

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012920\
 Data File : VX014763.D
 Acq On : 29 Jan 2020 12:27
 Operator : JC/SP
 Sample : L1291-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-725-(SETTLED)

Quant Time: Jan 29 23:31:29 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	450911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	711403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	637145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278506	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	262156	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	217718	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.71	98	845770	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	280941	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

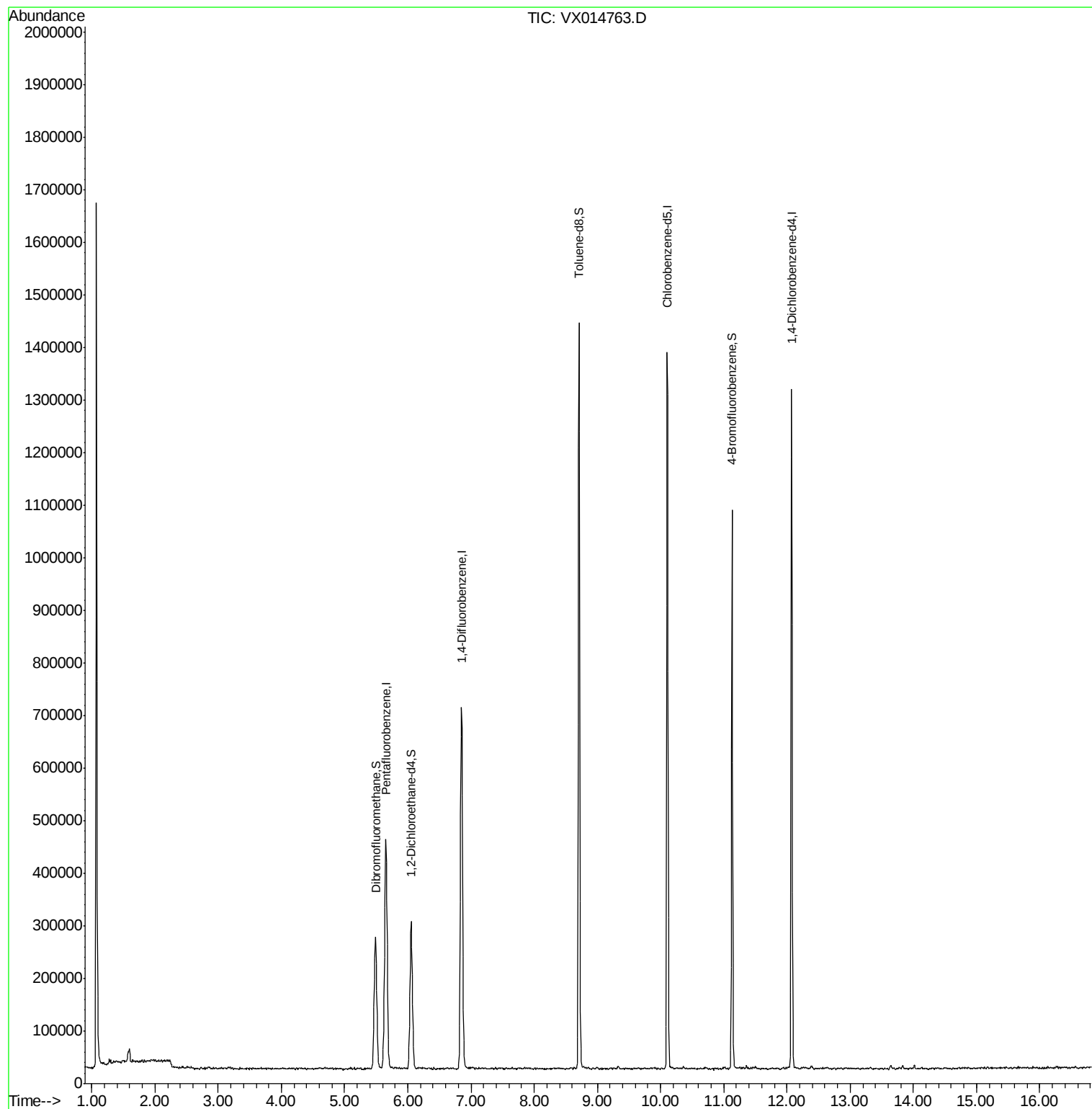
Target Compounds	Qvalue

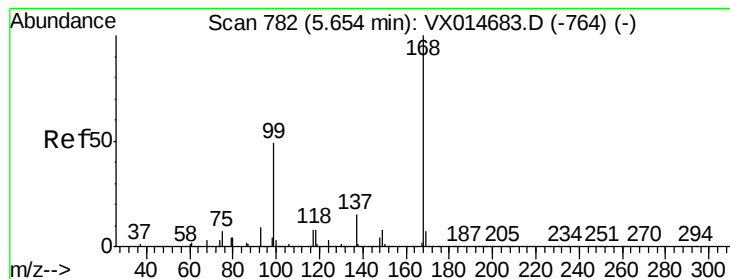
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014763.D

Acq: 29 Jan 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

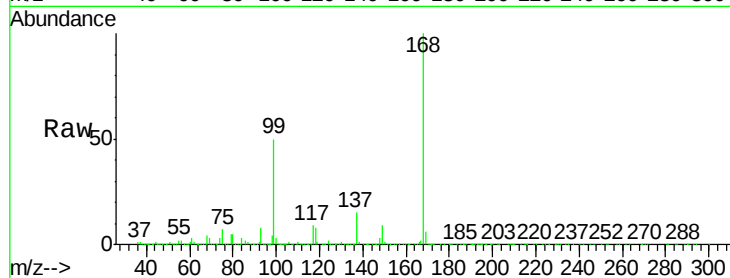
MH-725-(SETTLED)

Tot Ion:168 Resp: 450911

Ion Ratio Lower Upper

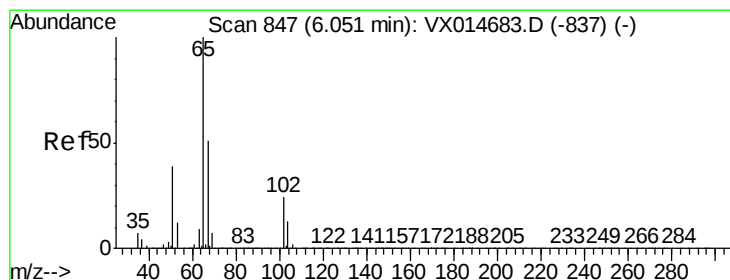
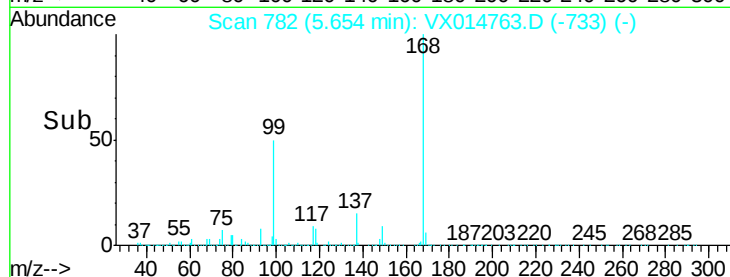
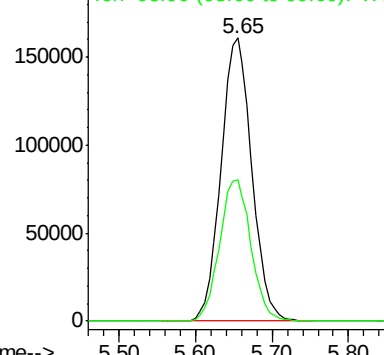
168 100

99 49.6 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: 49.787 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014763.D

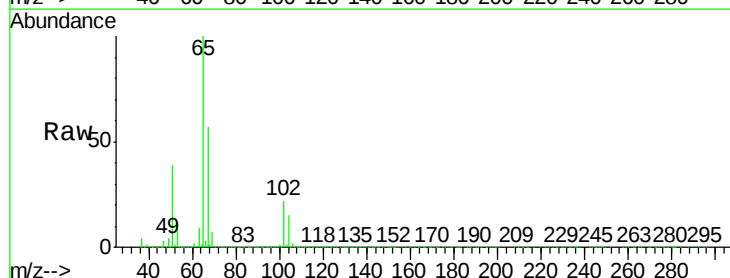
Acq: 29 Jan 2020 12:27

Tgt Ion: 65 Resp: 262156

Ion Ratio Lower Upper

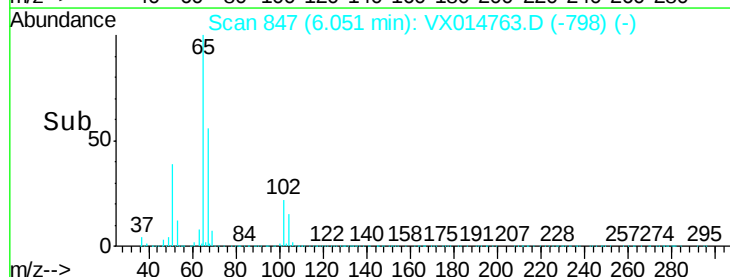
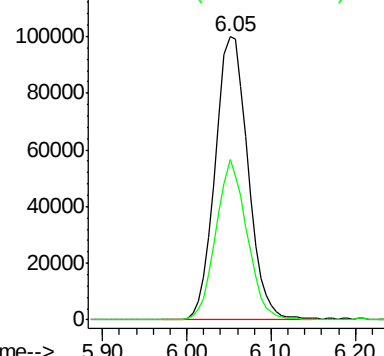
65 100

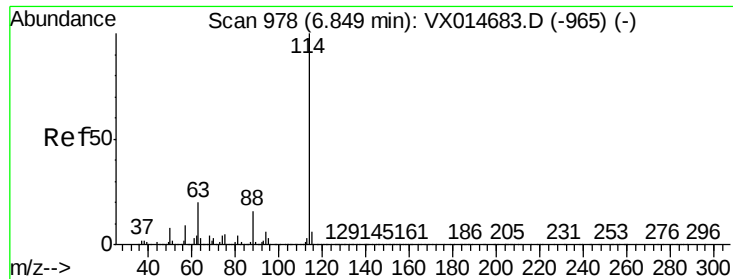
67 53.4 0.0 107.4



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: VX014763.D

Acq: 29 Jan 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

MH-725-(SETTLED)

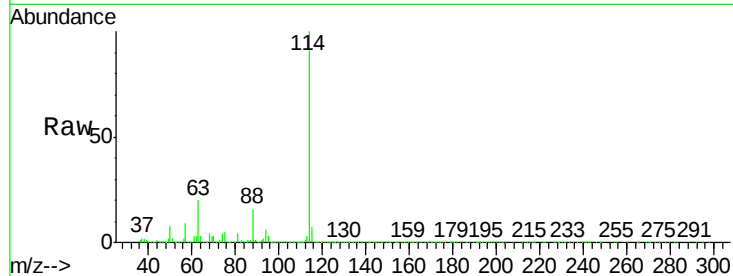
Tot Ion:114 Resp: 711403

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

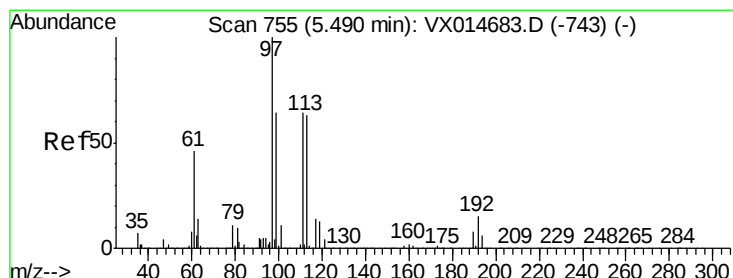
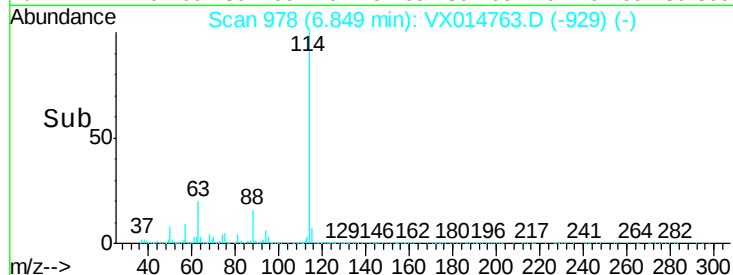
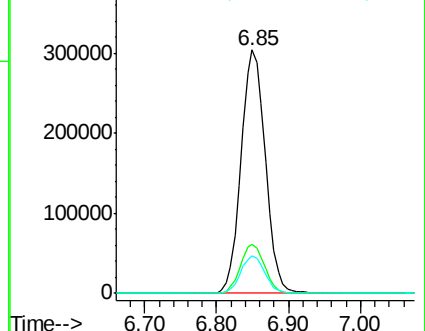
88 15.6 0.0 31.2



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: 48.501 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014763.D

Acq: 29 Jan 2020 12:27

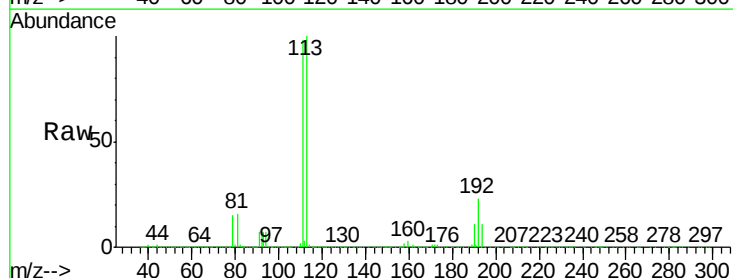
Tgt Ion:113 Resp: 217718

Ion Ratio Lower Upper

113 100

111 102.6 80.7 121.1

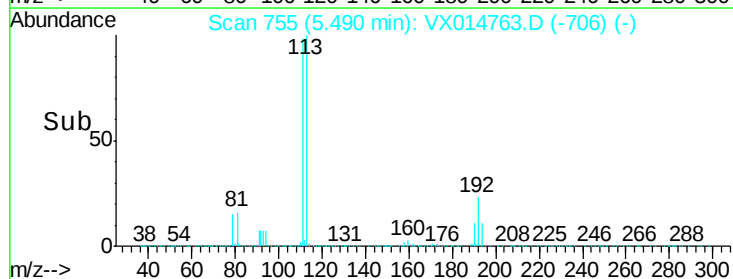
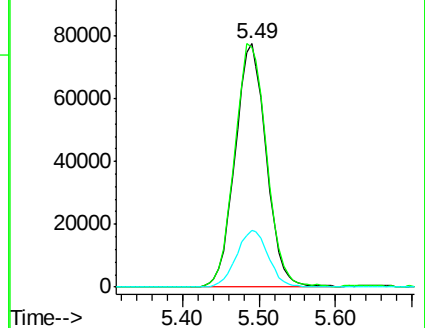
192 24.0 18.5 27.7

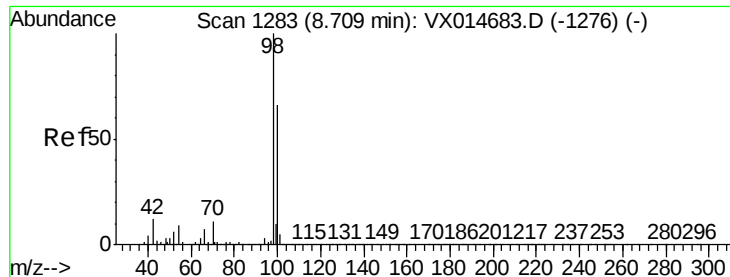


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.010 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014763.D

Acq: 29 Jan 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

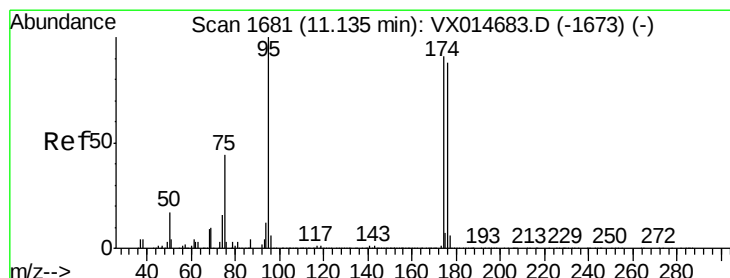
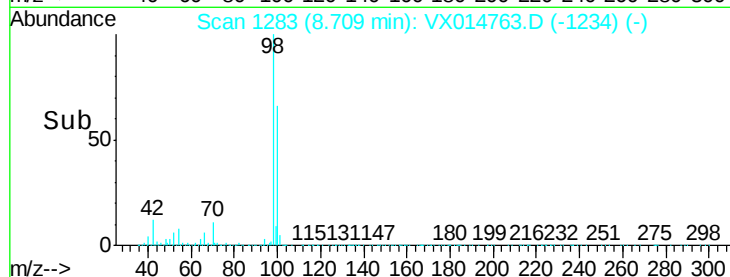
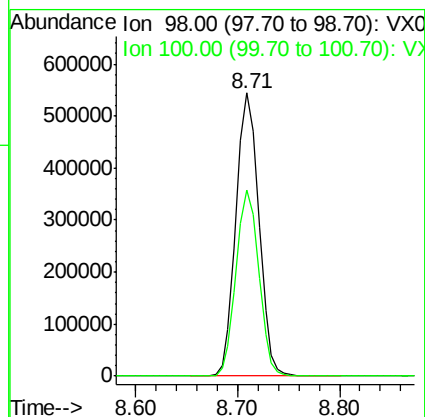
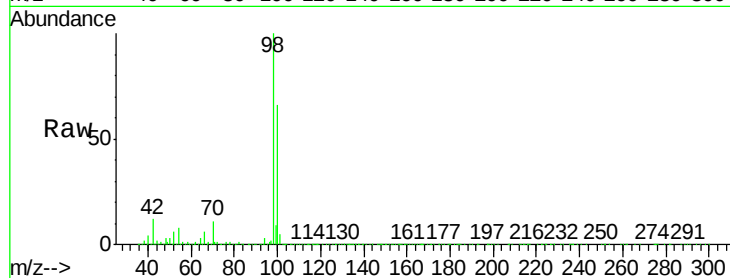
MH-725-(SETTLED)

Tot Ion: 98 Resp: 845770

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 45.701 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014763.D

Acq: 29 Jan 2020 12:27

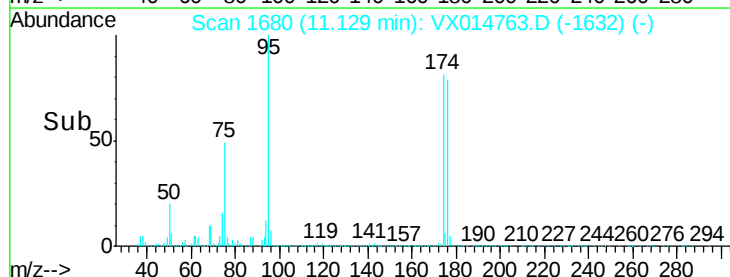
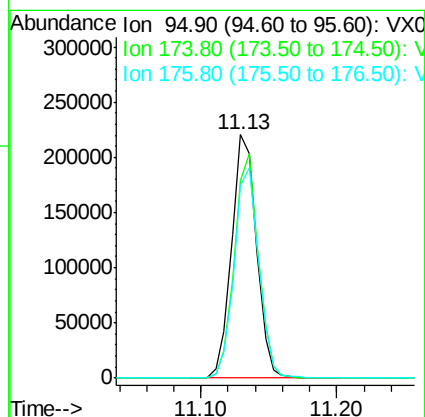
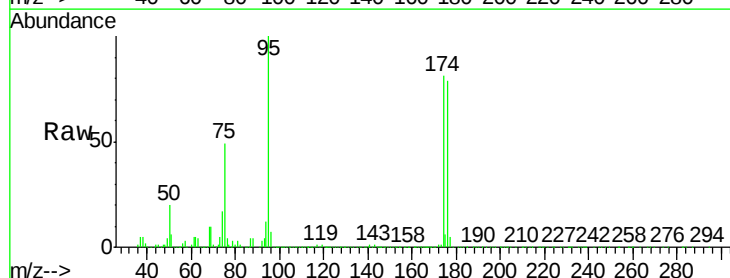
Tgt Ion: 95 Resp: 280941

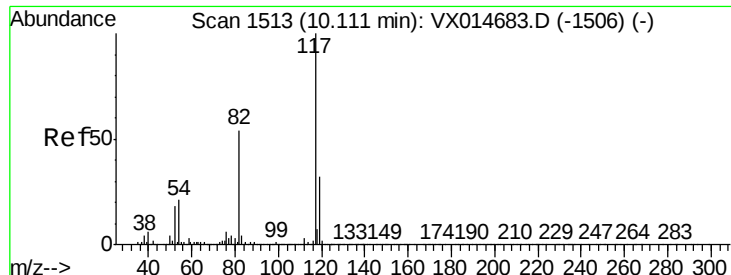
Ion Ratio Lower Upper

95 100

174 89.8 0.0 176.0

176 86.0 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014763.D

Acq: 29 Jan 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

MH-725-(SETTLED)

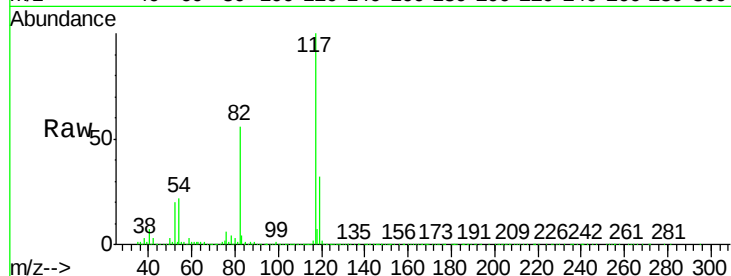
Tot Ion:117 Resp: 637145

Ion Ratio Lower Upper

117 100

82 56.1 43.2 64.8

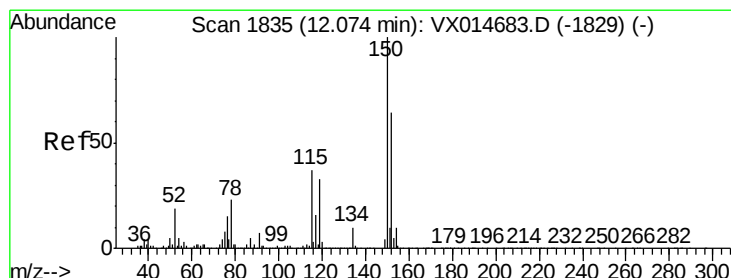
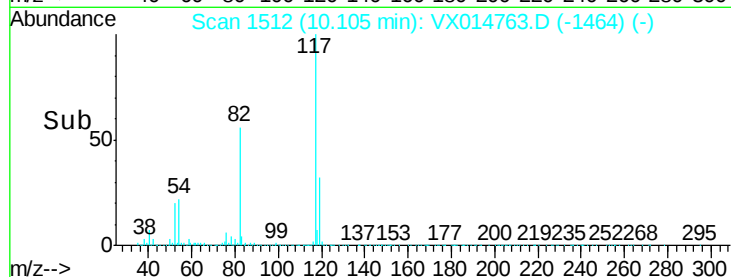
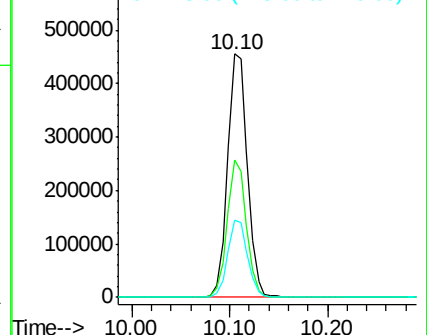
119 31.9 25.8 38.6



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: VX014763.D

Acq: 29 Jan 2020 12:27

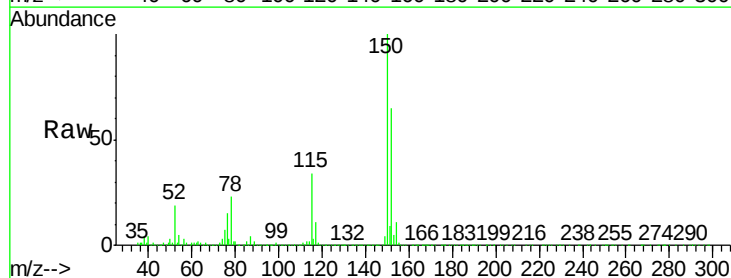
Tgt Ion:152 Resp: 278506

Ion Ratio Lower Upper

152 100

115 54.1 39.4 118.1

150 155.8 0.0 351.2



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

