

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014556.D
 Acq On : 10 Jan 2020 23:43
 Operator : JC/SP
 Sample : L1064-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-A

Quant Time: Jan 11 00:53:18 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

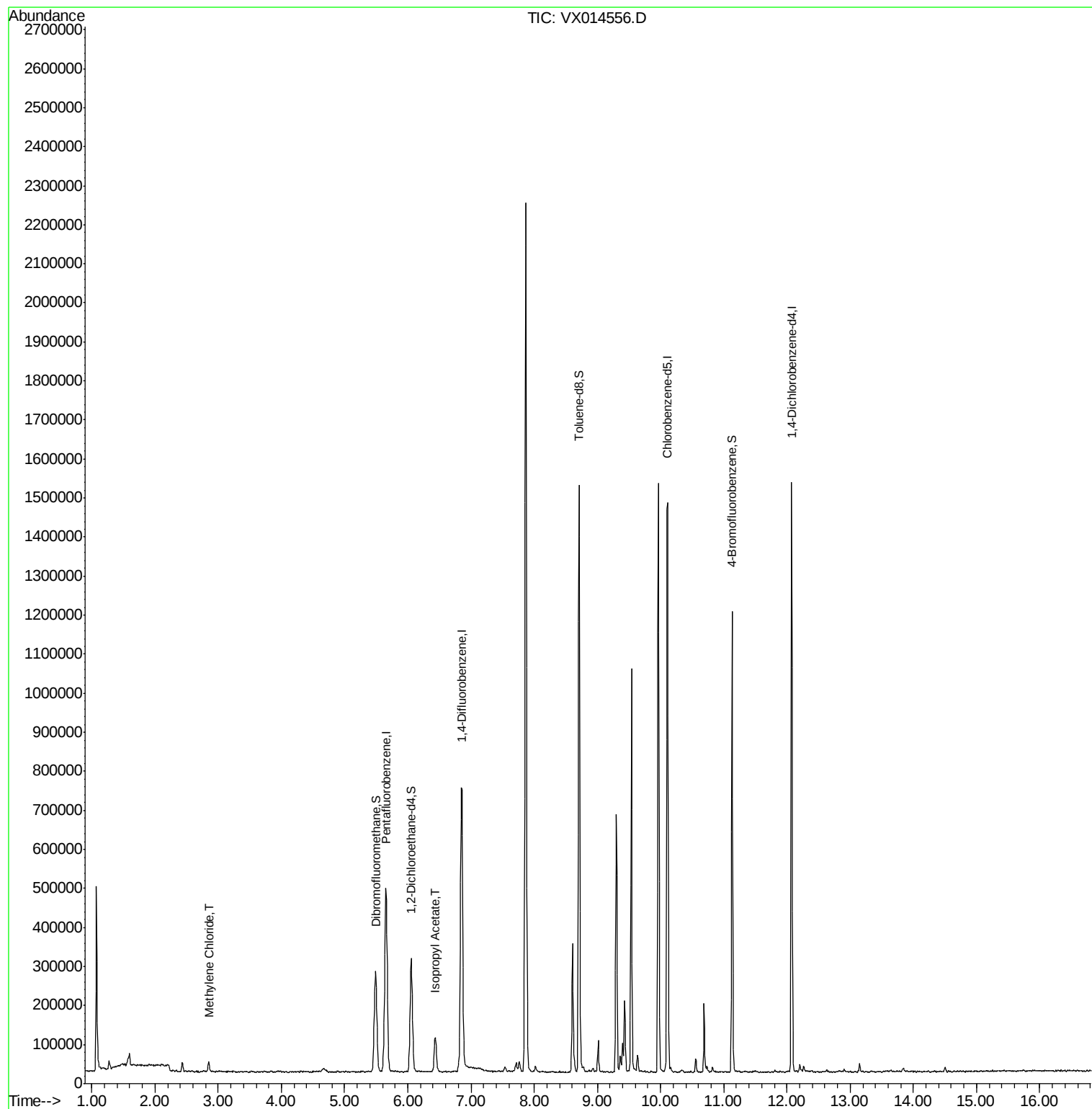
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	484625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	755320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	693094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	315872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	271871	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	5.49	113	228226	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	907505	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.14	95	310786	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
20) Methylene Chloride	2.85	84	11506	2.114	ug/l	99
43) Isopropyl Acetate	6.43	43	124888	10.020	ug/l	99

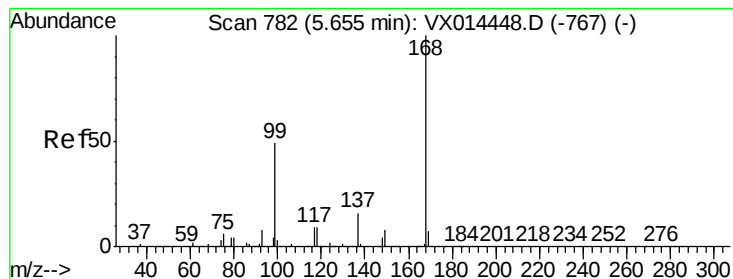
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014556.D

Acq: 10 Jan 2020 23:43

Instrument :

MSVOA_X

ClientSampleId :

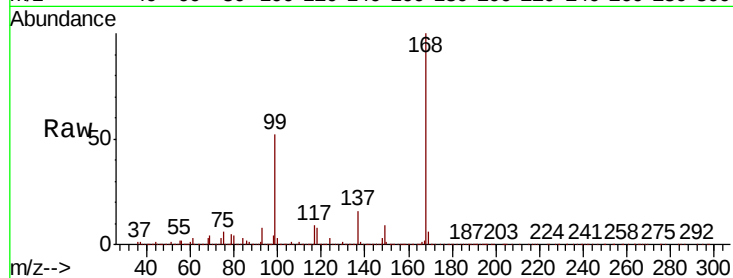
SOIL-A

Tot Ion:168 Resp: 484625

Ion Ratio Lower Upper

168 100

99 51.6 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

200000

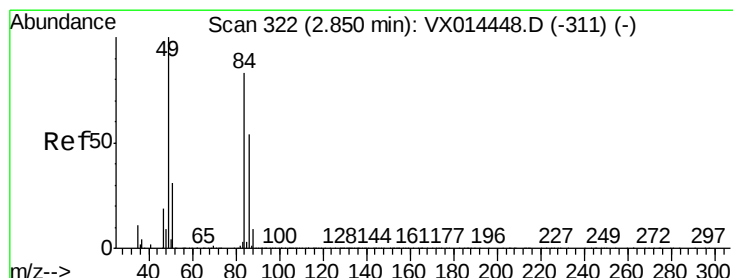
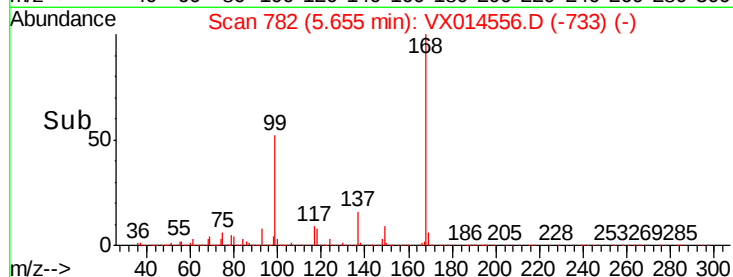
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.114 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014556.D

Acq: 10 Jan 2020 23:43

Tgt Ion: 84 Resp: 11506

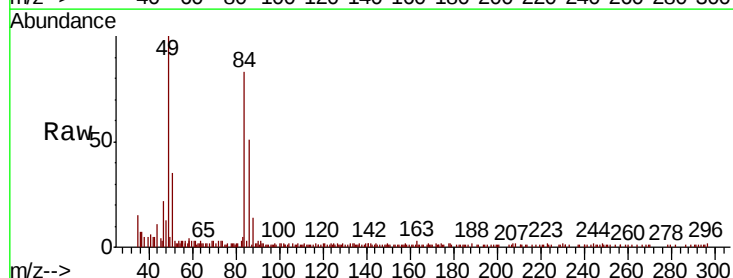
Ion Ratio Lower Upper

84 100

49 119.7 95.8 143.8

51 37.8 30.2 45.4

86 60.8 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

12000

10000

8000

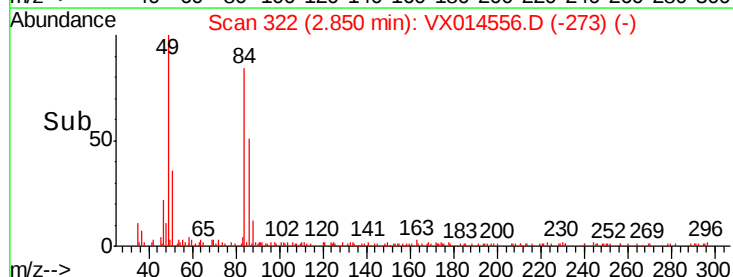
6000

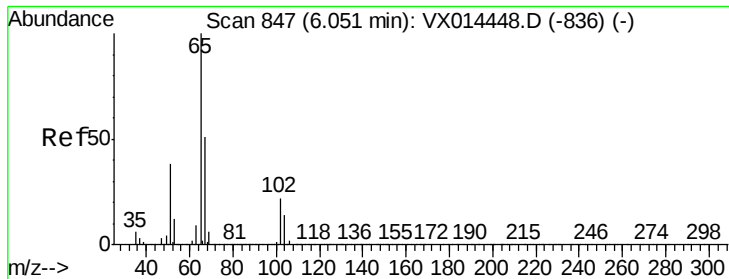
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.253 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014556.D

Acq: 10 Jan 2020 23:43

Instrument :

MSVOA_X

ClientSampled :

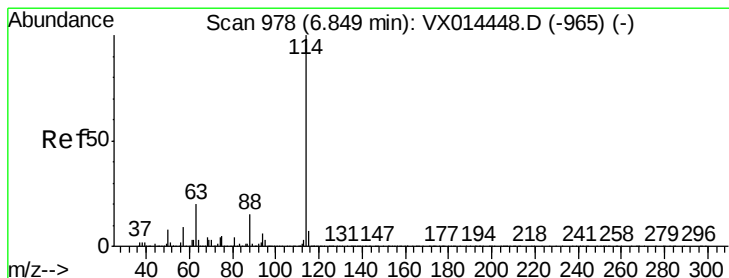
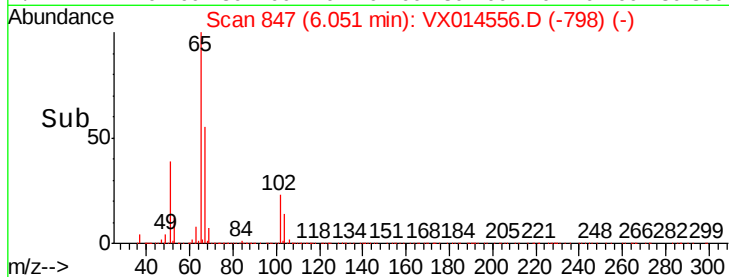
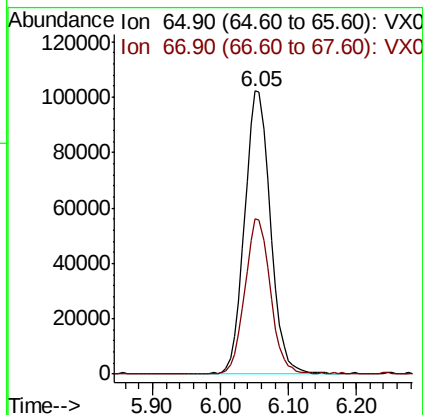
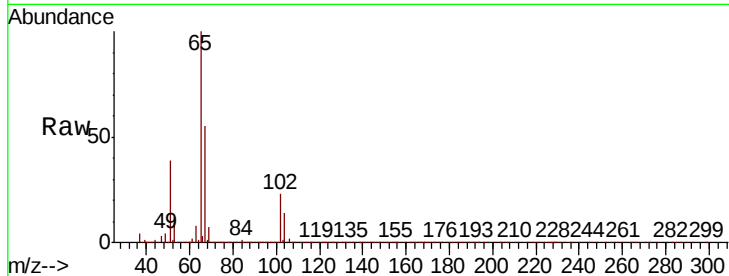
SOIL-A

Tot Ion: 65 Resp: 271871

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014556.D

Acq: 10 Jan 2020 23:43

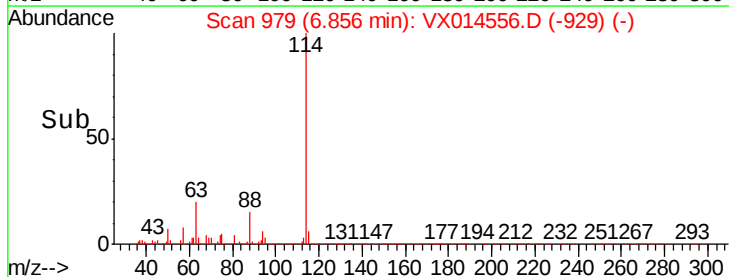
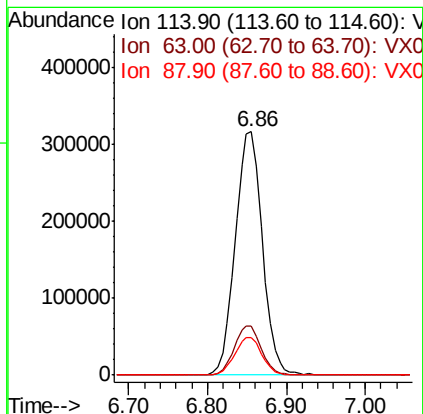
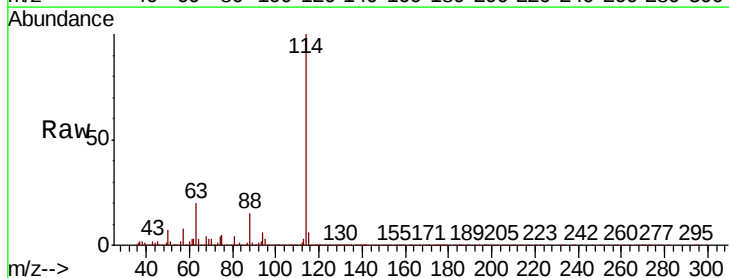
Tgt Ion: 114 Resp: 755320

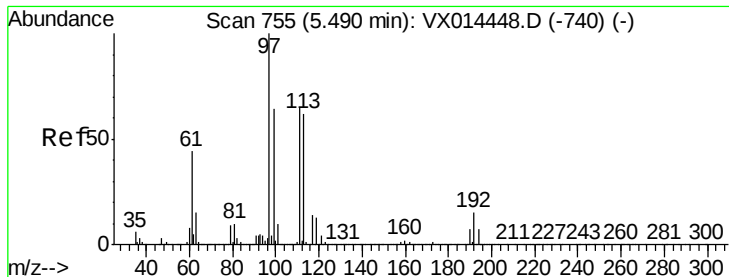
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.915 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014556.D

Acq: 10 Jan 2020 23:43

Instrument :
MSVOA_X
ClientSampleId :
SOIL-A

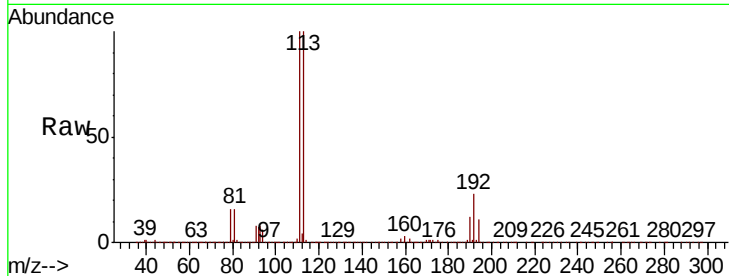
Tot Ion:113 Resp: 228226

Ion Ratio Lower Upper

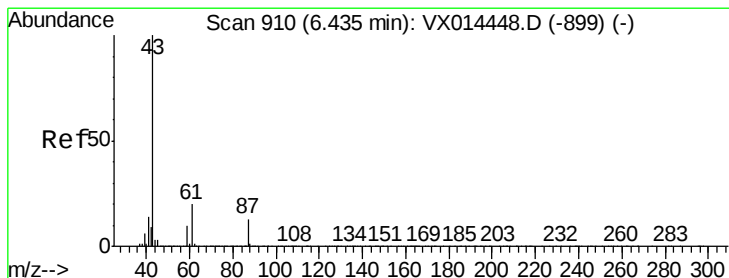
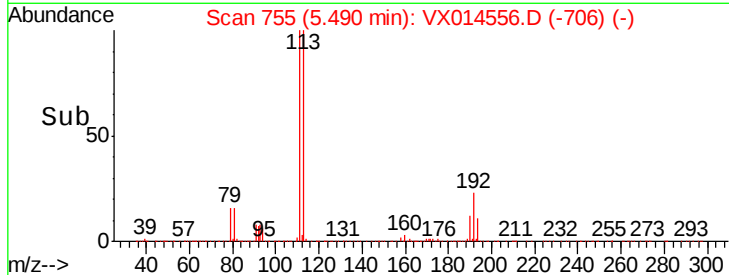
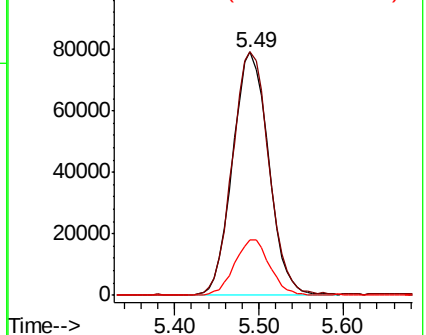
113 100

111 100.9 81.5 122.3

192 22.6 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: 10.020 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014556.D

Acq: 10 Jan 2020 23:43

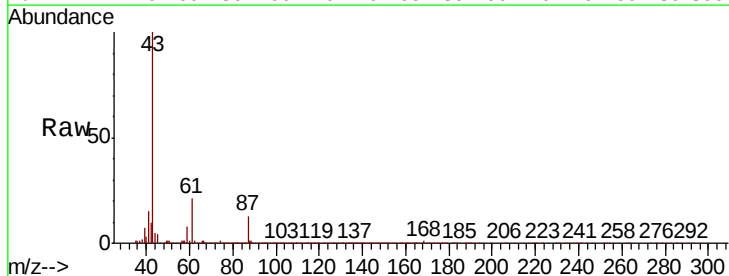
Tgt Ion: 43 Resp: 124888

Ion Ratio Lower Upper

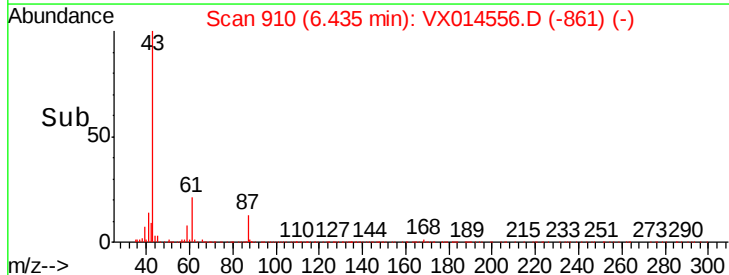
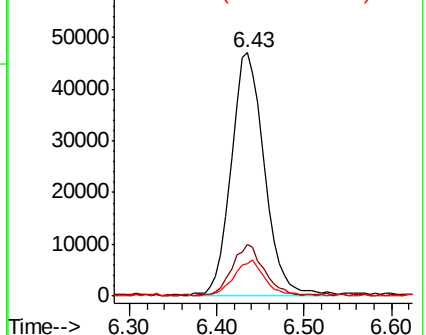
43 100

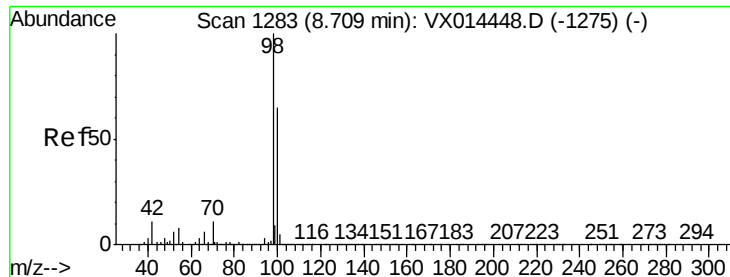
61 21.1 16.6 24.8

87 13.2 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: 51.146 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014556.D

Acq: 10 Jan 2020 23:43

Instrument :

MSVOA_X

ClientSampleId :

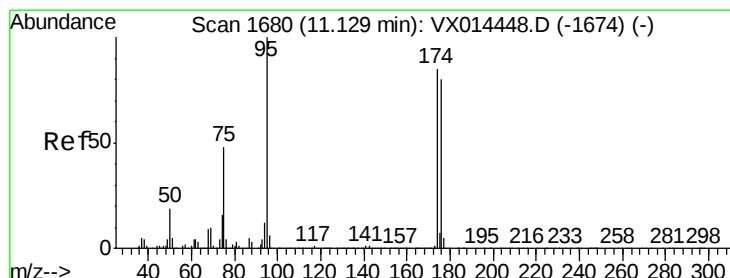
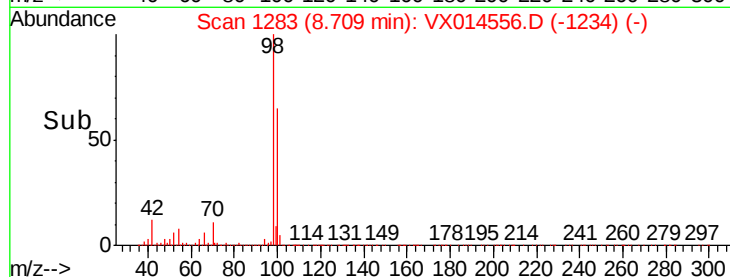
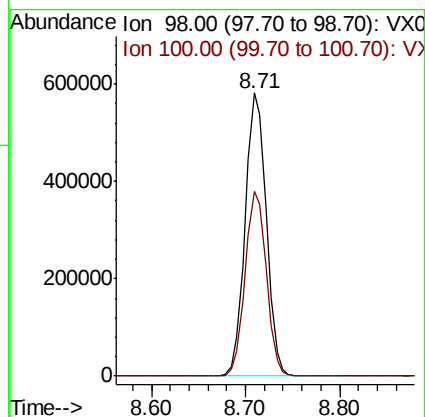
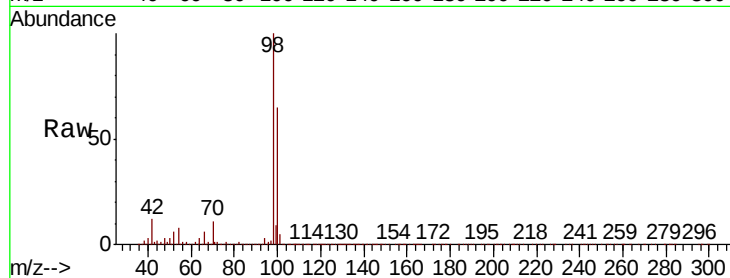
SOIL-A

Tot Ion: 98 Resp: 907505

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.712 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014556.D

Acq: 10 Jan 2020 23:43

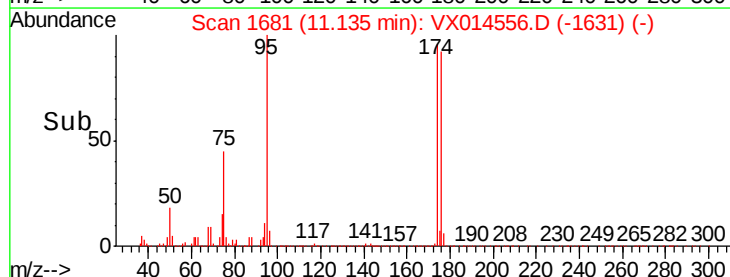
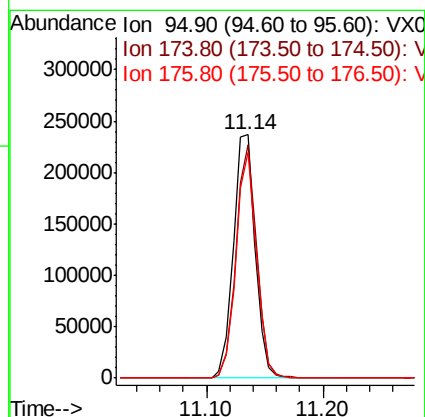
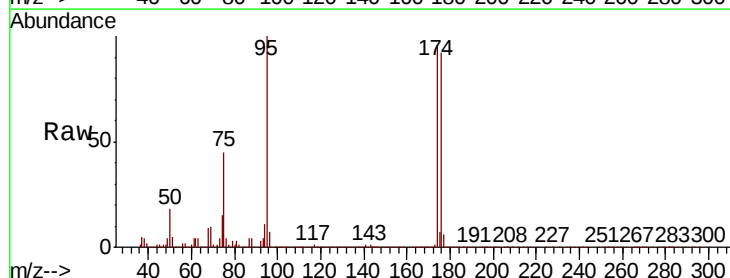
Tgt Ion: 95 Resp: 310786

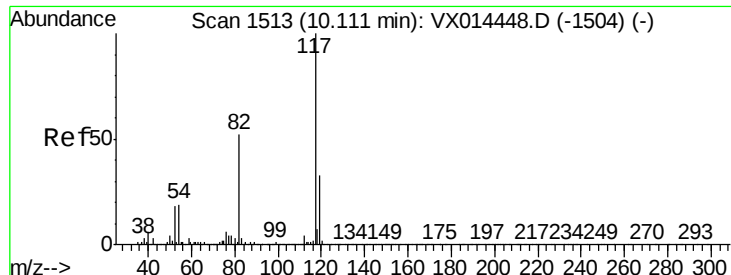
Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.8

176 87.3 0.0 172.8

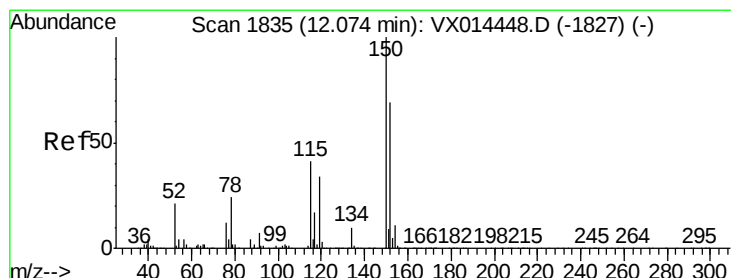
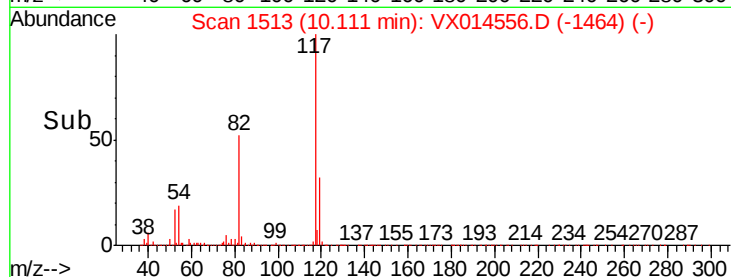
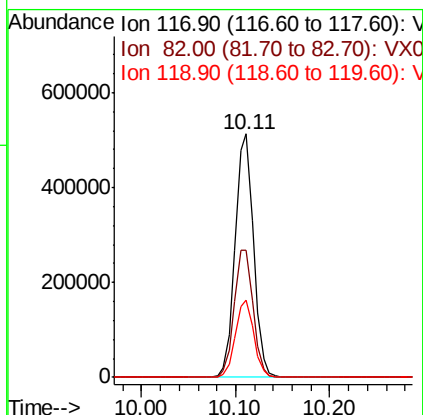
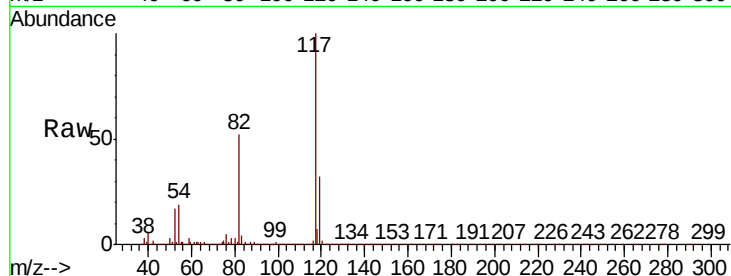




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014556.D
Acq: 10 Jan 2020 23:43

Instrument :
MSVOA_X
ClientSampleId :
SOIL-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.8	62.6
119	31.9	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: VX014556.D
Acq: 10 Jan 2020 23:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.5	118.3
150	158.0	0.0	350.2

