

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059897.D
 Acq On : 7 Aug 2018 1:12
 Operator : VA/AP
 Sample : J4333-13RE
 Misc : 4.79g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-4RE

Quant Time: Aug 07 04:25:17 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	18839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	15965	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	9895	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	2619	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	5837	17.19	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	34.38%	
35) Dibromofluoromethane	4.28	113	5546	34.91	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	69.82%	
50) Toluene-d8	7.70	98	12537	37.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	74.18%	
62) 4-Bromofluorobenzene	11.51	95	2158	11.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	22.72%	

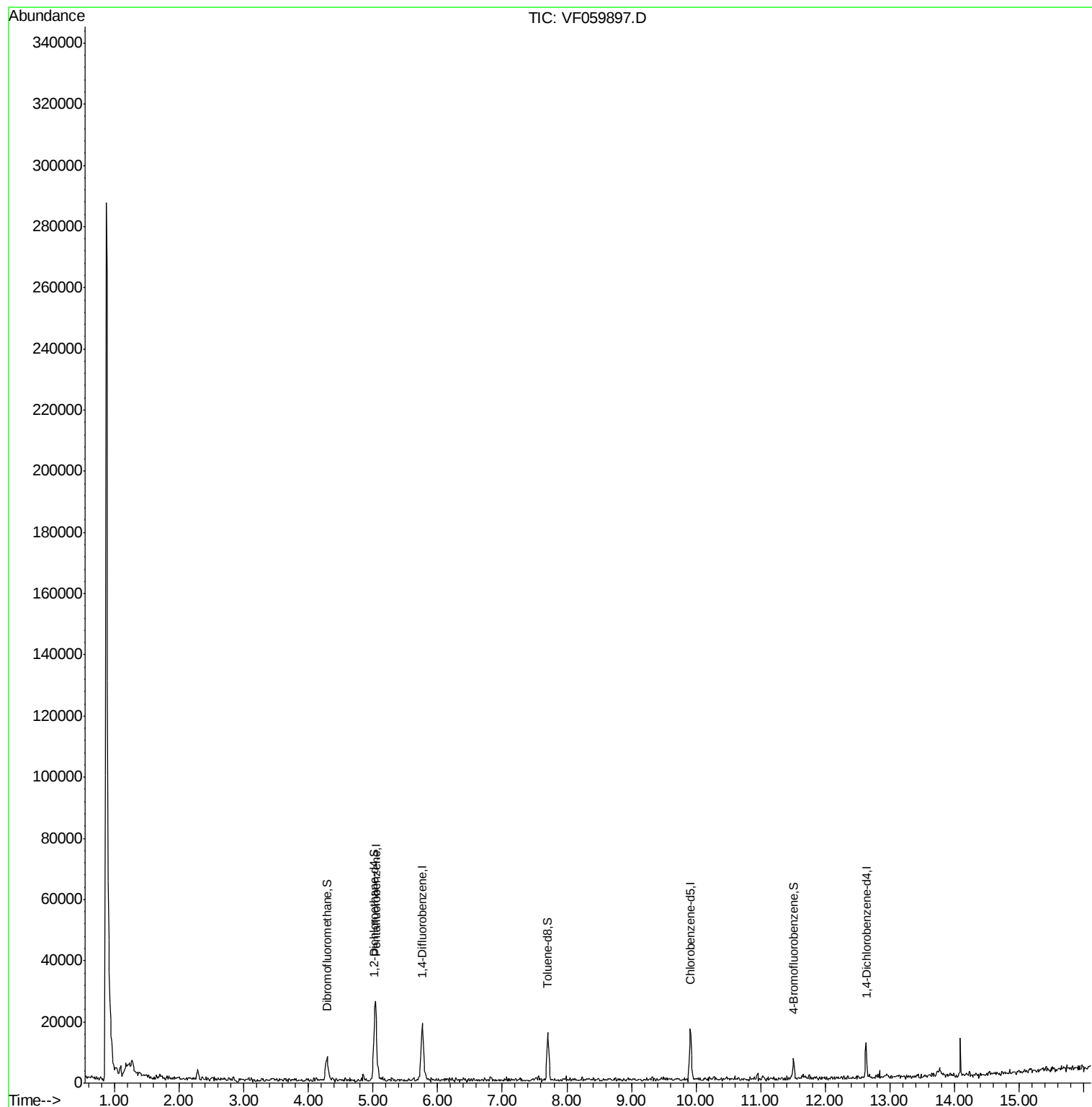
Target Compounds	Qvalue

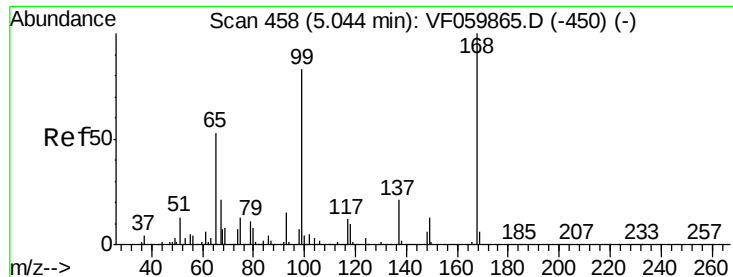
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059897.D

Acq: 7 Aug 2018 1:12

Instrument :

MSVOA_F

ClientSampleId :

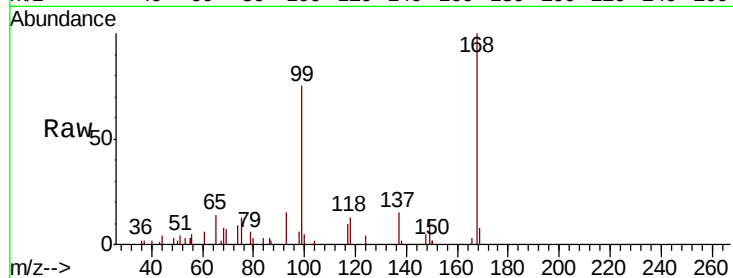
SOIL-4RE

Tot Ion:168 Resp: 18839

Ion Ratio Lower Upper

168 100

99 75.3 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

8000

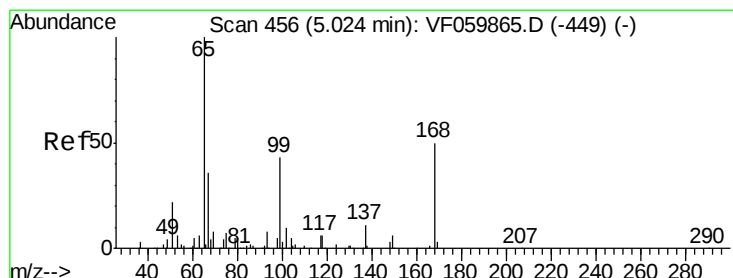
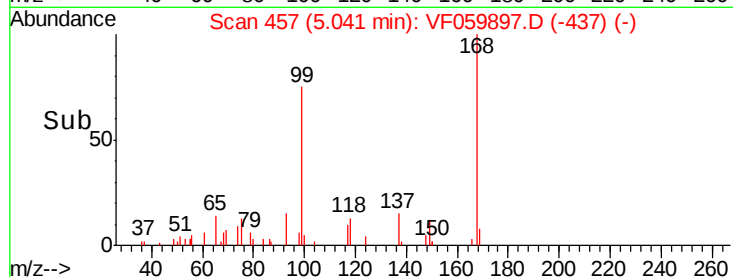
6000

4000

2000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 17.19 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059897.D

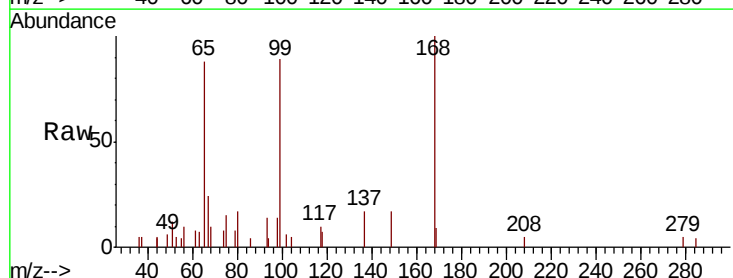
Acq: 7 Aug 2018 1:12

Tgt Ion: 65 Resp: 5837

Ion Ratio Lower Upper

65 100

67 27.4 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

2500

2000

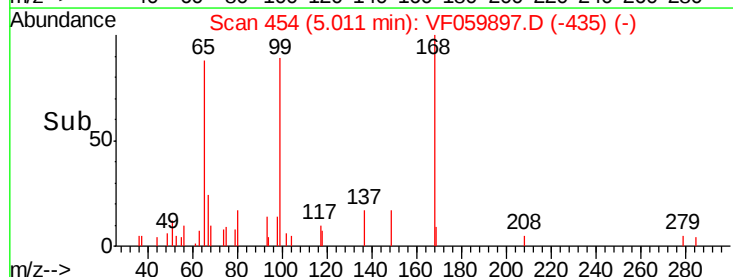
1500

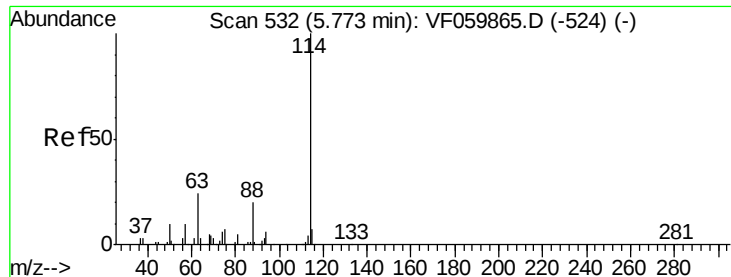
1000

500

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059897.D

Acq: 7 Aug 2018 1:12

Instrument :

MSVOA_F

ClientSampleId :

SOIL-4RE

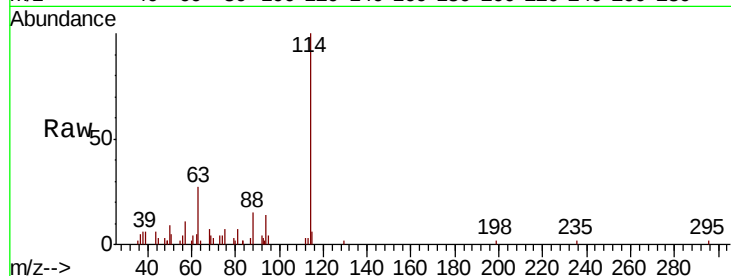
Tot Ion:114 Resp: 15965

Ion Ratio Lower Upper

114 100

63 26.7 0.0 48.0

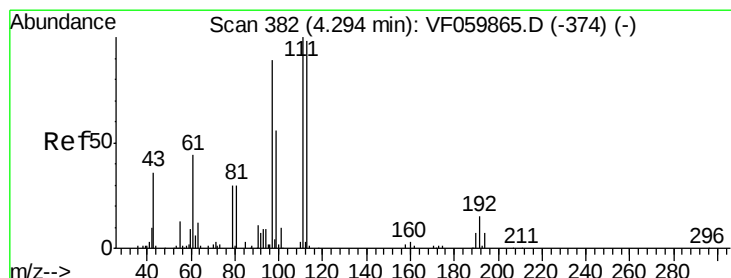
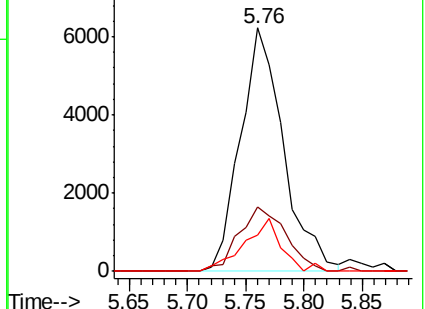
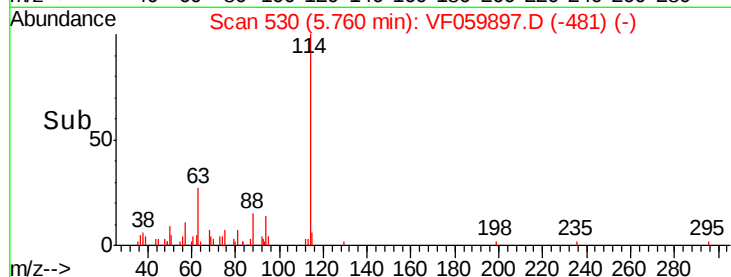
88 14.6 0.0 39.4



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: 34.91 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059897.D

Acq: 7 Aug 2018 1:12

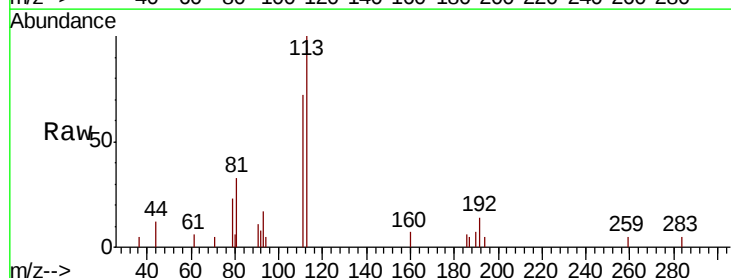
Tgt Ion:113 Resp: 5546

Ion Ratio Lower Upper

113 100

111 71.8 81.8 122.8#

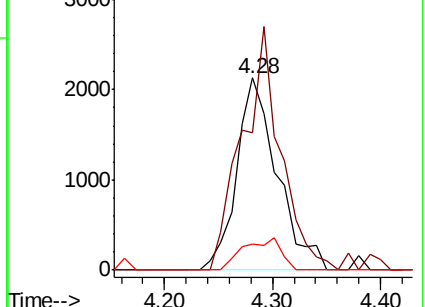
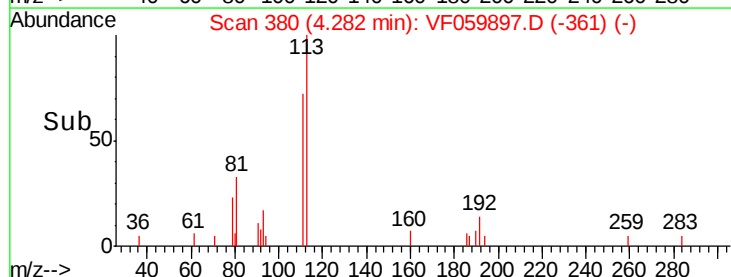
192 13.5 12.4 18.6

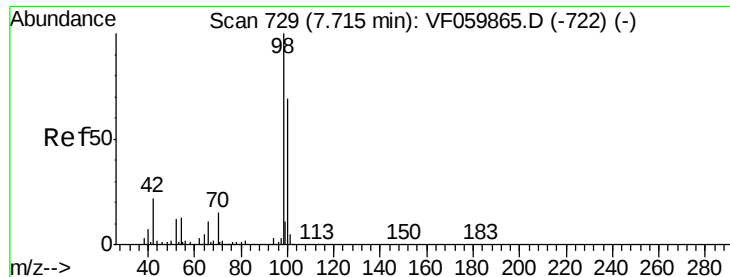


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.09 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF059897.D

Acq: 7 Aug 2018 1:12

Instrument :

MSVOA_F

ClientSampleId :

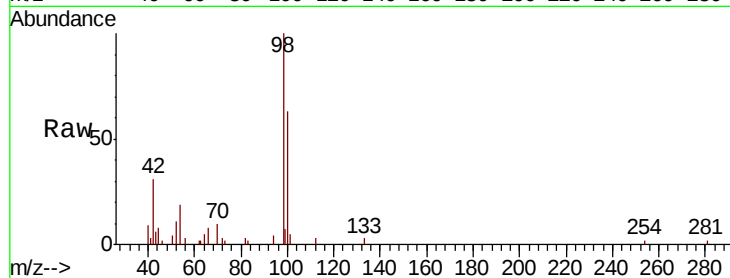
SOIL-4RE

Tot Ion: 98 Resp: 12537

Ion Ratio Lower Upper

98 100

100 63.4 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

6000

5000

4000

3000

2000

1000

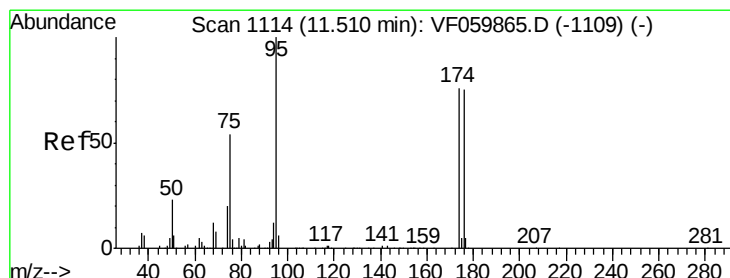
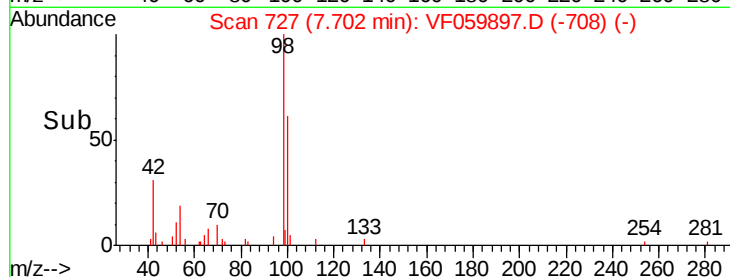
0

7.60

7.70

7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 11.36 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059897.D

Acq: 7 Aug 2018 1:12

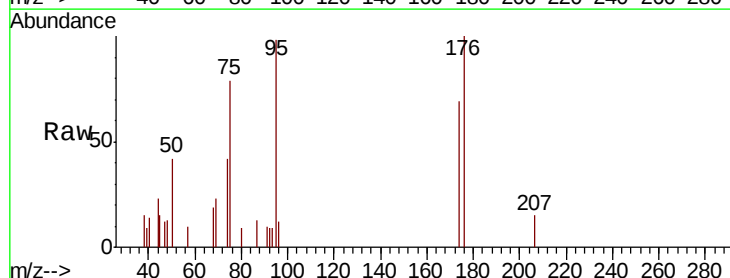
Tgt Ion: 95 Resp: 2158

Ion Ratio Lower Upper

95 100

174 70.6 0.0 151.6

176 102.4 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

1500

1000

500

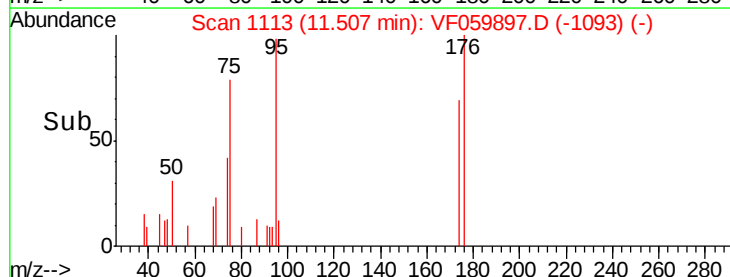
0

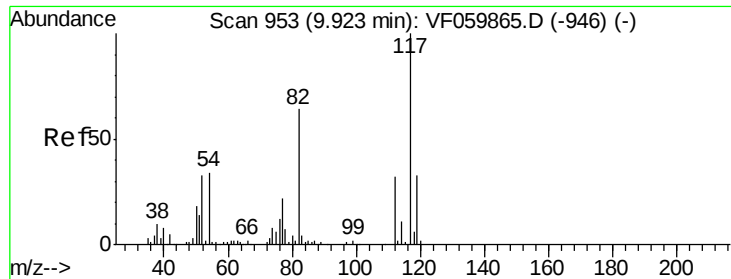
11.45

11.51

11.55

Time-->

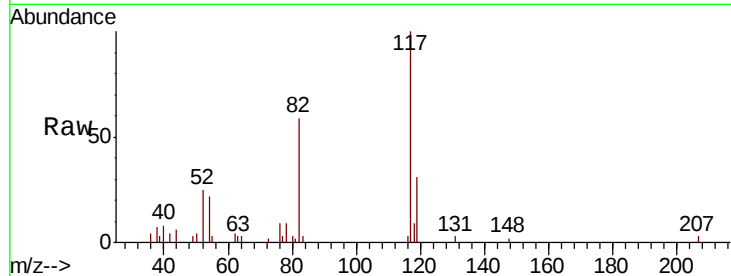




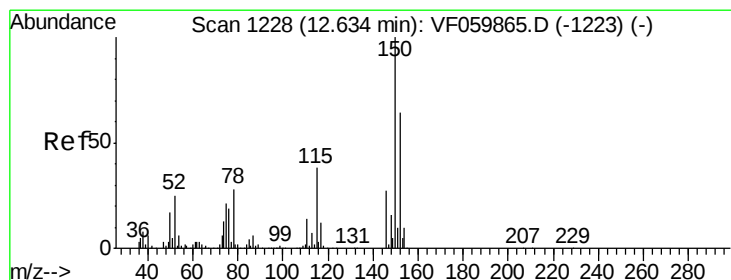
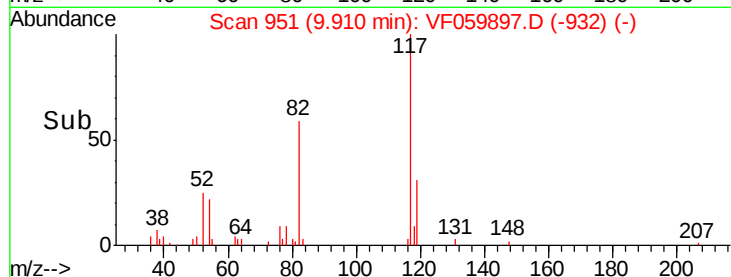
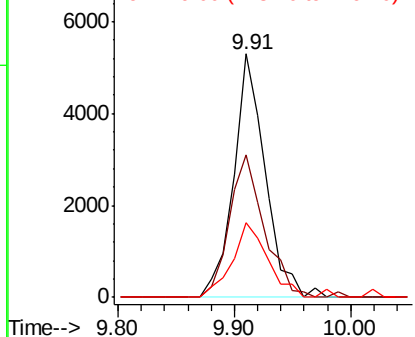
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059897.D
Acq: 7 Aug 2018 1:12

Instrument :
MSVOA_F
ClientSampleId :
SOIL-4RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	51.3	76.9
119	30.5	26.4	39.6

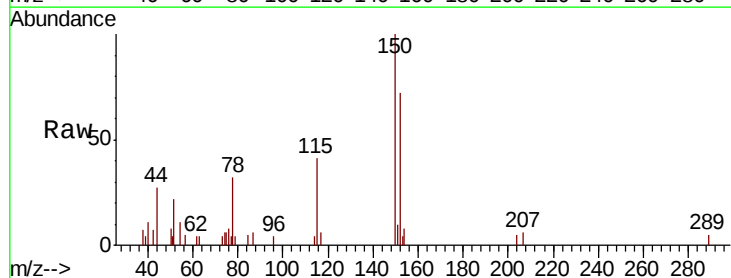


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059897.D
Acq: 7 Aug 2018 1:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.8	89.4
150	139.3	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

