

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
 Data File : VX005366.D
 Acq On : 16 Oct 2018 14:09
 Operator : JC/MD
 Sample : J5524-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-SOIL-1

Quant Time: Oct 17 06:54:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

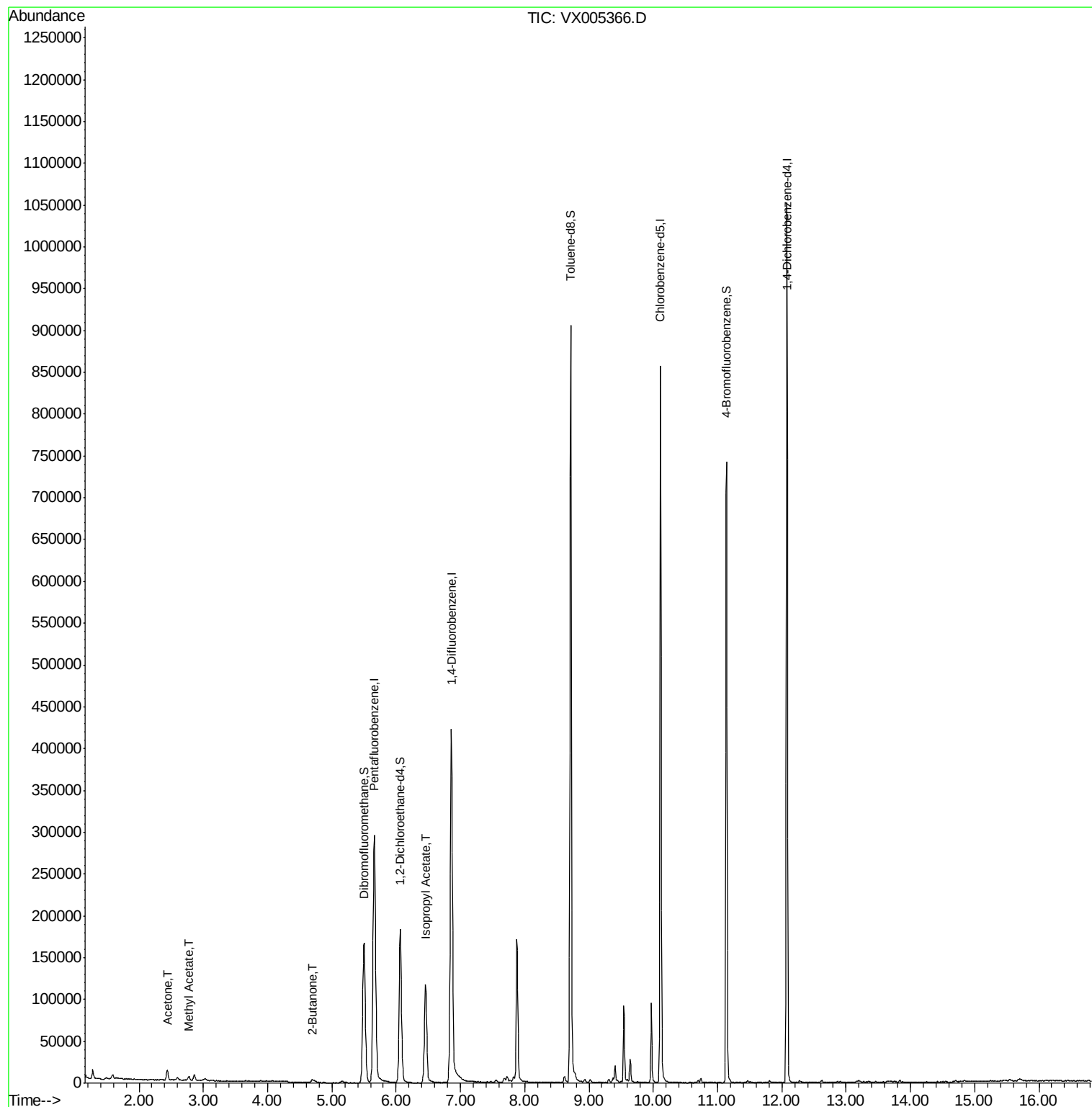
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	310609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	458844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	425814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	176278	51.14	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	5.49	113	142834	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	8.71	98	551052	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	11.14	95	193365	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
Target Compounds						
16) Acetone	2.43	43	13401	6.723	ug/l	97
18) Methyl Acetate	2.78	43	5896	1.040	ug/l	95
25) 2-Butanone	4.70	43	6114	2.097	ug/l	97
43) Isopropyl Acetate	6.46	43	167360	21.984	ug/l	97

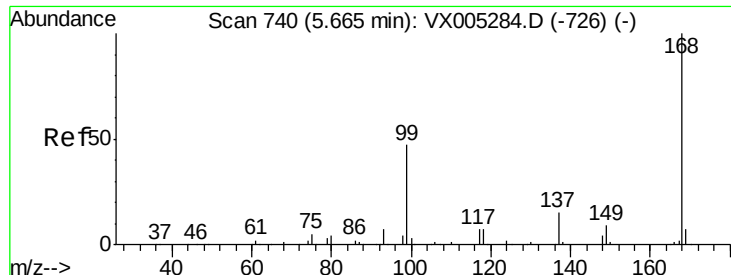
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005366.D

Acq: 16 Oct 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

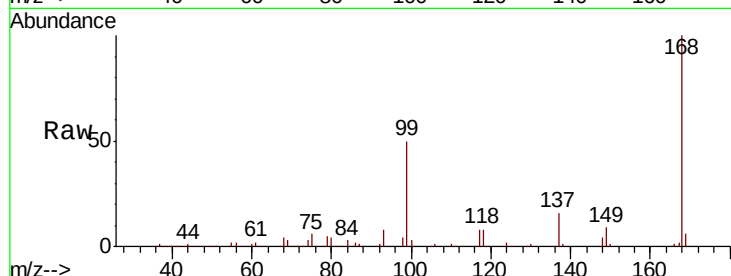
BS-SOIL-1

Tot Ion:168 Resp: 310609

Ion Ratio Lower Upper

168 100

99 50.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

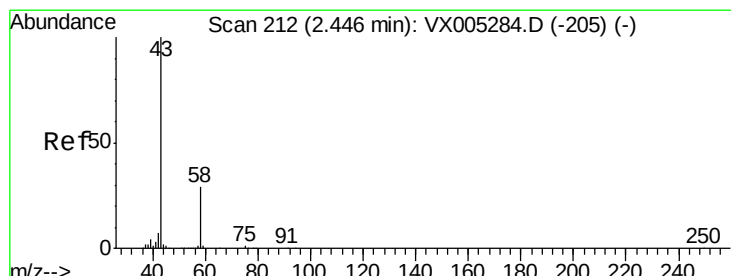
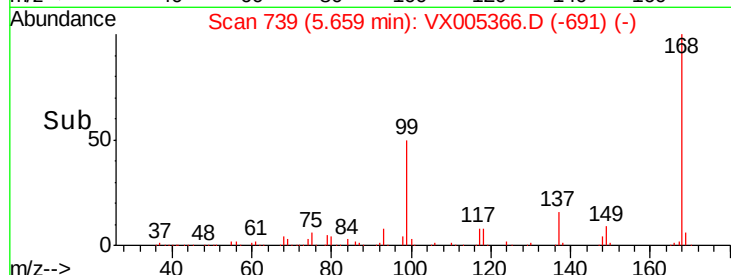
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.723 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX005366.D

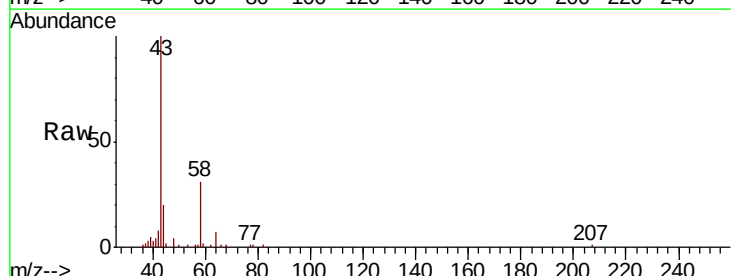
Acq: 16 Oct 2018 14:09

Tgt Ion: 43 Resp: 13401

Ion Ratio Lower Upper

43 100

58 31.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

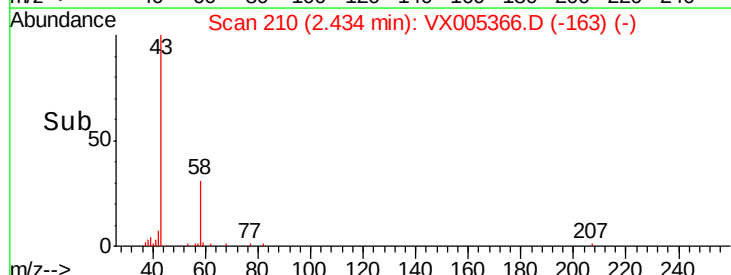
6000

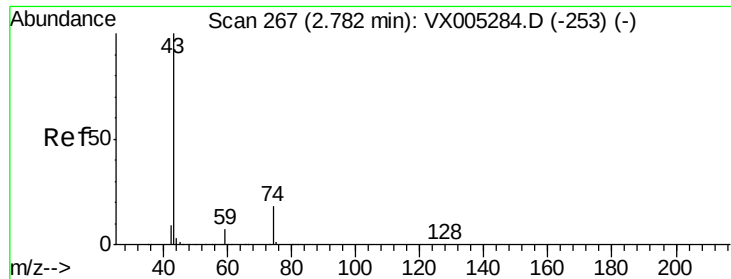
4000

2000

0

Time--> 2.30 2.40 2.50

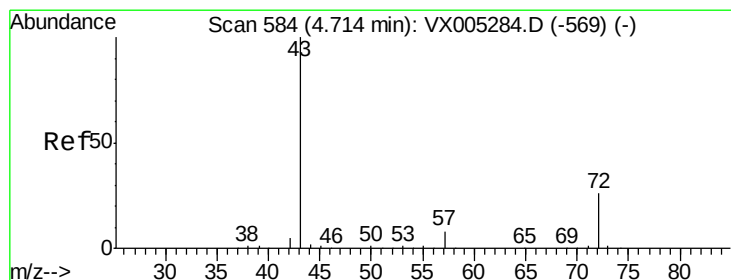
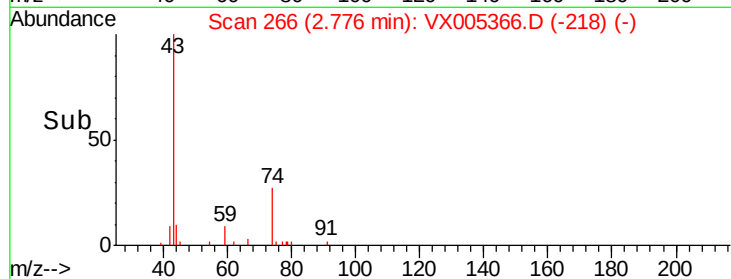
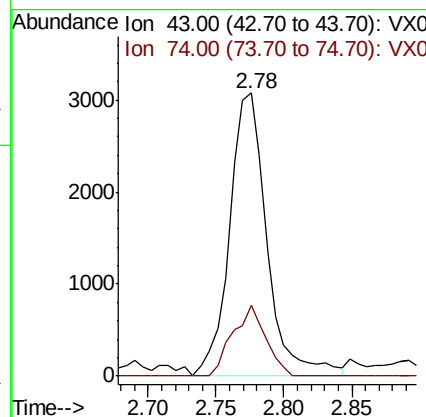
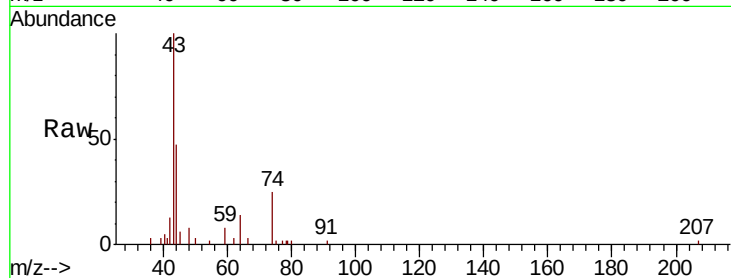




#18
Methyl Acetate
Concen: 1.040 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005366.D
Acq: 16 Oct 2018 14:09

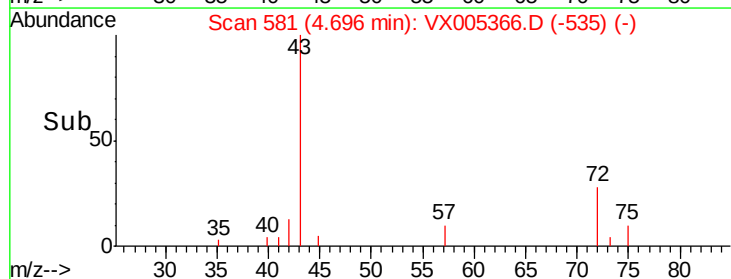
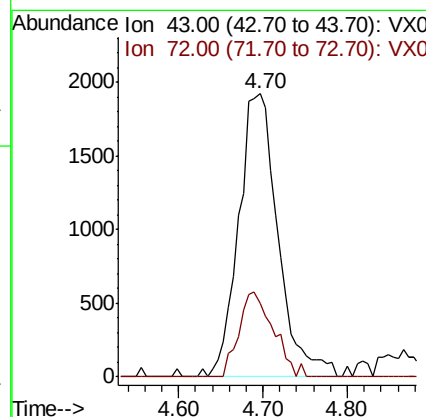
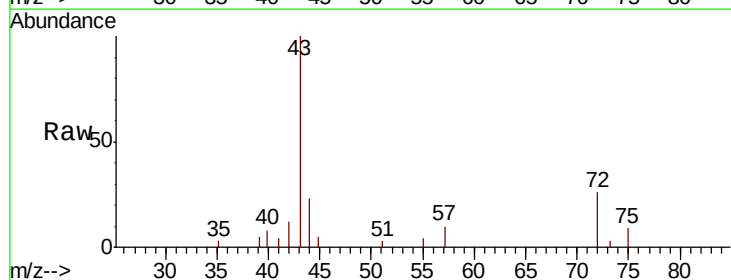
Instrument :
MSVOA_X
ClientSampled :
BS-SOIL-1

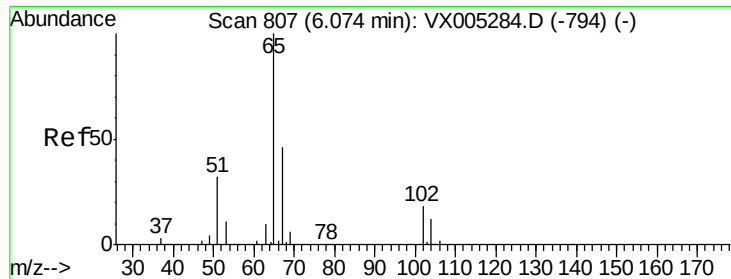
Tot Ion: 43 Resp: 5896
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2



#25
2-Butanone
Concen: 2.097 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.02 min
Lab File: VX005366.D
Acq: 16 Oct 2018 14:09

Tgt Ion: 43 Resp: 6114
Ion Ratio Lower Upper
43 100
72 25.9 22.0 33.0

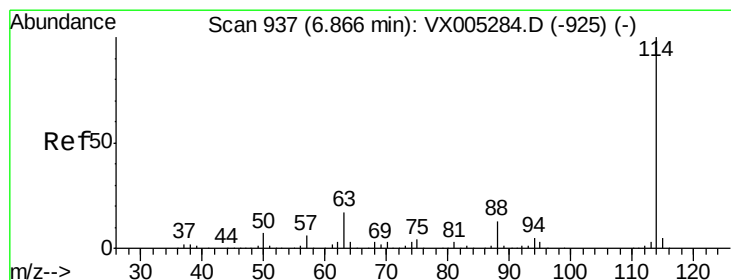
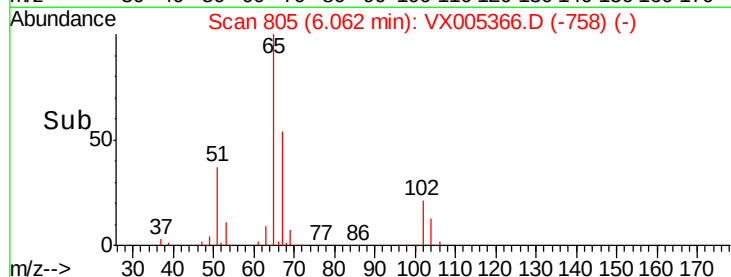
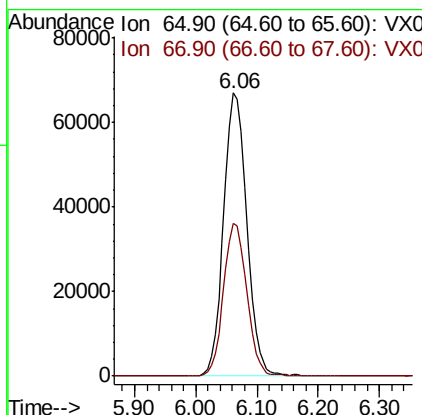
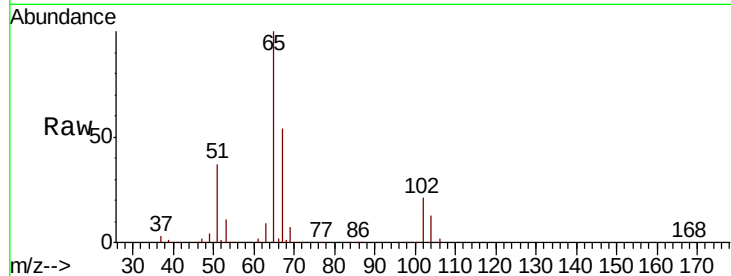




#33
 1,2-Dichloroethane-d4
 Concen: 51.135 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005366.D
 Acq: 16 Oct 2018 14:09

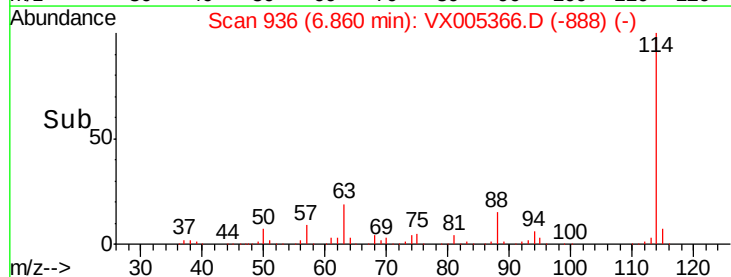
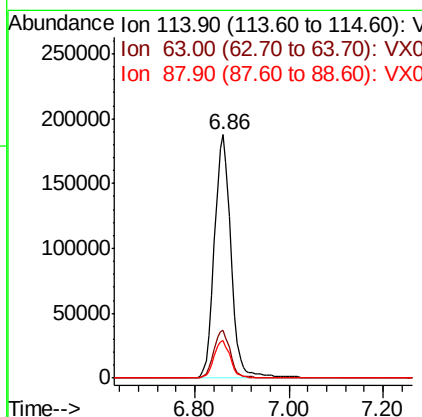
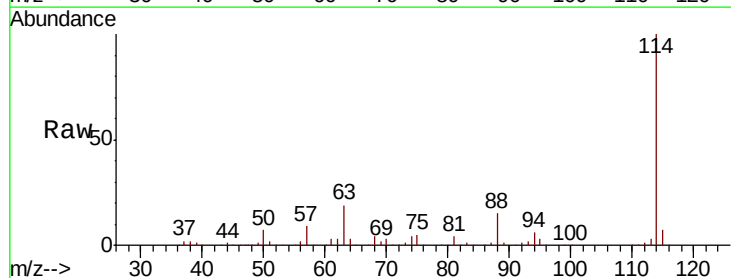
Instrument :
 MSVOA_X
 ClientSampleId :
 BS-SOIL-1

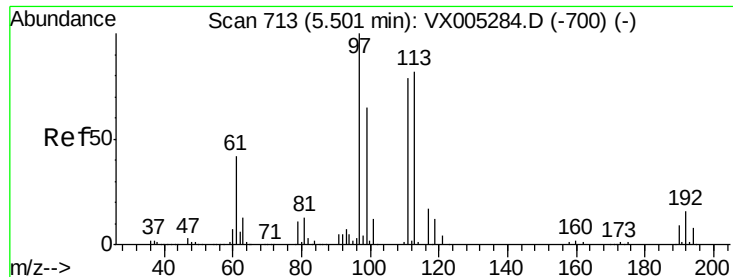
Tot Ion: 65 Resp: 176278
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005366.D
 Acq: 16 Oct 2018 14:09

Tgt Ion: 114 Resp: 458844
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.4 0.0 30.4

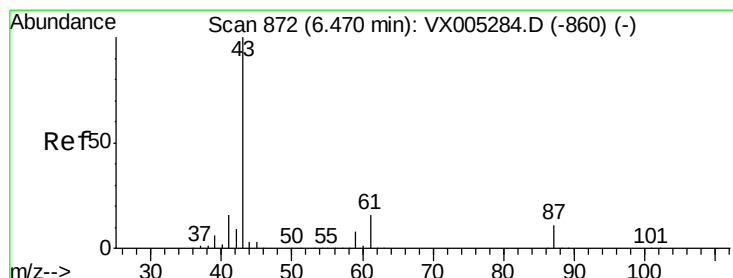
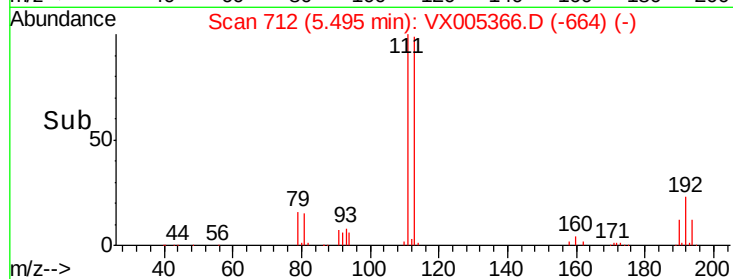
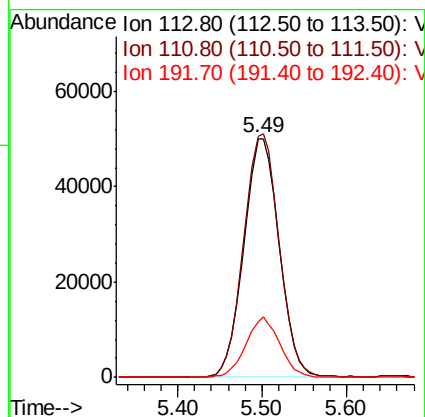
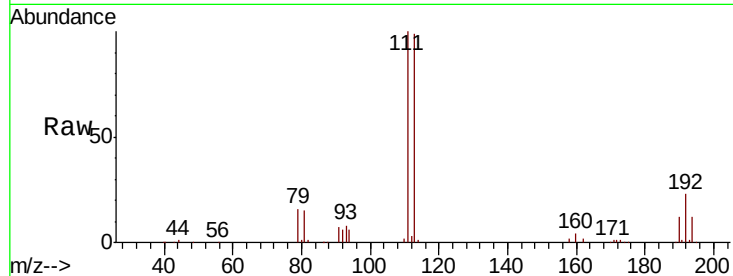




#35
 Dibromofluoromethane
 Concen: 47.000 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005366.D
 Acq: 16 Oct 2018 14:09

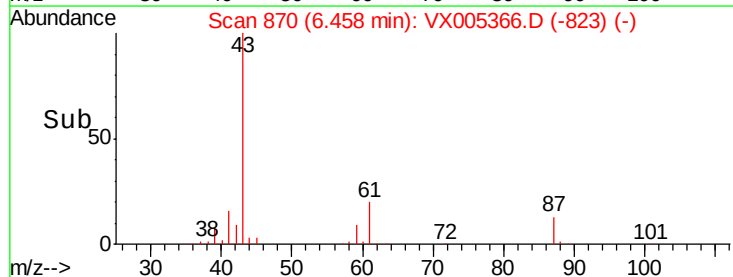
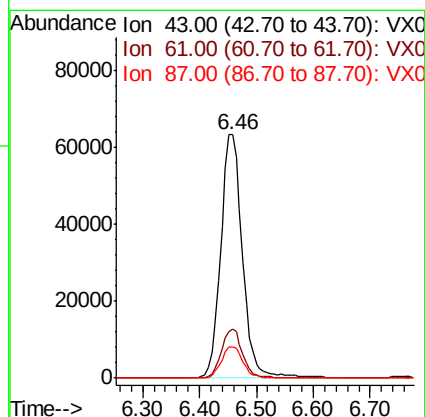
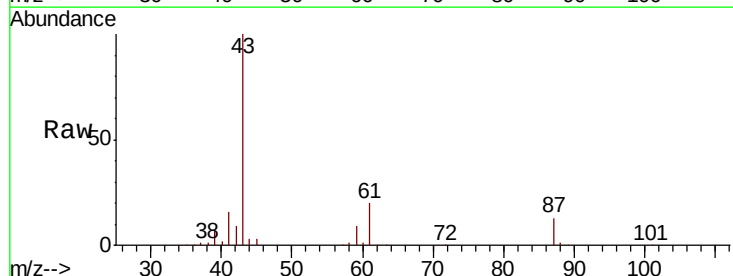
Instrument :
 MSVOA_X
 ClientSampleId :
 BS-SOIL-1

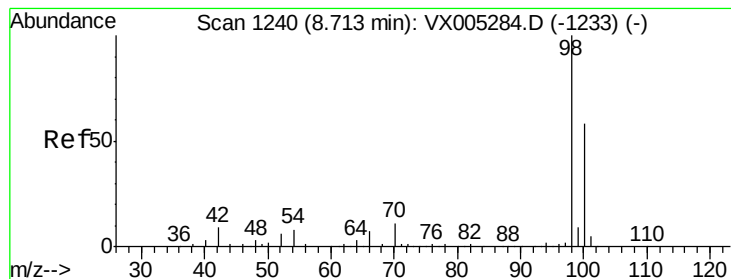
Tot Ion:113 Resp: 142834
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 24.1 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 21.984 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005366.D
 Acq: 16 Oct 2018 14:09

Tgt Ion: 43 Resp: 167360
 Ion Ratio Lower Upper
 43 100
 61 19.6 17.0 25.4
 87 12.9 11.4 17.2





#50

Toluene-d8

Concen: 52.817 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005366.D

Acq: 16 Oct 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

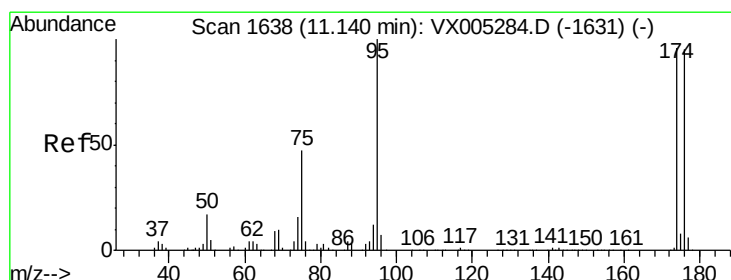
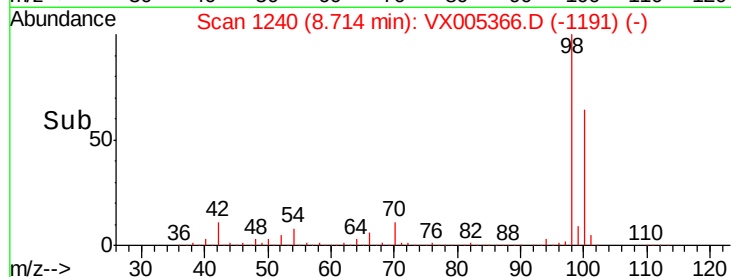
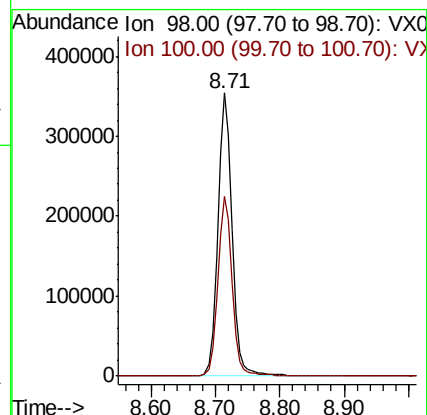
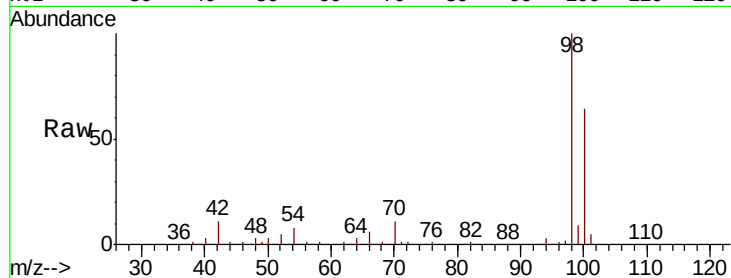
BS-SOIL-1

Tot Ion: 98 Resp: 551052

Ion Ratio Lower Upper

98 100

100 63.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 49.336 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005366.D

Acq: 16 Oct 2018 14:09

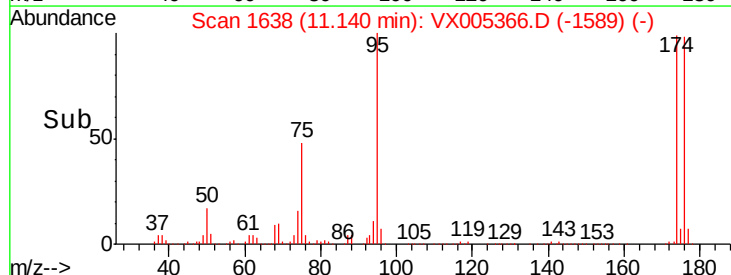
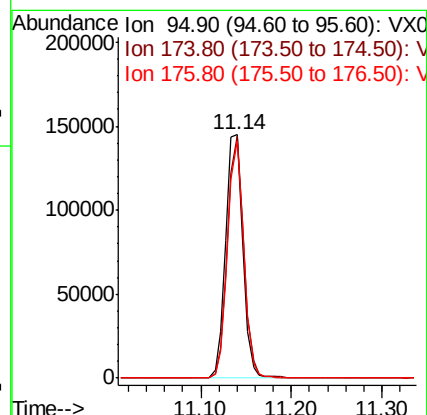
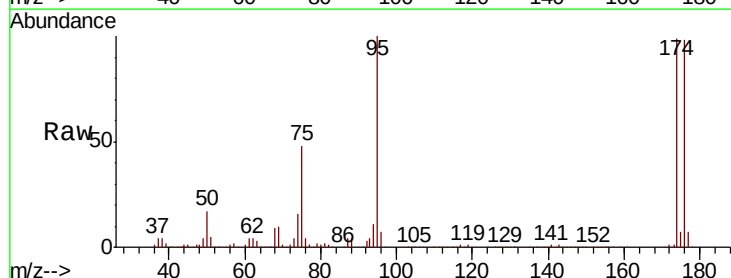
Tgt Ion: 95 Resp: 193365

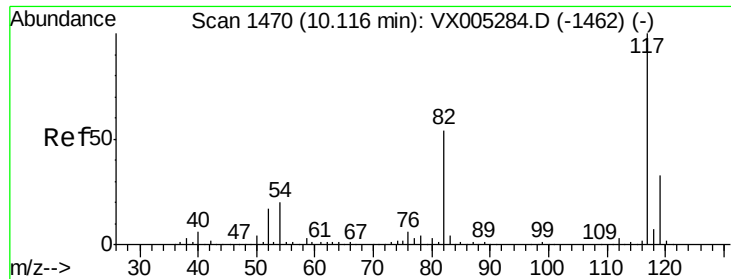
Ion Ratio Lower Upper

95 100

174 94.3 0.0 185.2

176 91.9 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005366.D

Acq: 16 Oct 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

BS-SOIL-1

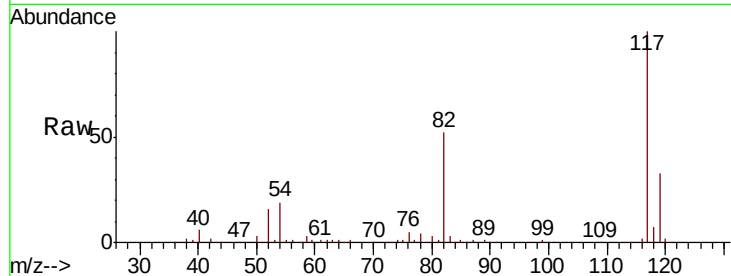
Tot Ion:117 Resp: 425814

Ion Ratio Lower Upper

117 100

82 51.8 47.8 71.6

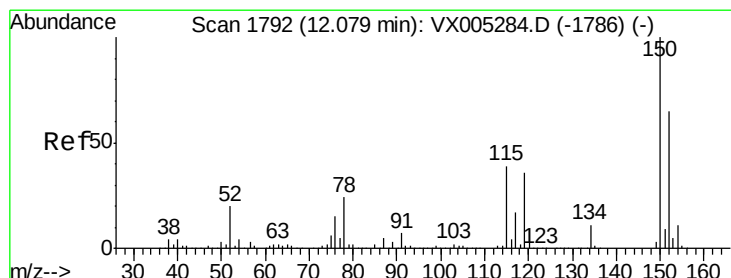
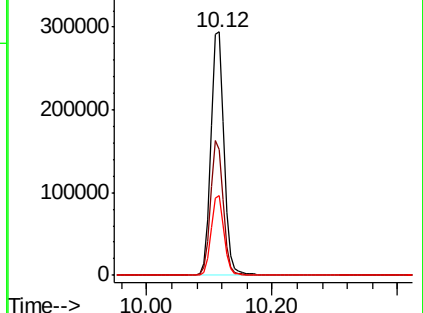
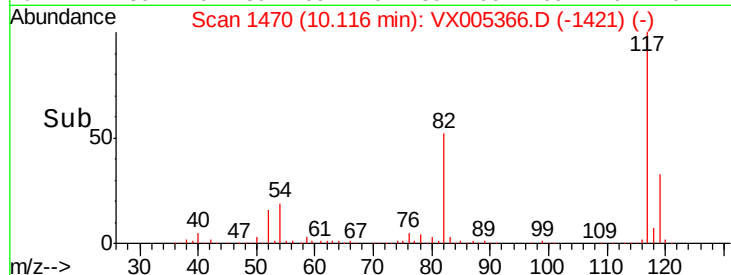
119 32.8 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005366.D

Acq: 16 Oct 2018 14:09

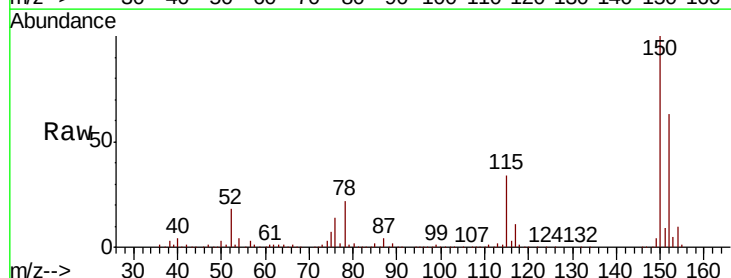
Tgt Ion:152 Resp: 219224

Ion Ratio Lower Upper

152 100

115 55.0 39.0 117.0

150 158.3 0.0 351.0



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

