

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006484.D
 Acq On : 30 Oct 2018 06:10
 Operator : SY/AP
 Sample : J5639-05RE
 Misc : 6.83G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-2

Quant Time: Oct 30 07:39:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102975	58.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.88%	
35) Dibromofluoromethane	7.89	113	95446	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.33	98	371764	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.62	95	123215	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	

Target Compounds

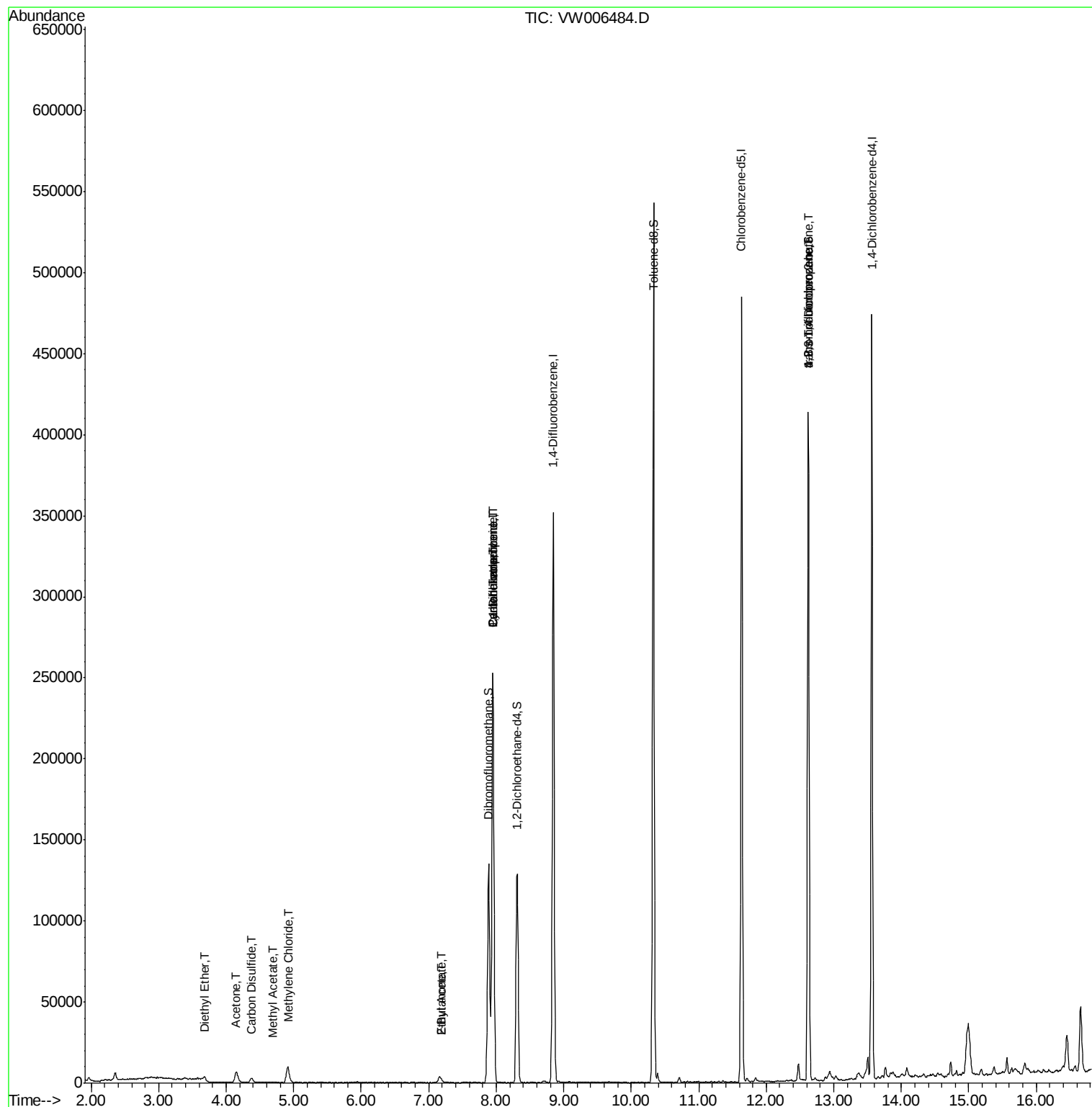
					Qvalue	
8) Diethyl Ether	3.68	74	2007	2.115	ug/l	87
16) Acetone	4.15	43	13476	27.967	ug/l	99
17) Carbon Disulfide	4.37	76	6381	1.201	ug/l #	92
18) Methyl Acetate	4.69	43	899	1.023	ug/l #	55
20) Methylene Chloride	4.91	84	8477	3.058	ug/l	91
25) 2-Butanone	7.20	43	1861	3.943	ug/l	91
31) Cyclohexane	7.95	56	3583	1.121	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	13480	4.586	ug/l #	48
37) Ethyl Acetate	7.20	43	1861	1.704	ug/l #	67
38) Carbon Tetrachloride	7.95	117	18452	5.726	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	61611	60.189	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61611	143.875	ug/l #	10

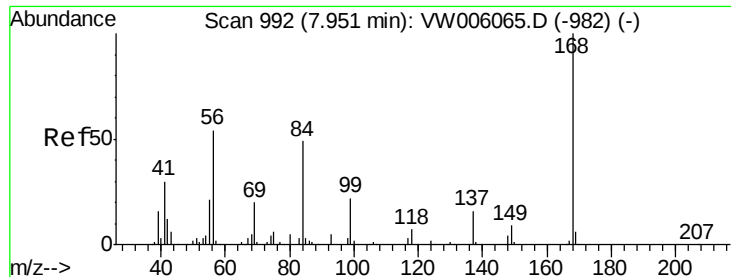
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
Data File : VW006484.D
Acq On : 30 Oct 2018 06:10
Operator : SY/AP
Sample : J5639-05RE
Misc : 6.83G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-2

Quant Time: Oct 30 07:39:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006484.D

Acq: 30 Oct 2018 06:10

Instrument :

MSVOA_W

ClientSampleId :

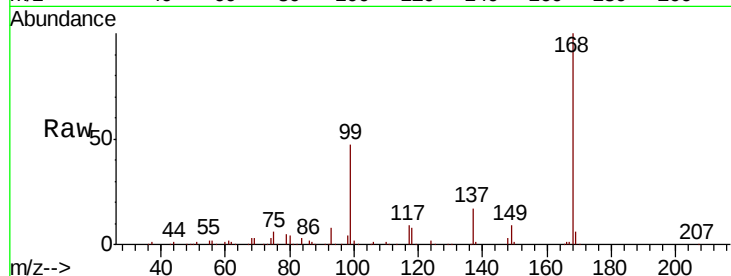
BS-SOIL-2

Tot Ion:168 Resp: 210731

Ion Ratio Lower Upper

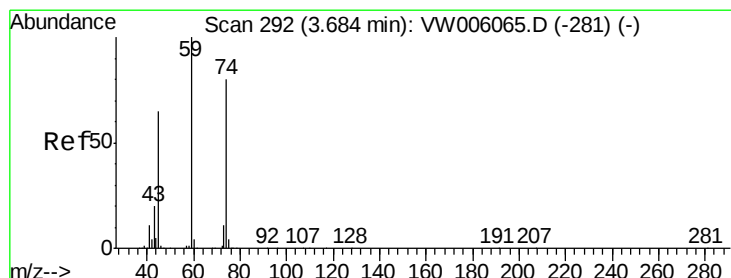
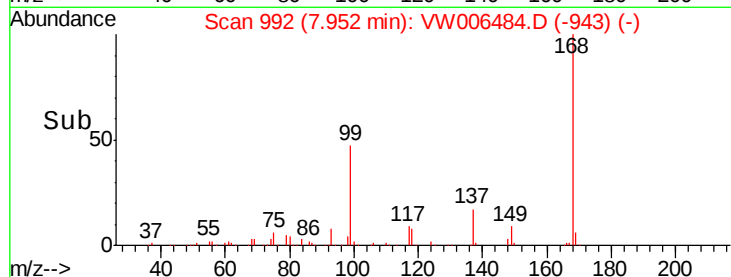
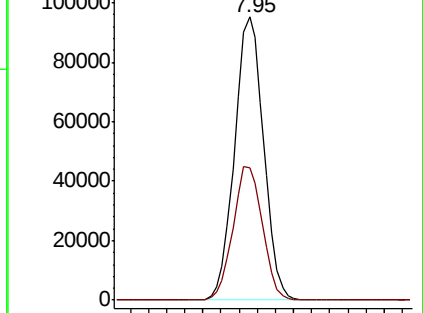
168 100

99 46.9 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: 2.115 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006484.D

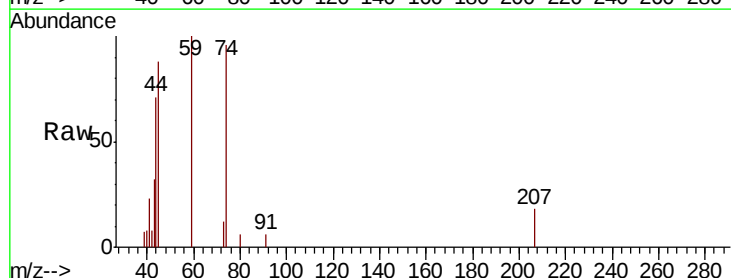
Acq: 30 Oct 2018 06:10

Tgt Ion: 74 Resp: 2007

Ion Ratio Lower Upper

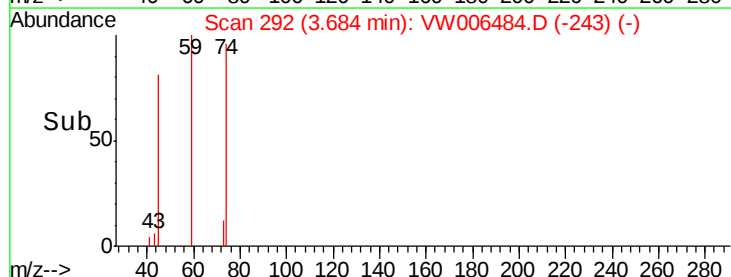
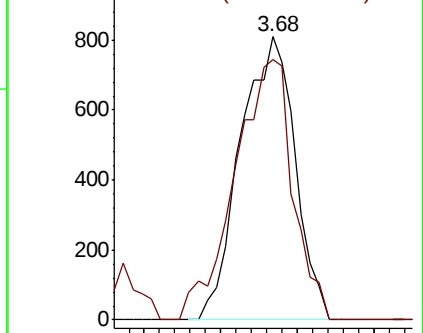
74 100

45 97.9 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: 27.967 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006484.D

Acq: 30 Oct 2018 06:10

Instrument :

MSVOA_W

ClientSampleId :

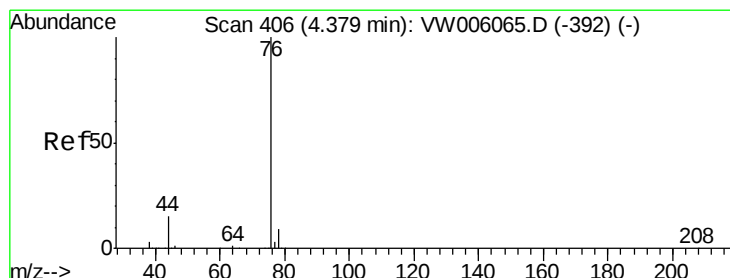
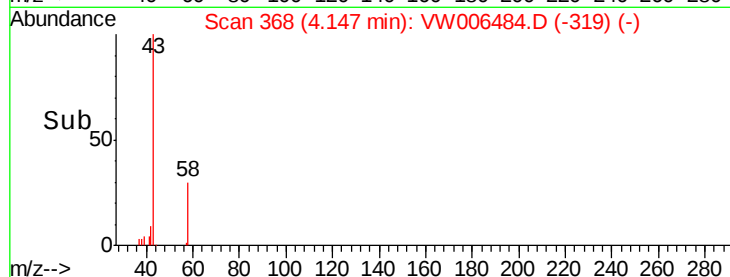
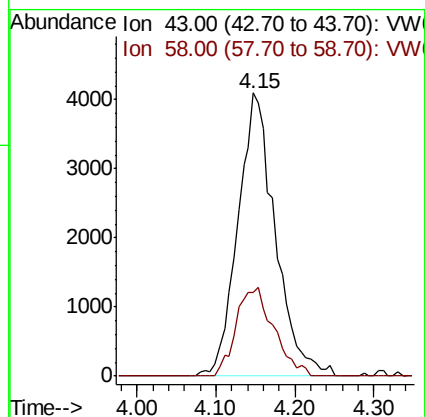
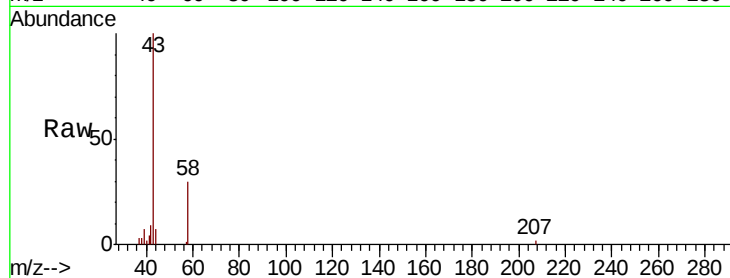
BS-SOIL-2

Tot Ion: 43 Resp: 13476

Ion Ratio Lower Upper

43 100

58 29.7 24.0 36.0



#17

Carbon Disulfide

Concen: 1.201 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006484.D

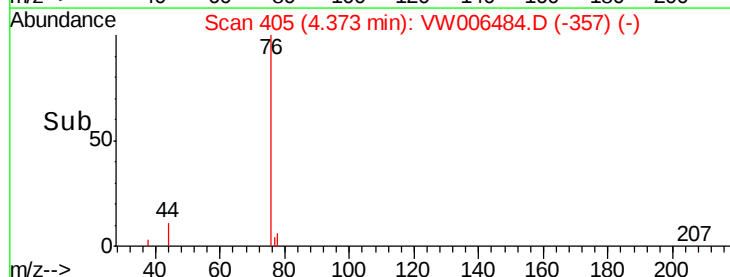
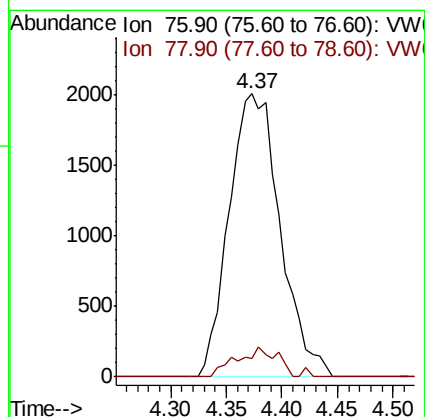
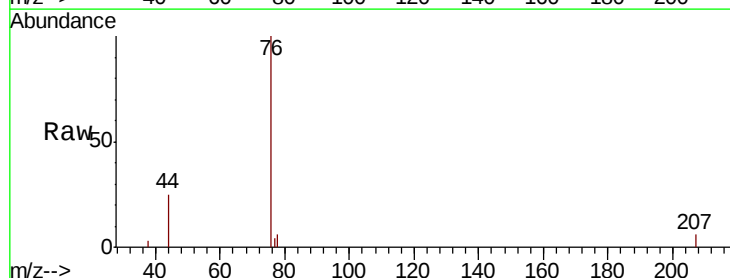
Acq: 30 Oct 2018 06:10

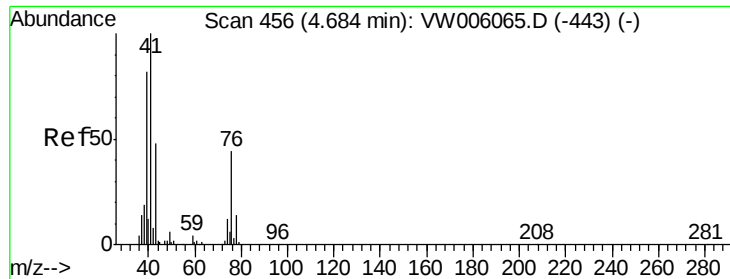
Tgt Ion: 76 Resp: 6381

Ion Ratio Lower Upper

76 100

78 6.4 7.5 11.3#

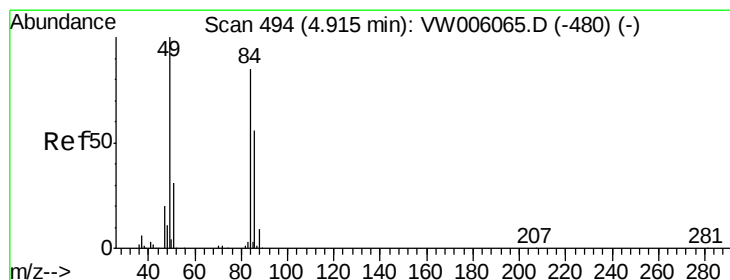
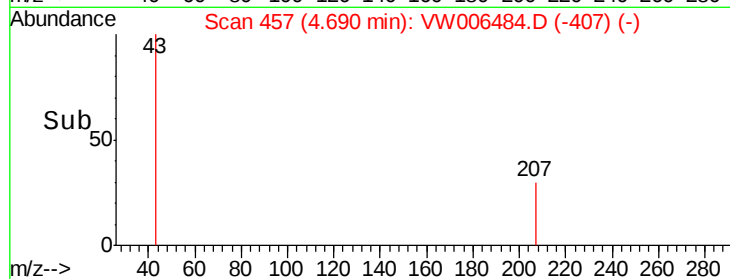
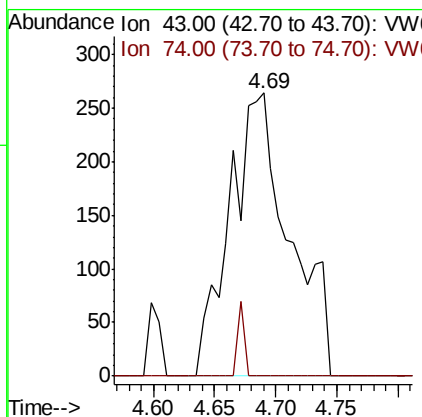
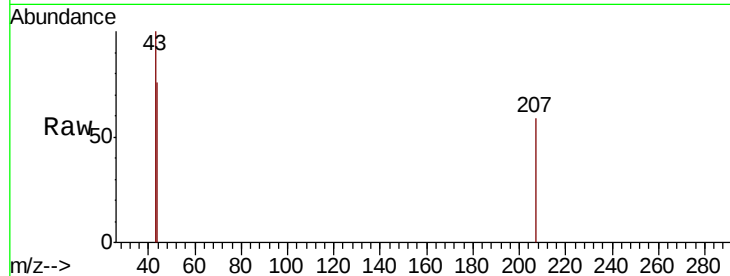




#18
Methyl Acetate
Concen: 1.023 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006484.D
Acq: 30 Oct 2018 06:10

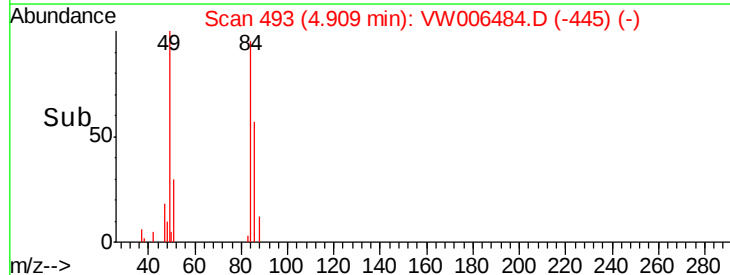
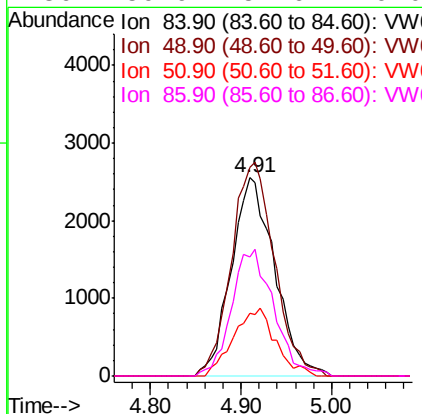
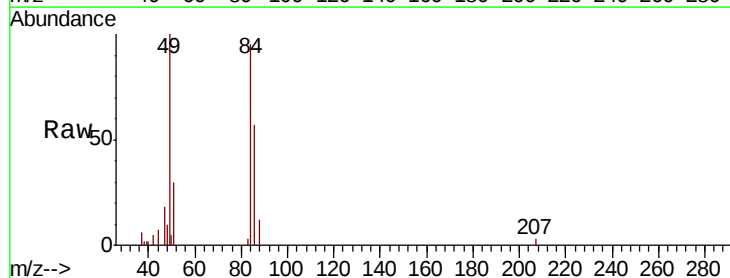
Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-2

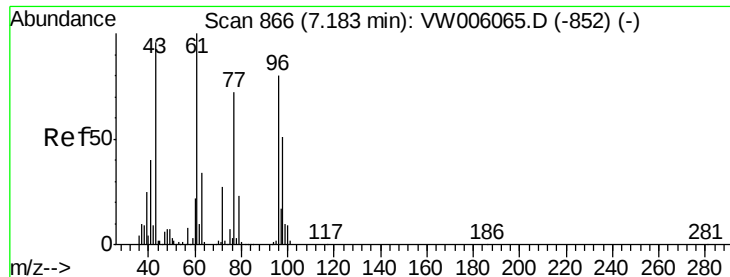
Tot Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
74 2.9 20.5 30.7#



#20
Methylene Chloride
Concen: 3.058 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006484.D
Acq: 30 Oct 2018 06:10

Tgt Ion: 84 Resp: 8477
Ion Ratio Lower Upper
84 100
49 105.1 93.6 140.4
51 31.9 29.0 43.4
86 59.9 52.6 79.0





#25

2-Butanone

Concen: 3.943 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW006484.D

Acq: 30 Oct 2018 06:10

Instrument :

MSVOA_W

ClientSampleId :

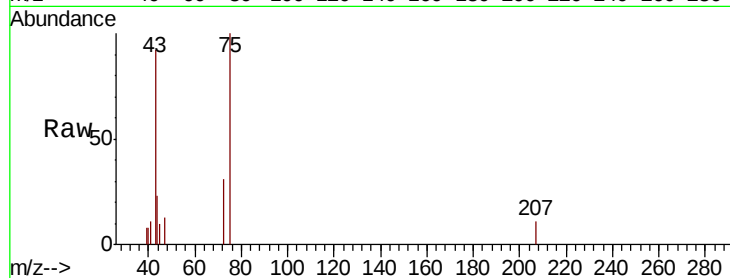
BS-SOIL-2

Tot Ion: 43 Resp: 1861

Ion Ratio Lower Upper

43 100

72 33.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.20

600

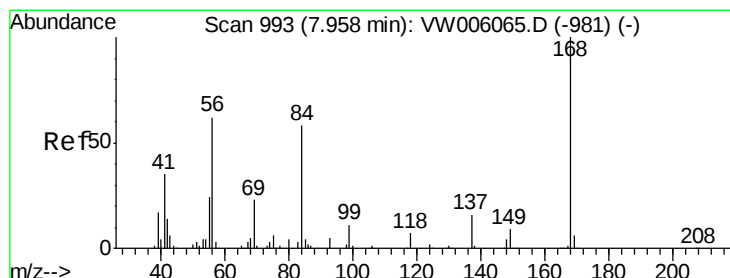
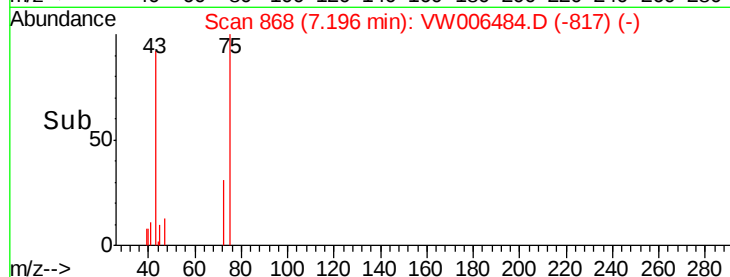
400

200

0

7.10 7.20 7.30

Time-->



#31

Cyclohexane

Concen: 1.121 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006484.D

Acq: 30 Oct 2018 06:10

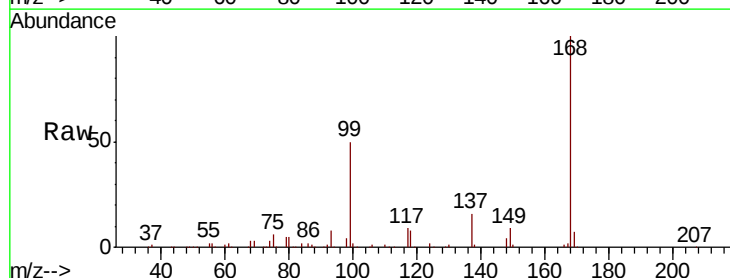
Tgt Ion: 56 Resp: 3583

Ion Ratio Lower Upper

56 100

69 152.4 29.4 44.0#

84 122.1 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

7.95

3000

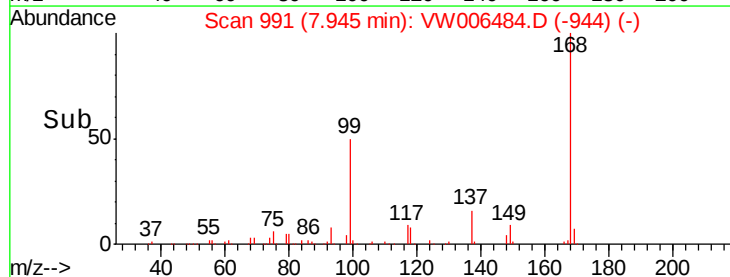
2000

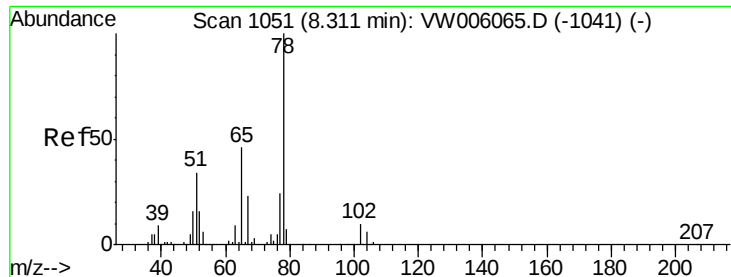
1000

0

7.90 7.95 8.00

Time-->

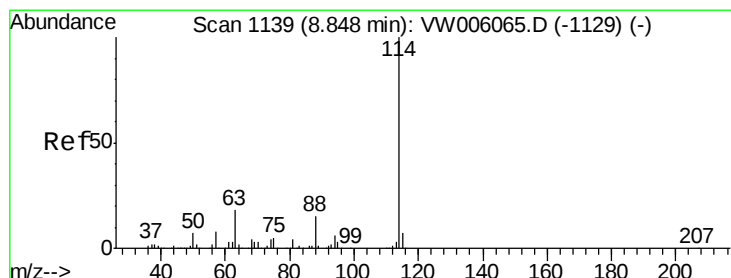
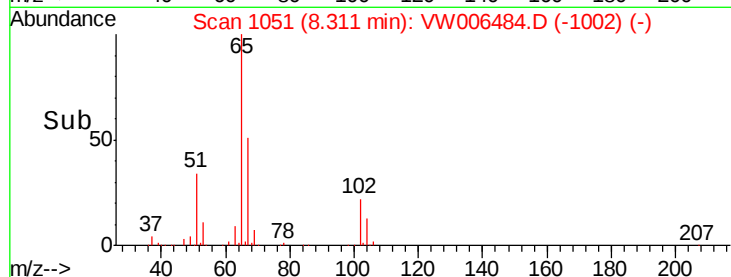
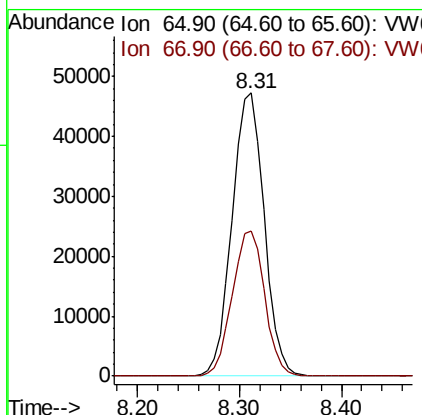
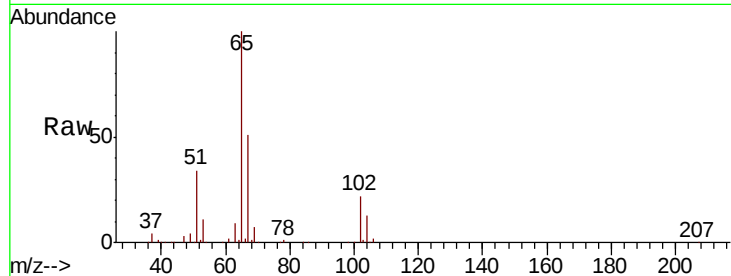




#33
 1,2-Dichloroethane-d4
 Concen: 58.941 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006484.D
 Acq: 30 Oct 2018 06:10

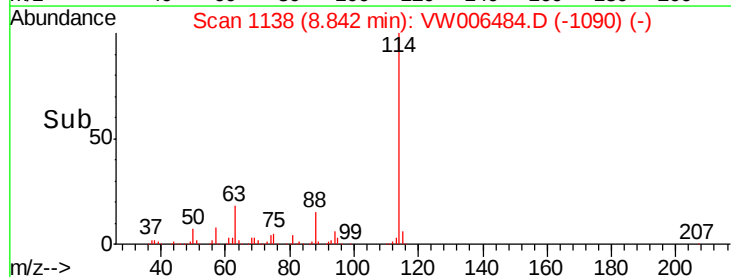
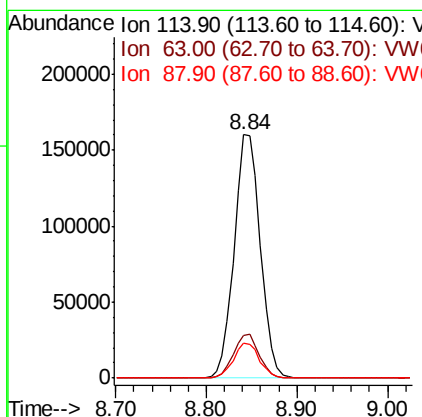
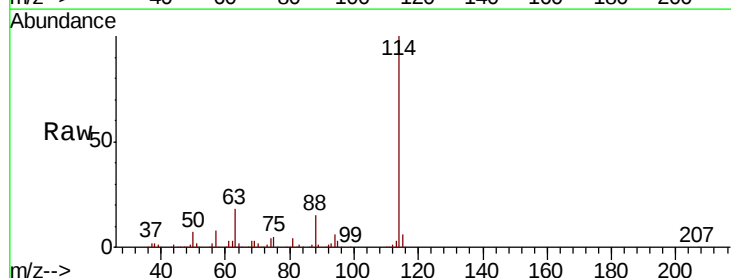
Instrument :
 MSVOA_W
 ClientSampled :
 BS-SOIL-2

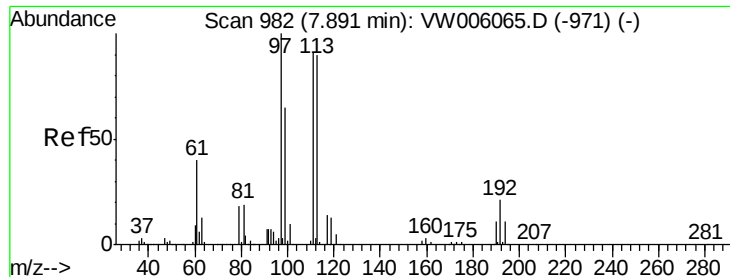
Tot Ion: 65 Resp: 102975
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006484.D
 Acq: 30 Oct 2018 06:10

Tgt Ion: 114 Resp: 318923
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 14.5 0.0 29.0

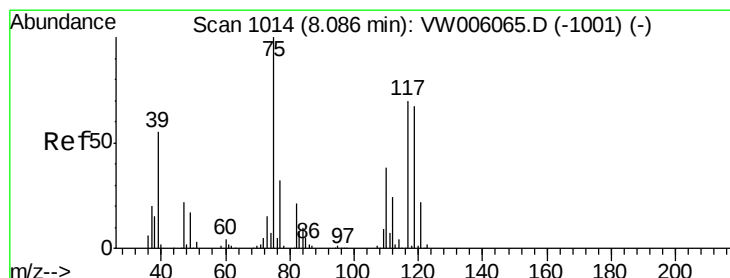
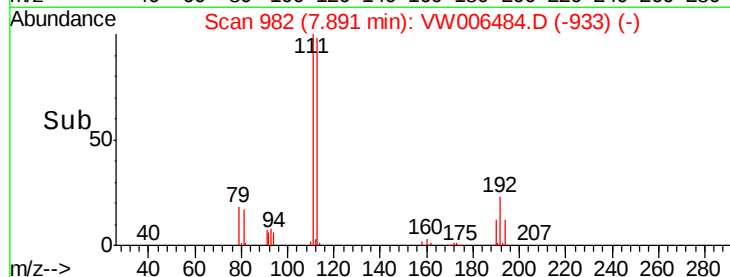
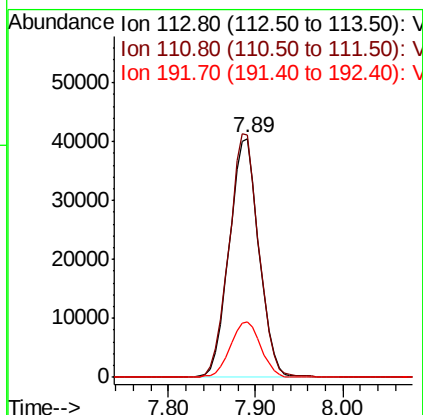
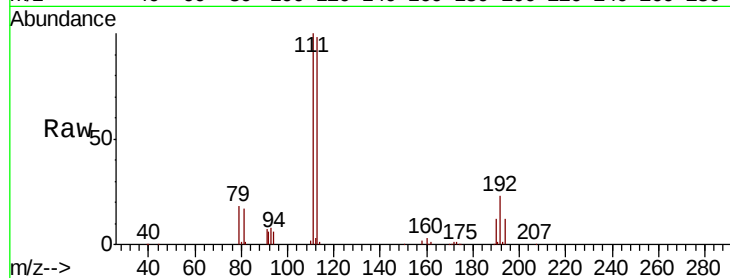




#35
 Dibromofluoromethane
 Concen: 50.648 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006484.D
 Acq: 30 Oct 2018 06:10

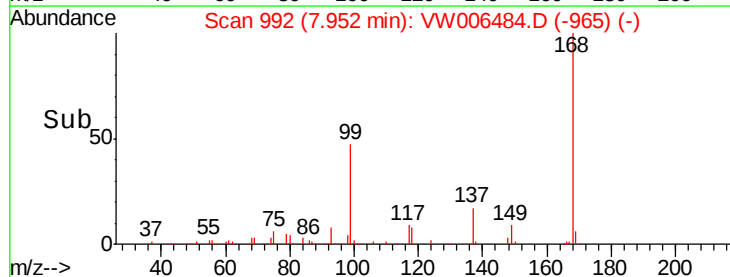
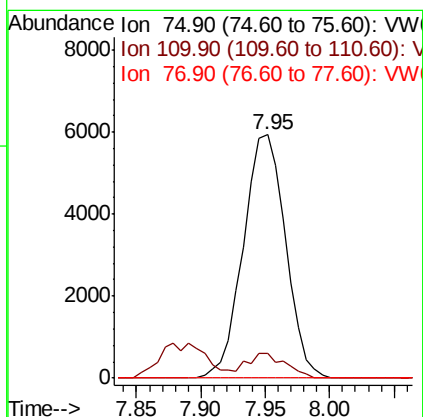
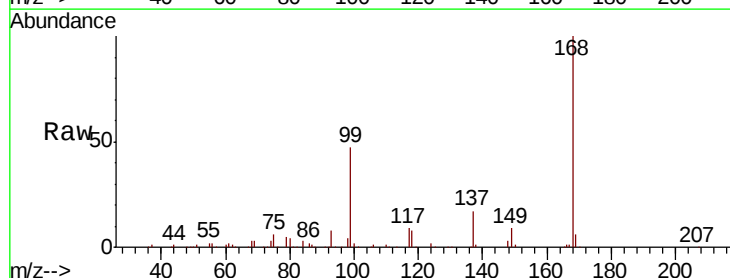
Instrument :
 MSVOA_W
 ClientSampled :
 BS-SOIL-2

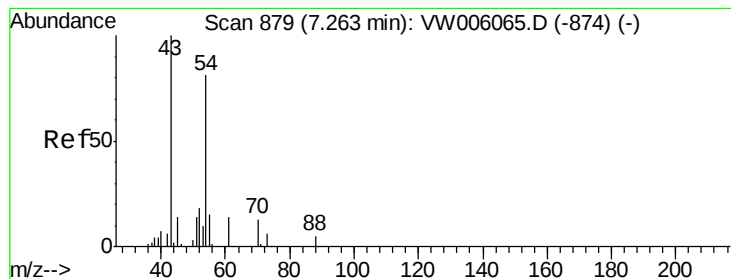
Tot Ion:113 Resp: 95446
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.8 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.586 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006484.D
 Acq: 30 Oct 2018 06:10

Tgt Ion: 75 Resp: 13480
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.1 57.1#
 77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.704 ug/l

RT: 7.20 min Scan# 868

Delta R.T. -0.07 min

Lab File: VW006484.D

Acq: 30 Oct 2018 06:10

Instrument :

MSVOA_W

ClientSampleId :

BS-SOIL-2

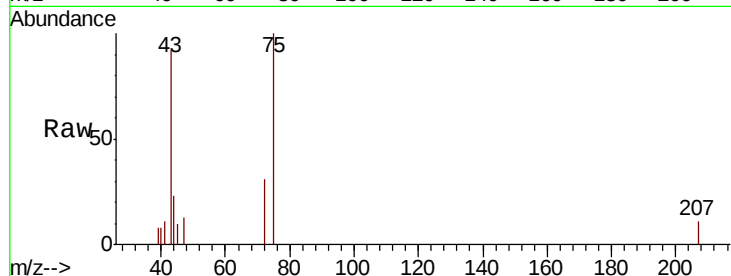
Tot Ion: 43 Resp: 1861

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

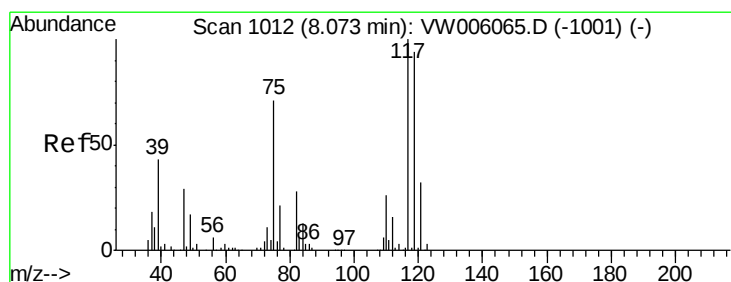
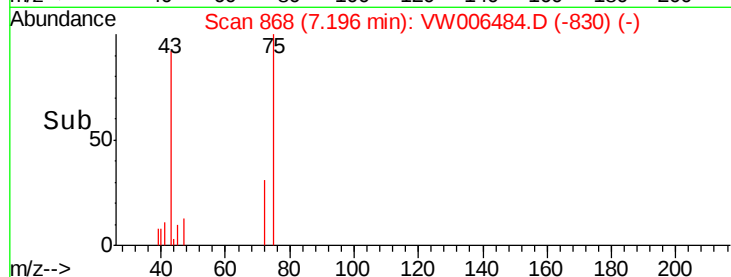
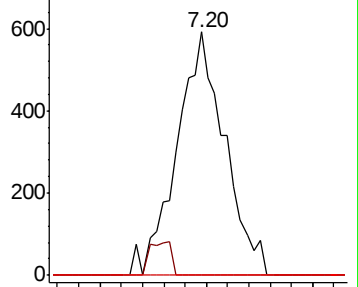
70 0.0 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 5.726 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006484.D

Acq: 30 Oct 2018 06:10

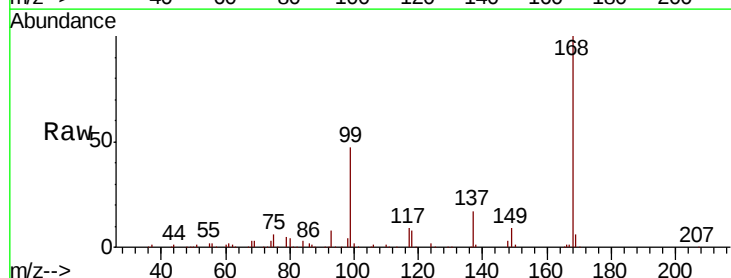
Tgt Ion: 117 Resp: 18452

Ion Ratio Lower Upper

117 100

119 5.6 75.2 112.8#

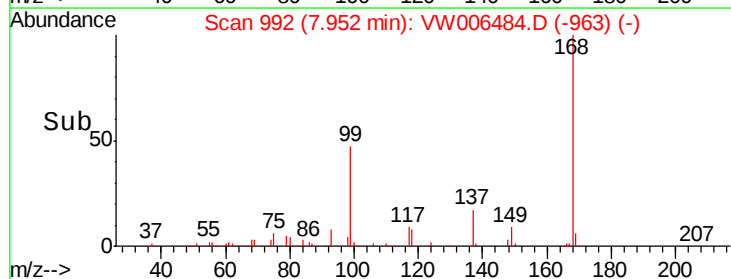
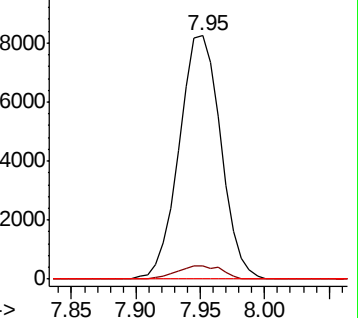
121 0.0 25.3 37.9#

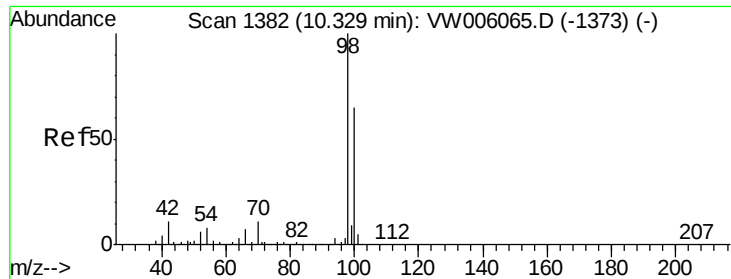


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.853 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006484.D

Acq: 30 Oct 2018 06:10

Instrument :

MSVOA_W

ClientSampleId :

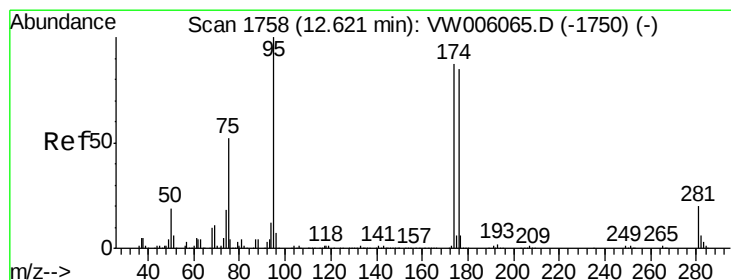
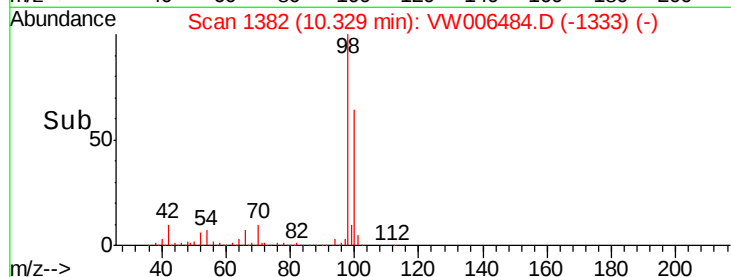
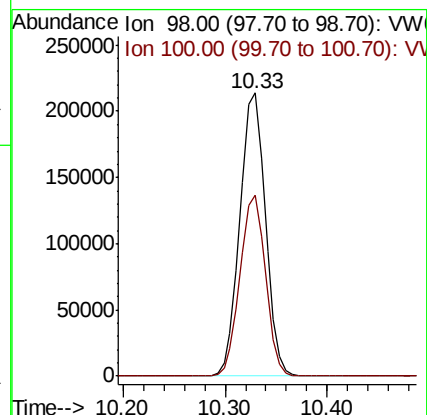
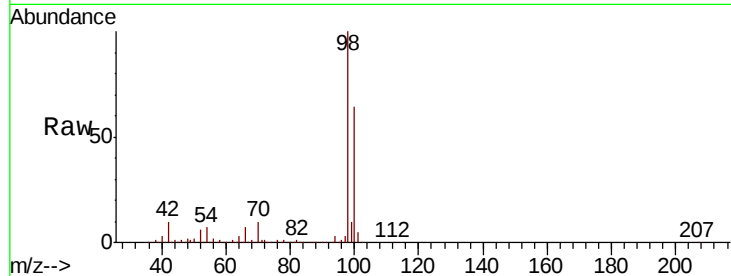
BS-SOIL-2

Tot Ion: 98 Resp: 371764

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 45.757 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006484.D

Acq: 30 Oct 2018 06:10

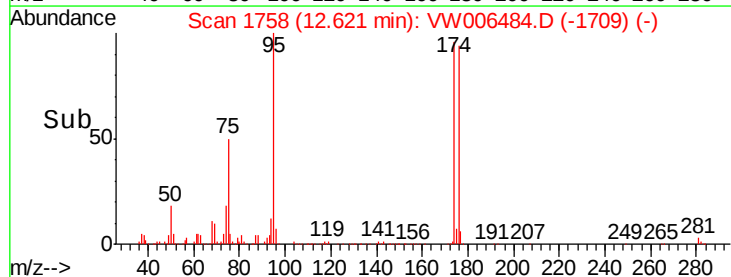
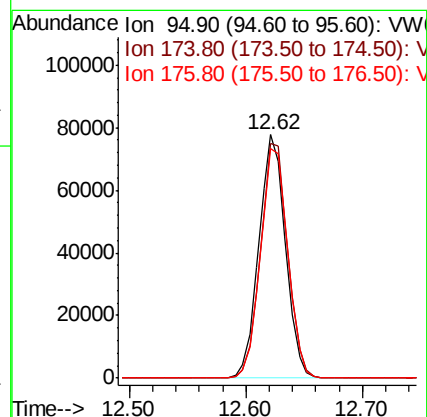
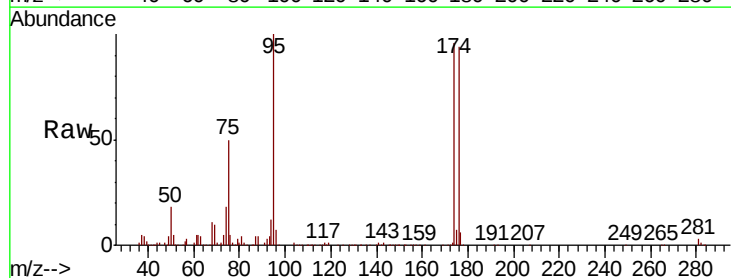
Tgt Ion: 95 Resp: 123215

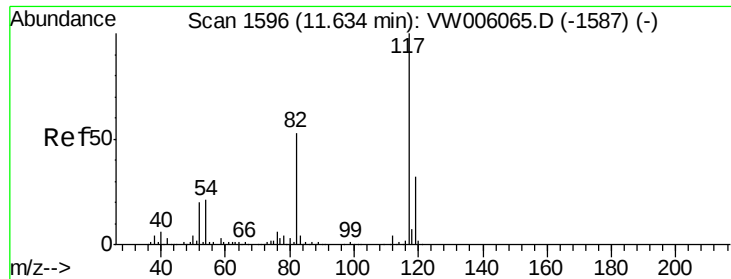
Ion Ratio Lower Upper

95 100

174 98.6 0.0 186.0

176 97.1 0.0 181.6

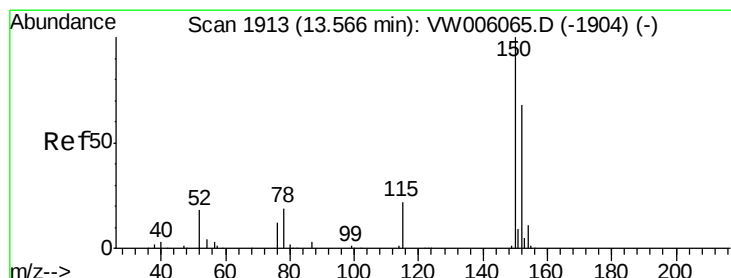
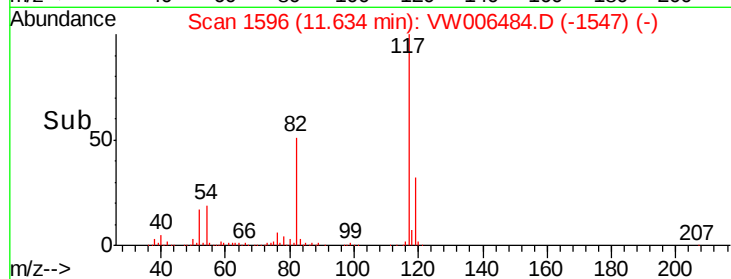
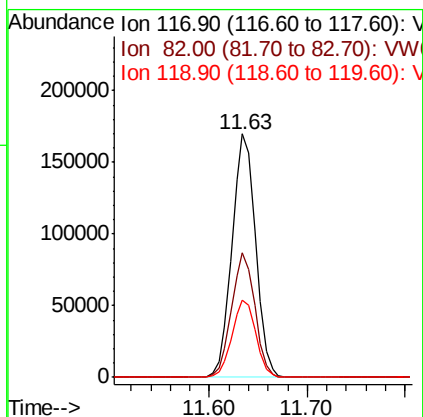
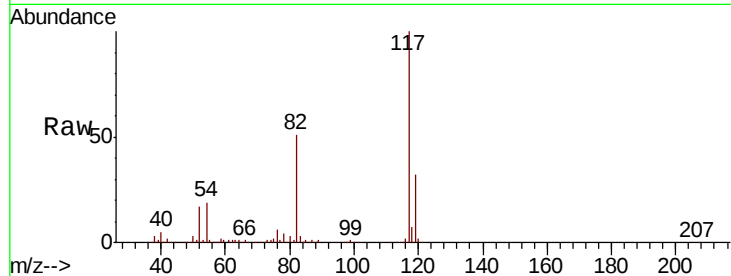




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006484.D
Acq: 30 Oct 2018 06:10

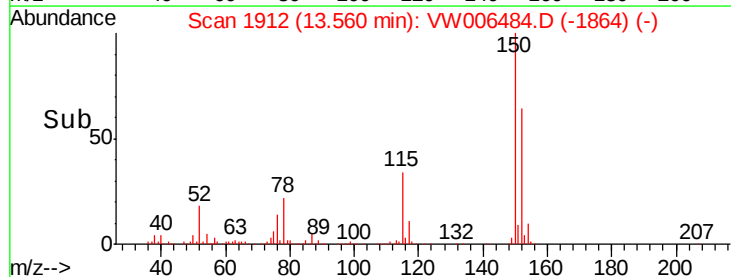
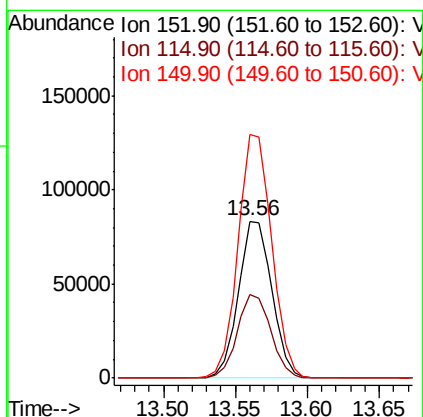
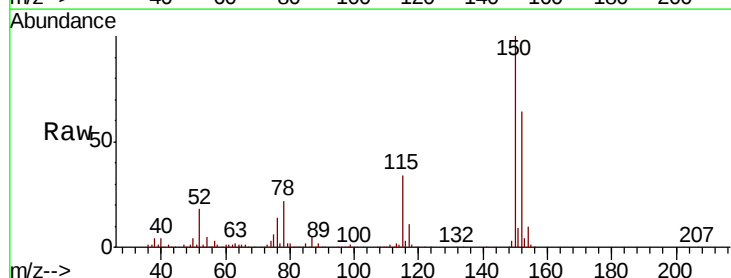
Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-2

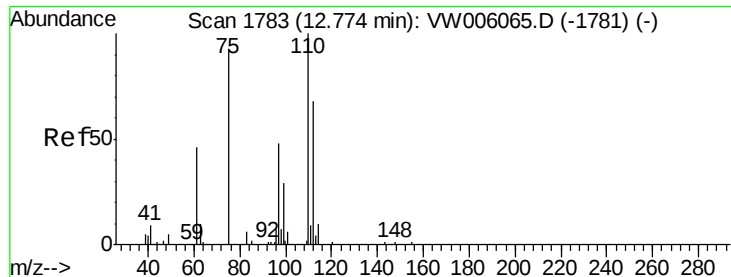
Tot Ion:117 Resp: 284238
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006484.D
Acq: 30 Oct 2018 06:10

Tgt Ion:152 Resp: 134017
Ion Ratio Lower Upper
152 100
115 53.3 27.8 83.3
150 156.5 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 60.189 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006484.D

Acq: 30 Oct 2018 06:10

Instrument :

MSVOA_W

ClientSampleId :

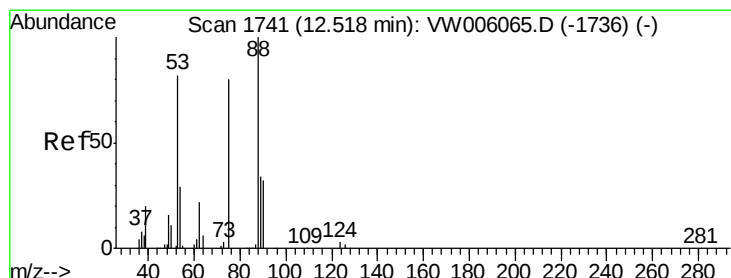
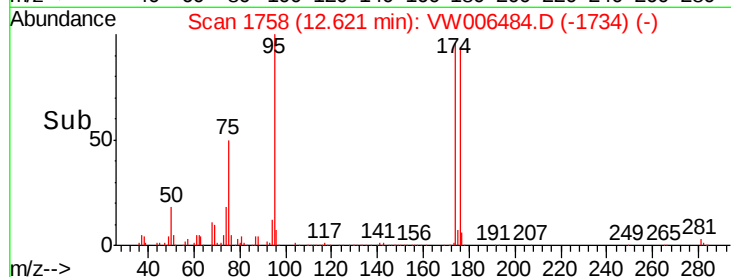
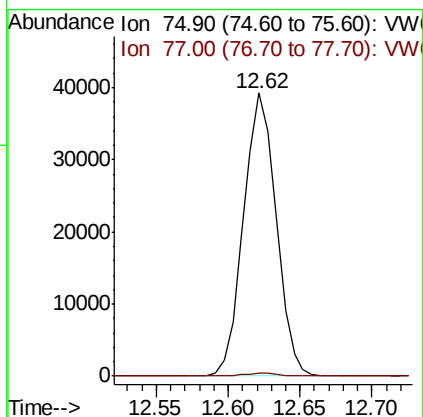
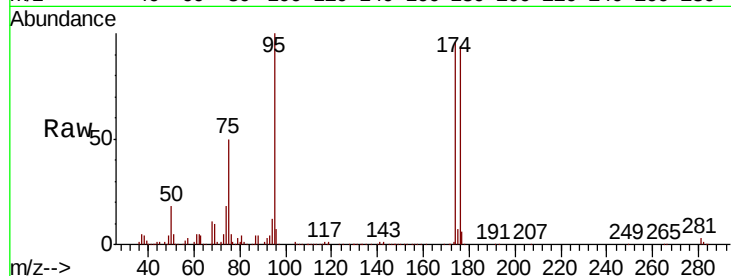
BS-SOIL-2

Tot Ion: 75 Resp: 61611

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.875 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006484.D

Acq: 30 Oct 2018 06:10

Tgt Ion: 75 Resp: 61611

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

