

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006141.D
 Acq On : 17 Oct 2018 21:37
 Operator : VA/AP
 Sample : J5524-05
 Misc : 5.41G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-2

Quant Time: Oct 18 16:46:17 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

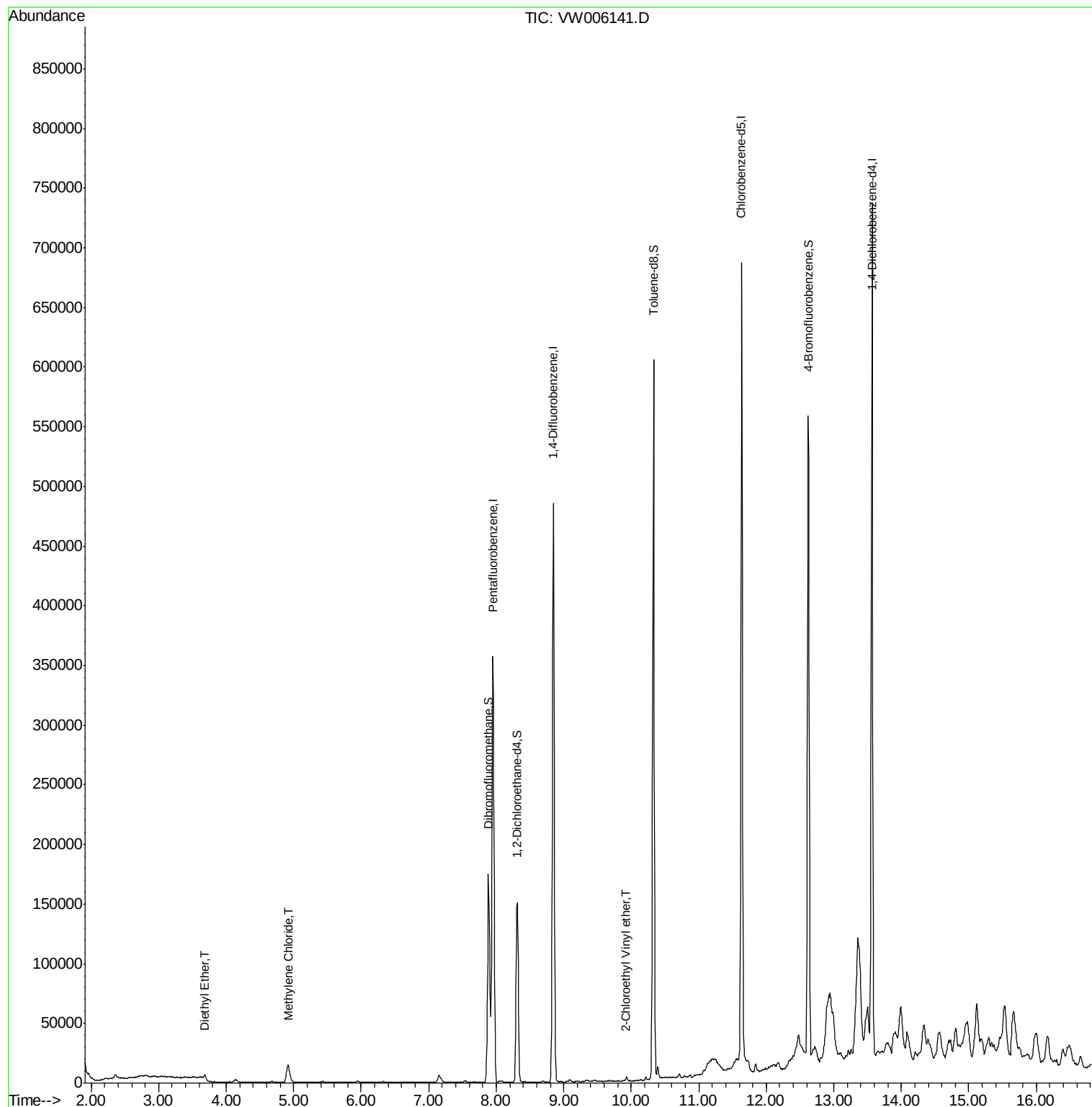
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	123119	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
35) Dibromofluoromethane	7.88	113	120124	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	10.33	98	412950	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
62) 4-Bromofluorobenzene	12.62	95	162898	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
Target Compounds						
8) Diethyl Ether	3.69	74	3004	2.313	ug/l	73
20) Methylene Chloride	4.92	84	13063	3.656	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	1656	1.704	ug/l	97

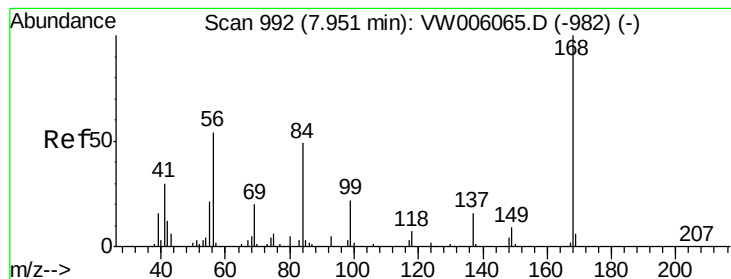
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101718\
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Acq On : 17 Oct 2018 21:37
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ClientSampleId :
BS-SOIL-2

Quant Time: Oct 18 16:46:17 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: VW006141.D

Acq: 17 Oct 2018 21:37

Instrument :

MSVOA_W

ClientSampled :

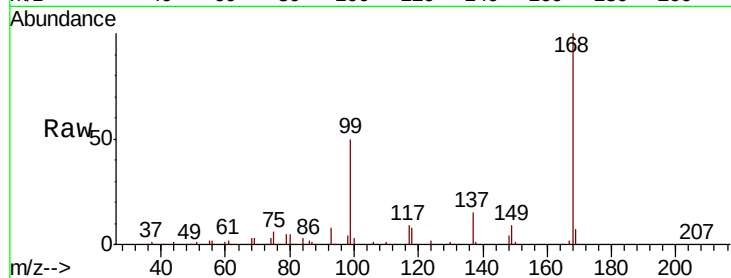
BS-SOIL-2

Tot Ion:168 Resp: 288342

Ion Ratio Lower Upper

168 100

99 49.8 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

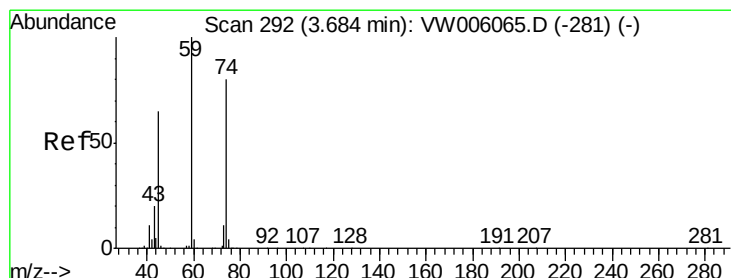
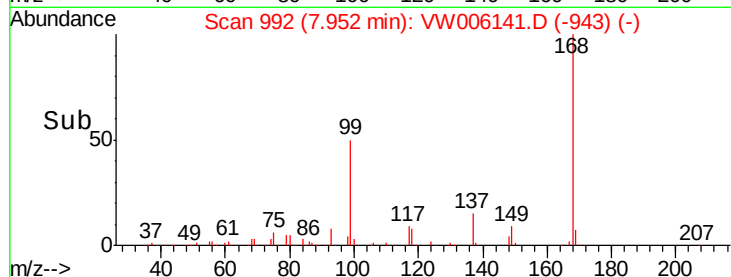
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.313 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW006141.D

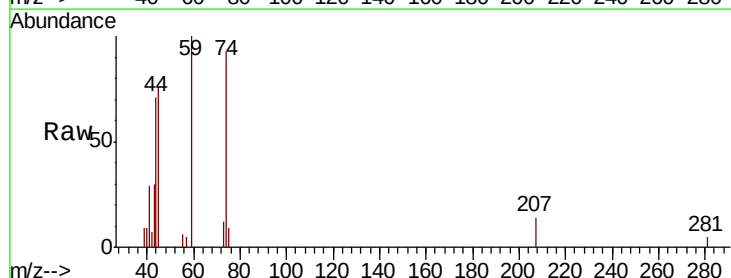
Acq: 17 Oct 2018 21:37

Tgt Ion: 74 Resp: 3004

Ion Ratio Lower Upper

74 100

45 109.9 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

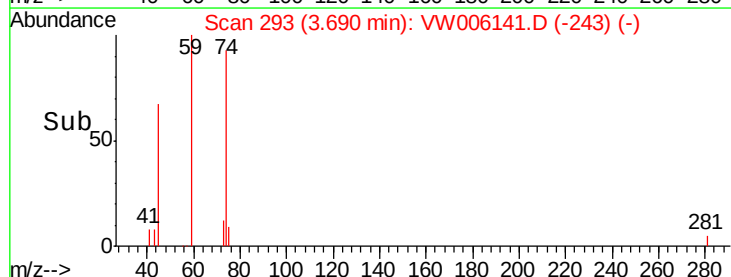
1500

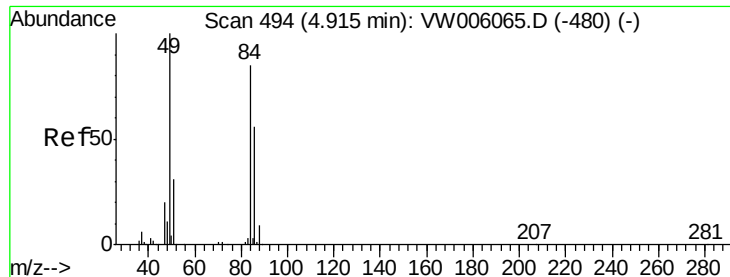
1000

500

0

Time--> 3.60 3.65 3.70 3.75

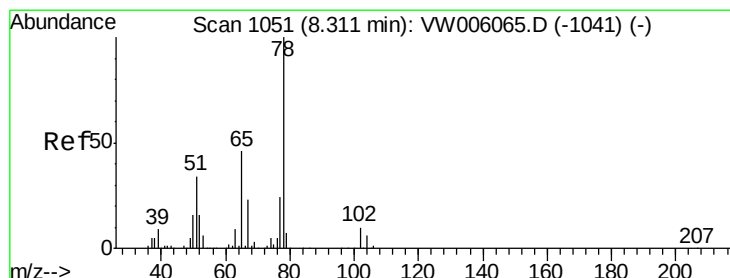
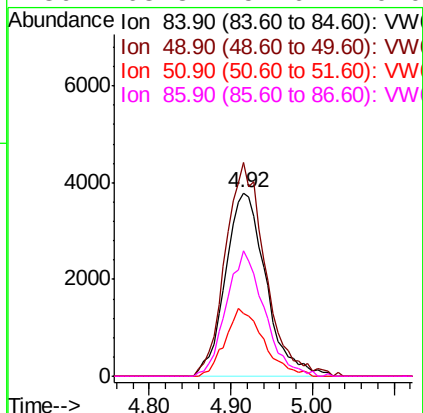
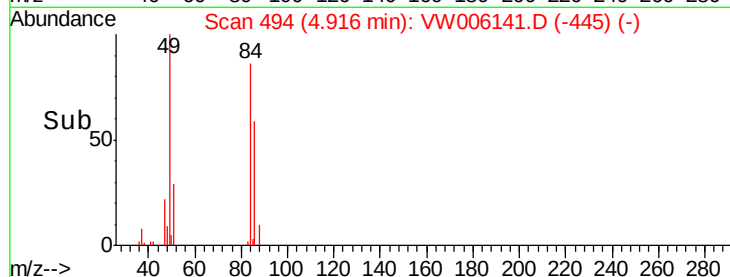
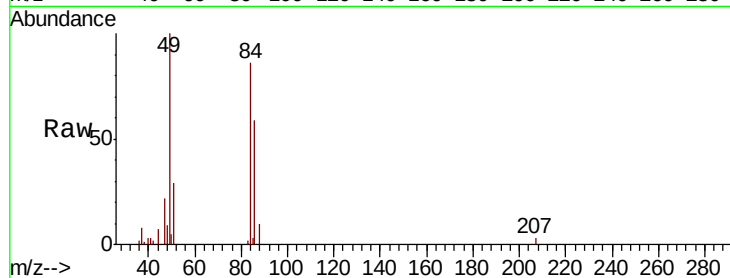




#20
Methylene Chloride
Concen: 3.656 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006141.D
Acq: 17 Oct 2018 21:37

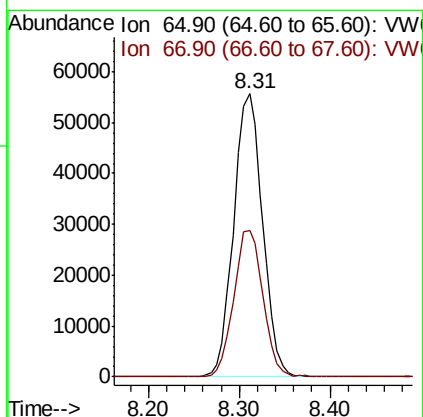
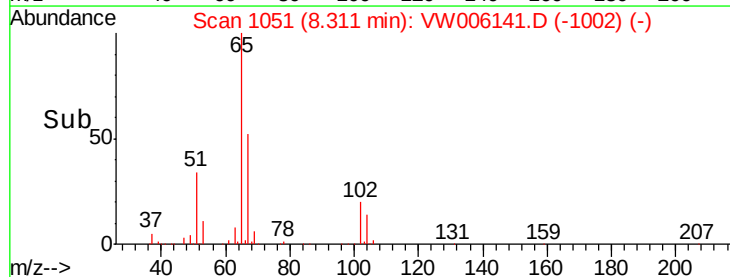
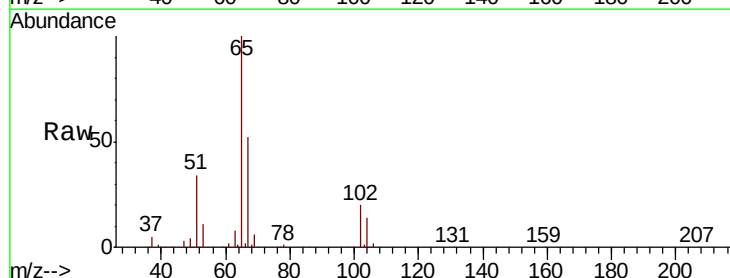
Instrument :
MSVOA_W
ClientSampled :
BS-SOIL-2

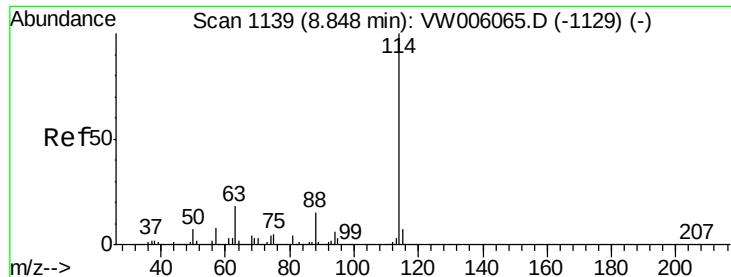
Tot Ion: 84 Resp: 13063
Ion Ratio Lower Upper
84 100
49 116.7 93.6 140.4
51 34.1 29.0 43.4
86 68.8 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 51.503 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006141.D
Acq: 17 Oct 2018 21:37

Tgt Ion: 65 Resp: 123119
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.0

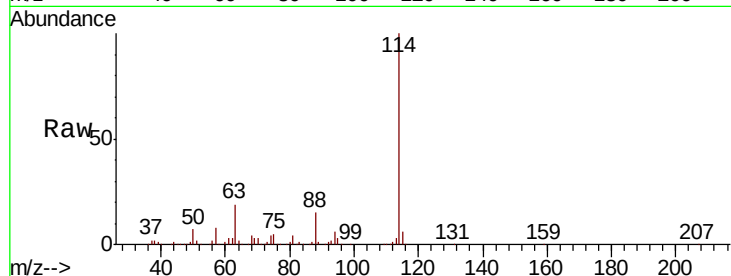




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006141.D
 Acq: 17 Oct 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.8
88	15.0	0.0	29.0

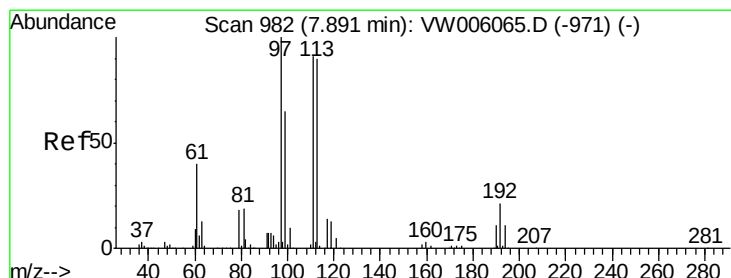
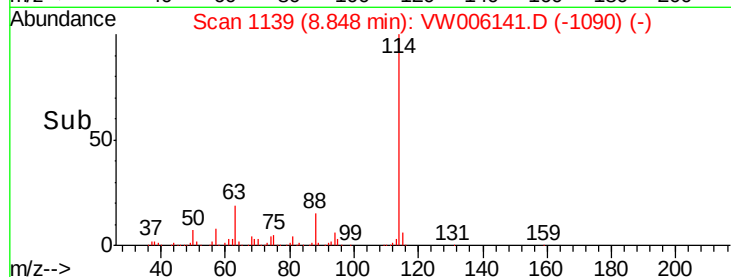
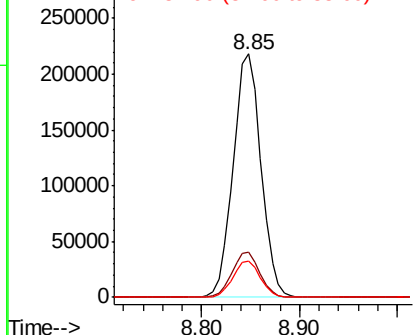


Abundance

Ion 113.90 (113.60 to 114.60): V

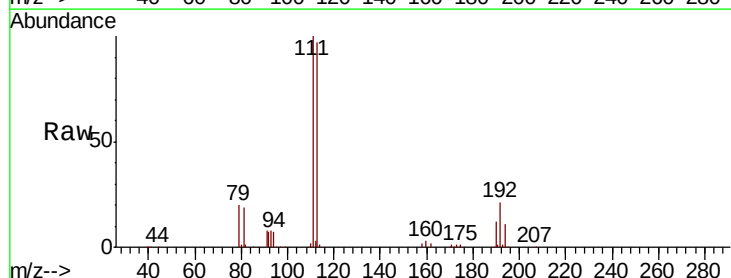
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 47.298 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006141.D
 Acq: 17 Oct 2018 21:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	23.4	18.7	28.1

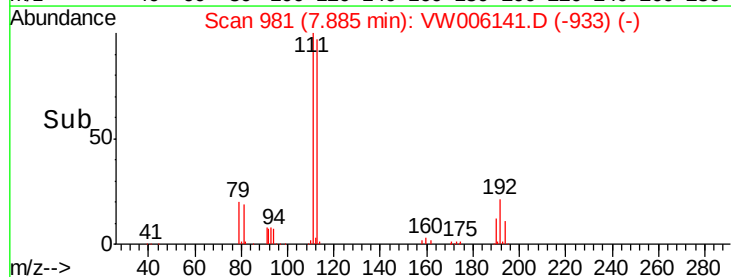
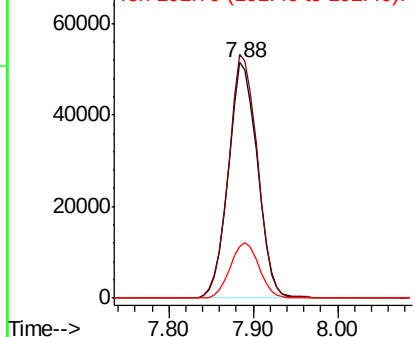


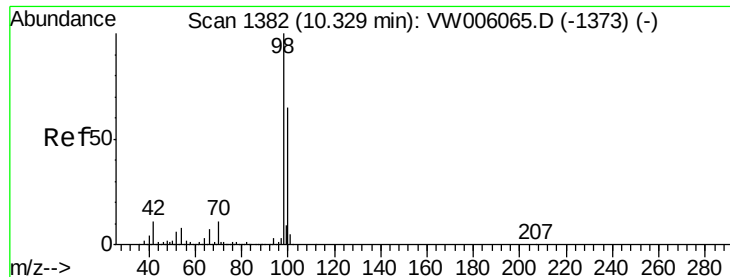
Abundance

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

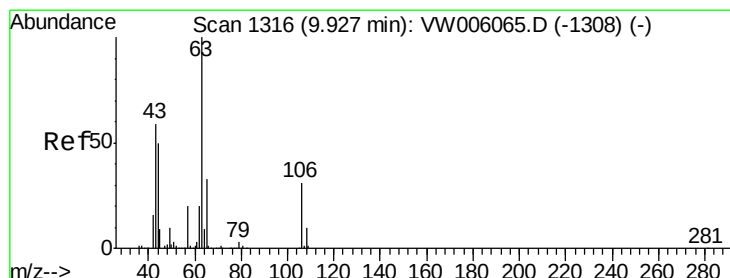
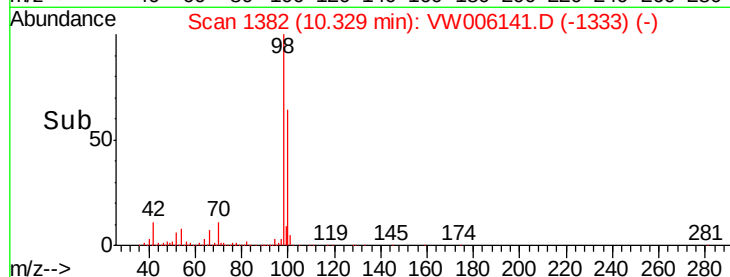
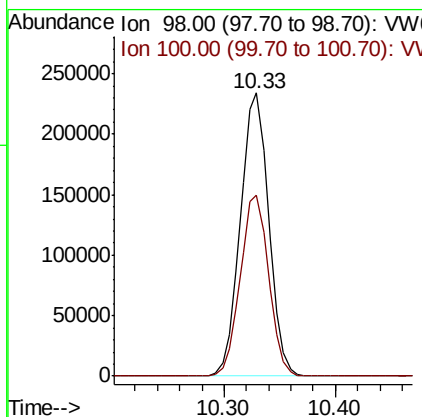
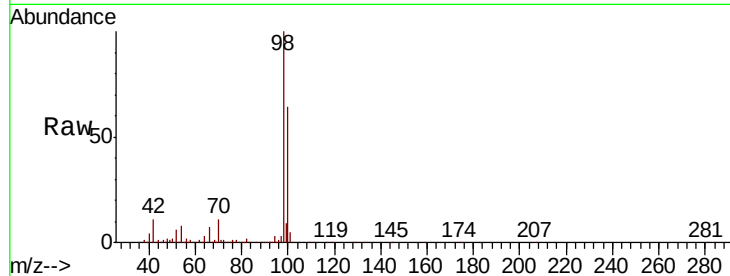




#50
Toluene-d8
Concen: 42.738 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006141.D
Acq: 17 Oct 2018 21:37

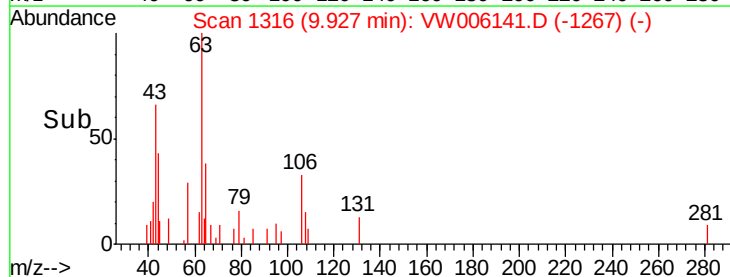
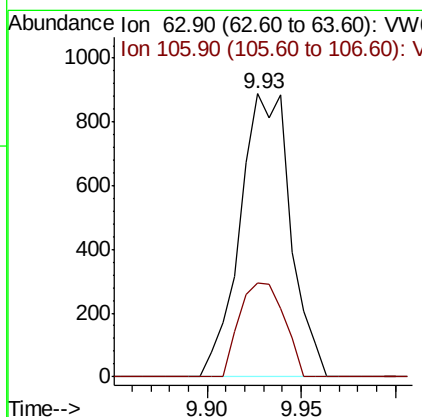
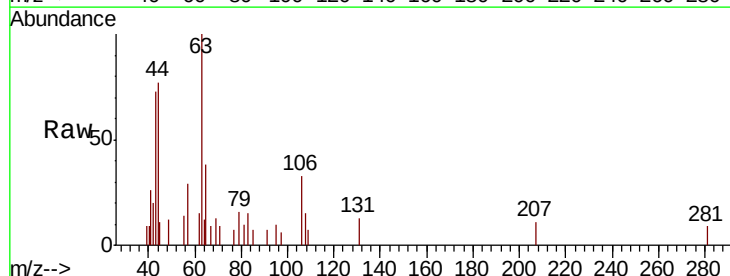
Instrument :
MSVOA_W
ClientSampled :
BS-SOIL-2

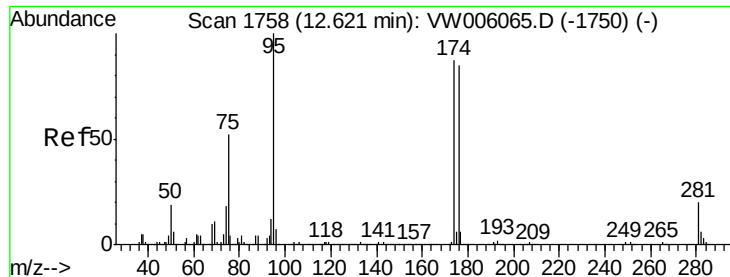
Tot Ion: 98 Resp: 412950
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#58
2-Chloroethyl Vinyl ether
Concen: 1.704 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VW006141.D
Acq: 17 Oct 2018 21:37

Tgt Ion: 63 Resp: 1656
Ion Ratio Lower Upper
63 100
106 29.2 24.5 36.7





#62

4-Bromofluorobenzene

Concen: 44.887 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006141.D

Acq: 17 Oct 2018 21:37

Instrument :

MSVOA_W

ClientSampled :

BS-SOIL-2

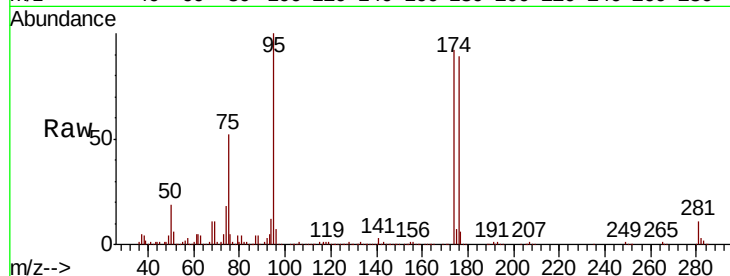
Tot Ion: 95 Resp: 162898

Ion Ratio Lower Upper

95 100

174 93.7 0.0 186.0

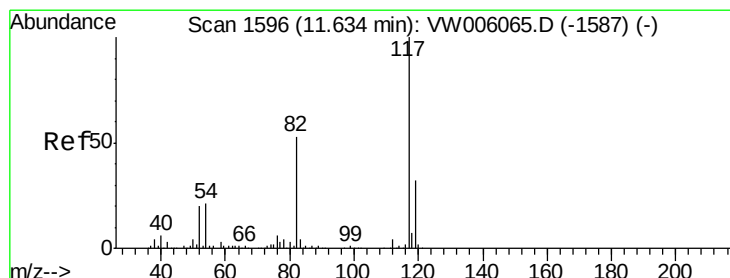
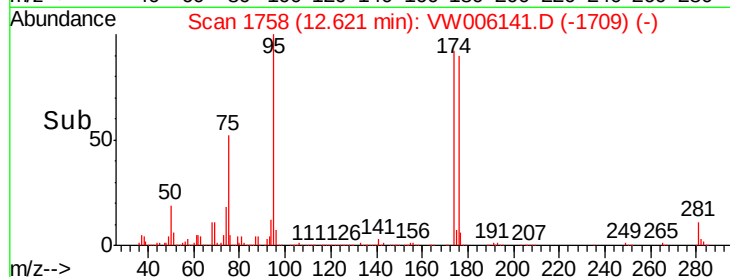
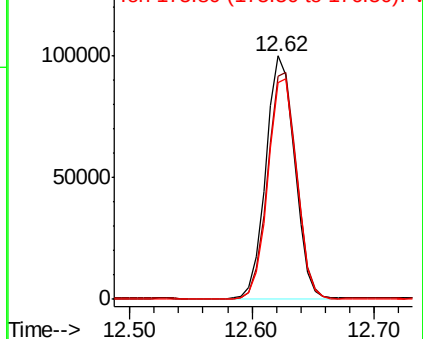
176 90.9 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006141.D

Acq: 17 Oct 2018 21:37

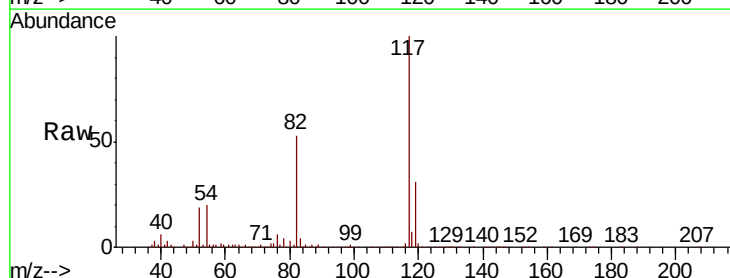
Tgt Ion: 117 Resp: 377991

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

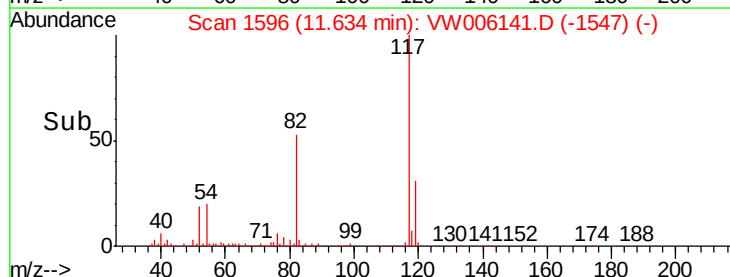
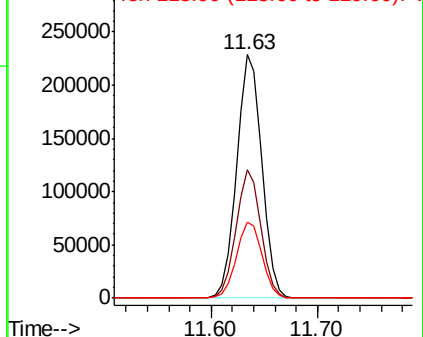
119 31.2 25.8 38.6

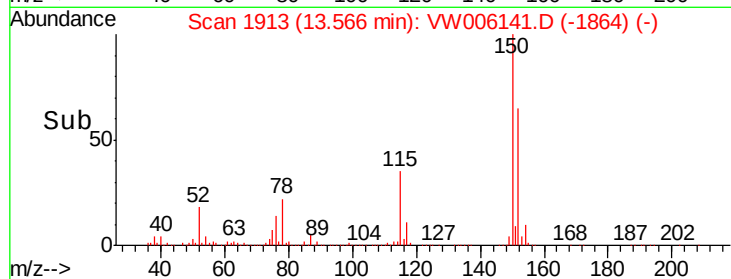
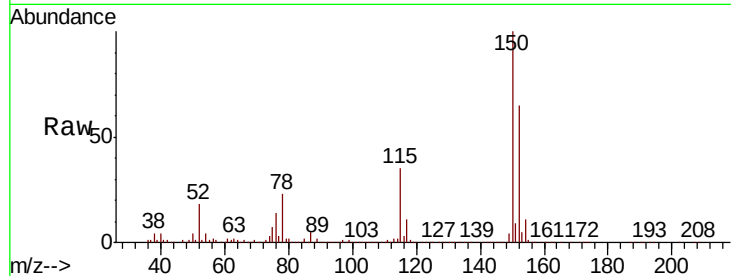
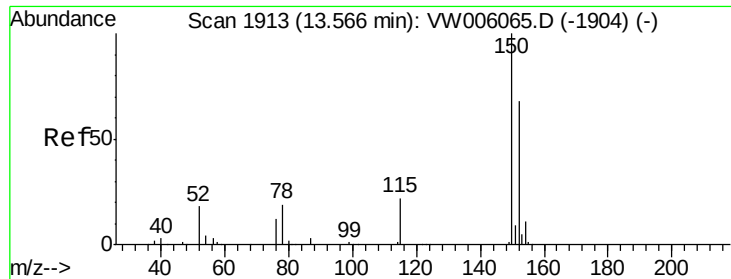


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006141.D

Acq: 17 Oct 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

BS-SOIL-2

Tot Ion:152 Resp: 198082

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.3

150 156.6 0.0 349.2

