

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
 Data File : VX007158.D
 Acq On : 21 Jan 2019 14:55
 Operator : JC/SP
 Sample : K1198-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW517-4246

Quant Time: Jan 25 03:38:25 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

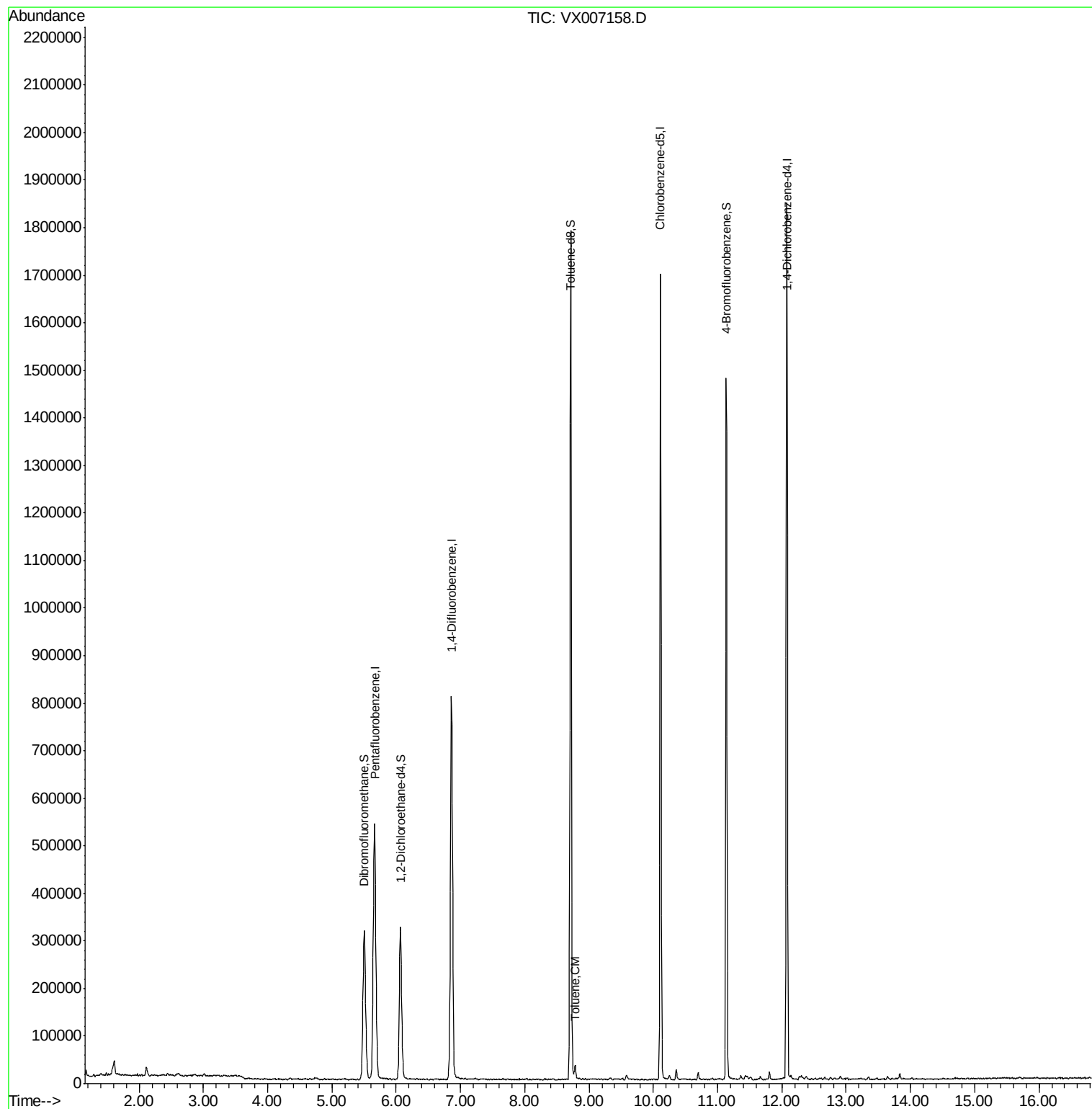
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	561168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	865072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	812316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	407475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	297773	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	5.50	113	267072	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	1035071	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.13	95	372862	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
Target Compounds						
52) Toluene	8.79	92	9800	0.664	ug/l	Qvalue 94

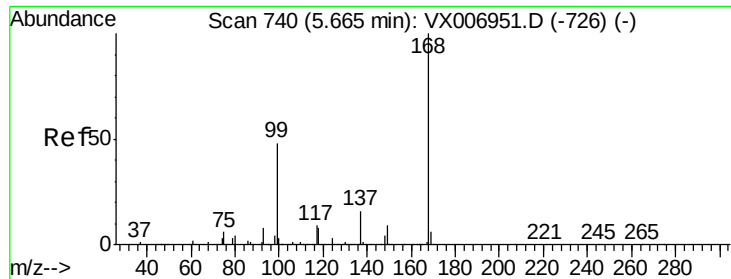
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007158.D

Acq: 21 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

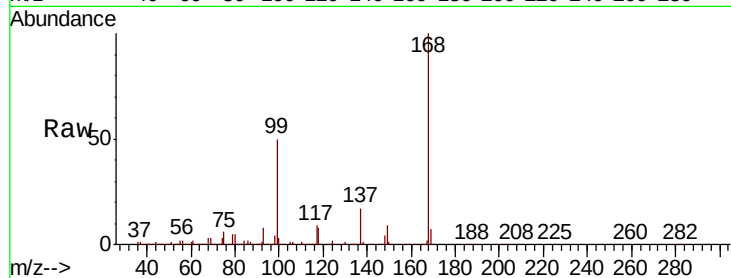
SA-TW517-4246

Tot Ion:168 Resp: 561168

Ion Ratio Lower Upper

168 100

99 49.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

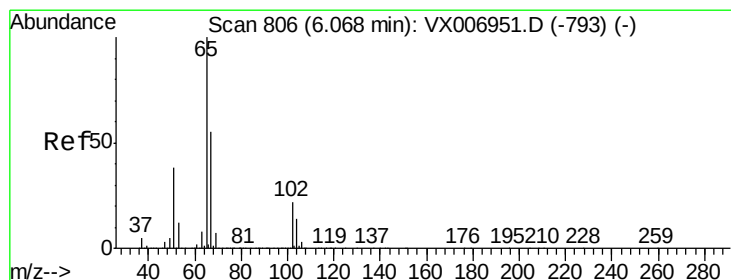
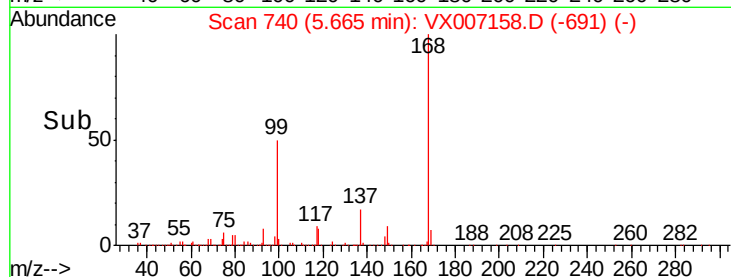
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.774 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007158.D

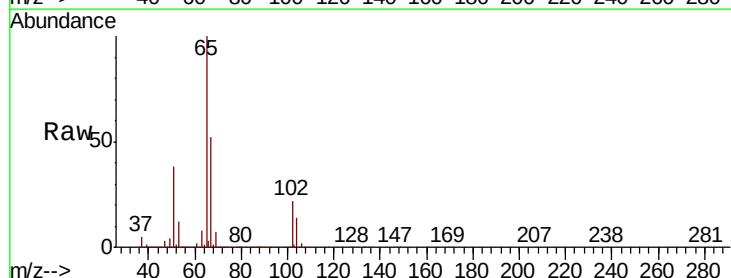
Acq: 21 Jan 2019 14:55

Tgt Ion: 65 Resp: 297773

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

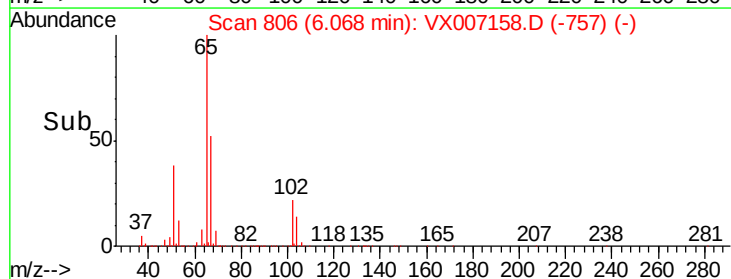
6.07

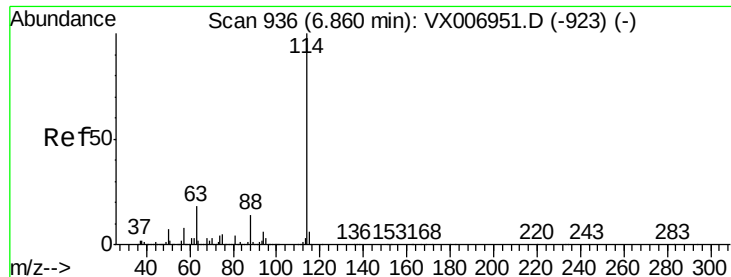
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007158.D

Acq: 21 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

SA-TW517-4246

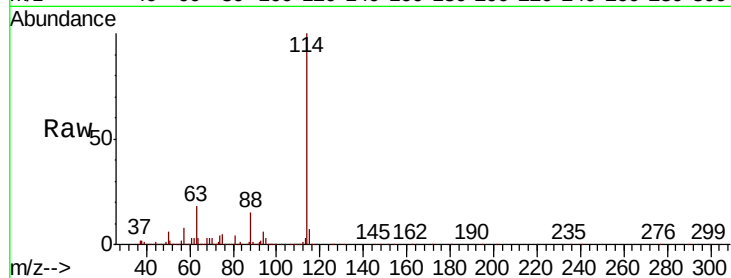
Tot Ion:114 Resp: 865072

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

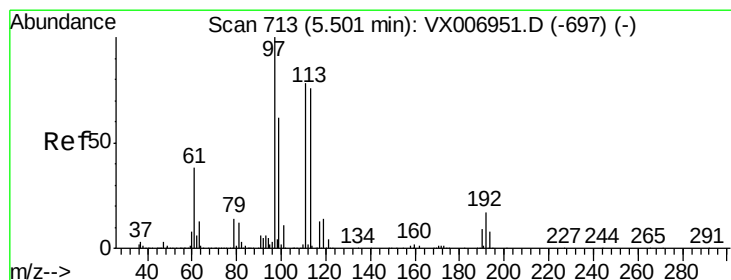
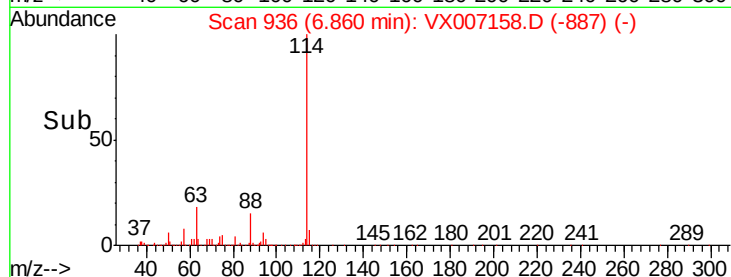
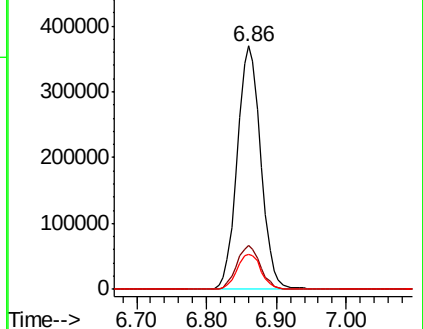
88 14.5 0.0 28.8



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: 48.209 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007158.D

Acq: 21 Jan 2019 14:55

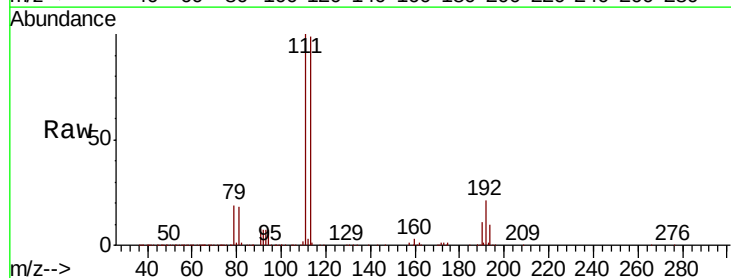
Tgt Ion:113 Resp: 267072

Ion Ratio Lower Upper

113 100

111 100.3 81.6 122.4

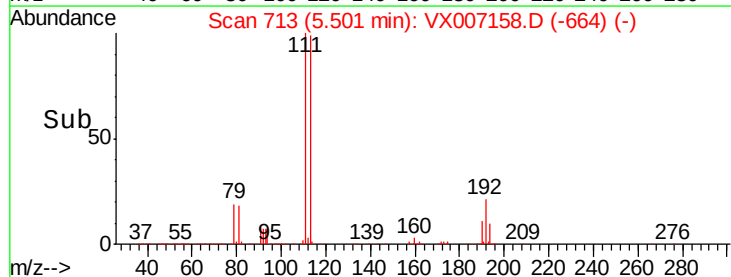
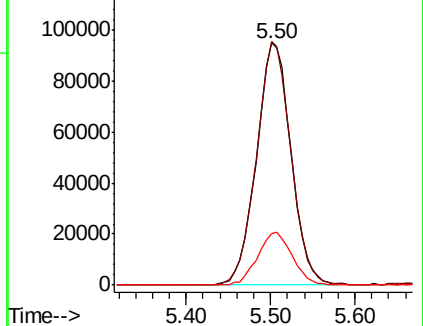
192 21.9 16.7 25.1

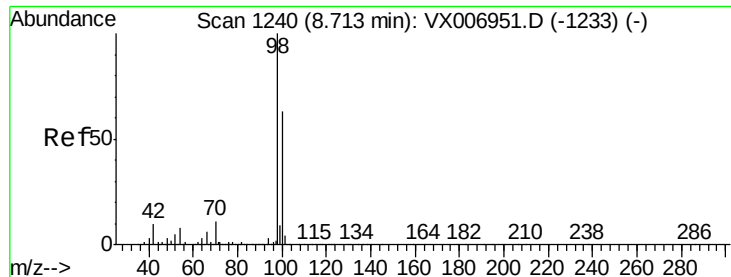


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.045 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007158.D

Acq: 21 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

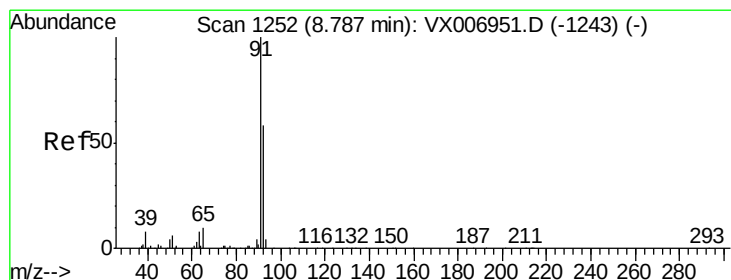
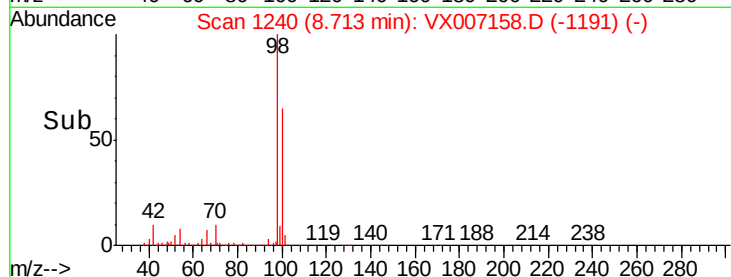
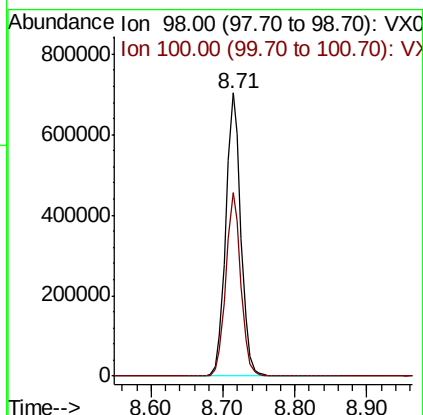
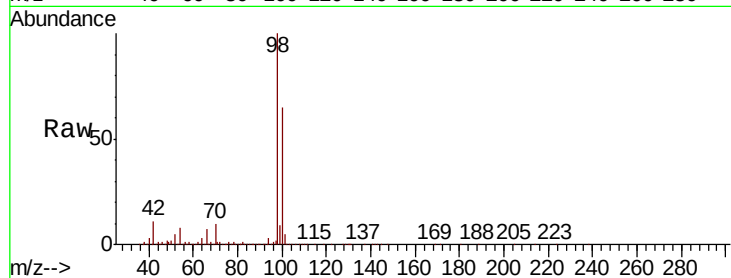
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Tot Ion: 98 Resp: 1035071

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#52

Toluene

Concen: 0.664 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007158.D

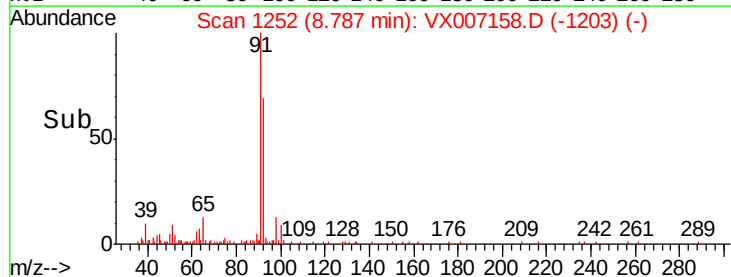
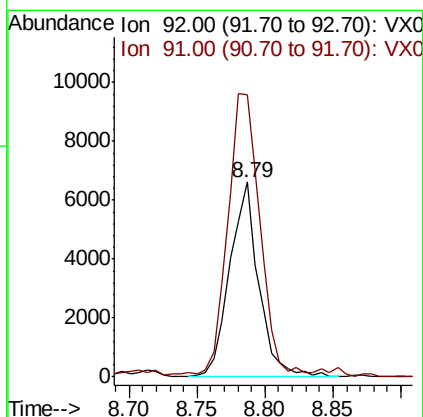
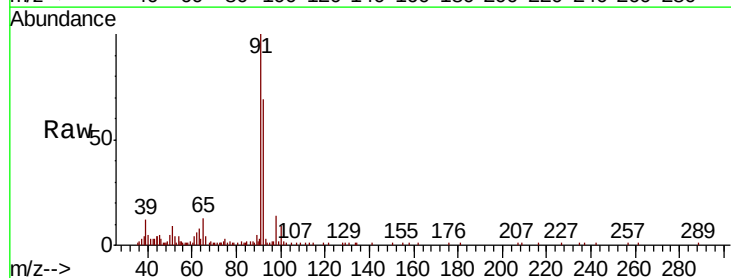
Acq: 21 Jan 2019 14:55

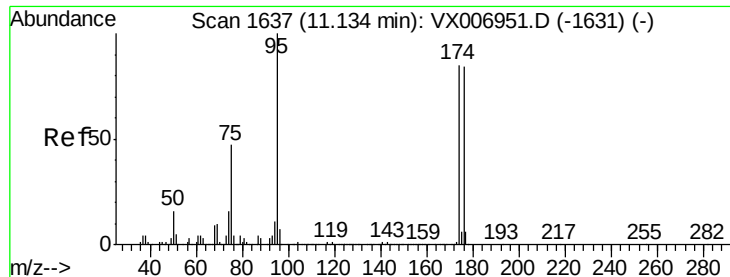
Tgt Ion: 92 Resp: 9800

Ion Ratio Lower Upper

92 100

91 164.0 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 52.744 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007158.D

Acq: 21 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

SA-TW517-4246

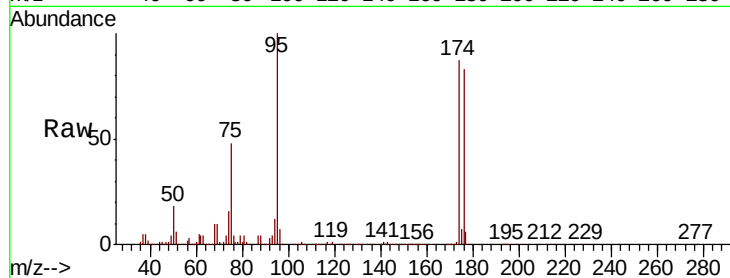
Tot Ion: 95 Resp: 372862

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.2

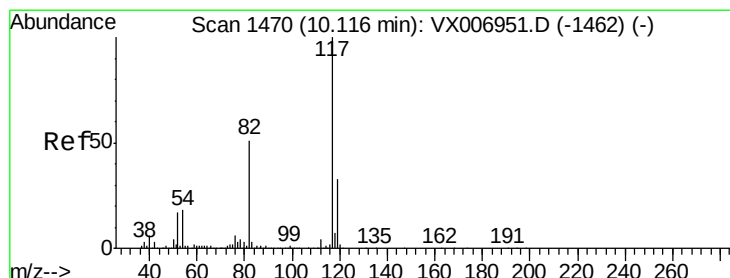
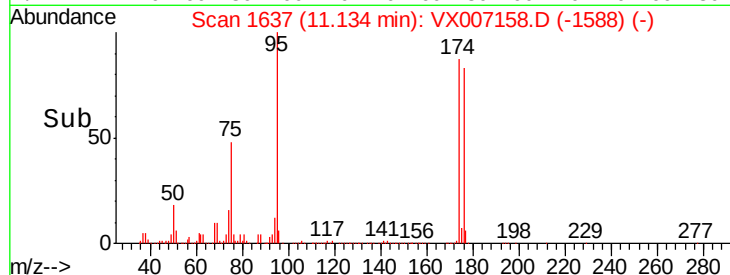
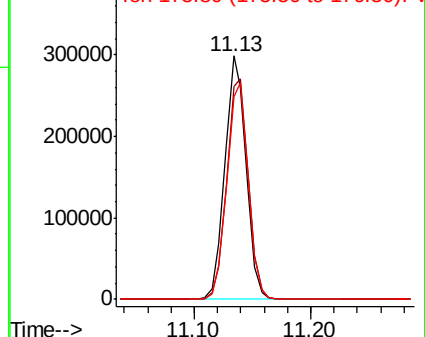
176 90.6 0.0 178.8



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: VX007158.D

Acq: 21 Jan 2019 14:55

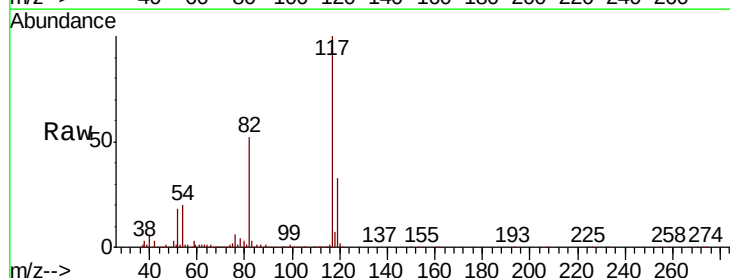
Tgt Ion: 117 Resp: 812316

Ion Ratio Lower Upper

117 100

82 52.4 41.0 61.6

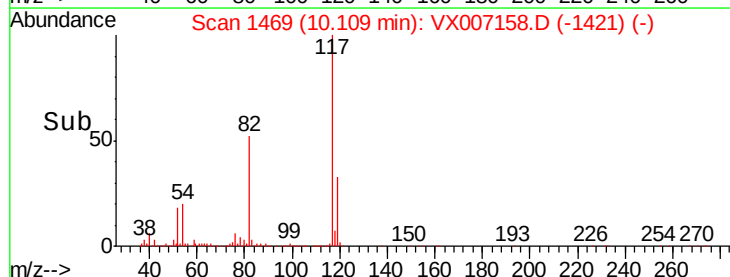
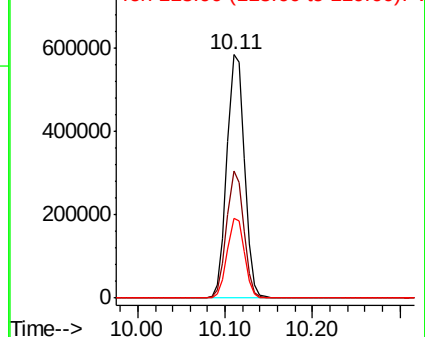
119 32.6 25.4 38.0

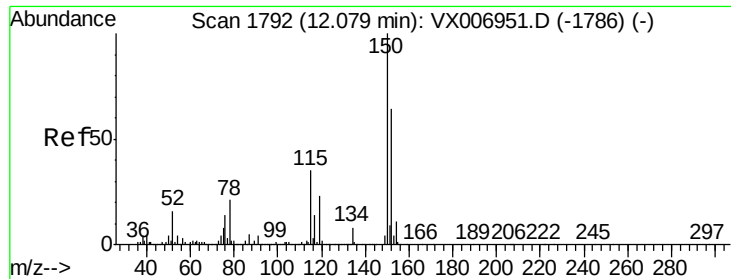


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007158.D

Acq: 21 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

SA-TW517-4246

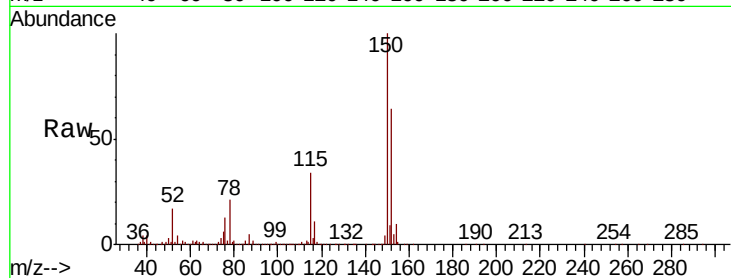
Tot Ion:152 Resp: 407475

Ion Ratio Lower Upper

152 100

115 53.9 39.1 117.2

150 156.2 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

