

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022020\
 Data File : VX014969.D
 Acq On : 20 Feb 2020 10:37
 Operator : JC/SP
 Sample : VX0220WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBL01

Quant Time: Feb 21 00:43:18 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	445310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	701029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	644074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	302130	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	259224	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	5.48	113	216342	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	8.71	98	829657	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.13	95	285722	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

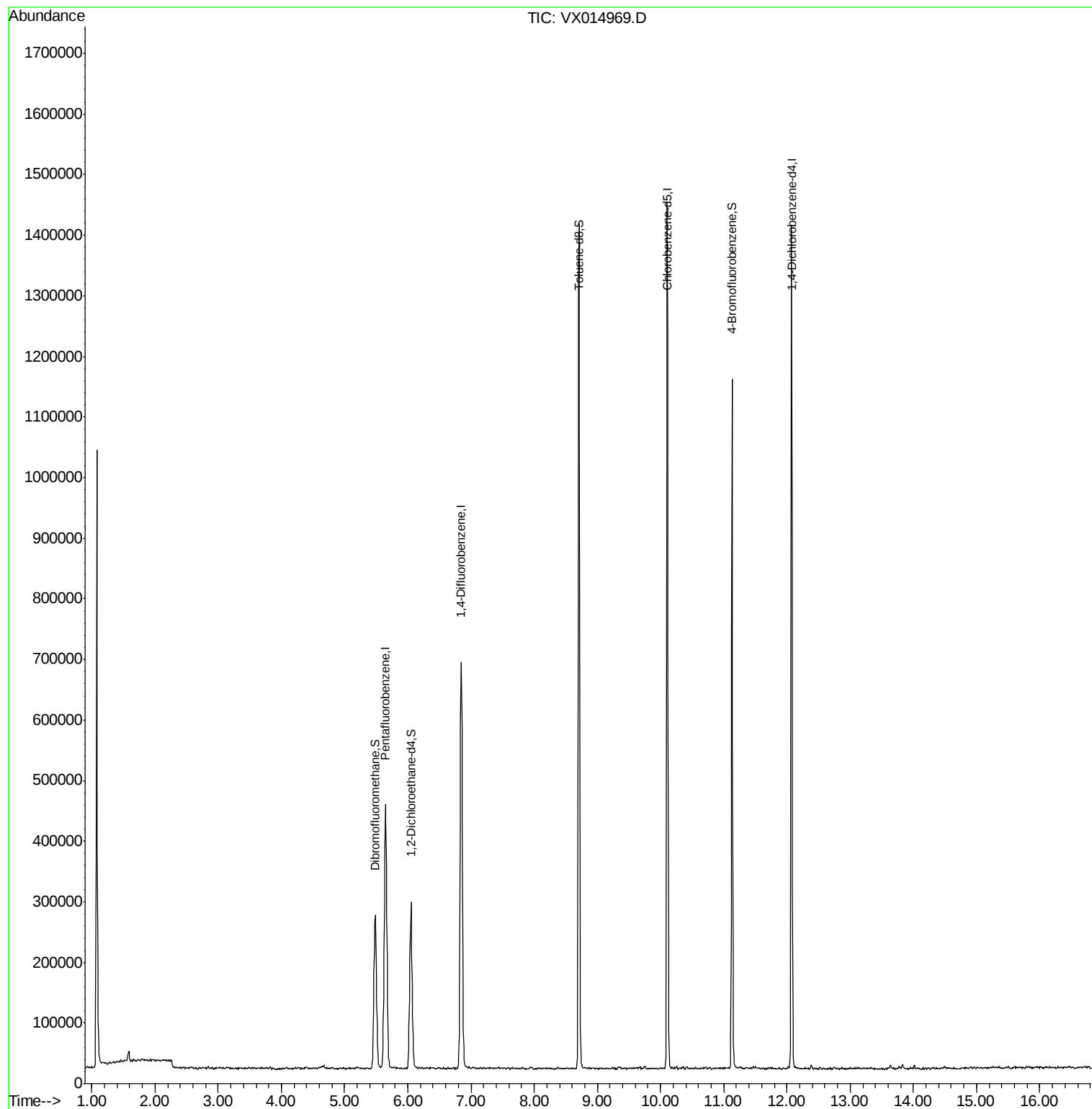
Target Compounds	Qvalue
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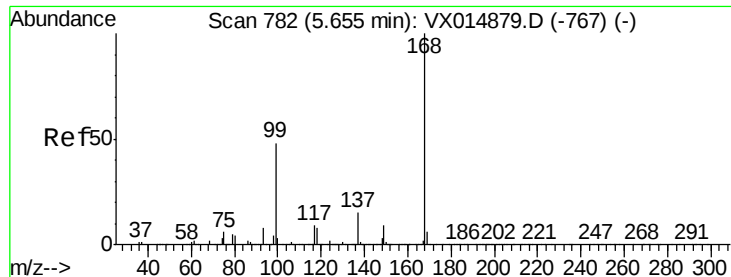
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014969.D

Acq: 20 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

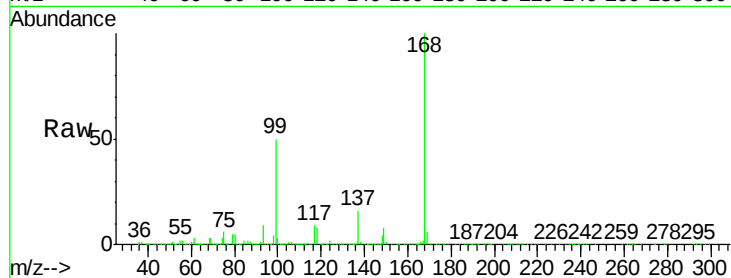
VX0220WBL01

Tot Ion:168 Resp: 445310

Ion Ratio Lower Upper

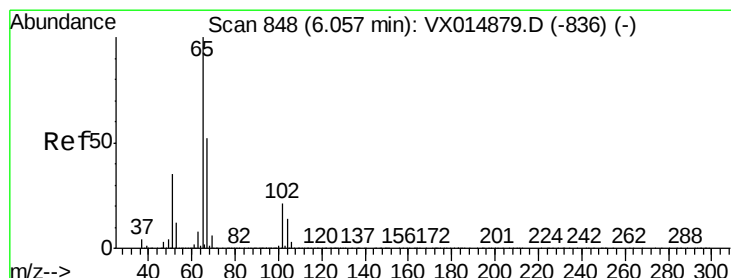
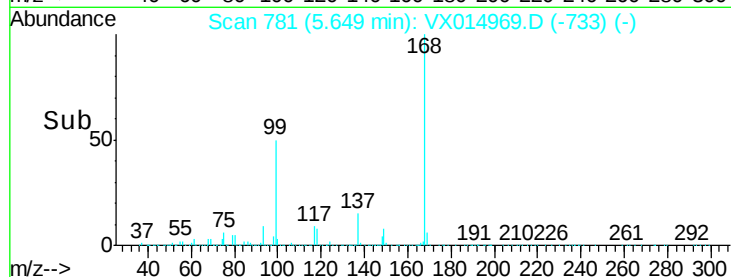
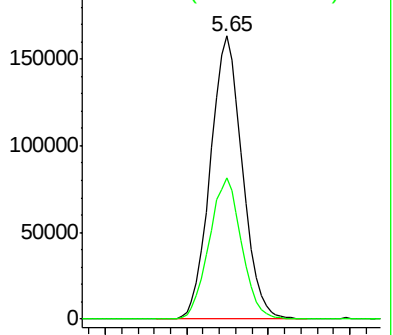
168 100

99 50.0 38.7 58.1



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: 51.580 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014969.D

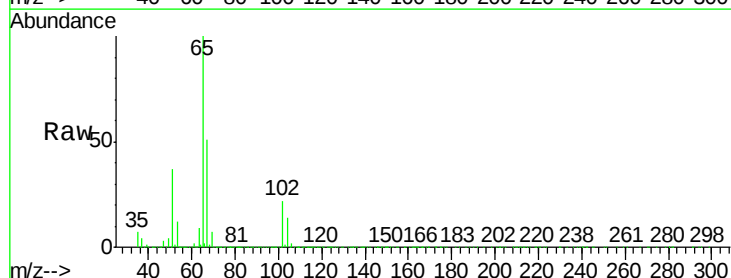
Acq: 20 Feb 2020 10:37

Tgt Ion: 65 Resp: 259224

Ion Ratio Lower Upper

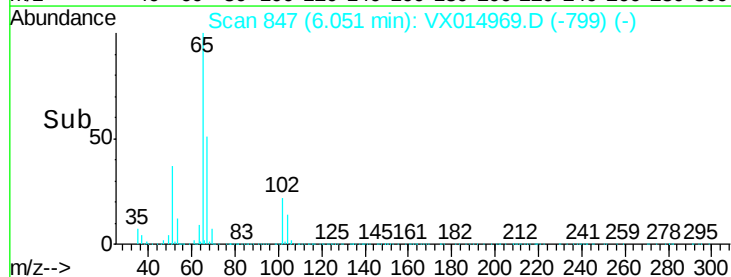
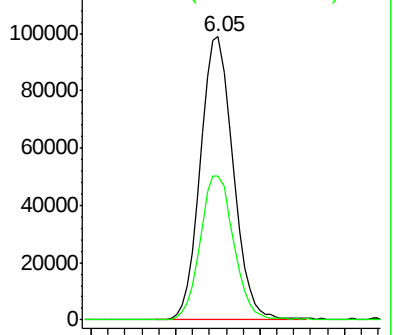
65 100

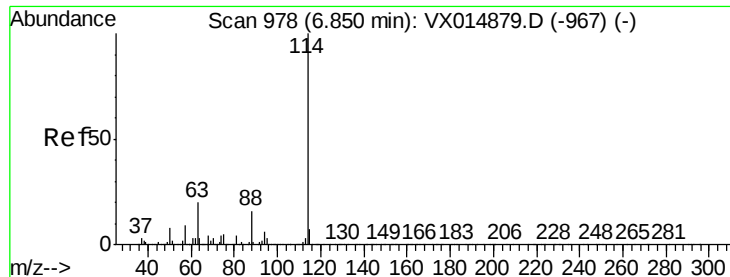
67 51.7 0.0 103.0



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: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014969.D

Acq: 20 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBL01

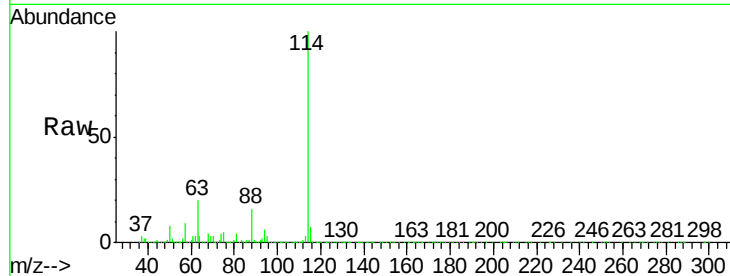
Tot Ion:114 Resp: 701029

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

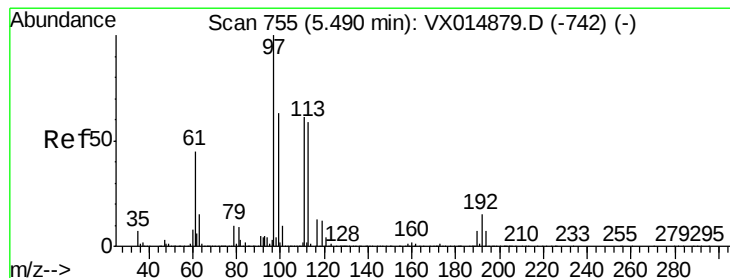
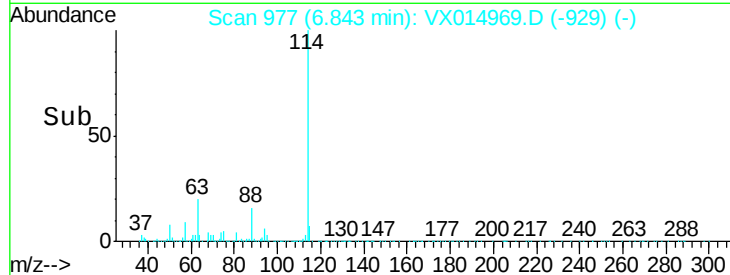
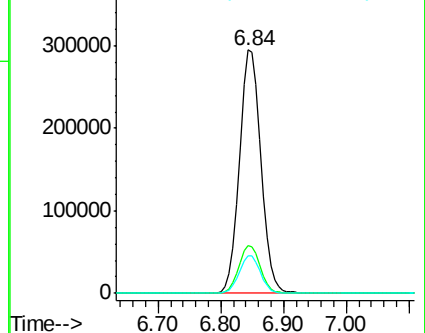
88 15.6 0.0 32.0



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: 50.198 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014969.D

Acq: 20 Feb 2020 10:37

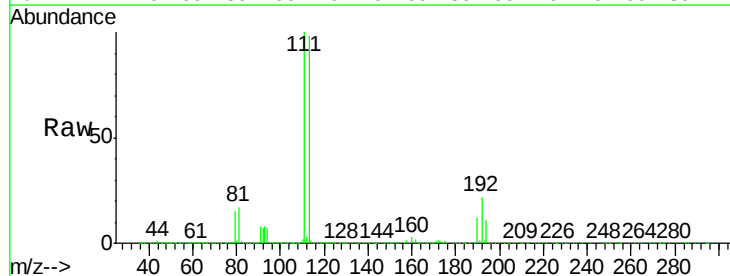
Tgt Ion:113 Resp: 216342

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

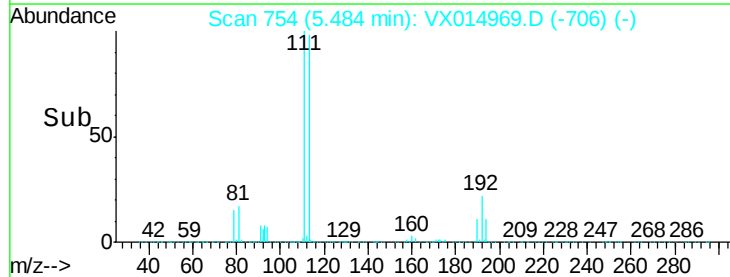
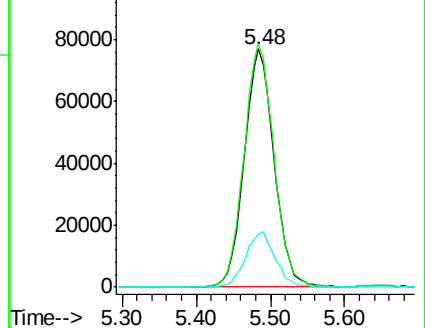
192 23.4 19.1 28.7

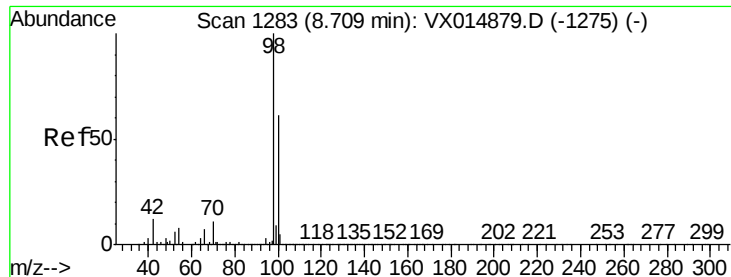


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.433 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014969.D

Acq: 20 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

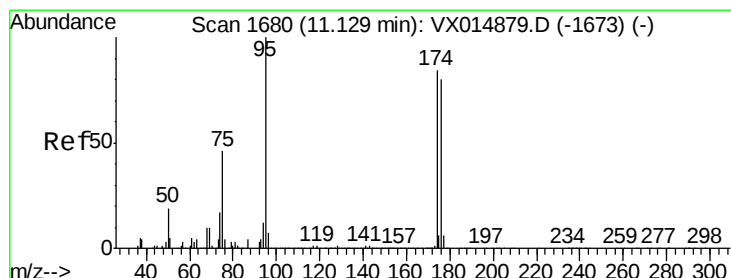
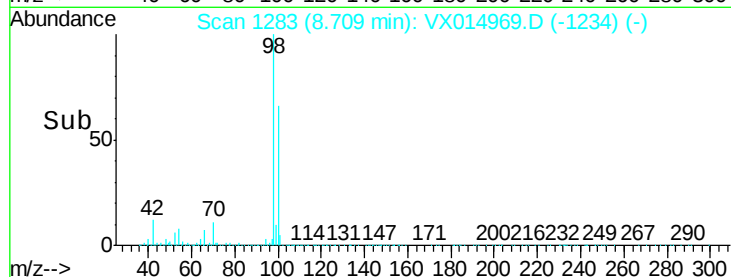
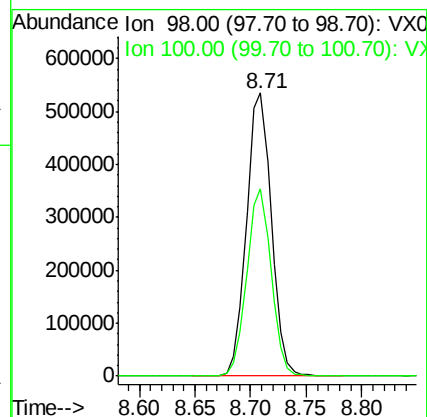
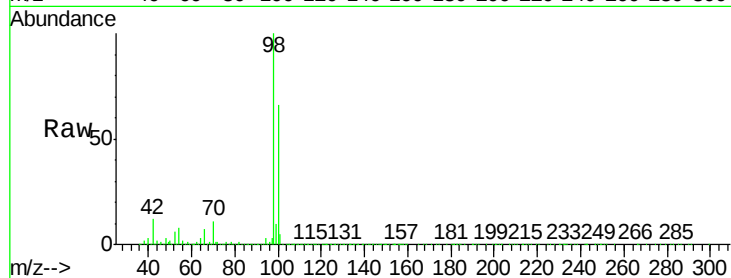
VX0220WBL01

Tot Ion: 98 Resp: 829657

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.214 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014969.D

Acq: 20 Feb 2020 10:37

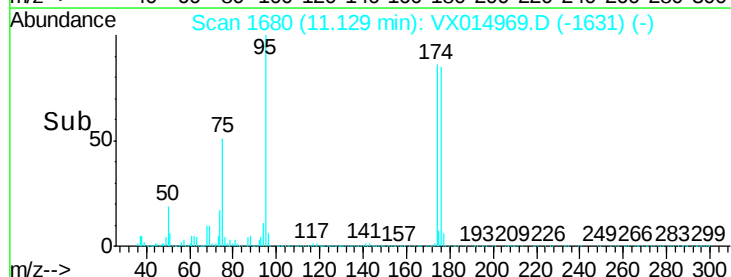
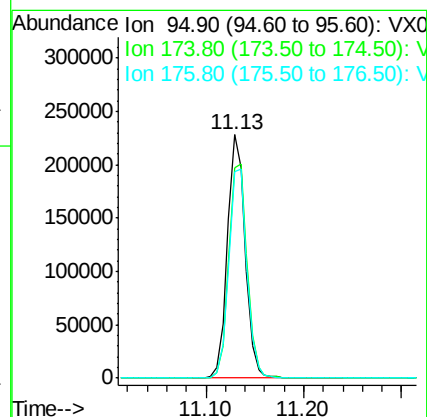
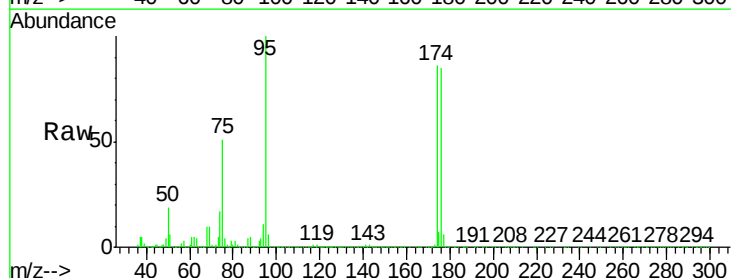
Tgt Ion: 95 Resp: 285722

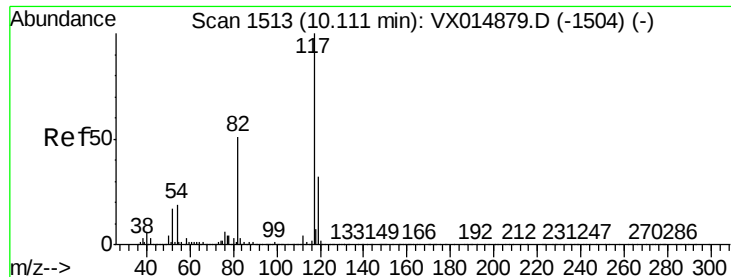
Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.0

176 88.8 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014969.D

Acq: 20 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBL01

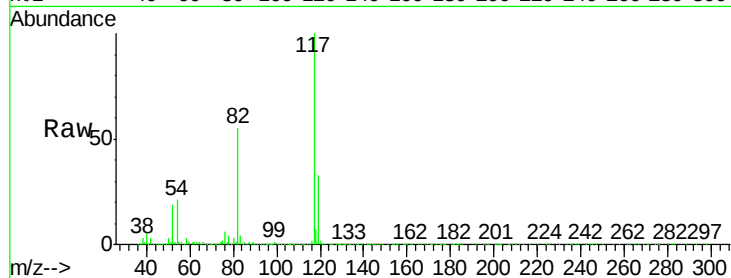
Tot Ion:117 Resp: 644074

Ion Ratio Lower Upper

117 100

82 54.6 40.5 60.7

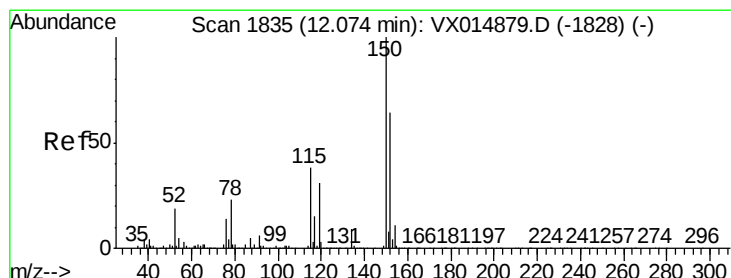
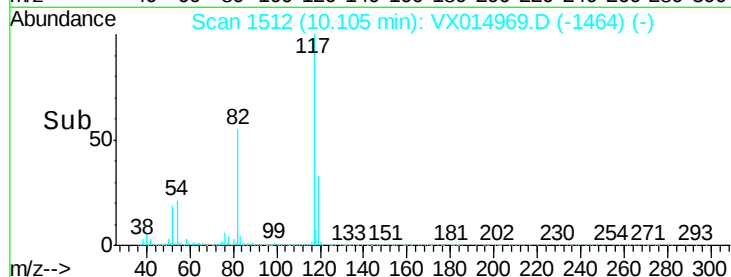
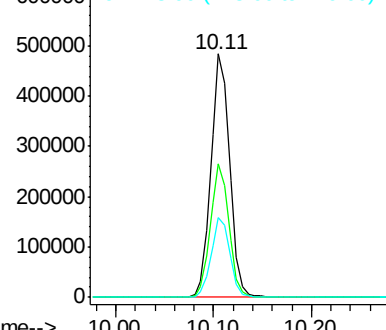
119 32.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014969.D

Acq: 20 Feb 2020 10:37

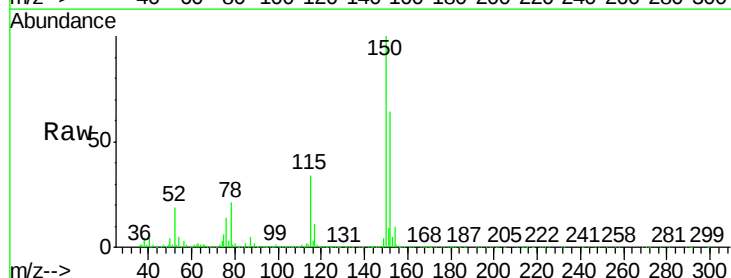
Tgt Ion:152 Resp: 302130

Ion Ratio Lower Upper

152 100

115 55.0 38.6 116.0

150 157.4 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

