

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014149.D
 Acq On : 20 Dec 2019 03:42
 Operator : JC/SP
 Sample : K6372-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Dec 20 05:36:22 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	560393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	853259	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	762465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343627	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	304129	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	5.49	113	246552	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	8.71	98	1011147	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.14	95	340836	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

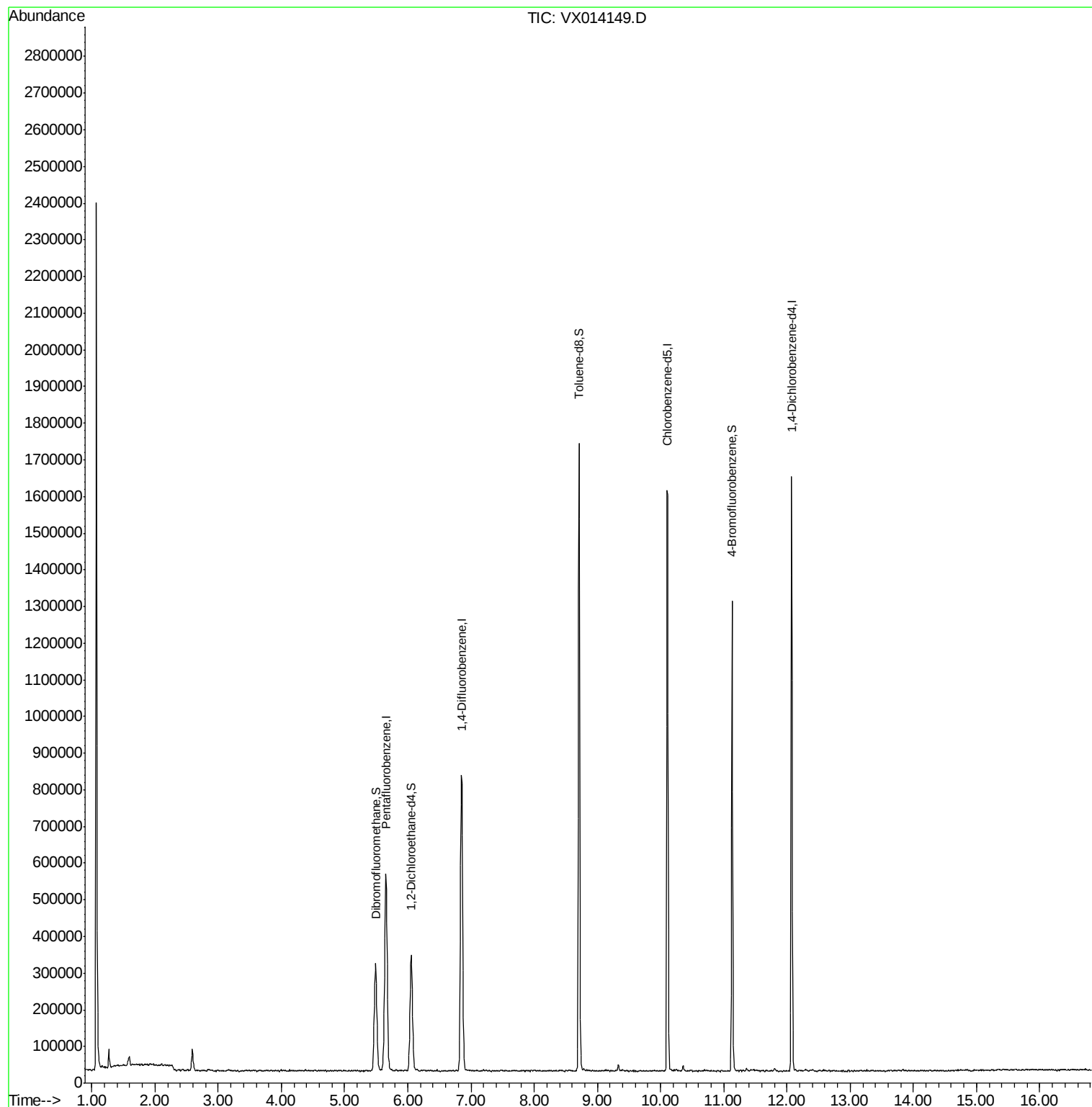
Target Compounds	Qvalue

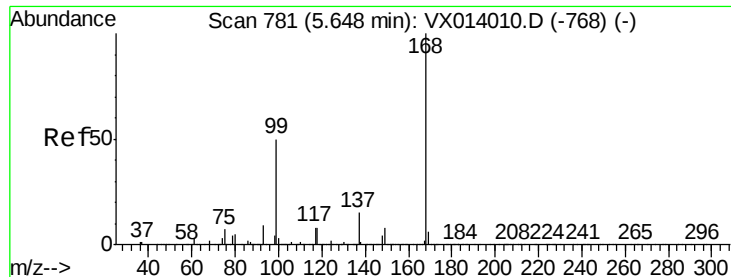
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014149.D

Acq: 20 Dec 2019 03:42

Instrument :

MSVOA_X

ClientSampled :

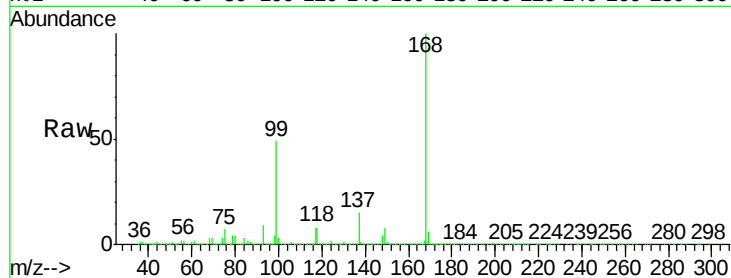
MW-7

Tot Ion:168 Resp: 560393

Ion Ratio Lower Upper

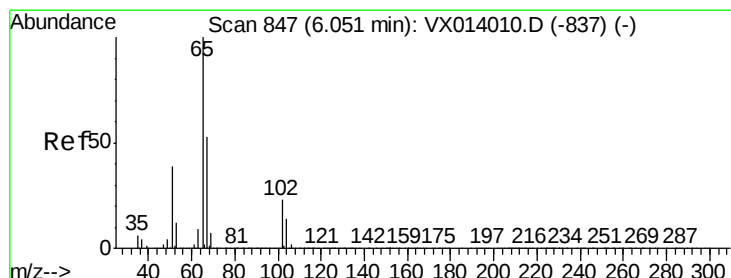
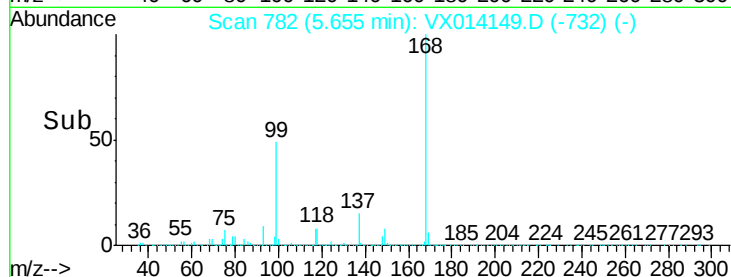
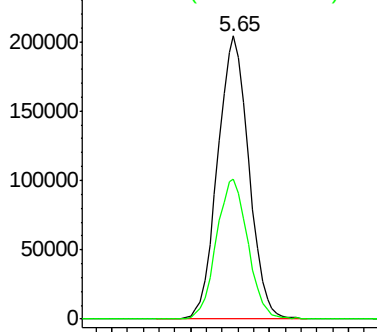
168 100

99 49.2 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: 47.885 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014149.D

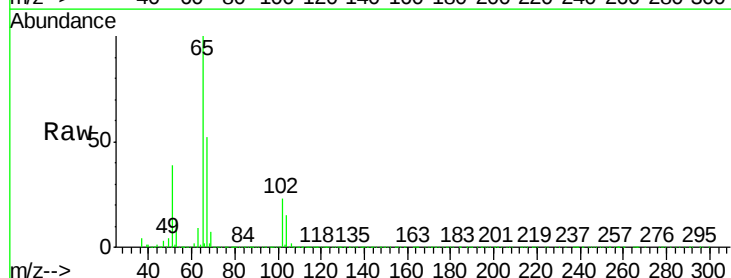
Acq: 20 Dec 2019 03:42

Tgt Ion: 65 Resp: 304129

Ion Ratio Lower Upper

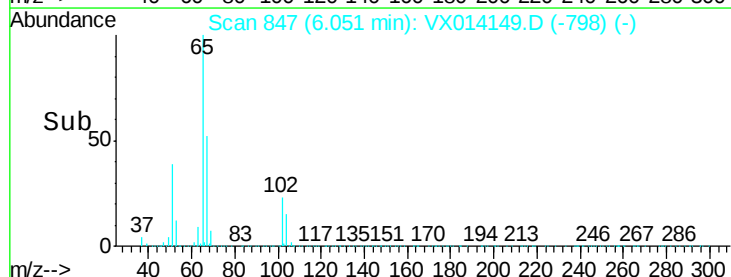
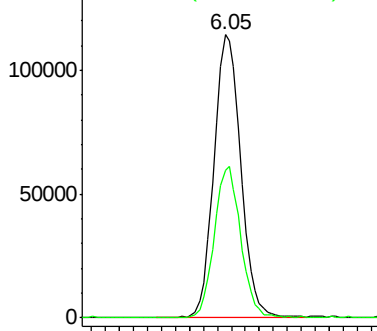
65 100

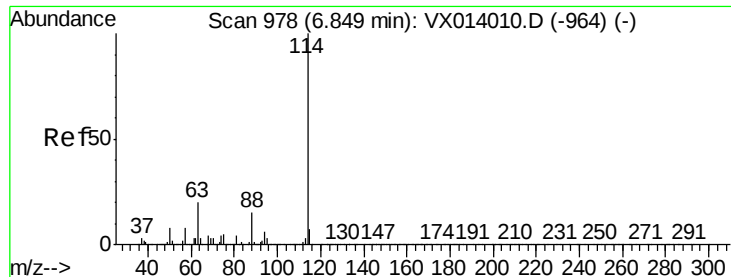
67 52.6 0.0 106.4



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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014149.D

Acq: 20 Dec 2019 03:42

Instrument :

MSVOA_X

ClientSampleId :

MW-7

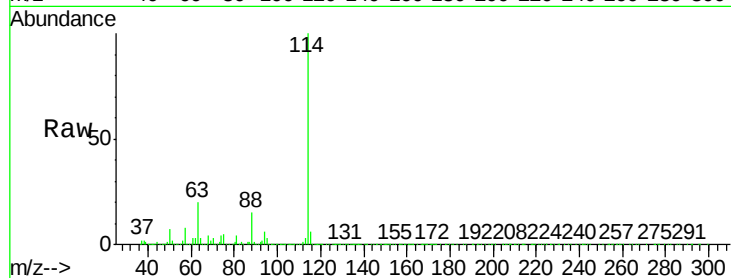
Tot Ion:114 Resp: 853259

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

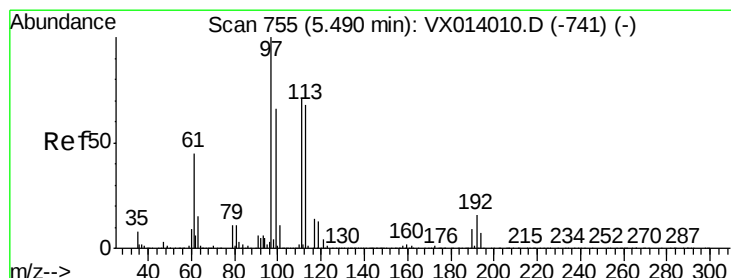
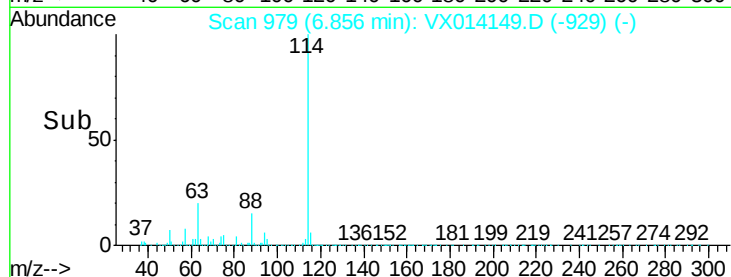
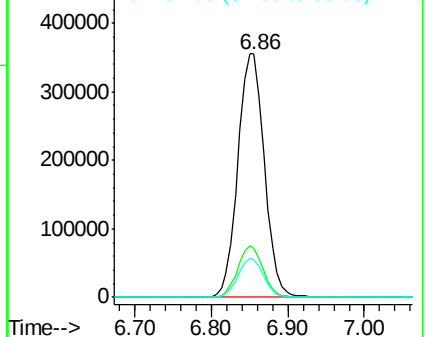
88 15.4 0.0 30.4



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: 47.534 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014149.D

Acq: 20 Dec 2019 03:42

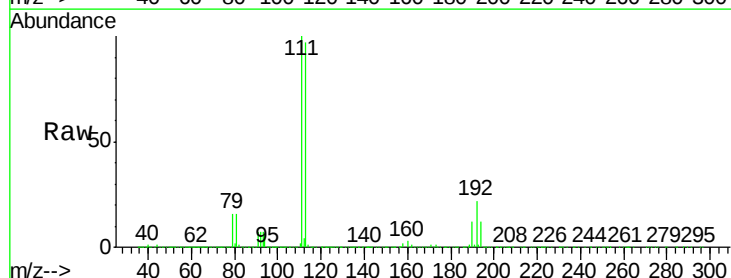
Tgt Ion:113 Resp: 246552

Ion Ratio Lower Upper

113 100

111 104.8 82.0 123.0

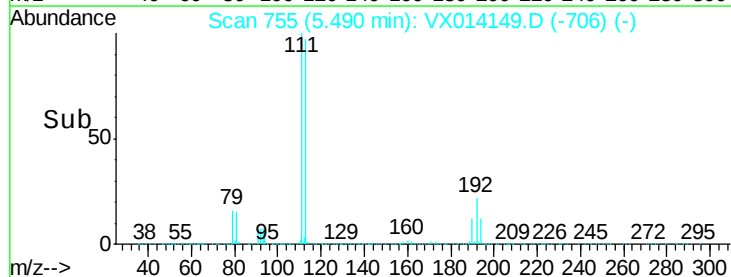
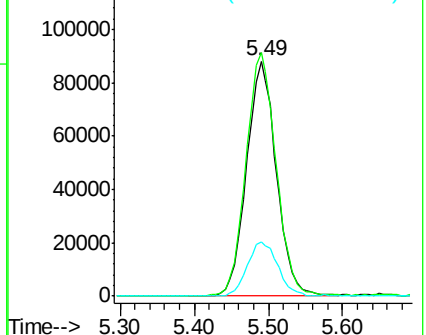
192 23.7 19.3 28.9

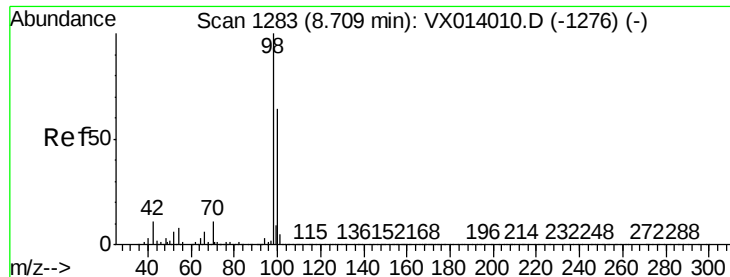


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.072 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014149.D

Acq: 20 Dec 2019 03:42

Instrument :

MSVOA_X

ClientSampleId :

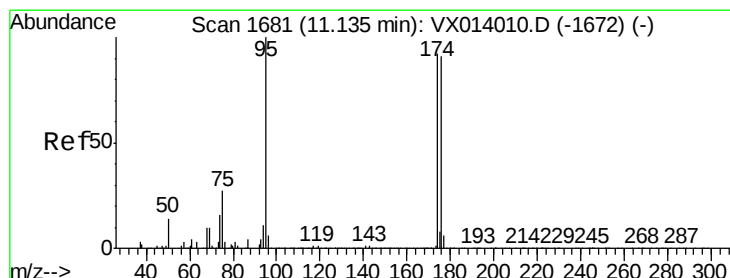
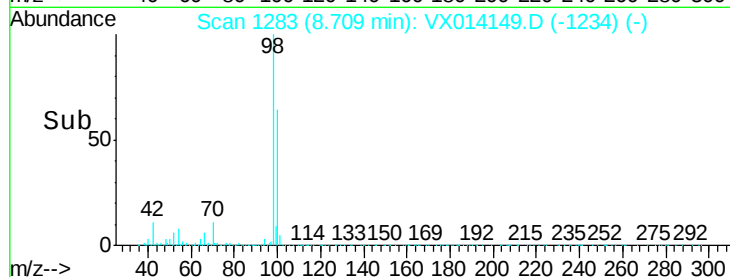
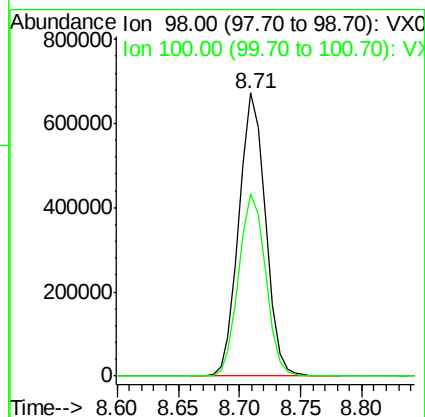
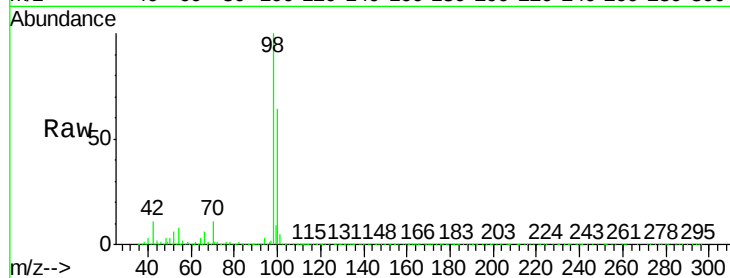
MW-7

Tot Ion: 98 Resp: 1011147

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.173 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014149.D

Acq: 20 Dec 2019 03:42

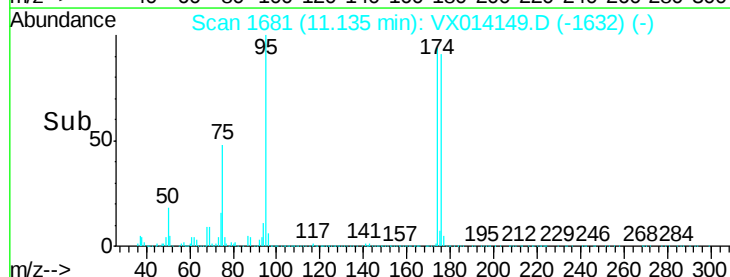
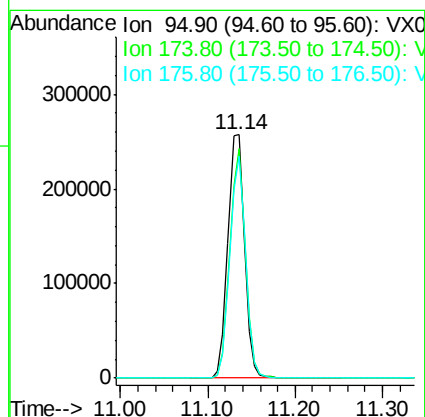
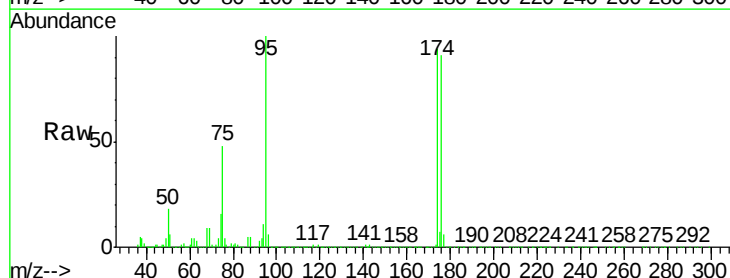
Tgt Ion: 95 Resp: 340836

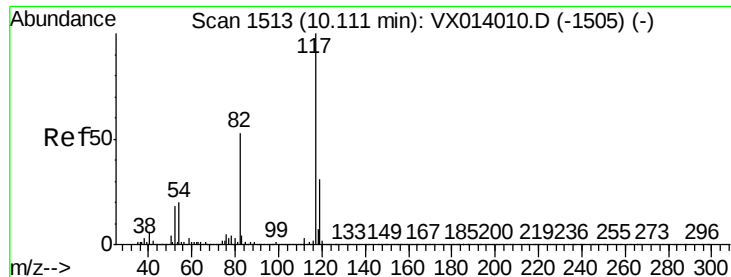
Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.8

176 86.3 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014149.D

Acq: 20 Dec 2019 03:42

Instrument :

MSVOA_X

ClientSampleId :

MW-7

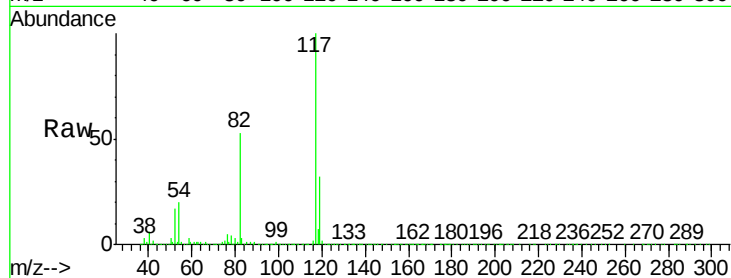
Tot Ion:117 Resp: 762465

Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.4

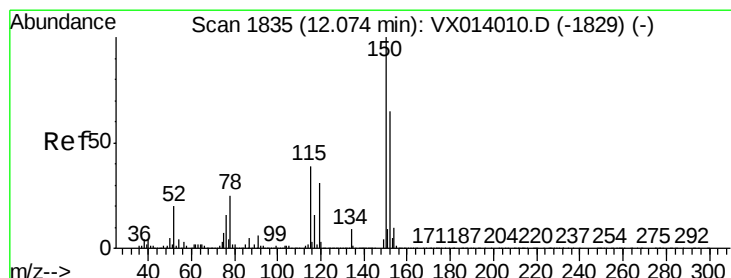
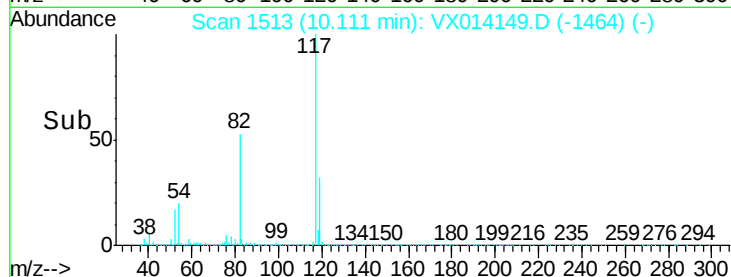
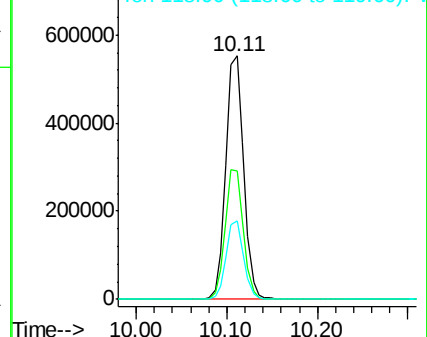
119 32.0 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX014149.D

Acq: 20 Dec 2019 03:42

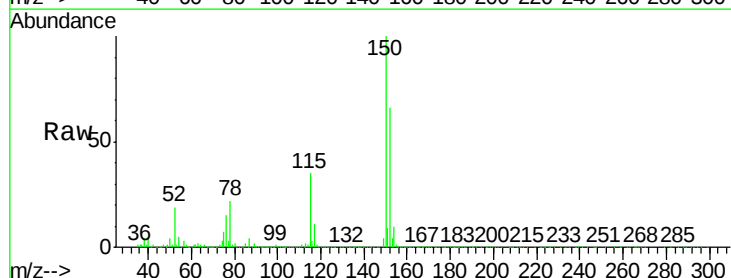
Tgt Ion:152 Resp: 343627

Ion Ratio Lower Upper

152 100

115 54.6 38.3 114.9

150 156.0 0.0 345.4



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

