

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080418\
 Data File : VF059878.D
 Acq On : 4 Aug 2018 11:38
 Operator : VA/AP
 Sample : J4333-05
 Misc : 5.77g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-2

Quant Time: Aug 06 02:54:28 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	150611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	220455	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	170436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	61854	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	144550	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
35) Dibromofluoromethane	4.30	113	117045	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
50) Toluene-d8	7.72	98	167378	35.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.72%	
62) 4-Bromofluorobenzene	11.51	95	66167	25.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.46%	

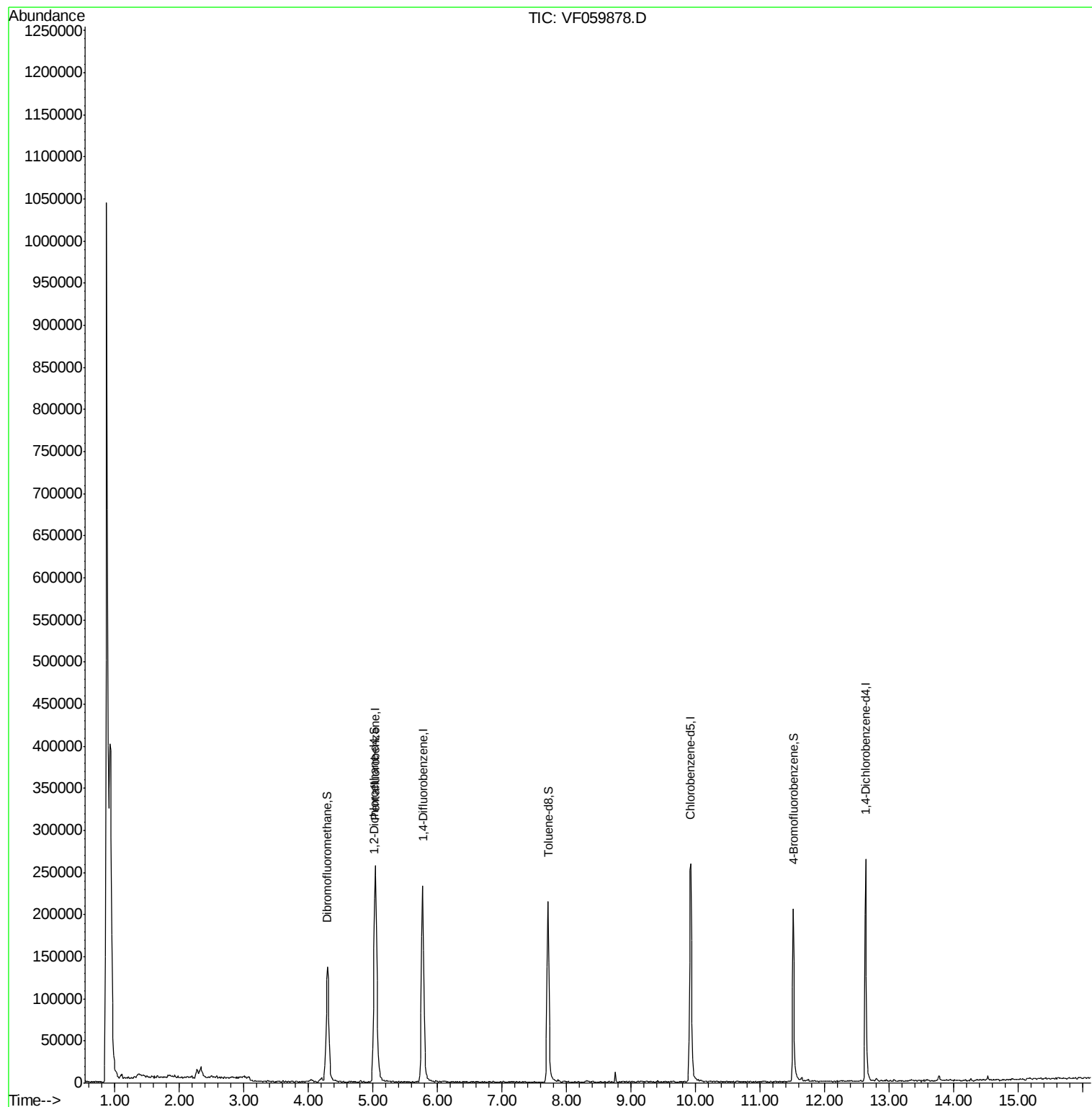
Target Compounds	Qvalue

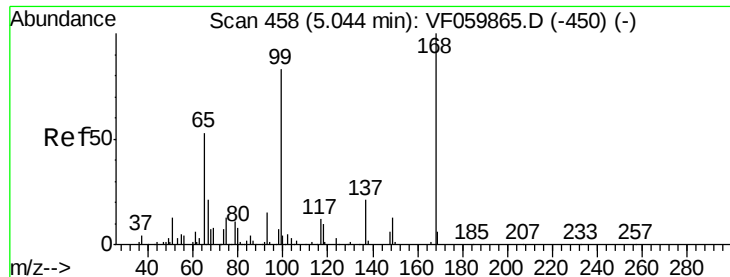
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059878.D

Acq: 4 Aug 2018 11:38

Instrument :

MSVOA_F

ClientSampleId :

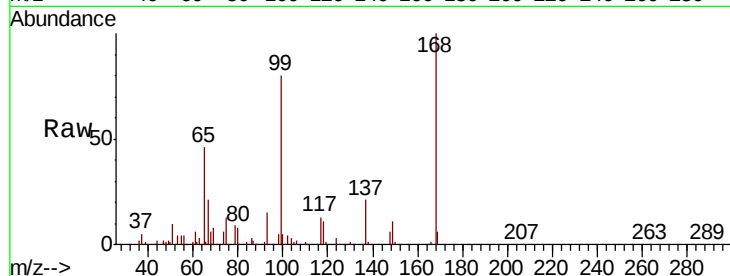
SOIL-2

Tot Ion:168 Resp: 150611

Ion Ratio Lower Upper

168 100

99 80.0 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

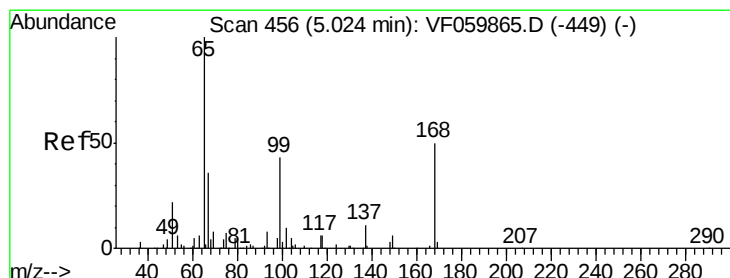
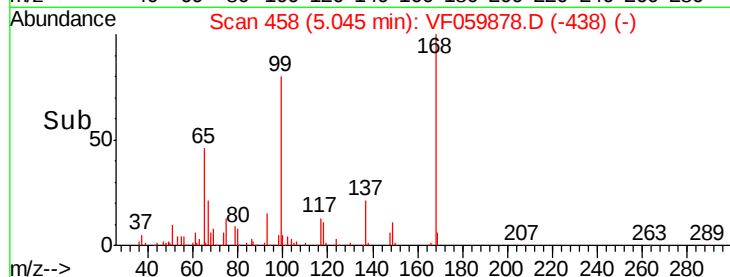
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.24 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059878.D

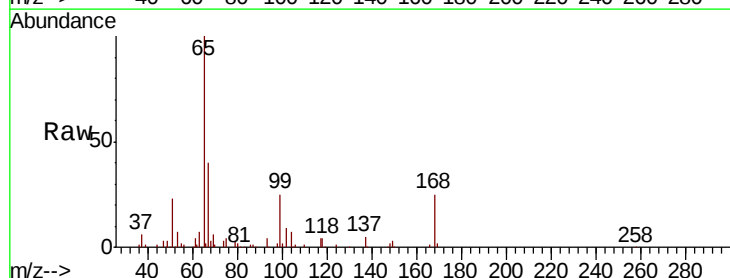
Acq: 4 Aug 2018 11:38

Tgt Ion: 65 Resp: 144550

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

50000

40000

30000

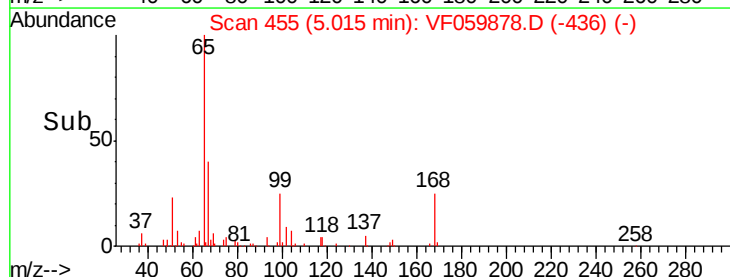
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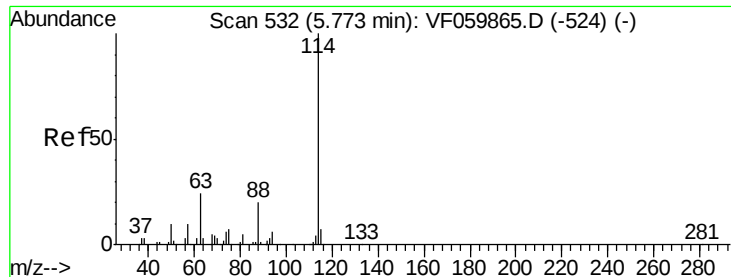
10000

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: VF059878.D

Acq: 4 Aug 2018 11:38

Instrument :

MSVOA_F

ClientSampleId :

SOIL-2

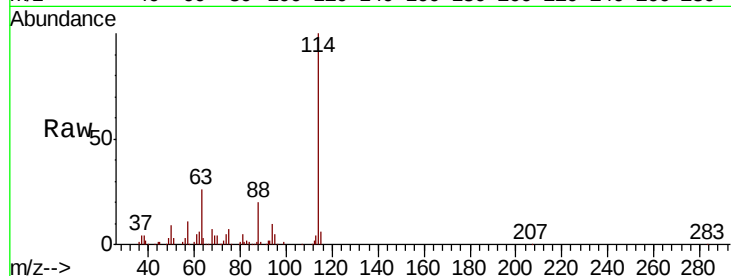
Tot Ion:114 Resp: 220455

Ion Ratio Lower Upper

114 100

63 26.0 0.0 48.0

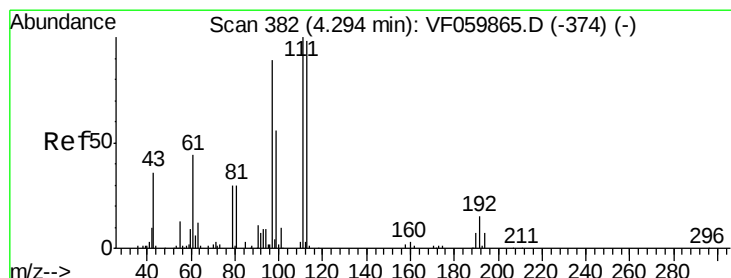
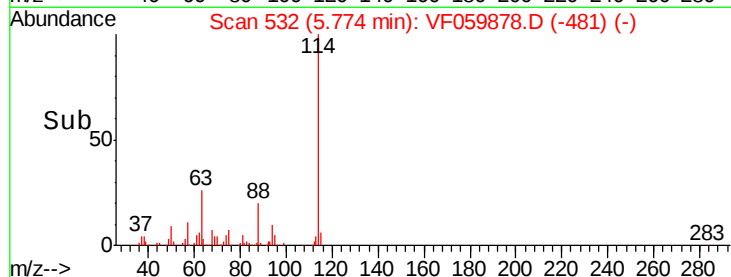
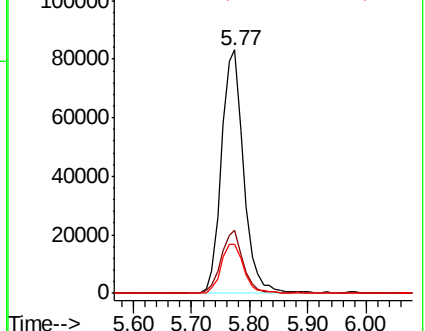
88 20.2 0.0 39.4



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: 53.36 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059878.D

Acq: 4 Aug 2018 11:38

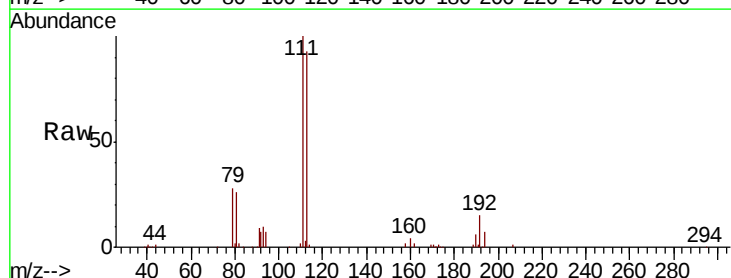
Tgt Ion:113 Resp: 117045

Ion Ratio Lower Upper

113 100

111 107.8 81.8 122.8

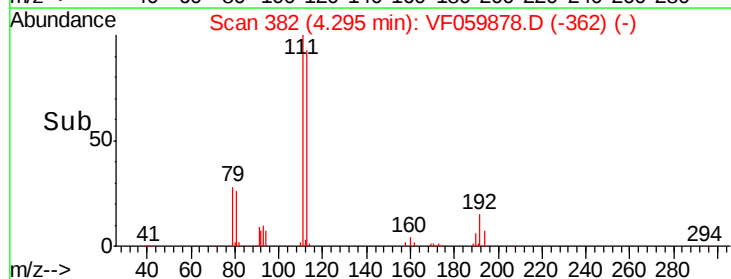
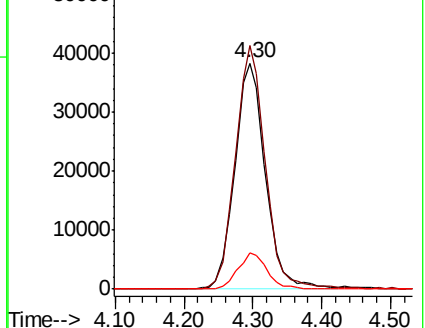
192 16.3 12.4 18.6

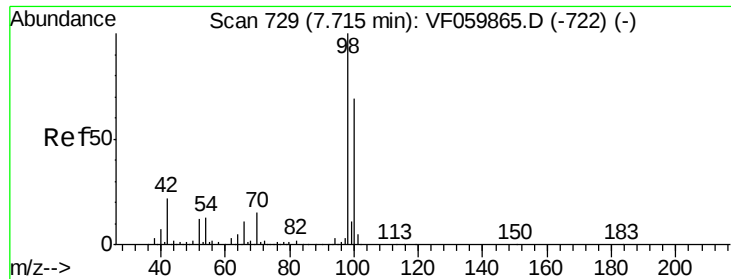


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 35.86 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF059878.D

Acq: 4 Aug 2018 11:38

Instrument :

MSVOA_F

ClientSampleId :

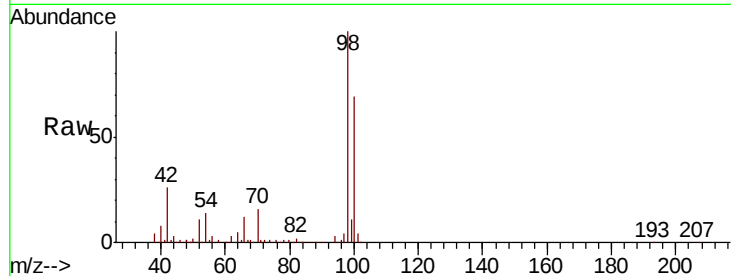
SOIL-2

Tot Ion: 98 Resp: 167378

Ion Ratio Lower Upper

98 100

100 69.0 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.72

60000

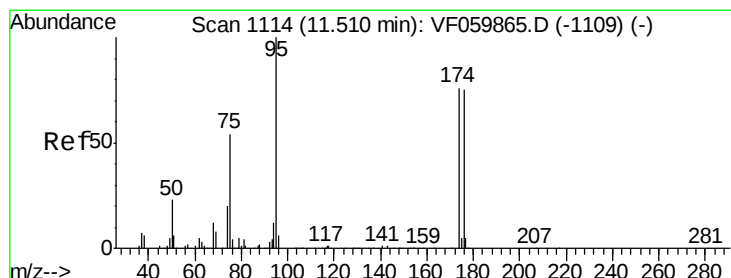
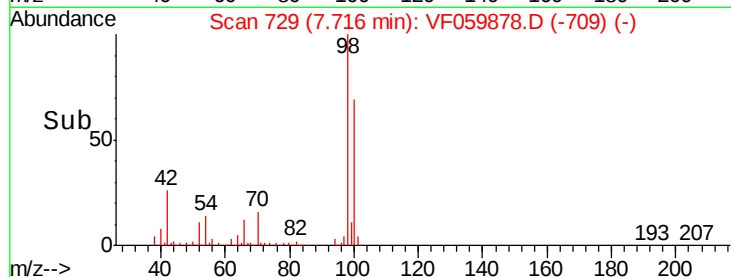
40000

20000

0

Time-->

7.60 7.70 7.80



#62

4-Bromofluorobenzene

Concen: 25.23 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059878.D

Acq: 4 Aug 2018 11:38

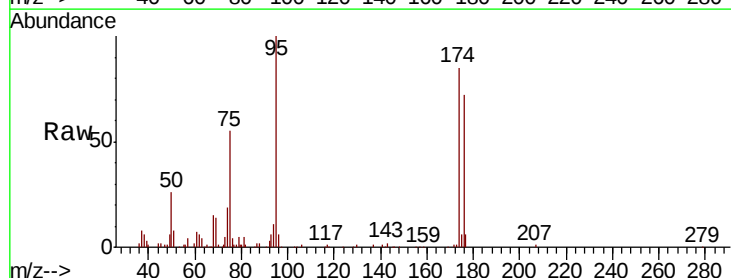
Tgt Ion: 95 Resp: 66167

Ion Ratio Lower Upper

95 100

174 85.0 0.0 151.6

176 72.2 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

11.51

40000

30000

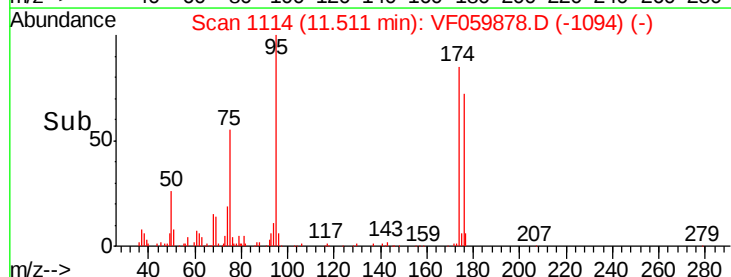
20000

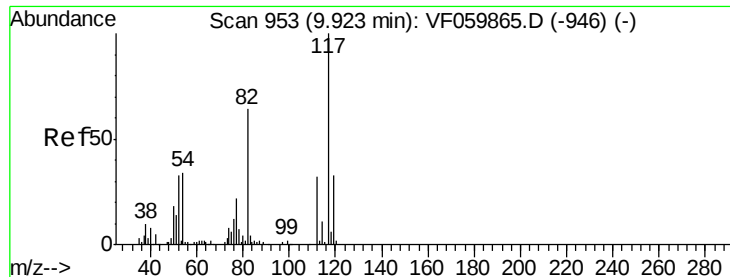
10000

0

Time-->

11.40 11.50 11.60 11.70

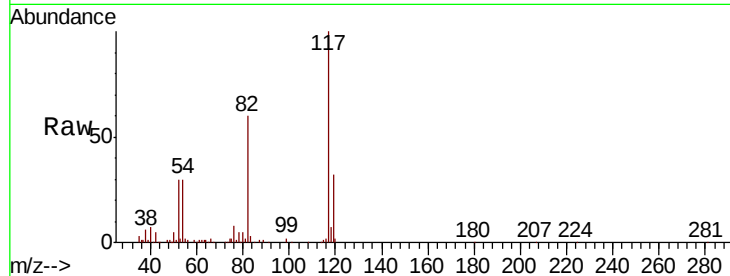




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059878.D
Acq: 4 Aug 2018 11:38

Instrument :
MSVOA_F
ClientSampleId :
SOIL-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	51.3	76.9
119	32.2	26.4	39.6

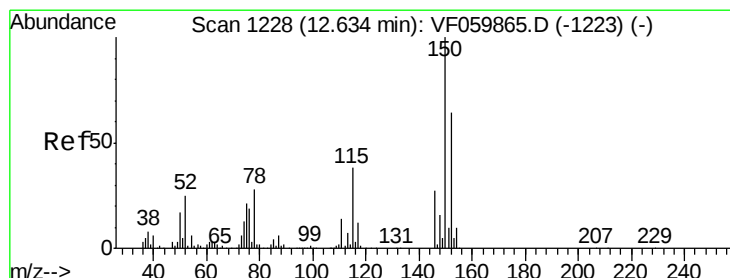
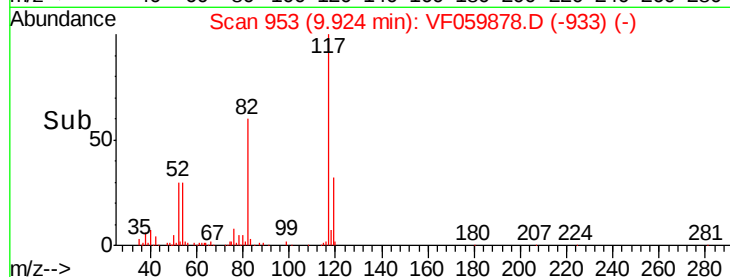
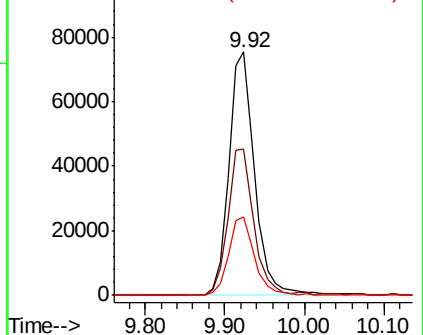


Abundance

Ion 117.00 (116.70 to 117.70): V

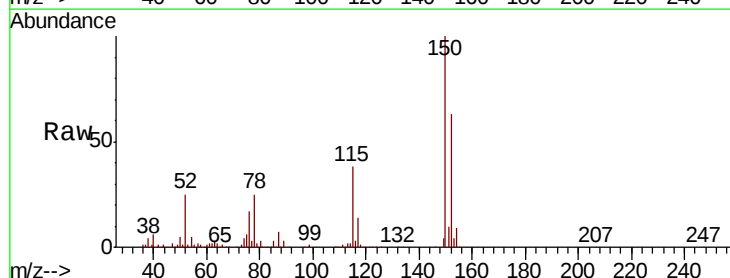
Ion 82.00 (81.70 to 82.70): VF0

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: VF059878.D
Acq: 4 Aug 2018 11:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.8	89.4
150	159.9	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

