

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002239.D
 Acq On : 02 Jun 2018 15:10
 Operator : JC/MD
 Sample : J3151-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW183-180523

Quant Time: Jun 04 13:03:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

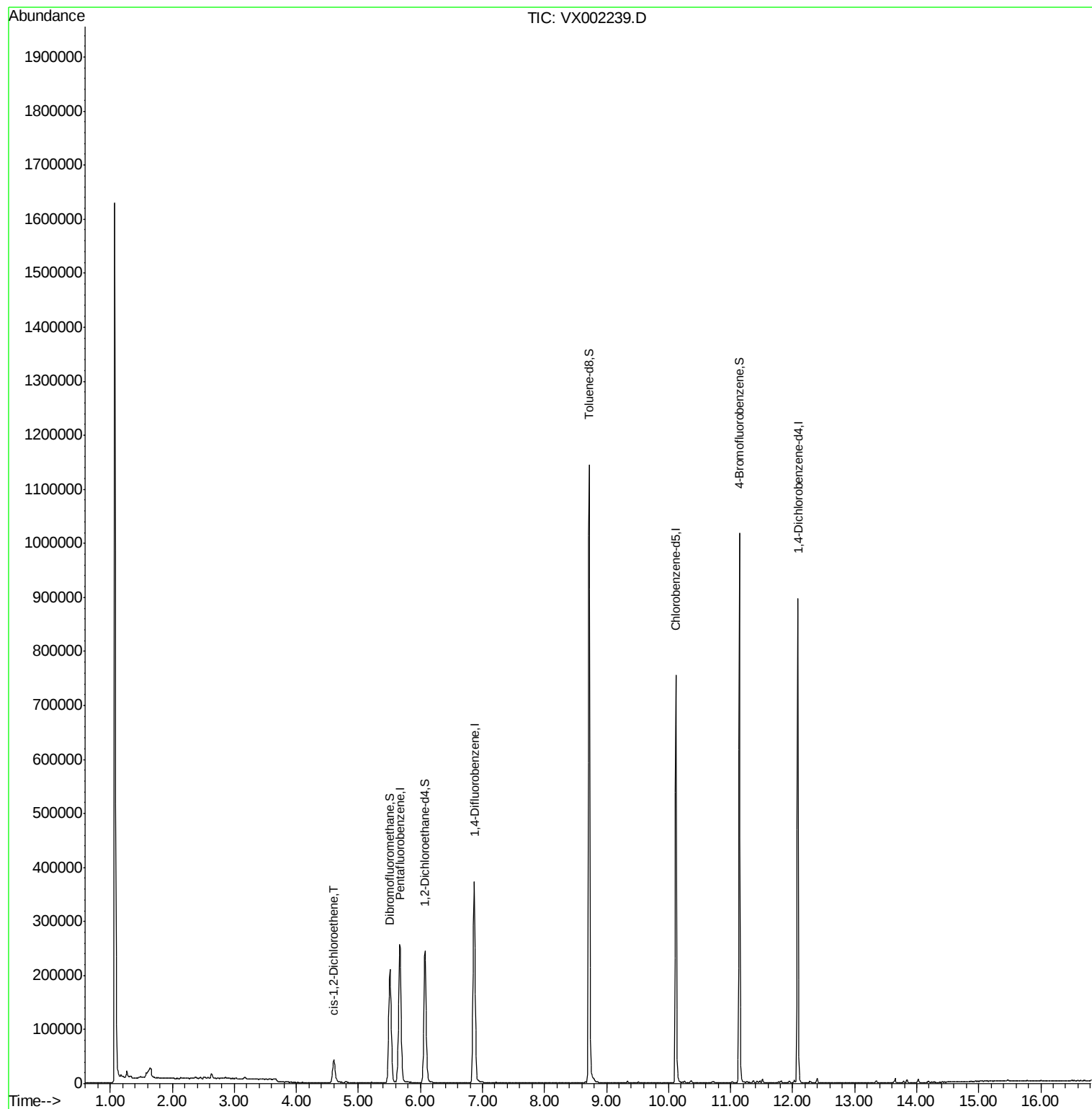
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	233117	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
35) Dibromofluoromethane	5.51	113	171337	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	8.72	98	669343	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.14	95	236126	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	25072	6.320	ug/l	Qvalue 95

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX002239.D

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Instrument :

MSVOA_X

ClientSampleId :

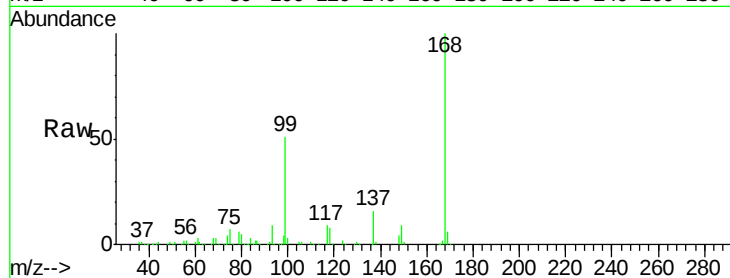
SS052MW183-180523

Tot Ion:168 Resp: 261027

Ion Ratio Lower Upper

168 100

99 51.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

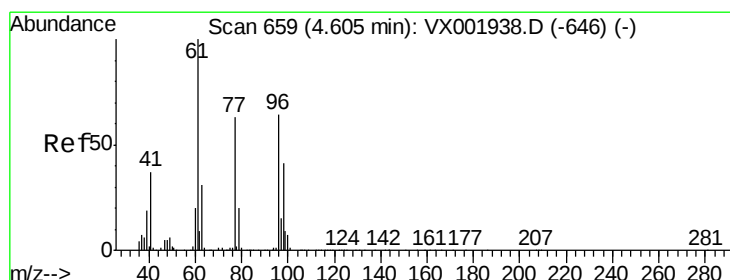
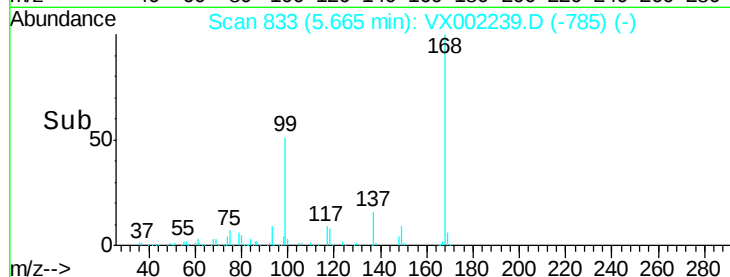
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#27

cis-1,2-Dichloroethene

Concen: 6.320 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002239.D

Acq: 02 Jun 2018 15:10

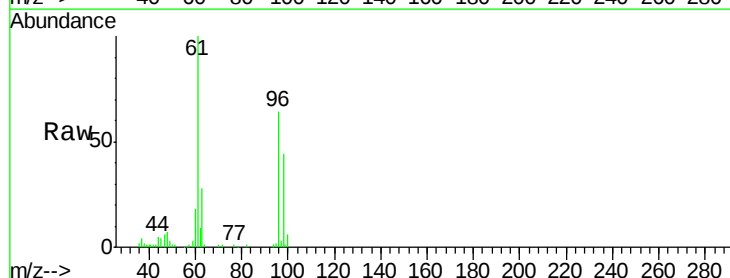
Tgt Ion: 96 Resp: 25072

Ion Ratio Lower Upper

96 100

61 183.8 0.0 348.4

98 63.5 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

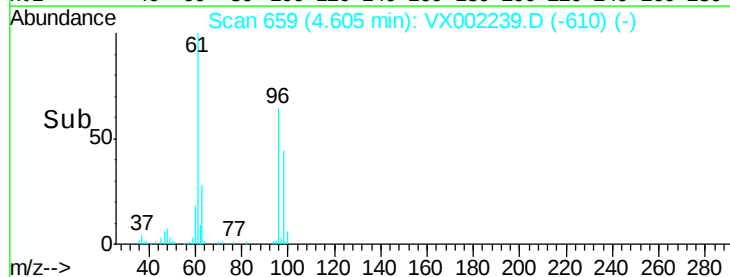
15000

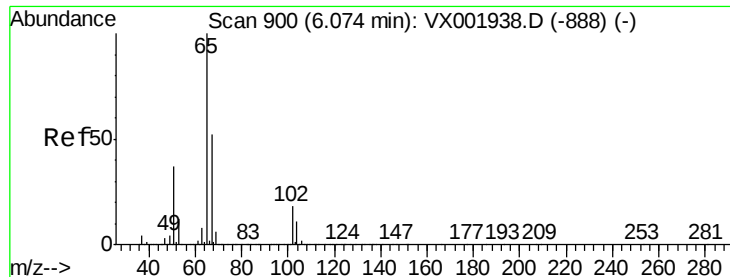
10000

5000

0

Time--> 4.50 4.60 4.70

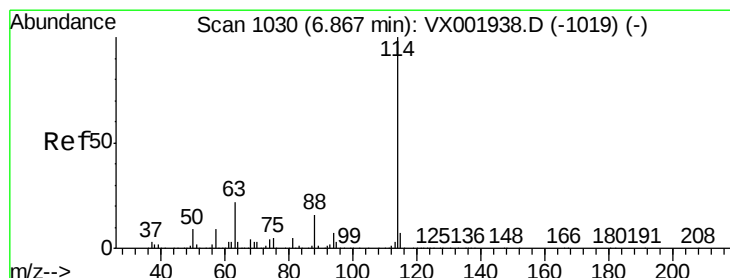
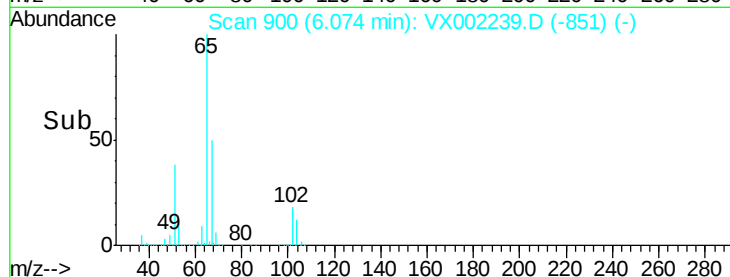
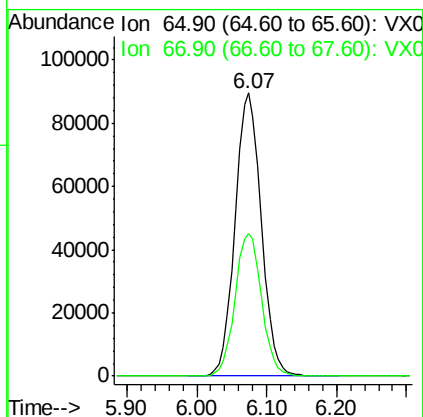
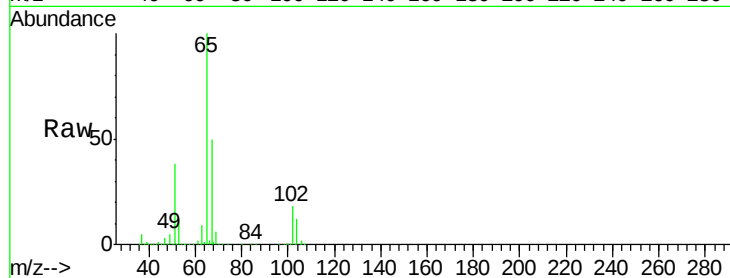




#33
 1,2-Dichloroethane-d4
 Concen: 49.962 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002239.D
 Acq: 02 Jun 2018 15:10

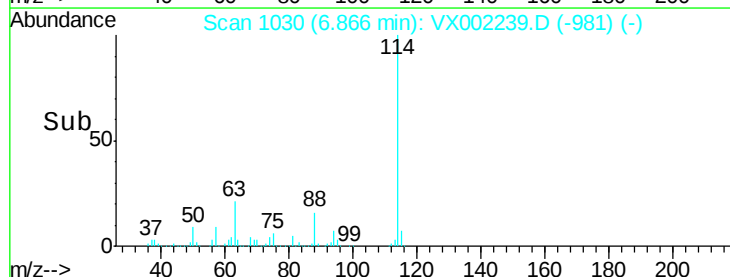
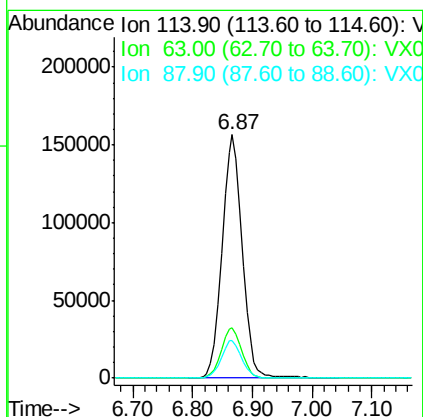
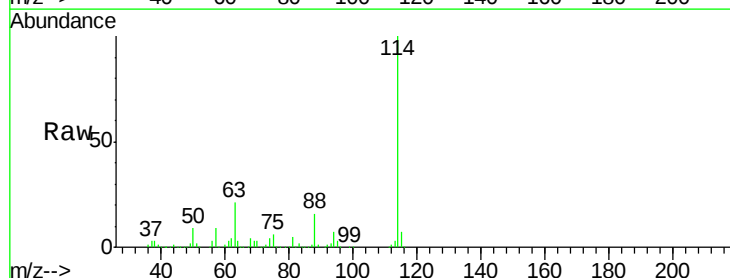
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW183-180523

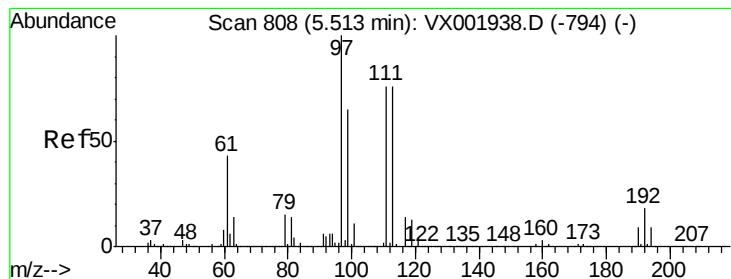
Tot Ion: 65 Resp: 233117
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002239.D
 Acq: 02 Jun 2018 15:10

Tgt Ion: 114 Resp: 367649
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.603 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002239.D

Acq: 02 Jun 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW183-180523

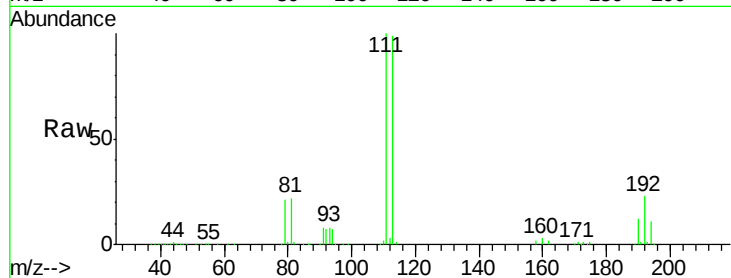
Tot Ion:113 Resp: 171337

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

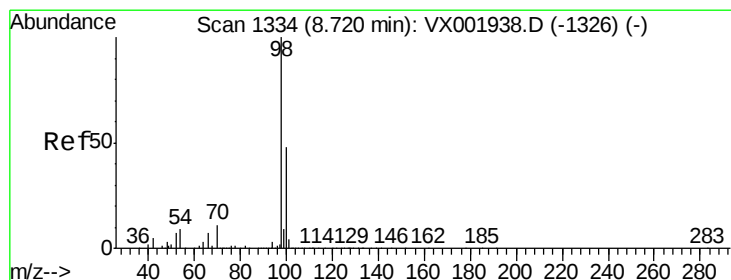
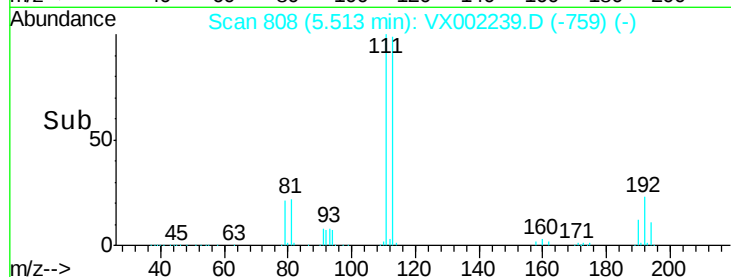
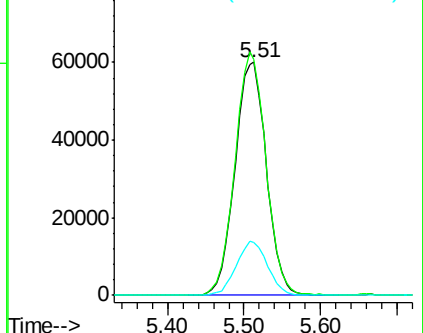
192 23.0 18.9 28.3



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: 50.288 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002239.D

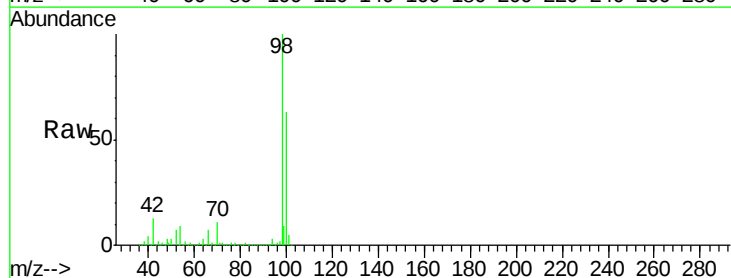
Acq: 02 Jun 2018 15:10

Tgt Ion: 98 Resp: 669343

Ion Ratio Lower Upper

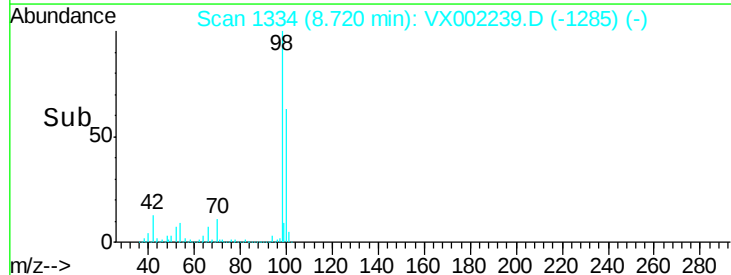
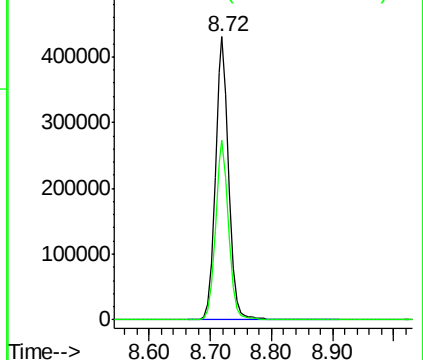
98 100

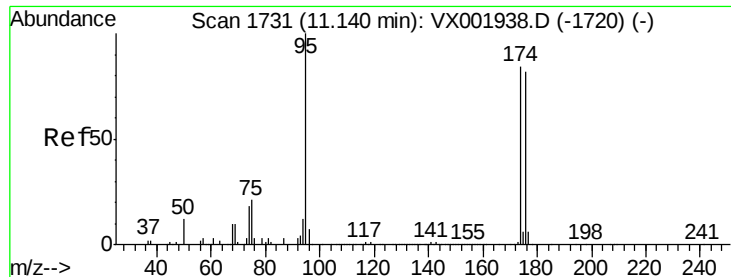
100 63.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 45.342 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002239.D

Acq: 02 Jun 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW183-180523

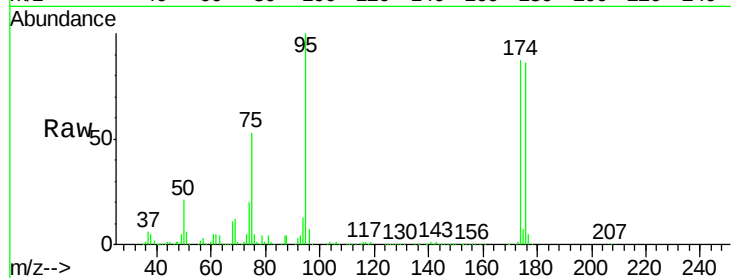
Tot Ion: 95 Resp: 236126

Ion Ratio Lower Upper

95 100

174 92.4 0.0 178.8

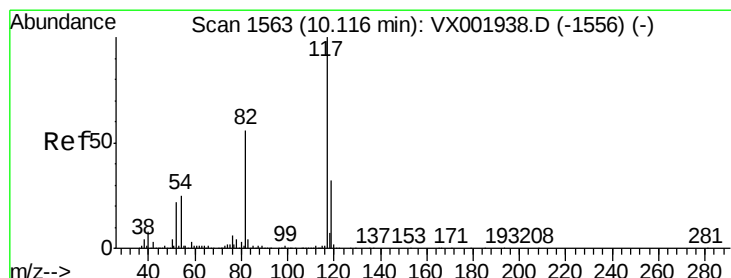
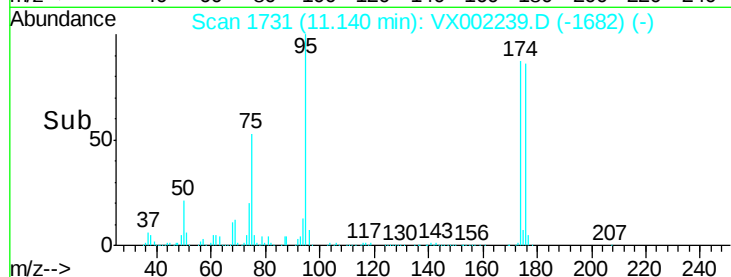
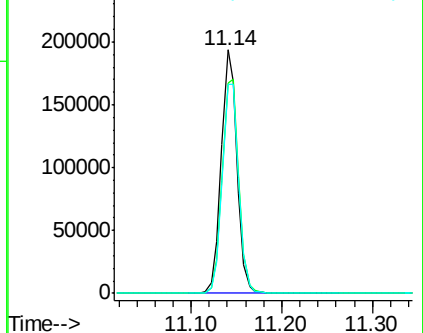
176 90.5 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002239.D

Acq: 02 Jun 2018 15:10

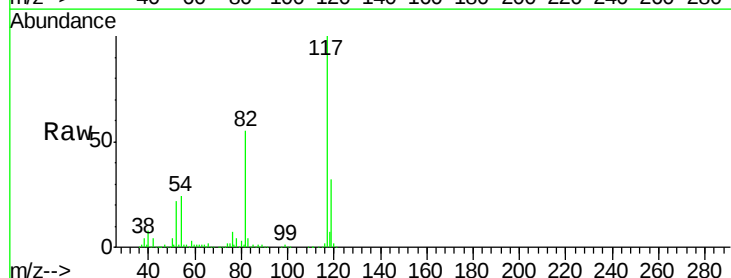
Tgt Ion: 117 Resp: 334241

Ion Ratio Lower Upper

117 100

82 55.4 44.8 67.2

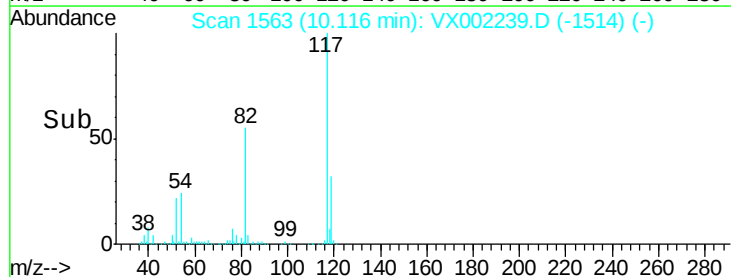
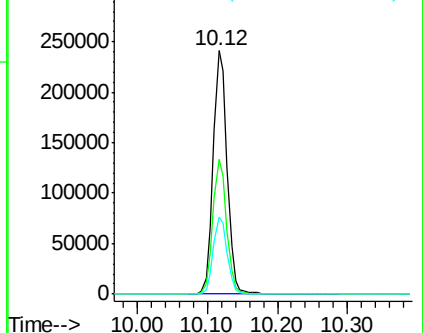
119 31.7 25.5 38.3

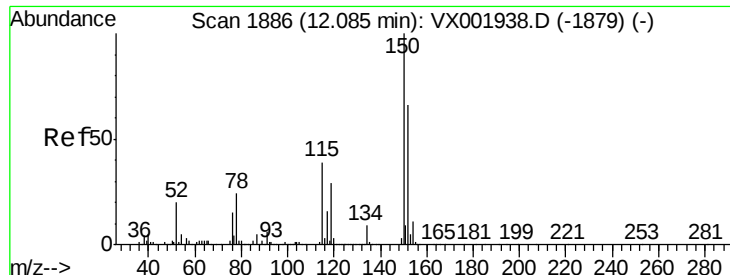


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002239.D

Acq: 02 Jun 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW183-180523

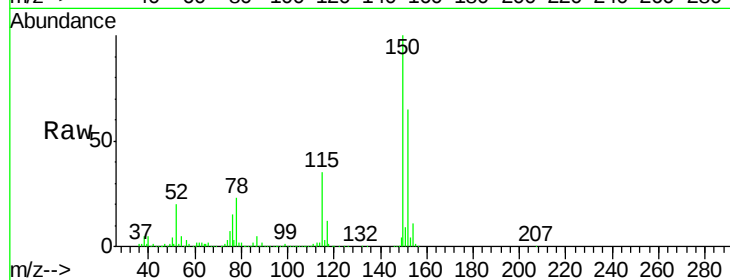
Tot Ion:152 Resp: 190306

Ion Ratio Lower Upper

152 100

115 55.2 42.3 126.8

150 153.6 0.0 351.0



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

