

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006483.D
 Acq On : 30 Oct 2018 05:44
 Operator : SY/AP
 Sample : J5639-01RE
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-1

Quant Time: Oct 30 07:39:35 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	215902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	333367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	145039	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	105600	59.00	ug/l	0.00
Spiked Amount			Recovery	=	118.00%	
35) Dibromofluoromethane	7.88	113	100600	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	10.33	98	333359	44.48	ug/l	0.00
Spiked Amount			Recovery	=	88.96%	
62) 4-Bromofluorobenzene	12.62	95	125533	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	

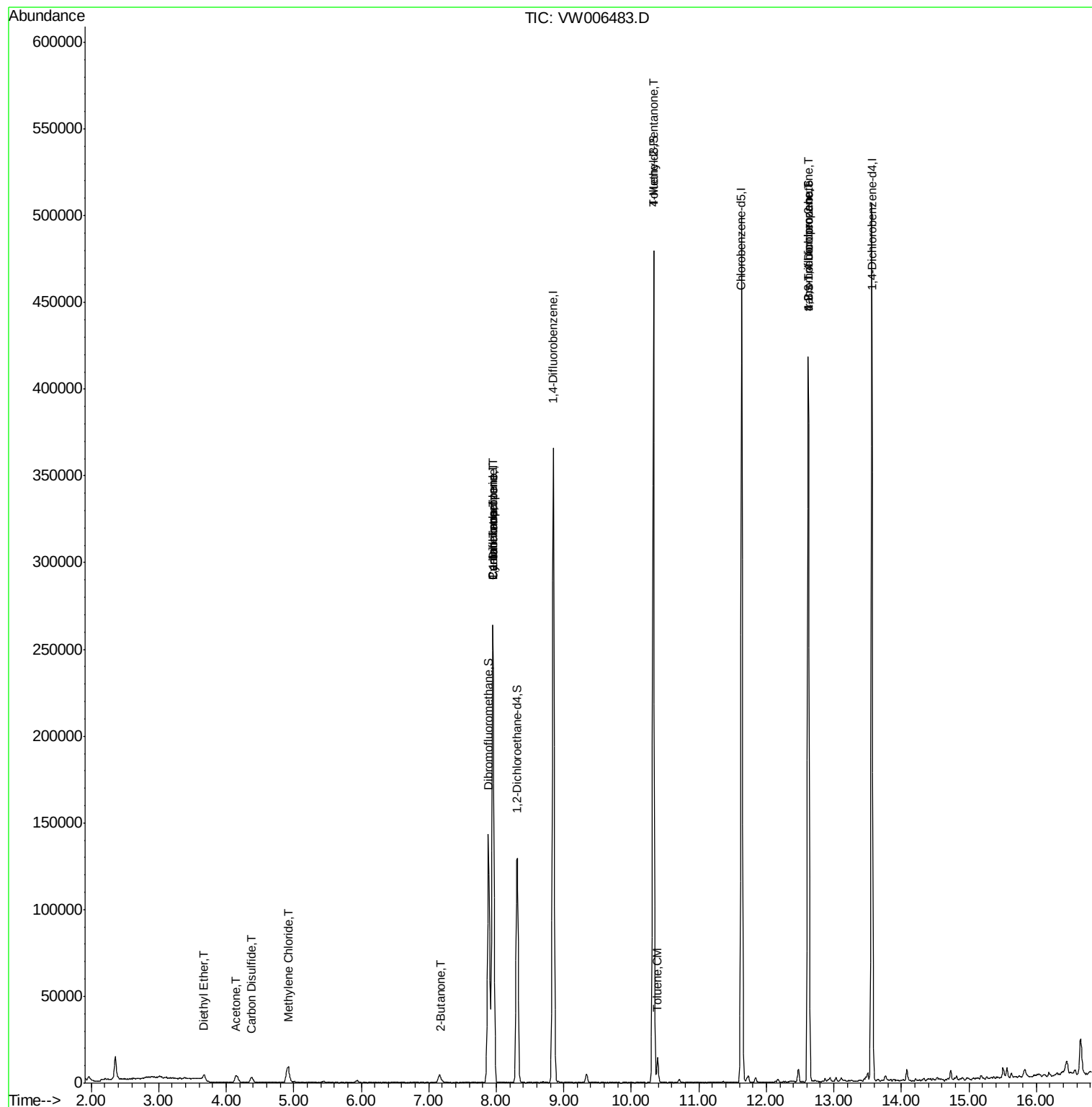
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	1848	1.900	ug/l	86
16) Acetone	4.14	43	9080	13.005	ug/l	98
17) Carbon Disulfide	4.37	76	7015	1.288	ug/l	98
20) Methylene Chloride	4.92	84	8419	2.912	ug/l	89
25) 2-Butanone	7.18	43	562	1.162	ug/l #	46
31) Cyclohexane	7.95	56	4176	1.275	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	13694	4.457	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18975	5.633	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1477	1.263	ug/l #	1
52) Toluene	10.39	92	6183	1.094	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	62833	56.718	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62833	135.579	ug/l #	10

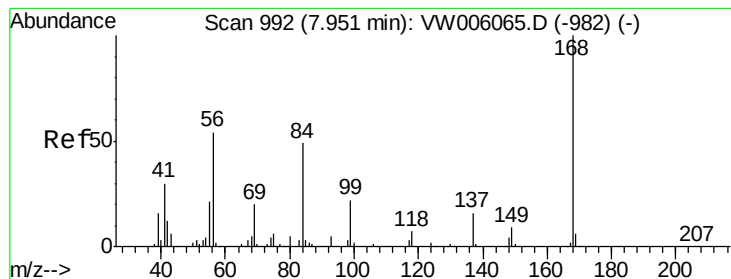
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
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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: VW006483.D

Acq: 30 Oct 2018 05:44

Instrument :

MSVOA_W

ClientSampled :

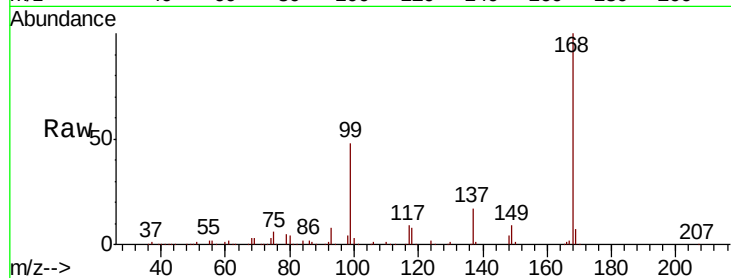
BS-SOIL-1

Tot Ion:168 Resp: 215902

Ion Ratio Lower Upper

168 100

99 48.5 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

80000

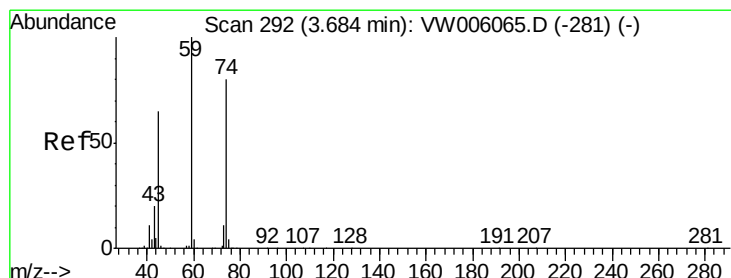
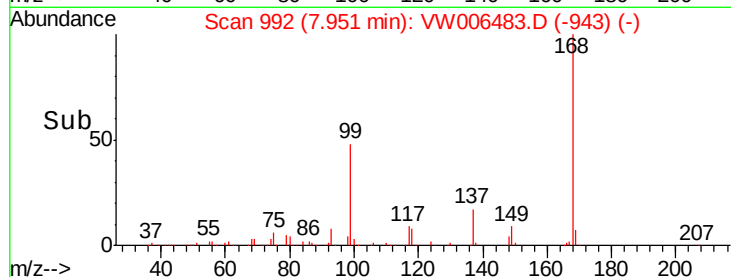
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.900 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006483.D

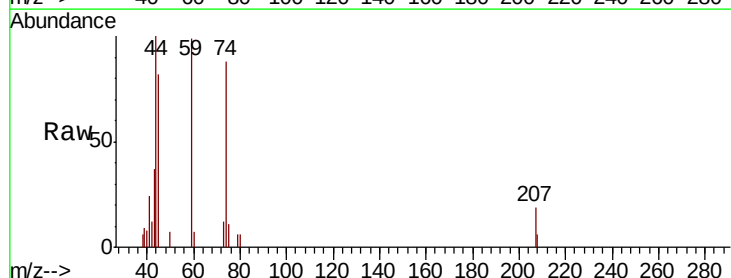
Acq: 30 Oct 2018 05:44

Tgt Ion: 74 Resp: 1848

Ion Ratio Lower Upper

74 100

45 98.4 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

800

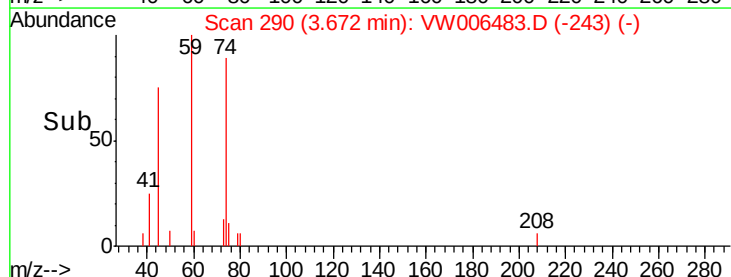
600

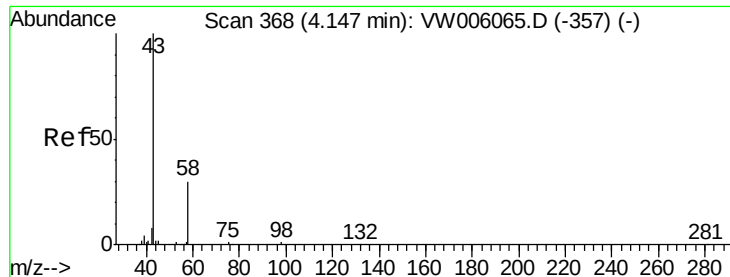
400

200

0

Time-->





#16

Acetone

Concen: 13.005 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006483.D

Acq: 30 Oct 2018 05:44

Instrument :

MSVOA_W

ClientSampled :

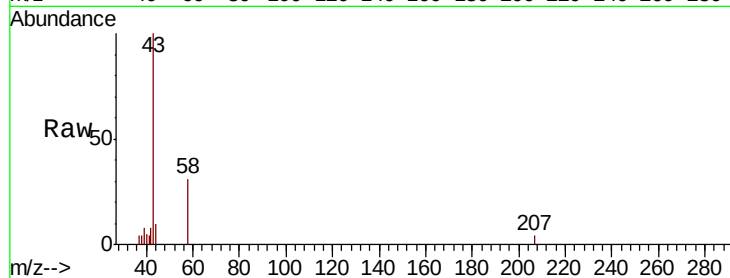
BS-SOIL-1

Tot Ion: 43 Resp: 9080

Ion Ratio Lower Upper

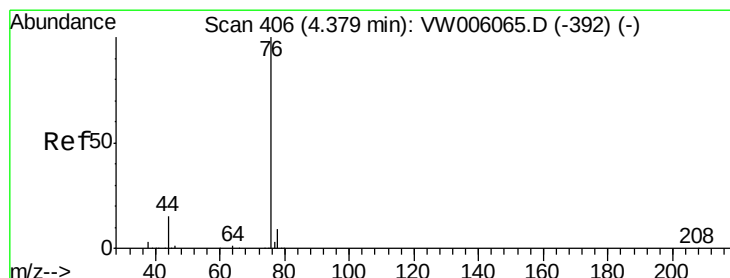
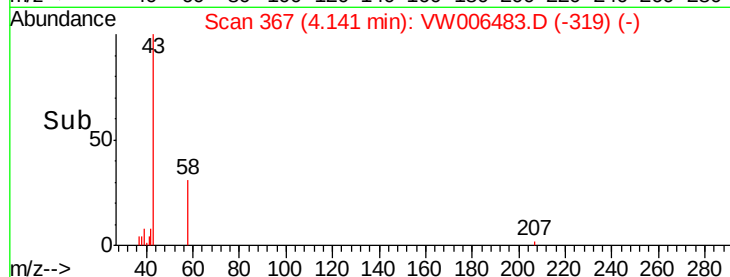
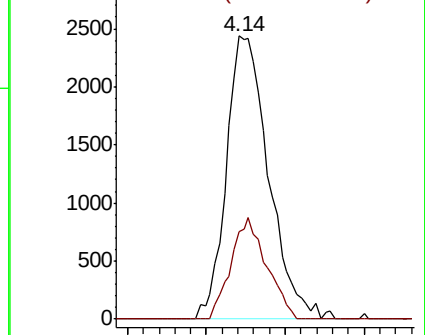
43 100

58 31.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 1.288 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006483.D

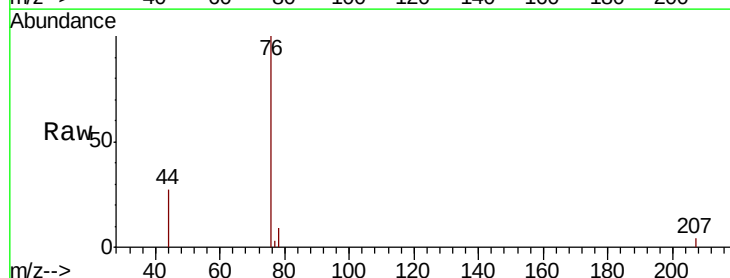
Acq: 30 Oct 2018 05:44

Tgt Ion: 76 Resp: 7015

Ion Ratio Lower Upper

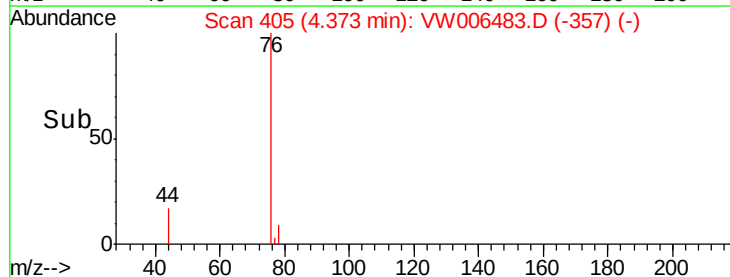
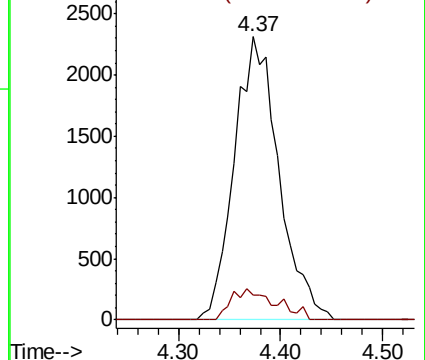
76 100

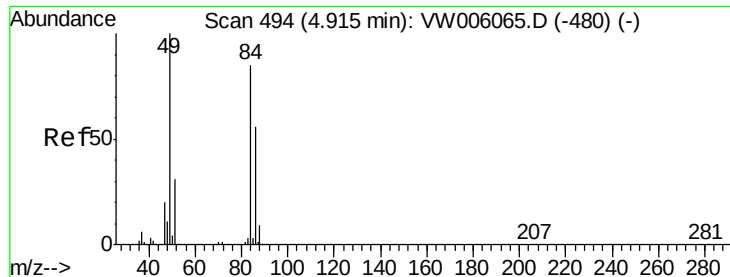
78 8.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

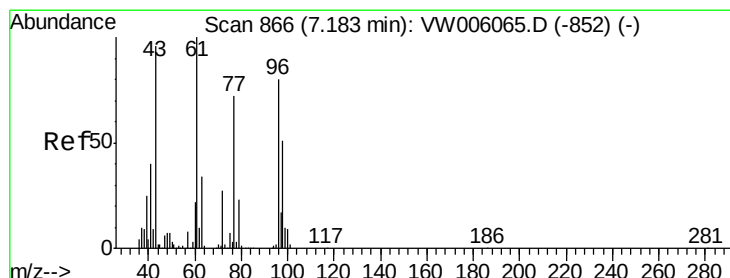
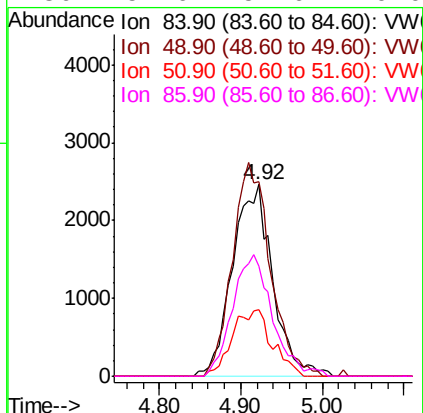
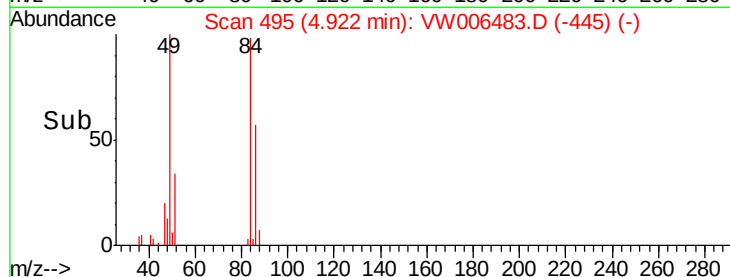
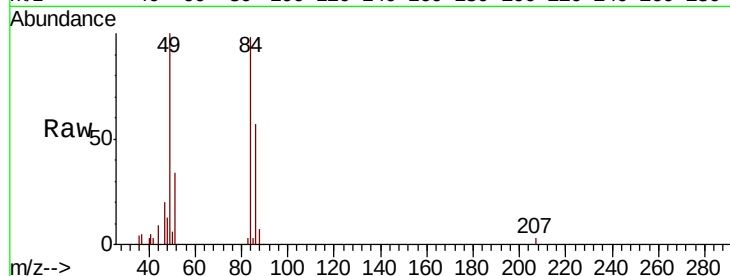




#20
Methylene Chloride
Concen: 2.912 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006483.D
Acq: 30 Oct 2018 05:44

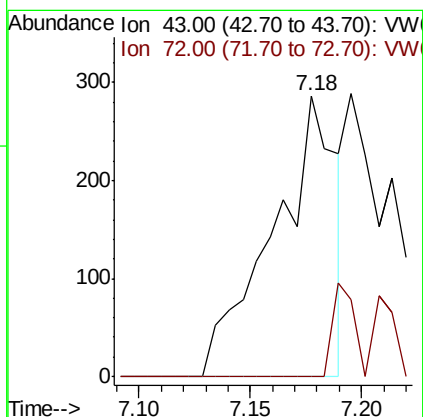
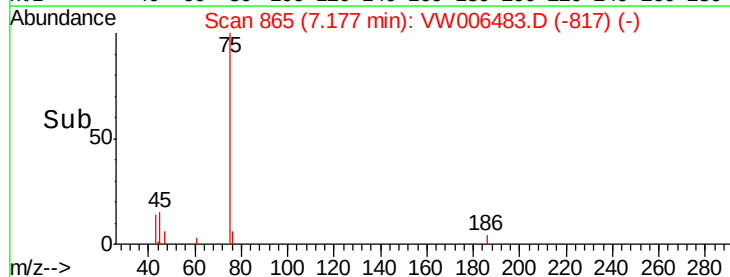
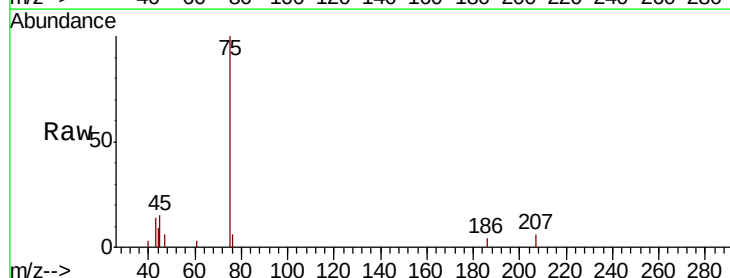
Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-1

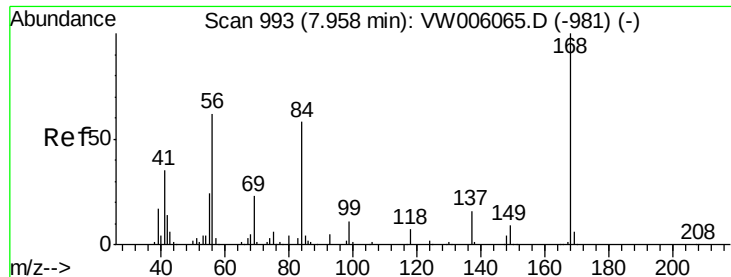
Tot Ion: 84 Resp: 8419
Ion Ratio Lower Upper
84 100
49 101.7 93.6 140.4
51 34.7 29.0 43.4
86 57.6 52.6 79.0



#25
2-Butanone
Concen: 1.162 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006483.D
Acq: 30 Oct 2018 05:44

Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#

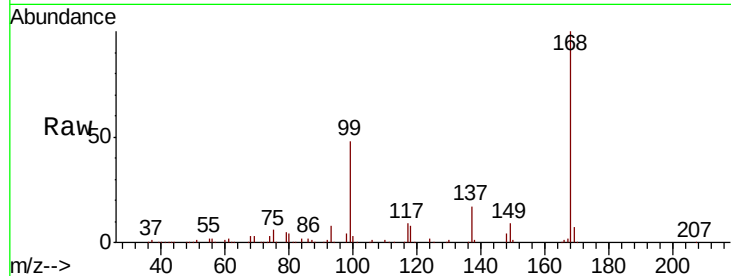




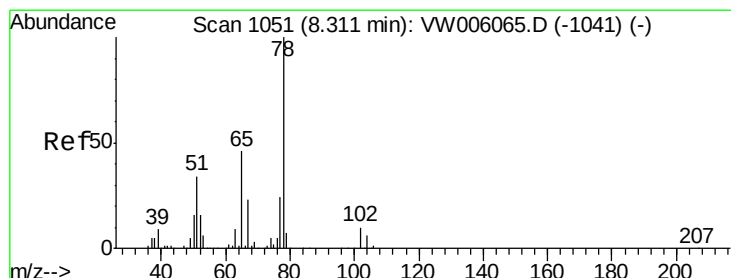
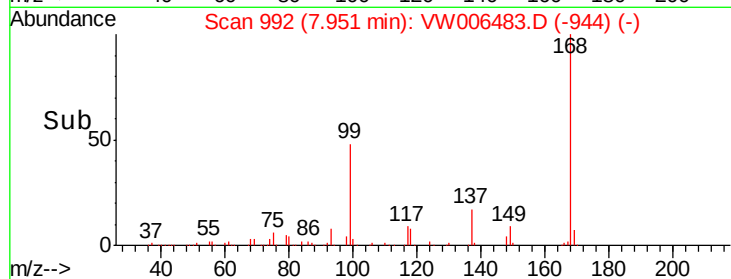
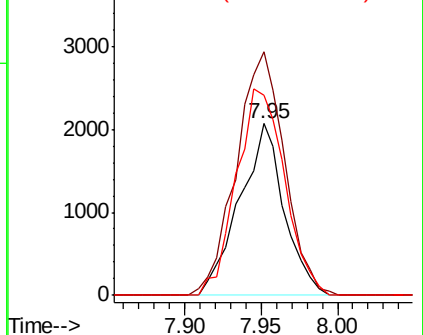
#31
Cyclohexane
Concen: 1.275 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006483.D
Acq: 30 Oct 2018 05:44

Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-1

Tot Ion: 56 Resp: 4176
Ion Ratio Lower Upper
56 100
69 141.9 29.4 44.0#
84 116.4 74.0 111.0#

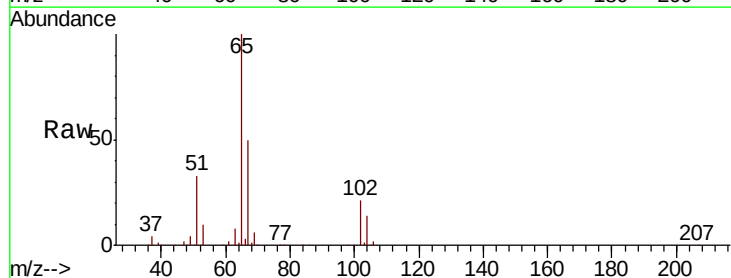


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

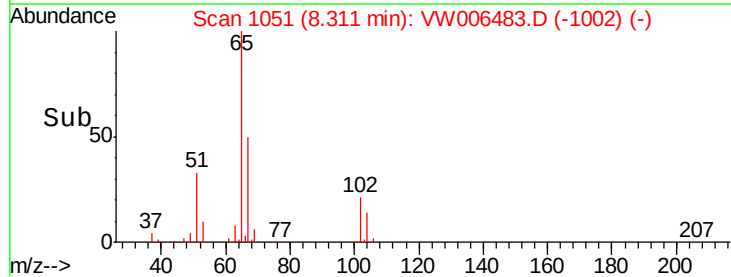
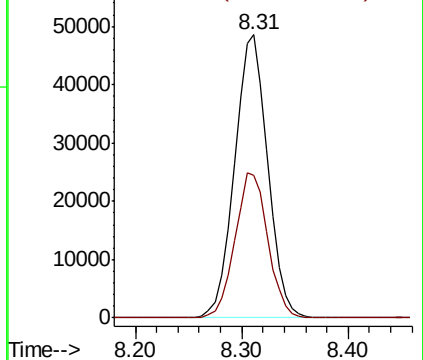


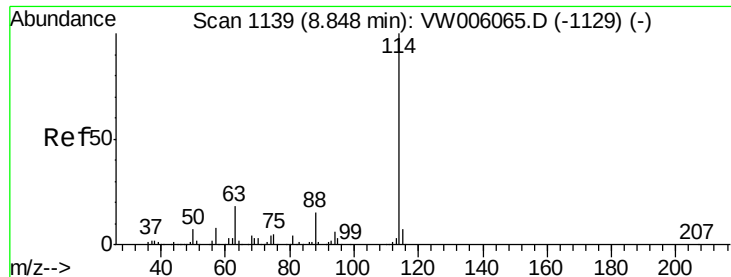
#33
1,2-Dichloroethane-d4
Concen: 58.996 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006483.D
Acq: 30 Oct 2018 05:44

Tgt Ion: 65 Resp: 105600
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.0



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

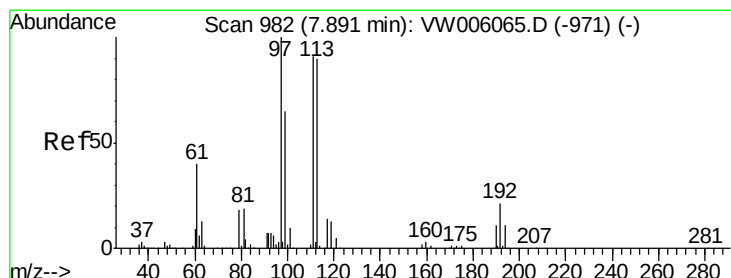
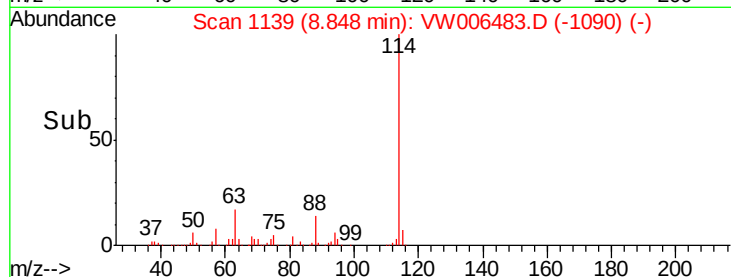
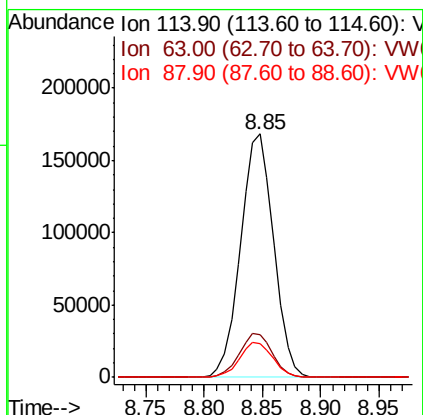
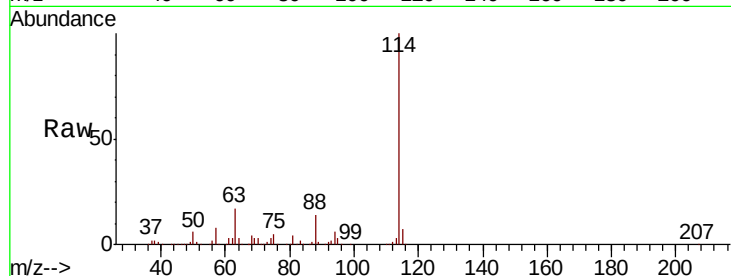




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006483.D
 Acq: 30 Oct 2018 05:44

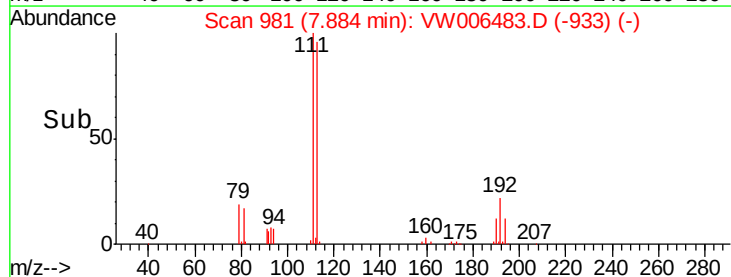
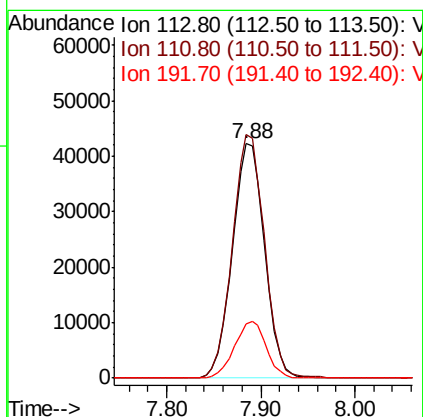
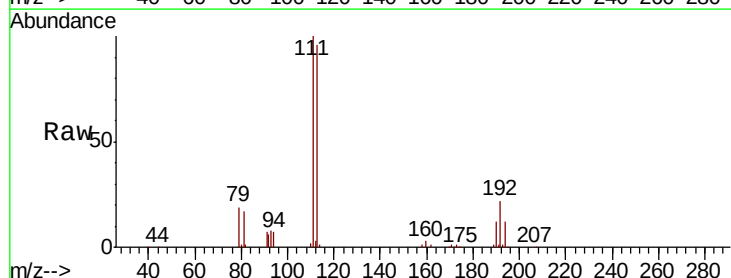
Instrument :
 MSVOA_W
 ClientSampleId :
 BS-SOIL-1

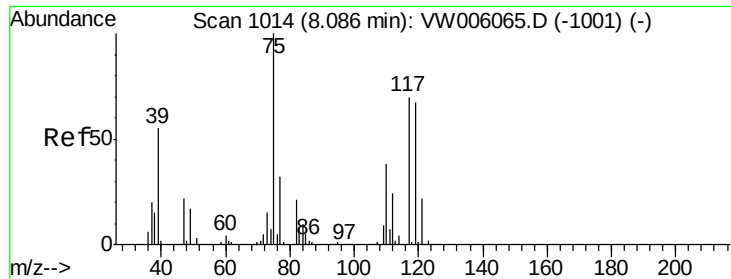
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.8
88	14.0	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 51.070 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006483.D
 Acq: 30 Oct 2018 05:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.0
192	23.6	18.7	28.1

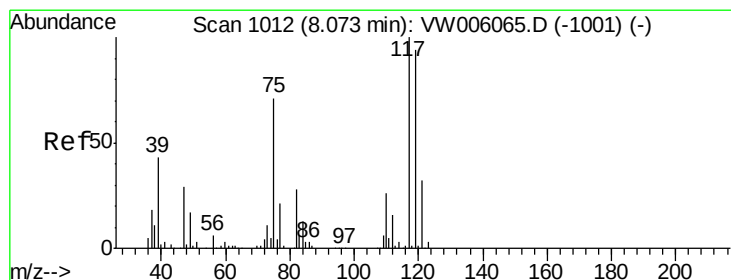
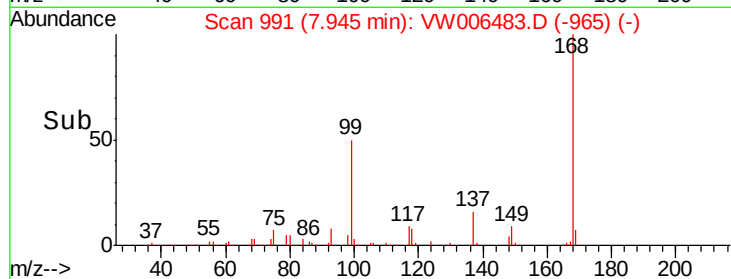
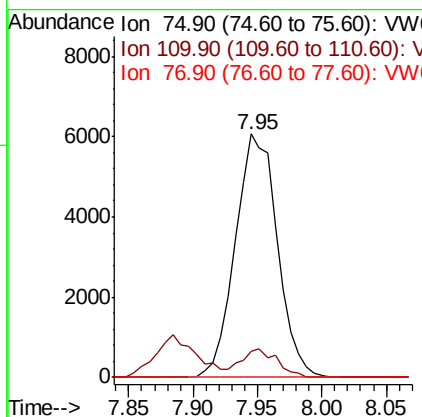
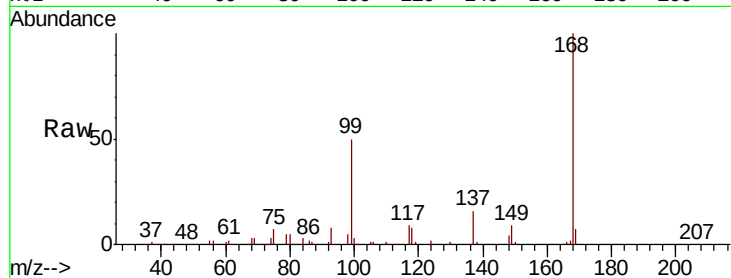




#36
 1,1-Dichloropropene
 Concen: 4.457 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006483.D
 Acq: 30 Oct 2018 05:44

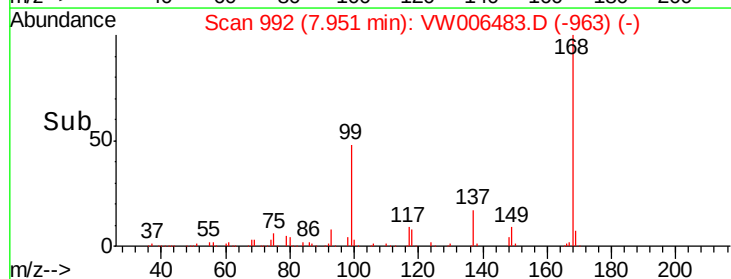
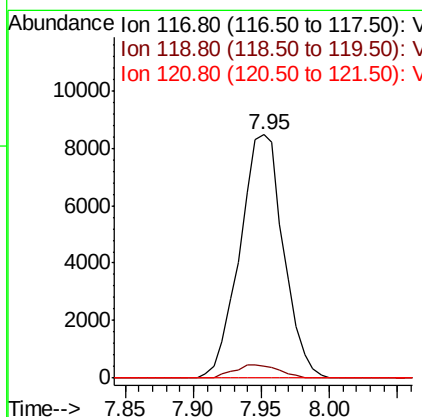
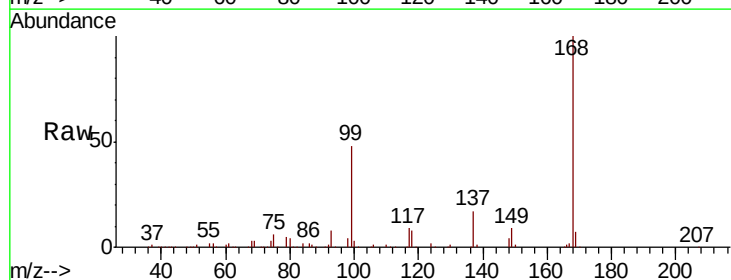
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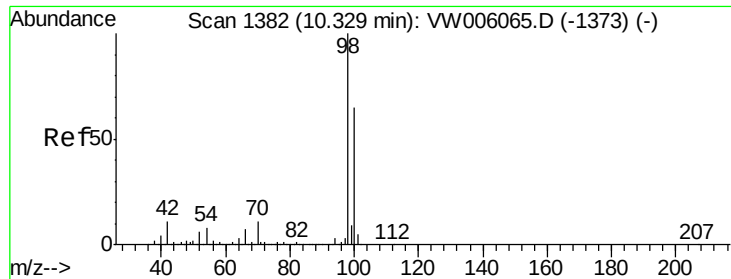
Tot Ion: 75 Resp: 13694
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.633 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006483.D
 Acq: 30 Oct 2018 05:44

Tgt Ion: 117 Resp: 18975
 Ion Ratio Lower Upper
 117 100
 119 5.1 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 44.482 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006483.D

Acq: 30 Oct 2018 05:44

Instrument :

MSVOA_W

ClientSampleId :

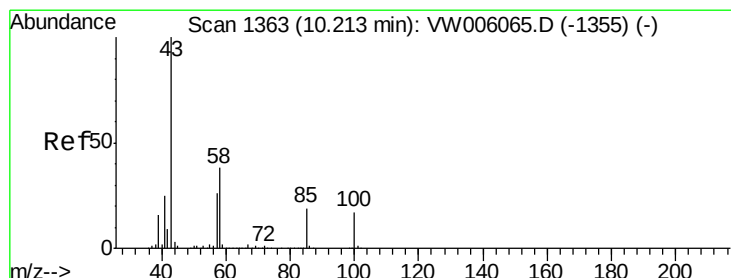
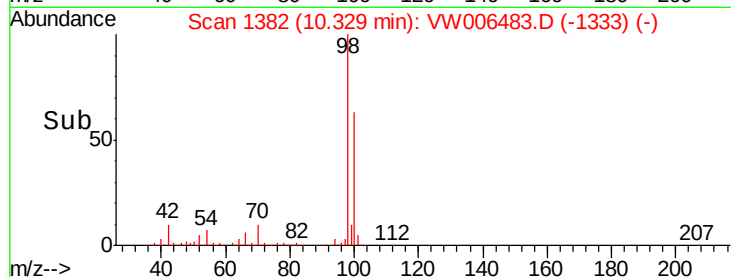
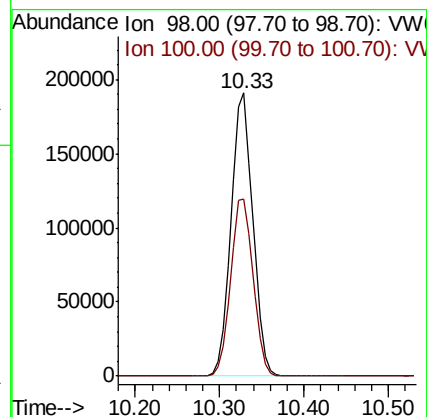
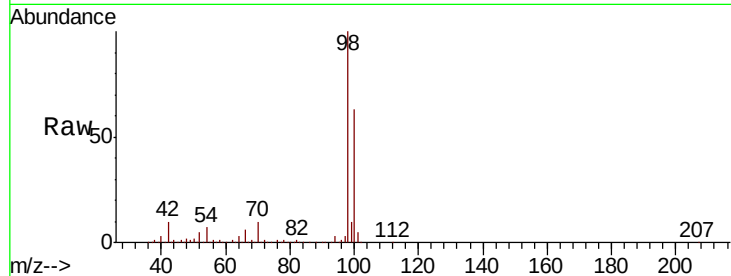
BS-SOIL-1

Tot Ion: 98 Resp: 333359

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.263 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006483.D

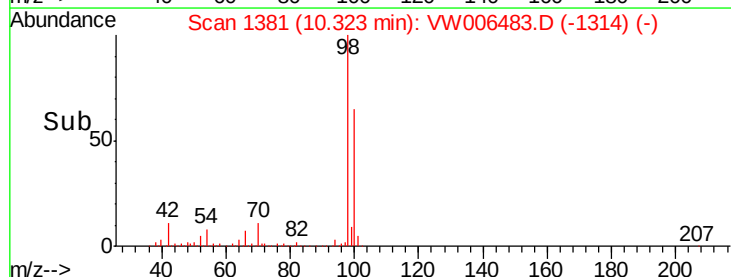
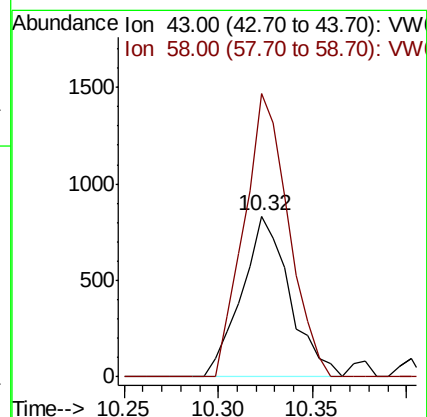
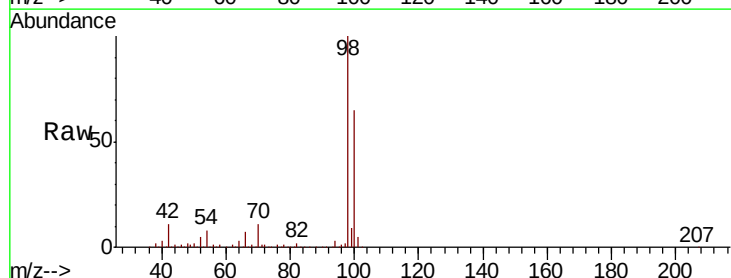
Acq: 30 Oct 2018 05:44

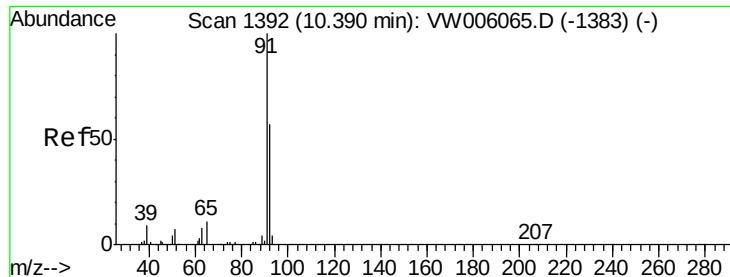
Tgt Ion: 43 Resp: 1477

Ion Ratio Lower Upper

43 100

58 162.4 31.5 47.3#





#52

Toluene

Concen: 1.094 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006483.D

Acq: 30 Oct 2018 05:44

Instrument :

MSVOA_W

ClientSampleId :

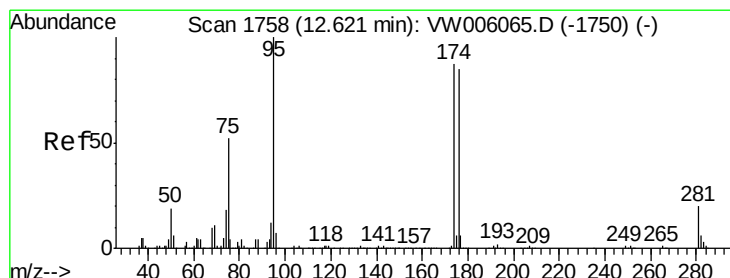
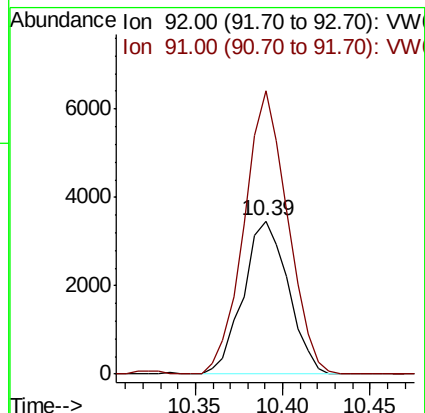
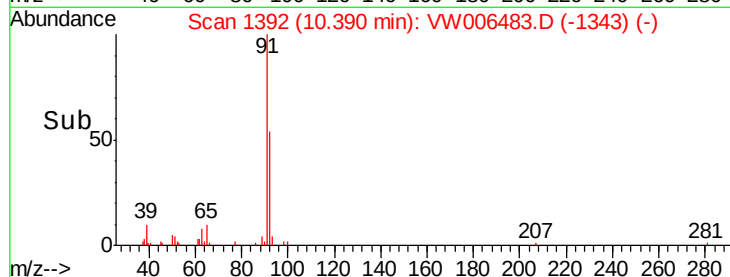
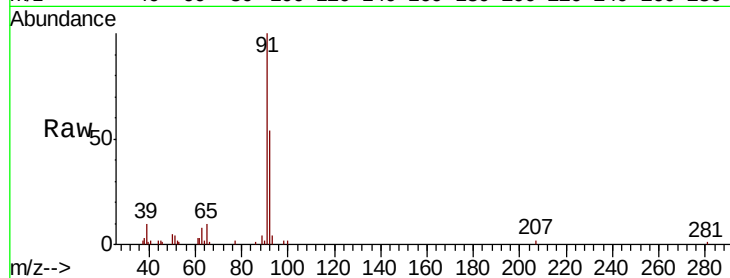
BS-SOIL-1

Tot Ion: 92 Resp: 6183

Ion Ratio Lower Upper

92 100

91 179.2 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 44.598 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006483.D

Acq: 30 Oct 2018 05:44

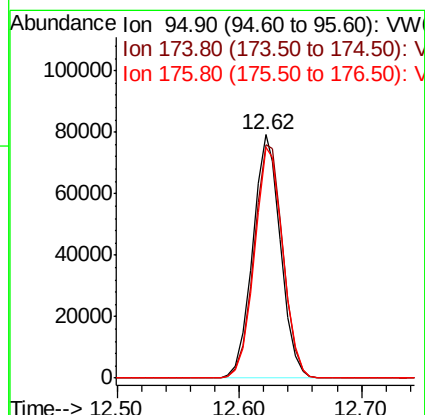
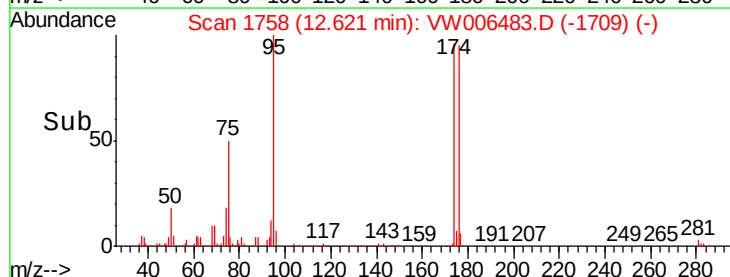
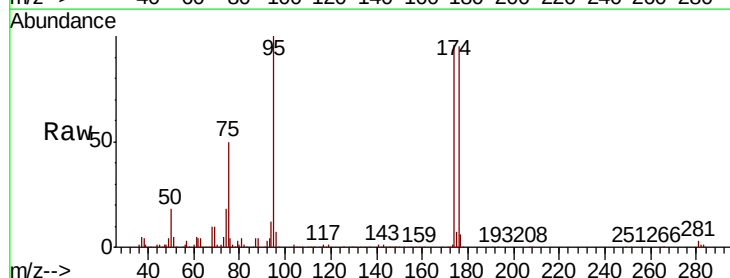
Tgt Ion: 95 Resp: 125533

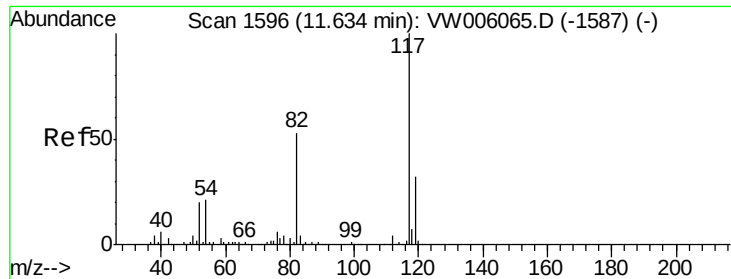
Ion Ratio Lower Upper

95 100

174 99.7 0.0 186.0

176 96.6 0.0 181.6

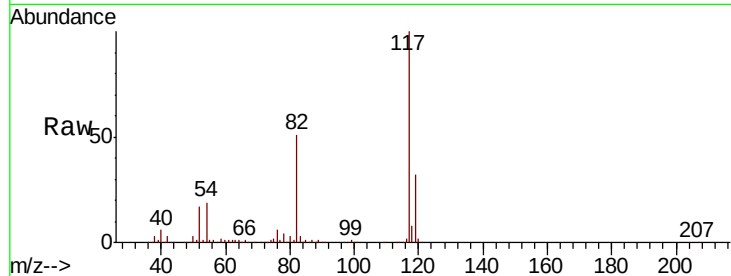




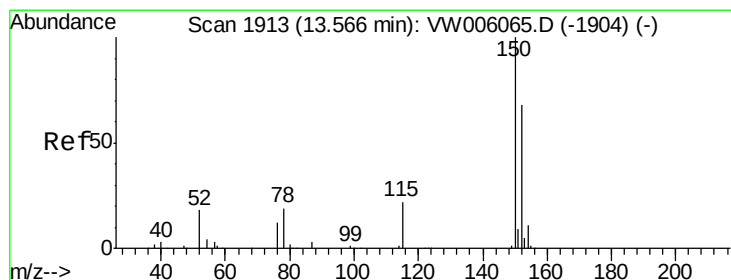
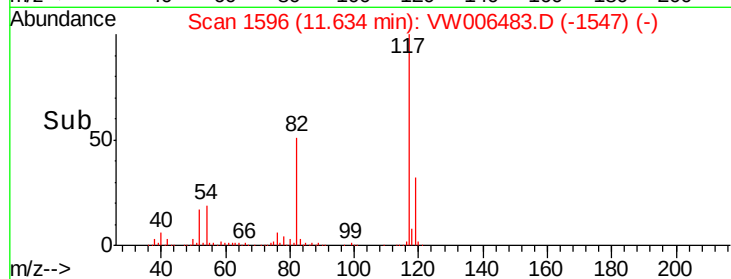
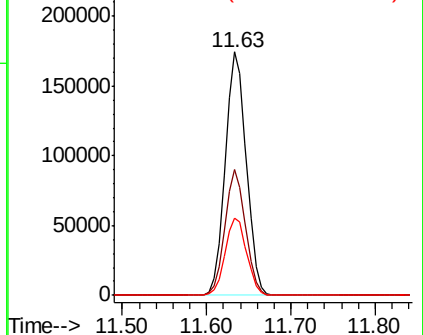
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006483.D
Acq: 30 Oct 2018 05:44

Instrument :
MSVOA_W
ClientSampleId :
BS-SOIL-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.1	63.1
119	31.8	25.8	38.6

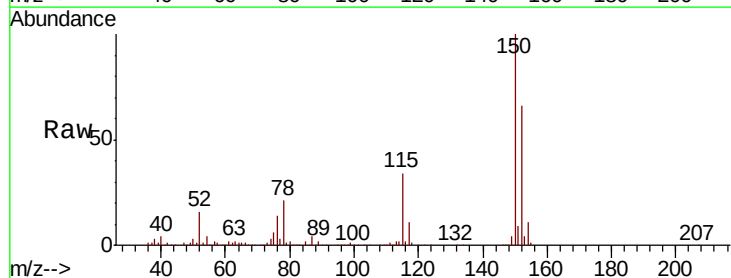


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

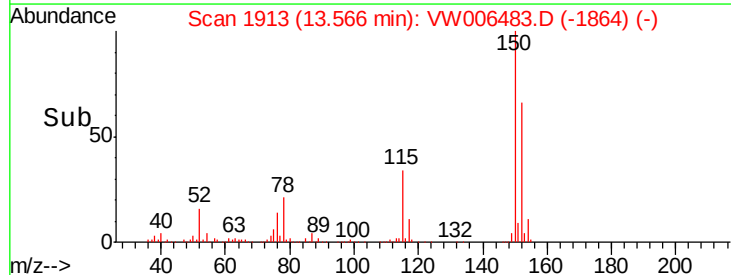
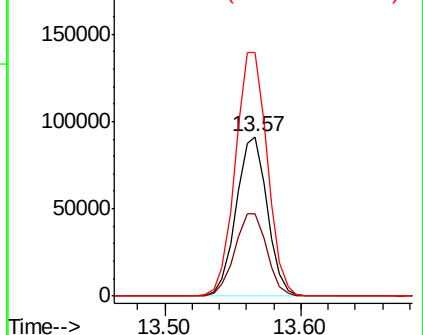


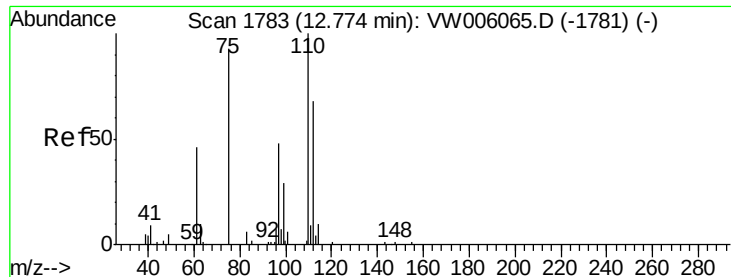
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006483.D
Acq: 30 Oct 2018 05:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.8	83.3
150	157.3	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: 56.718 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006483.D

Acq: 30 Oct 2018 05:44

Instrument :

MSVOA_W

ClientSampleId :

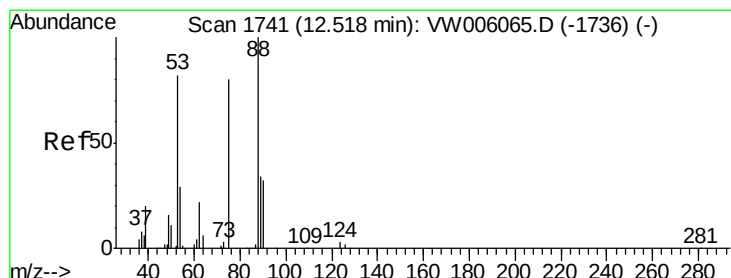
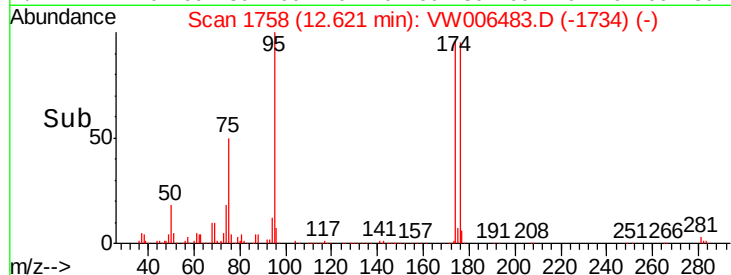
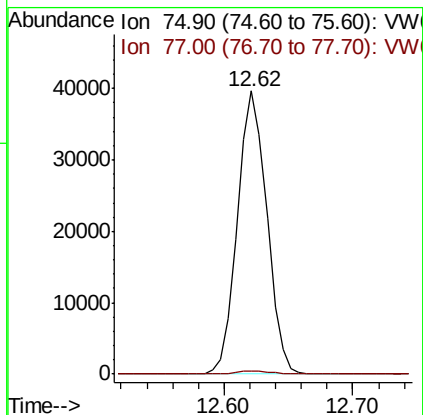
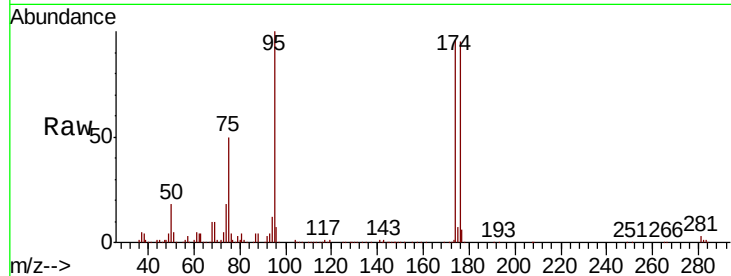
BS-SOIL-1

Tot Ion: 75 Resp: 62833

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.579 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006483.D

Acq: 30 Oct 2018 05:44

Tgt Ion: 75 Resp: 62833

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

