

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014890.D
 Acq On : 10 Feb 2020 16:08
 Operator : JC/SP
 Sample : L1448-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Feb 11 07:12:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	440577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	677815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	644785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	346199	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	251064	50.49	ug/l	0.00
Spiked Amount						
			Recovery	=	100.98%	
35) Dibromofluoromethane	5.49	113	210345	50.48	ug/l	0.00
Spiked Amount						
			Recovery	=	100.96%	
50) Toluene-d8	8.71	98	810759	50.97	ug/l	0.00
Spiked Amount						
			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.13	95	299183	52.22	ug/l	0.00
Spiked Amount						
			Recovery	=	104.44%	

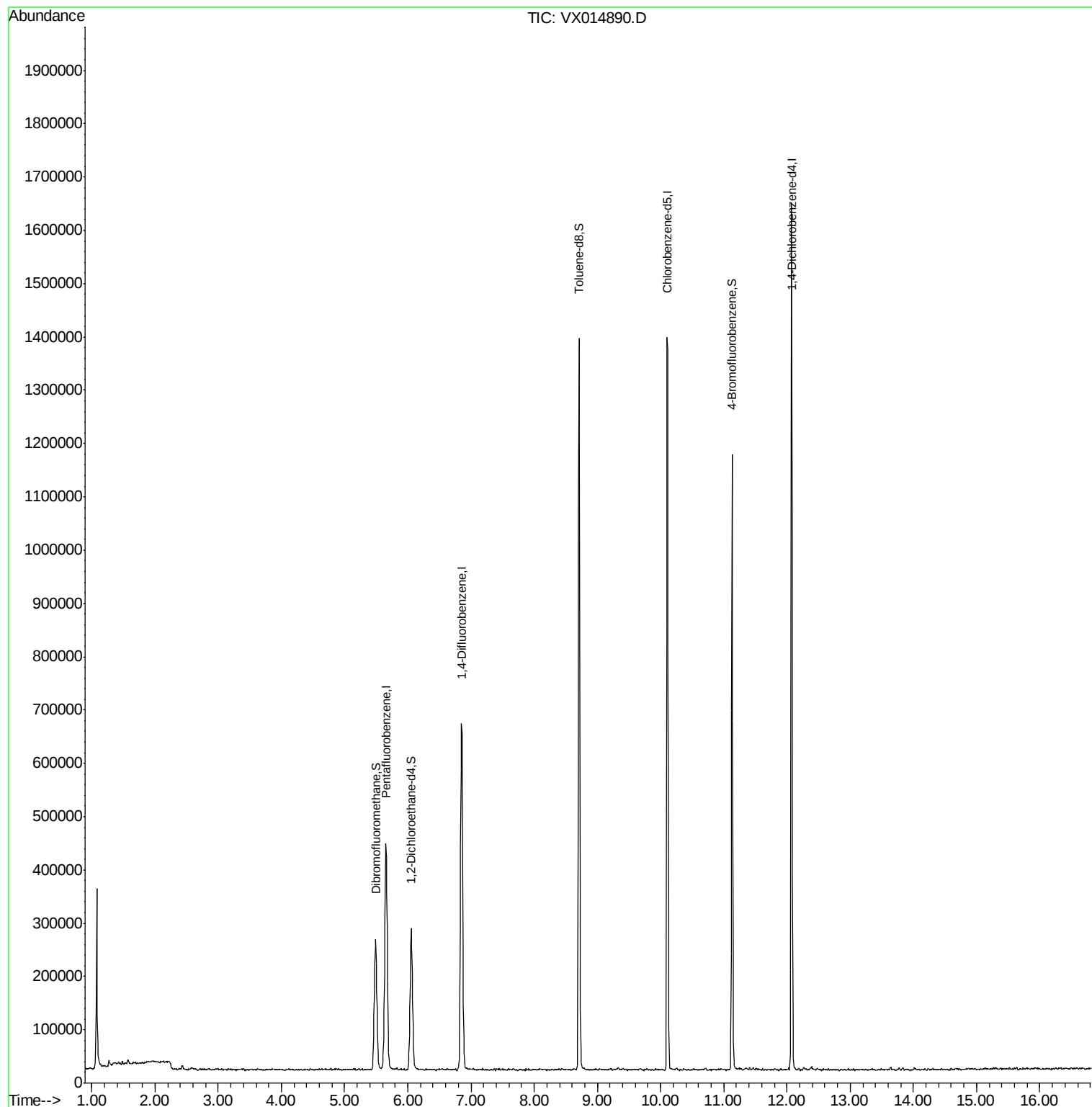
Target Compounds	Qvalue

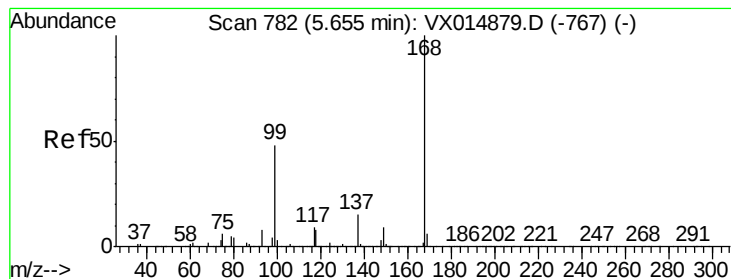
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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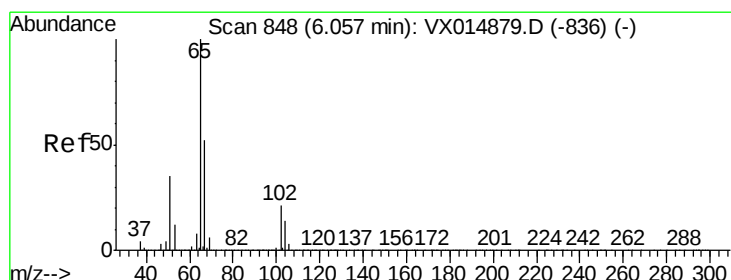
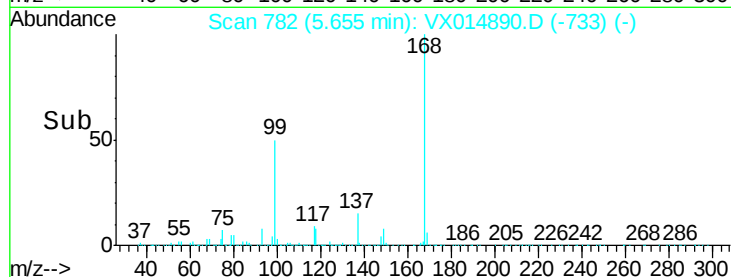
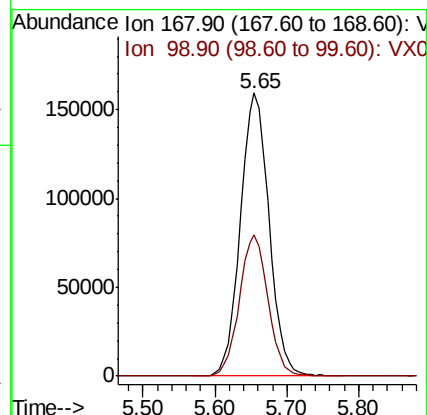
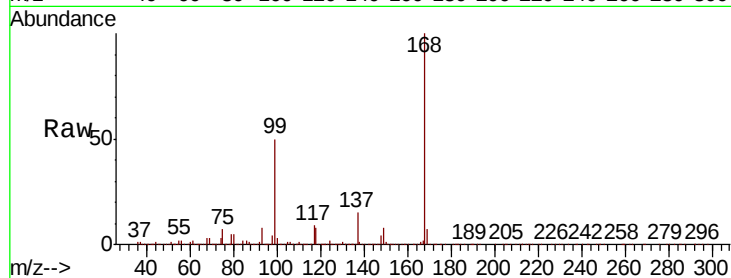


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX014890.D
 Acq: 10 Feb 2020 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

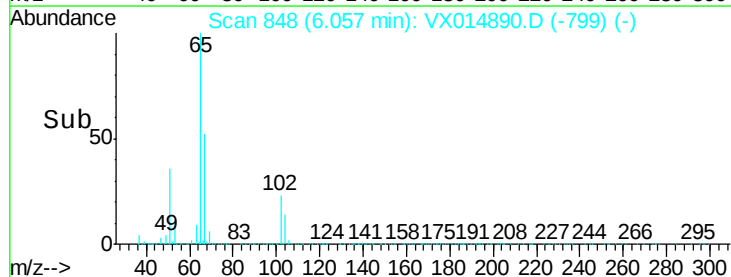
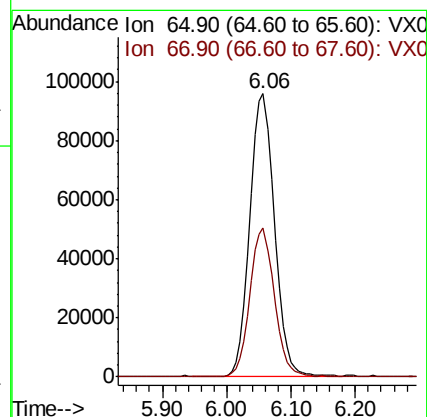
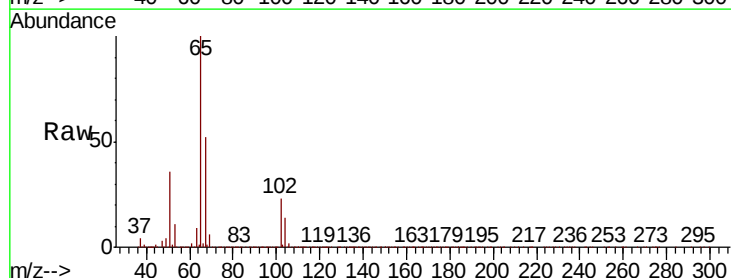
Tot Ion:168 Resp: 440577
 Ion Ratio Lower Upper
 168 100
 99 49.8 38.7 58.1

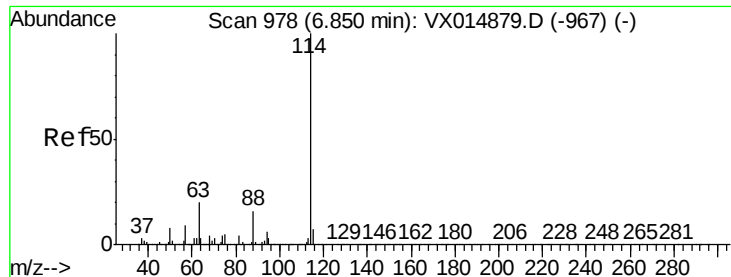


#33

1,2-Dichloroethane-d4
 Concen: 50.493 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX014890.D
 Acq: 10 Feb 2020 16:08

Tgt Ion: 65 Resp: 251064
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014890.D

Acq: 10 Feb 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

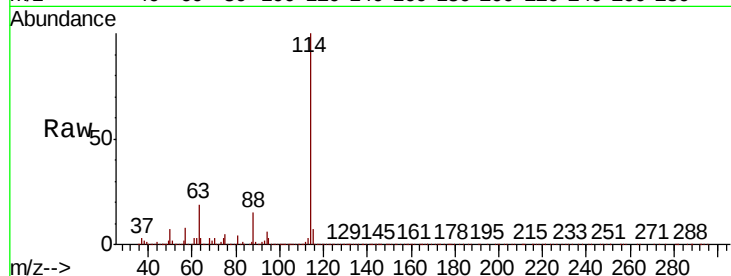
Tot Ion:114 Resp: 677815

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

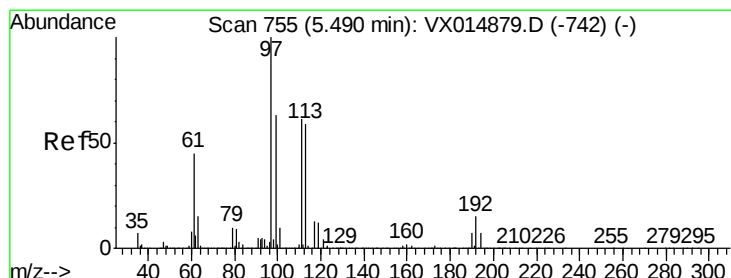
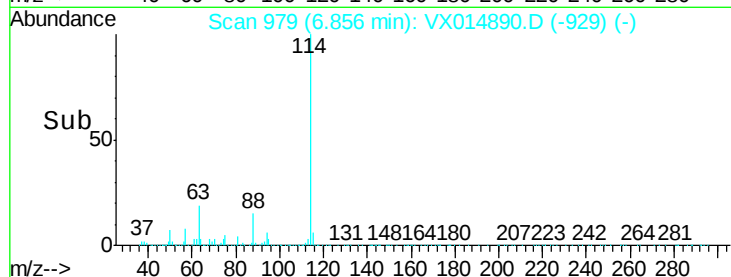
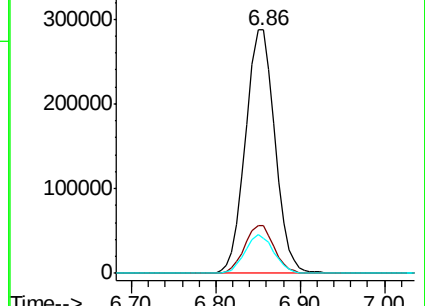
88 14.5 0.0 32.0



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: 50.478 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014890.D

Acq: 10 Feb 2020 16:08

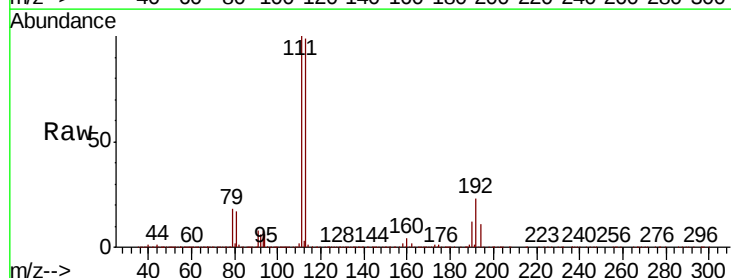
Tgt Ion:113 Resp: 210345

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

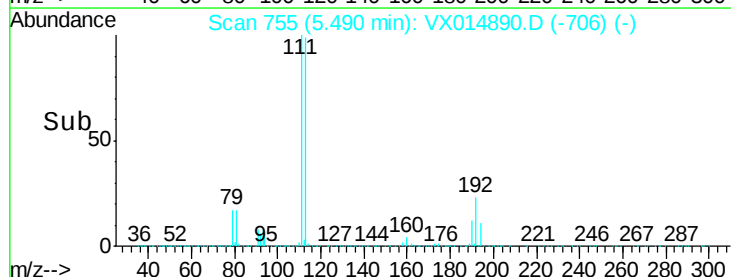
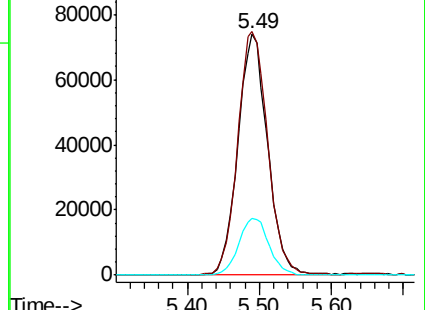
192 24.2 19.1 28.7

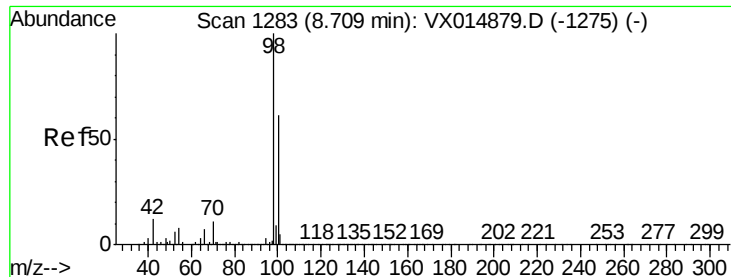


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.972 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014890.D

Acq: 10 Feb 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

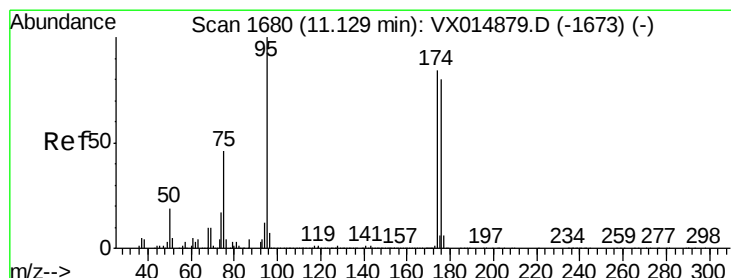
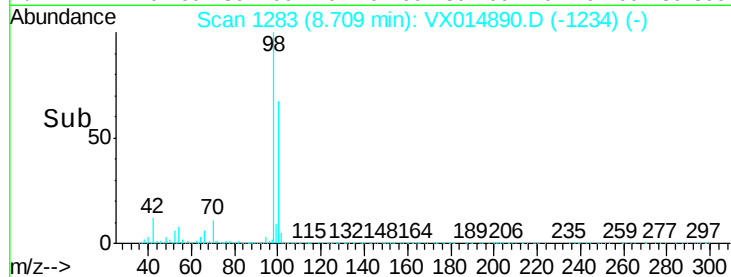
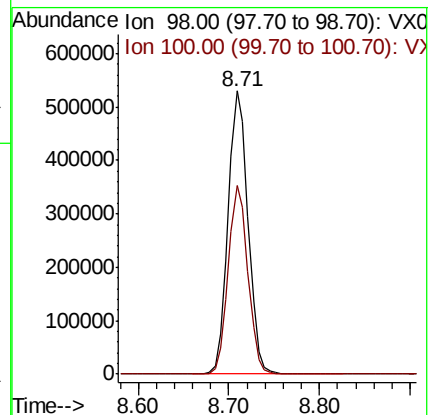
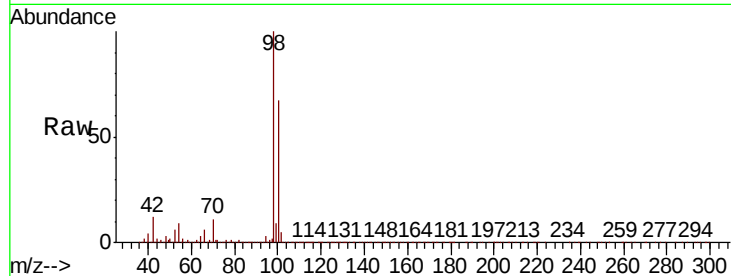
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 810759

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.215 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014890.D

Acq: 10 Feb 2020 16:08

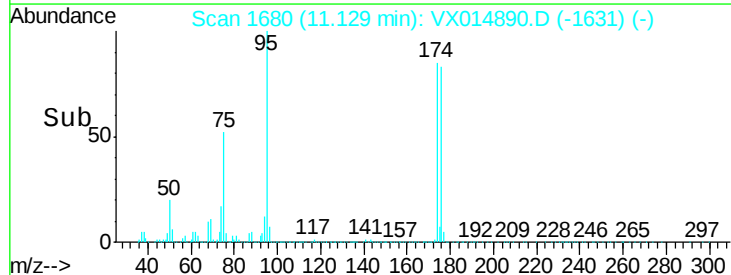
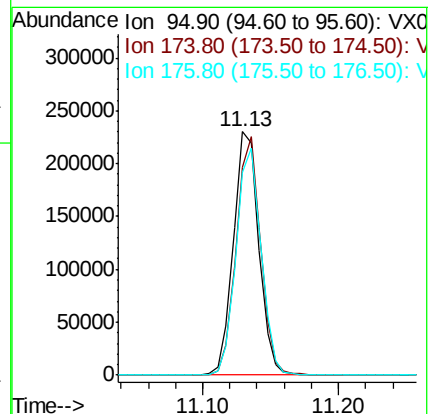
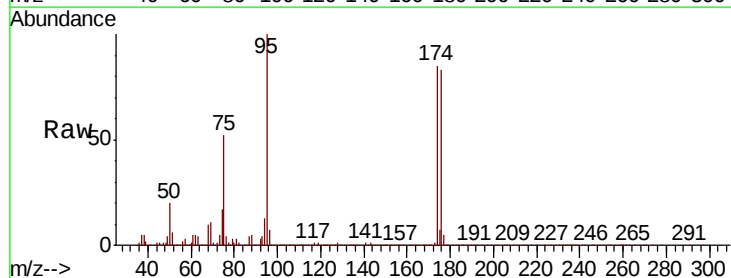
Tgt Ion: 95 Resp: 299183

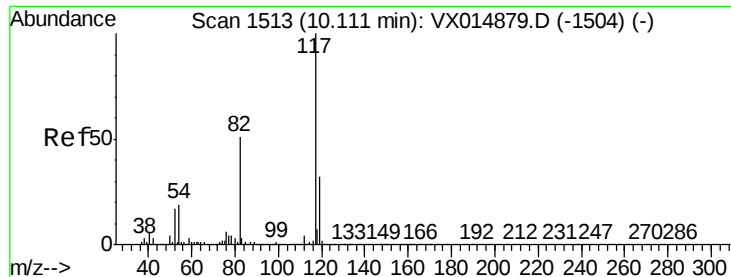
Ion Ratio Lower Upper

95 100

174 94.3 0.0 183.0

176 92.1 0.0 178.0

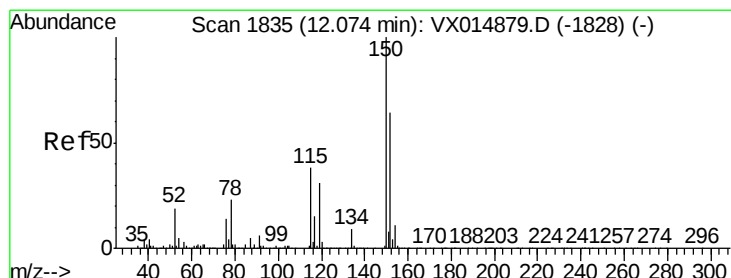
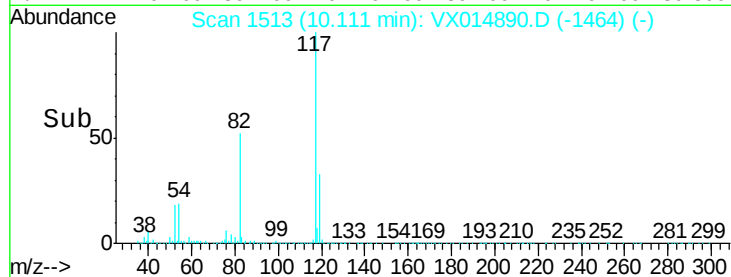
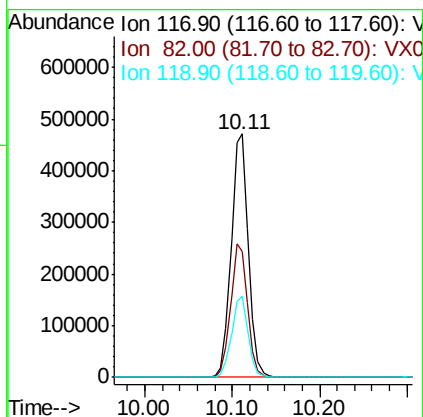
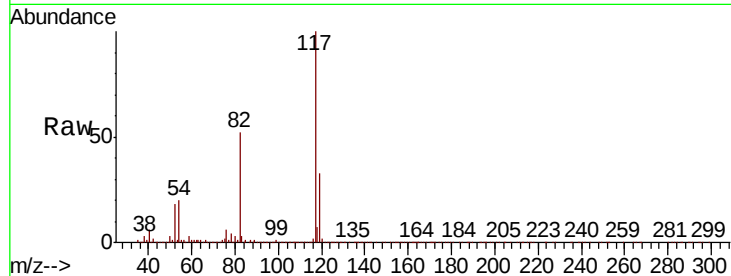




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014890.D
Acq: 10 Feb 2020 16:08

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Tot Ion:117 Resp: 644785
Ion Ratio Lower Upper
117 100
82 51.7 40.5 60.7
119 33.0 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: VX014890.D
Acq: 10 Feb 2020 16:08

Tgt Ion:152 Resp: 346199
Ion Ratio Lower Upper
152 100
115 54.5 38.6 116.0
150 156.2 0.0 349.0

