

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014701.D
 Acq On : 24 Jan 2020 16:56
 Operator : JC/SP
 Sample : L1250-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jan 24 23:27:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	441814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	688615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	624842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278369	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	251197	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.49	113	209624	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	8.71	98	822077	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	276935	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

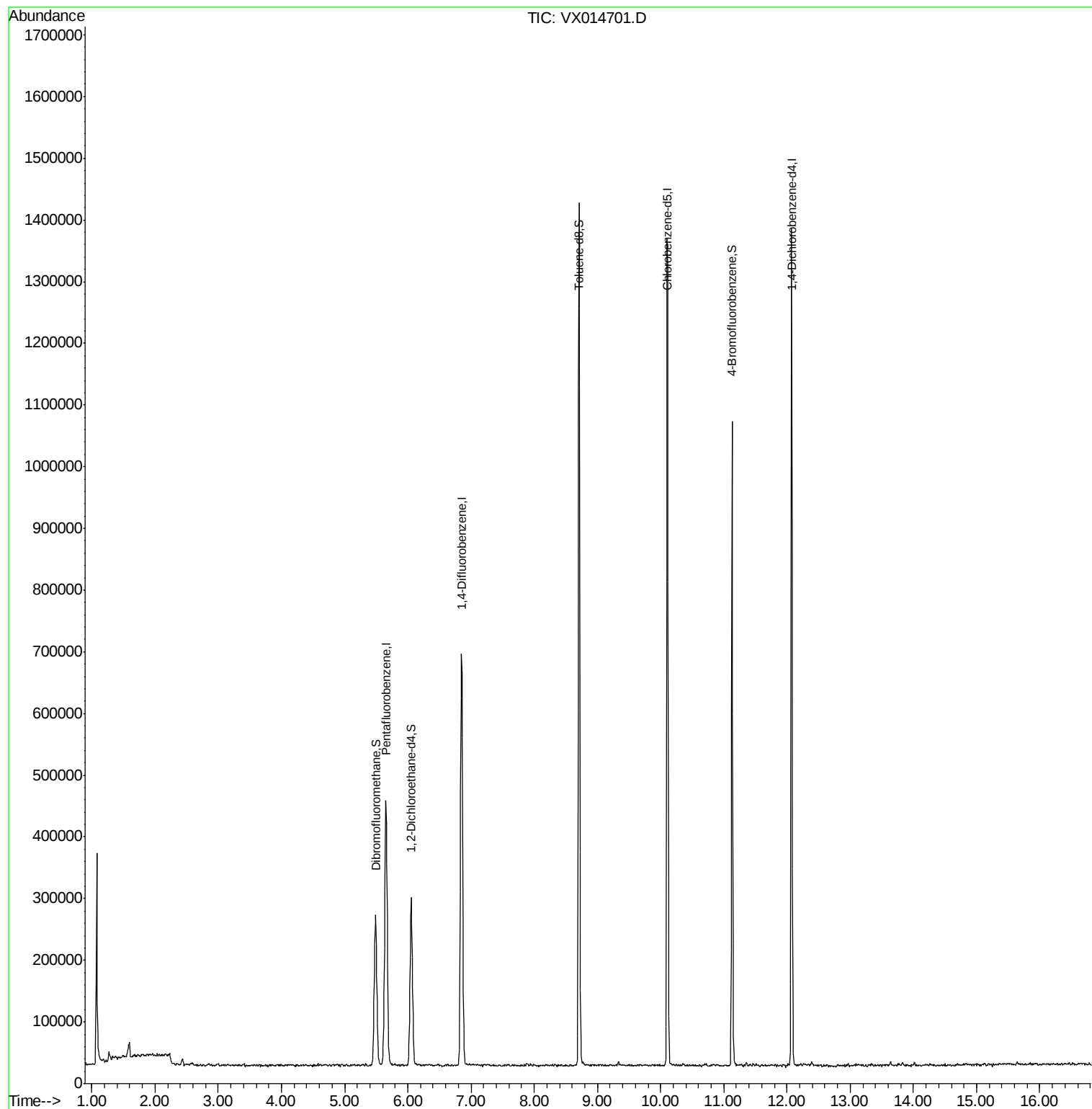
Target Compounds	Qvalue

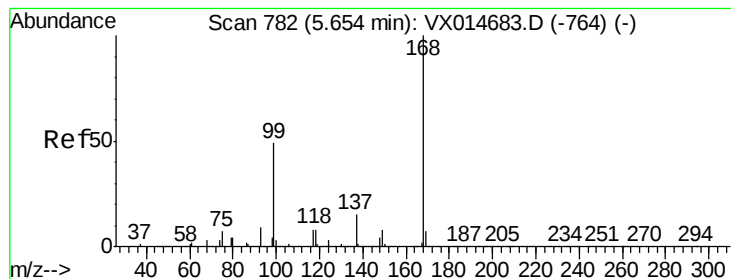
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014701.D

Acq: 24 Jan 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

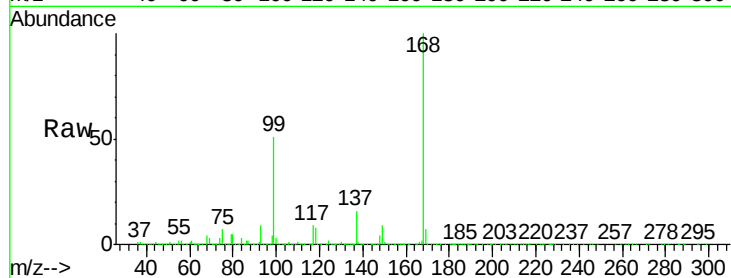
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 441814

Ion Ratio Lower Upper

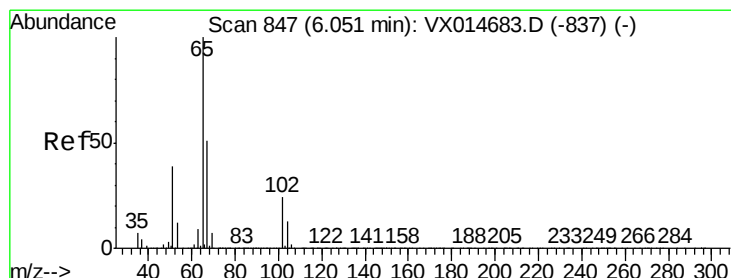
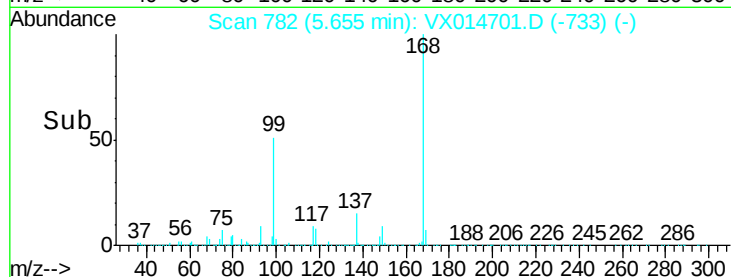
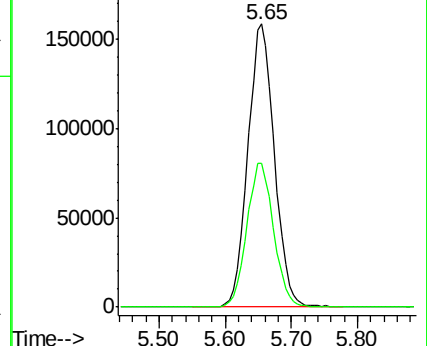
168 100

99 50.5 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.688 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014701.D

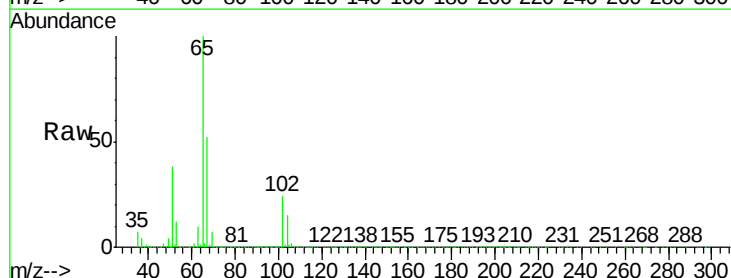
Acq: 24 Jan 2020 16:56

Tgt Ion: 65 Resp: 251197

Ion Ratio Lower Upper

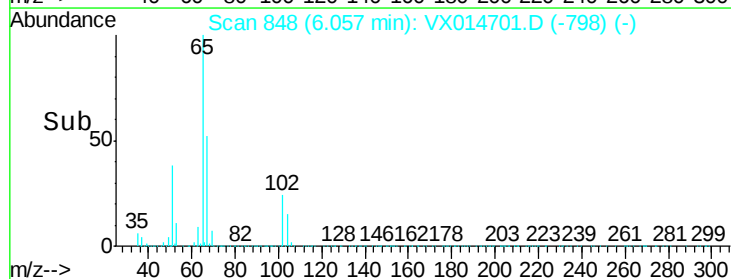
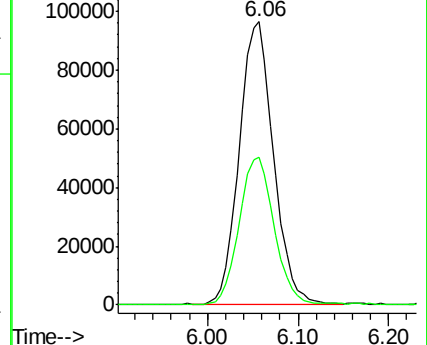
65 100

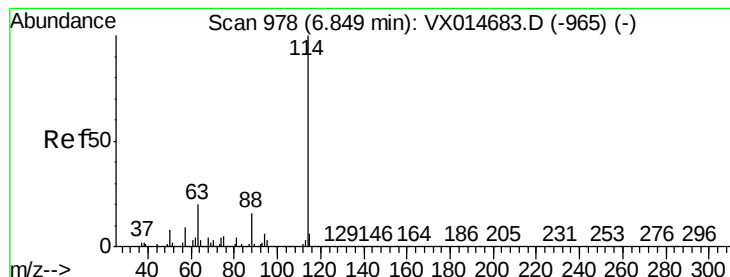
67 53.9 0.0 107.4



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014701.D

Acq: 24 Jan 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

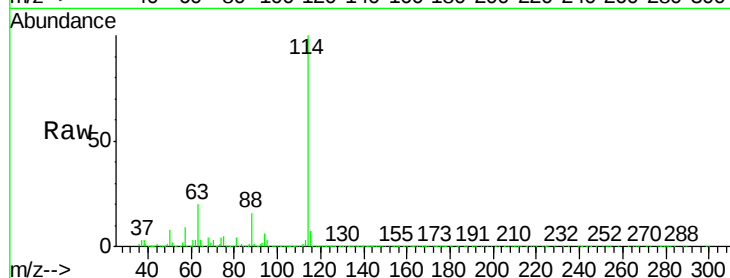
Tot Ion:114 Resp: 688615

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

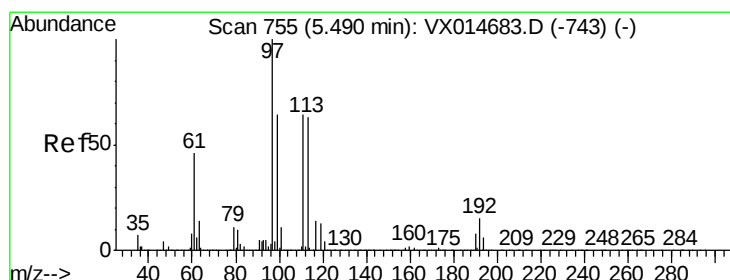
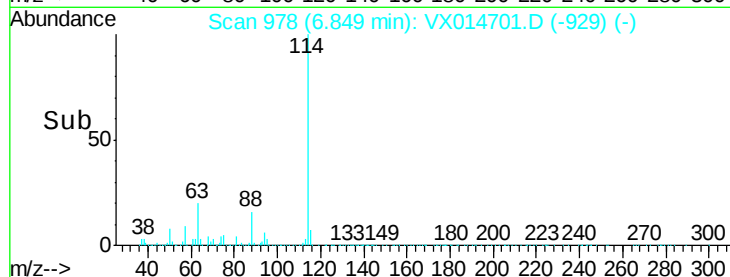
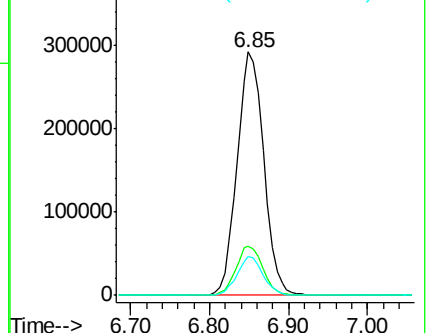
88 16.1 0.0 31.2



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: 48.244 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014701.D

Acq: 24 Jan 2020 16:56

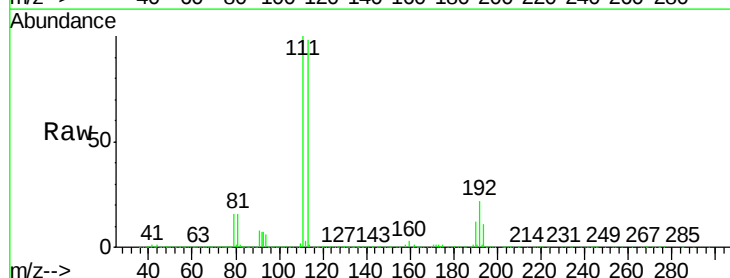
Tgt Ion:113 Resp: 209624

Ion Ratio Lower Upper

113 100

111 101.8 80.7 121.1

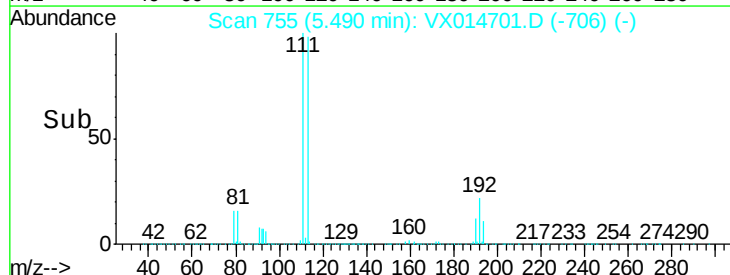
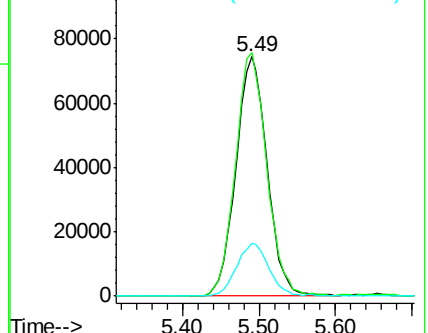
192 23.1 18.5 27.7

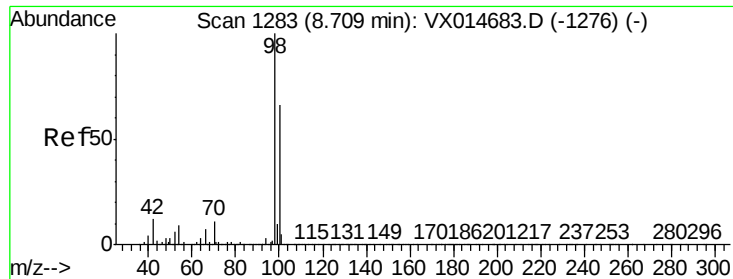


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.213 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014701.D

Acq: 24 Jan 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

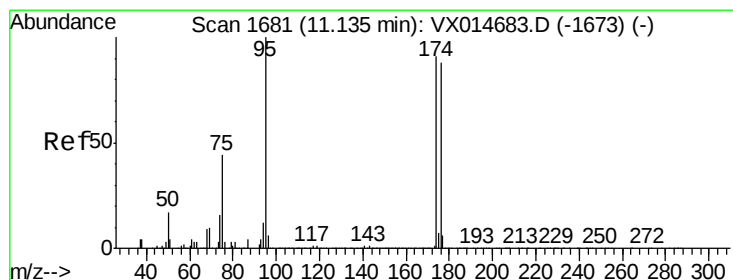
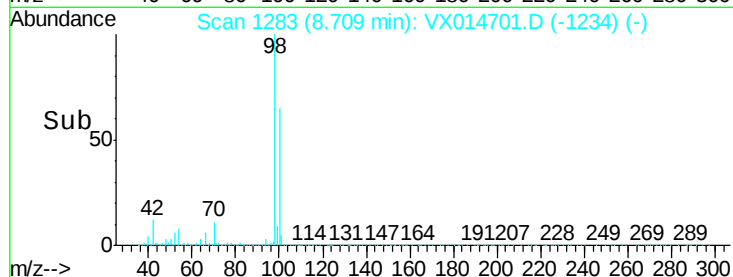
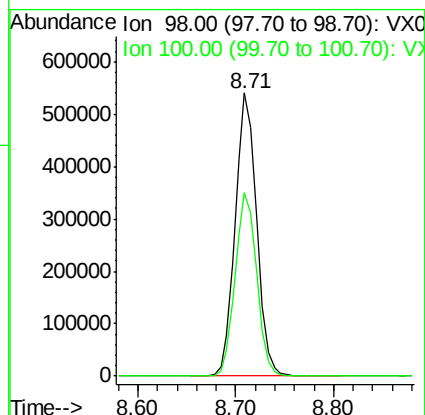
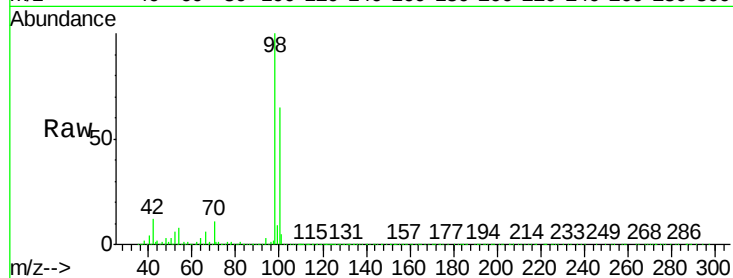
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 822077

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 46.540 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014701.D

Acq: 24 Jan 2020 16:56

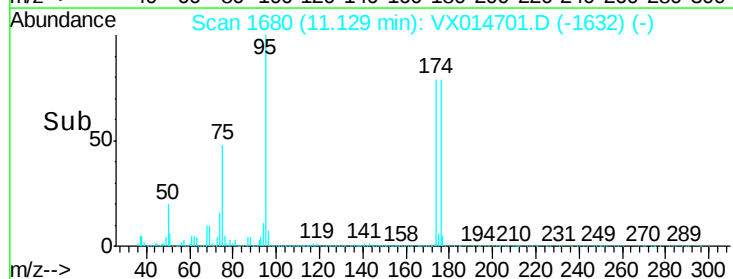
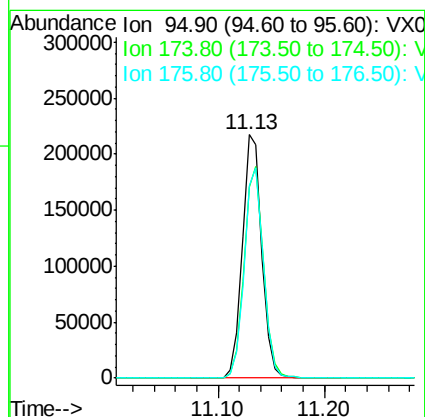
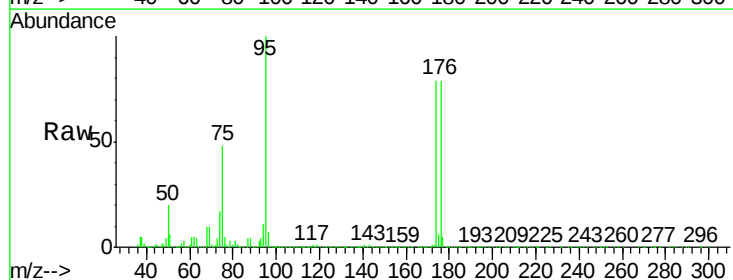
Tgt Ion: 95 Resp: 276935

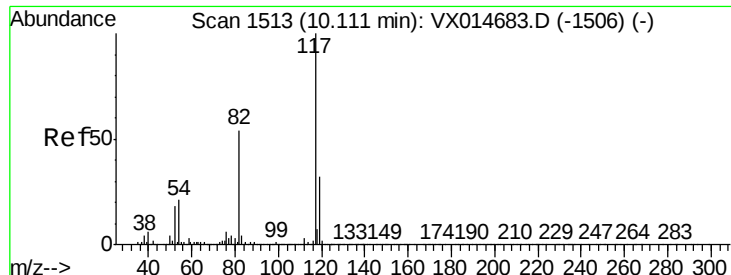
Ion Ratio Lower Upper

95 100

174 87.3 0.0 176.0

176 85.7 0.0 172.2

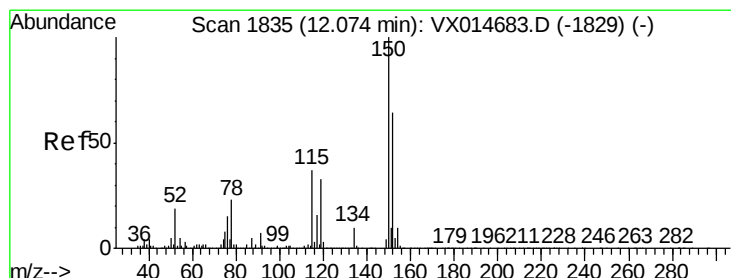
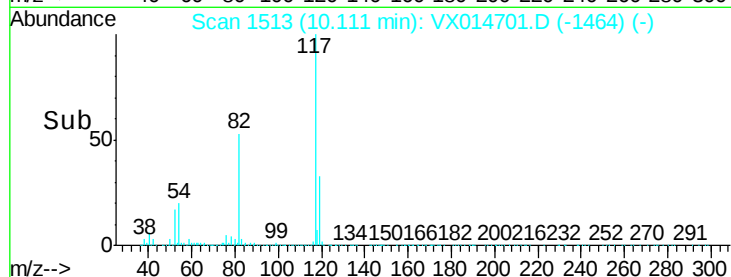
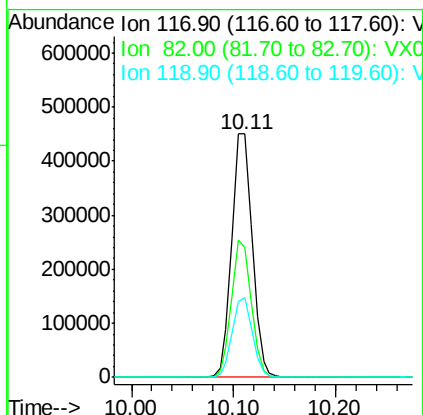
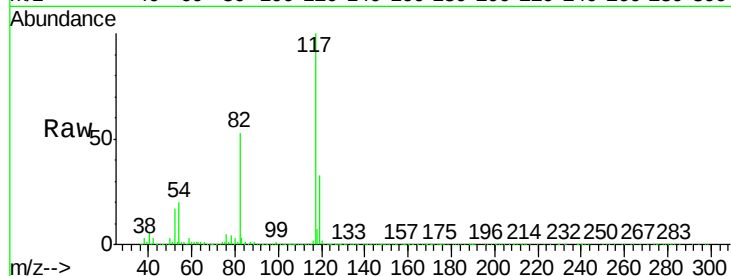




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014701.D
Acq: 24 Jan 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 624842
Ion Ratio Lower Upper
117 100
82 53.1 43.2 64.8
119 32.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014701.D
Acq: 24 Jan 2020 16:56

Tgt Ion:152 Resp: 278369
Ion Ratio Lower Upper
152 100
115 55.9 39.4 118.1
150 157.3 0.0 351.2

