

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059895.D
 Acq On : 7 Aug 2018 00:16
 Operator : VA/AP
 Sample : J4333-05RE
 Misc : 4.57g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-2RE

Quant Time: Aug 07 04:20:38 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	163742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	224481	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	179923	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	75350	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	137702	46.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.30%	
35) Dibromofluoromethane	4.29	113	109262	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	7.70	98	157827	33.21	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	66.42%	
62) 4-Bromofluorobenzene	11.51	95	61709	23.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.22%	

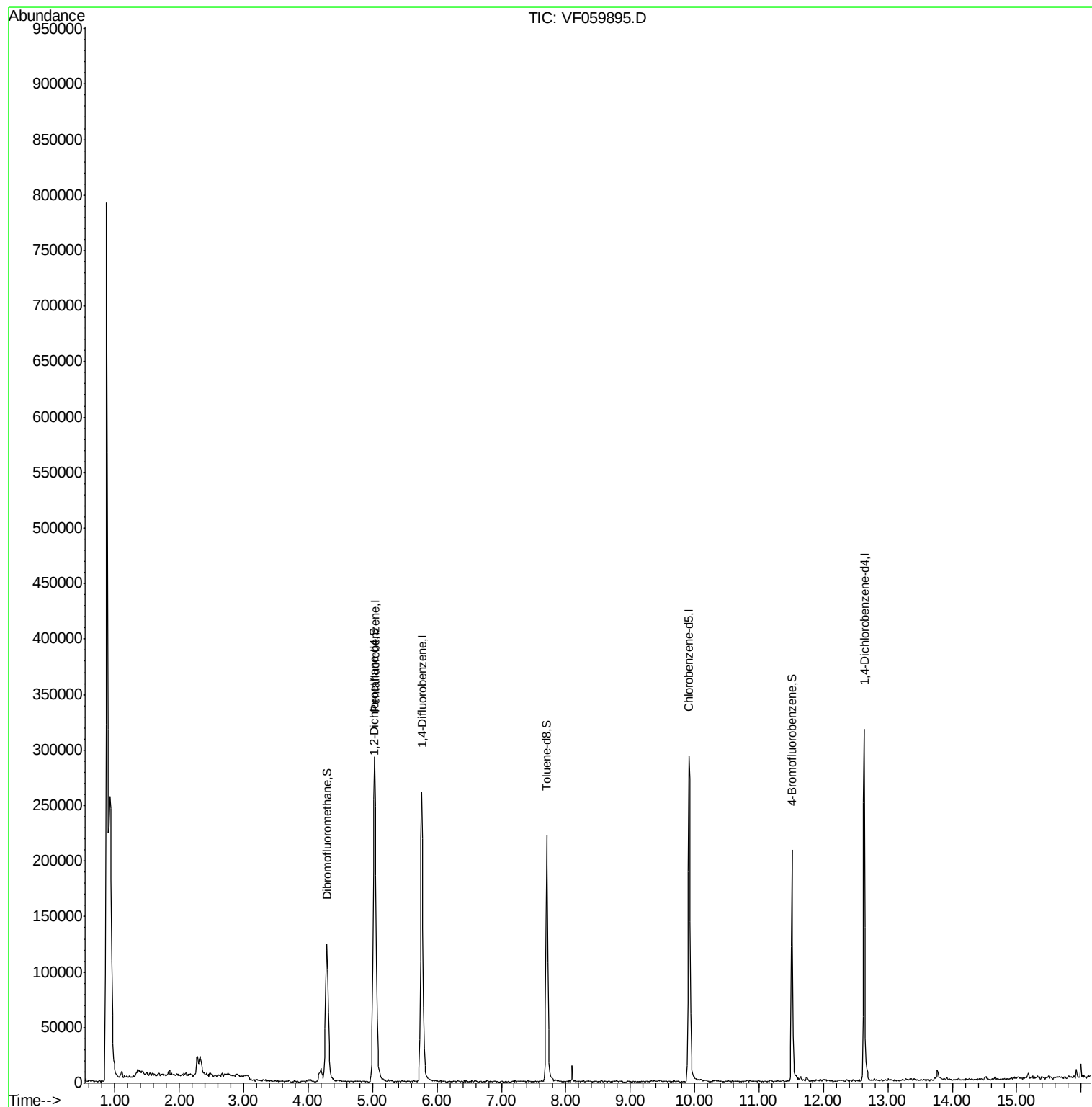
Target Compounds	Qvalue

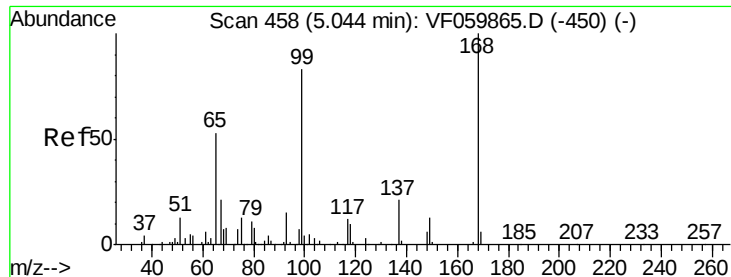
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF059895.D

Acq: 7 Aug 2018 00:16

Instrument :

MSVOA_F

ClientSampleId :

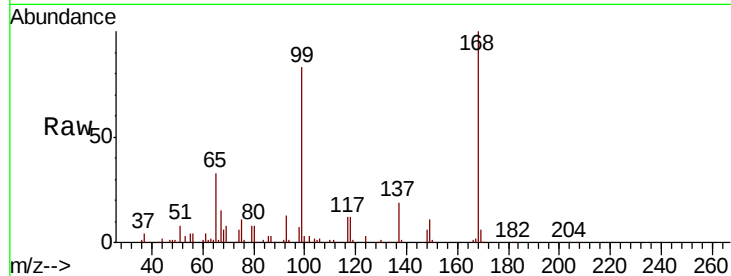
SOIL-2RE

Tot Ion:168 Resp: 163742

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

60000

50000

40000

30000

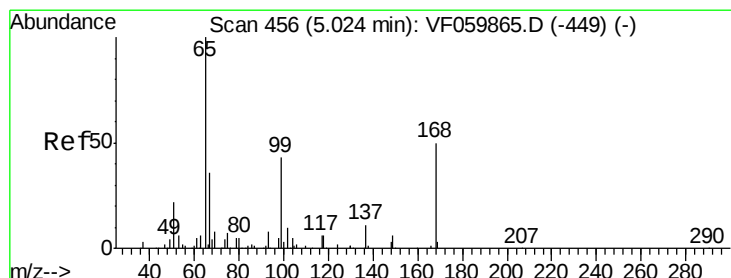
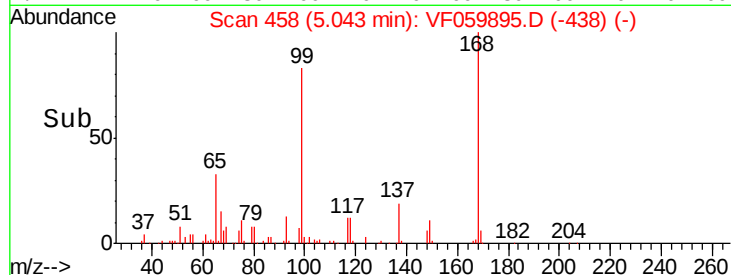
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.65 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059895.D

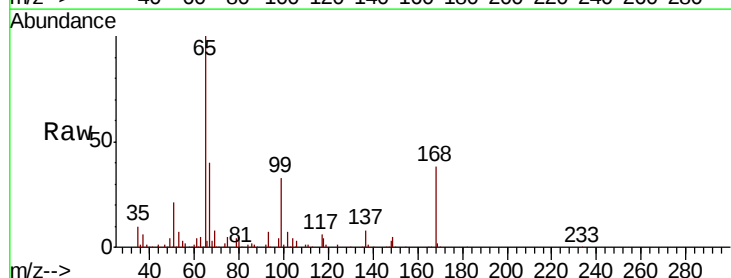
Acq: 7 Aug 2018 00:16

Tgt Ion: 65 Resp: 137702

Ion Ratio Lower Upper

65 100

67 39.5 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

60000

50000

40000

30000

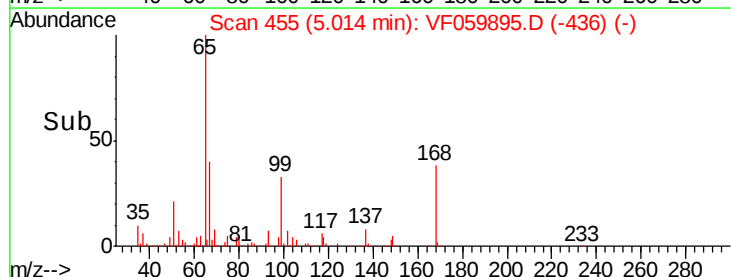
20000

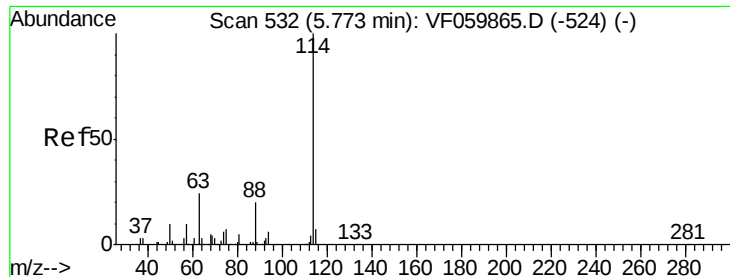
10000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF059895.D

Acq: 7 Aug 2018 00:16

Instrument :

MSVOA_F

ClientSampleId :

SOIL-2RE

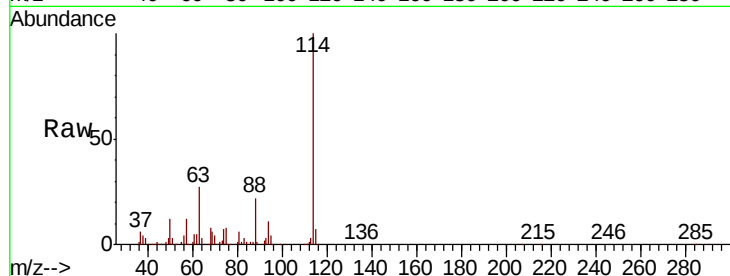
Tot Ion:114 Resp: 224481

Ion Ratio Lower Upper

114 100

63 27.2 0.0 48.0

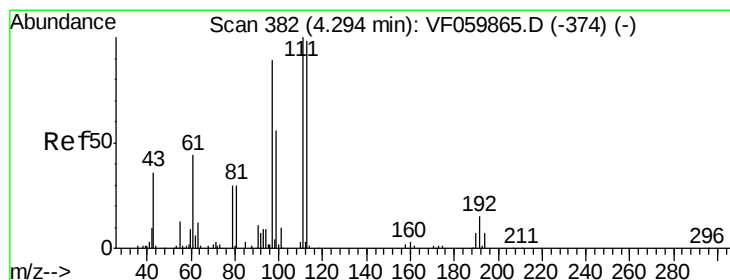
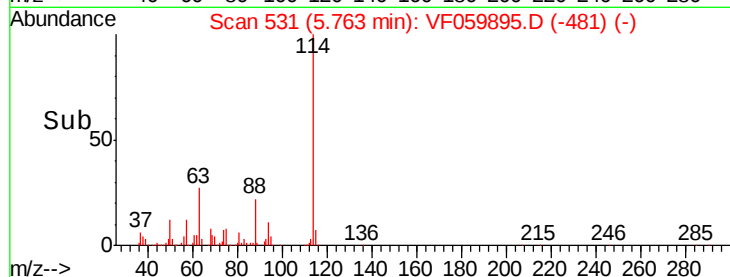
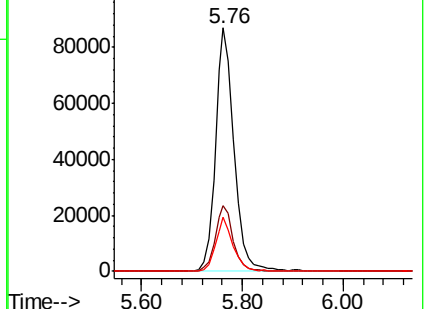
88 22.3 0.0 39.4



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: 48.92 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.00 min

Lab File: VF059895.D

Acq: 7 Aug 2018 00:16

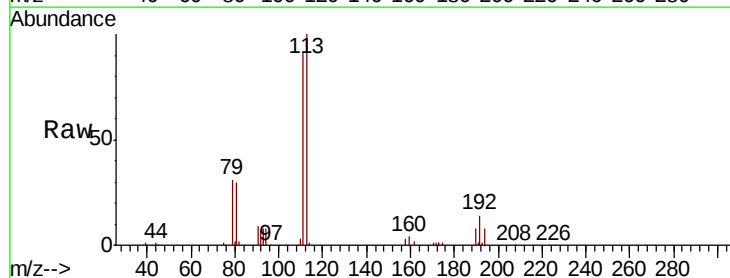
Tgt Ion:113 Resp: 109262

Ion Ratio Lower Upper

113 100

111 90.7 81.8 122.8

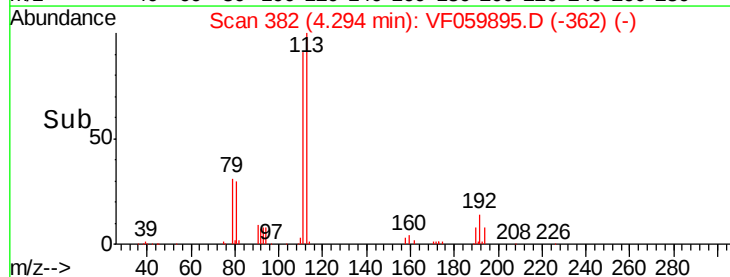
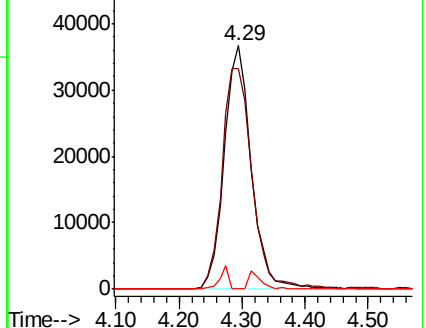
192 0.0 12.4 18.6#

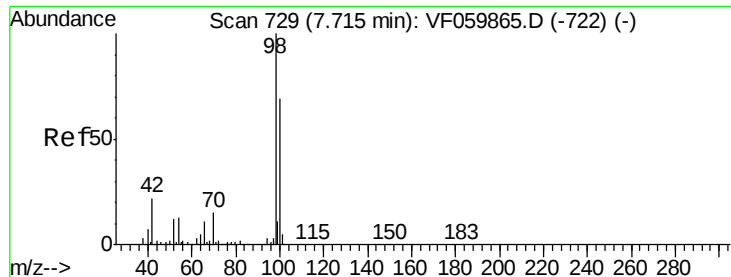


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 33.21 ug/l

RT: 7.70 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF059895.D

Acq: 7 Aug 2018 00:16

Instrument :

MSVOA_F

ClientSampleId :

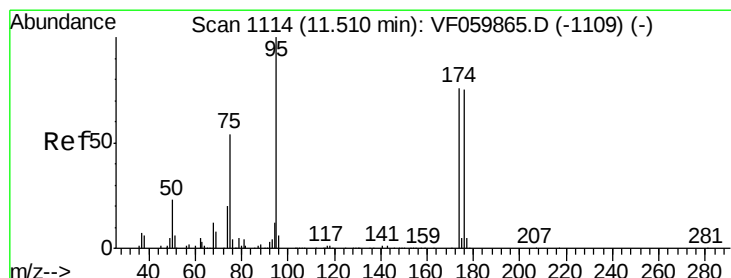
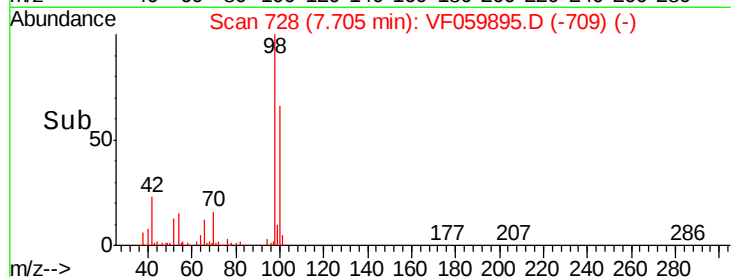
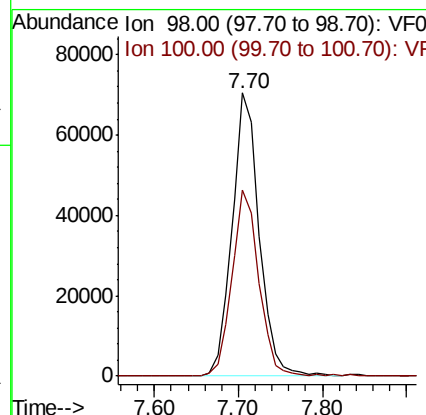
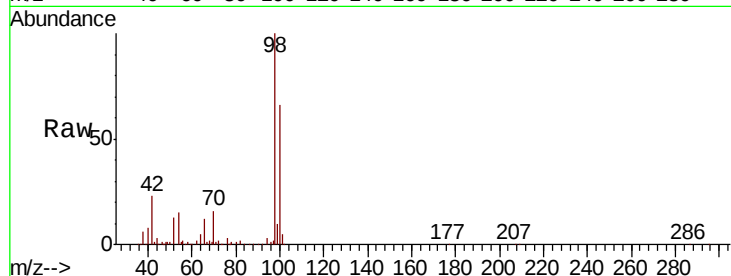
SOIL-2RE

Tot Ion: 98 Resp: 157827

Ion Ratio Lower Upper

98 100

100 65.6 55.0 82.6



#62

4-Bromofluorobenzene

Concen: 23.11 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF059895.D

Acq: 7 Aug 2018 00:16

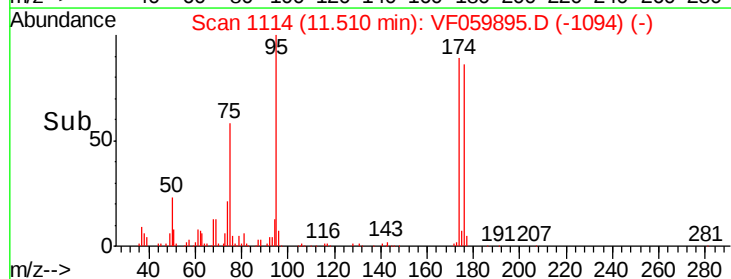
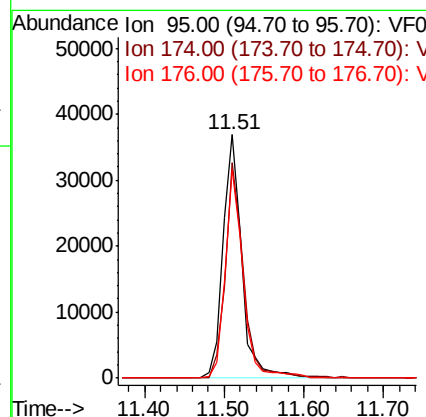
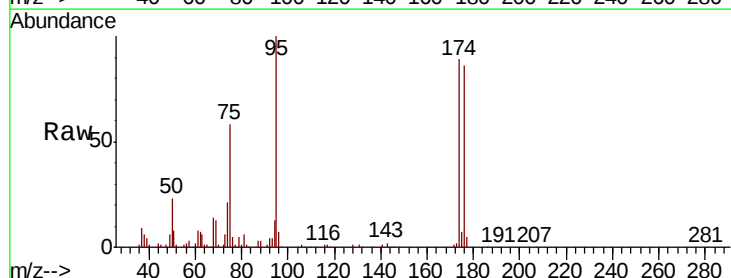
Tgt Ion: 95 Resp: 61709

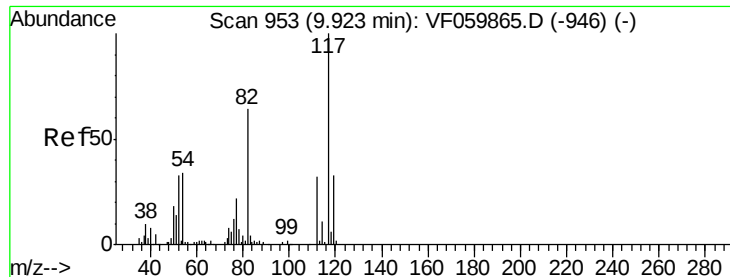
Ion Ratio Lower Upper

95 100

174 88.6 0.0 151.6

176 85.8 0.0 149.8

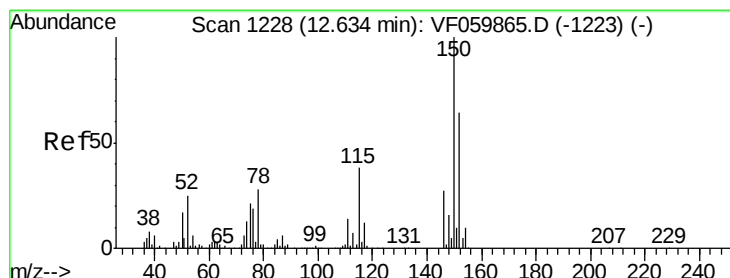
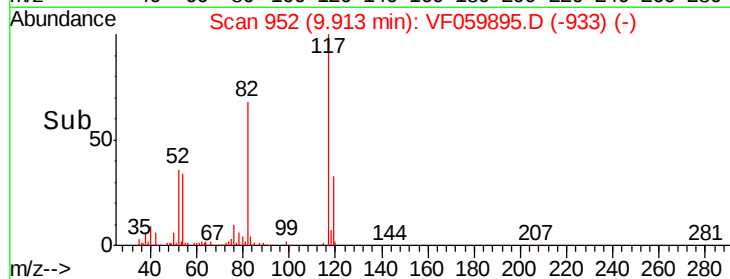
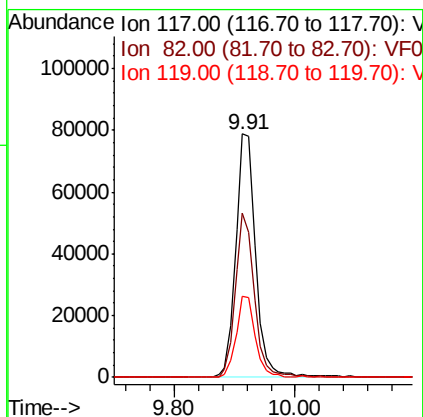
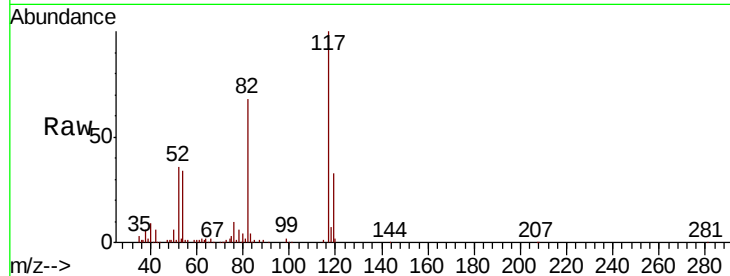




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF059895.D
Acq: 7 Aug 2018 00:16

Instrument :
MSVOA_F
ClientSampleId :
SOIL-2RE

Tot Ion:117 Resp: 179923
Ion Ratio Lower Upper
117 100
82 67.6 51.3 76.9
119 33.1 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: VF059895.D
Acq: 7 Aug 2018 00:16

Tgt Ion:152 Resp: 75350
Ion Ratio Lower Upper
152 100
115 60.9 29.8 89.4
150 158.0 0.0 315.6

