

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060578.D
 Acq On : 5 Nov 2018 17:49
 Operator : VA/AP
 Sample : J5724-06
 Misc : 5.00/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DARK-SOIL(IN-BUCKET)

Quant Time: Nov 05 17:23:10 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	283304	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	474982	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	451728	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	240081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	125876	43.98	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.96%	
35) Dibromofluoromethane	4.10	113	164523	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
50) Toluene-d8	7.55	98	443635	40.81	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.62%	
62) 4-Bromofluorobenzene	11.40	95	204102	42.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.84%	

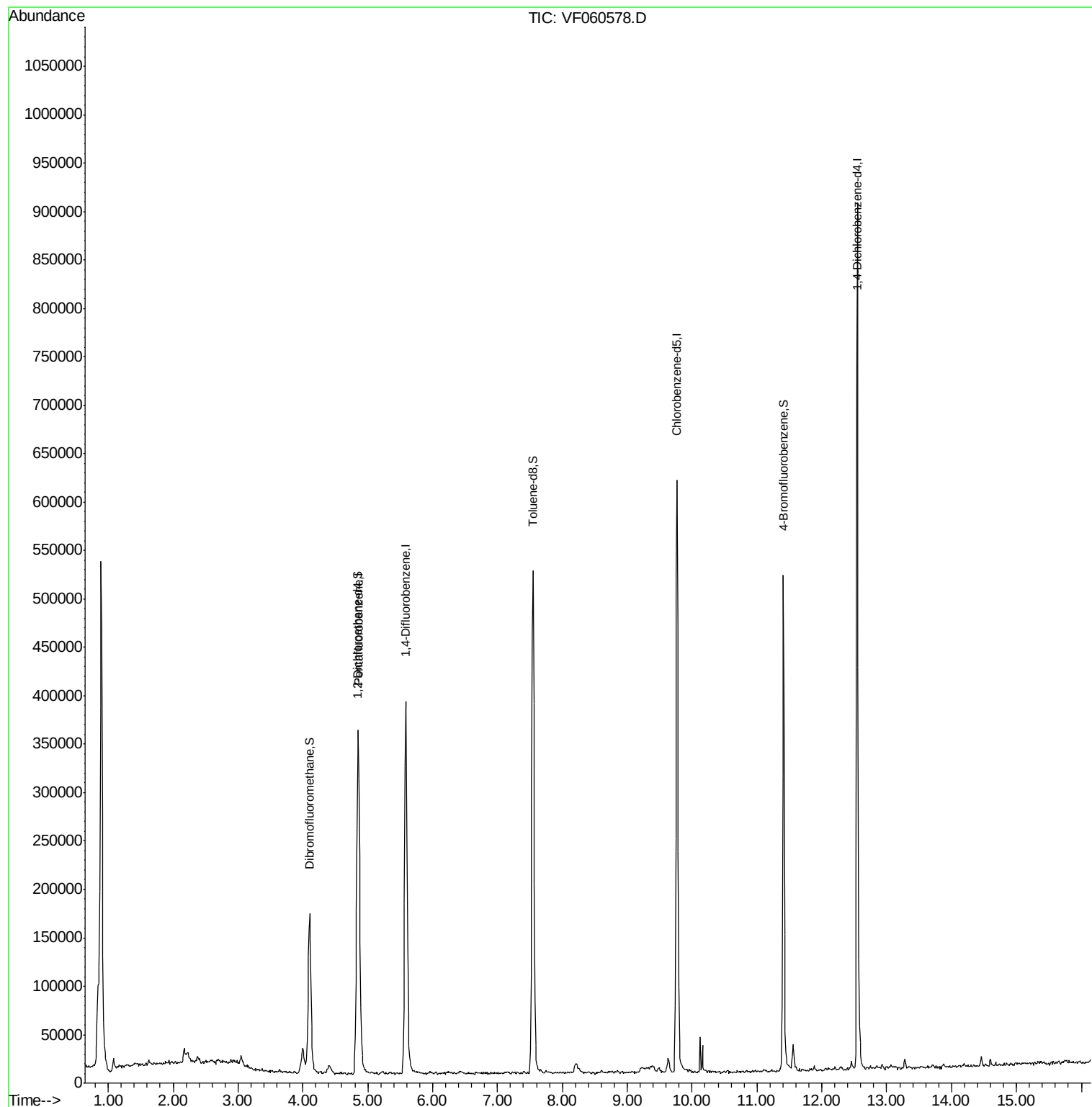
Target Compounds	Qvalue
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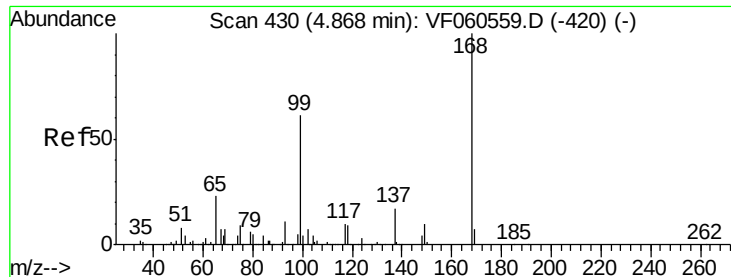
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060578.D

Acq: 5 Nov 2018 17:49

Instrument :

MSVOA_F

ClientSampleId :

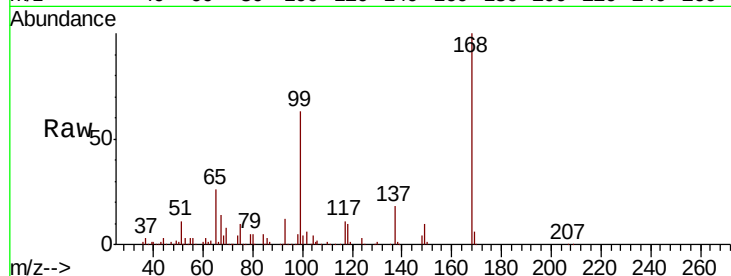
DARK-SOIL(IN-BUCKET)

Tot Ion:168 Resp: 283304

Ion Ratio Lower Upper

168 100

99 63.2 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.85

100000

80000

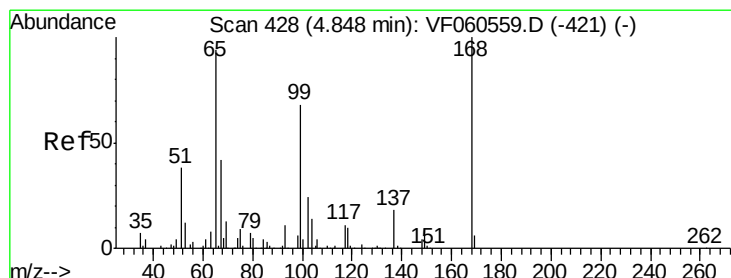
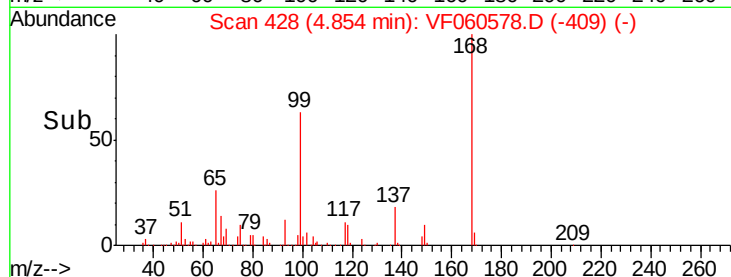
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.975 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF060578.D

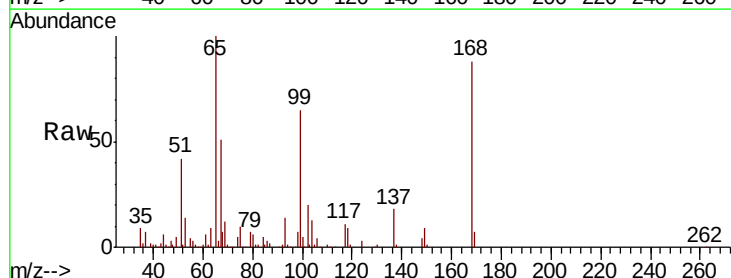
Acq: 5 Nov 2018 17:49

Tgt Ion: 65 Resp: 125876

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

50000

40000

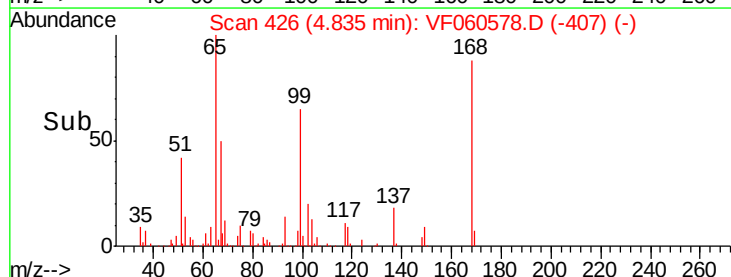
30000

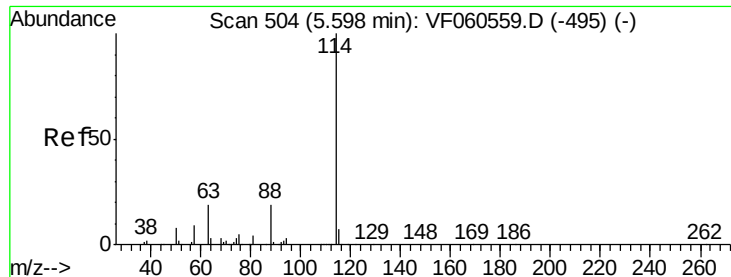
20000

10000

0

Time-->

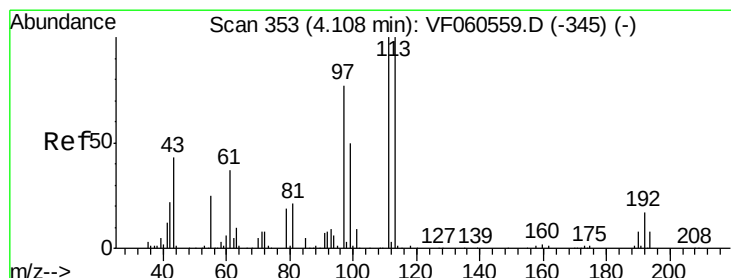
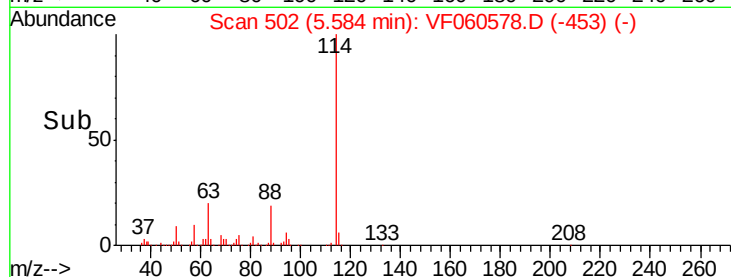
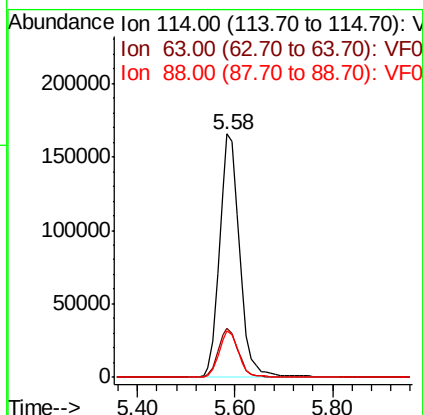
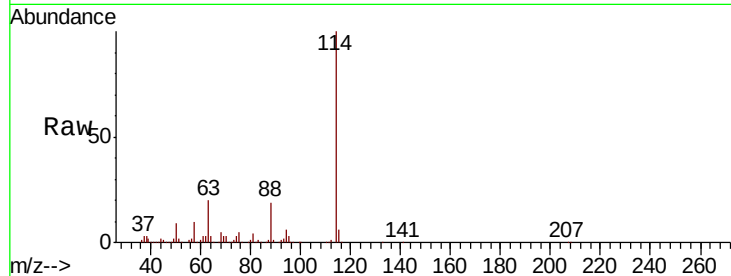




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF060578.D
Acq: 5 Nov 2018 17:49

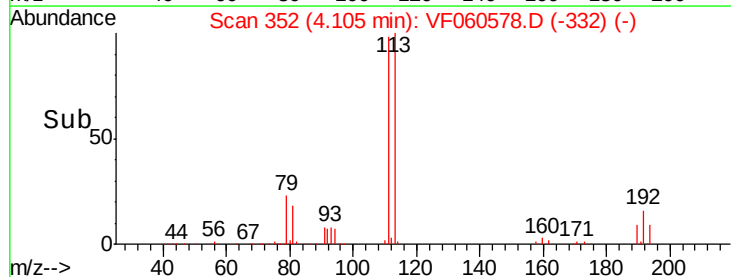
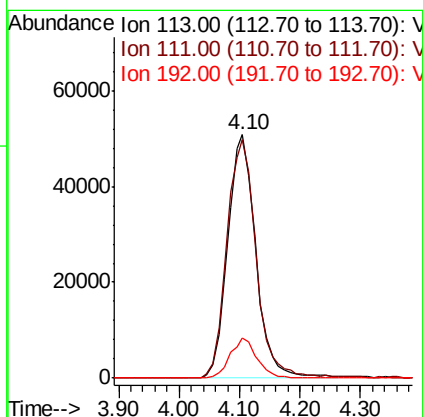
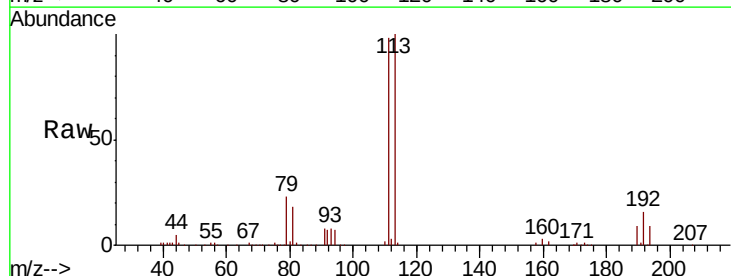
Instrument :
MSVOA_F
ClientSampleId :
DARK-SOIL(IN-BUCKET)

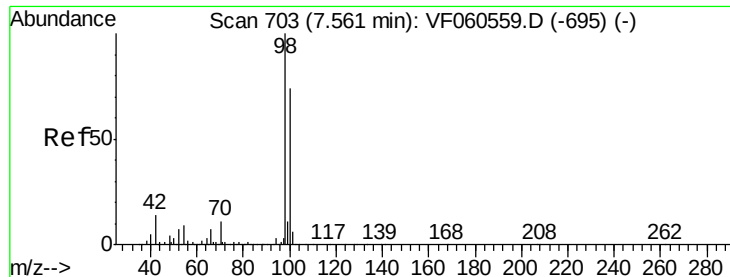
Tot Ion:114 Resp: 474982
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 18.9 0.0 38.2



#35
Dibromofluoromethane
Concen: 44.833 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF060578.D
Acq: 5 Nov 2018 17:49

Tgt Ion:113 Resp: 164523
Ion Ratio Lower Upper
113 100
111 98.1 79.9 119.9
192 16.5 13.3 19.9





#50

Toluene-d8

Concen: 40.810 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF060578.D

Acq: 5 Nov 2018 17:49

Instrument :

MSVOA_F

ClientSampleId :

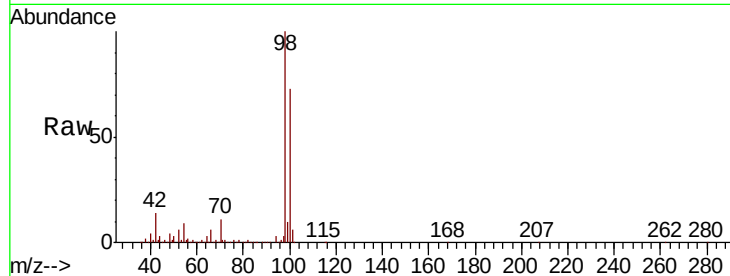
DARK-SOIL(IN-BUCKET)

Tot Ion: 98 Resp: 443635

Ion Ratio Lower Upper

98 100

100 72.8 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

200000

150000

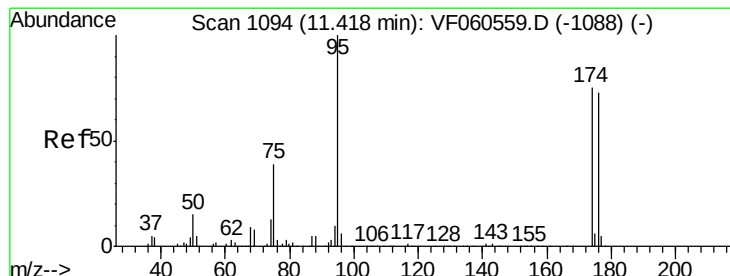
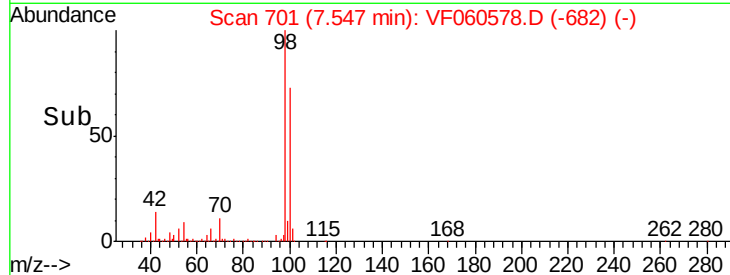
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 42.923 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF060578.D

Acq: 5 Nov 2018 17:49

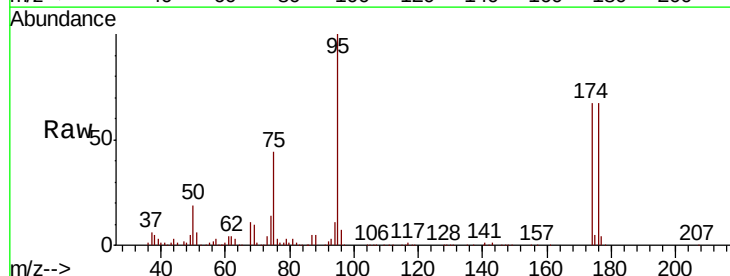
Tgt Ion: 95 Resp: 204102

Ion Ratio Lower Upper

95 100

174 67.4 0.0 149.0

176 67.4 0.0 145.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

150000

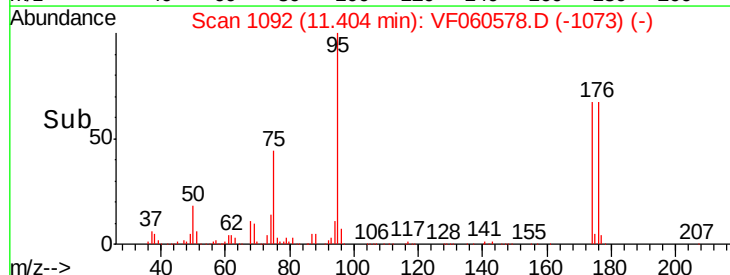
100000

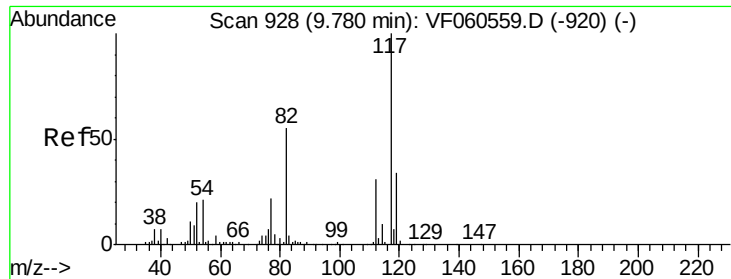
50000

0

11.30 11.40 11.50 11.60

Time-->

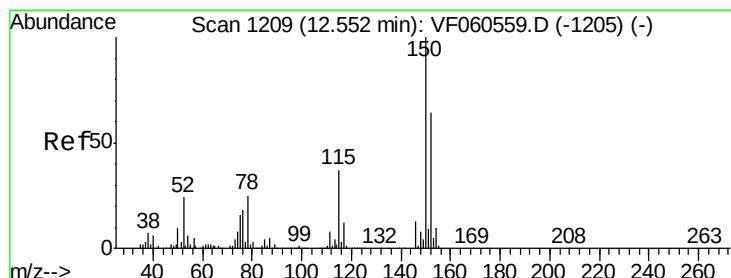
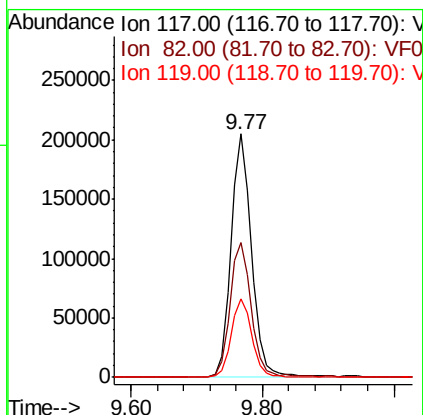
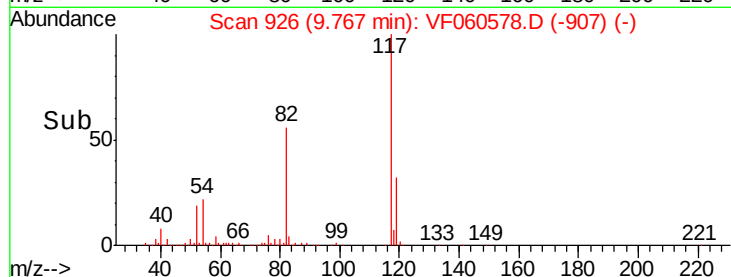
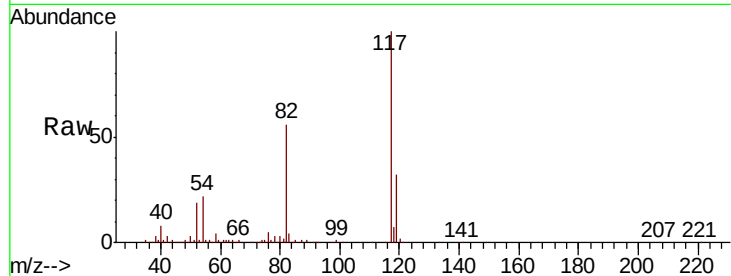




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF060578.D
Acq: 5 Nov 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
DARK-SOIL(IN-BUCKET)

Tot Ion:117 Resp: 451728
Ion Ratio Lower Upper
117 100
82 55.6 43.9 65.9
119 32.2 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060578.D
Acq: 5 Nov 2018 17:49

Tgt Ion:152 Resp: 240081
Ion Ratio Lower Upper
152 100
115 54.2 29.6 88.8
150 149.3 0.0 315.6

