

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006099.D
 Acq On : 17 Oct 2018 02:12
 Operator : VA/AP
 Sample : J5524-05
 Misc : 5.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-2

Quant Time: Oct 17 07:20:40 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

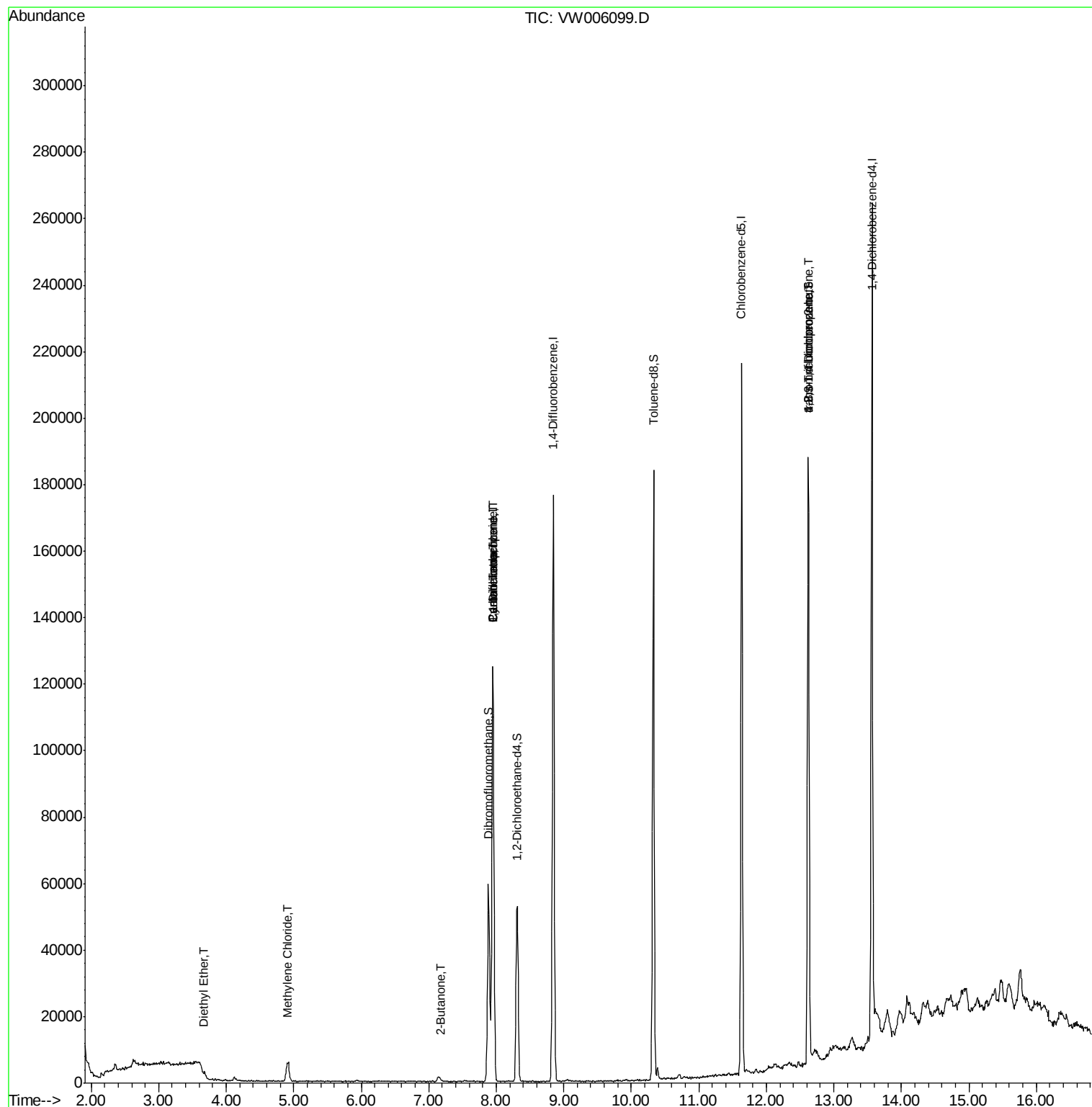
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	155169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	68310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	42246	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	7.88	113	41379	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
50) Toluene-d8	10.33	98	126329	36.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.44%	
62) 4-Bromofluorobenzene	12.62	95	53896	41.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.28%	
Target Compounds						
8) Diethyl Ether	3.68	74	832	1.788	ug/l	58
16) Acetone	4.12	43	1897	Below Cal		91
20) Methylene Chloride	4.90	84	4768	3.754	ug/l #	78
25) 2-Butanone	7.18	43	277	1.197	ug/l #	46
31) Cyclohexane	7.95	56	2014	1.285	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	6695	4.681	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9072	5.786	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	28169	53.989	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	28169	129.055	ug/l #	10

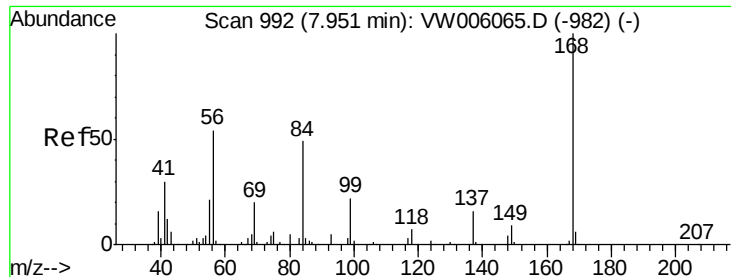
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
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Quant 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: VW006099.D

Acq: 17 Oct 2018 02:12

Instrument :

MSVOA_W

ClientSampled :

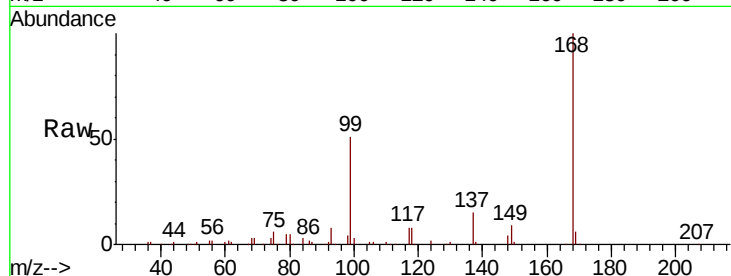
BS-SOIL-2

Tgt Ion:168 Resp: 103341

Ion Ratio Lower Upper

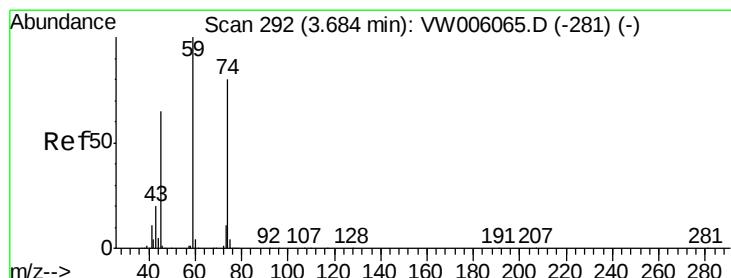
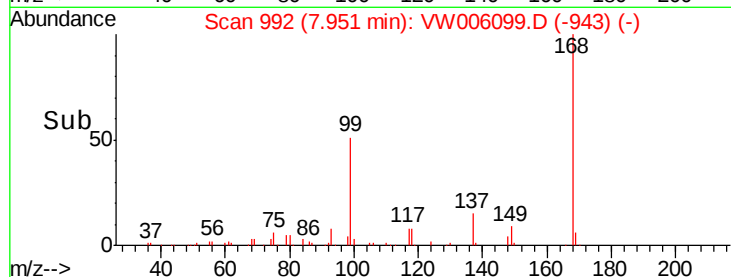
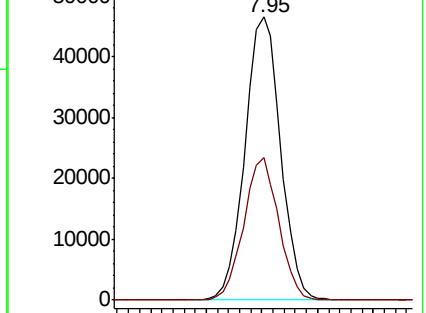
168 100

99 50.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.788 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006099.D

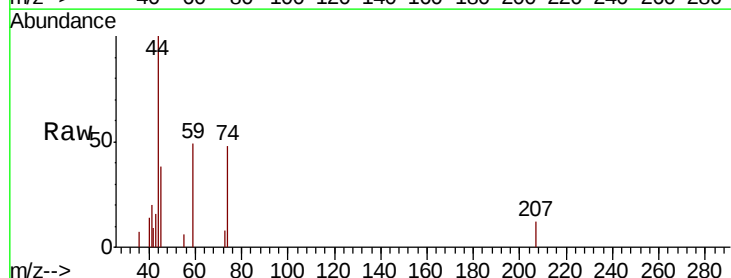
Acq: 17 Oct 2018 02:12

Tgt Ion: 74 Resp: 832

Ion Ratio Lower Upper

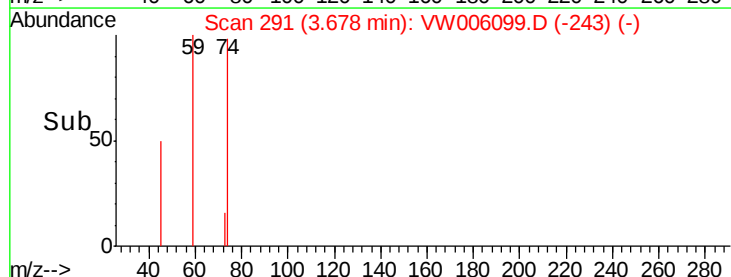
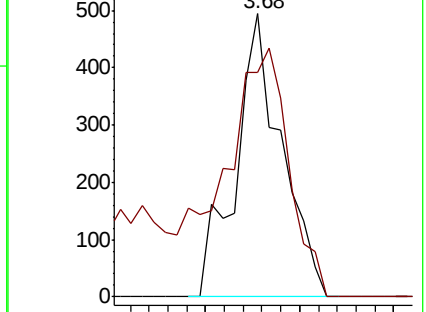
74 100

45 124.0 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006099.D

Acq: 17 Oct 2018 02:12

Instrument :

MSVOA_W

ClientSampleId :

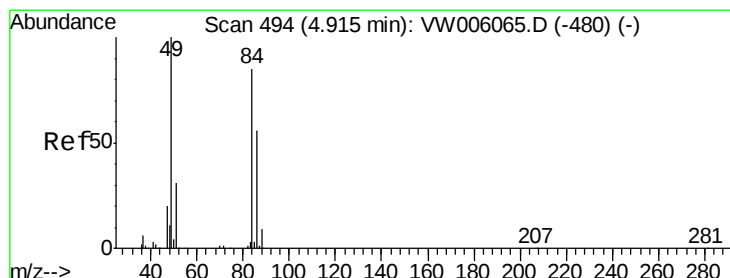
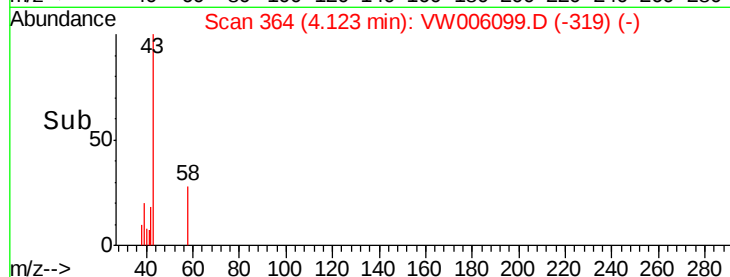
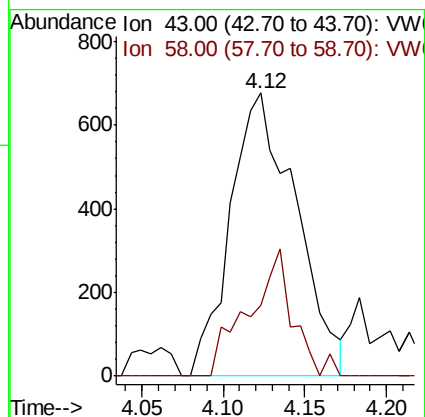
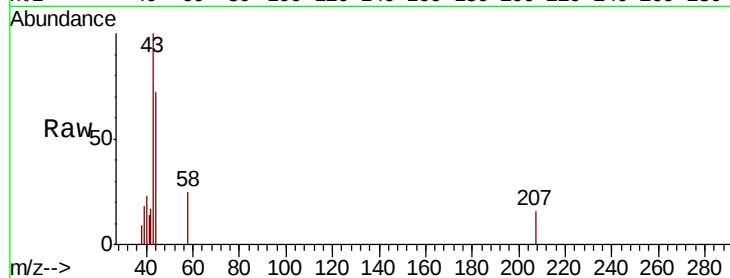
BS-SOIL-2

Tgt Ion: 43 Resp: 1897

Ion Ratio Lower Upper

43 100

58 25.1 24.0 36.0



#20

Methylene Chloride

Concen: 3.754 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW006099.D

Acq: 17 Oct 2018 02:12

Tgt Ion: 84 Resp: 4768

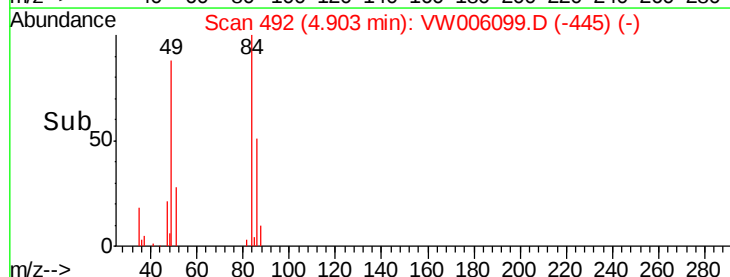
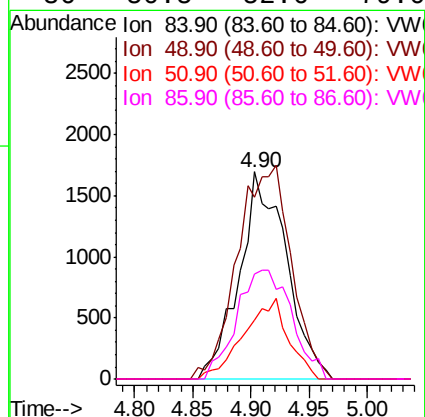
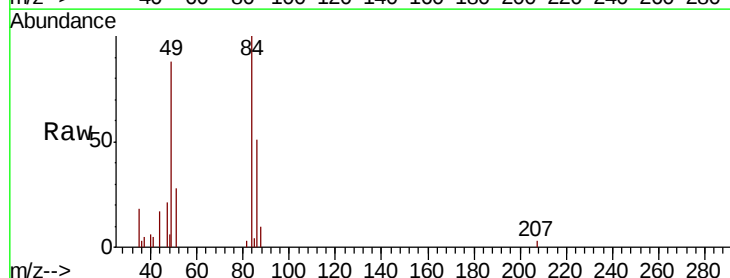
Ion Ratio Lower Upper

84 100

49 87.7 93.6 140.4#

51 28.4 29.0 43.4#

86 50.5 52.6 79.0#





#25

2-Butanone

Concen: 1.197 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006099.D

Acq: 17 Oct 2018 02:12

Instrument :

MSVOA_W

ClientSampled :

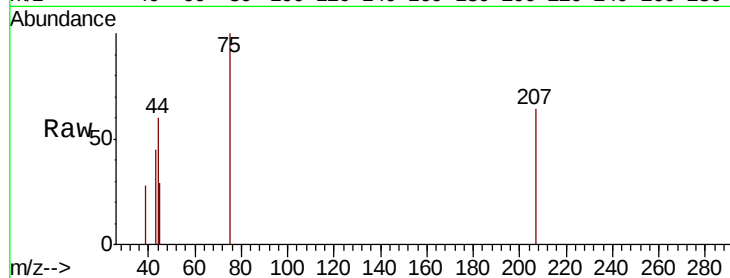
BS-SOIL-2

Tgt Ion: 43 Resp: 277

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

150

100

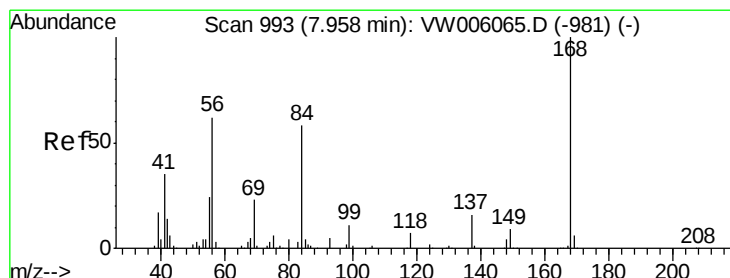
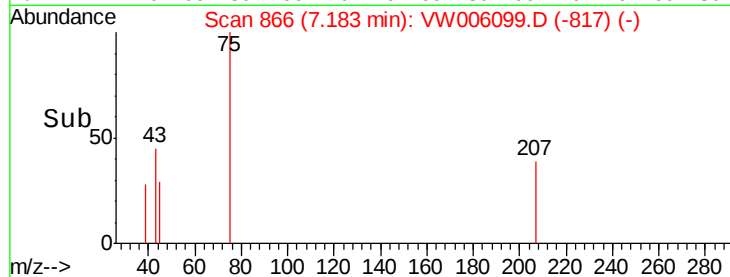
50

0

Time--> 7.15

7.20

7.25



#31

Cyclohexane

Concen: 1.285 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006099.D

Acq: 17 Oct 2018 02:12

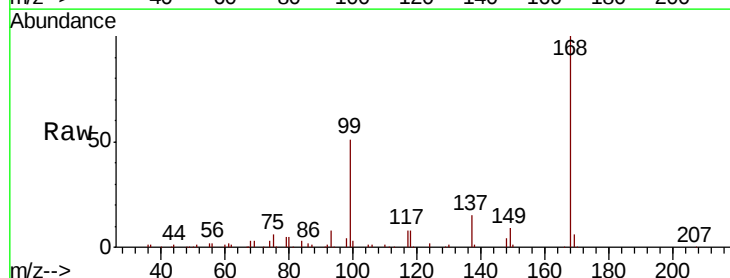
Tgt Ion: 56 Resp: 2014

Ion Ratio Lower Upper

56 100

69 161.0 29.4 44.0#

84 140.5 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

2000

1500

1000

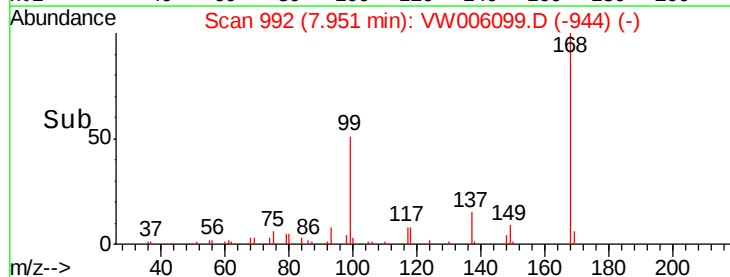
500

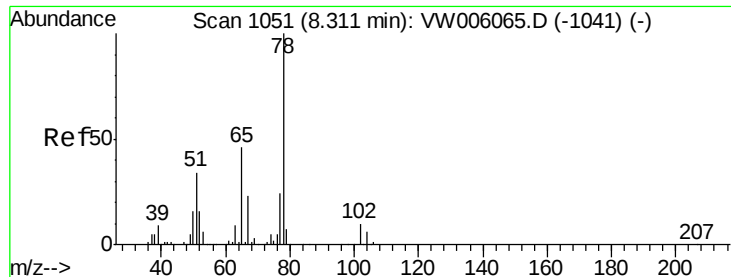
0

Time--> 7.90

7.95

8.00

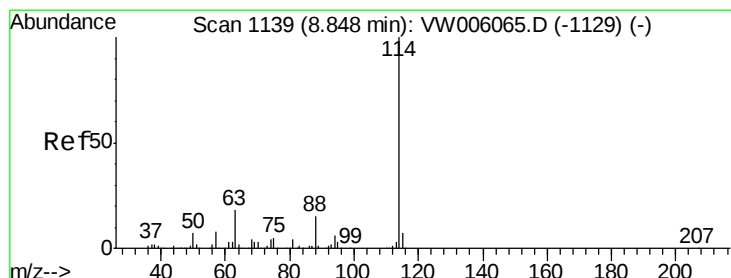
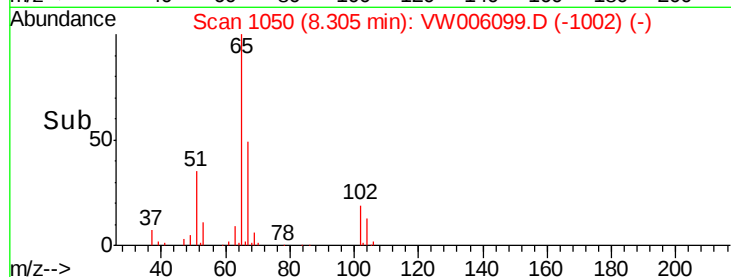
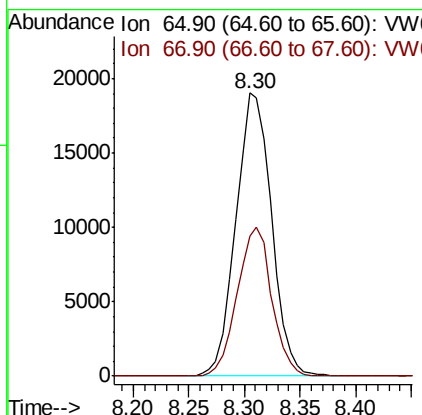
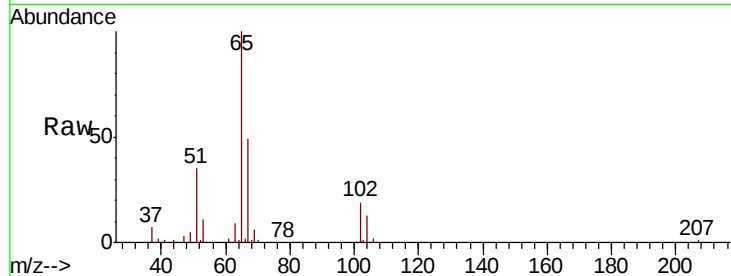




#33
 1,2-Dichloroethane-d4
 Concen: 49.309 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006099.D
 Acq: 17 Oct 2018 02:12

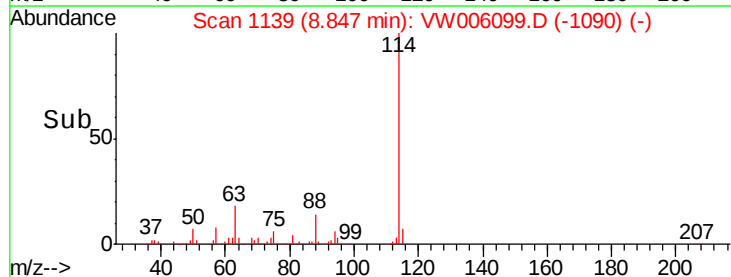
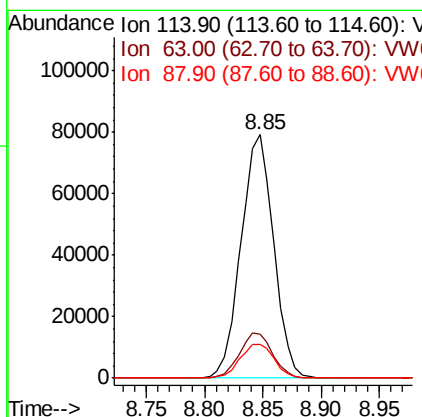
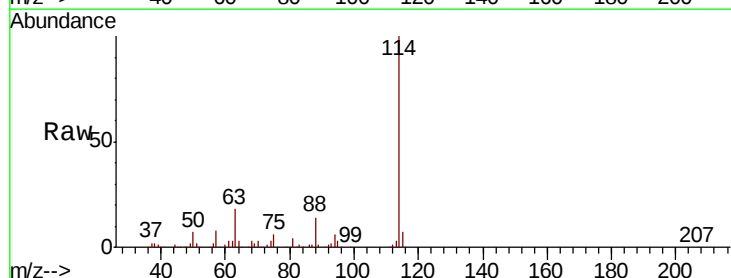
Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-2

Tgt Ion: 65 Resp: 42246
 Ion Ratio Lower Upper
 65 100
 67 51.0 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: VW006099.D
 Acq: 17 Oct 2018 02:12

Tgt Ion: 114 Resp: 155169
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 13.9 0.0 29.0

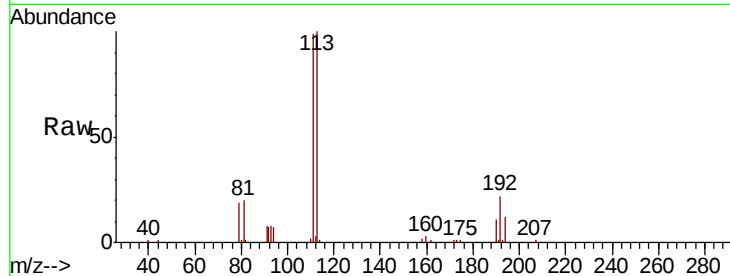




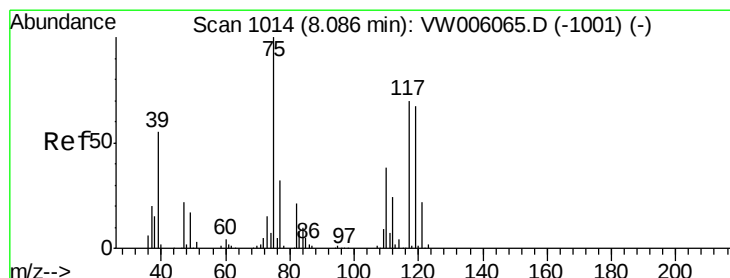
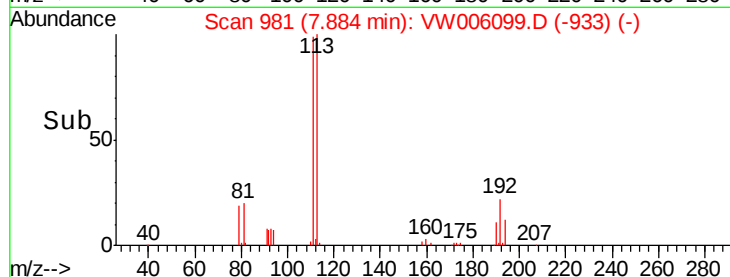
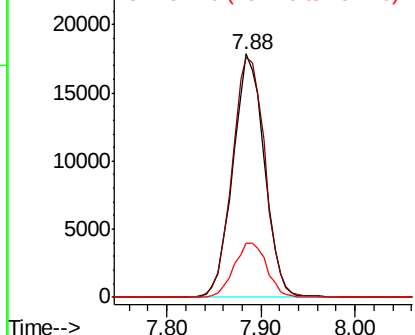
#35
 Dibromofluoromethane
 Concen: 45.130 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006099.D
 Acq: 17 Oct 2018 02:12

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-2

Tgt Ion: 113 Resp: 41379
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 23.3 18.7 28.1

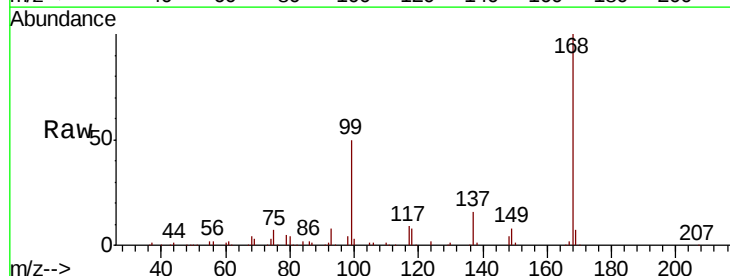


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

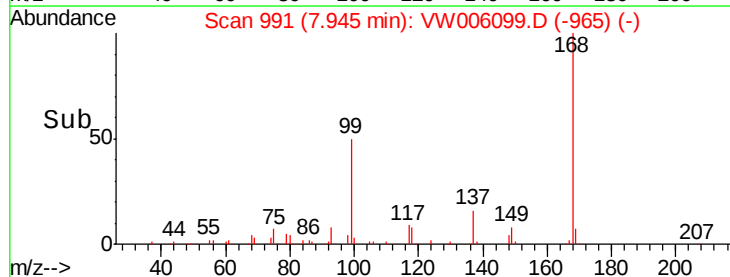
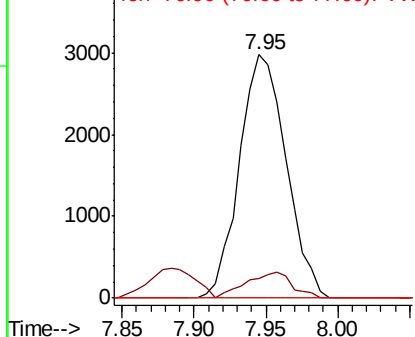


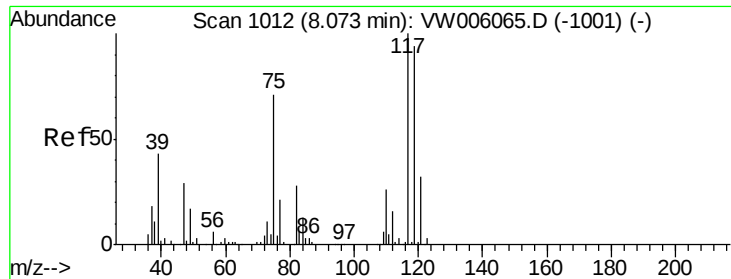
#36
 1,1-Dichloropropene
 Concen: 4.681 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006099.D
 Acq: 17 Oct 2018 02:12

Tgt Ion: 75 Resp: 6695
 Ion Ratio Lower Upper
 75 100
 110 10.7 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

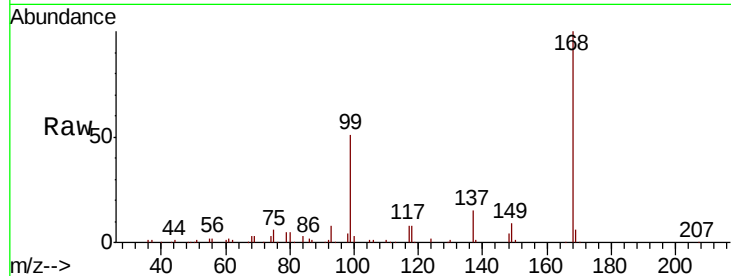




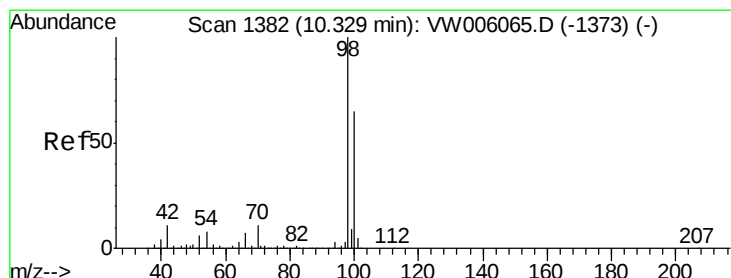
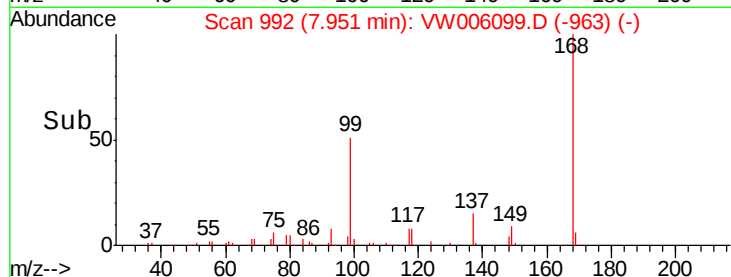
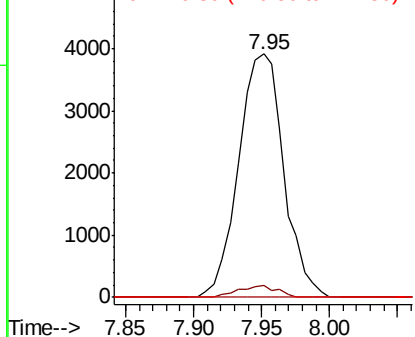
#38
Carbon Tetrachloride
Concen: 5.786 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006099.D
Acq: 17 Oct 2018 02:12

Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-2

Tgt Ion:117 Resp: 9072
Ion Ratio Lower Upper
117 100
119 5.1 75.2 112.8#
121 0.0 25.3 37.9#

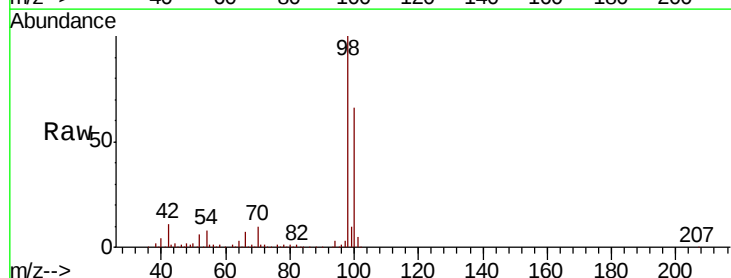


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

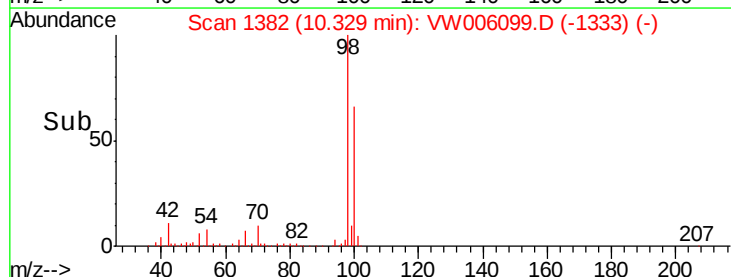
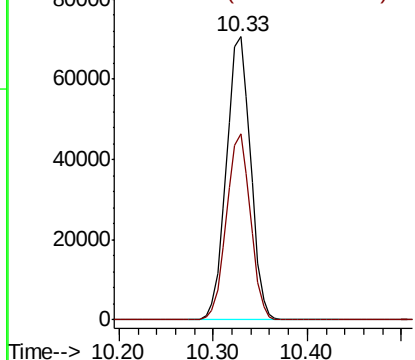


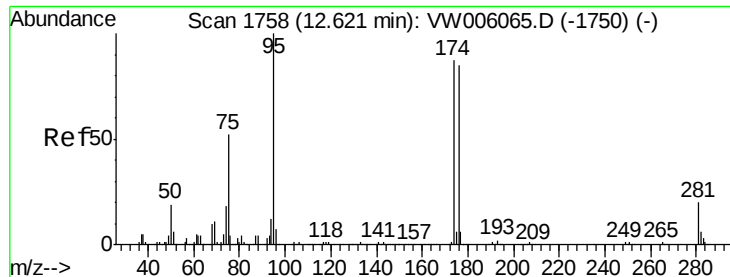
#50
Toluene-d8
Concen: 36.215 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006099.D
Acq: 17 Oct 2018 02:12

Tgt Ion: 98 Resp: 126329
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

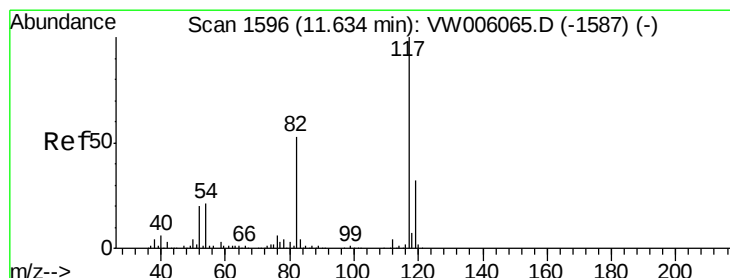
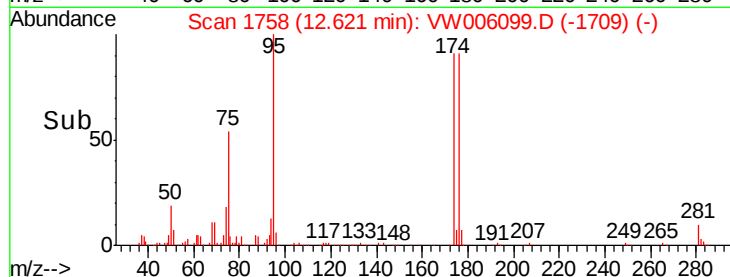
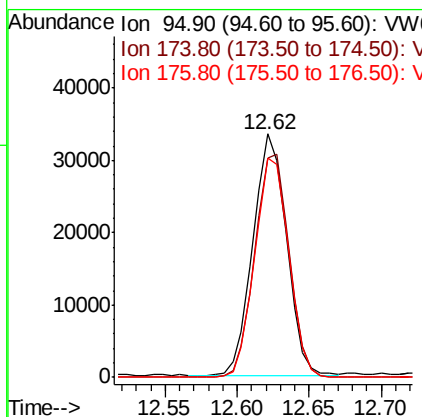
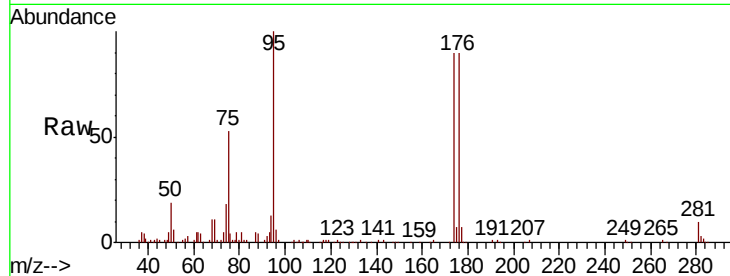




#62
4-Bromofluorobenzene
Concen: 41.137 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006099.D
Acq: 17 Oct 2018 02:12

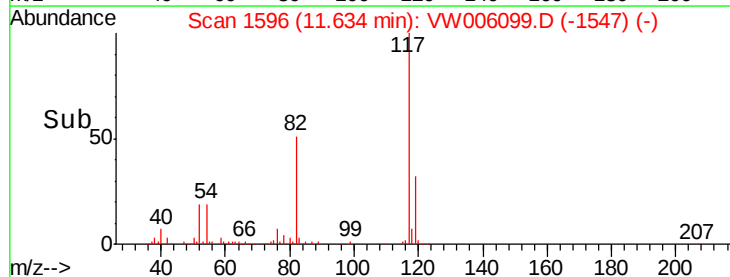
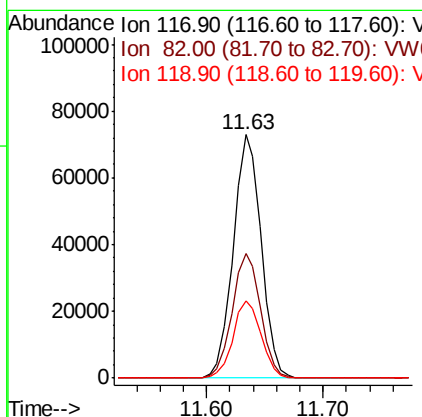
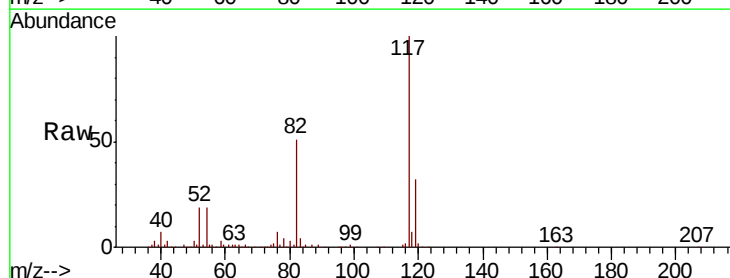
Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-2

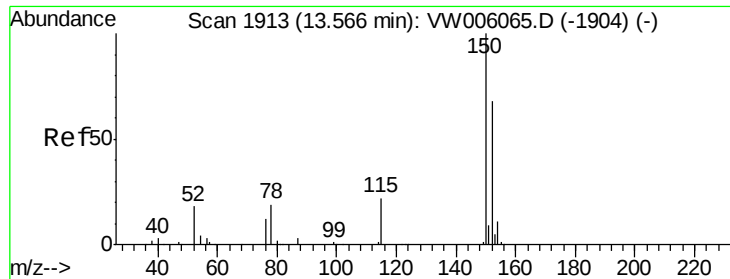
Tgt Ion: 95 Resp: 53896
Ion Ratio Lower Upper
95 100
174 94.3 0.0 186.0
176 91.6 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006099.D
Acq: 17 Oct 2018 02:12

Tgt Ion: 117 Resp: 121958
Ion Ratio Lower Upper
117 100
82 51.1 42.1 63.1
119 31.9 25.8 38.6



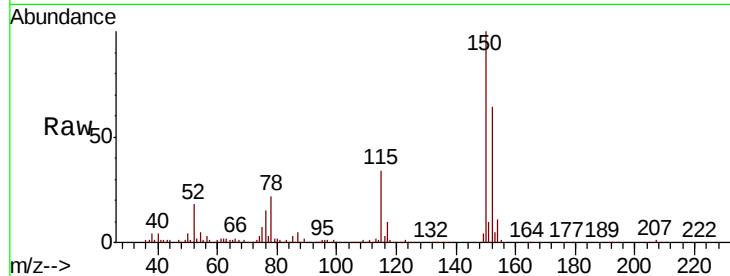


#72

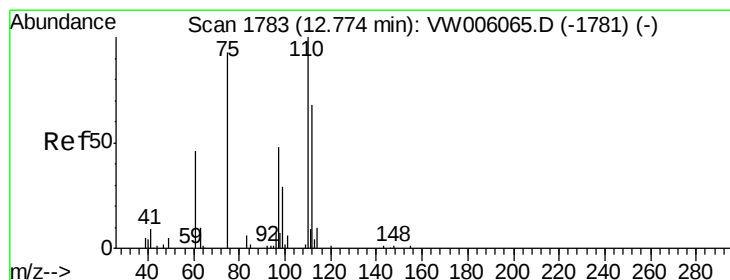
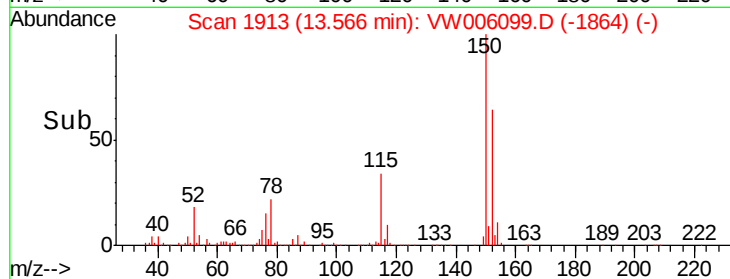
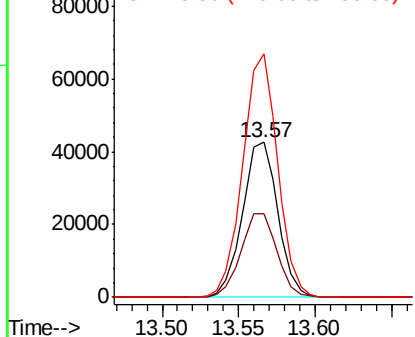
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006099.D
Acq: 17 Oct 2018 02:12

Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-2

Tgt Ion:152 Resp: 68310
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 154.9 0.0 349.2



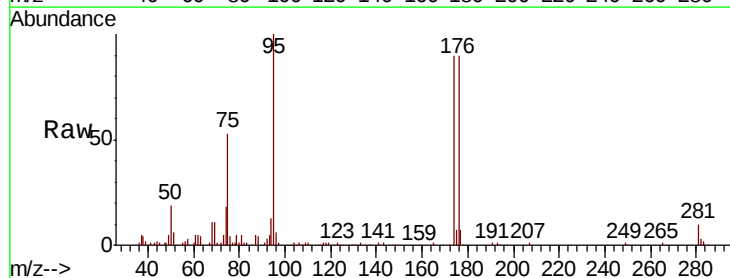
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



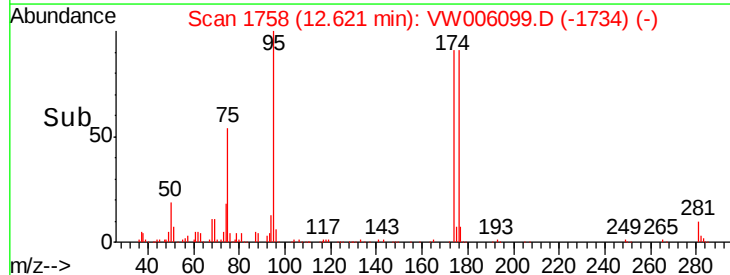
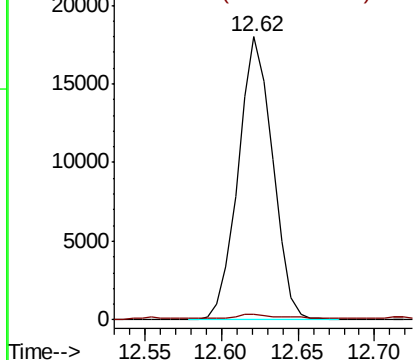
#76

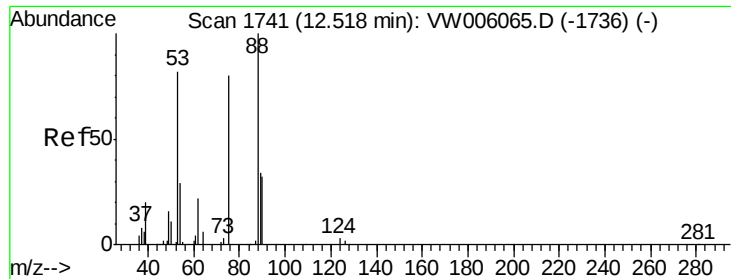
1,2,3-Trichloropropane
Concen: 53.989 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006099.D
Acq: 17 Oct 2018 02:12

Tgt Ion: 75 Resp: 28169
Ion Ratio Lower Upper
75 100
77 1.8 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: 129.055 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006099.D

Acq: 17 Oct 2018 02:12

Instrument :

MSVOA_W

ClientSampleId :

BS-SOIL-2

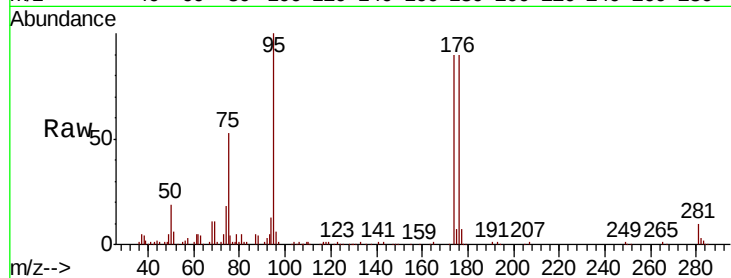
Tgt Ion: 75 Resp: 28169

Ion Ratio Lower Upper

75 100

53 0.3 79.8 119.6#

89 0.1 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

