

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007916.D
 Acq On : 08 Mar 2019 06:30
 Operator : JC/SP
 Sample : K1780-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-A

Quant Time: Mar 08 08:36:21 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

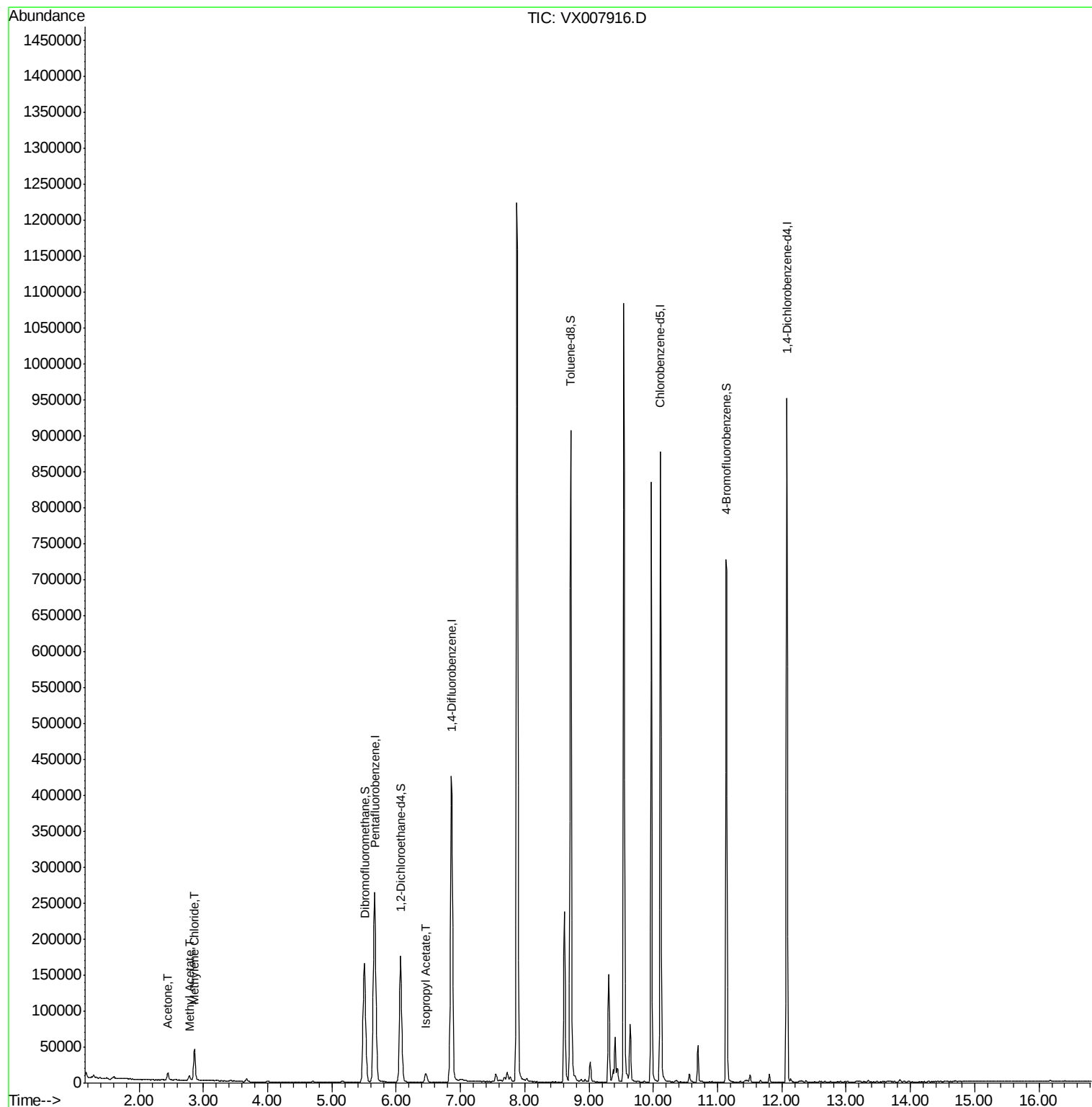
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	425930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157226	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
35) Dibromofluoromethane	5.51	113	144754	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
50) Toluene-d8	8.71	98	546271	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	11.13	95	199480	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
Target Compounds						
16) Acetone	2.45	43	11646	6.856	ug/l	99
18) Methyl Acetate	2.78	43	8660	2.400	ug/l	97
20) Methylene Chloride	2.86	84	20088	7.430	ug/l	99
43) Isopropyl Acetate	6.46	43	16403	2.341	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: VX007916.D

Acq: 08 Mar 2019 06:30

Instrument :

MSVOA_X

ClientSampled :

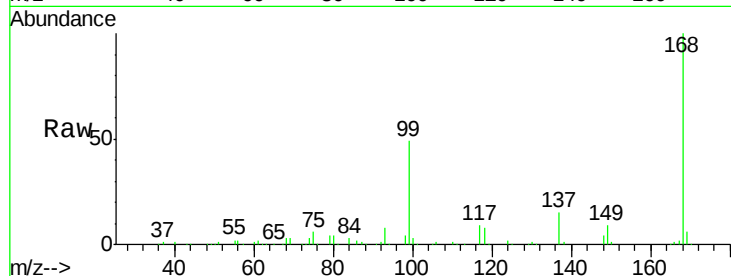
SOIL-A

Tot Ion:168 Resp: 278215

Ion Ratio Lower Upper

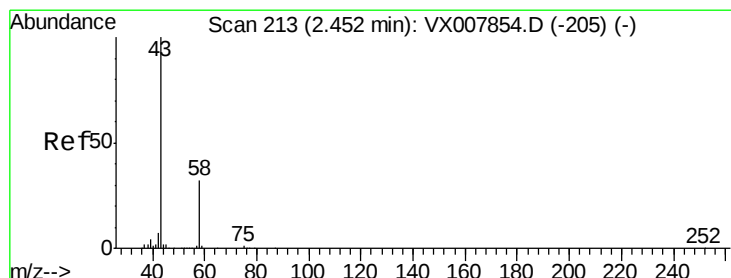
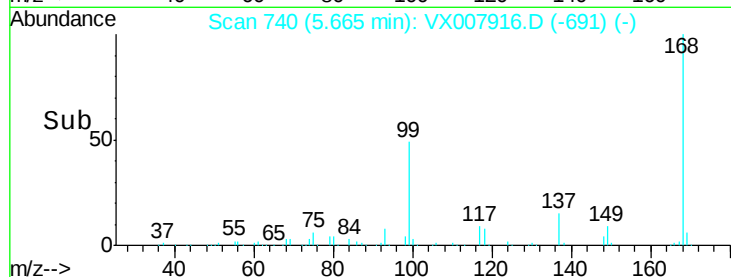
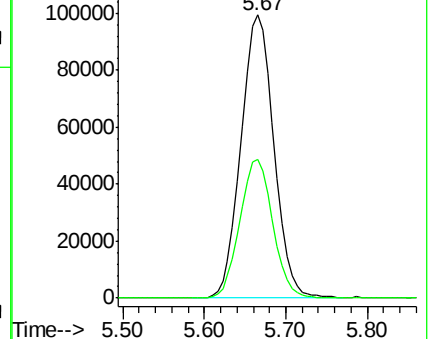
168 100

99 49.0 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: 6.856 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007916.D

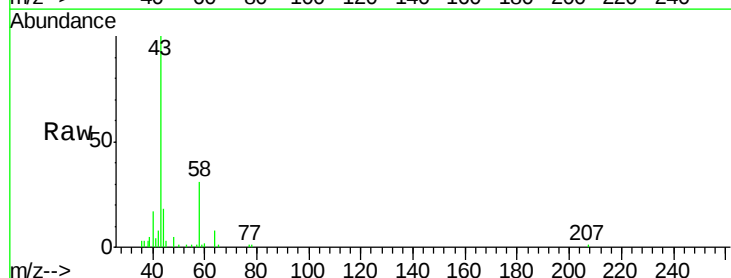
Acq: 08 Mar 2019 06:30

Tgt Ion: 43 Resp: 11646

Ion Ratio Lower Upper

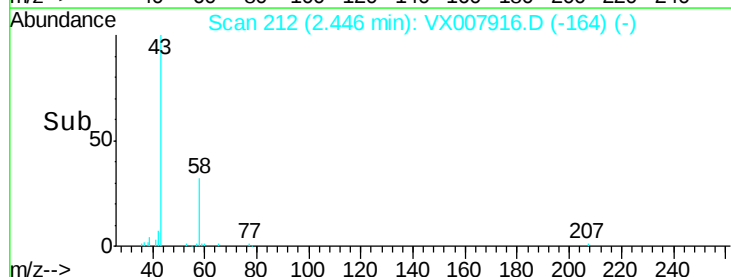
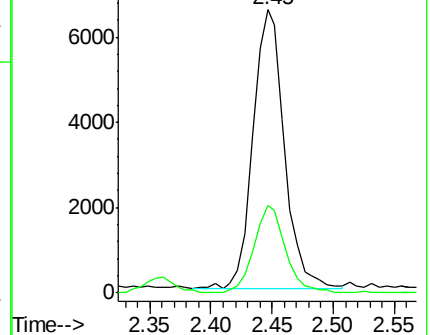
43 100

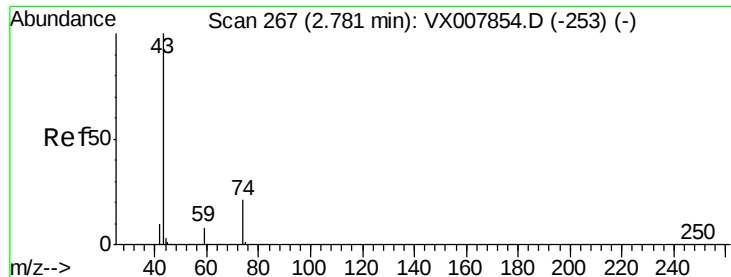
58 31.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

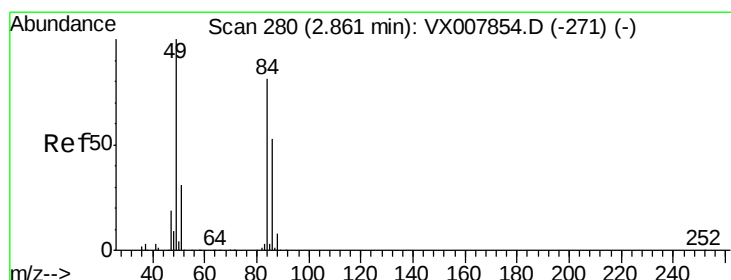
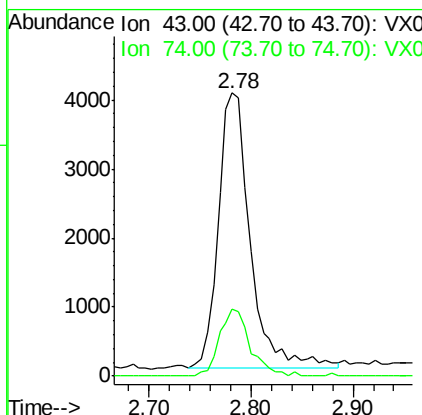
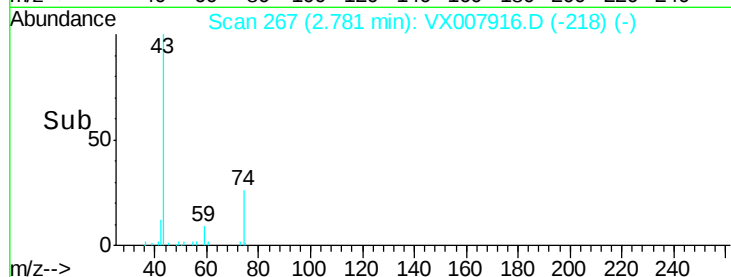
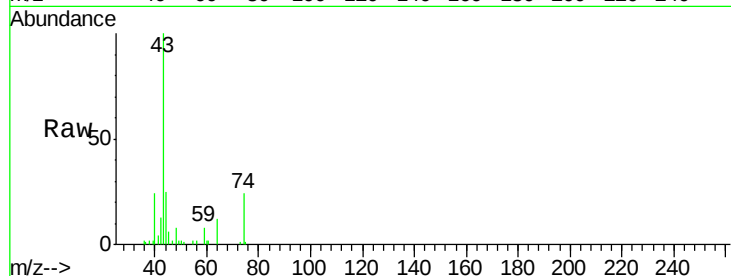




#18
Methyl Acetate
Concen: 2.400 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007916.D
Acq: 08 Mar 2019 06:30

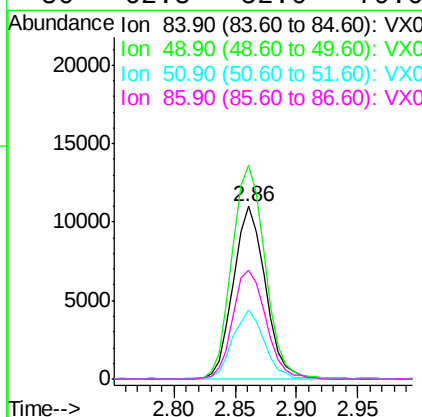
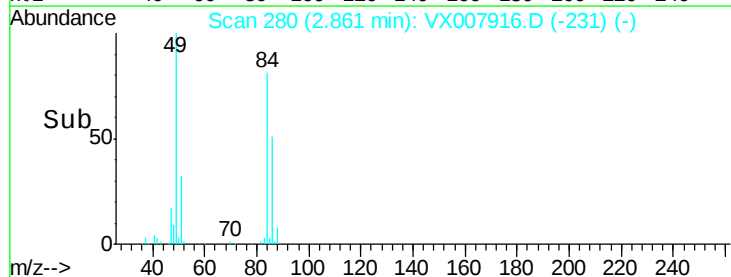
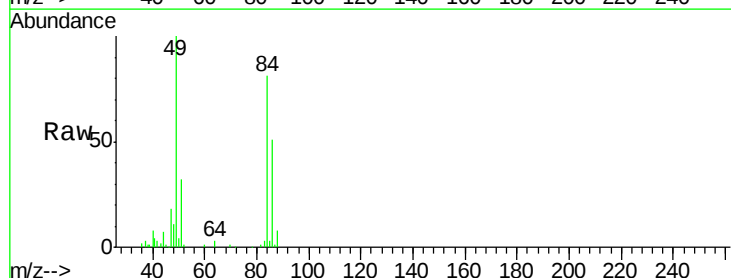
Instrument :
MSVOA_X
ClientSampled :
SOIL-A

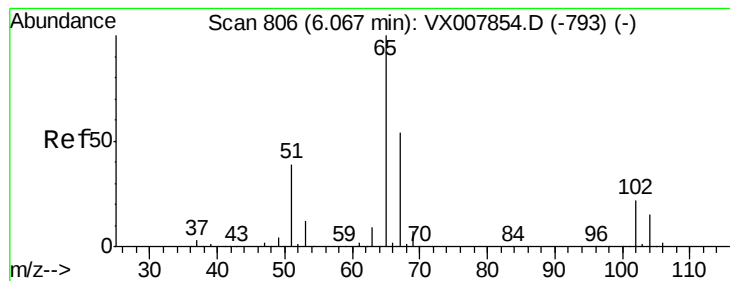
Tot Ion: 43 Resp: 8660
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.6



#20
Methylene Chloride
Concen: 7.430 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007916.D
Acq: 08 Mar 2019 06:30

Tgt Ion: 84 Resp: 20088
Ion Ratio Lower Upper
84 100
49 123.9 99.3 148.9
51 39.7 31.3 46.9
86 62.8 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 53.571 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007916.D

Acq: 08 Mar 2019 06:30

Instrument :

MSVOA_X

ClientSampleId :

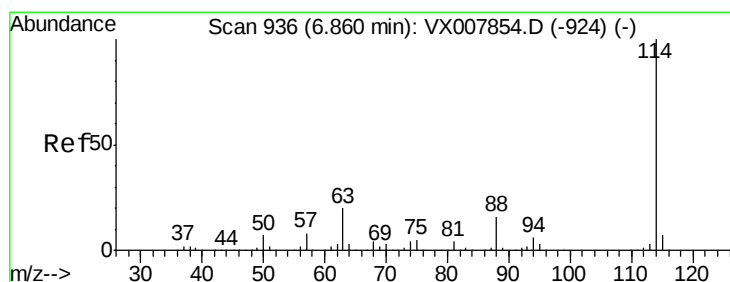
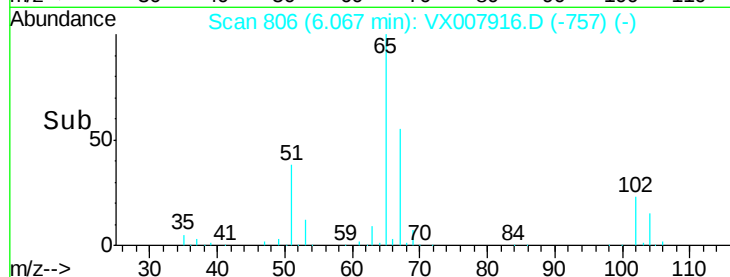
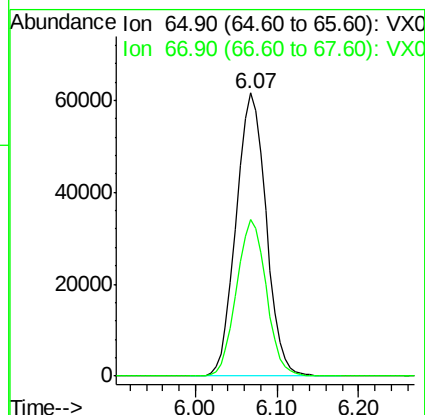
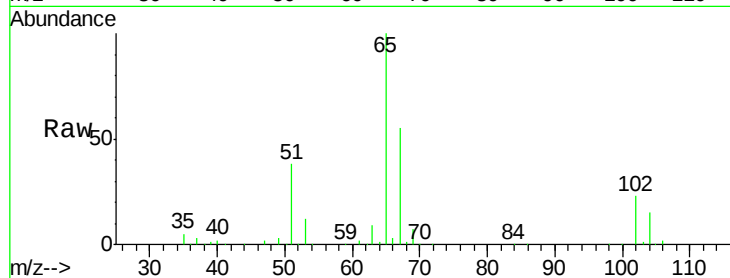
SOIL-A

Tot Ion: 65 Resp: 157226

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007916.D

Acq: 08 Mar 2019 06:30

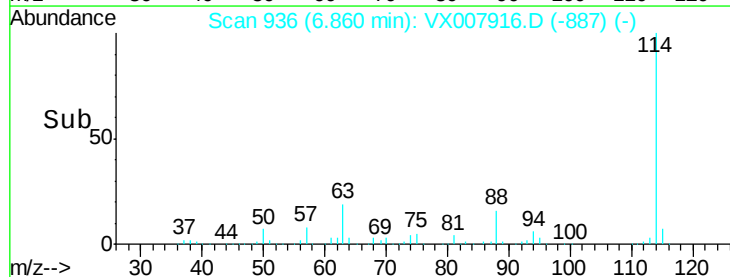
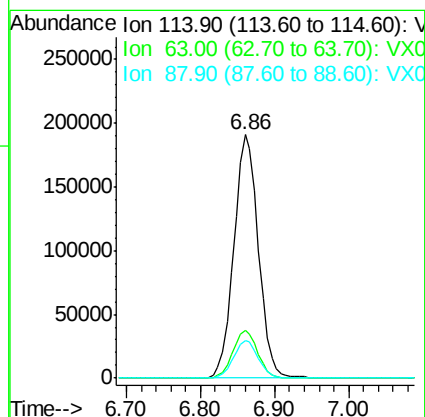
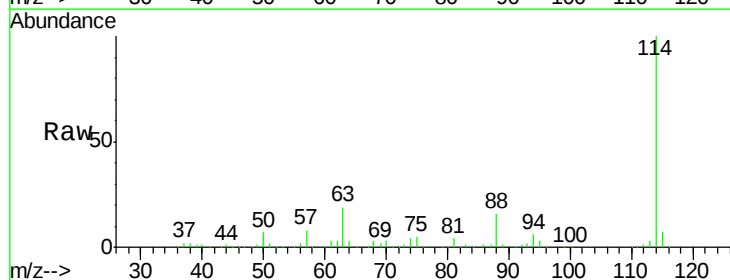
Tgt Ion: 114 Resp: 440558

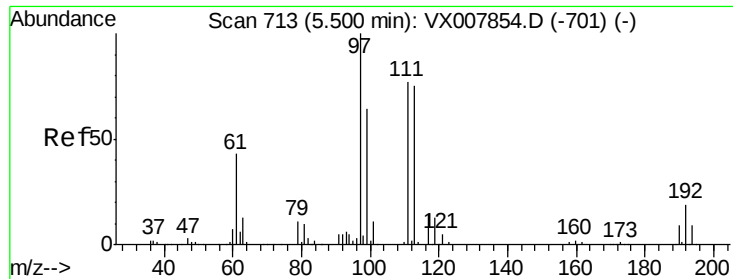
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

88 15.7 0.0 31.4

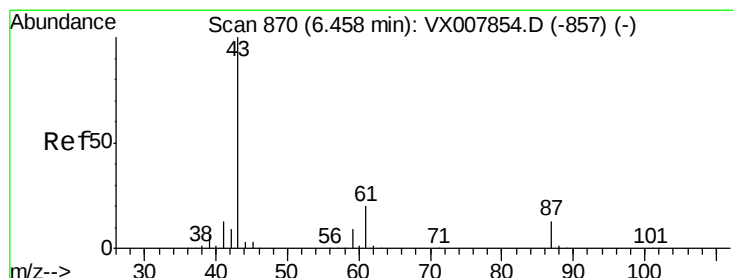
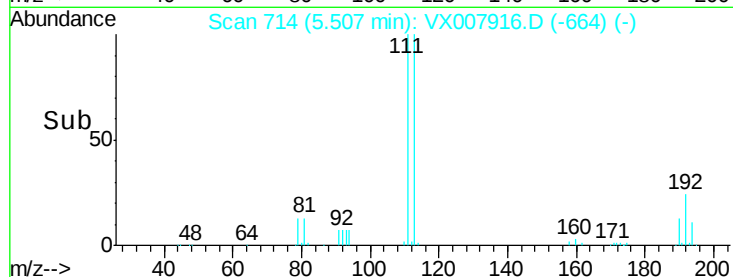
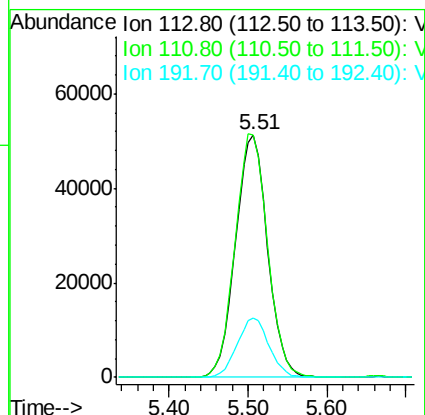
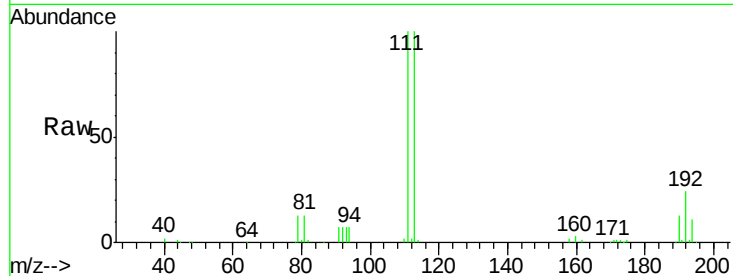




#35
 Dibromofluoromethane
 Concen: 51.366 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007916.D
 Acq: 08 Mar 2019 06:30

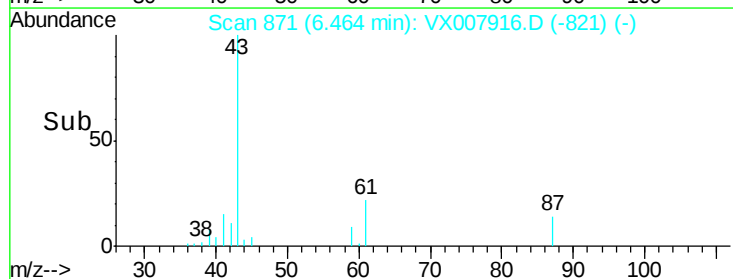
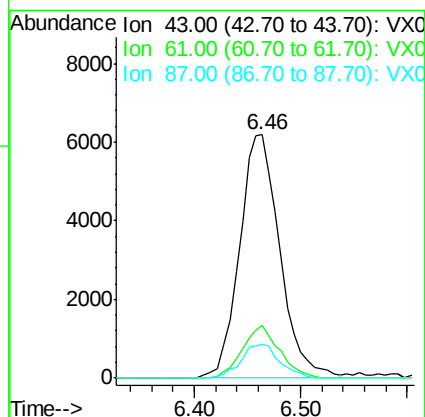
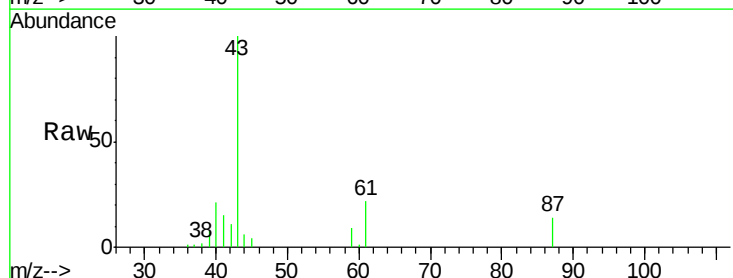
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-A

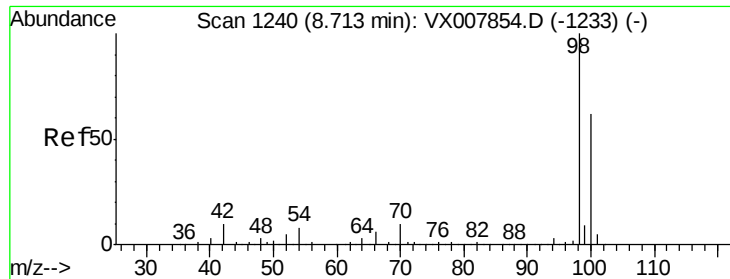
Tot Ion:113 Resp: 144754
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 24.3 19.4 29.0



#43
 Isopropyl Acetate
 Concen: 2.341 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007916.D
 Acq: 08 Mar 2019 06:30

Tgt Ion: 43 Resp: 16403
 Ion Ratio Lower Upper
 43 100
 61 19.8 16.3 24.5
 87 13.4 10.5 15.7





#50

Toluene-d8

Concen: 52.782 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007916.D

Acq: 08 Mar 2019 06:30

Instrument :

MSVOA_X

ClientSampled :

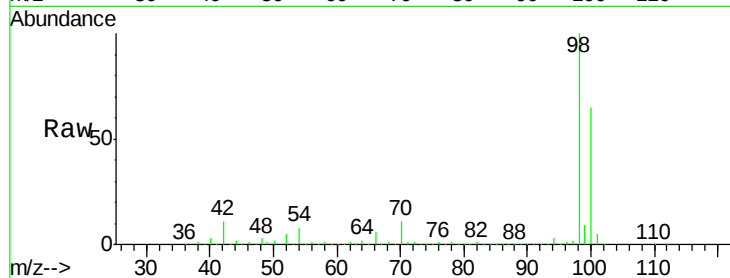
SOIL-A

Tot Ion: 98 Resp: 546271

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

400000

300000

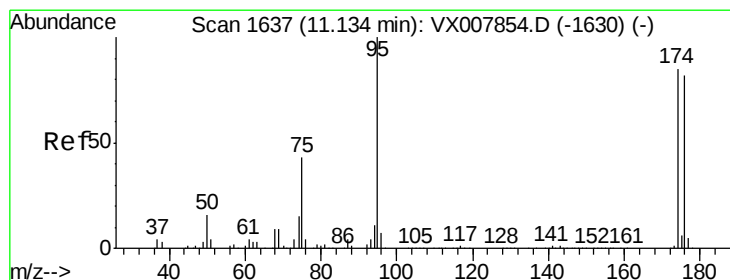
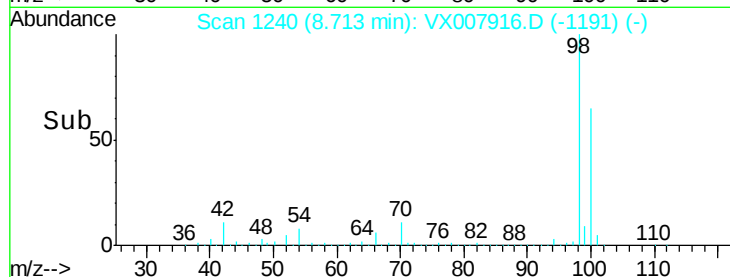
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 54.974 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007916.D

Acq: 08 Mar 2019 06:30

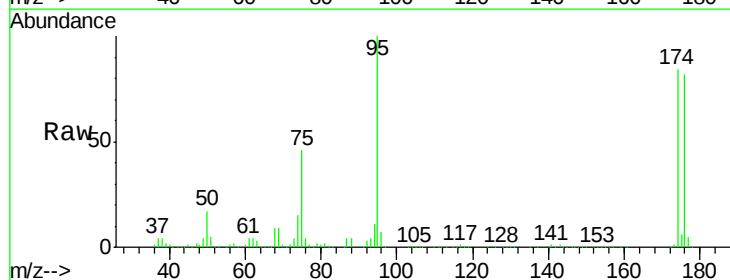
Tgt Ion: 95 Resp: 199480

Ion Ratio Lower Upper

95 100

174 91.3 0.0 182.8

176 88.9 0.0 178.0



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

200000

150000

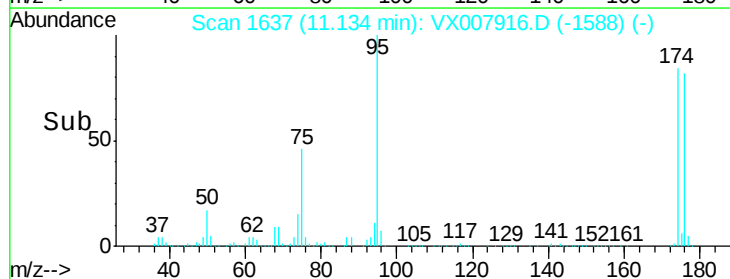
100000

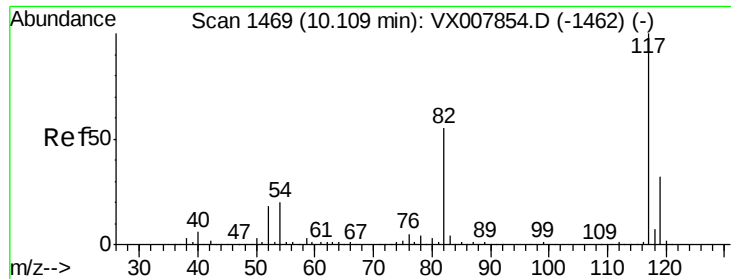
50000

0

11.10 11.20

Time-->

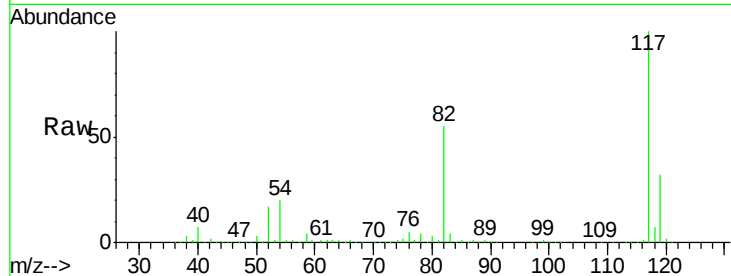




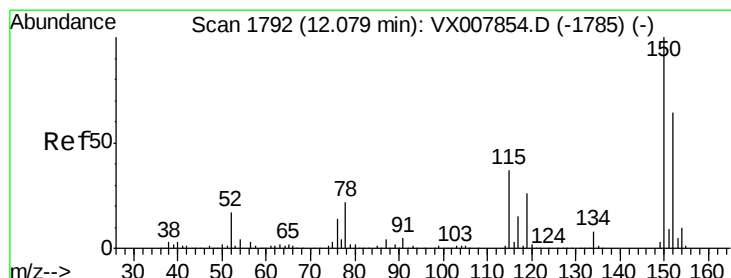
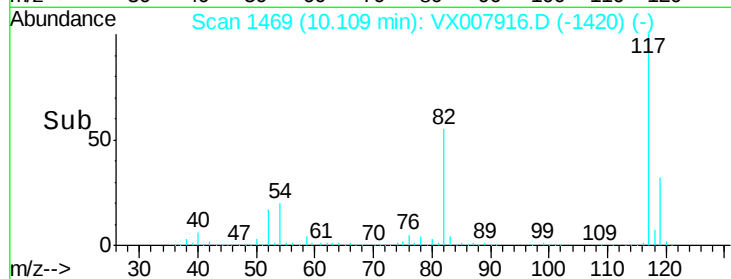
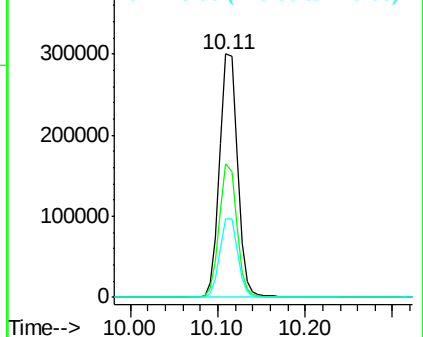
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007916.D
Acq: 08 Mar 2019 06:30

Instrument :
MSVOA_X
ClientSampled :
SOIL-A

Tot Ion:117 Resp: 425930
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.3 25.3 37.9

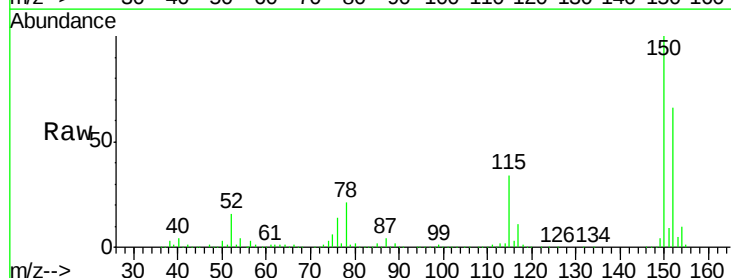


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007916.D
Acq: 08 Mar 2019 06:30

Tgt Ion:152 Resp: 205805
Ion Ratio Lower Upper
152 100
115 55.2 38.6 115.7
150 155.1 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

