

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007084.D
 Acq On : 17 Jan 2019 13:10
 Operator : JC/SP
 Sample : K1168-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8TB02-190114

Quant Time: Jan 18 05:53:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	627259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	949714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	882009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	440042	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	323018	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	287768	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	8.71	98	1129286	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	403585	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	

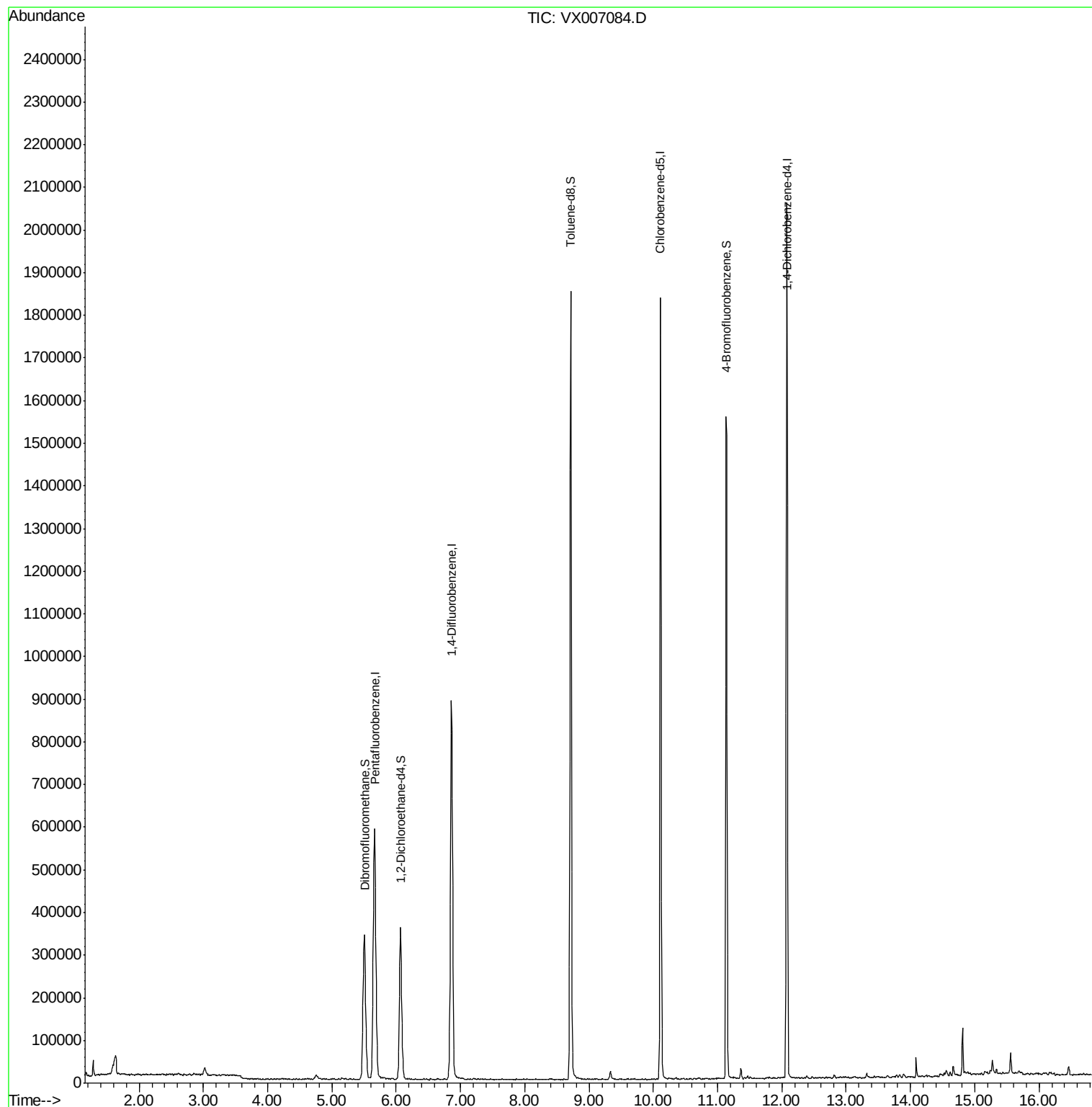
Target Compounds	Qvalue
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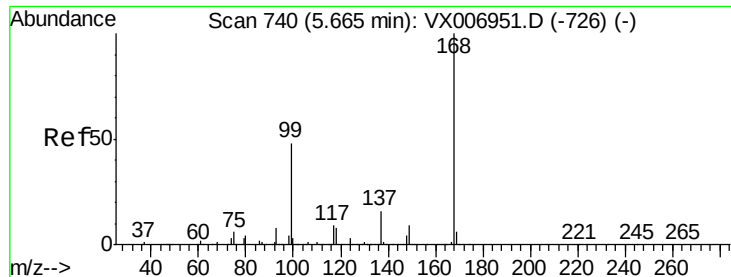
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007084.D

Acq: 17 Jan 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

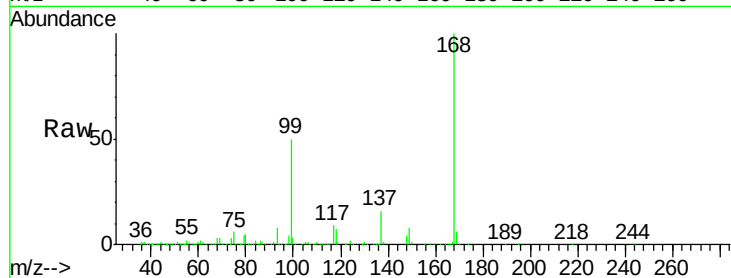
S8TB02-190114

Tot Ion:168 Resp: 627259

Ion Ratio Lower Upper

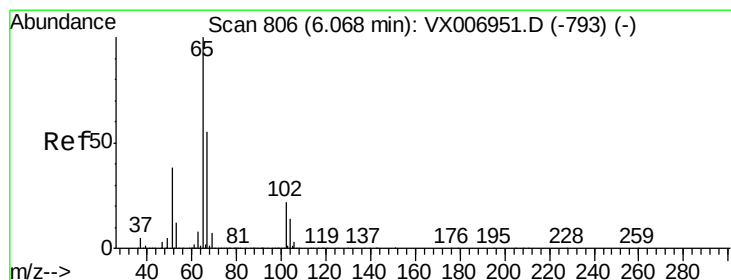
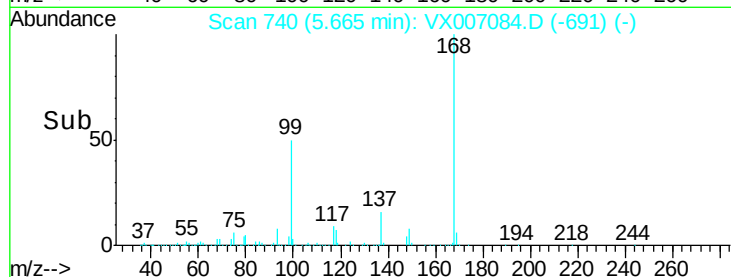
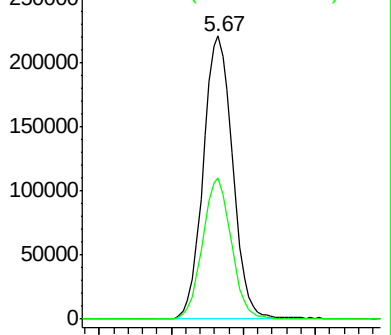
168 100

99 49.7 41.8 62.8



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: 49.275 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007084.D

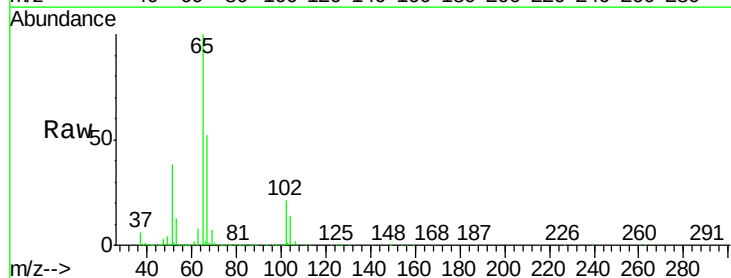
Acq: 17 Jan 2019 13:10

Tgt Ion: 65 Resp: 323018

Ion Ratio Lower Upper

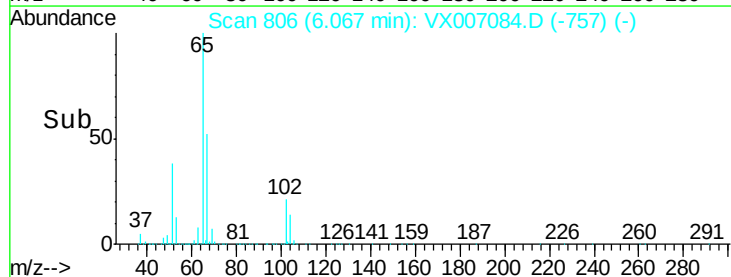
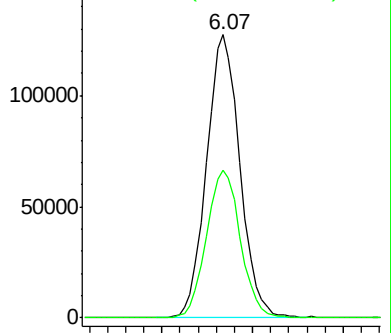
65 100

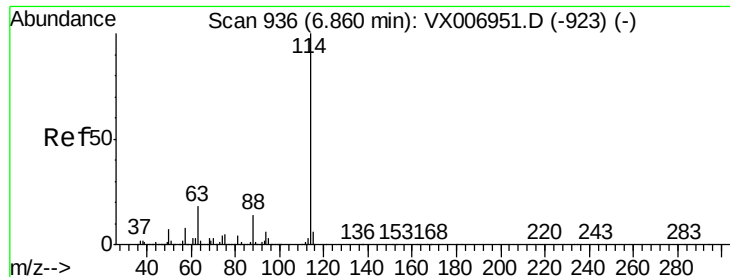
67 53.5 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007084.D

Acq: 17 Jan 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

S8TB02-190114

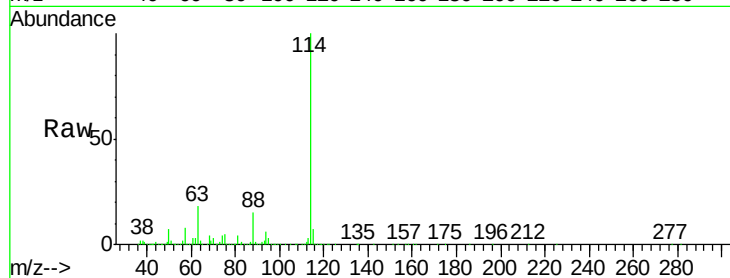
Tot Ion:114 Resp: 949714

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

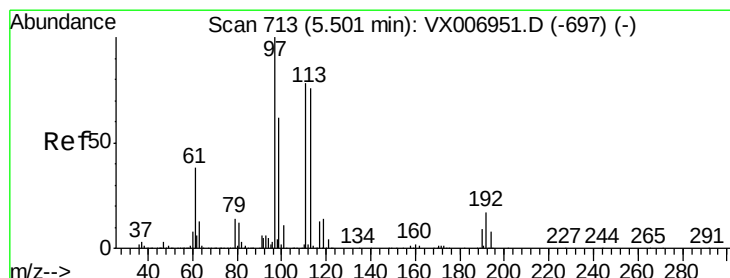
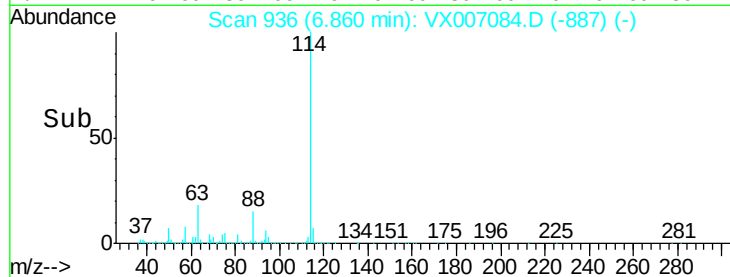
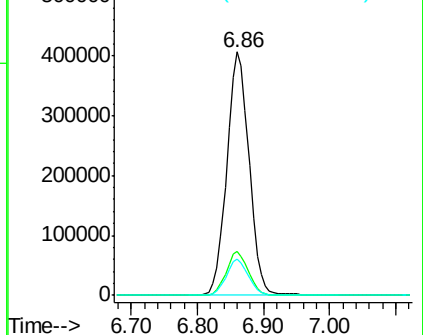
88 14.7 0.0 28.8



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: 47.315 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007084.D

Acq: 17 Jan 2019 13:10

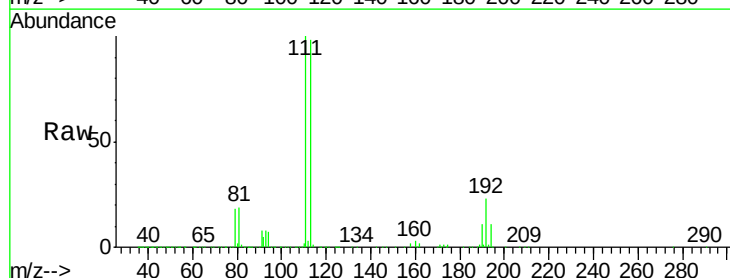
Tgt Ion:113 Resp: 287768

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

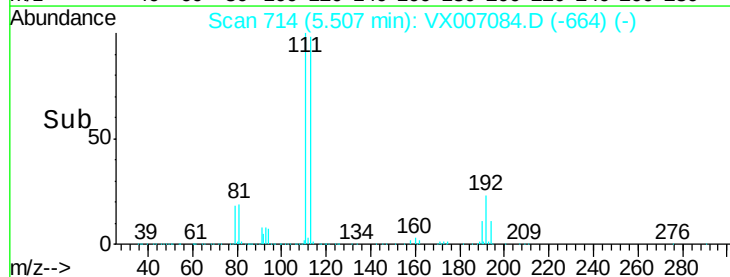
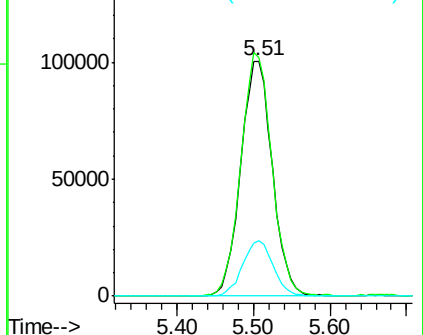
192 23.0 16.7 25.1

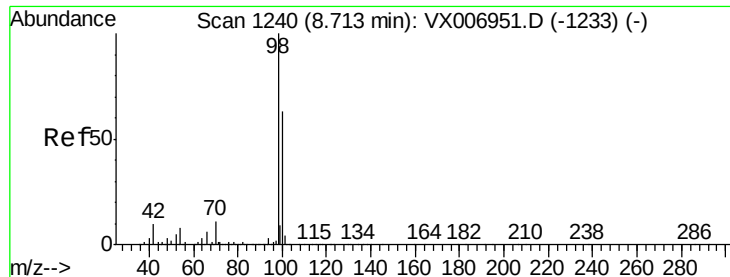


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.728 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007084.D

Acq: 17 Jan 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

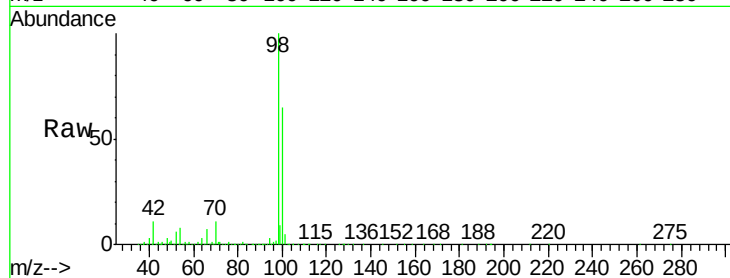
S8TB02-190114

Tot Ion: 98 Resp: 1129286

Ion Ratio Lower Upper

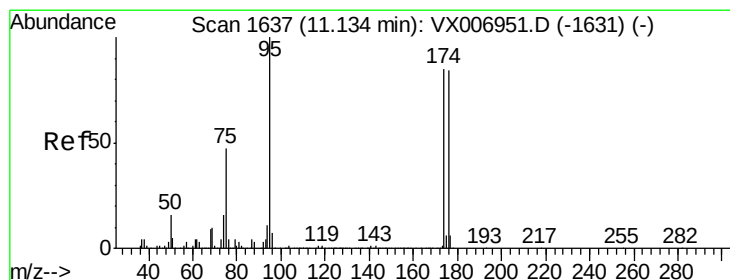
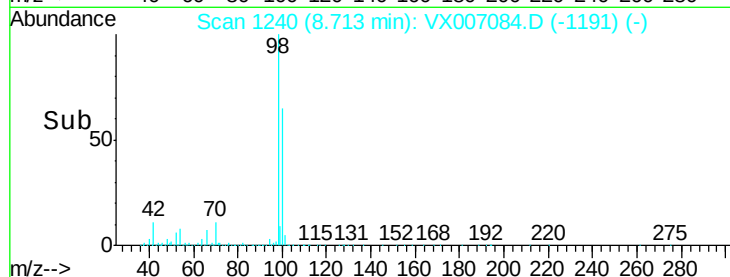
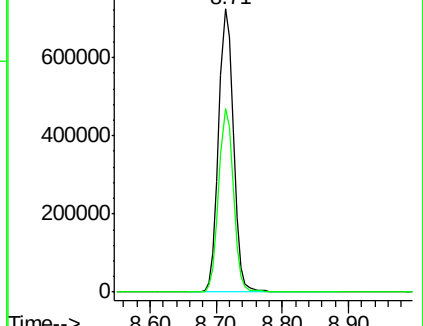
98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX006951.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX006951.D (-1233) (-)



#62

4-Bromofluorobenzene

Concen: 52.002 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007084.D

Acq: 17 Jan 2019 13:10

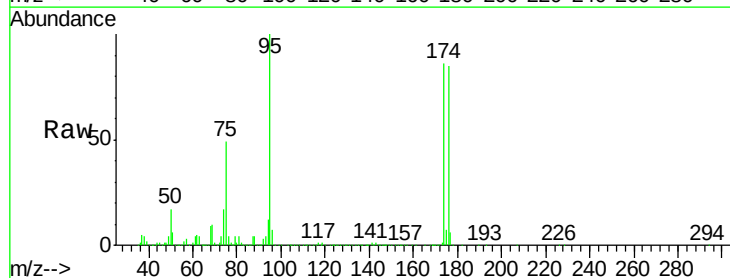
Tgt Ion: 95 Resp: 403585

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.2

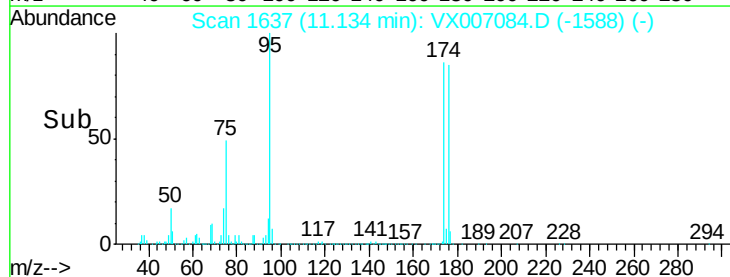
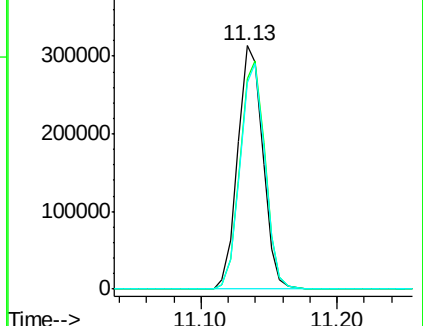
176 91.9 0.0 178.8

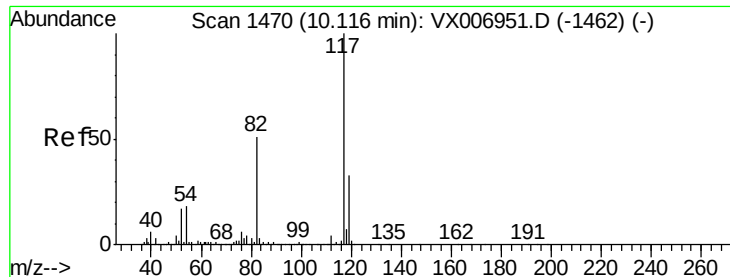


Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007084.D

Acq: 17 Jan 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

S8TB02-190114

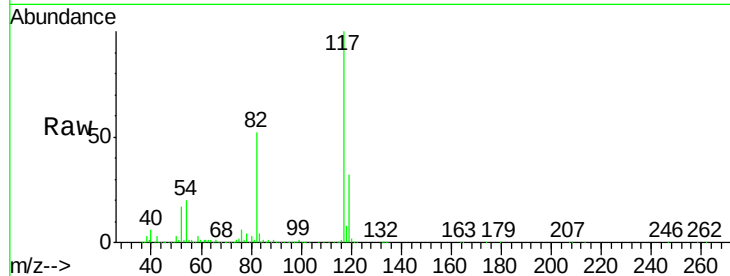
Tot Ion:117 Resp: 882009

Ion Ratio Lower Upper

117 100

82 51.9 41.0 61.6

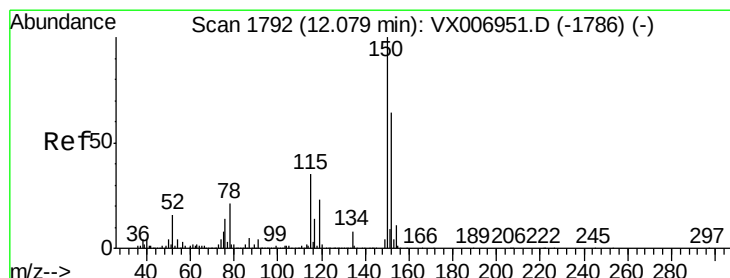
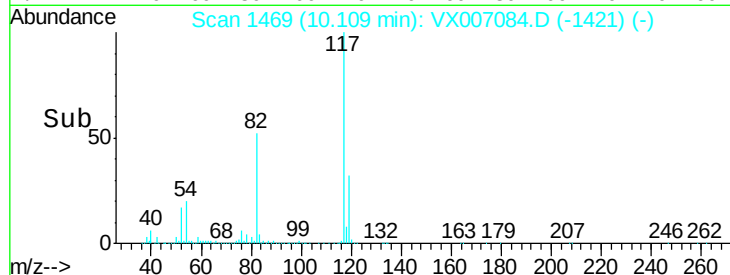
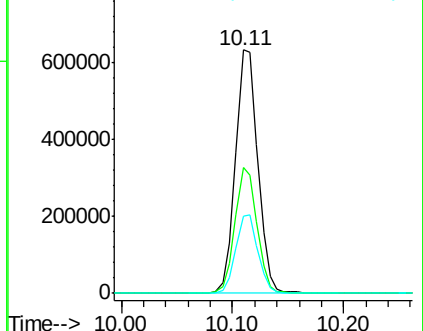
119 31.9 25.4 38.0



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007084.D

Acq: 17 Jan 2019 13:10

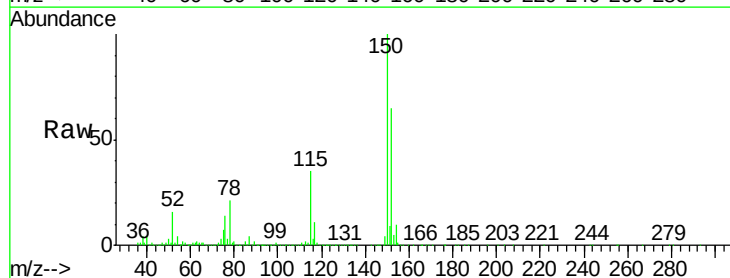
Tgt Ion:152 Resp: 440042

Ion Ratio Lower Upper

152 100

115 54.4 39.1 117.2

150 156.0 0.0 344.8



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

