

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059894.D
 Acq On : 6 Aug 2018 23:49
 Operator : VA/AP
 Sample : J4333-01RE
 Misc : 4.41g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-1RE

Quant Time: Aug 07 04:19:03 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	81292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	114931	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	62457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	13515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	97447	66.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.98%	
35) Dibromofluoromethane	4.29	113	81967	71.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.36%	
50) Toluene-d8	7.71	98	74005	30.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.84%	
62) 4-Bromofluorobenzene	11.51	95	12809	9.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.74%	

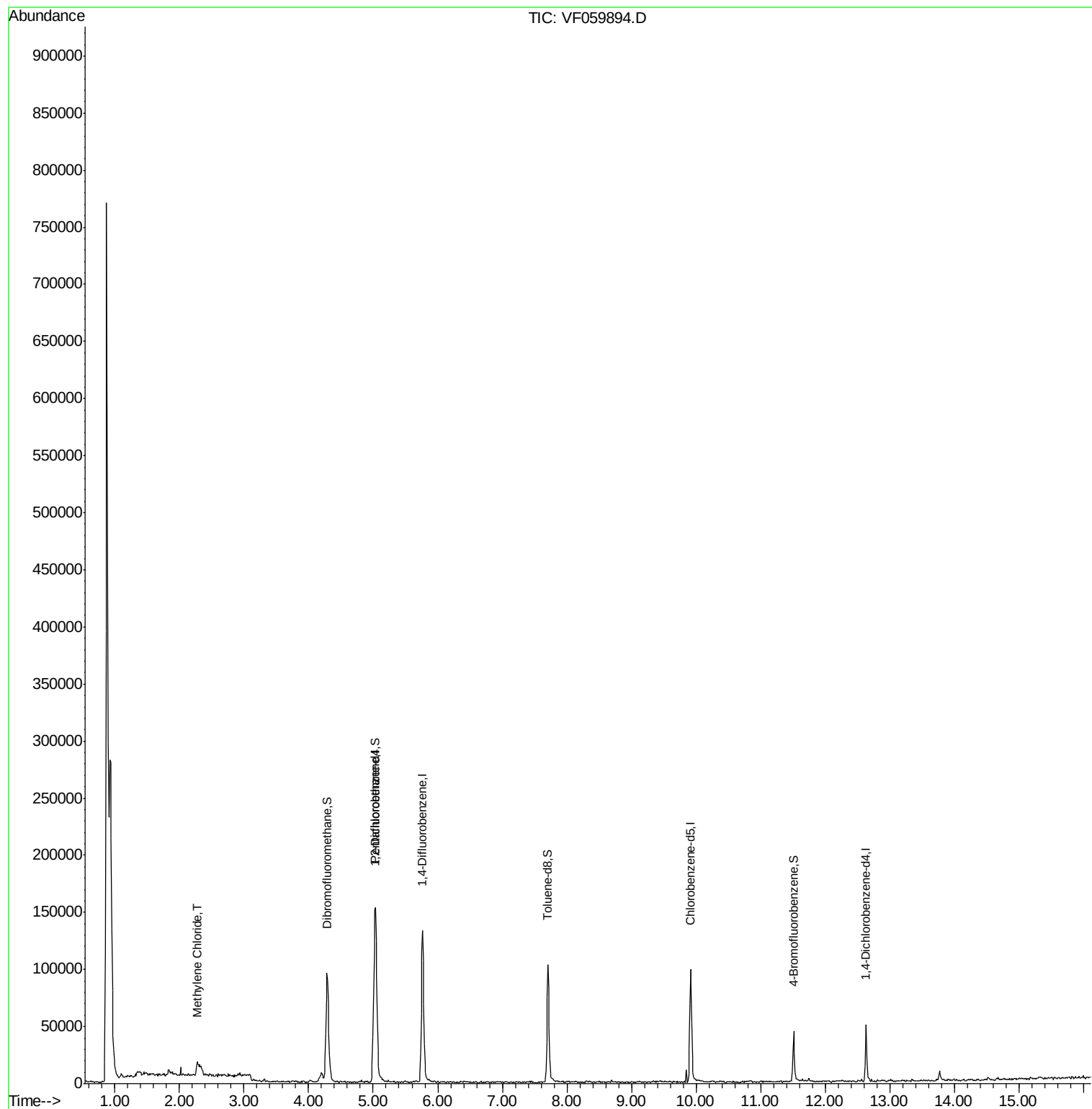
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.27	84	9583	9.34	ug/l	96

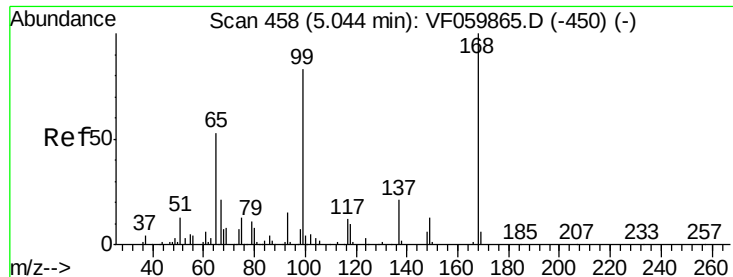
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059894.D

Acq: 6 Aug 2018 23:49

Instrument :

MSVOA_F

ClientSampleId :

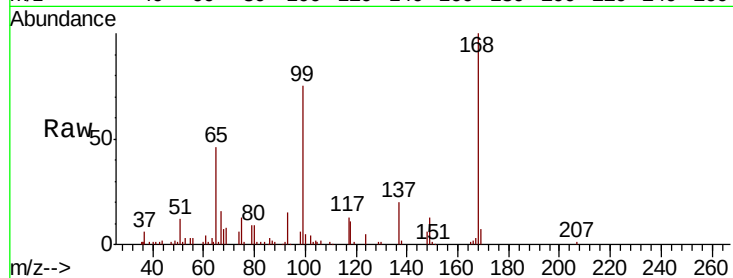
SOIL-1RE

Tot Ion:168 Resp: 81292

Ion Ratio Lower Upper

168 100

99 75.3 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.04

30000

25000

20000

15000

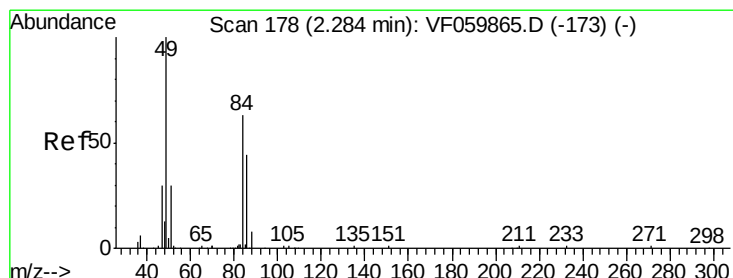
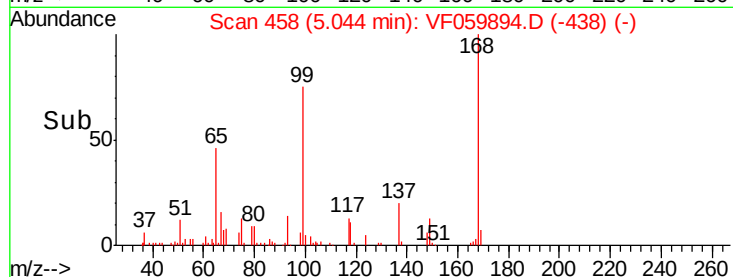
10000

5000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 9.34 ug/l

RT: 2.27 min Scan# 177

Delta R.T. -0.01 min

Lab File: VF059894.D

Acq: 6 Aug 2018 23:49

Tgt Ion: 84 Resp: 9583

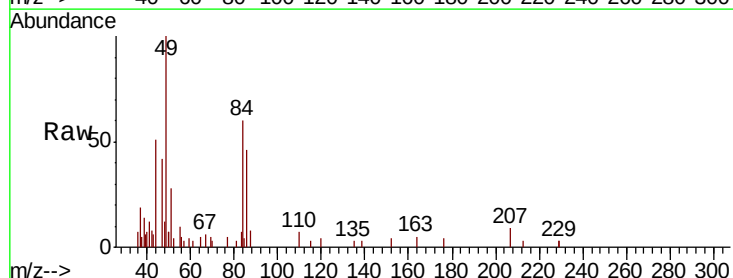
Ion Ratio Lower Upper

84 100

49 157.1 128.7 193.1

51 44.5 39.3 58.9

86 73.0 55.9 83.9



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

5000

4000

3000

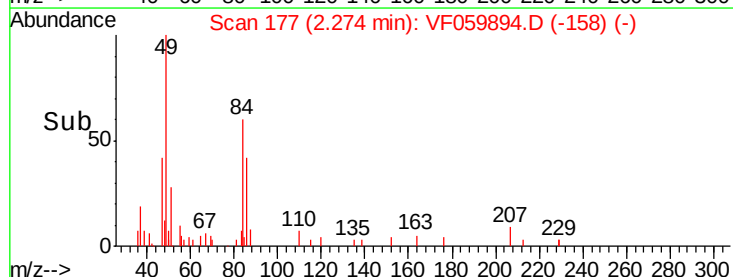
2000

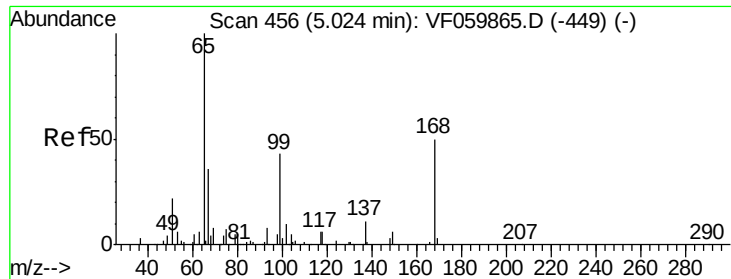
1000

0

Time-->

2.20 2.30 2.40

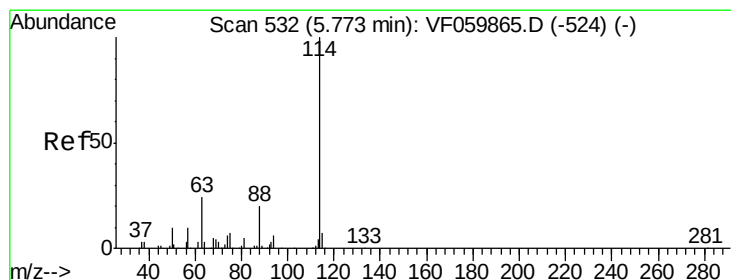
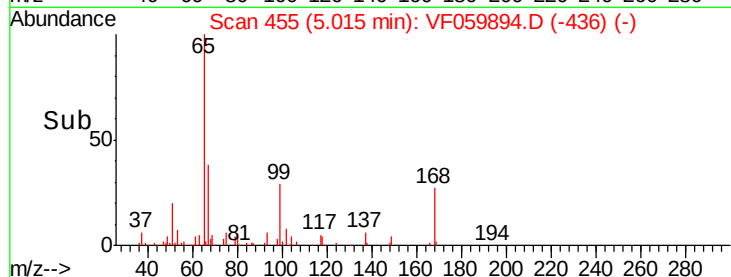
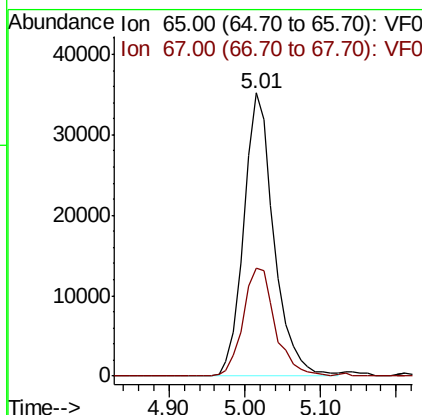
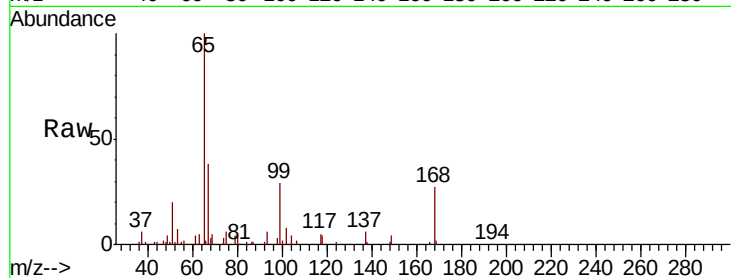




#33
 1,2-Dichloroethane-d4
 Concen: 66.49 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VF059894.D
 Acq: 6 Aug 2018 23:49

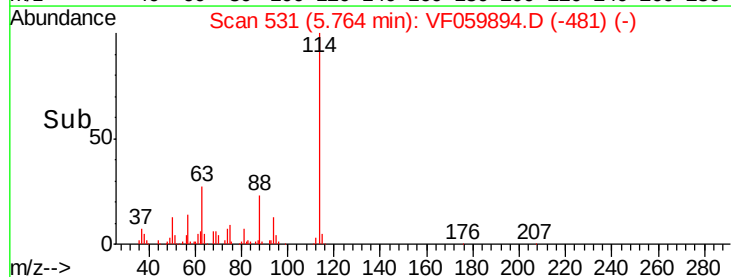
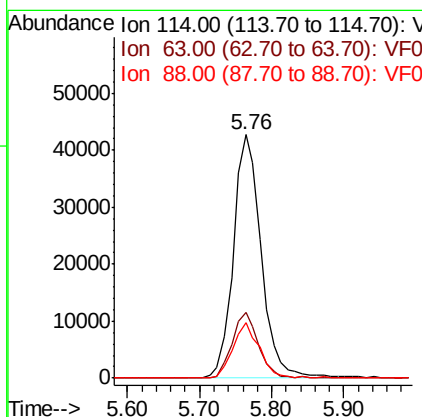
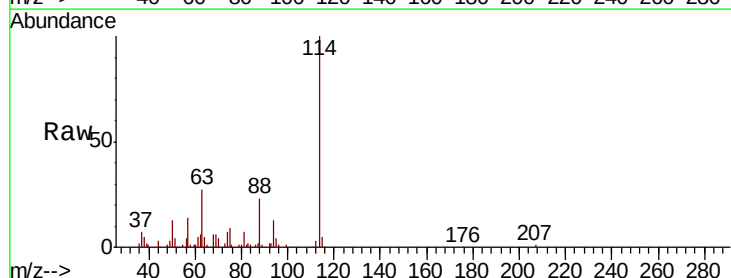
Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-1RE

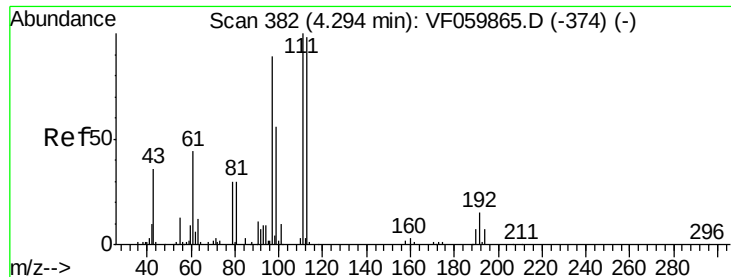
Tot Ion: 65 Resp: 97447
 Ion Ratio Lower Upper
 65 100
 67 38.2 0.0 77.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF059894.D
 Acq: 6 Aug 2018 23:49

Tgt Ion: 114 Resp: 114931
 Ion Ratio Lower Upper
 114 100
 63 26.8 0.0 48.0
 88 22.8 0.0 39.4





#35

Dibromofluoromethane

Concen: 71.68 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059894.D

Acq: 6 Aug 2018 23:49

Instrument :

MSVOA_F

ClientSampleId :

SOIL-1RE

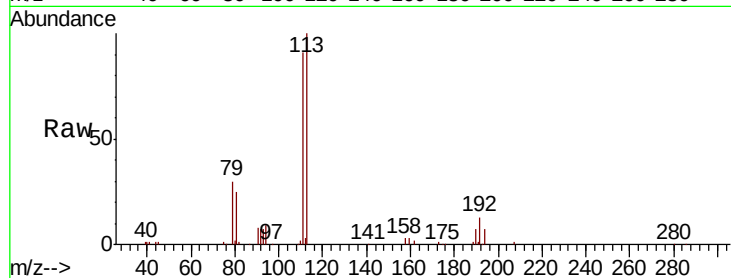
Tot Ion:113 Resp: 81967

Ion Ratio Lower Upper

113 100

111 90.7 81.8 122.8

192 13.2 12.4 18.6

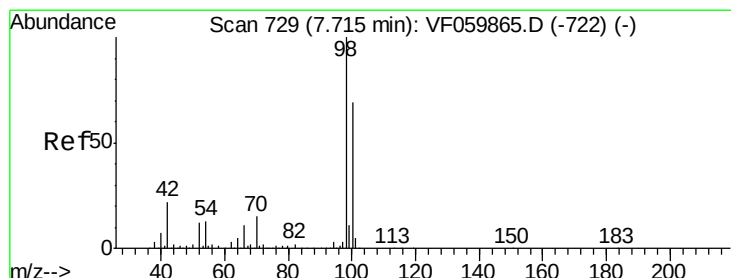
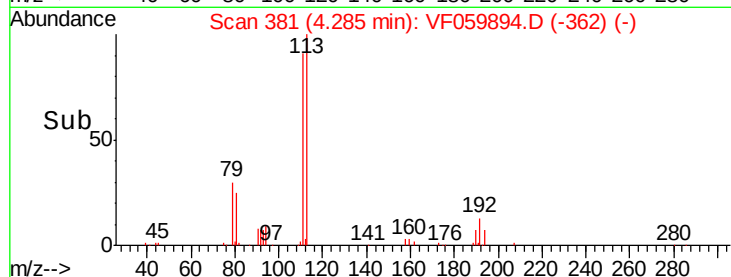
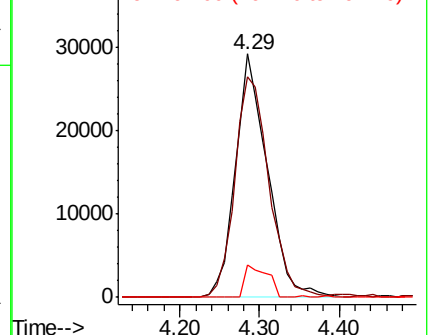


Abundance

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: 30.42 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF059894.D

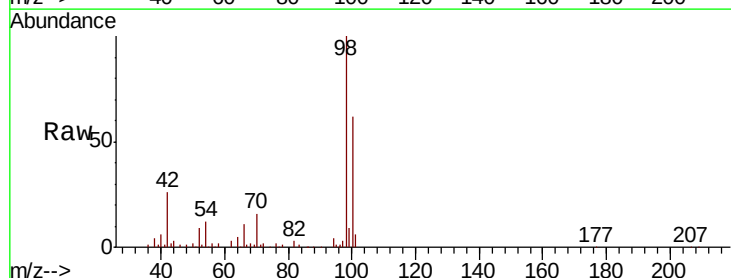
Acq: 6 Aug 2018 23:49

Tgt Ion: 98 Resp: 74005

Ion Ratio Lower Upper

98 100

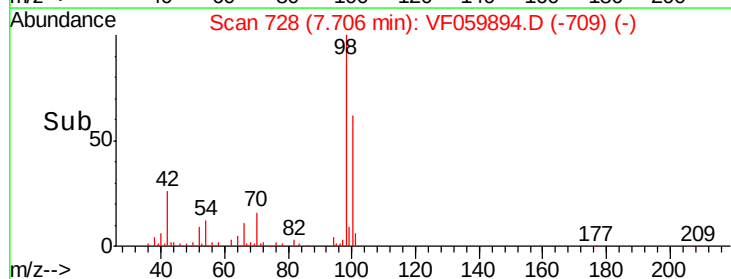
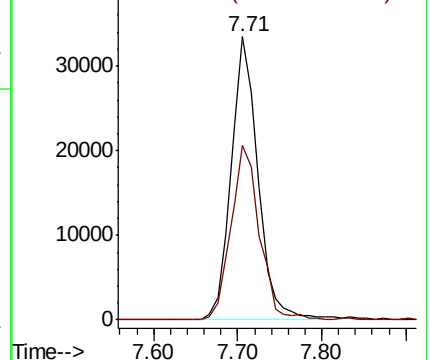
100 61.5 55.0 82.6

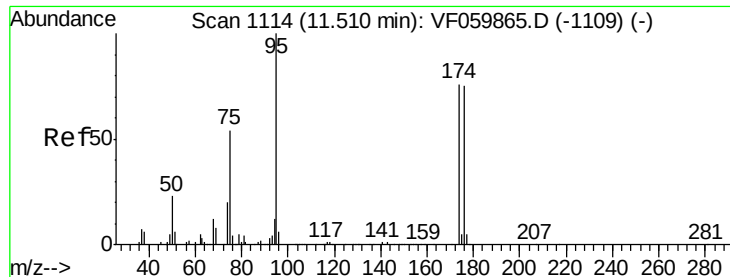


Abundance

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

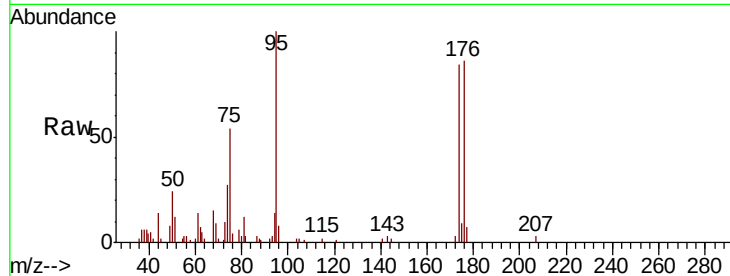




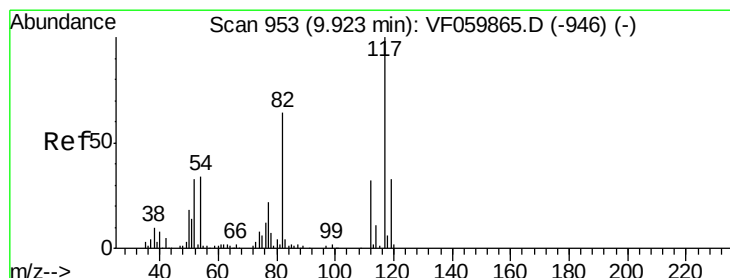
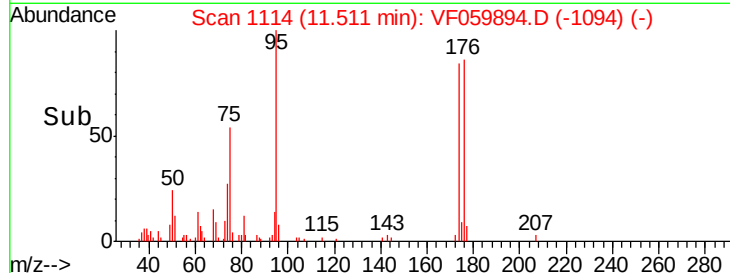
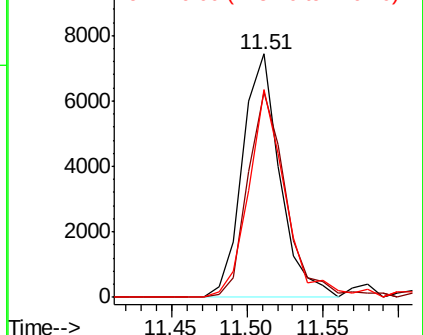
#62
4-Bromofluorobenzene
Concen: 9.37 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059894.D
Acq: 6 Aug 2018 23:49

Instrument :
MSVOA_F
ClientSampleId :
SOIL-1RE

Tot Ion: 95 Resp: 12809
Ion Ratio Lower Upper
95 100
174 84.3 0.0 151.6
176 85.6 0.0 149.8

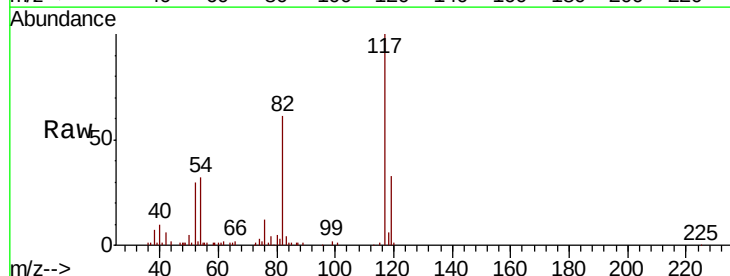


Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

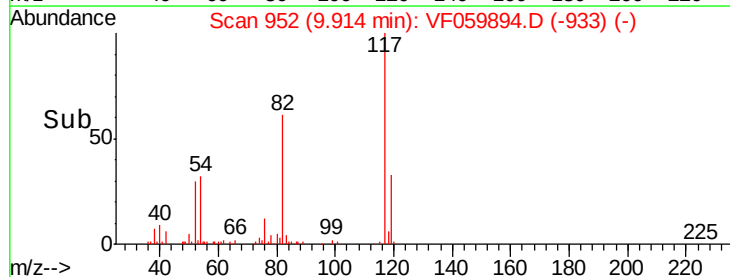
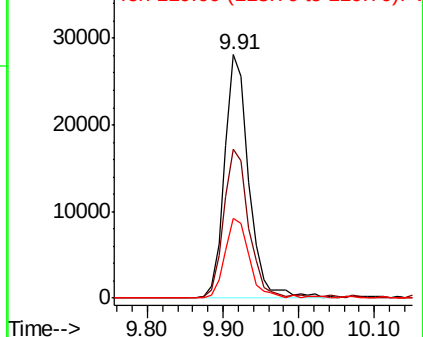


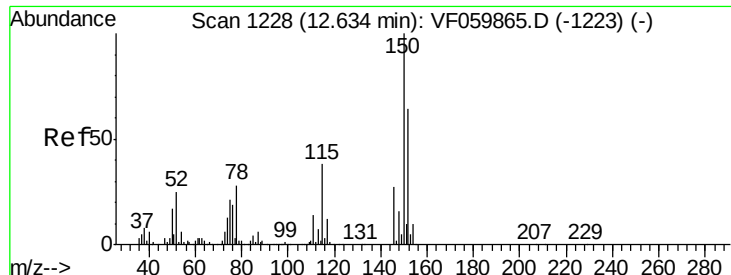
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF059894.D
Acq: 6 Aug 2018 23:49

Tgt Ion: 117 Resp: 62457
Ion Ratio Lower Upper
117 100
82 61.0 51.3 76.9
119 32.9 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: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059894.D

Acq: 6 Aug 2018 23:49

Instrument :

MSVOA_F

ClientSampleId :

SOIL-1RE

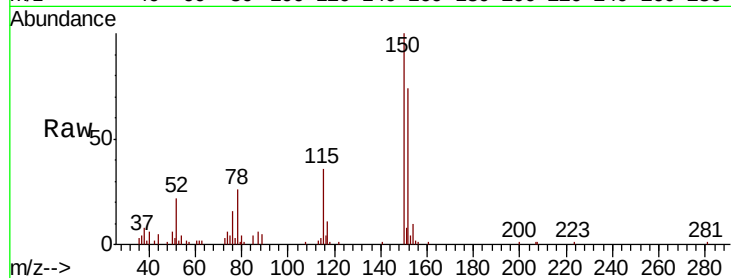
Tot Ion:152 Resp: 13515

Ion Ratio Lower Upper

152 100

115 48.2 29.8 89.4

150 135.8 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

