

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007917.D
 Acq On : 08 Mar 2019 06:56
 Operator : JC/SP
 Sample : K1780-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-B

Quant Time: Mar 08 08:37:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 06:16:52 2019
 Response via : Initial Calibration

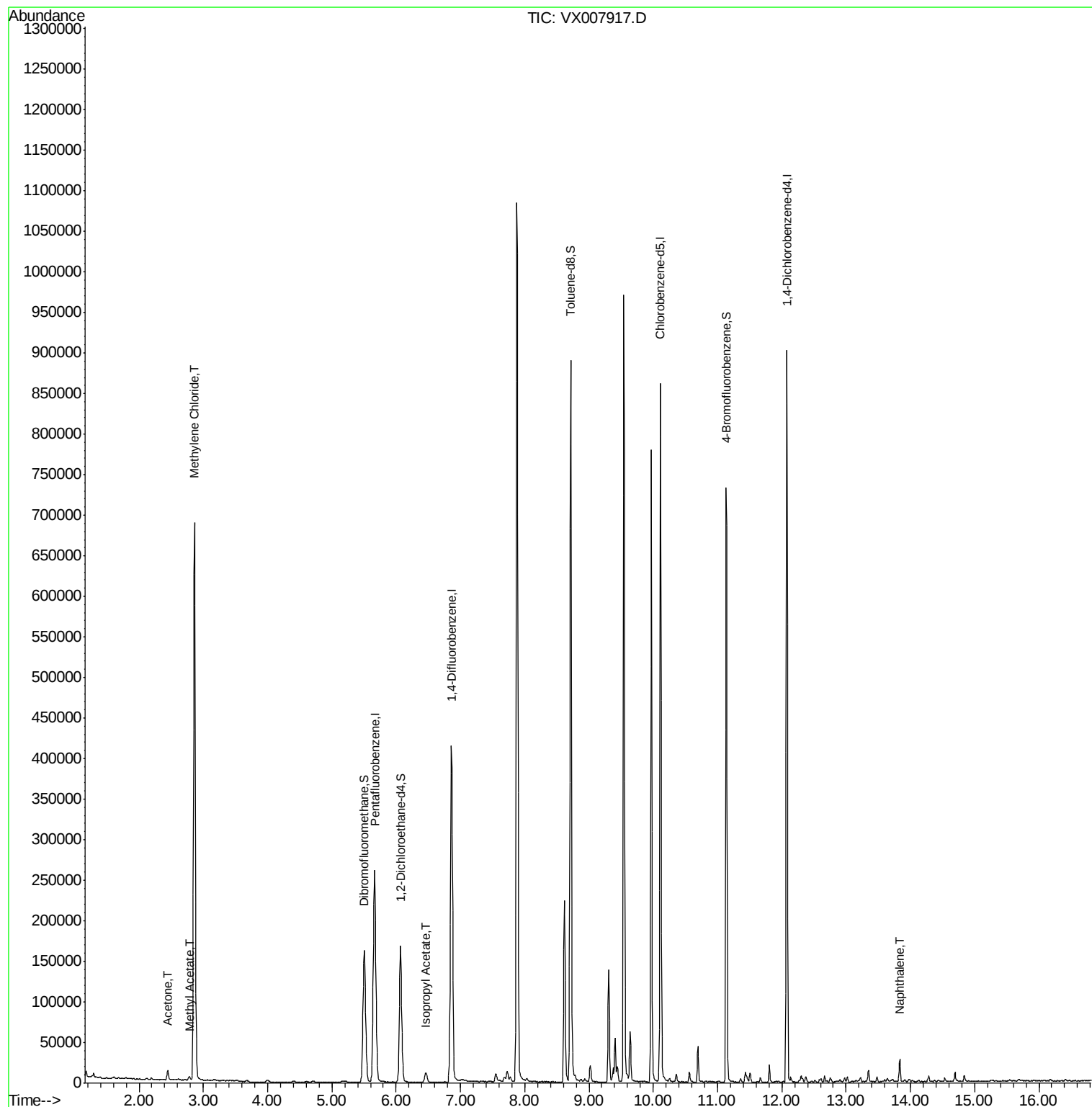
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	432241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	417288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154533	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
35) Dibromofluoromethane	5.50	113	141775	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	8.71	98	536295	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	11.13	95	195037	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
Target Compounds						
16) Acetone	2.45	43	12019	7.128	ug/l	97
18) Methyl Acetate	2.78	43	6351	1.773	ug/l	95
20) Methylene Chloride	2.86	84	315613	117.606	ug/l	98
43) Isopropyl Acetate	6.46	43	15718	2.287	ug/l	97
95) Naphthalene	13.83	128	17660	1.335	ug/l	99

(#) = 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: VX007917.D

Acq: 08 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampled :

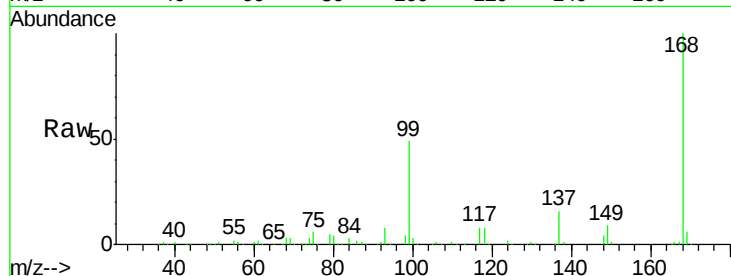
SOIL-B

Tot Ion:168 Resp: 276165

Ion Ratio Lower Upper

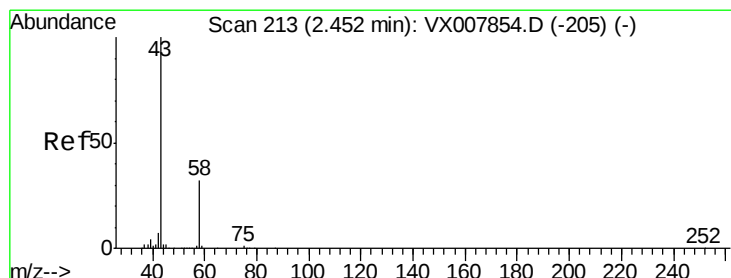
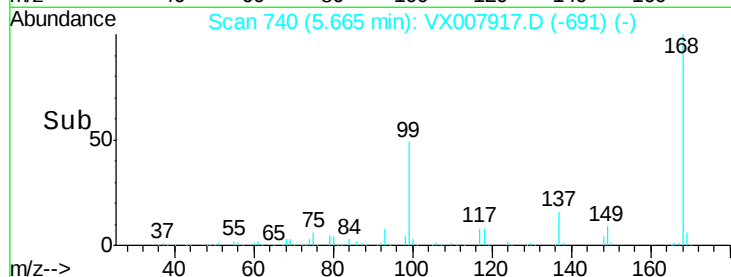
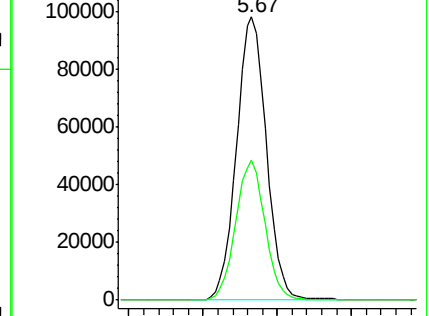
168 100

99 49.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.128 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007917.D

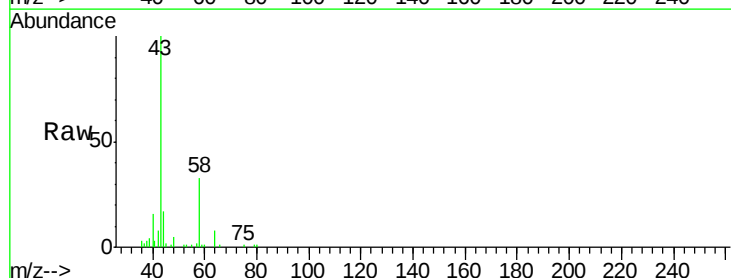
Acq: 08 Mar 2019 06:56

Tgt Ion: 43 Resp: 12019

Ion Ratio Lower Upper

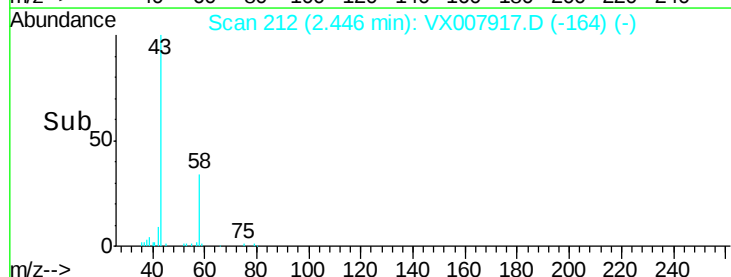
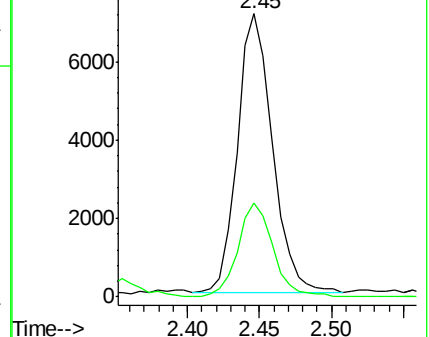
43 100

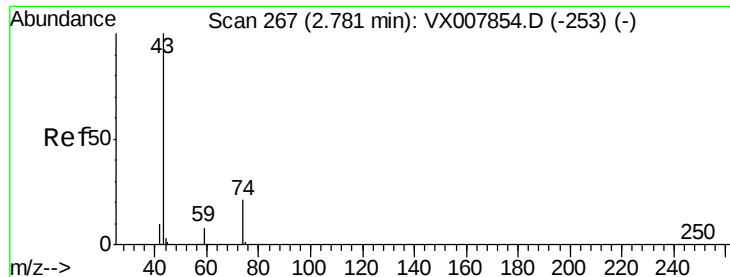
58 33.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

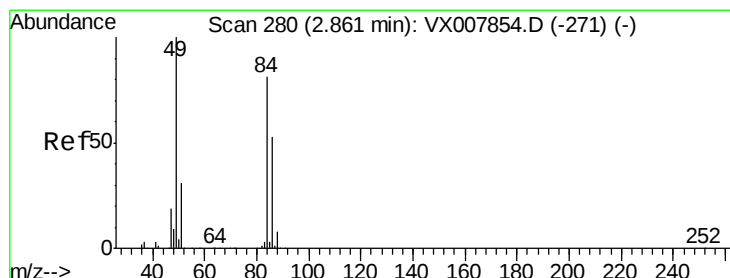
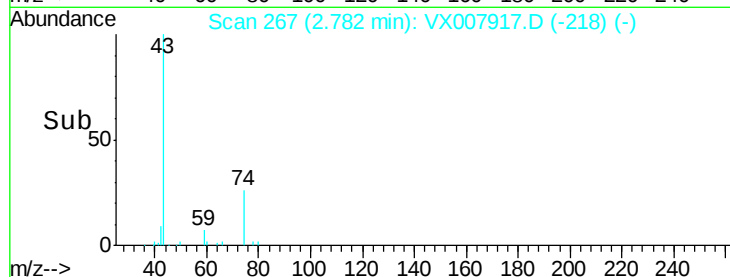
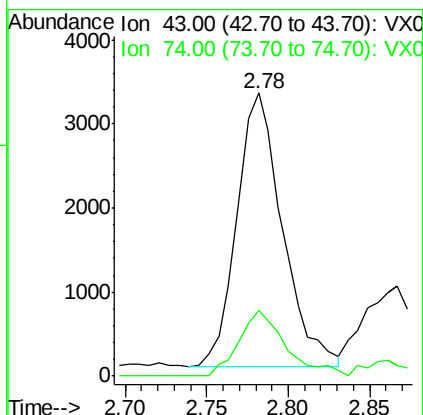
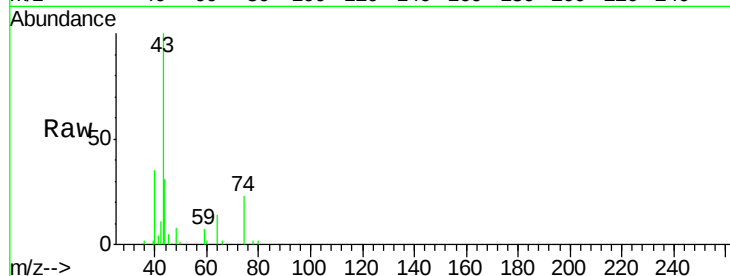




#18
Methyl Acetate
Concen: 1.773 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007917.D
Acq: 08 Mar 2019 06:56

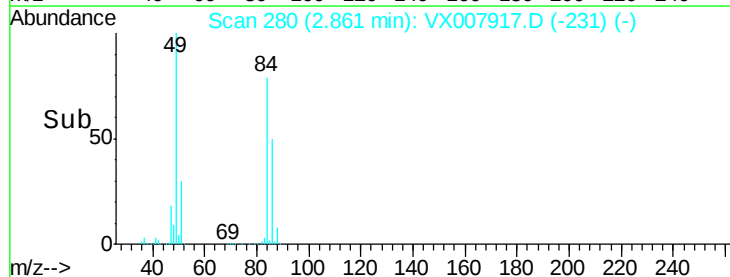
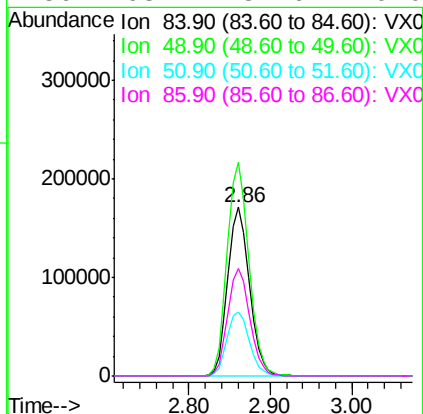
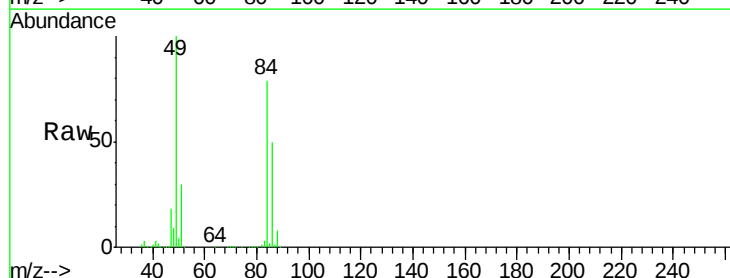
Instrument :
MSVOA_X
ClientSampled :
SOIL-B

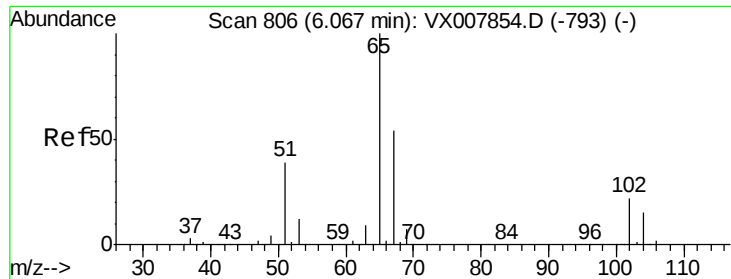
Tot Ion: 43 Resp: 6351
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.6



#20
Methylene Chloride
Concen: 117.606 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007917.D
Acq: 08 Mar 2019 06:56

Tgt Ion: 84 Resp: 315613
Ion Ratio Lower Upper
84 100
49 126.8 99.3 148.9
51 38.2 31.3 46.9
86 63.7 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 53.044 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007917.D

Acq: 08 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

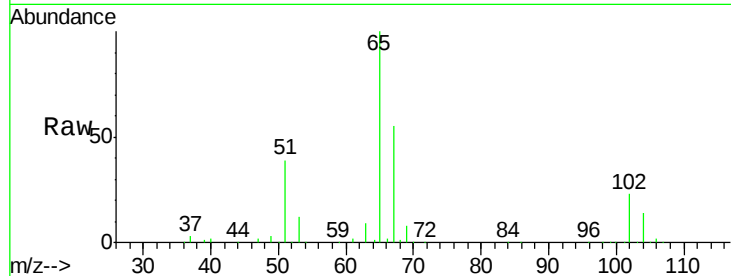
SOIL-B

Tot Ion: 65 Resp: 154533

Ion Ratio Lower Upper

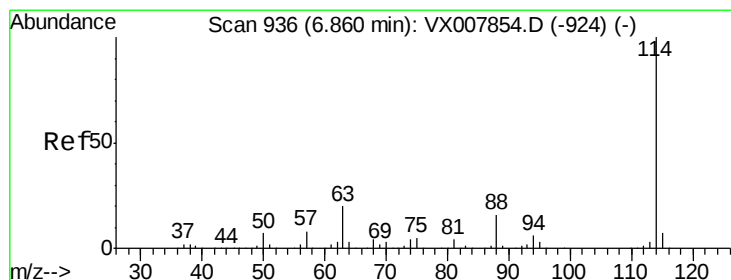
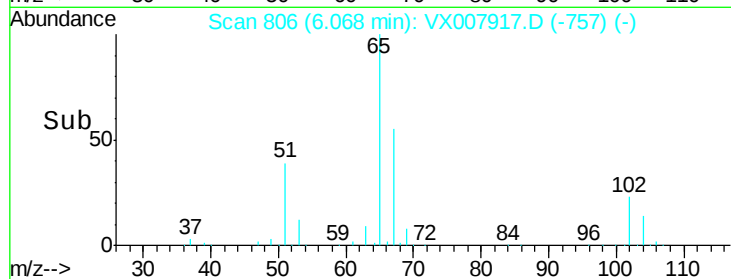
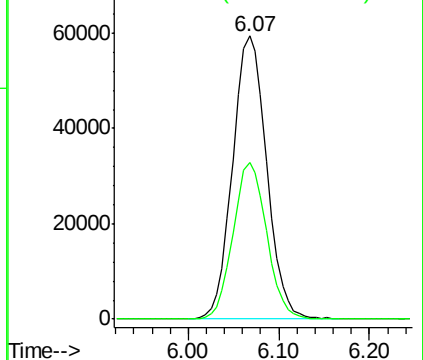
65 100

67 54.7 0.0 110.0



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: VX007917.D

Acq: 08 Mar 2019 06:56

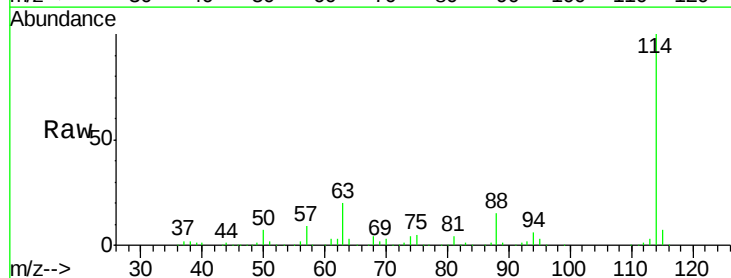
Tgt Ion: 114 Resp: 432241

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

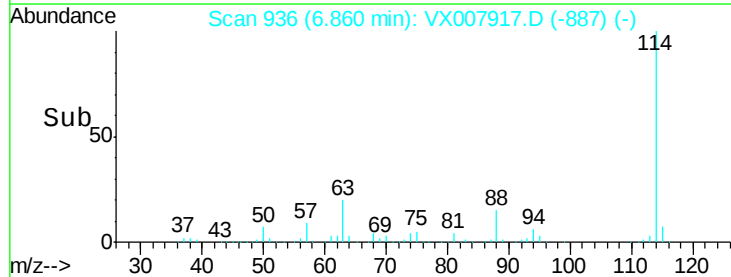
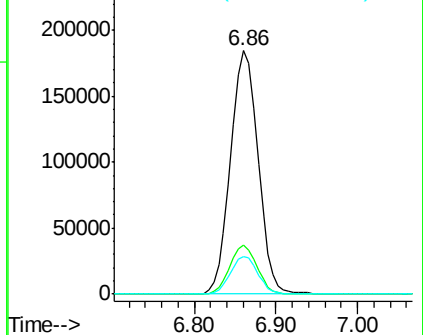
88 15.5 0.0 31.4

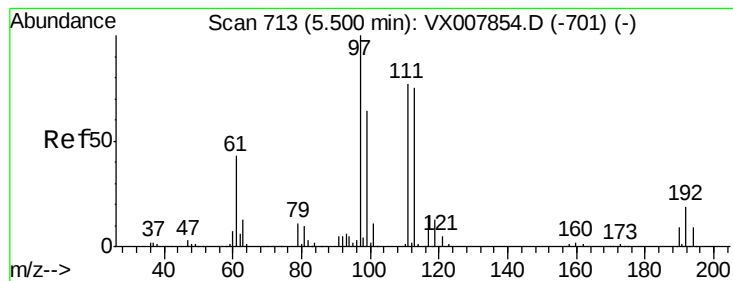


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.277 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007917.D

Acq: 08 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

SOIL-B

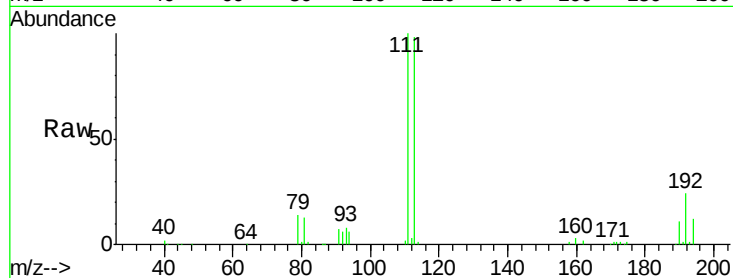
Tot Ion:113 Resp: 141775

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

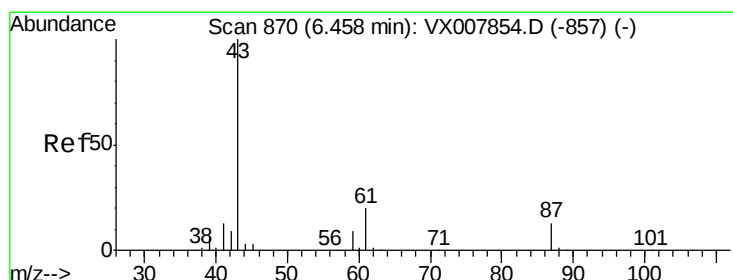
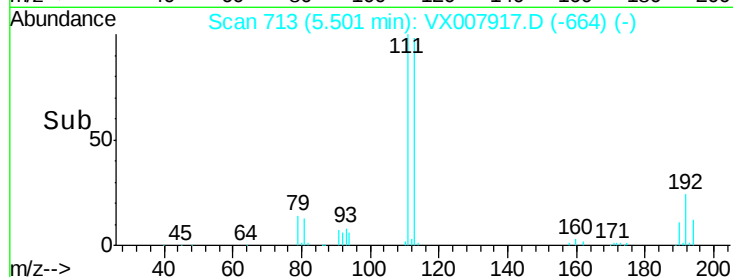
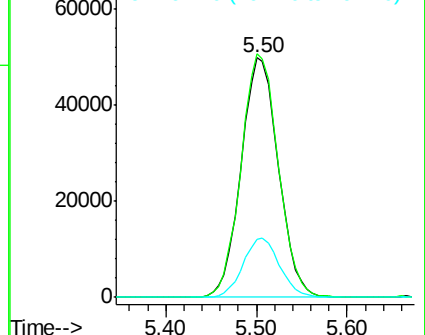
192 24.3 19.4 29.0



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: 2.287 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007917.D

Acq: 08 Mar 2019 06:56

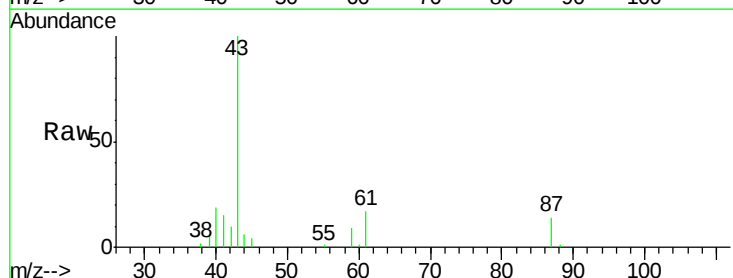
Tgt Ion: 43 Resp: 15718

Ion Ratio Lower Upper

43 100

61 18.7 16.3 24.5

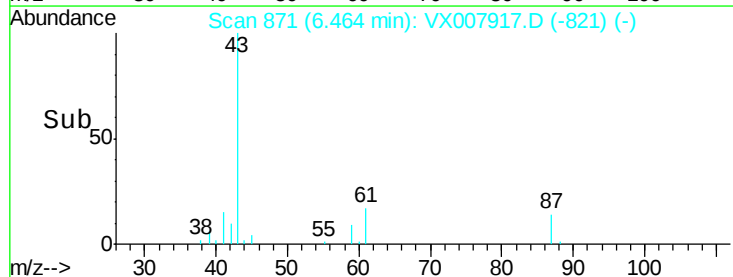
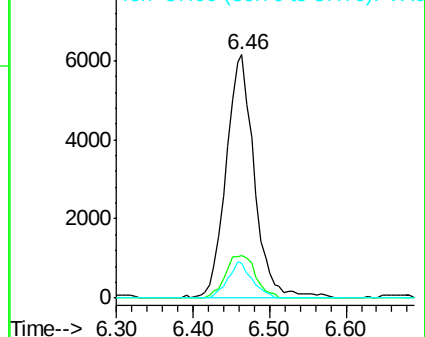
87 12.7 10.5 15.7

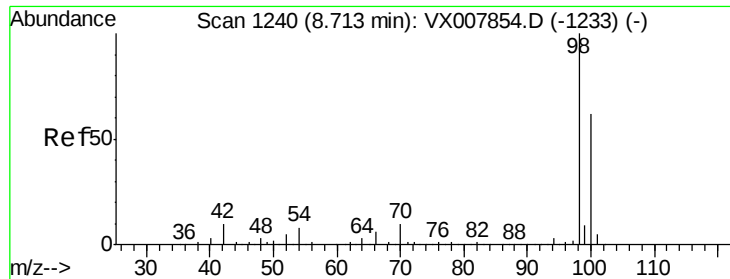


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

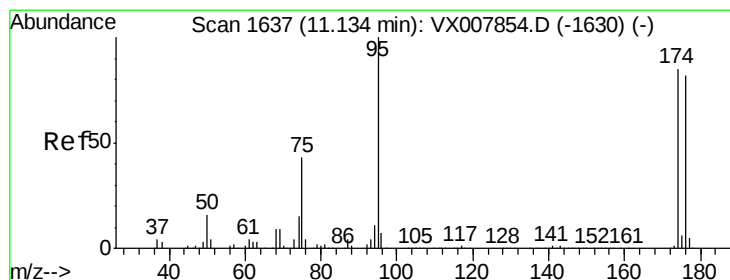
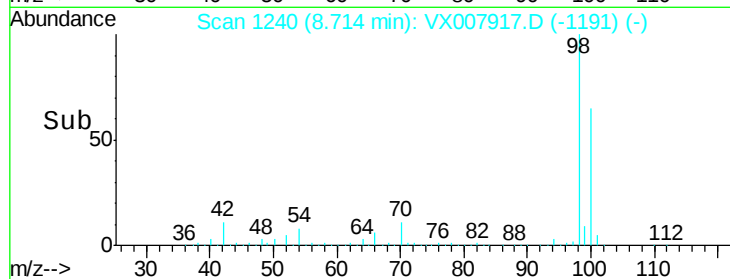
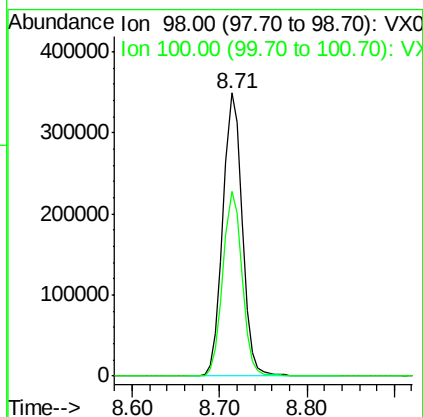
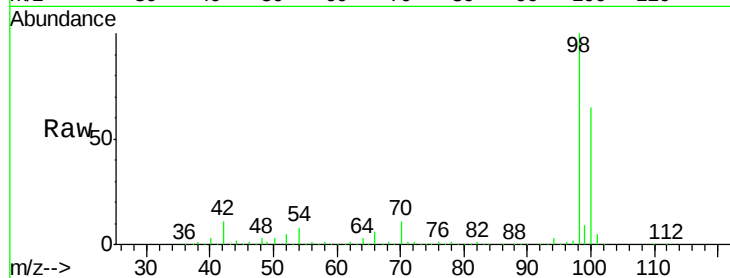




#50
Toluene-d8
Concen: 52.815 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007917.D
Acq: 08 Mar 2019 06:56

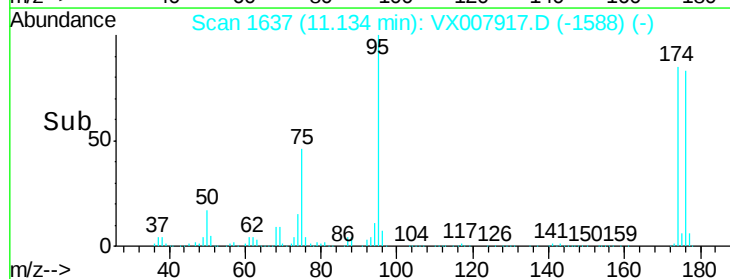
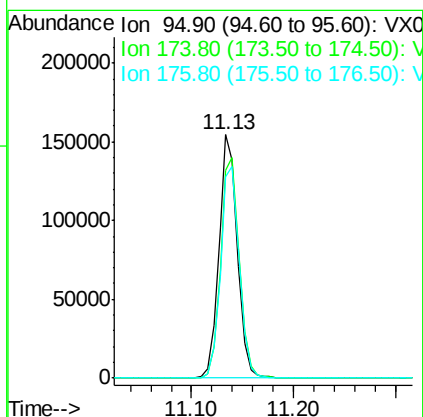
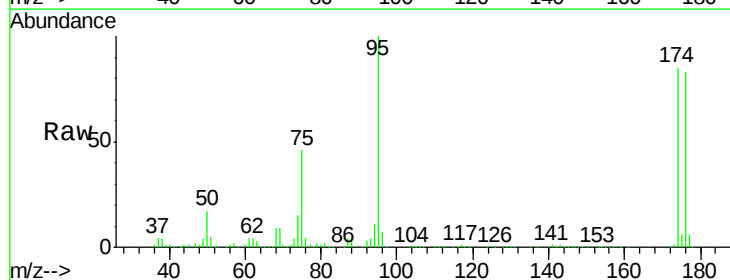
Instrument :
MSVOA_X
ClientSampleId :
SOIL-B

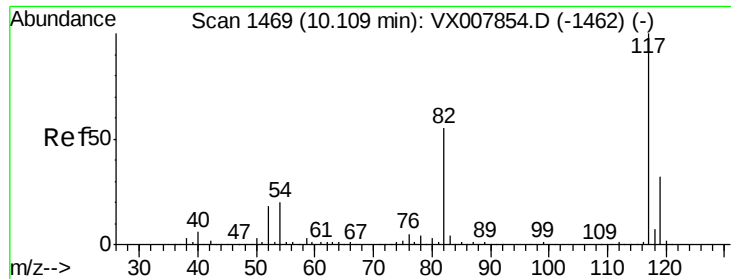
Tot Ion: 98 Resp: 536295
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.784 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007917.D
Acq: 08 Mar 2019 06:56

Tgt Ion: 95 Resp: 195037
Ion Ratio Lower Upper
95 100
174 92.0 0.0 182.8
176 88.7 0.0 178.0

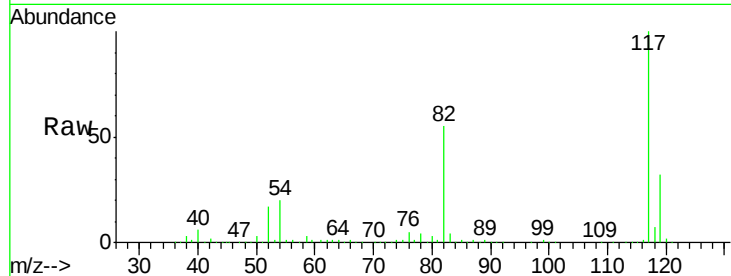




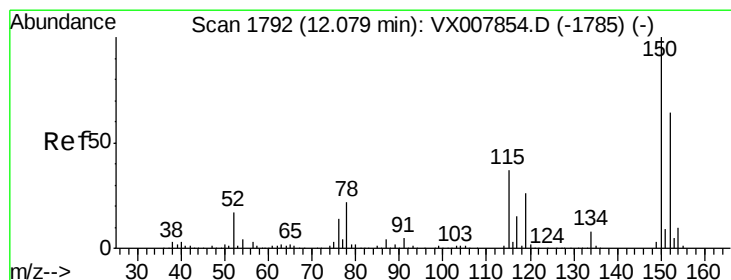
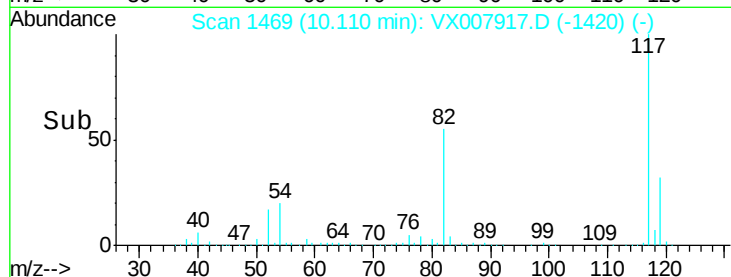
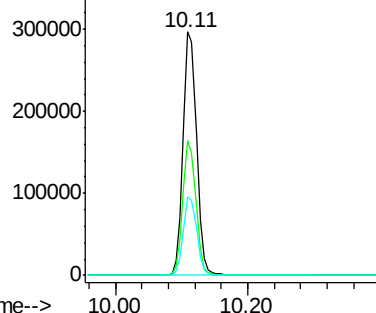
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007917.D
Acq: 08 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampled :
SOIL-B

Tot Ion:117 Resp: 417288
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.0 25.3 37.9

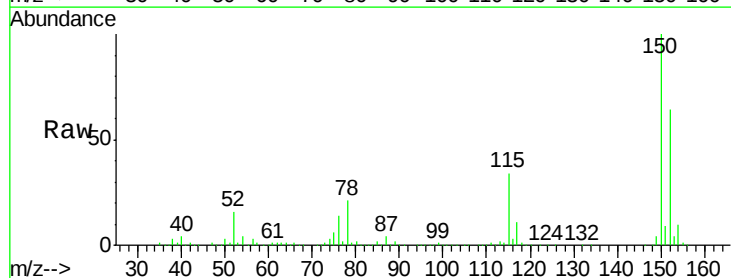


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

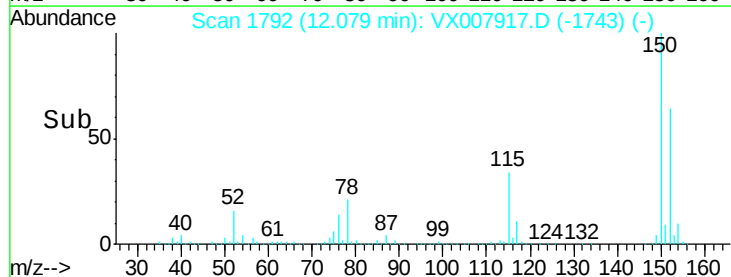
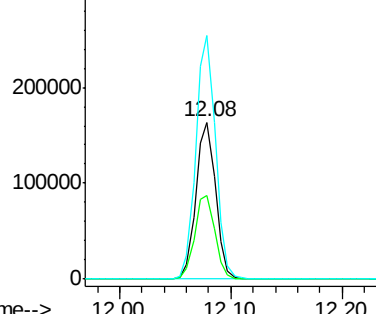


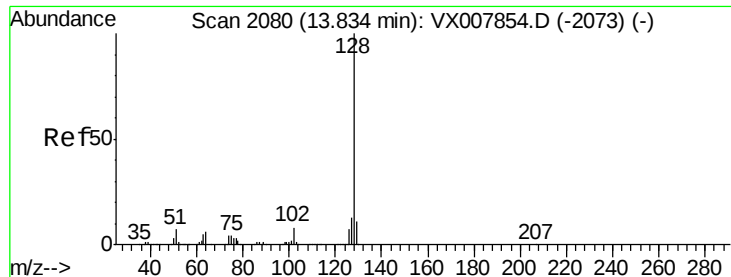
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007917.D
Acq: 08 Mar 2019 06:56

Tgt Ion:152 Resp: 200584
Ion Ratio Lower Upper
152 100
115 54.9 38.6 115.7
150 154.6 0.0 348.4



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: 1.335 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007917.D

Acq: 08 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

SOIL-B

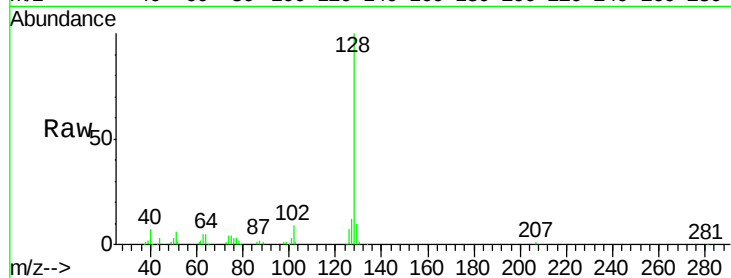
Tot Ion:128 Resp: 17660

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.1 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

