

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014557.D
 Acq On : 11 Jan 2020 00:06
 Operator : JC/SP
 Sample : L1064-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-B

Quant Time: Jan 11 00:55:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

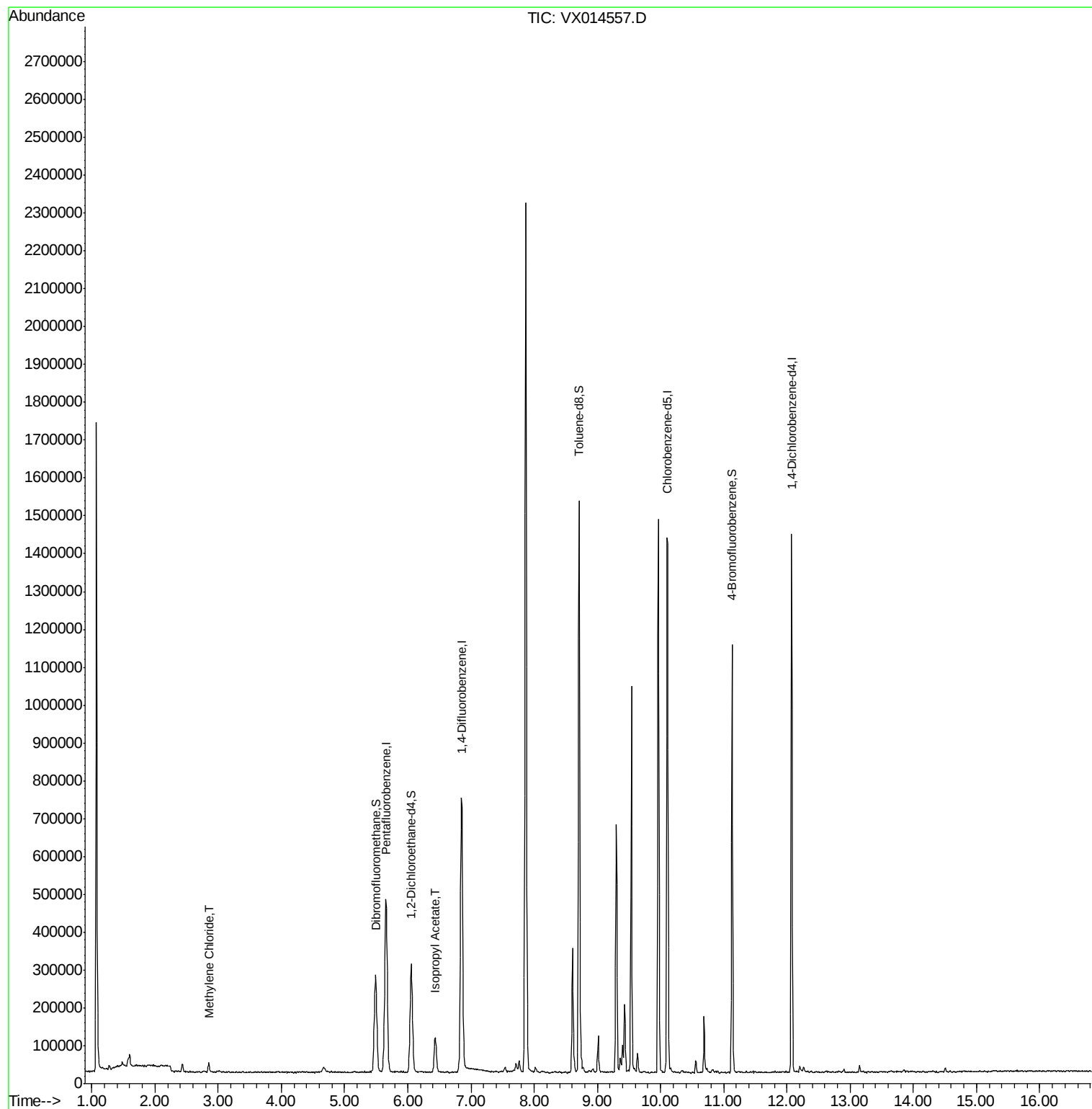
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	475159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	741843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	672509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	304247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	267259	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
35) Dibromofluoromethane	5.49	113	221864	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	892138	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	297068	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
Target Compounds						
20) Methylene Chloride	2.85	84	11688	2.190	ug/l	93
43) Isopropyl Acetate	6.43	43	126281	10.316	ug/l	98

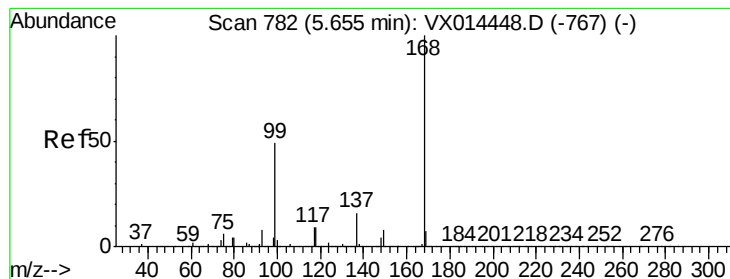
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 07 15:54:41 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014557.D

Acq: 11 Jan 2020 00:06

Instrument :

MSVOA_X

ClientSampleId :

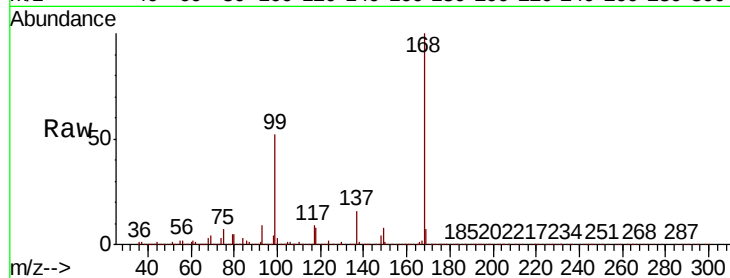
SOIL-B

Tot Ion:168 Resp: 475159

Ion Ratio Lower Upper

168 100

99 51.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

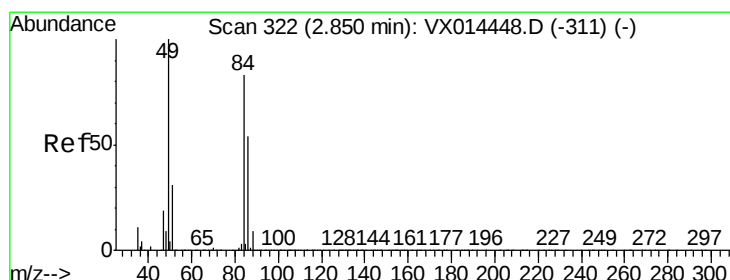
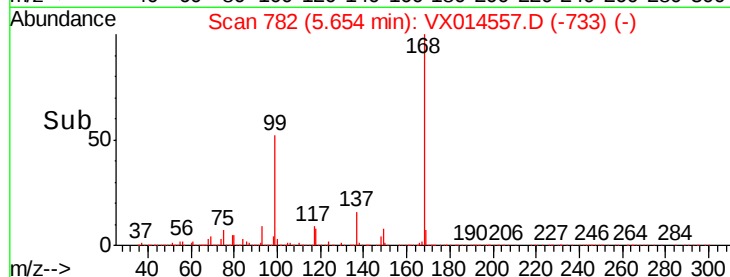
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.190 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014557.D

Acq: 11 Jan 2020 00:06

Tgt Ion: 84 Resp: 11688

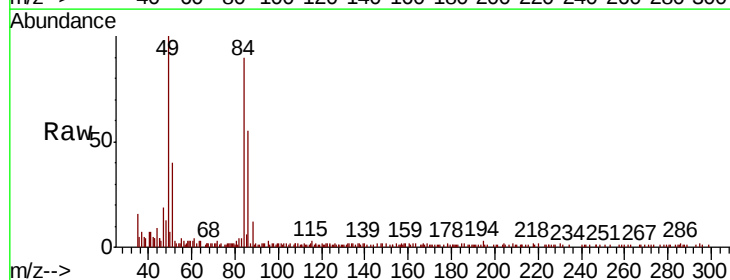
Ion Ratio Lower Upper

84 100

49 112.8 95.8 143.8

51 41.0 30.2 45.4

86 58.6 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

10000

8000

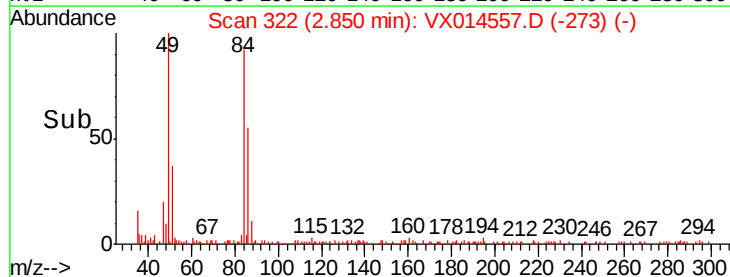
6000

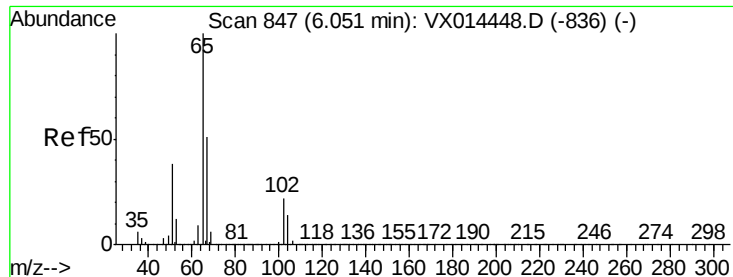
4000

2000

0

Time-->

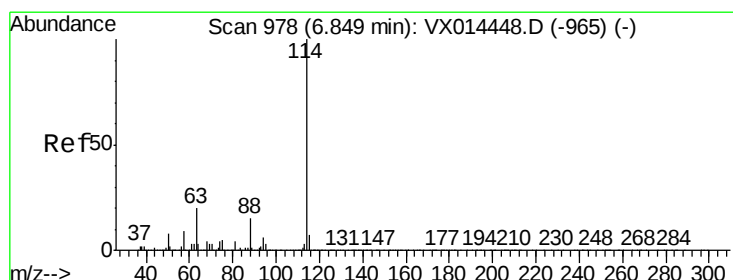
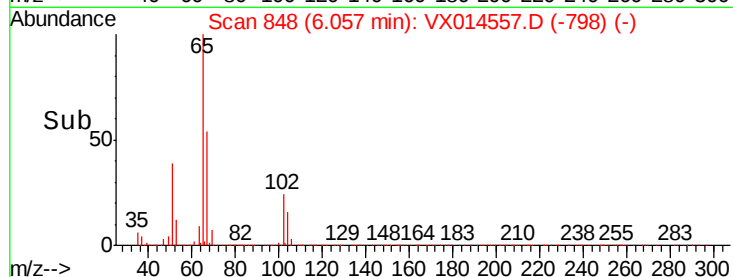
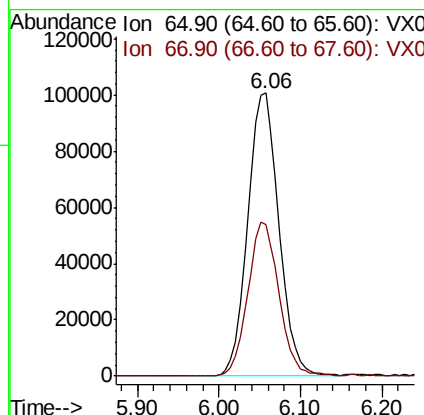
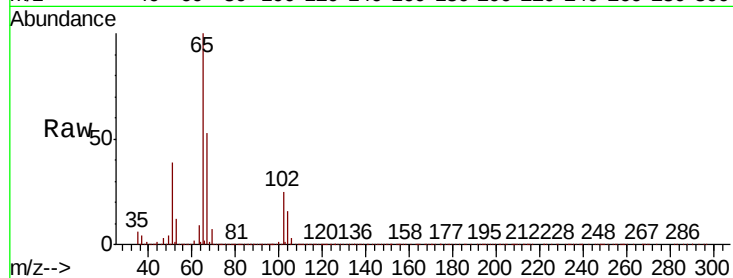




#33
 1,2-Dichloroethane-d4
 Concen: 50.385 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014557.D
 Acq: 11 Jan 2020 00:06

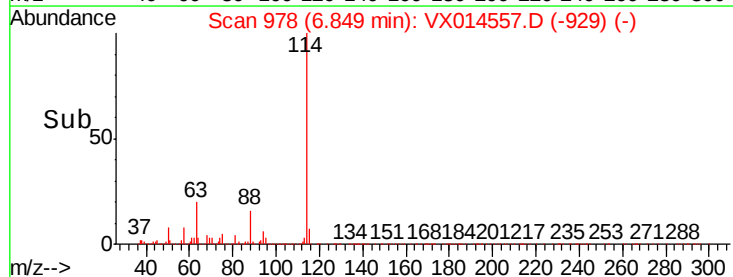
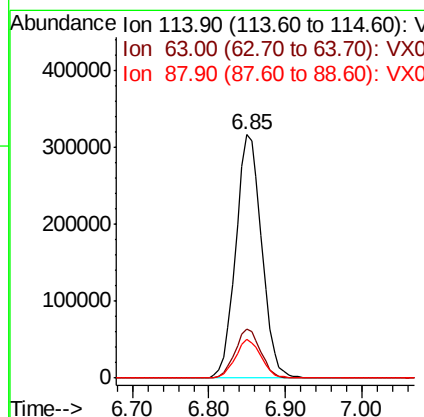
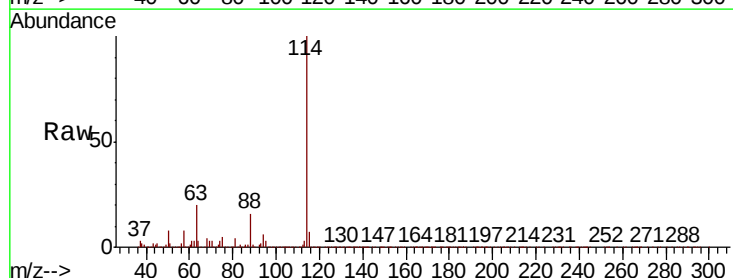
Instrument :
 MSVOA_X
 ClientSampled :
 SOIL-B

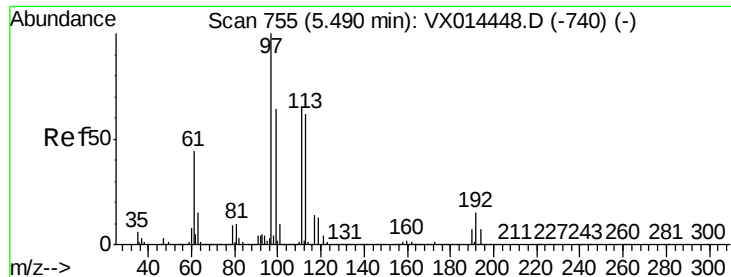
Tot Ion: 65 Resp: 267259
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014557.D
 Acq: 11 Jan 2020 00:06

Tgt Ion: 114 Resp: 741843
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 16.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.405 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014557.D

Acq: 11 Jan 2020 00:06

Instrument :

MSVOA_X

ClientSampled :

SOIL-B

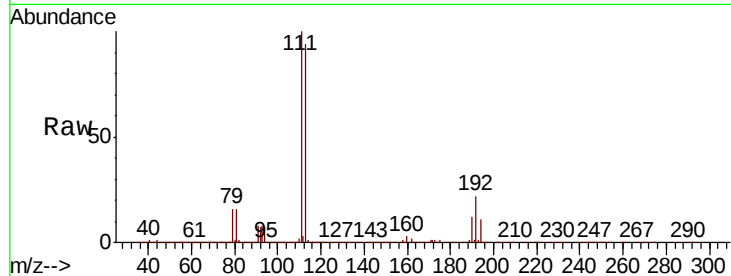
Tot Ion:113 Resp: 221864

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

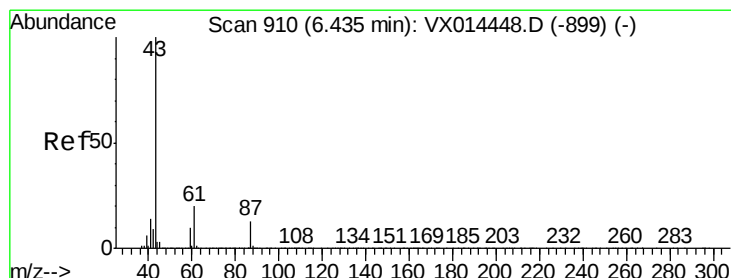
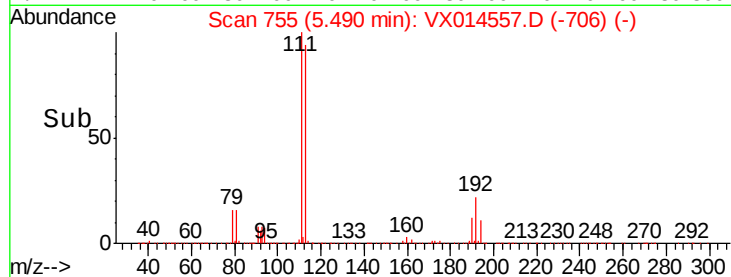
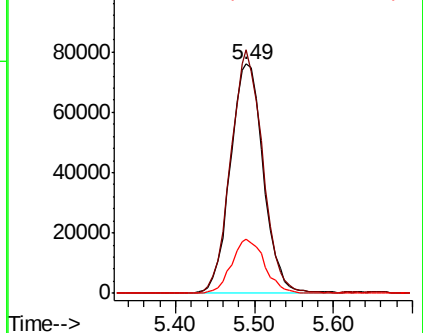
192 23.6 19.2 28.8



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: 10.316 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014557.D

Acq: 11 Jan 2020 00:06

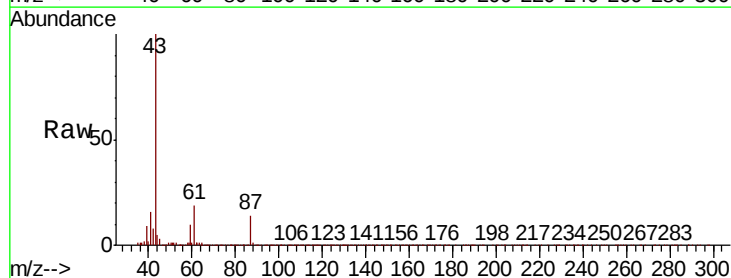
Tgt Ion: 43 Resp: 126281

Ion Ratio Lower Upper

43 100

61 19.5 16.6 24.8

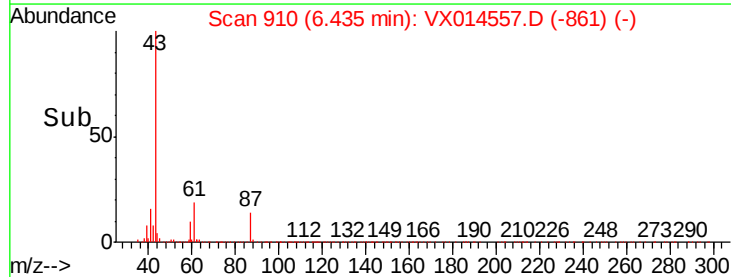
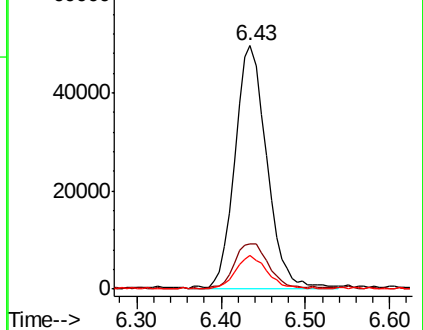
87 13.9 10.8 16.2

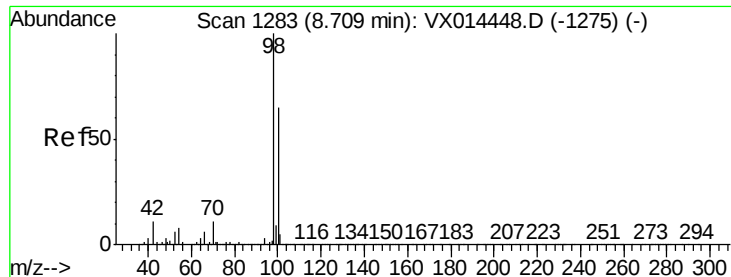


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.193 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014557.D

Acq: 11 Jan 2020 00:06

Instrument :

MSVOA_X

ClientSampleId :

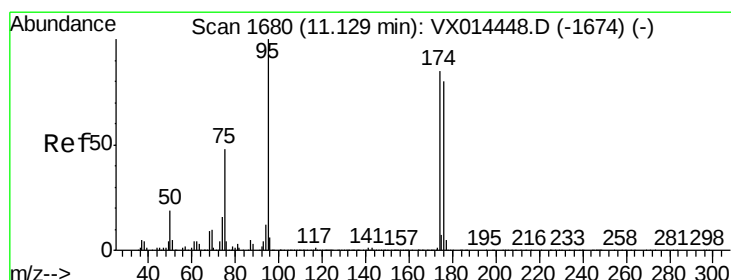
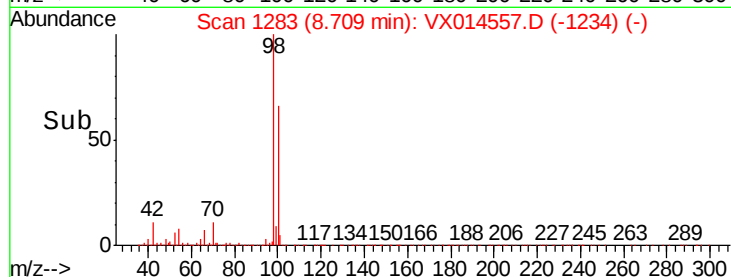
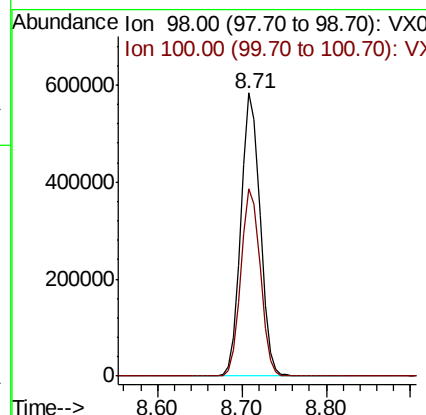
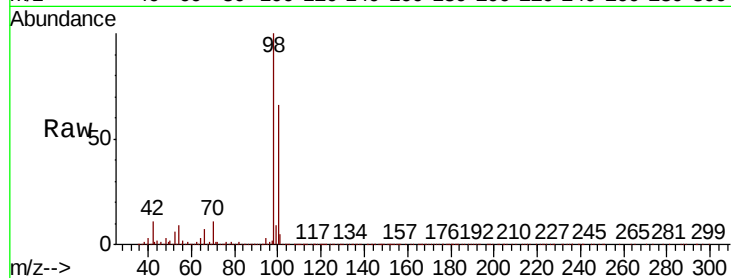
SOIL-B

Tot Ion: 98 Resp: 892138

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 46.434 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014557.D

Acq: 11 Jan 2020 00:06

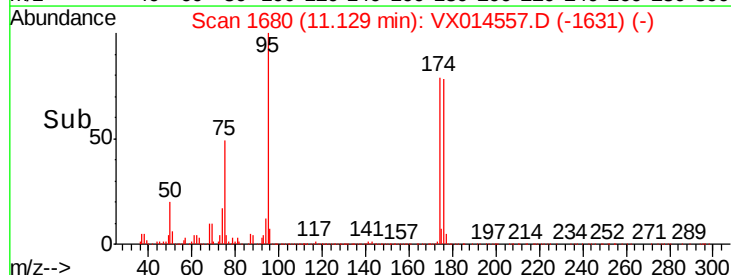
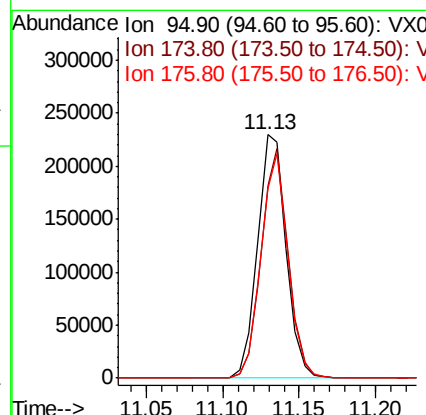
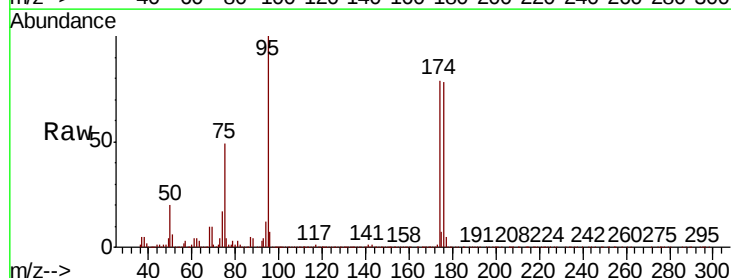
Tgt Ion: 95 Resp: 297068

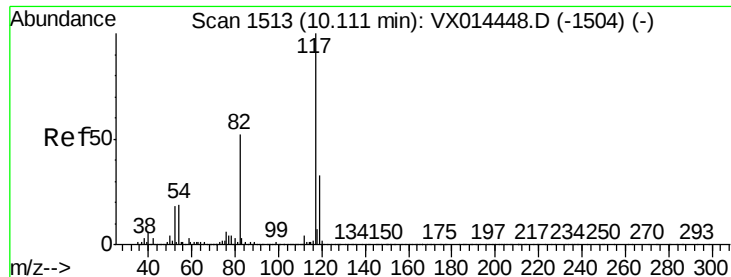
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.8

176 88.3 0.0 172.8

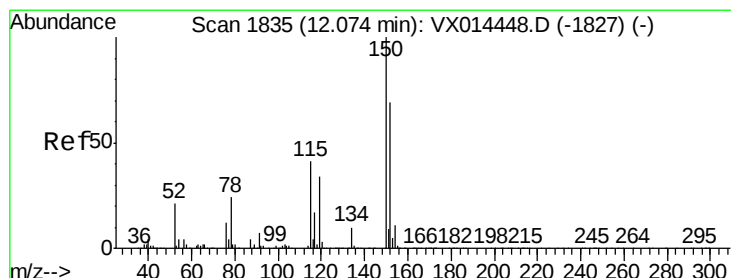
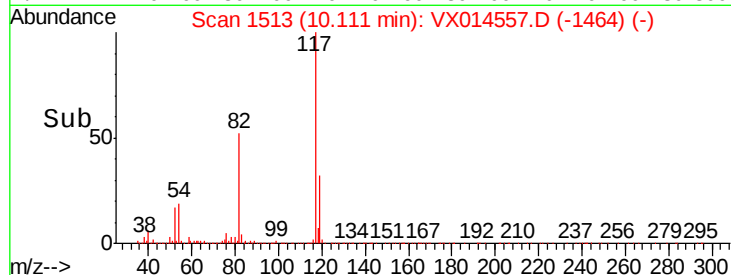
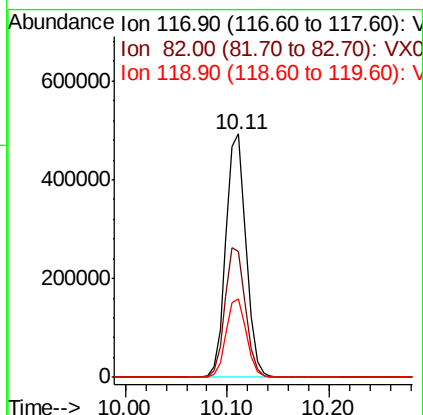
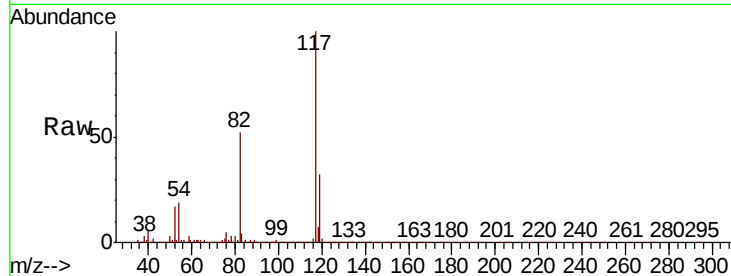




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014557.D
Acq: 11 Jan 2020 00:06

Instrument :
MSVOA_X
ClientSampleId :
SOIL-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.8	62.6
119	32.3	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014557.D
Acq: 11 Jan 2020 00:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.5	118.3
150	154.0	0.0	350.2

