

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
 Data File : VX005367.D
 Acq On : 16 Oct 2018 14:35
 Operator : JC/MD
 Sample : J5524-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-SOIL-2

Quant Time: Oct 17 06:56:22 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

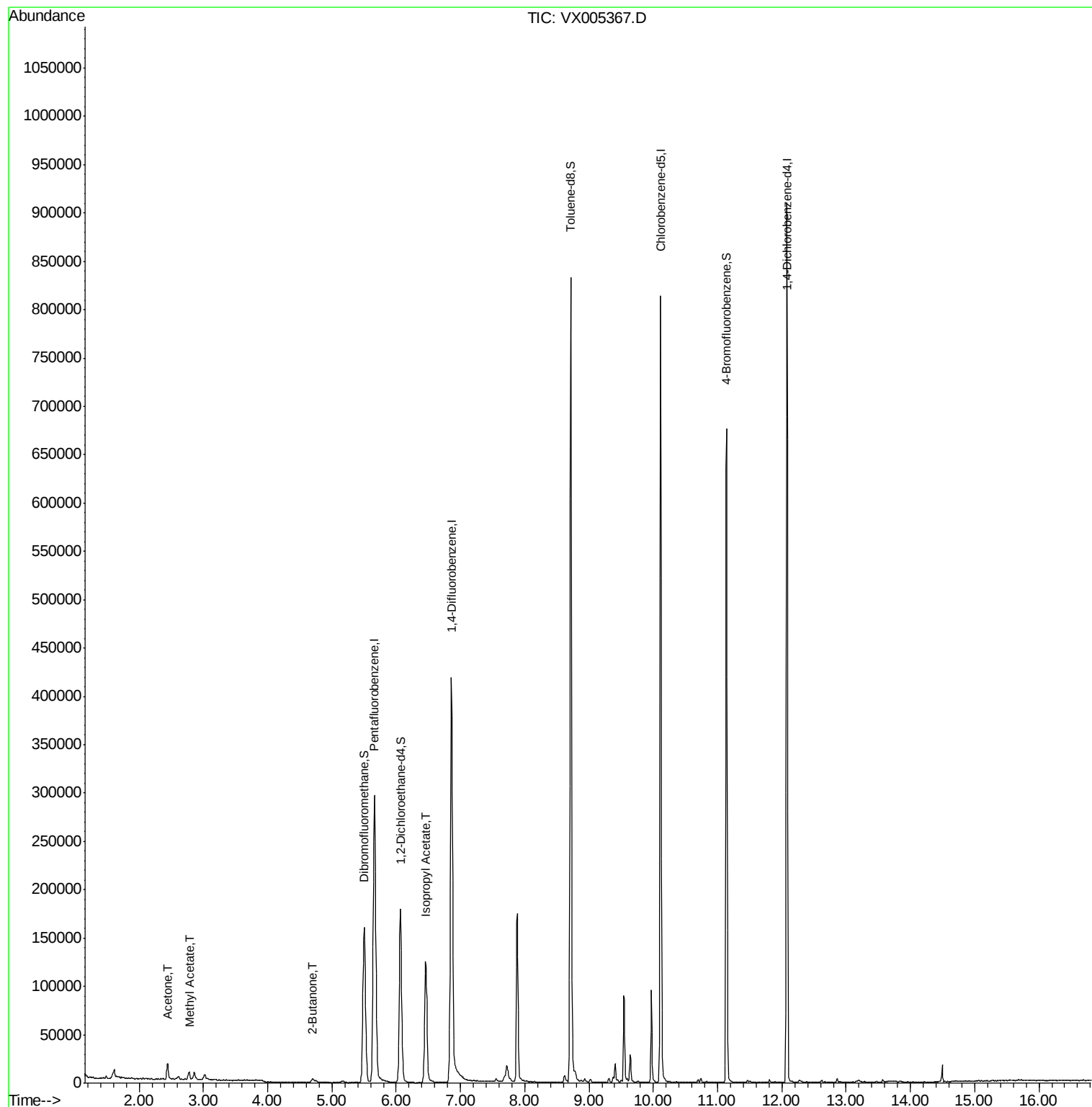
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	316241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170230	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	5.50	113	137499	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	8.71	98	521207	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.14	95	172038	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
16) Acetone	2.44	43	17109	8.431	ug/l	97
18) Methyl Acetate	2.78	43	10099	1.749	ug/l	93
25) 2-Butanone	4.70	43	6662	2.244	ug/l	91
43) Isopropyl Acetate	6.46	43	173984	23.942	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: VX005367.D

Acq: 16 Oct 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

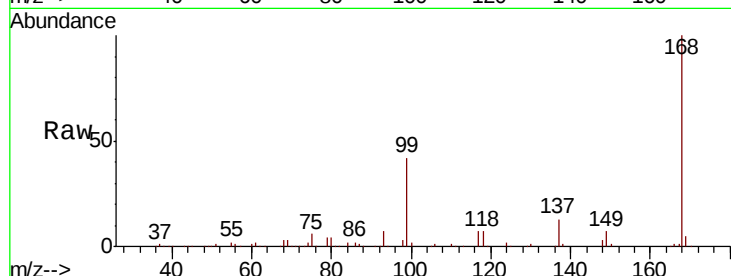
BS-SOIL-2

Tot Ion:168 Resp: 316241

Ion Ratio Lower Upper

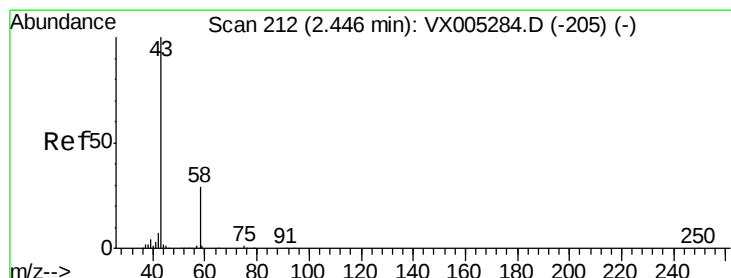
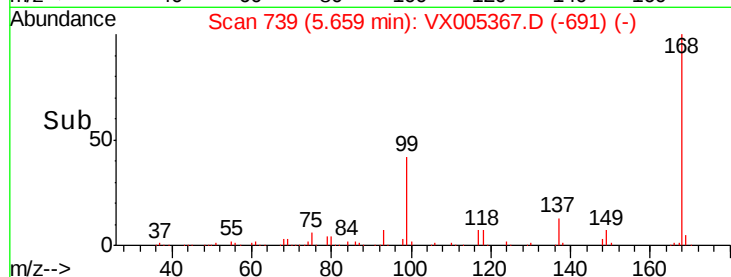
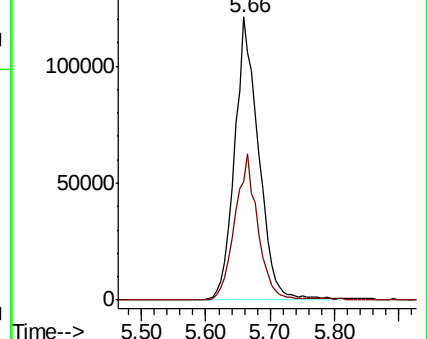
168 100

99 41.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.431 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005367.D

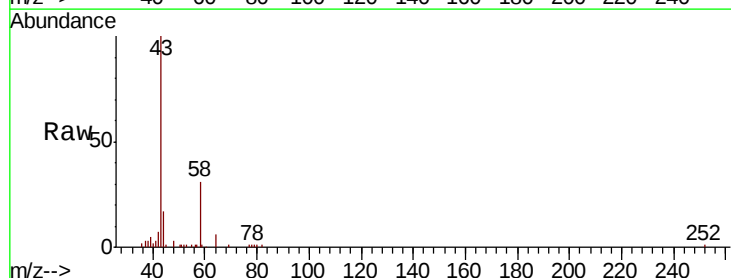
Acq: 16 Oct 2018 14:35

Tgt Ion: 43 Resp: 17109

Ion Ratio Lower Upper

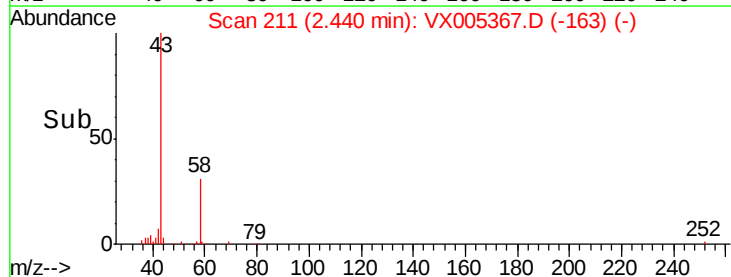
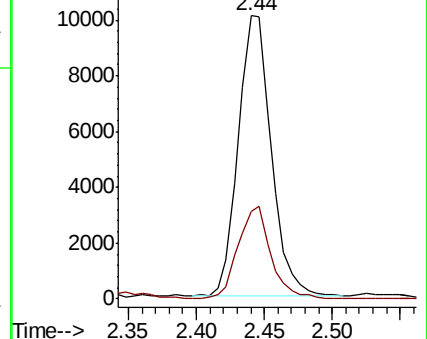
43 100

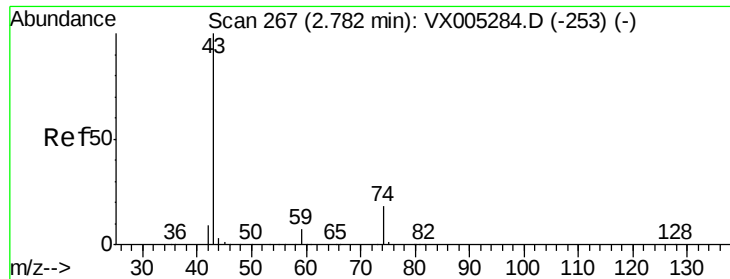
58 31.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

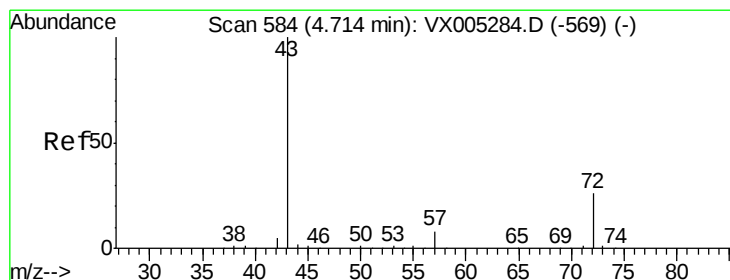
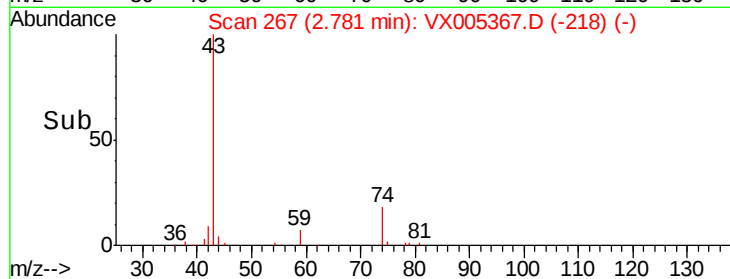
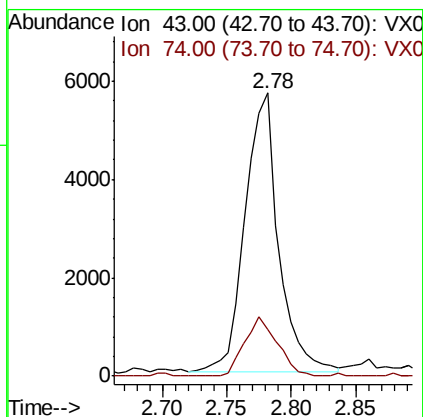
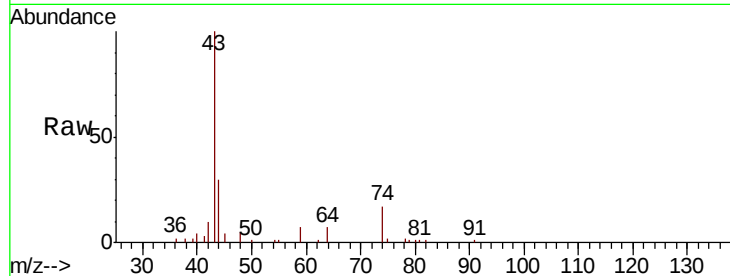




#18
Methvl Acetate
Concen: 1.749 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005367.D
Acq: 16 Oct 2018 14:35

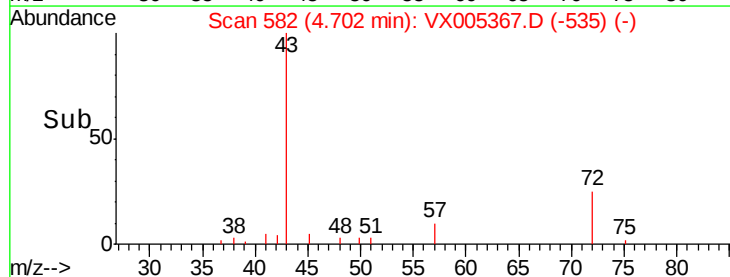
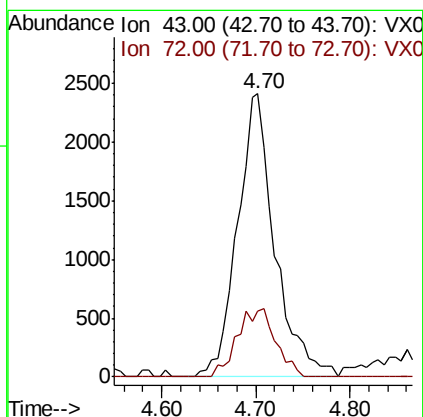
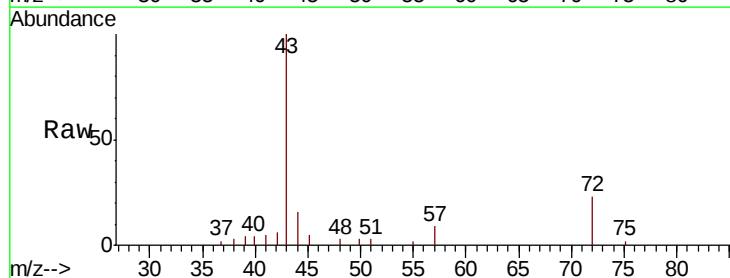
Instrument :
MSVOA_X
ClientSampleId :
BS-SOIL-2

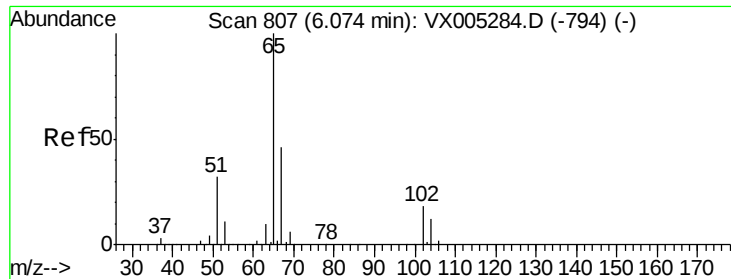
Tot Ion: 43 Resp: 10099
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2



#25
2-Butanone
Concen: 2.244 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005367.D
Acq: 16 Oct 2018 14:35

Tgt Ion: 43 Resp: 6662
Ion Ratio Lower Upper
43 100
72 23.1 22.0 33.0

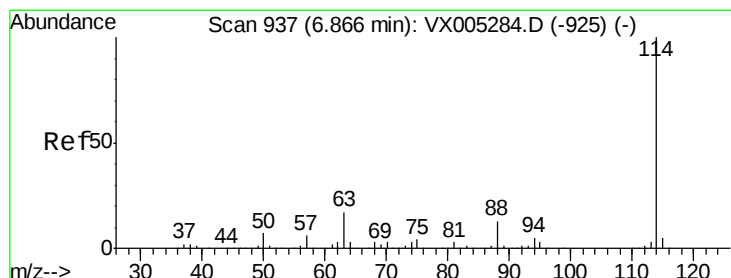
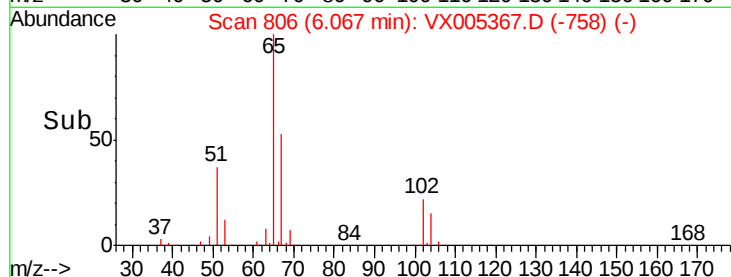
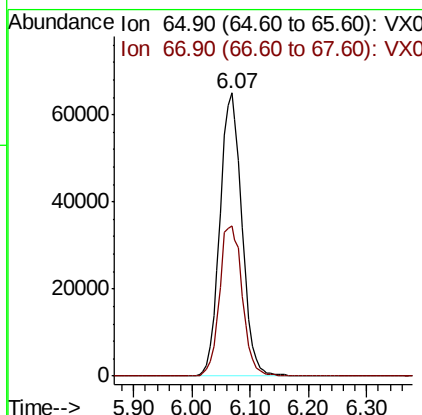
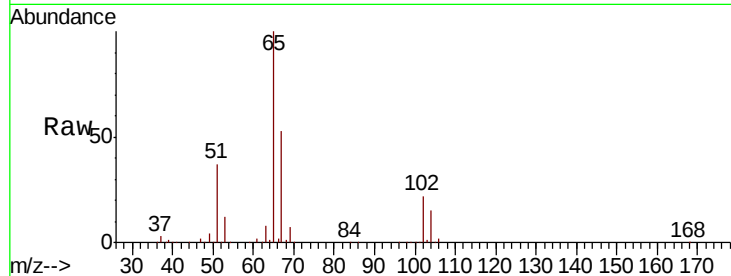




#33
 1,2-Dichloroethane-d4
 Concen: 48.501 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005367.D
 Acq: 16 Oct 2018 14:35

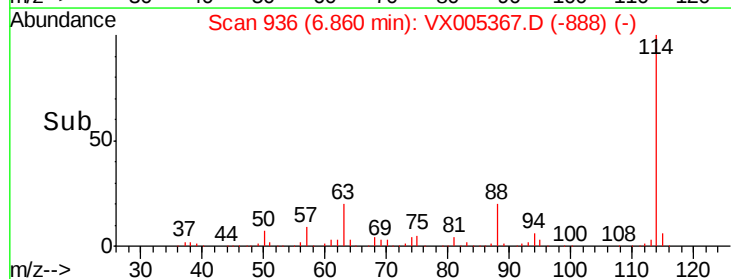
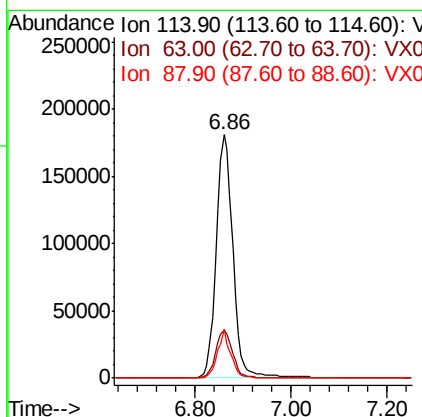
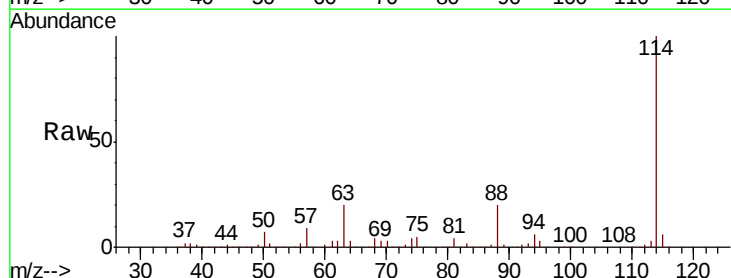
Instrument :
 MSVOA_X
 ClientSampleId :
 BS-SOIL-2

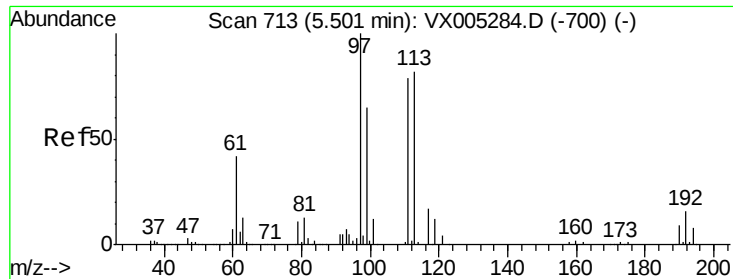
Tot Ion: 65 Resp: 170230
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005367.D
 Acq: 16 Oct 2018 14:35

Tgt Ion: 114 Resp: 437999
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 20.0 0.0 30.4

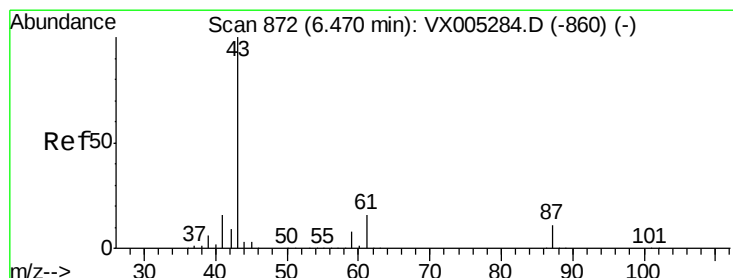
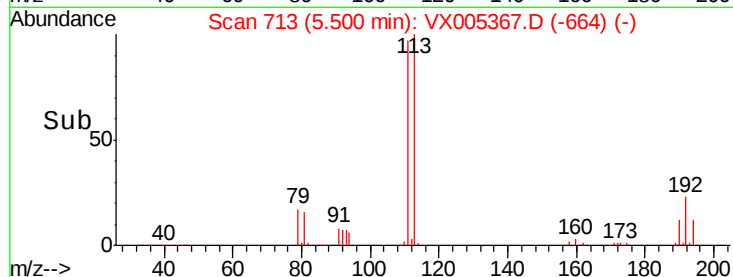
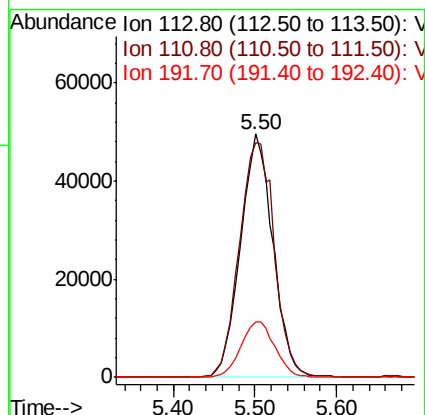
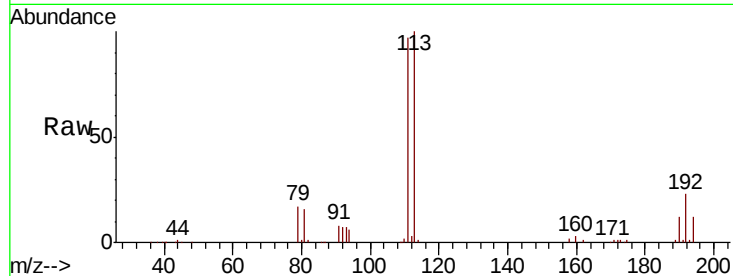




#35
 Dibromofluoromethane
 Concen: 47.397 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005367.D
 Acq: 16 Oct 2018 14:35

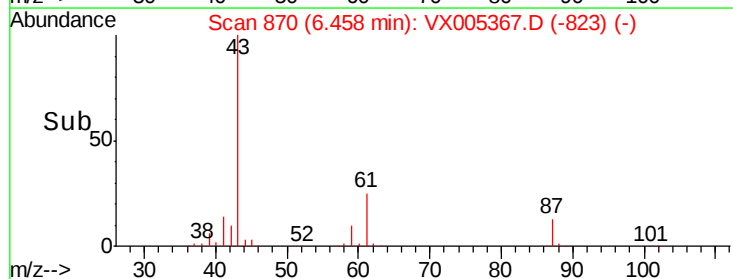
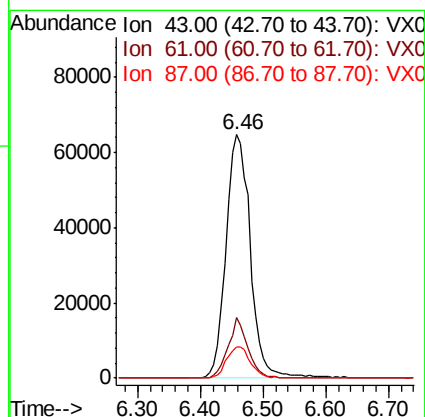
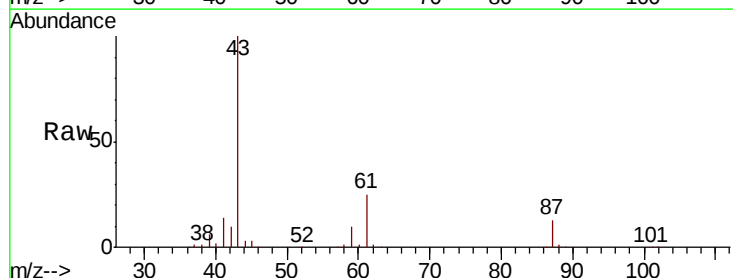
Instrument :
 MSVOA_X
 ClientSampleId :
 BS-SOIL-2

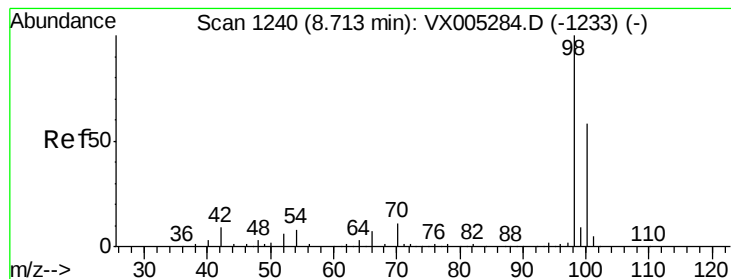
Tot Ion:113 Resp: 137499
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.4 123.6
 192 23.9 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 23.942 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005367.D
 Acq: 16 Oct 2018 14:35

Tgt Ion: 43 Resp: 173984
 Ion Ratio Lower Upper
 43 100
 61 20.1 17.0 25.4
 87 12.6 11.4 17.2





#50

Toluene-d8

Concen: 52.334 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005367.D

Acq: 16 Oct 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

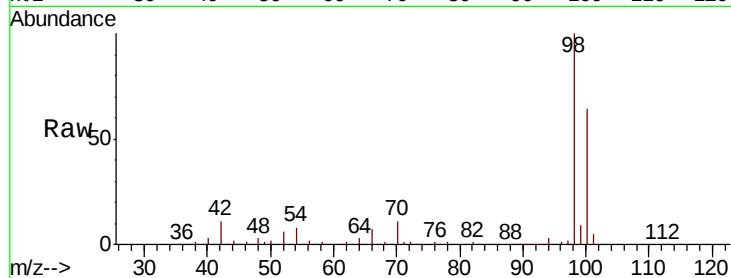
BS-SOIL-2

Tot Ion: 98 Resp: 521207

Ion Ratio Lower Upper

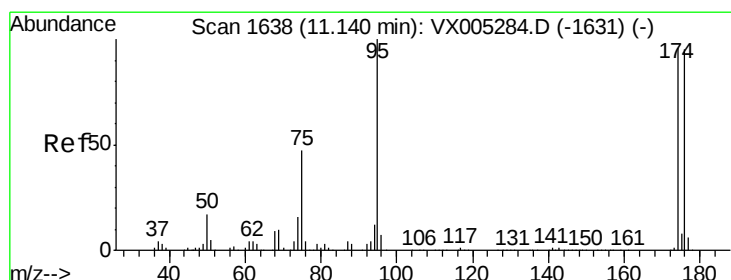
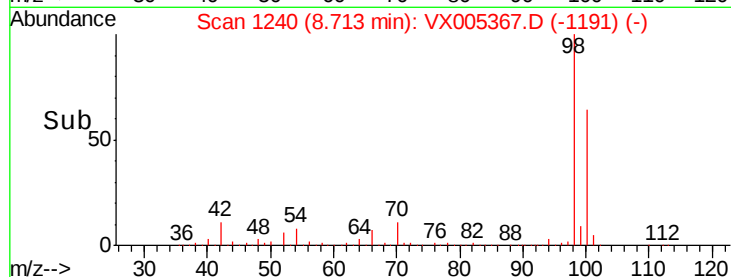
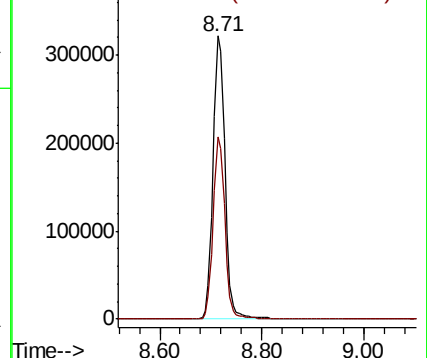
98 100

100 63.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.983 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005367.D

Acq: 16 Oct 2018 14:35

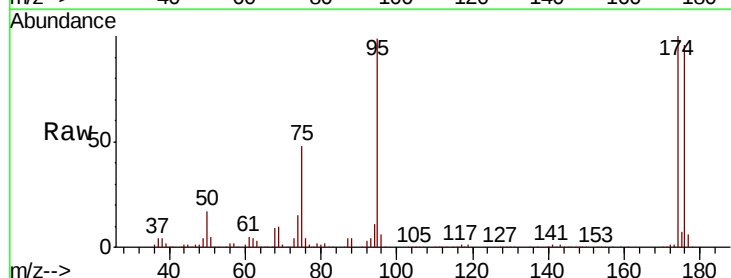
Tgt Ion: 95 Resp: 172038

Ion Ratio Lower Upper

95 100

174 96.6 0.0 185.2

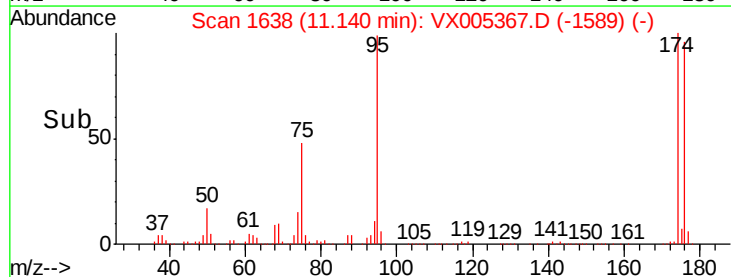
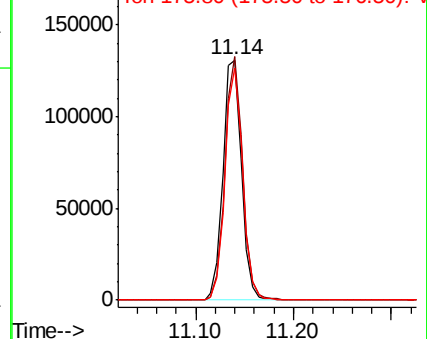
176 92.3 0.0 178.6

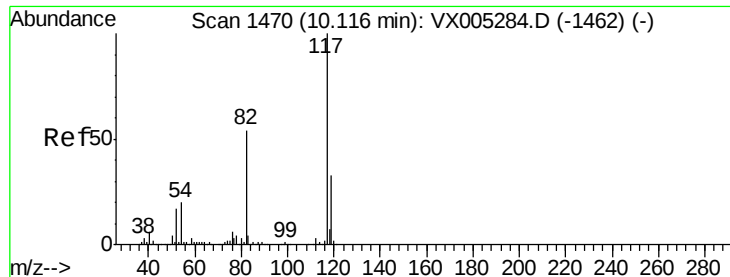


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

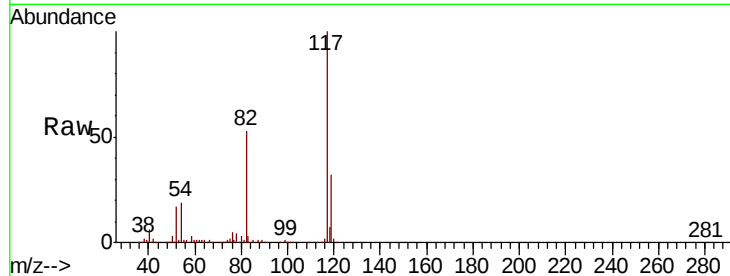




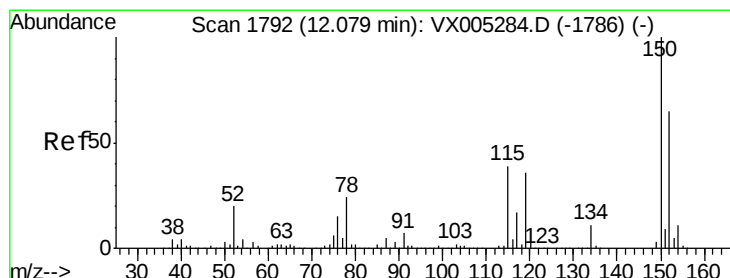
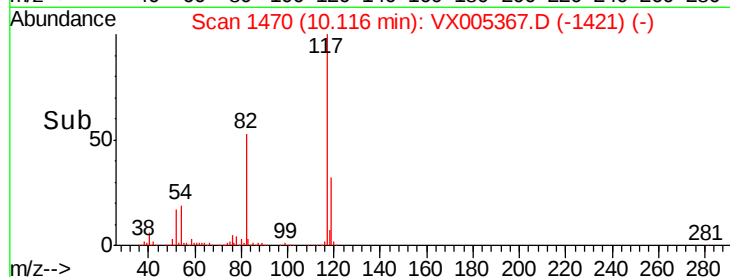
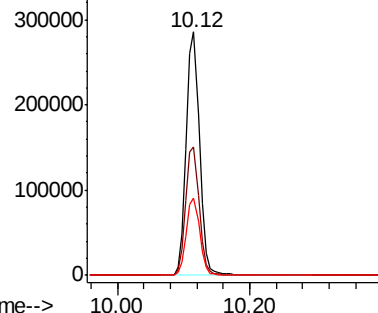
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005367.D
Acq: 16 Oct 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
BS-SOIL-2

Tot Ion:117 Resp: 394463
Ion Ratio Lower Upper
117 100
82 52.8 47.8 71.6
119 31.6 29.3 43.9

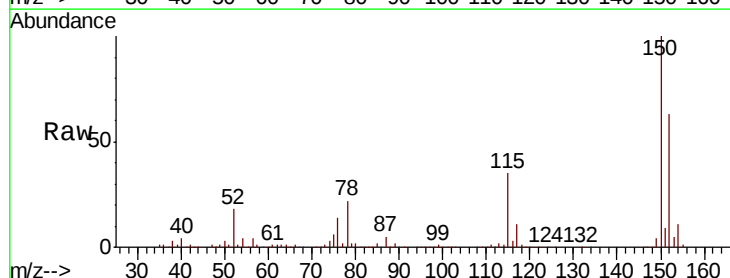


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005367.D
Acq: 16 Oct 2018 14:35

Tgt Ion:152 Resp: 193178
Ion Ratio Lower Upper
152 100
115 54.4 39.0 117.0
150 156.6 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

