

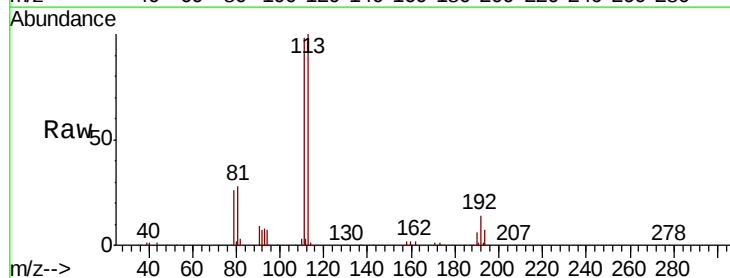
Tgt Ion:113 Resp: 107347

Ion Ratio Lower Upper

113 100

111 97.9 81.8 122.8

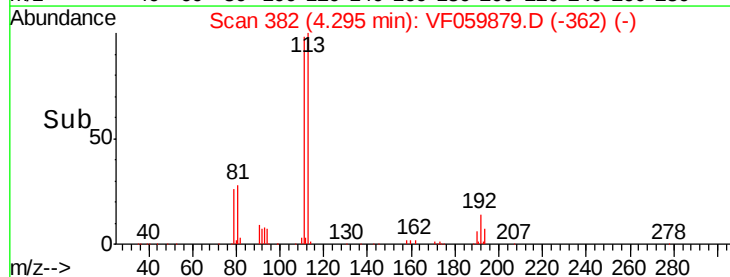
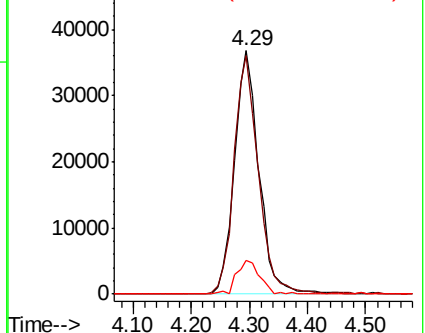
192 13.6 12.4 18.6

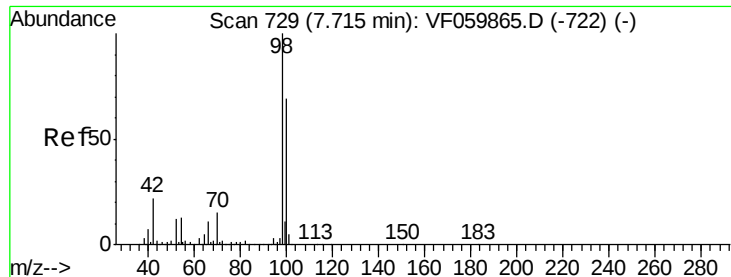


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

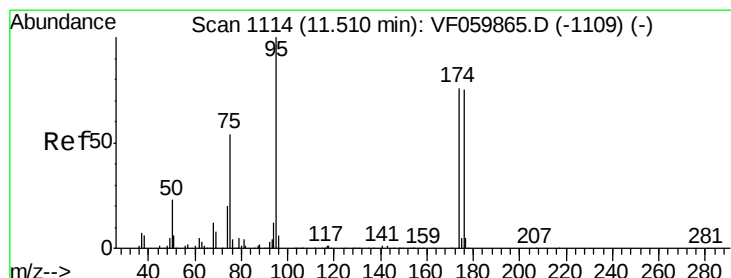
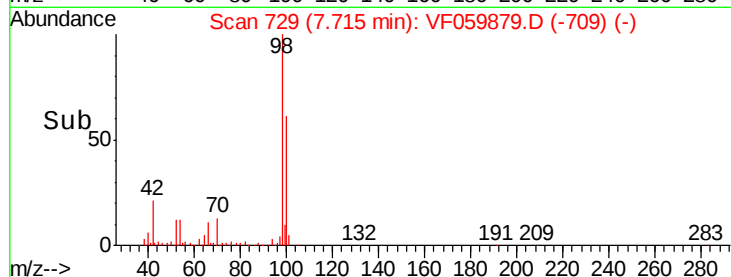
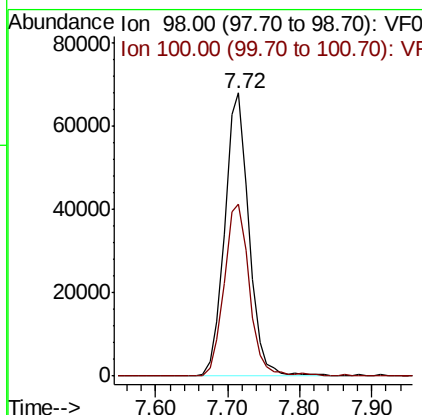
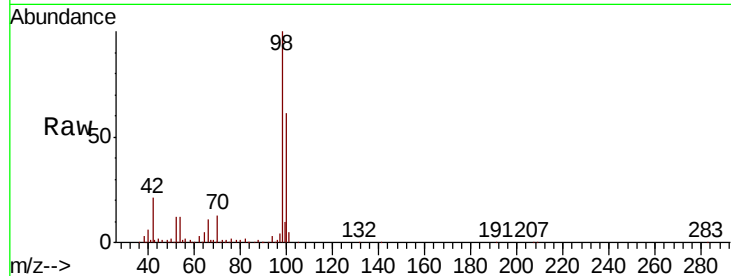




#50
Toluene-d8
Concen: 41.70 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059879.D
Acq: 4 Aug 2018 12:05

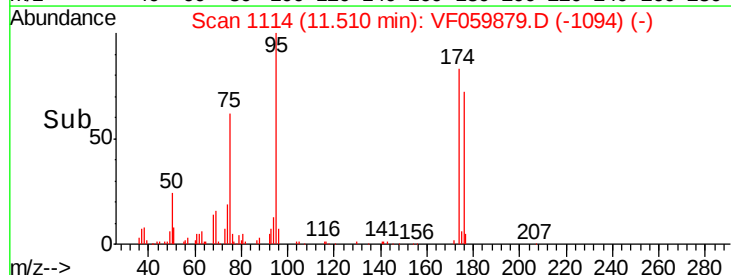
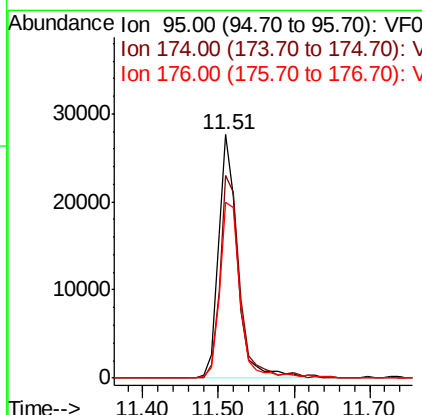
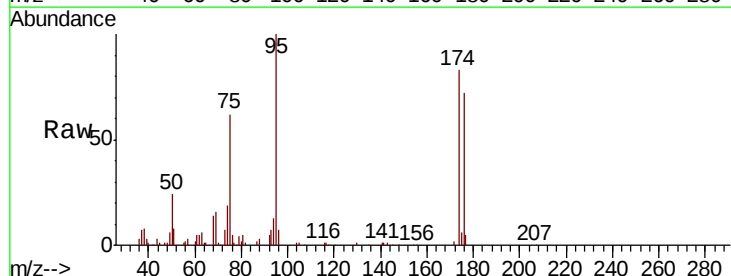
Instrument :
MSVOA_F
ClientSampleId :
SOIL-3

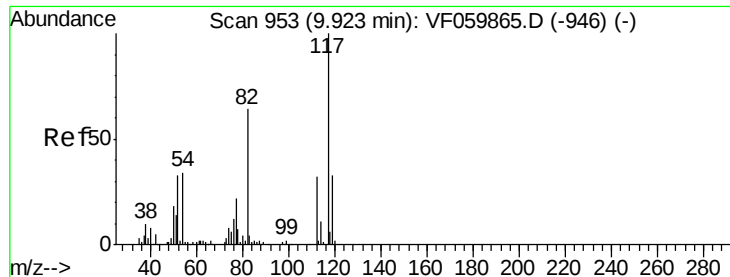
Tot Ion: 98 Resp: 157879
Ion Ratio Lower Upper
98 100
100 60.8 55.0 82.6



#62
4-Bromofluorobenzene
Concen: 23.09 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059879.D
Acq: 4 Aug 2018 12:05

Tgt Ion: 95 Resp: 49118
Ion Ratio Lower Upper
95 100
174 83.2 0.0 151.6
176 72.4 0.0 149.8

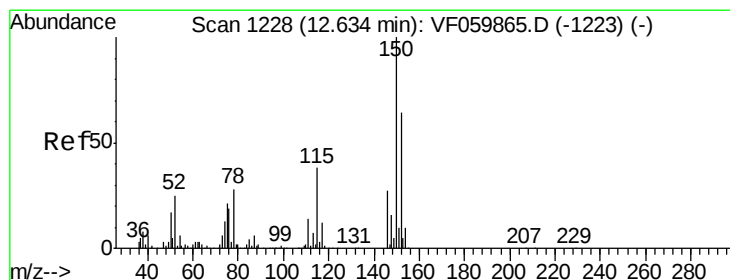
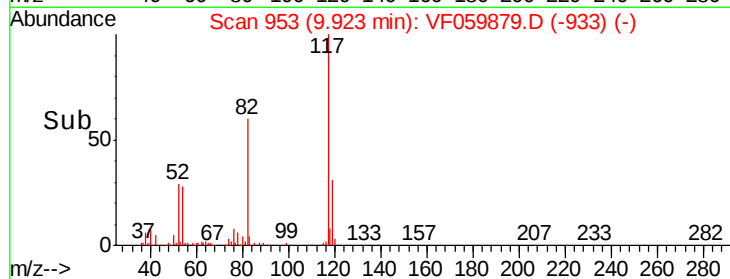
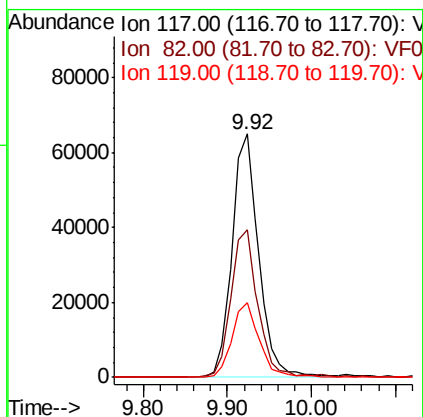
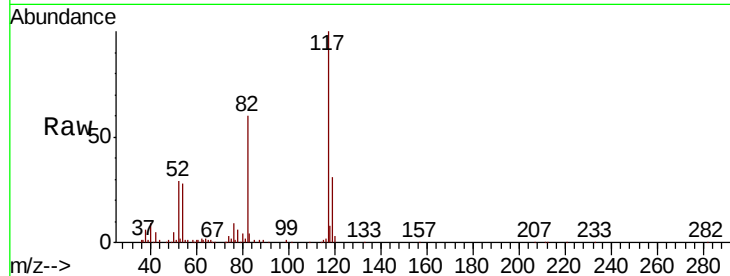




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059879.D
Acq: 4 Aug 2018 12:05

Instrument :
MSVOA_F
ClientSampleId :
SOIL-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	51.3	76.9
119	30.8	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059879.D
Acq: 4 Aug 2018 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.8	89.4
150	154.8	0.0	315.6

