

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122019\
 Data File : VX014167.D
 Acq On : 20 Dec 2019 12:33
 Operator : JC/SP
 Sample : K6391-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 20 23:43:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	589391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	896958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	783356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347001	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	321319	48.10	ug/l	0.00
Spiked Amount						
			Recovery	=	96.20%	
35) Dibromofluoromethane	5.49	113	264348	48.48	ug/l	0.00
Spiked Amount						
			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	1052278	49.57	ug/l	0.00
Spiked Amount						
			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	348737	44.94	ug/l	0.00
Spiked Amount						
			Recovery	=	89.88%	

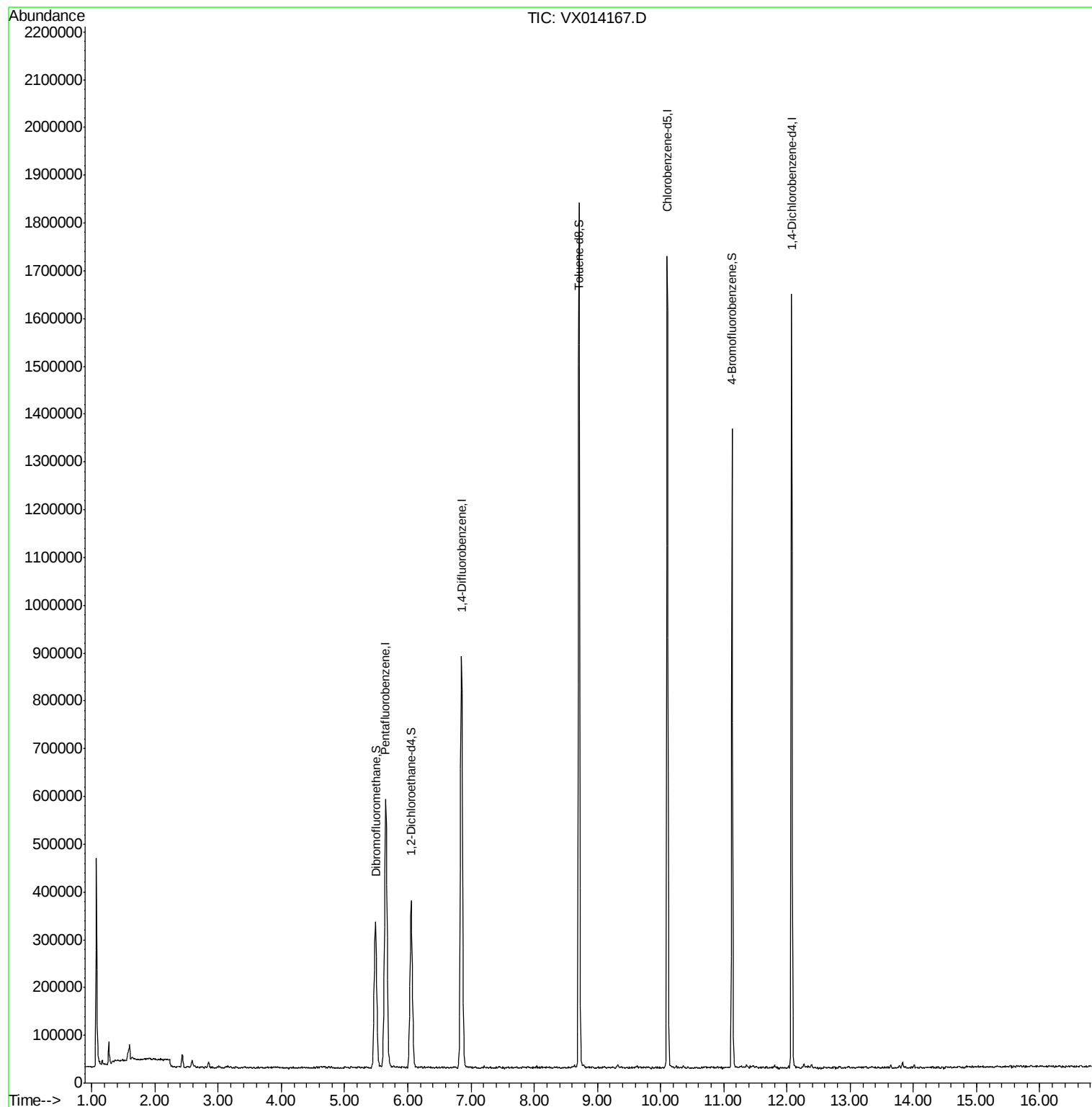
Target Compounds	Qvalue

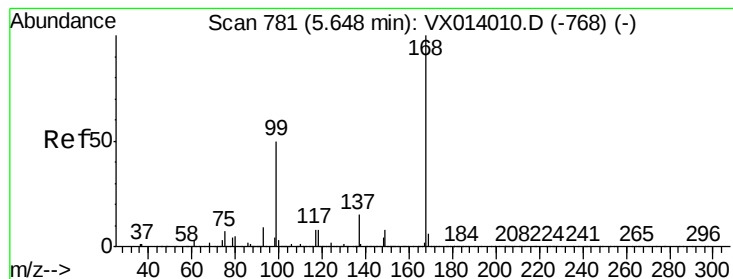
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014167.D

Acq: 20 Dec 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

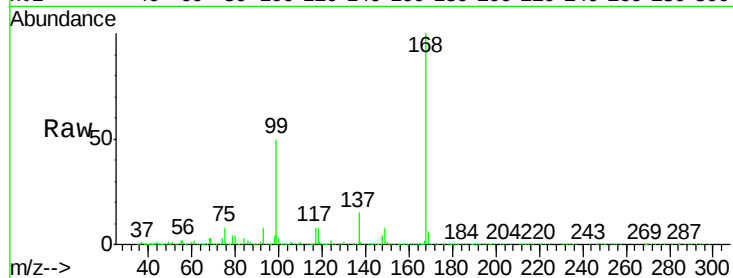
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 589391

Ion Ratio Lower Upper

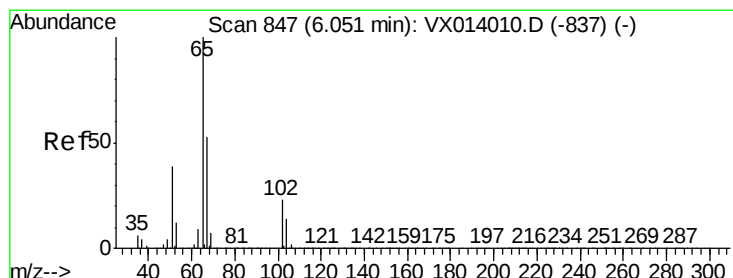
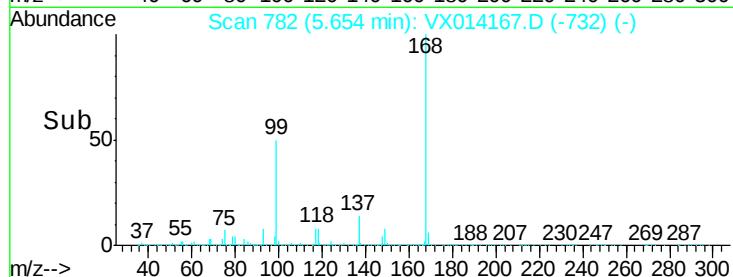
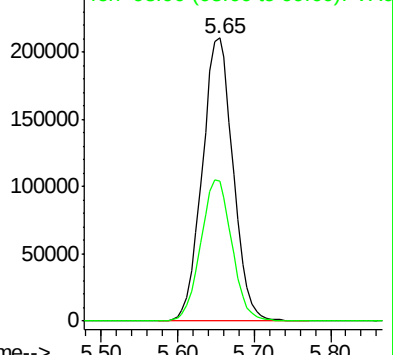
168 100

99 49.5 40.3 60.5



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: 48.102 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014167.D

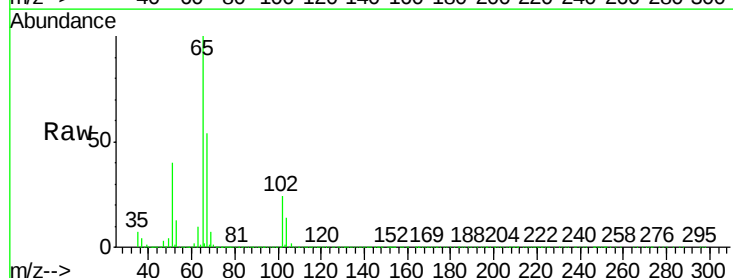
Acq: 20 Dec 2019 12:33

Tgt Ion: 65 Resp: 321319

Ion Ratio Lower Upper

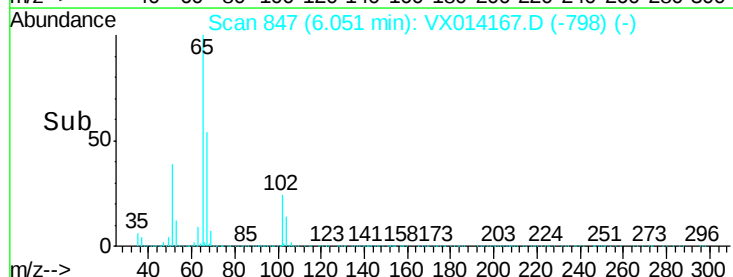
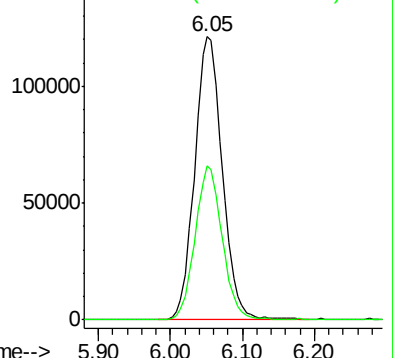
65 100

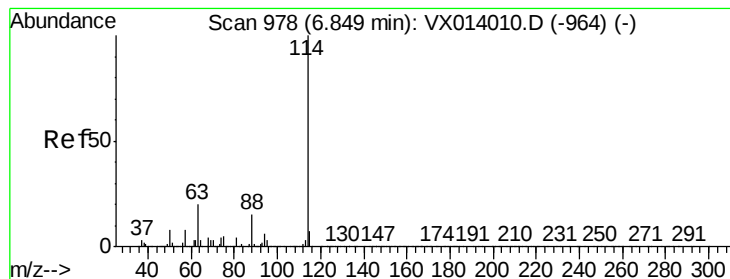
67 53.3 0.0 106.4



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: VX014167.D

Acq: 20 Dec 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

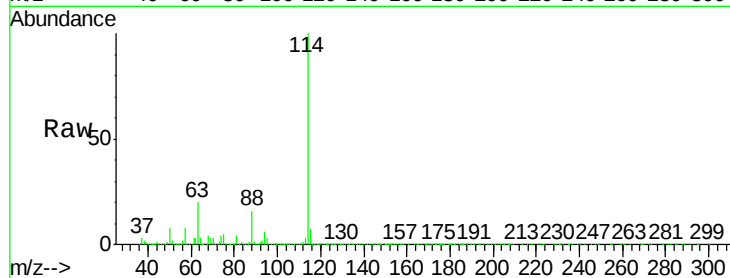
Tot Ion:114 Resp: 896958

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

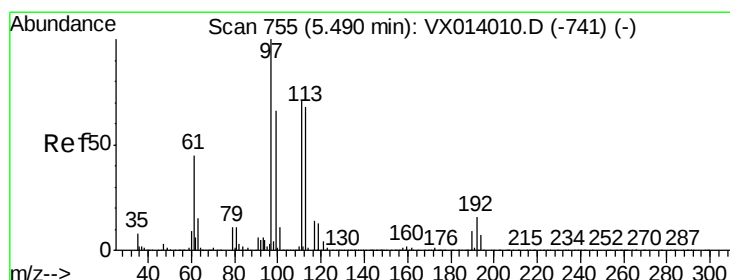
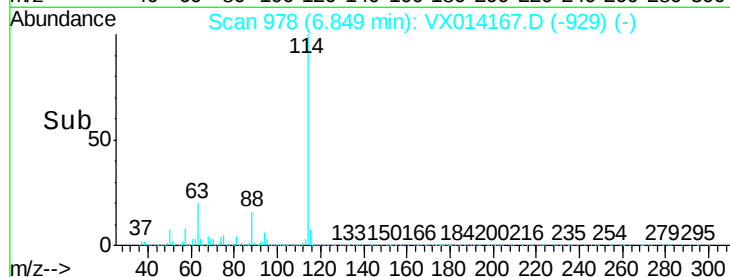
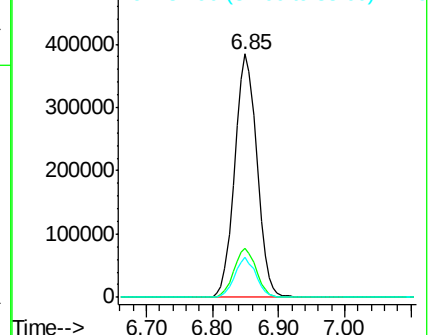
88 16.2 0.0 30.4



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: 48.482 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014167.D

Acq: 20 Dec 2019 12:33

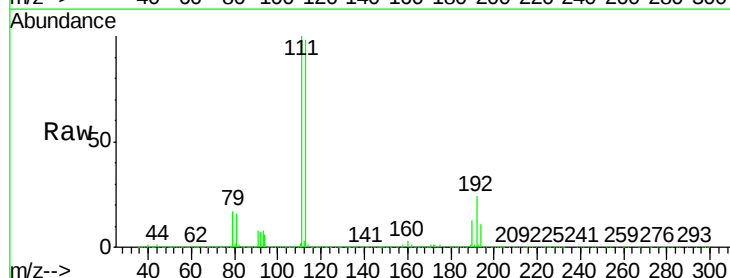
Tgt Ion:113 Resp: 264348

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

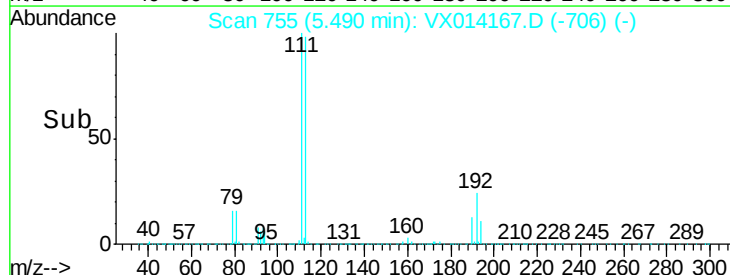
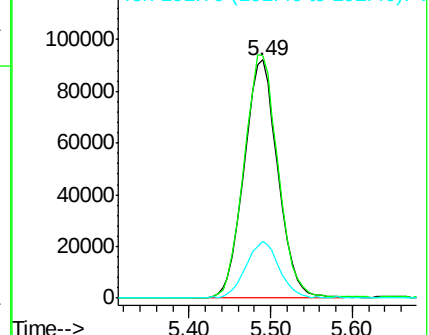
192 23.8 19.3 28.9

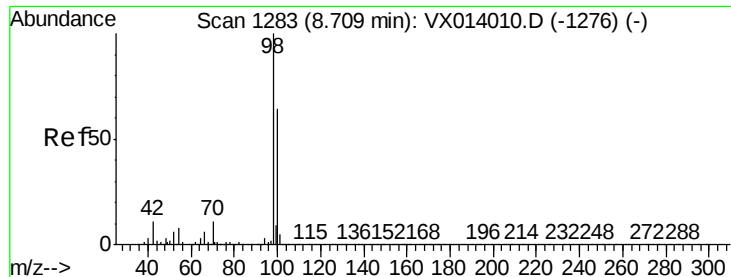


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.570 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014167.D

Acq: 20 Dec 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

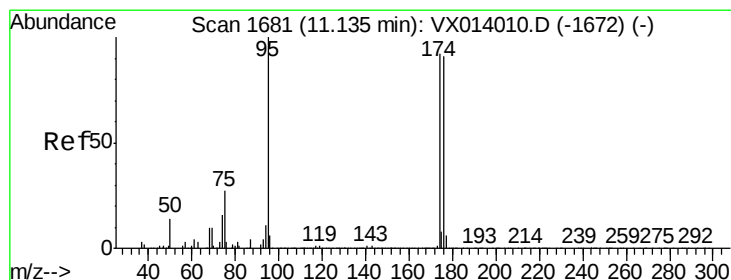
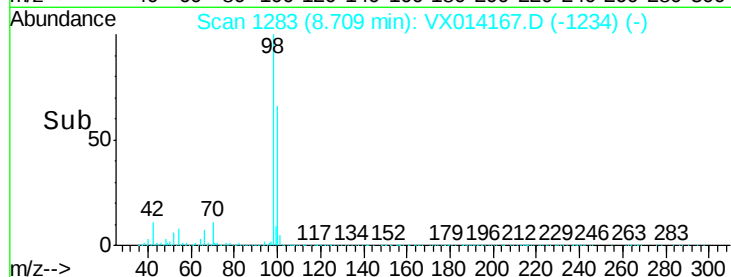
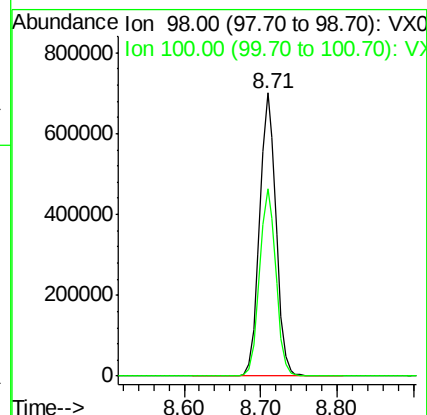
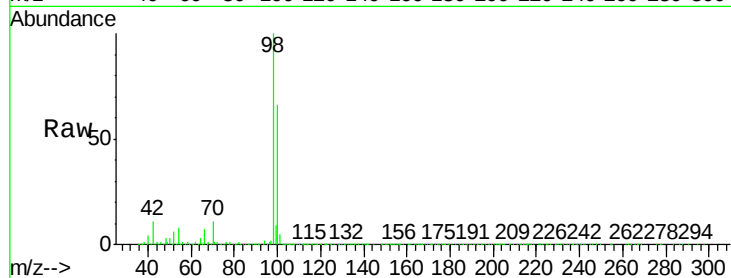
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Tot Ion: 98 Resp: 1052278

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.942 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014167.D

Acq: 20 Dec 2019 12:33

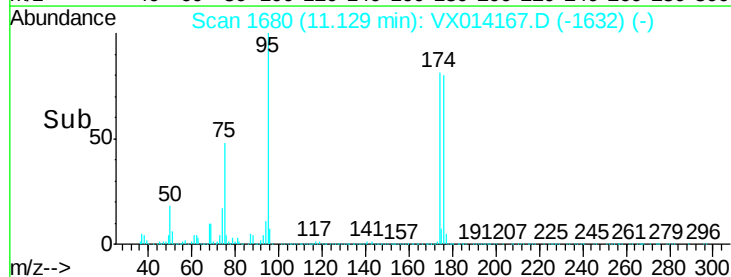
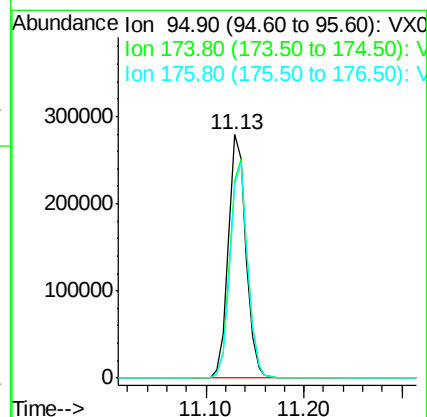
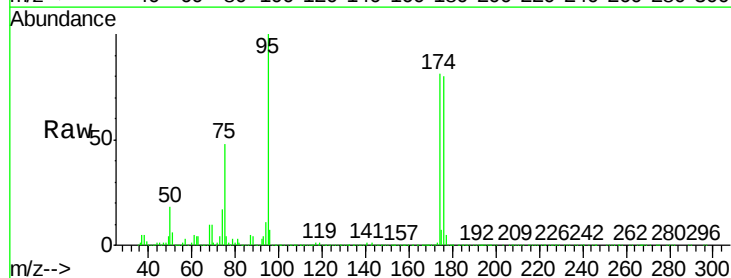
Tgt Ion: 95 Resp: 348737

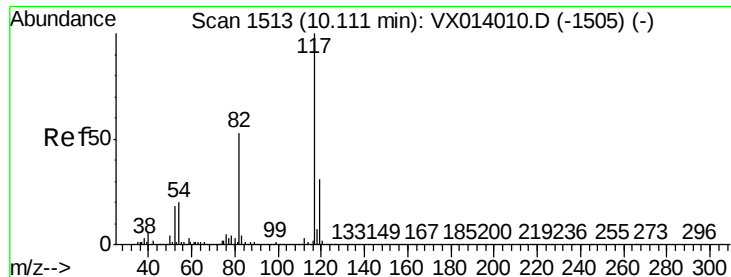
Ion Ratio Lower Upper

95 100

174 90.9 0.0 175.8

176 88.3 0.0 173.0

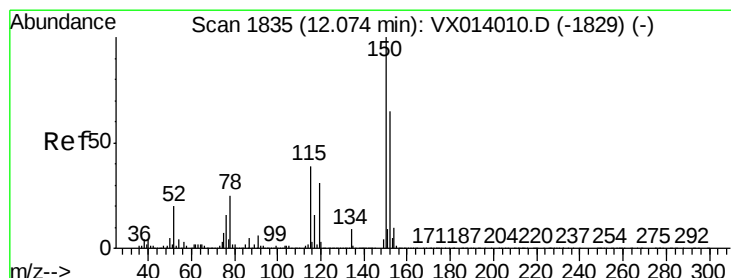
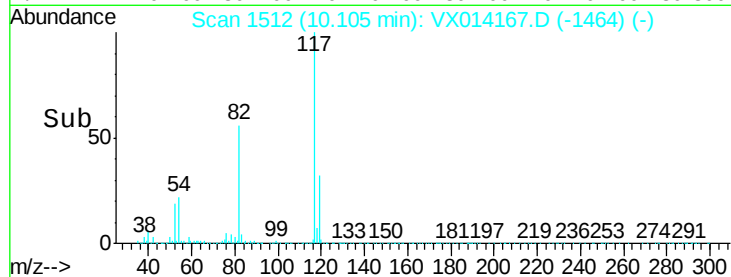
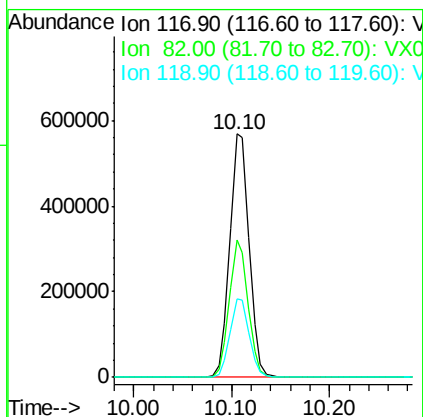
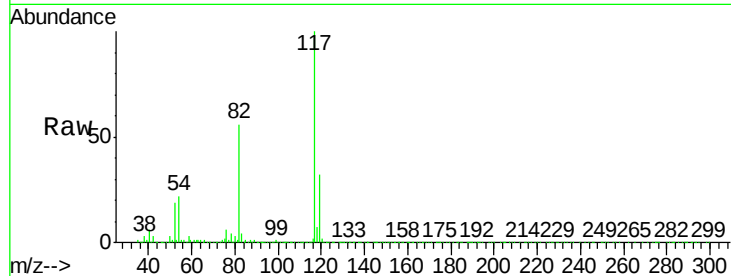




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014167.D
Acq: 20 Dec 2019 12:33

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	42.2	63.4
119	32.2	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014167.D
Acq: 20 Dec 2019 12:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.3	114.9
150	157.3	0.0	345.4

