

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006098.D
 Acq On : 17 Oct 2018 01:46
 Operator : VA/AP
 Sample : J5524-01
 Misc : 4.11G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-1

Quant Time: Oct 17 02:18:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

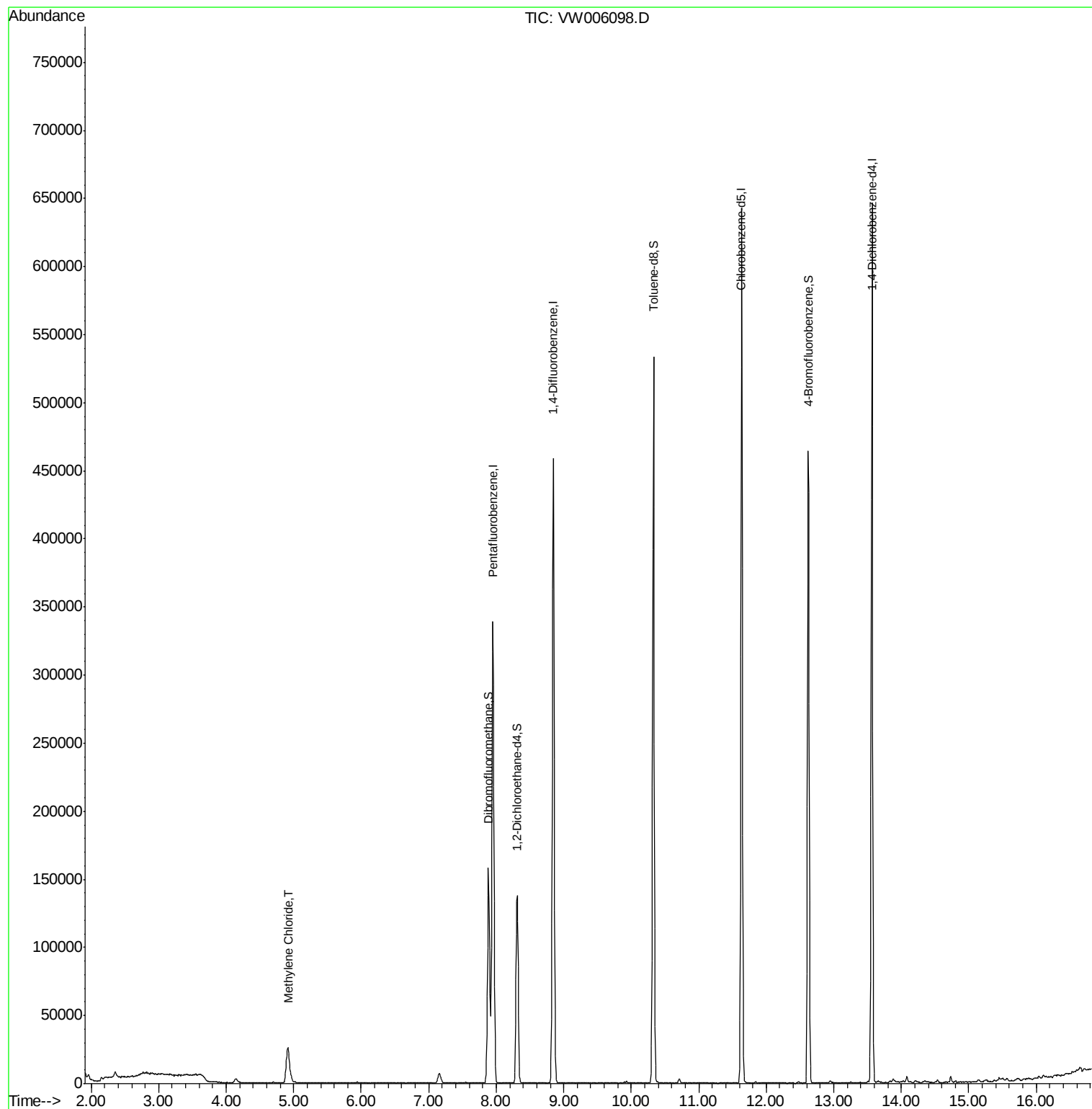
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111060	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	7.88	113	110372	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	10.33	98	371404	40.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.78%	
62) 4-Bromofluorobenzene	12.62	95	142228	41.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.36%	
Target Compounds						
20) Methylene Chloride	4.92	84	23816	8.697	ug/l	Qvalue 98

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

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MSVOA_W
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BS-SOIL-1

Quant Time: Oct 17 02:18:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006098.D

Acq: 17 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

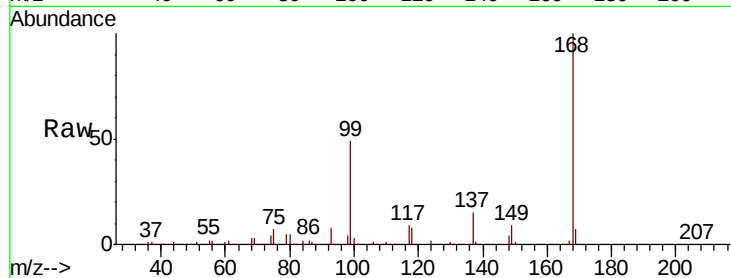
BS-SOIL-1

Tot Ion:168 Resp: 270357

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

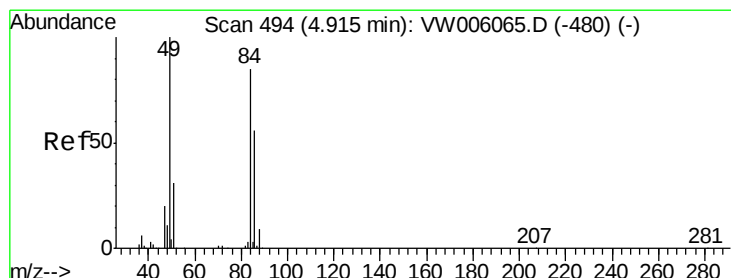
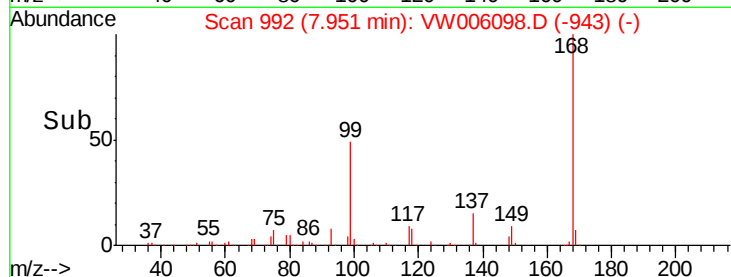
100000

50000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 8.697 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006098.D

Acq: 17 Oct 2018 01:46

Tgt Ion: 84 Resp: 23816

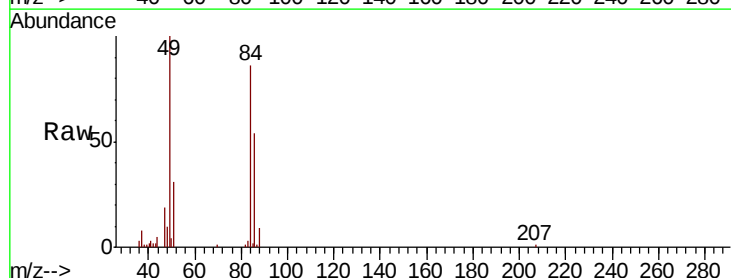
Ion Ratio Lower Upper

84 100

49 115.6 93.6 140.4

51 35.8 29.0 43.4

86 61.9 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.92

12000

10000

8000

6000

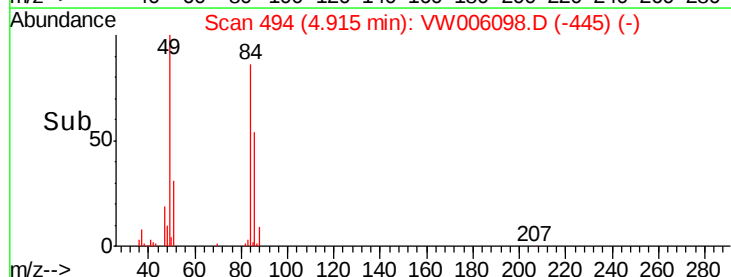
4000

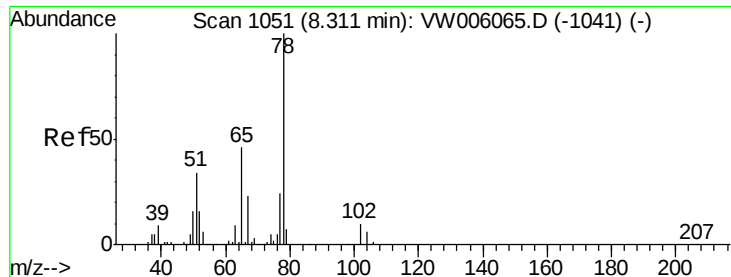
2000

0

Time-->

4.80 4.90 5.00 5.10

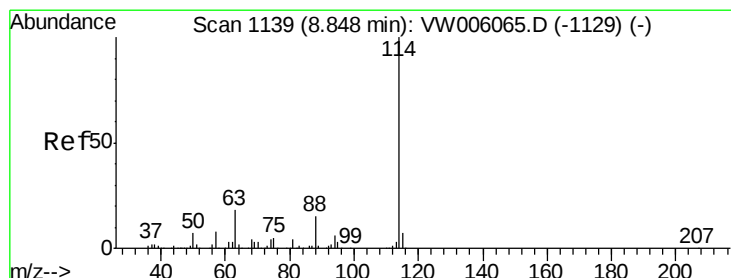
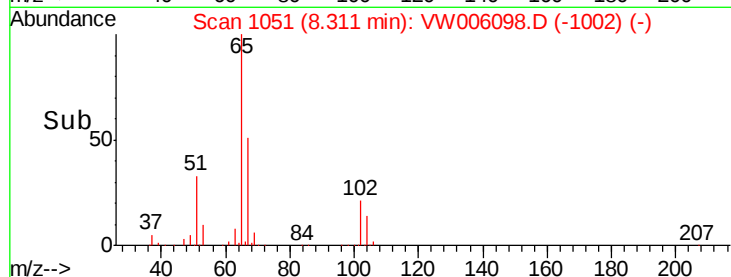
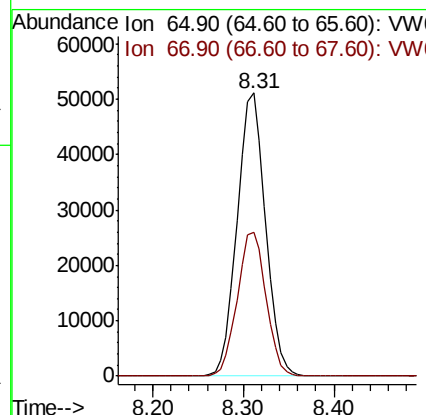
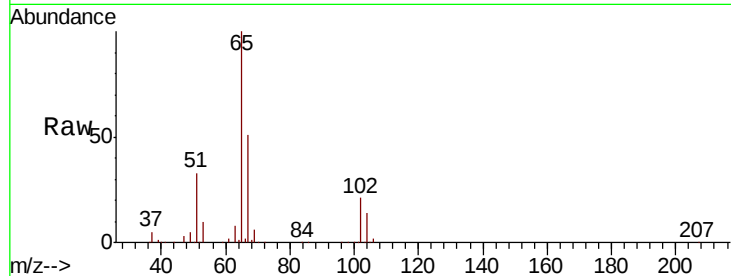




#33
 1,2-Dichloroethane-d4
 Concen: 49.549 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006098.D
 Acq: 17 Oct 2018 01:46

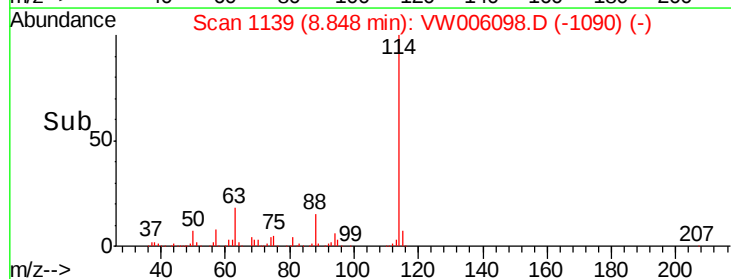
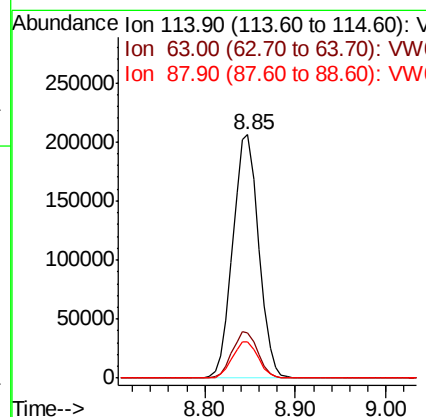
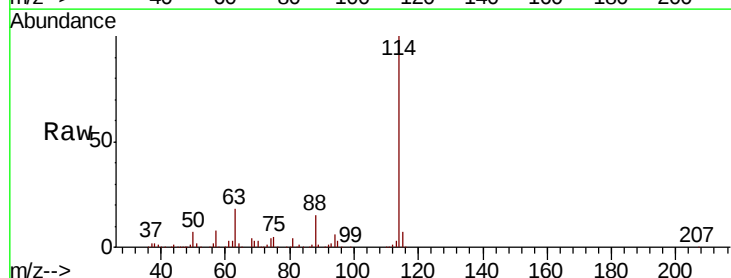
Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-1

Tot Ion: 65 Resp: 111060
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006098.D
 Acq: 17 Oct 2018 01:46

Tgt Ion: 114 Resp: 409027
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.666 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006098.D

Acq: 17 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

BS-SOIL-1

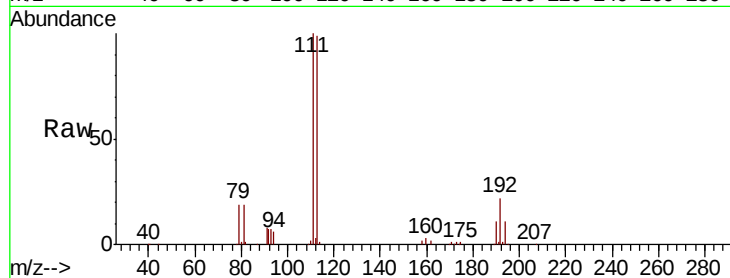
Tot Ion:113 Resp: 110372

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

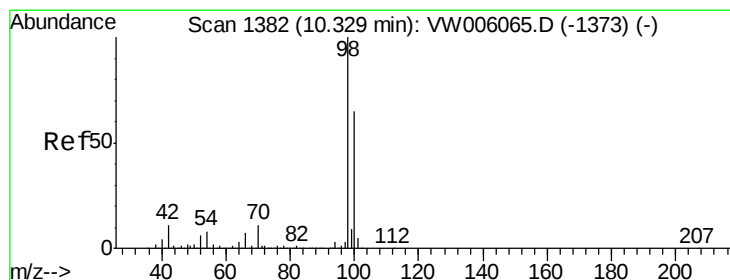
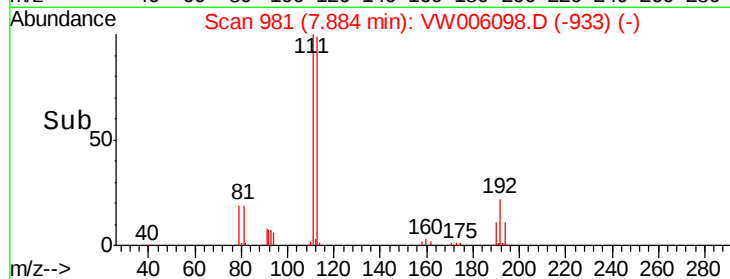
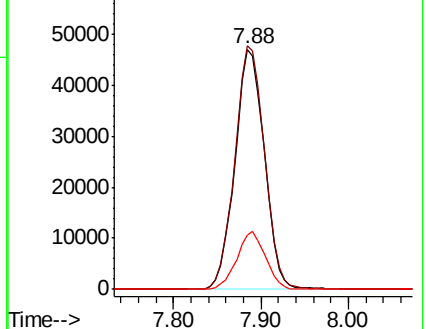
192 23.5 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 40.391 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006098.D

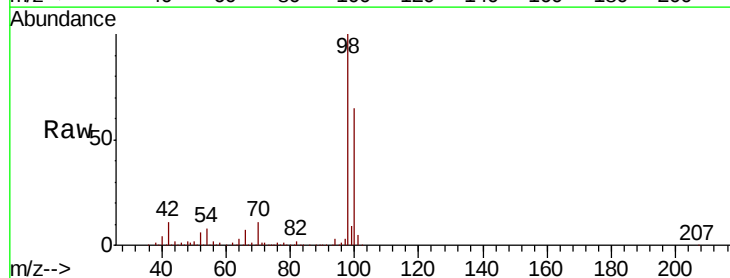
Acq: 17 Oct 2018 01:46

Tgt Ion: 98 Resp: 371404

Ion Ratio Lower Upper

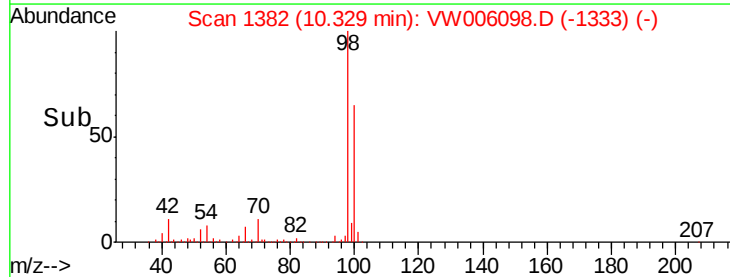
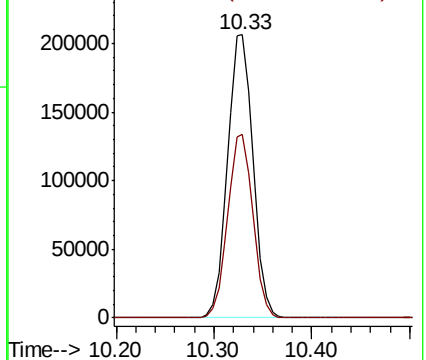
98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

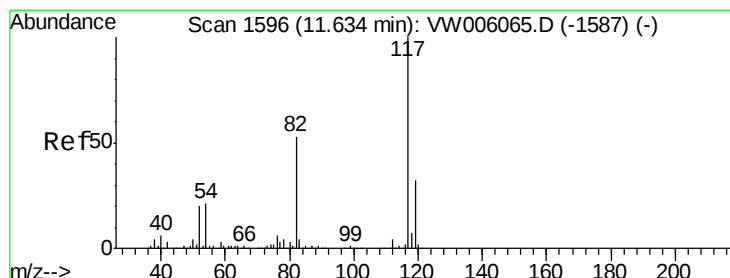
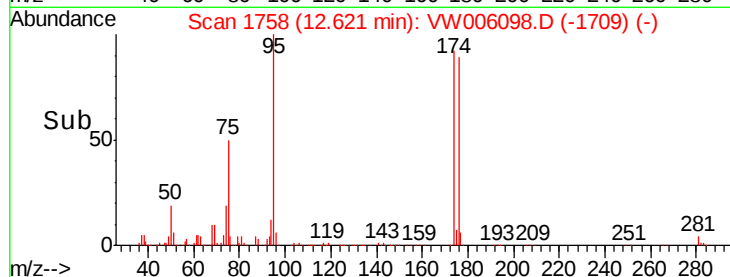
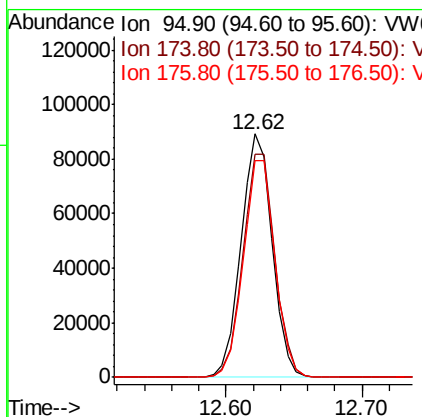
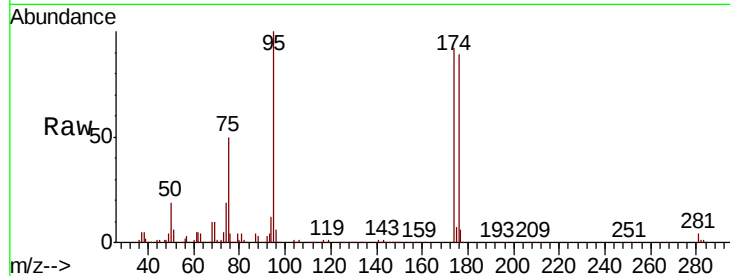




#62
4-Bromofluorobenzene
Concen: 41.183 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006098.D
Acq: 17 Oct 2018 01:46

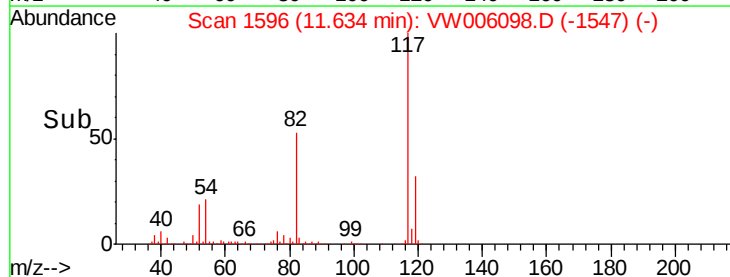
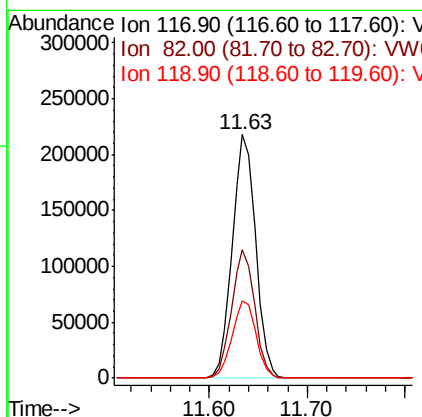
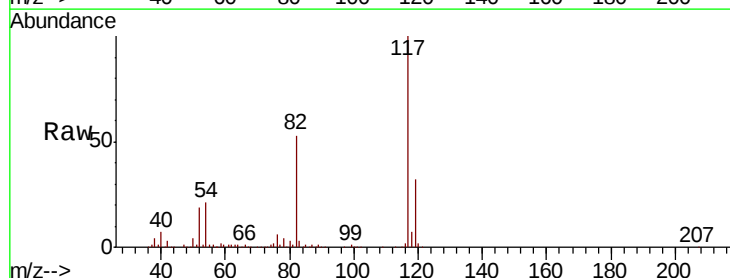
Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-1

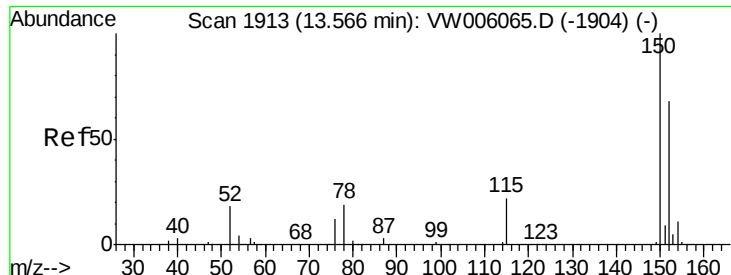
Tot Ion: 95 Resp: 142228
Ion Ratio Lower Upper
95 100
174 94.8 0.0 186.0
176 90.7 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006098.D
Acq: 17 Oct 2018 01:46

Tgt Ion: 117 Resp: 361450
Ion Ratio Lower Upper
117 100
82 52.7 42.1 63.1
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006098.D

Acq: 17 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

BS-SOIL-1

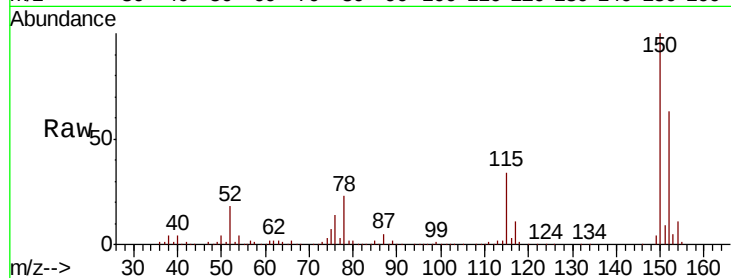
Tot Ion:152 Resp: 180414

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.3

150 156.2 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

