

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011720\
 Data File : VX014654.D
 Acq On : 17 Jan 2020 14:58
 Operator : JC/SP
 Sample : L1162-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CBH-591

Quant Time: Jan 18 05:50:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	424345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	669064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	594796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261690	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	249513	52.67	ug/l	0.00
Spiked Amount						
			Recovery	=	105.34%	
35) Dibromofluoromethane	5.49	113	204220	50.42	ug/l	0.00
Spiked Amount						
			Recovery	=	100.84%	
50) Toluene-d8	8.71	98	789735	50.25	ug/l	0.00
Spiked Amount						
			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.14	95	259646	45.00	ug/l	0.00
Spiked Amount						
			Recovery	=	90.00%	

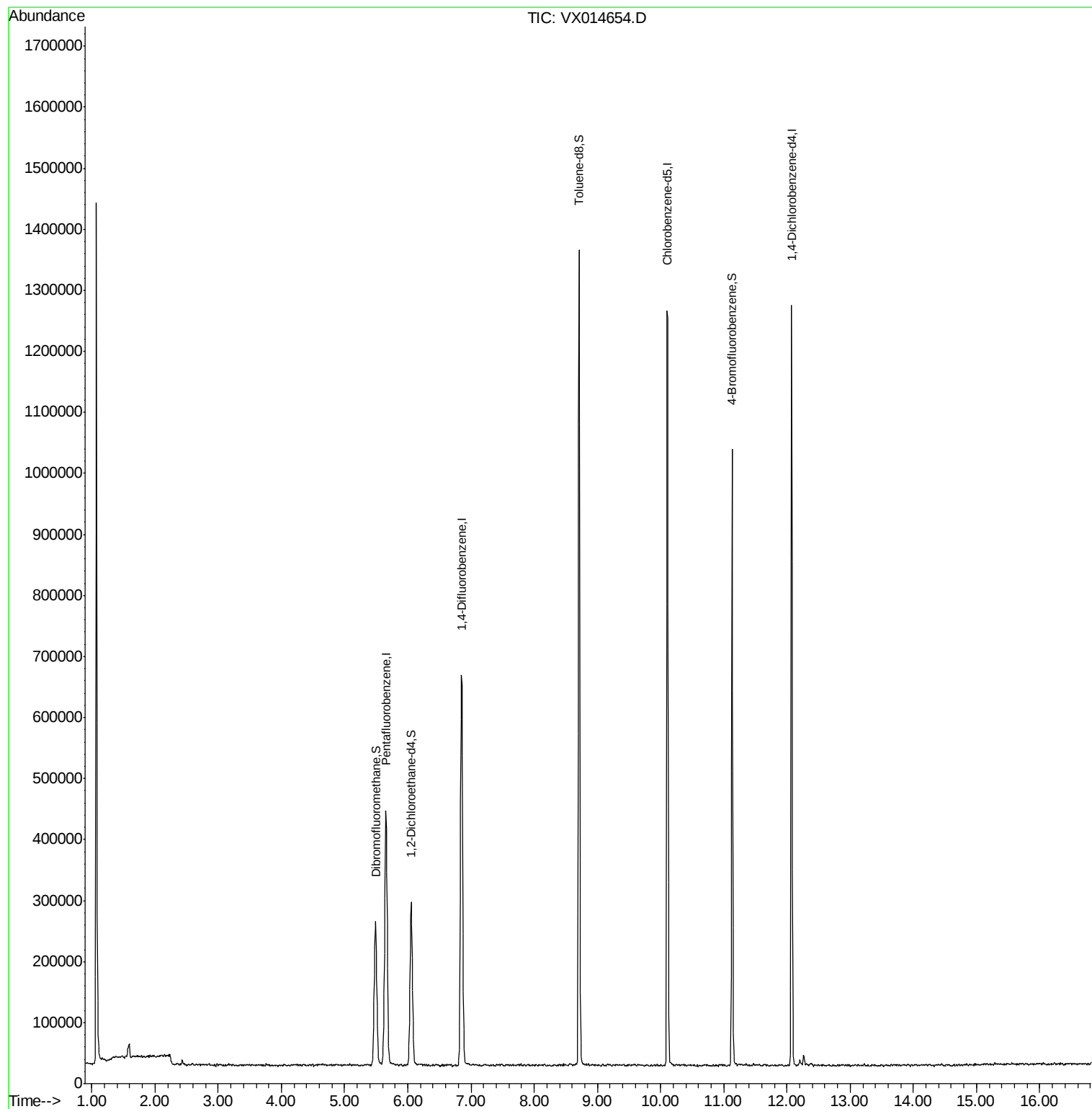
Target Compounds	Qvalue
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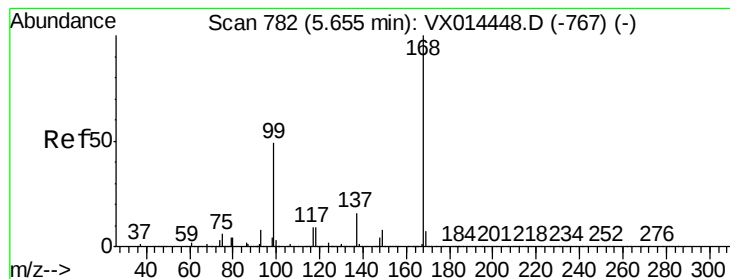
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014654.D

Acq: 17 Jan 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

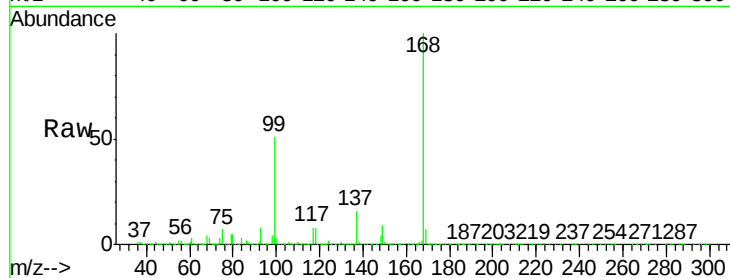
CBH-591

Tot Ion:168 Resp: 424345

Ion Ratio Lower Upper

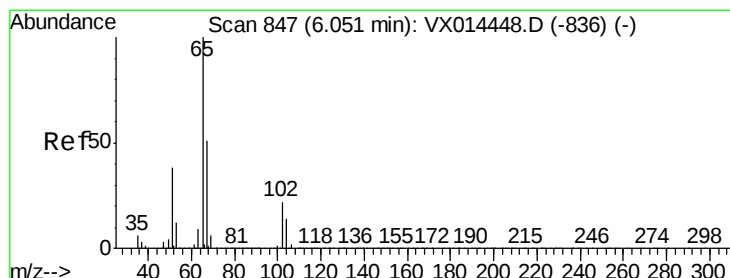
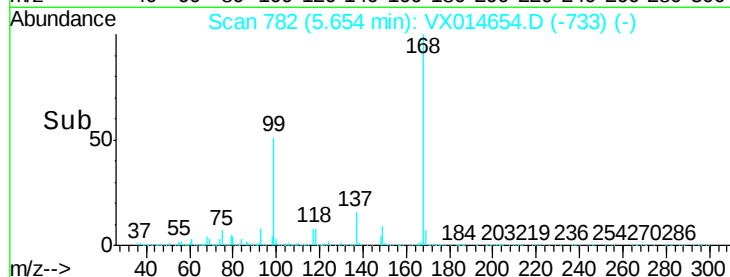
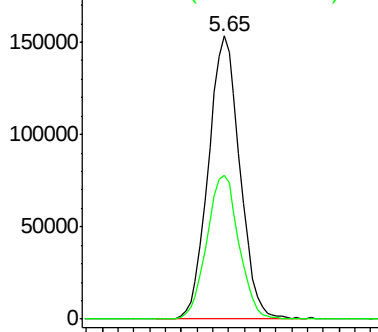
168 100

99 50.5 39.2 58.8



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: 52.672 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014654.D

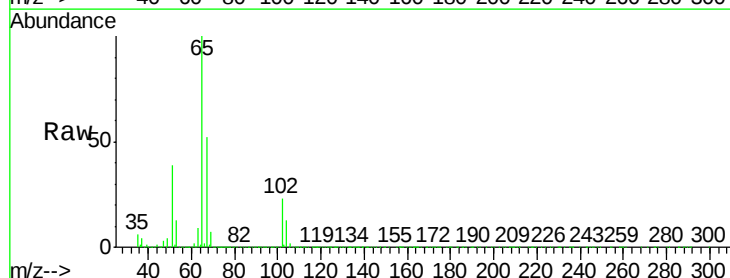
Acq: 17 Jan 2020 14:58

Tgt Ion: 65 Resp: 249513

Ion Ratio Lower Upper

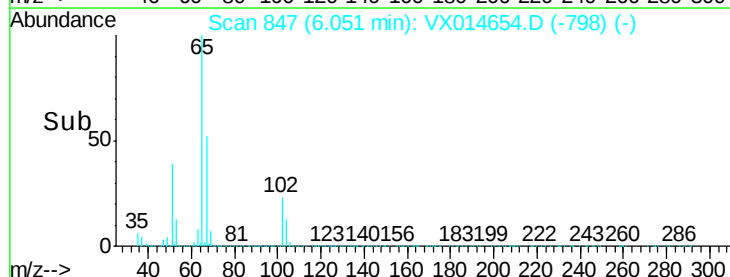
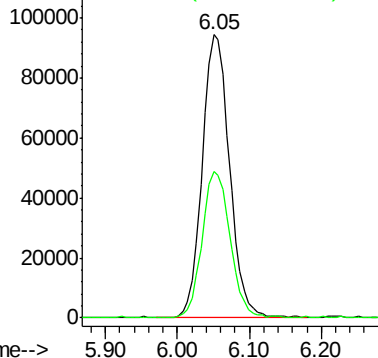
65 100

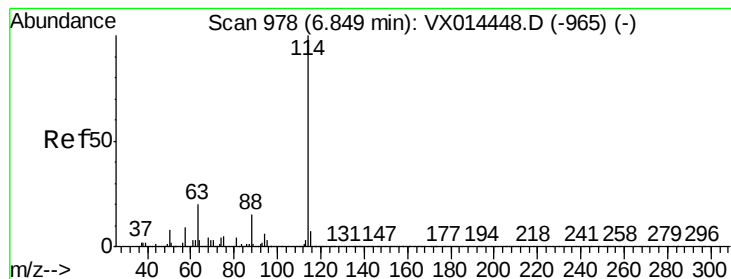
67 52.7 0.0 106.2



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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014654.D

Acq: 17 Jan 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

CBH-591

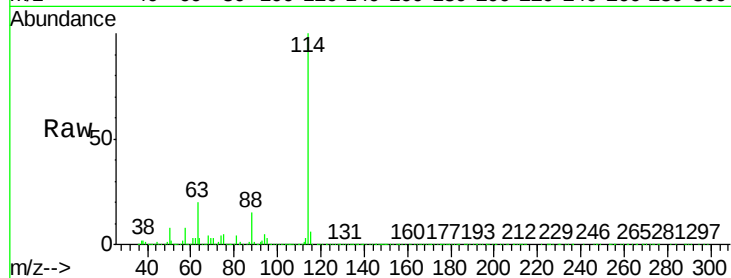
Tot Ion:114 Resp: 669064

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

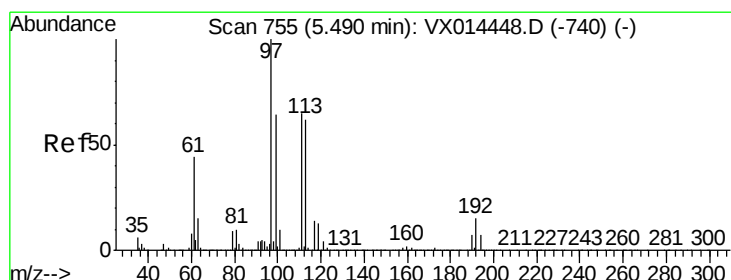
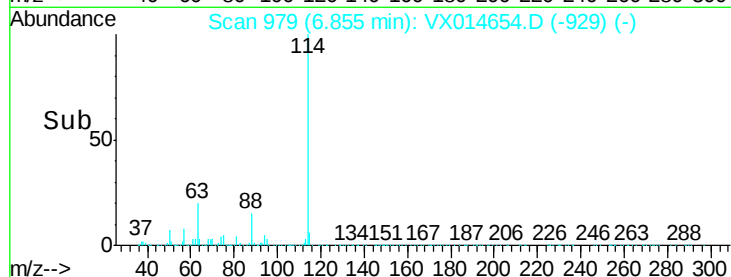
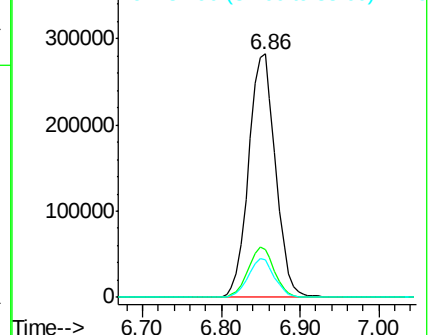
88 15.1 0.0 30.8



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: 50.423 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014654.D

Acq: 17 Jan 2020 14:58

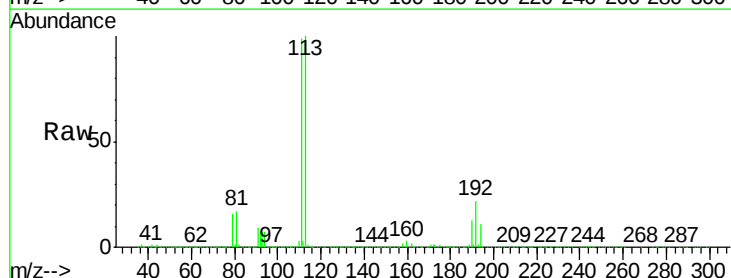
Tgt Ion:113 Resp: 204220

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

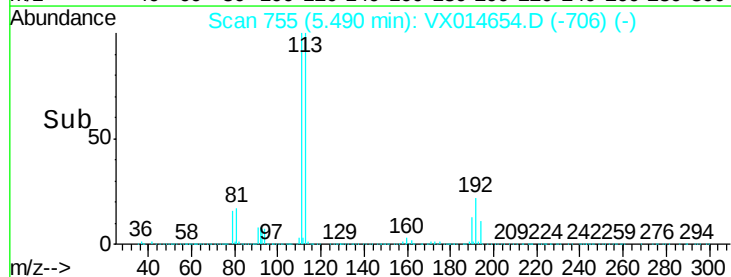
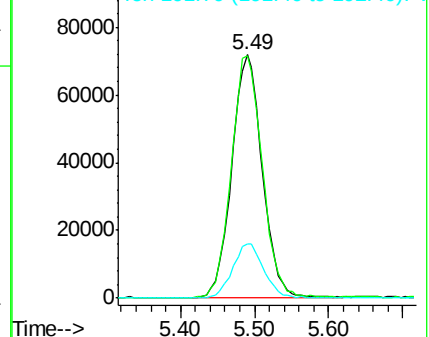
192 22.8 19.2 28.8

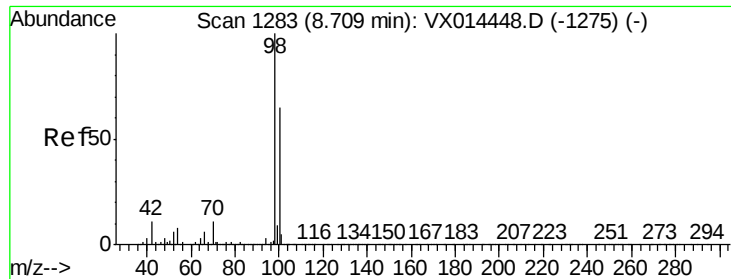


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

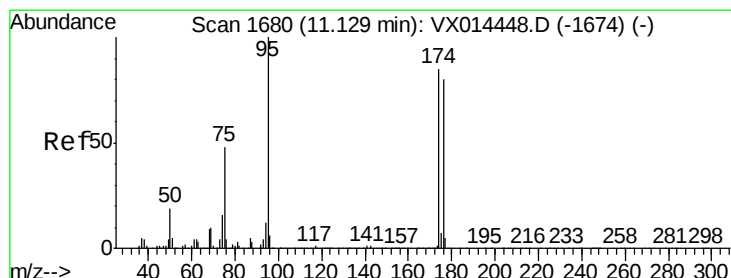
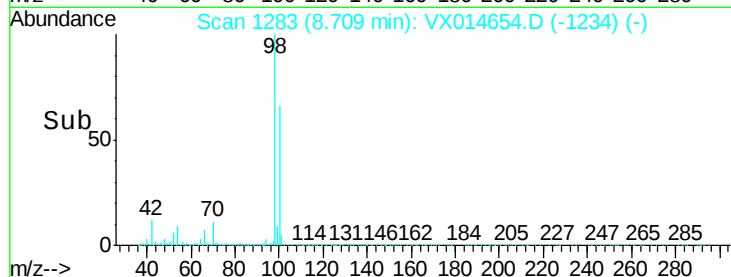
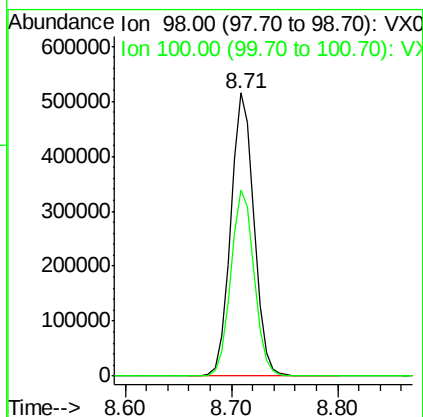
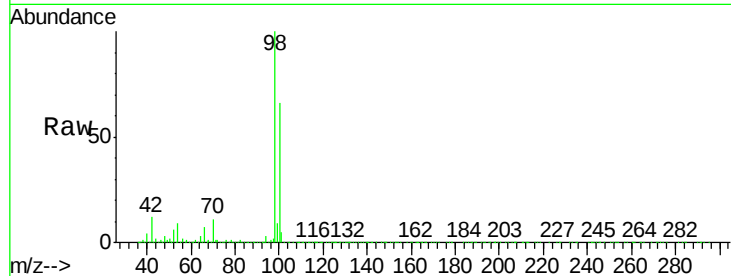




#50
Toluene-d8
Concen: 50.247 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014654.D
Acq: 17 Jan 2020 14:58

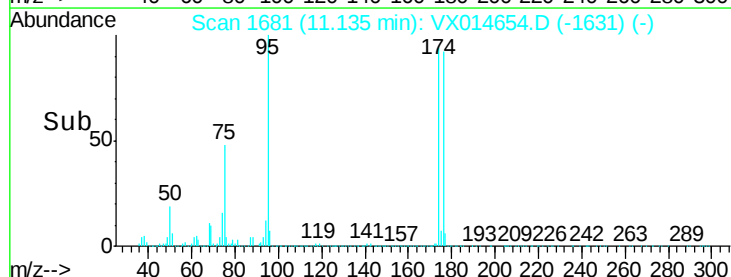
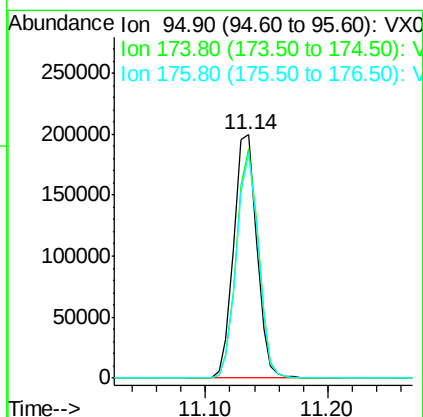
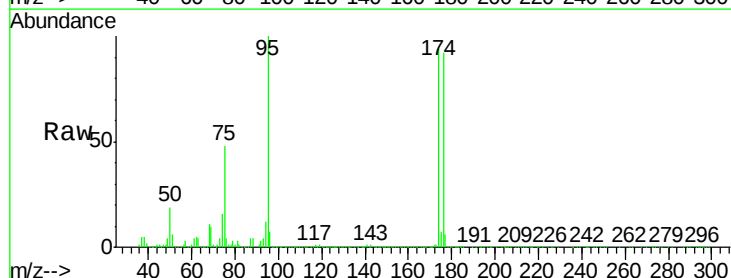
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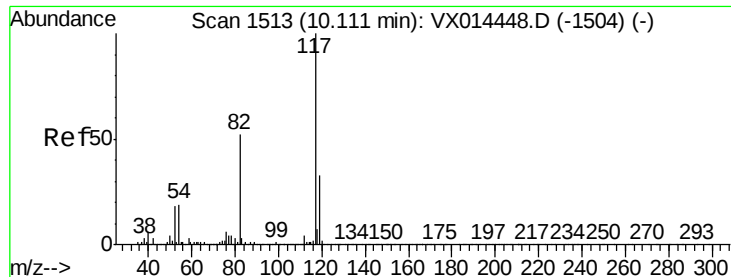
Tot Ion: 98 Resp: 789735
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 45.000 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014654.D
Acq: 17 Jan 2020 14:58

Tgt Ion: 95 Resp: 259646
Ion Ratio Lower Upper
95 100
174 90.5 0.0 180.8
176 87.7 0.0 172.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014654.D

Acq: 17 Jan 2020 14:58

Instrument :

MSVOA_X

ClientSampled :

CBH-591

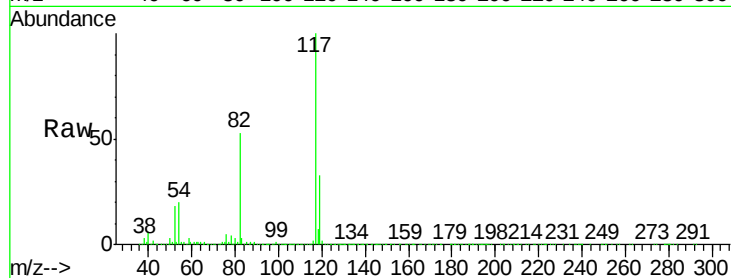
Tot Ion:117 Resp: 594796

Ion Ratio Lower Upper

117 100

82 53.1 41.8 62.6

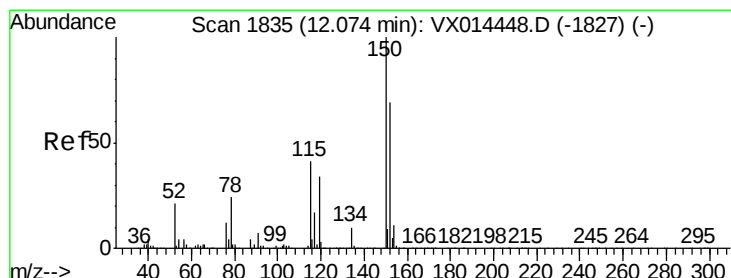
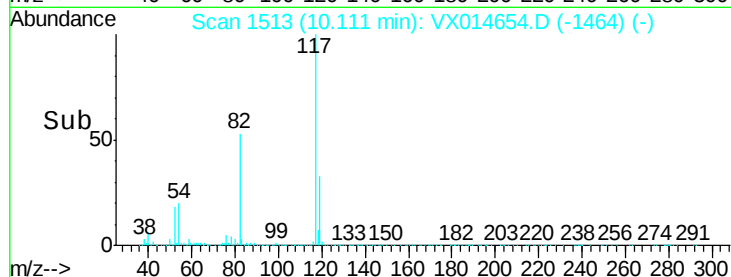
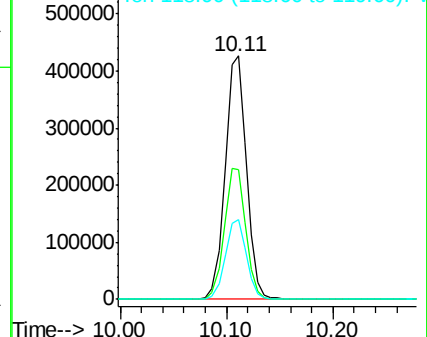
119 32.7 26.2 39.4



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: VX014654.D

Acq: 17 Jan 2020 14:58

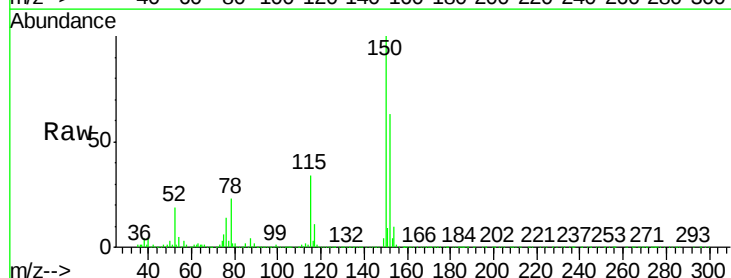
Tgt Ion:152 Resp: 261690

Ion Ratio Lower Upper

152 100

115 54.9 39.5 118.3

150 157.3 0.0 350.2



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

