

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 02:11:13 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

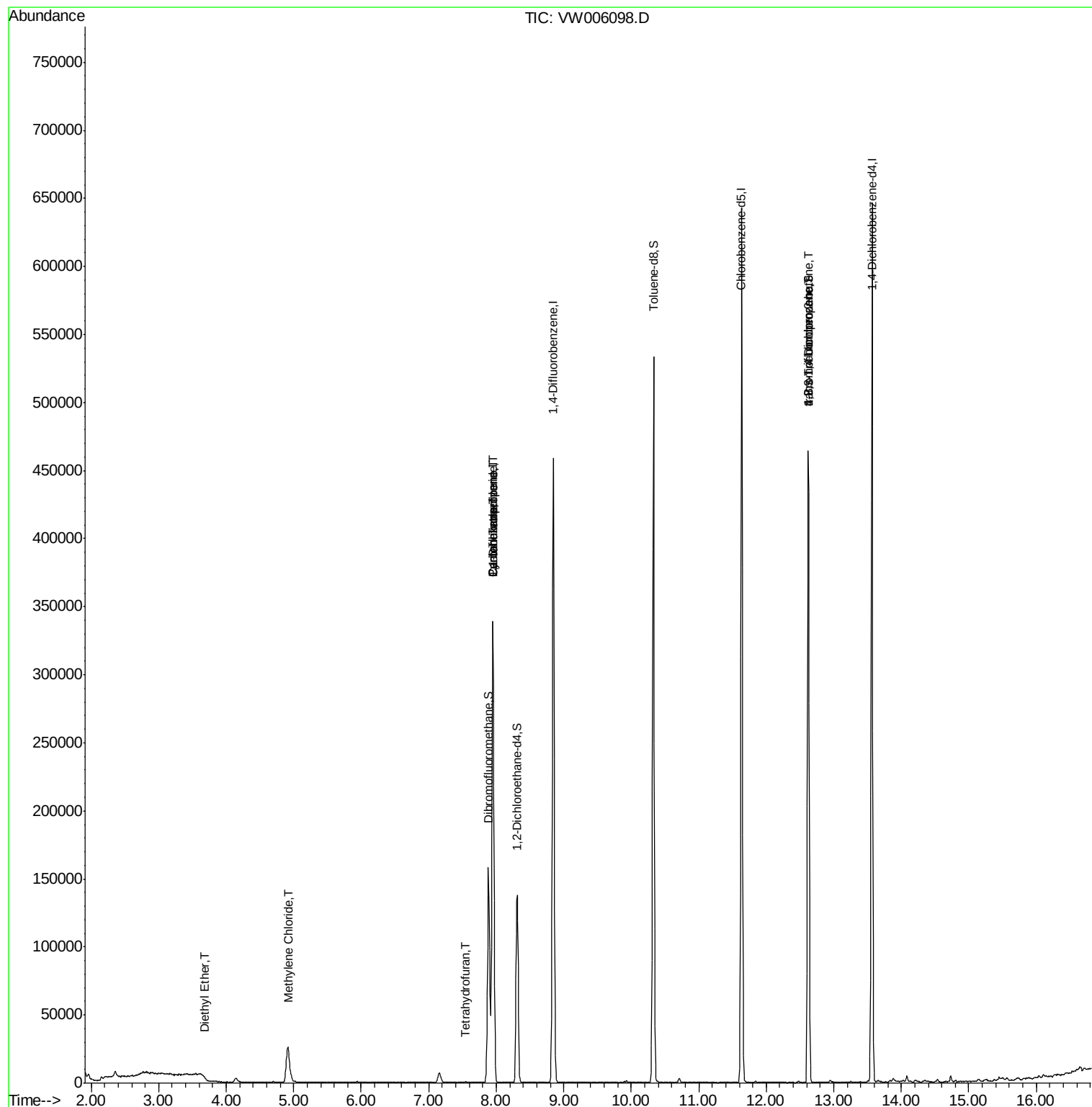
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180414	50.00	ug/l	0.00
System Monitoring Compounds						
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						
8) Diethyl Ether	3.68	74	1309	1.075	ug/l	61
16) Acetone	4.15	43	5977	Below Cal		94
20) Methylene Chloride	4.92	84	23816	8.697	ug/l	98
29) Tetrahydrofuran	7.54	42	457	1.228	ug/l #	72
31) Cyclohexane	7.95	56	4951	1.207	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	18093	4.799	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23799	5.758	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	71969	52.227	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71969	124.843	ug/l #	10

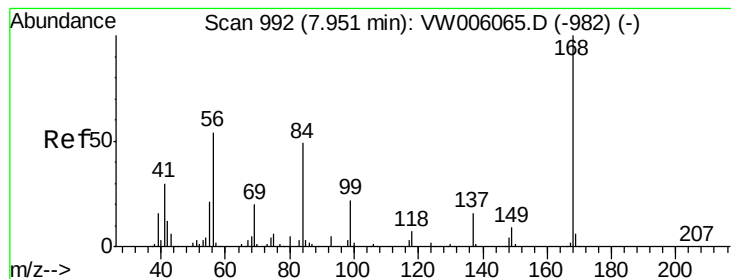
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
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Quant Time: Oct 17 02:11:13 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 :

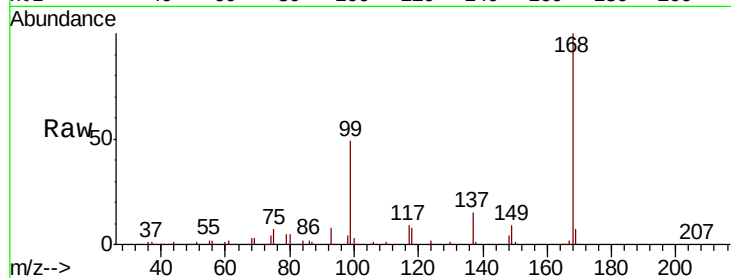
BS-SOIL-1

Tgt 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): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

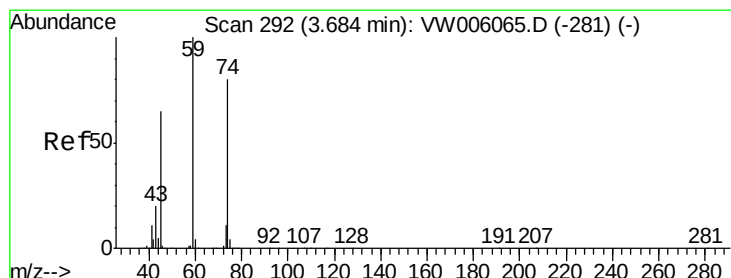
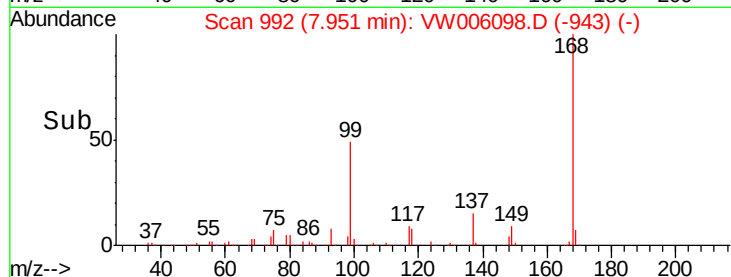
100000

50000

0

Time-->

7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.075 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006098.D

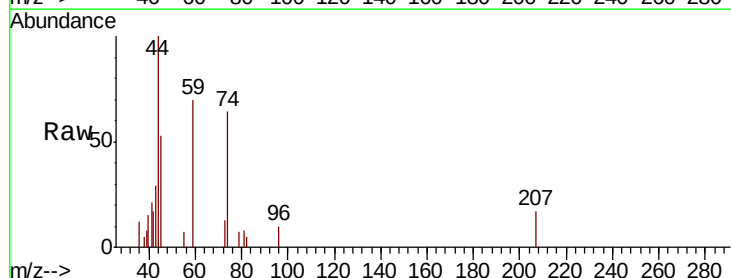
Acq: 17 Oct 2018 01:46

Tgt Ion: 74 Resp: 1309

Ion Ratio Lower Upper

74 100

45 121.6 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

600

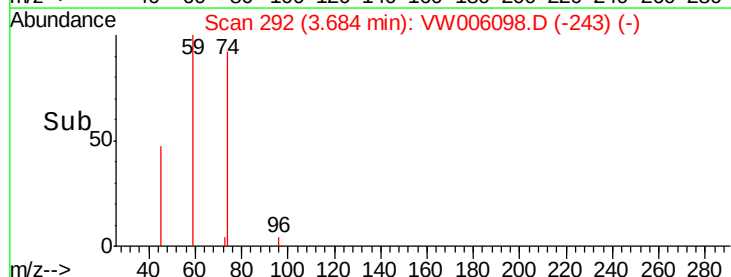
400

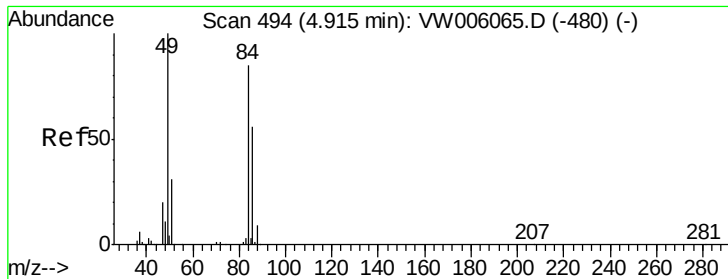
200

0

Time-->

3.60 3.65 3.70 3.75





#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

Instrument :

MSVOA_W

ClientSampleId :

BS-SOIL-1

Tgt Ion: 84 Resp: 23816

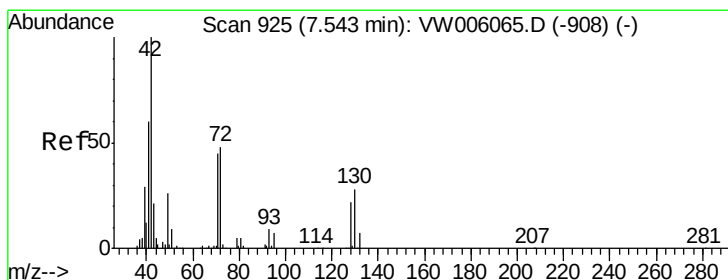
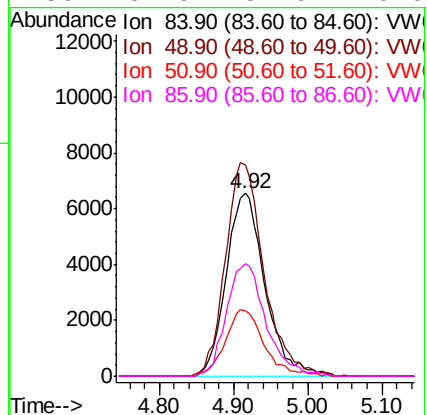
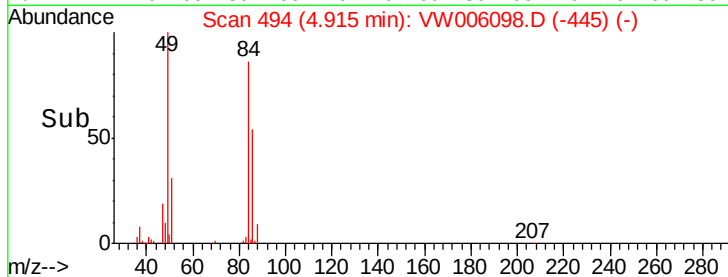
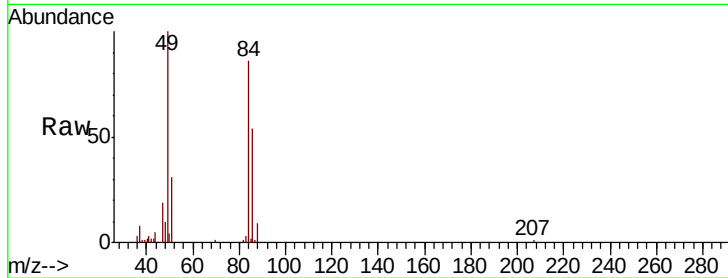
Ion Ratio Lower Upper

84 100

49 115.6 93.6 140.4

51 35.8 29.0 43.4

86 61.9 52.6 79.0



#29

Tetrahydrofuran

Concen: 1.228 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006098.D

Acq: 17 Oct 2018 01:46

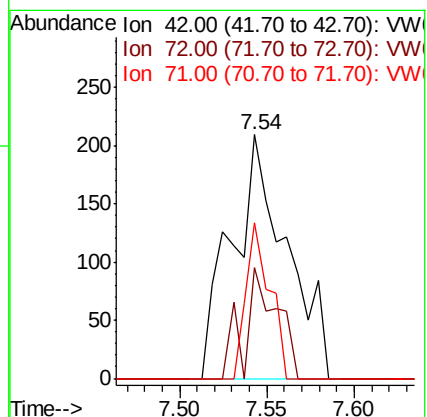
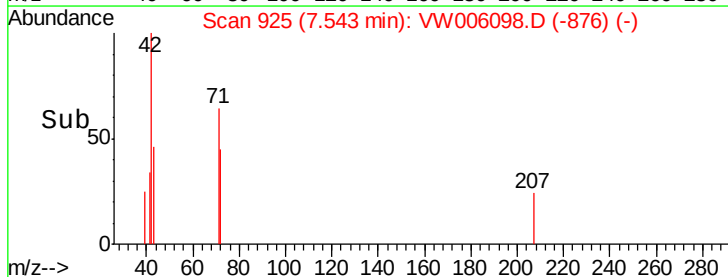
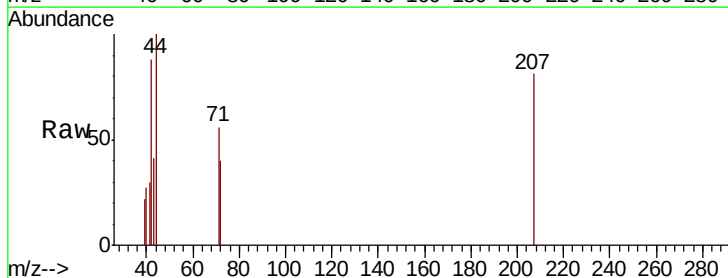
Tgt Ion: 42 Resp: 457

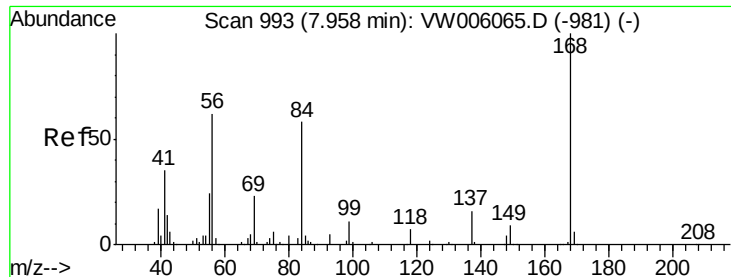
Ion Ratio Lower Upper

42 100

72 26.9 38.0 57.0#

71 27.8 35.3 52.9#

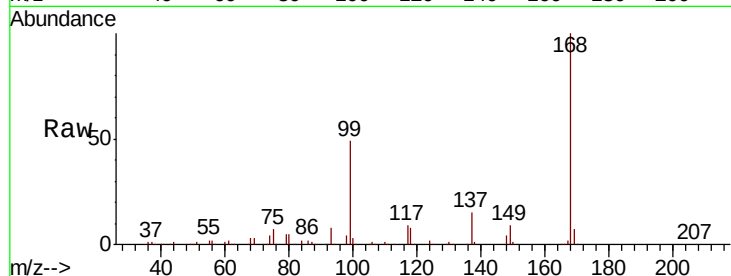




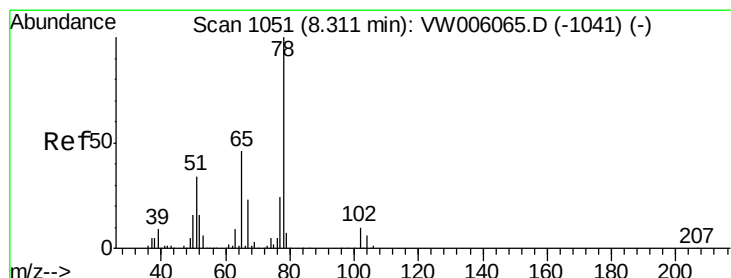
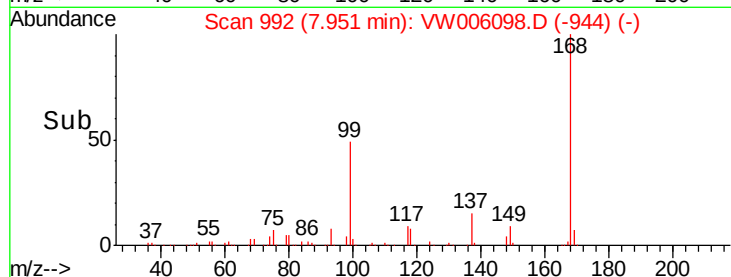
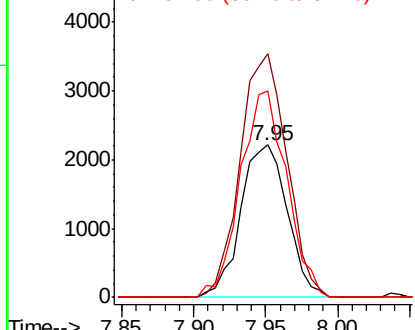
#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006098.D
Acq: 17 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-1

Tgt Ion: 56 Resp: 4951
Ion Ratio Lower Upper
56 100
69 159.9 29.4 44.0#
84 135.5 74.0 111.0#

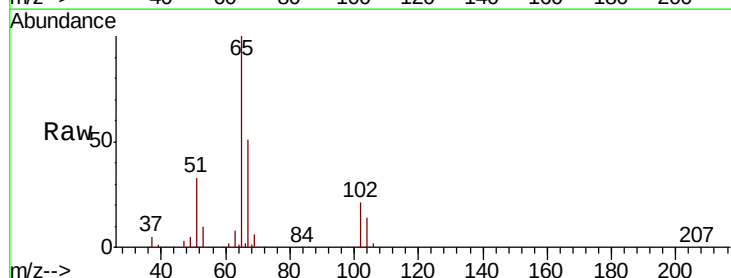


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

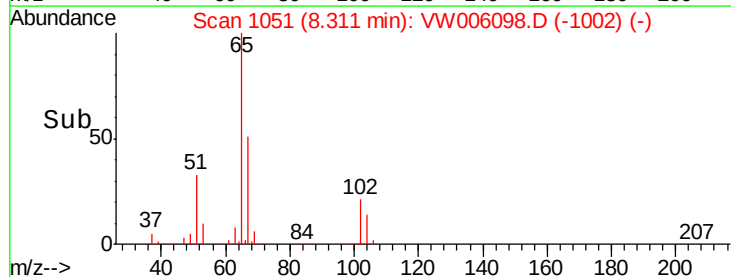
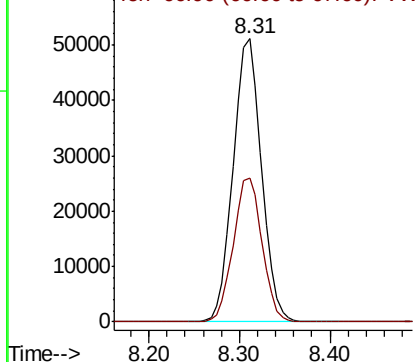


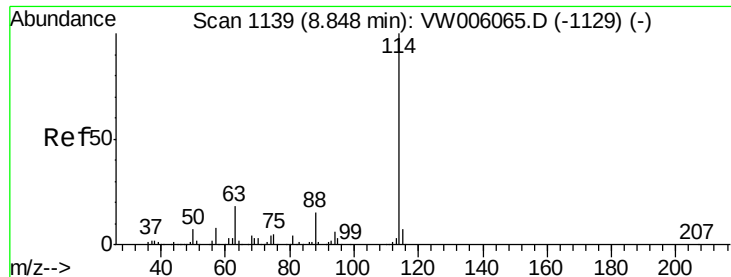
#33
1,2-Dichloroethane-d4
Concen: 49.549 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006098.D
Acq: 17 Oct 2018 01:46

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



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#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

Instrument :

MSVOA_W

ClientSampleId :

BS-SOIL-1

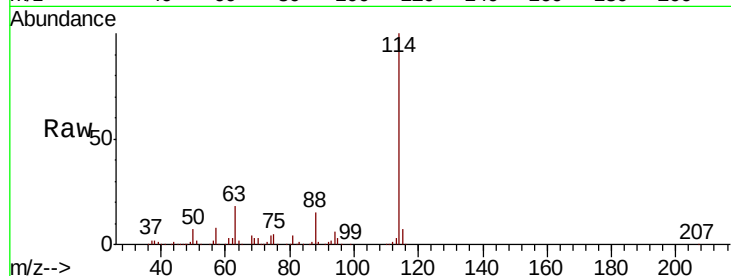
Tgt Ion:114 Resp: 409027

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

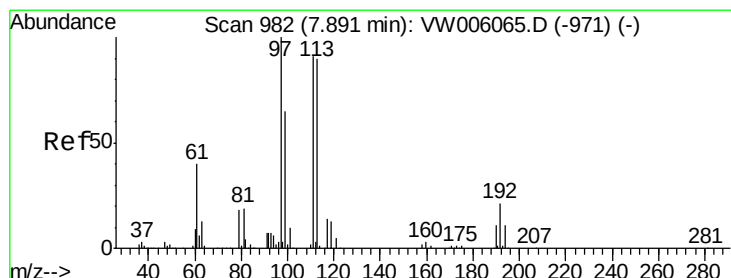
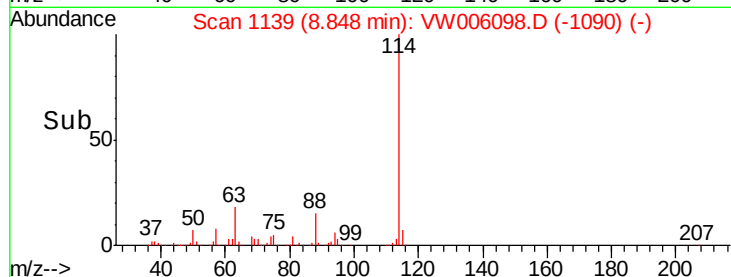
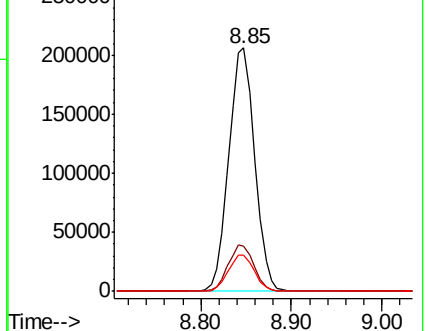
88 15.2 0.0 29.0



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: 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

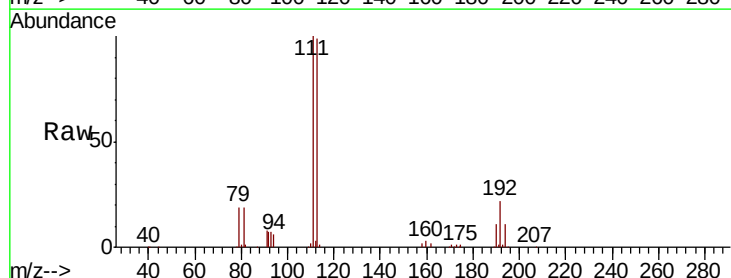
Tgt Ion:113 Resp: 110372

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

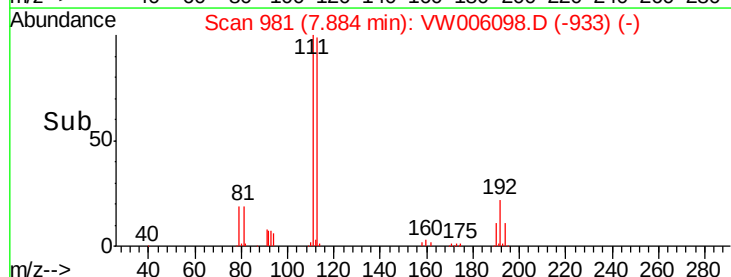
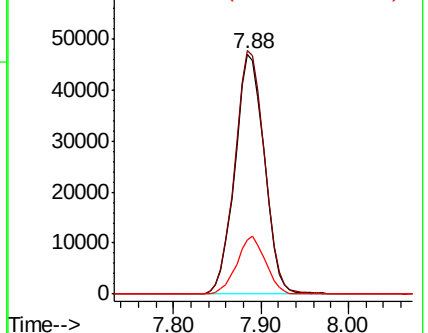
192 23.5 18.7 28.1

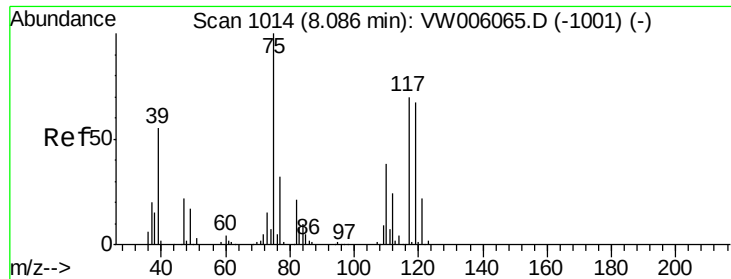


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

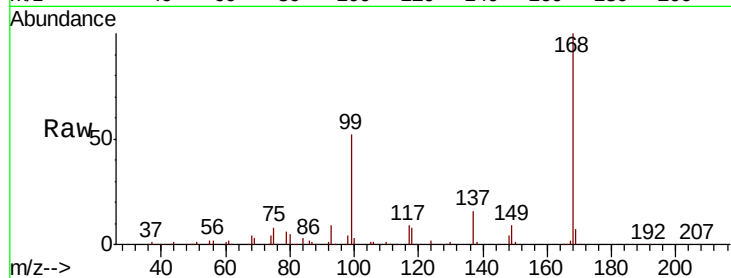




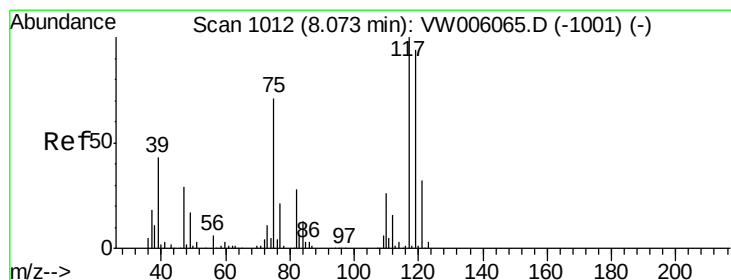
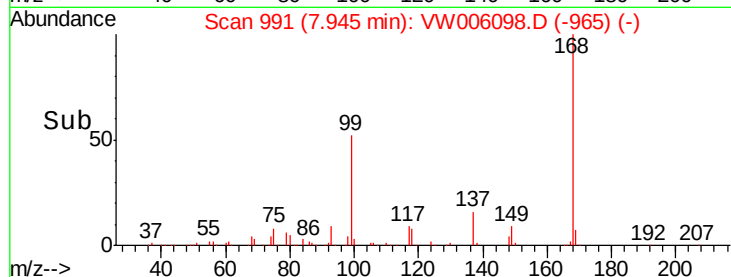
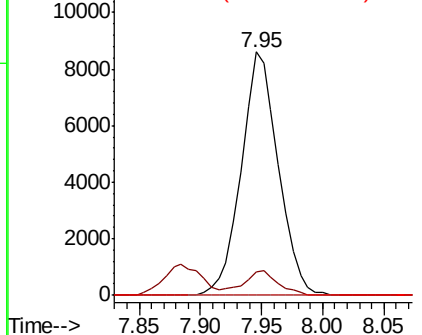
#36
 1,1-Dichloropropene
 Concen: 4.799 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006098.D
 Acq: 17 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-1

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.1	57.1#
77	0.0	25.0	37.4#

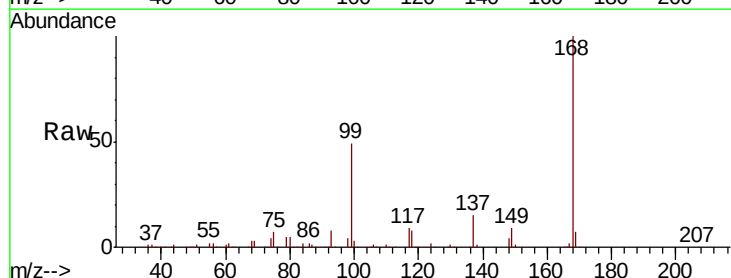


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

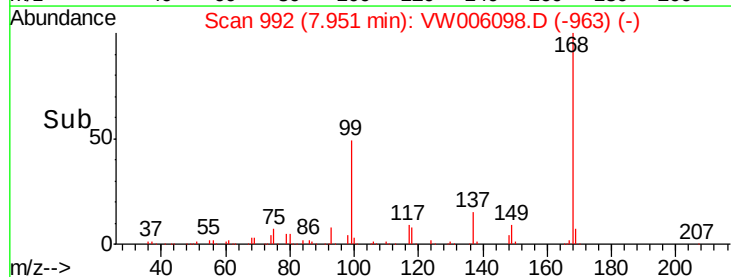
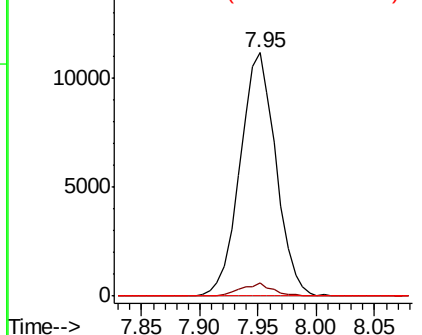


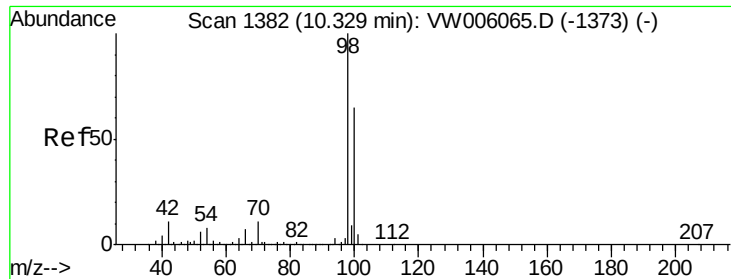
#38
 Carbon Tetrachloride
 Concen: 5.758 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006098.D
 Acq: 17 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.2	112.8#
121	0.0	25.3	37.9#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): 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

Instrument :

MSVOA_W

ClientSampleId :

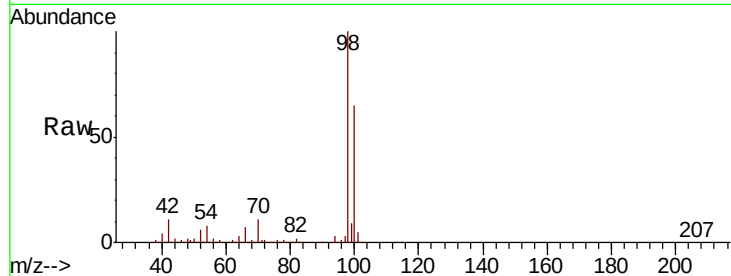
BS-SOIL-1

Tgt Ion: 98 Resp: 371404

Ion Ratio Lower Upper

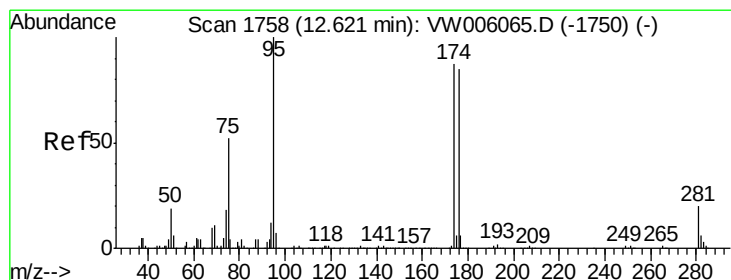
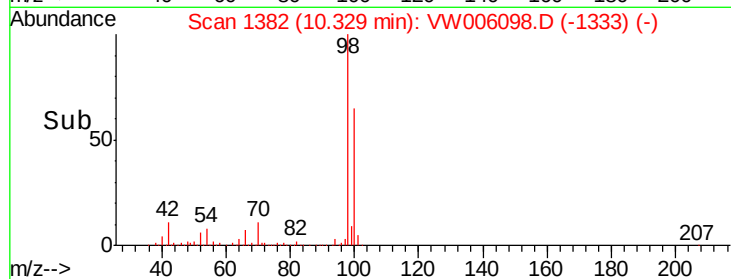
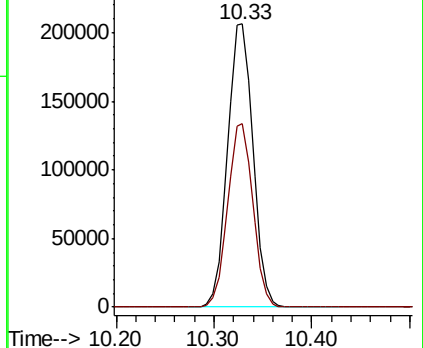
98 100

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

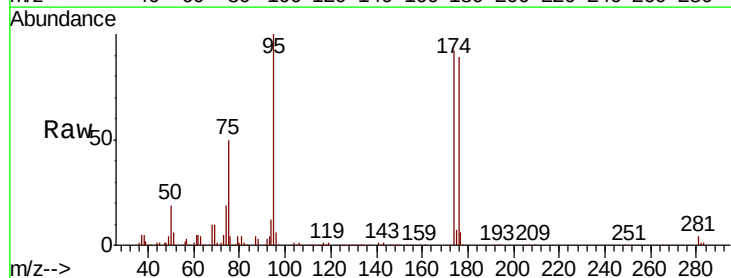
Tgt Ion: 95 Resp: 142228

Ion Ratio Lower Upper

95 100

174 94.8 0.0 186.0

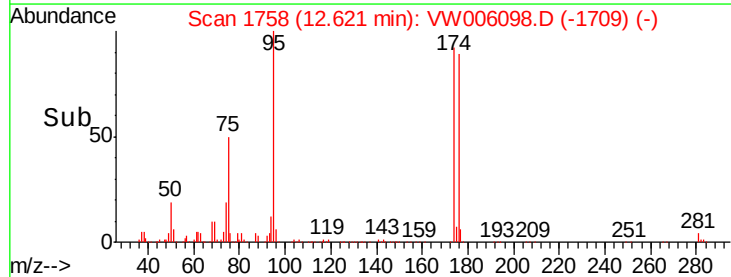
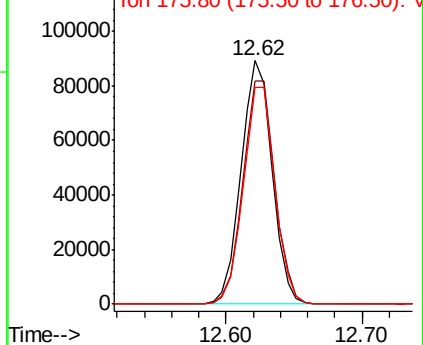
176 90.7 0.0 181.6

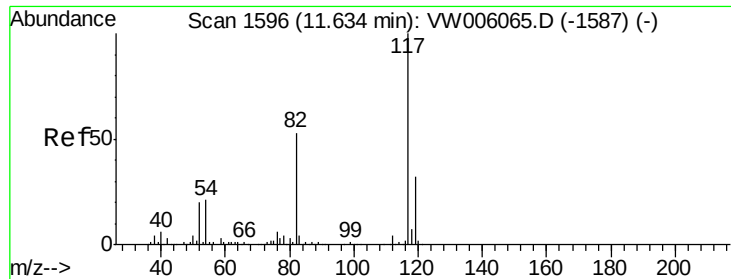


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

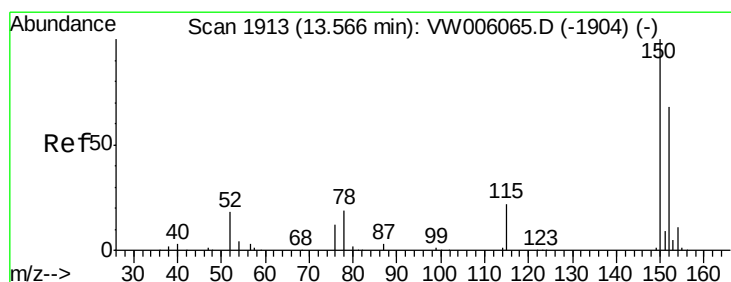
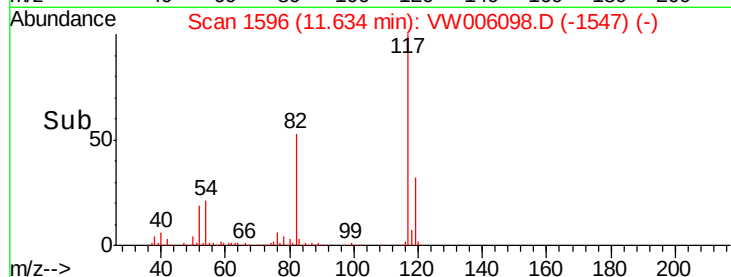
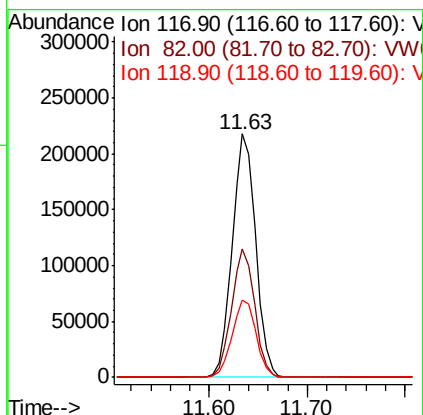
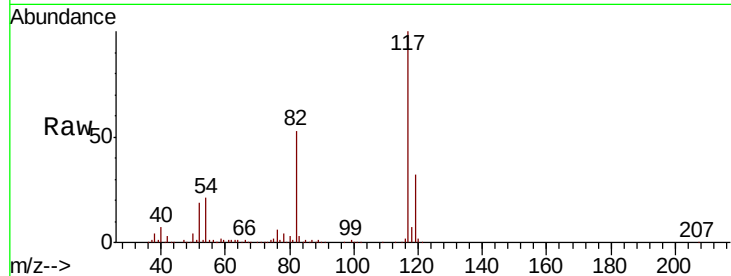




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006098.D
Acq: 17 Oct 2018 01:46

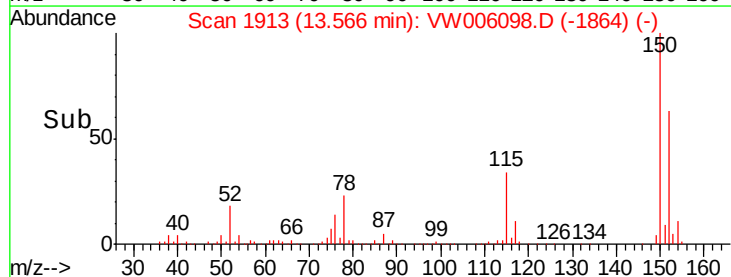
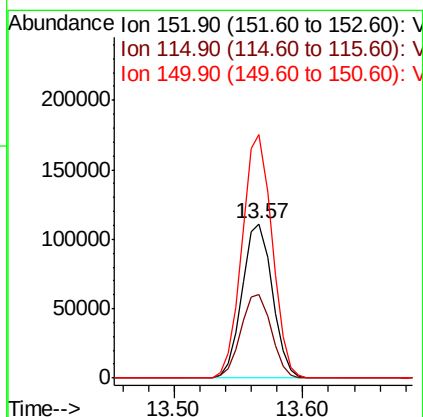
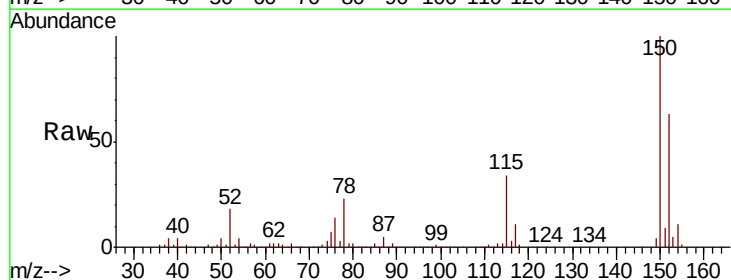
Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-1

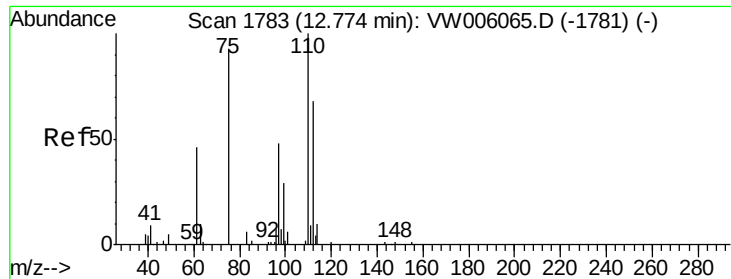
Tgt Ion:117 Resp: 361450
Ion Ratio Lower Upper
117 100
82 52.7 42.1 63.1
119 32.0 25.8 38.6



#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

Tgt Ion:152 Resp: 180414
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.3
150 156.2 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 52.227 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006098.D

Acq: 17 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

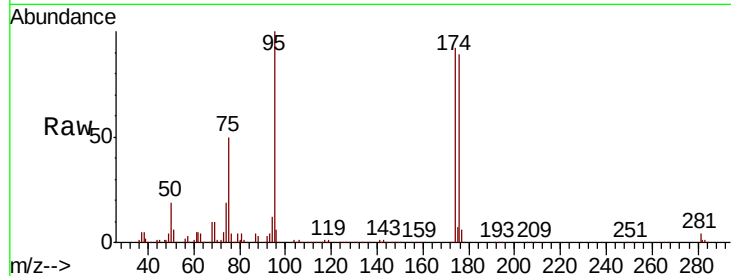
BS-SOIL-1

Tgt Ion: 75 Resp: 71969

Ion Ratio Lower Upper

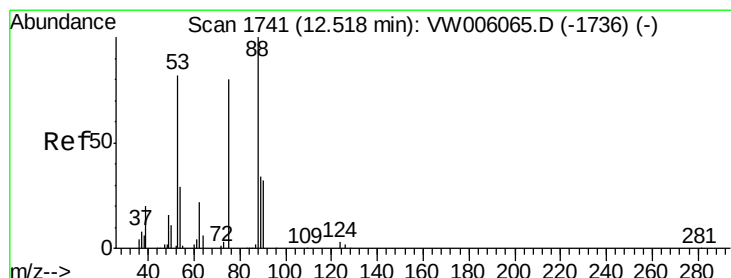
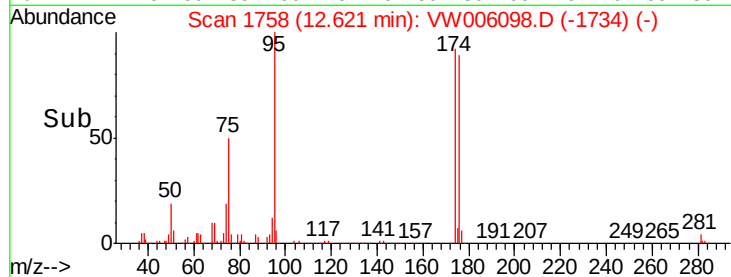
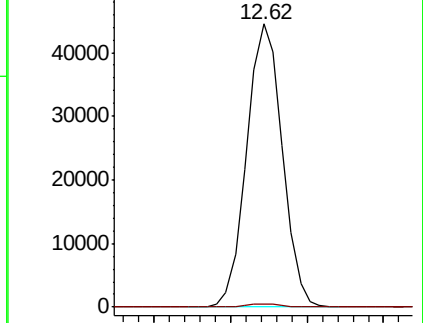
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 124.843 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006098.D

Acq: 17 Oct 2018 01:46

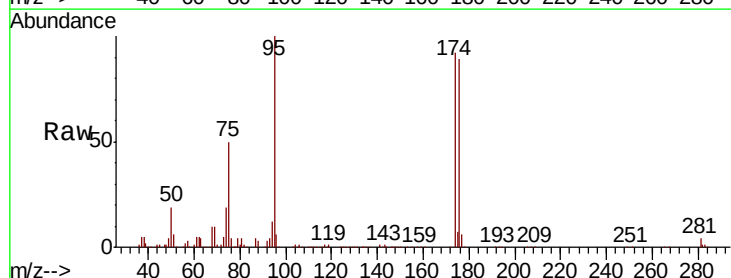
Tgt Ion: 75 Resp: 71969

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

