

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005578.D
 Acq On : 25 Oct 2018 08:30
 Operator : JC/MD
 Sample : J5639-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-SOIL-3

Quant Time: Oct 26 13:24:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

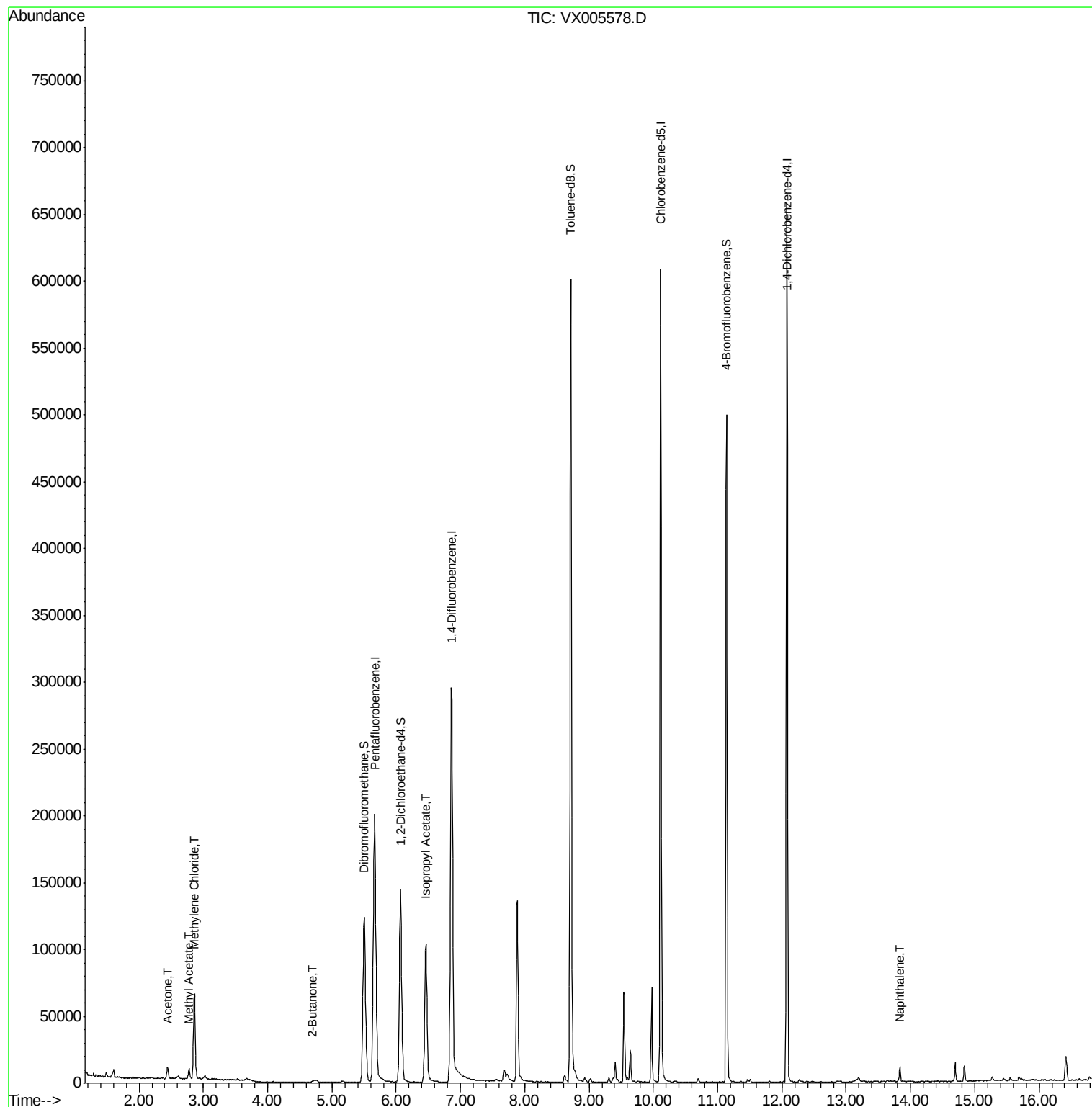
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135632	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	5.50	113	104331	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.71	98	375022	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	123668	43.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.18%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	9071	6.946	ug/l	99
18) Methyl Acetate	2.78	43	8589	1.237	ug/l	100
20) Methylene Chloride	2.86	84	29266	13.380	ug/l	96
25) 2-Butanone	4.70	43	1834	0.922	ug/l #	74
43) Isopropyl Acetate	6.46	43	139535	24.354	ug/l	99
95) Naphthalene	13.83	128	6486	0.711	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005578.D

Acq: 25 Oct 2018 08:30

Instrument :

MSVOA_X

ClientSampleId :

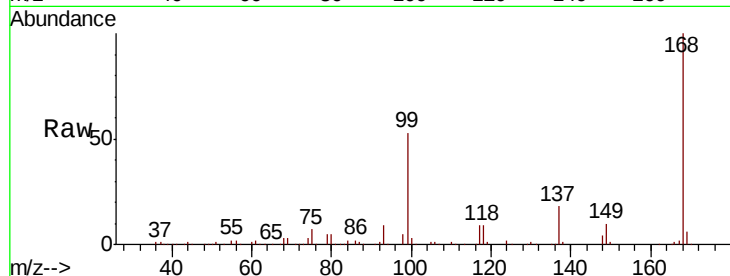
BS-SOIL-3

Tot Ion:168 Resp: 202467

Ion Ratio Lower Upper

168 100

99 52.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

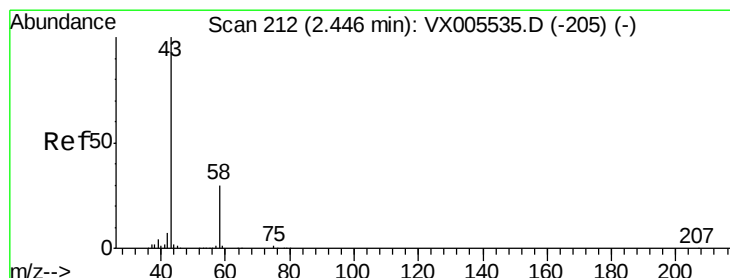
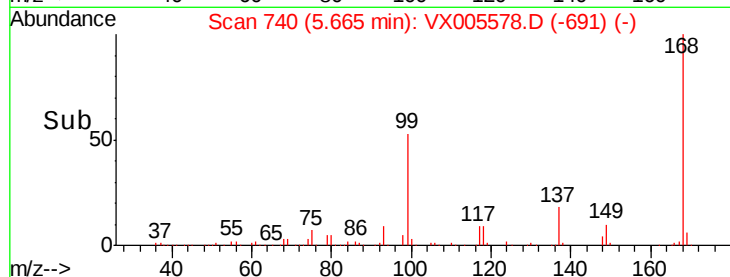
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.946 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005578.D

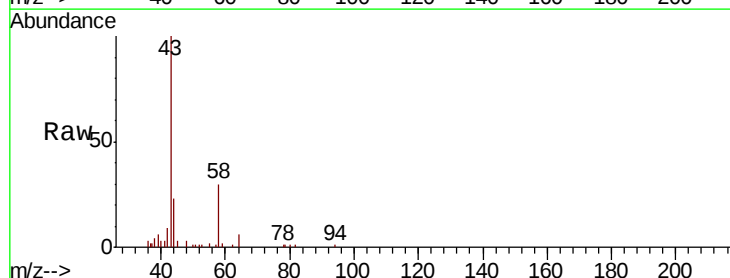
Acq: 25 Oct 2018 08:30

Tgt Ion: 43 Resp: 9071

Ion Ratio Lower Upper

43 100

58 30.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

6000

5000

4000

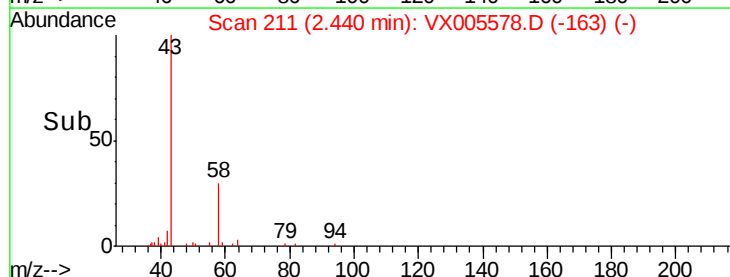
3000

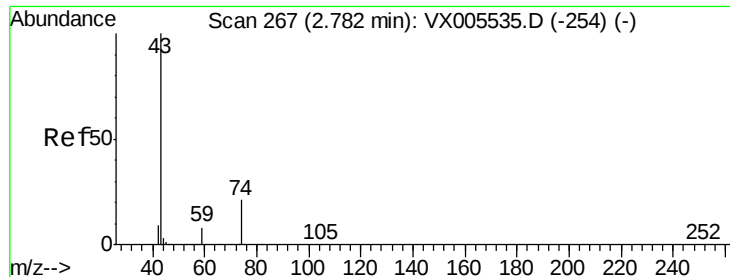
2000

1000

0

Time--> 2.40 2.45 2.50 2.55

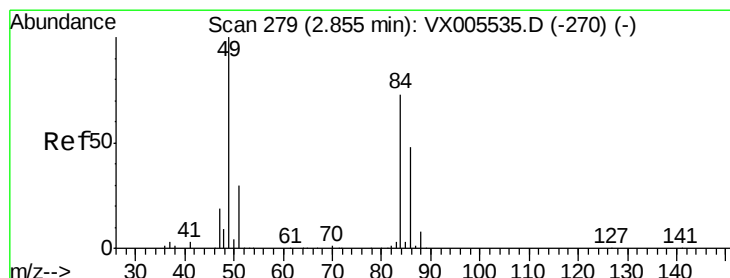
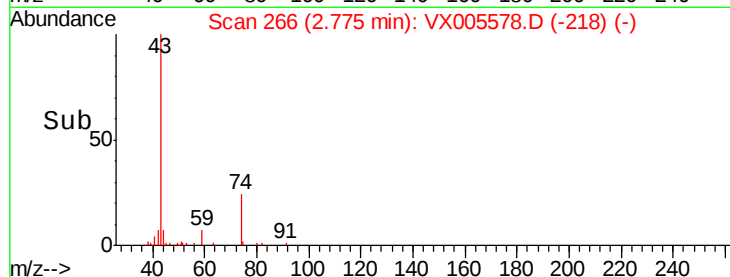
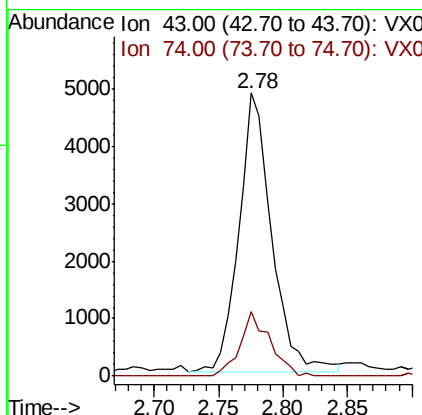
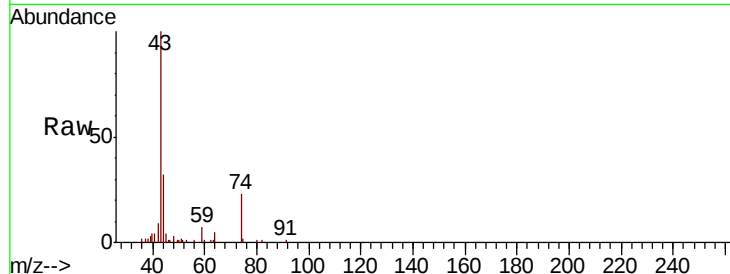




#18
Methvl Acetate
Concen: 1.237 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005578.D
Acq: 25 Oct 2018 08:30

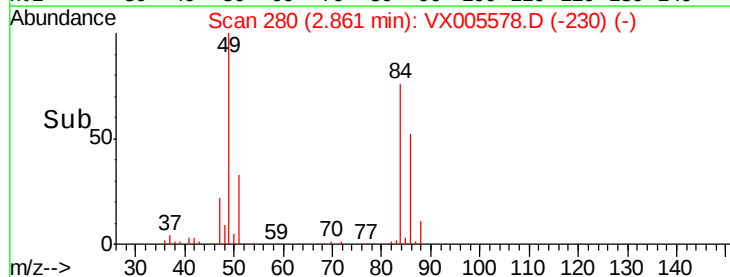
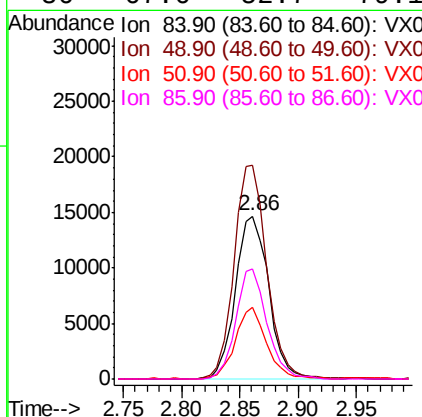
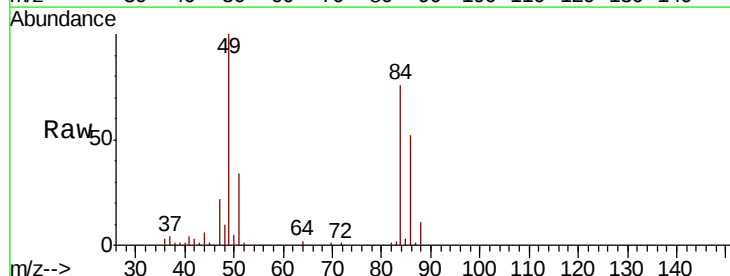
Instrument :
MSVOA_X
ClientSampled :
BS-SOIL-3

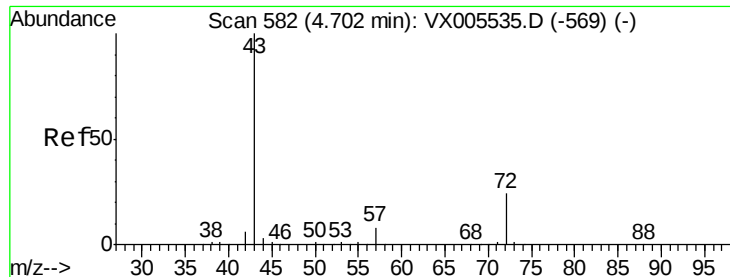
Tot Ion: 43 Resp: 8589
Ion Ratio Lower Upper
43 100
74 21.0 16.8 25.2



#20
Methylene Chloride
Concen: 13.380 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005578.D
Acq: 25 Oct 2018 08:30

Tgt Ion: 84 Resp: 29266
Ion Ratio Lower Upper
84 100
49 130.9 109.5 164.3
51 43.8 33.3 49.9
86 67.6 52.7 79.1





#25

2-Butanone

Concen: 0.922 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005578.D

Acq: 25 Oct 2018 08:30

Instrument :

MSVOA_X

ClientSampled :

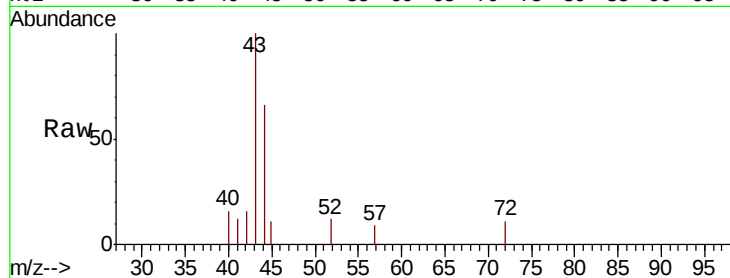
BS-SOIL-3

Tot Ion: 43 Resp: 1834

Ion Ratio Lower Upper

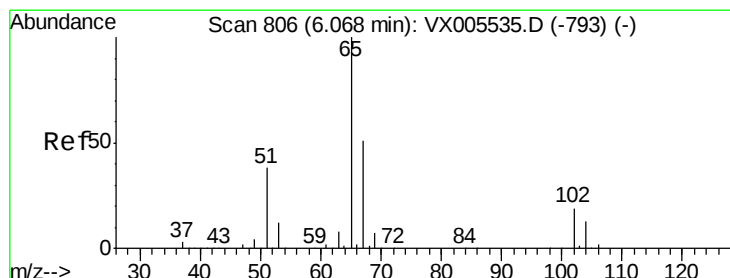
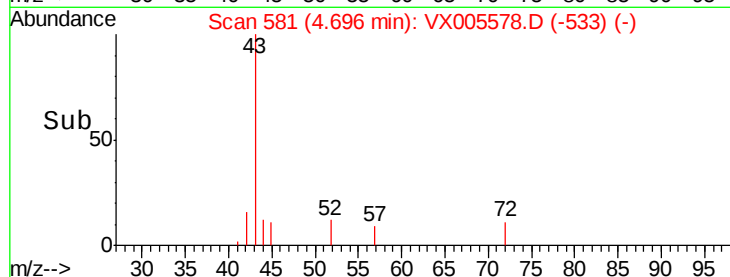
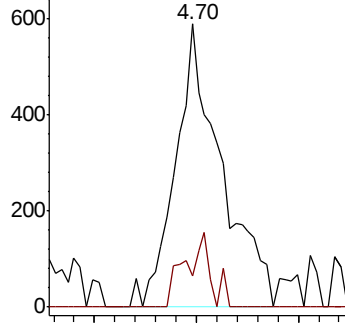
43 100

72 11.2 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.878 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005578.D

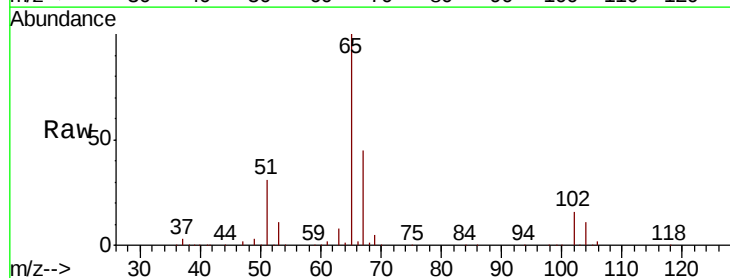
Acq: 25 Oct 2018 08:30

Tgt Ion: 65 Resp: 135632

Ion Ratio Lower Upper

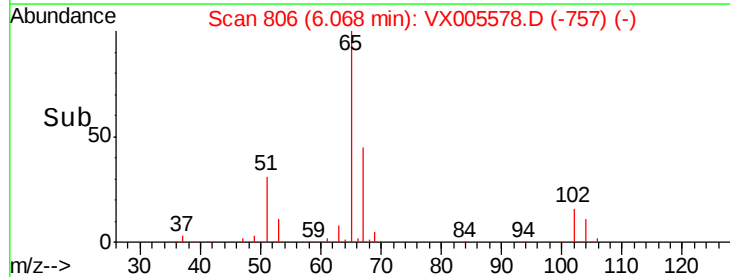
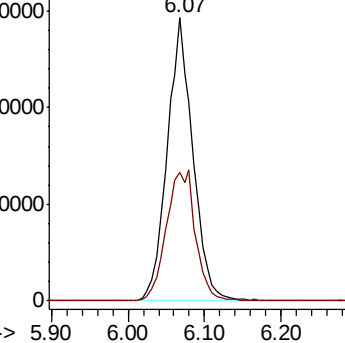
65 100

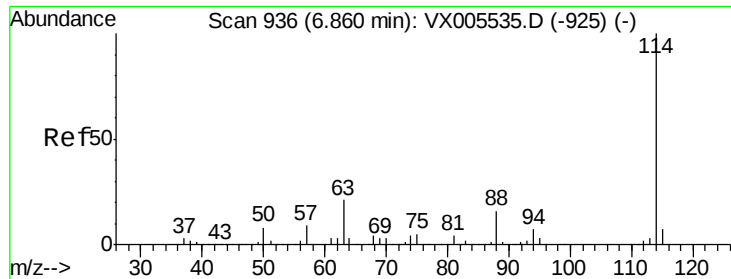
67 52.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

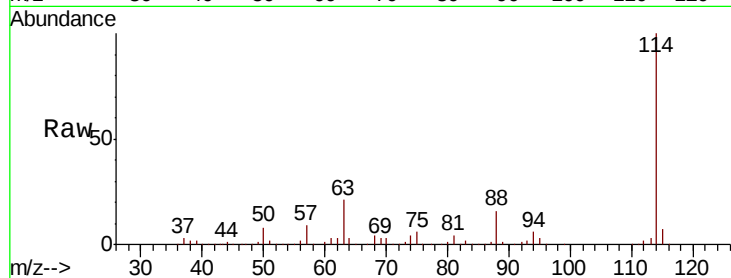




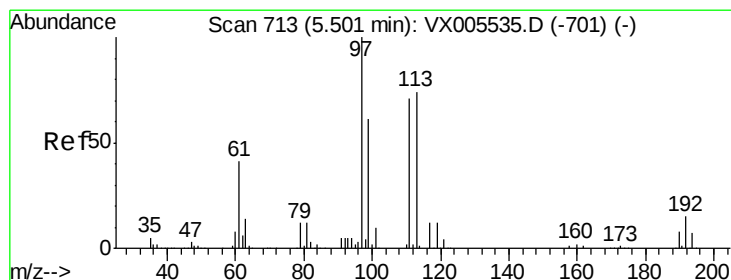
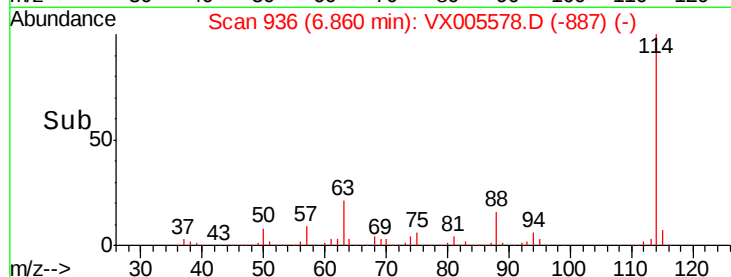
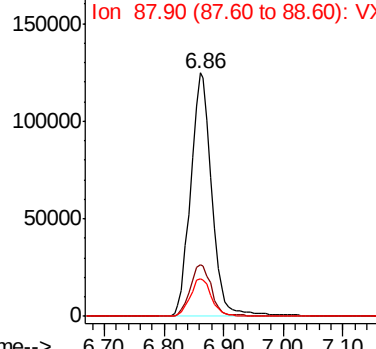
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005578.D
Acq: 25 Oct 2018 08:30

Instrument :
MSVOA_X
ClientSampleId :
BS-SOIL-3

Tot Ion:114 Resp: 308749
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.8
88 15.5 0.0 31.2

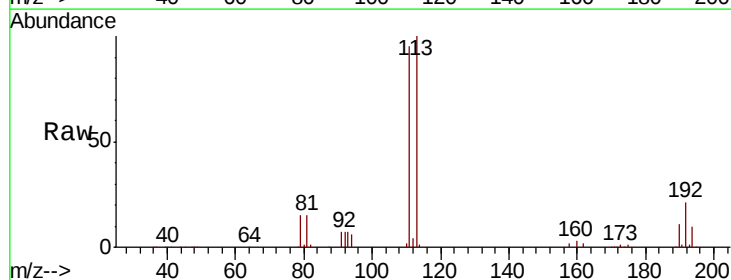


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

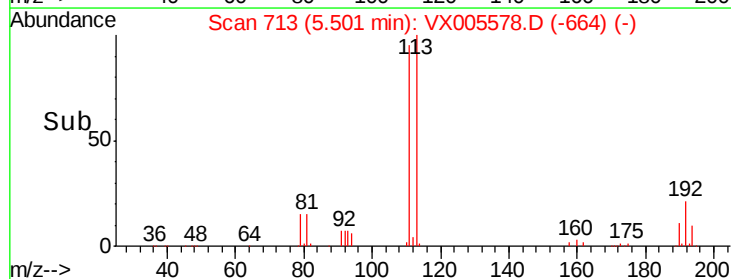
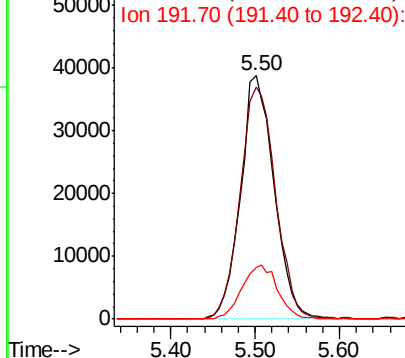


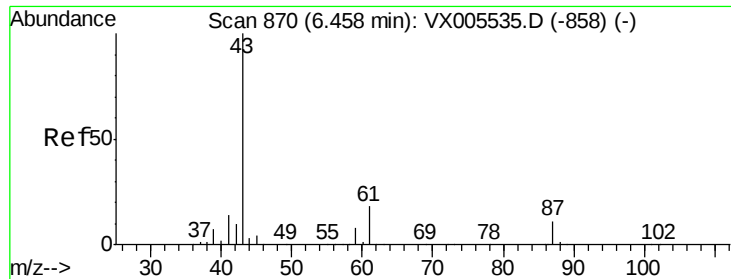
#35
Dibromofluoromethane
Concen: 49.905 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005578.D
Acq: 25 Oct 2018 08:30

Tgt Ion:113 Resp: 104331
Ion Ratio Lower Upper
113 100
111 101.0 82.3 123.5
192 23.7 17.9 26.9



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



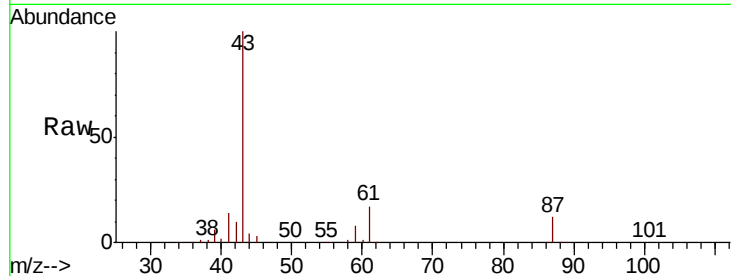


#43

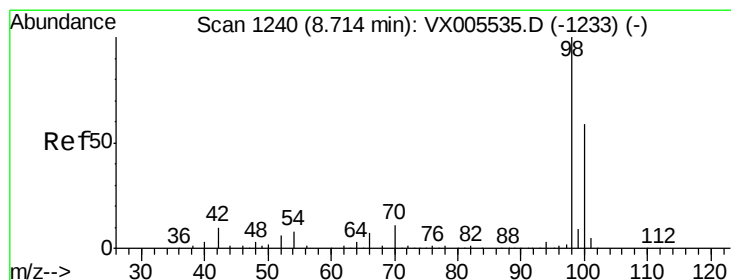
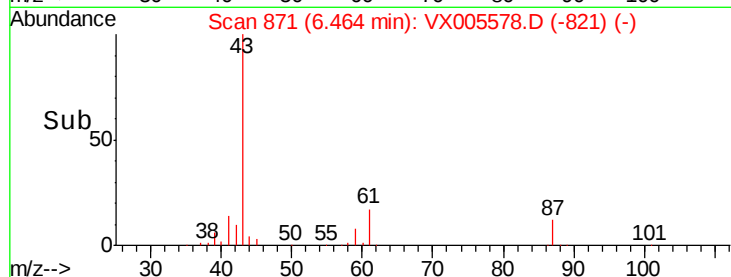
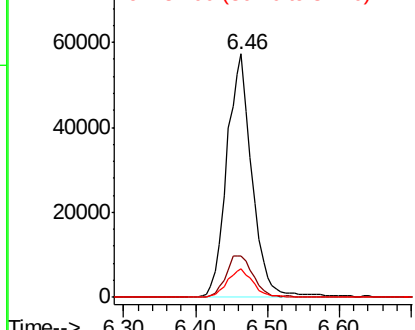
Isopropyl Acetate
 Concen: 24.354 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005578.D
 Acq: 25 Oct 2018 08:30

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-SOIL-3

Tot Ion: 43 Resp: 139535
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.6 22.0
 87 12.0 9.6 14.4



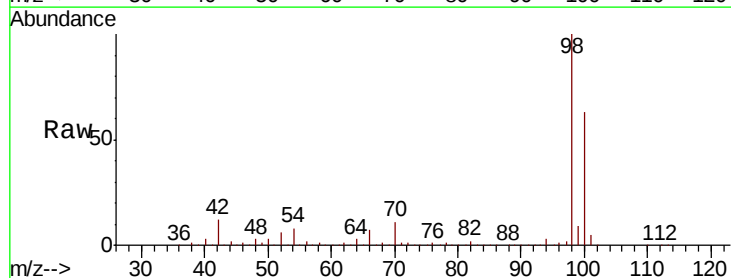
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



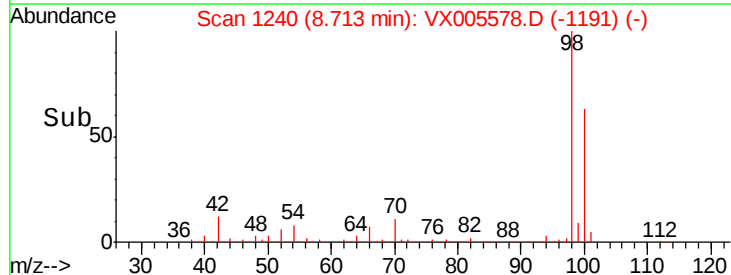
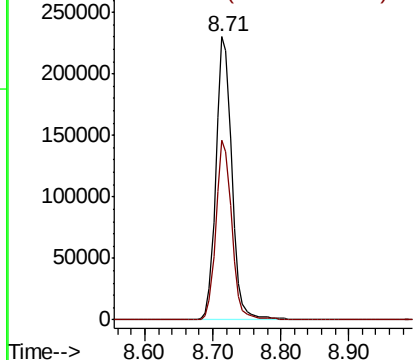
#50

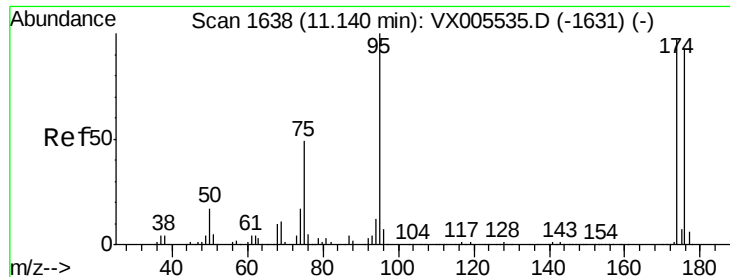
Toluene-d8
 Concen: 49.924 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005578.D
 Acq: 25 Oct 2018 08:30

Tgt Ion: 98 Resp: 375022
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

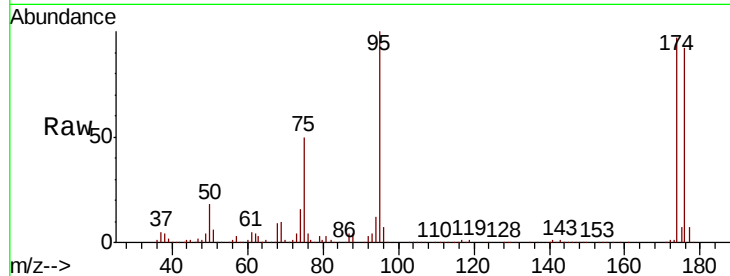




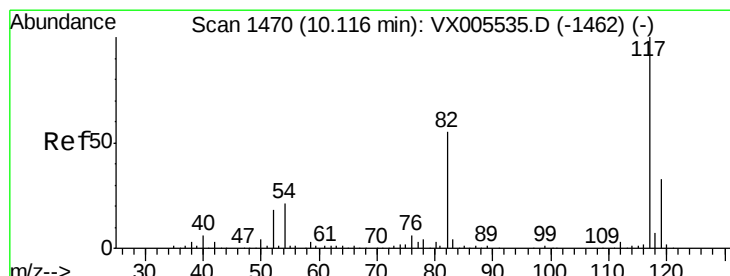
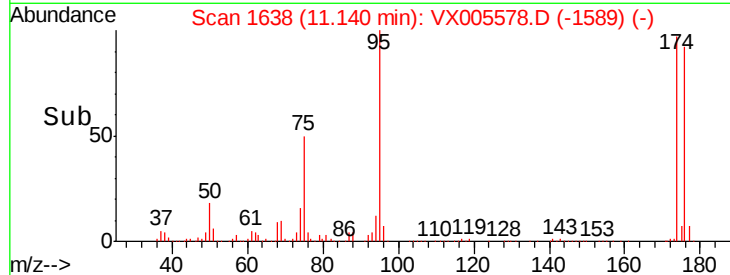
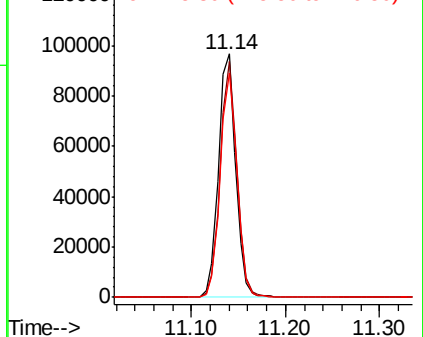
#62
4-Bromofluorobenzene
Concen: 43.593 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005578.D
Acq: 25 Oct 2018 08:30

Instrument :
MSVOA_X
ClientSampleId :
BS-SOIL-3

Tot Ion: 95 Resp: 123668
Ion Ratio Lower Upper
95 100
174 94.2 0.0 184.4
176 90.5 0.0 177.4

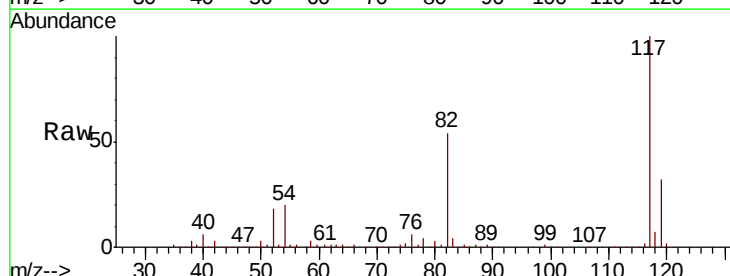


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

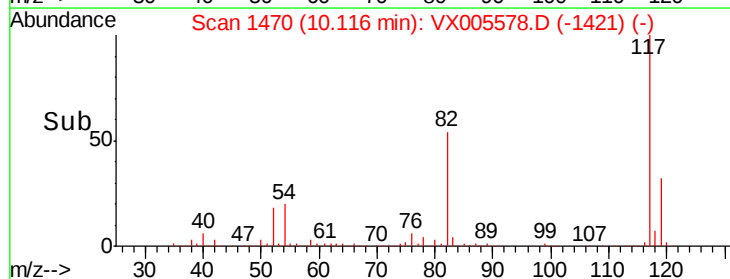
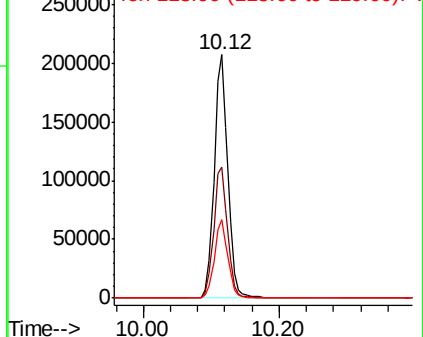


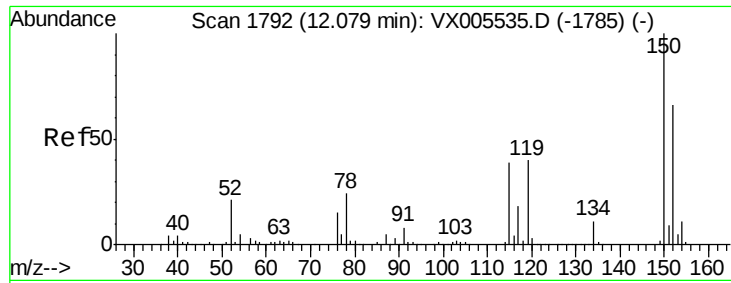
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005578.D
Acq: 25 Oct 2018 08:30

Tgt Ion: 117 Resp: 285838
Ion Ratio Lower Upper
117 100
82 53.9 44.1 66.1
119 32.4 26.2 39.2



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



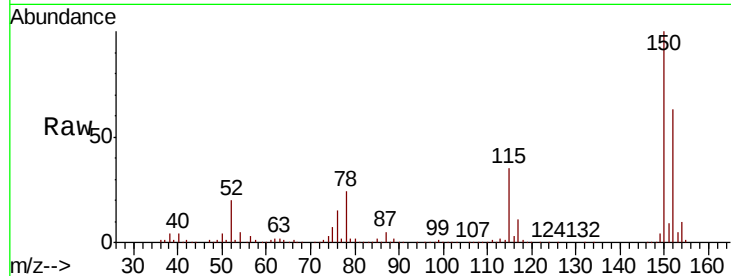


#72

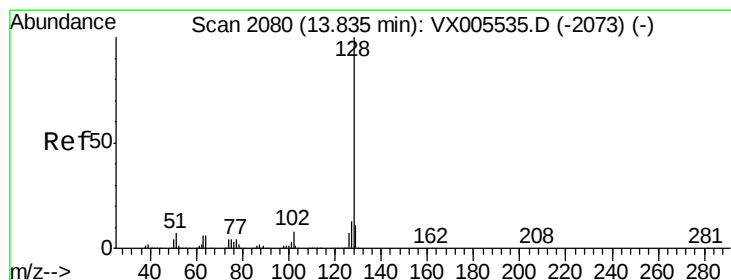
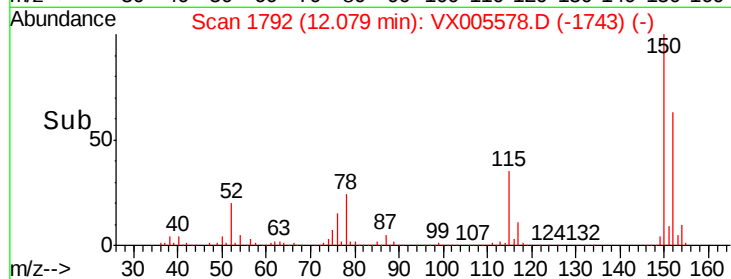
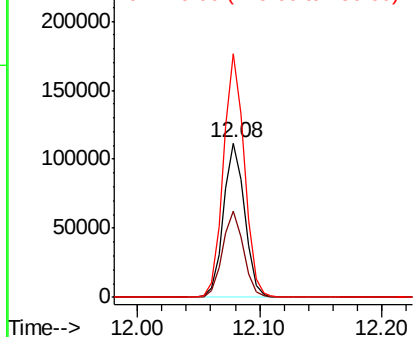
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005578.D
Acq: 25 Oct 2018 08:30

Instrument :
MSVOA_X
ClientSampleId :
BS-SOIL-3

Tot Ion:152 Resp: 133640
Ion Ratio Lower Upper
152 100
115 55.7 39.4 118.1
150 156.4 0.0 346.4



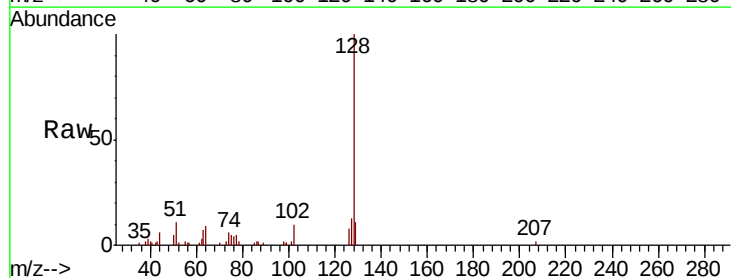
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 0.711 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005578.D
Acq: 25 Oct 2018 08:30

Tgt Ion:128 Resp: 6486
Ion Ratio Lower Upper
128 100
127 14.4 10.4 15.6
129 9.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

