

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002236.D
 Acq On : 02 Jun 2018 13:32
 Operator : JC/MD
 Sample : VX0602WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBL01

Quant Time: Jun 04 05:32:16 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	264583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	386914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192205	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	233793	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
35) Dibromofluoromethane	5.51	113	171306	44.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.54%	
50) Toluene-d8	8.72	98	689982	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.14	95	239252	43.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.30%	

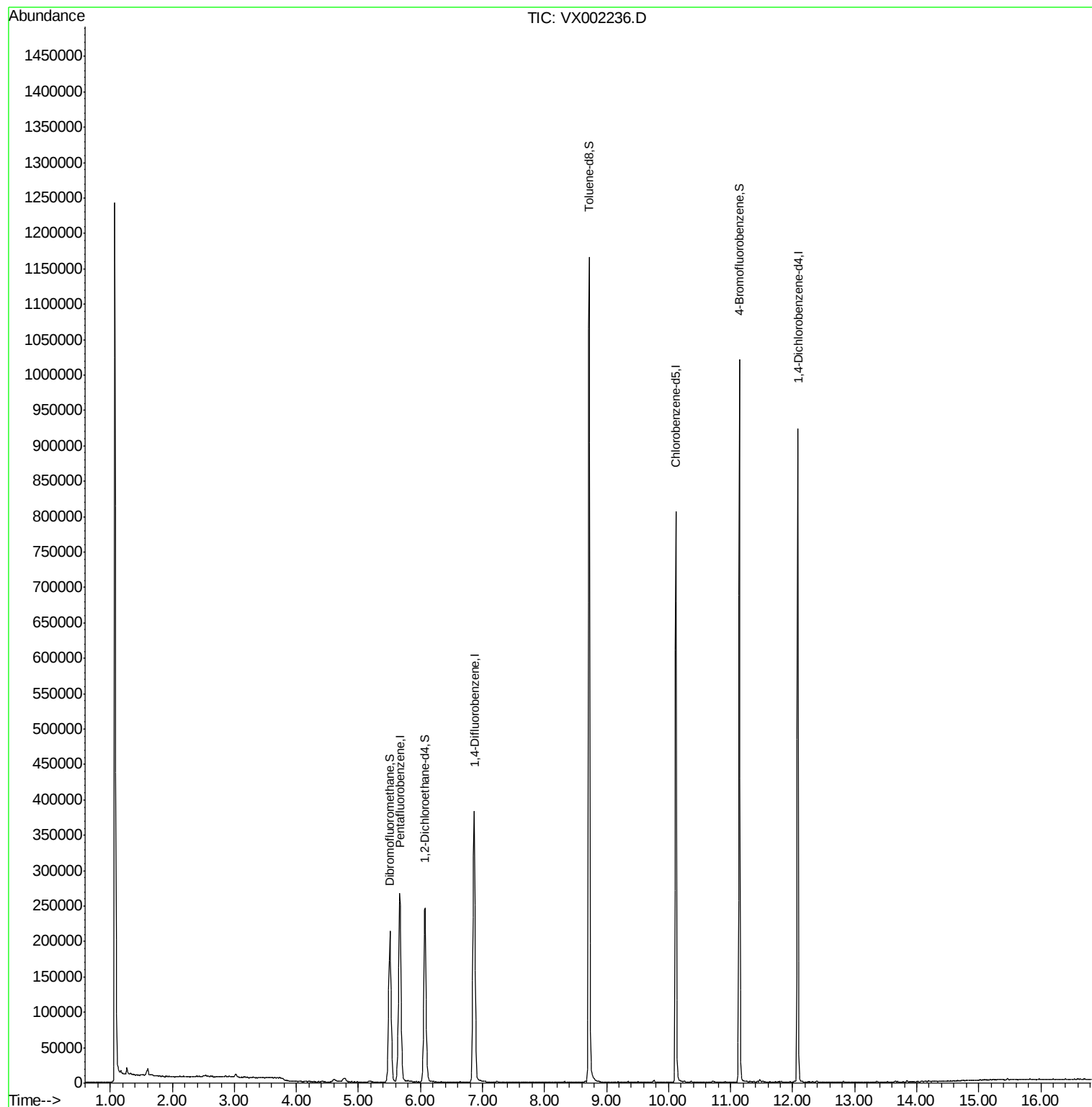
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002236.D

Acq: 02 Jun 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

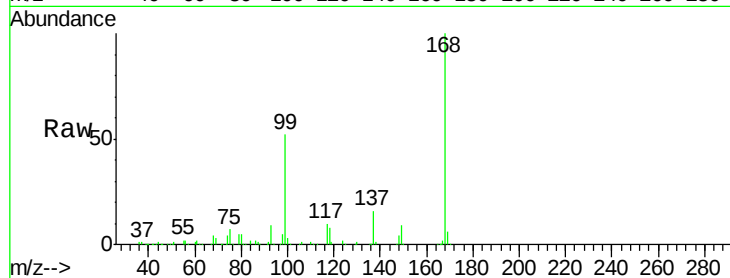
VX0602WBL01

Tot Ion:168 Resp: 264583

Ion Ratio Lower Upper

168 100

99 51.7 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

100000

80000

60000

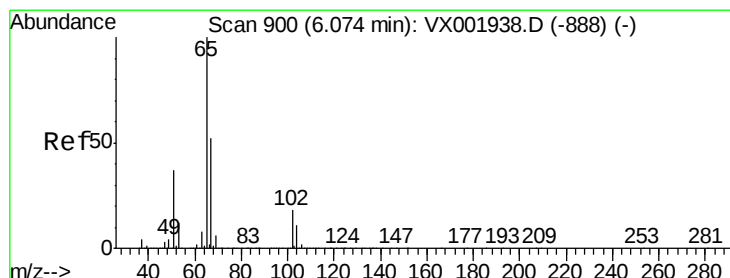
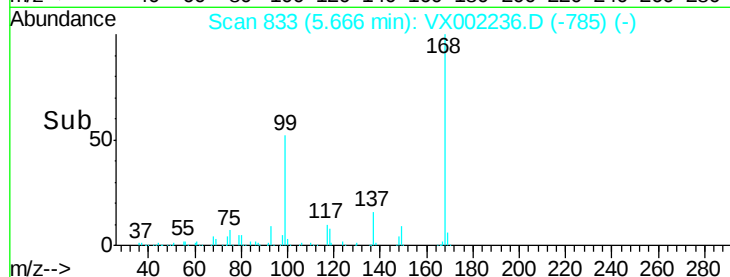
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 49.43 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002236.D

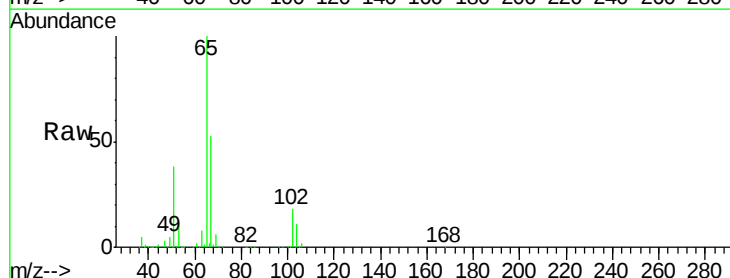
Acq: 02 Jun 2018 13:32

Tgt Ion: 65 Resp: 233793

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

60000

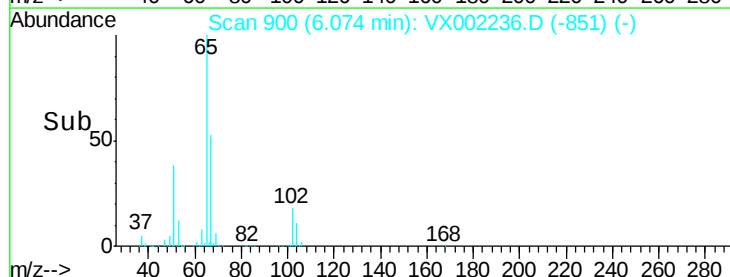
40000

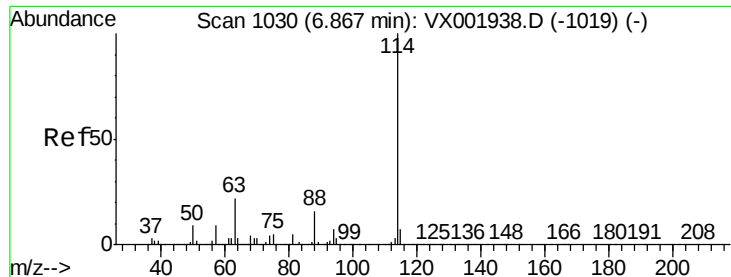
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002236.D

Acq: 02 Jun 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBL01

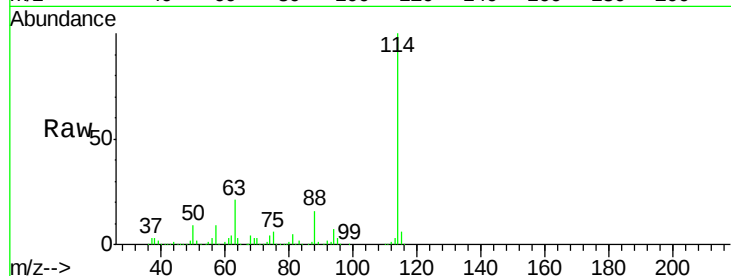
Tot Ion:114 Resp: 386914

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

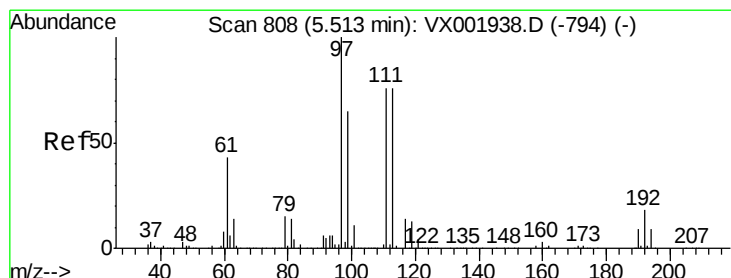
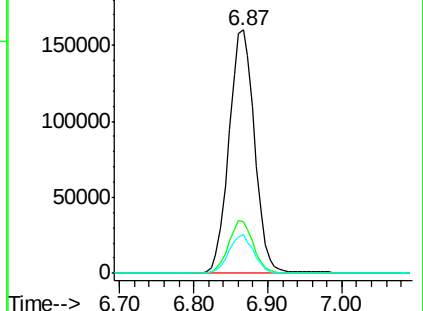
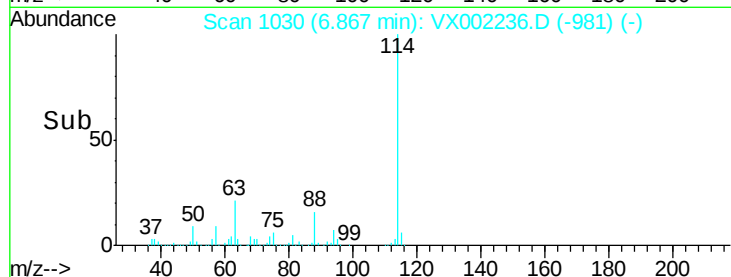
88 16.1 0.0 31.6



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: 44.27 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002236.D

Acq: 02 Jun 2018 13:32

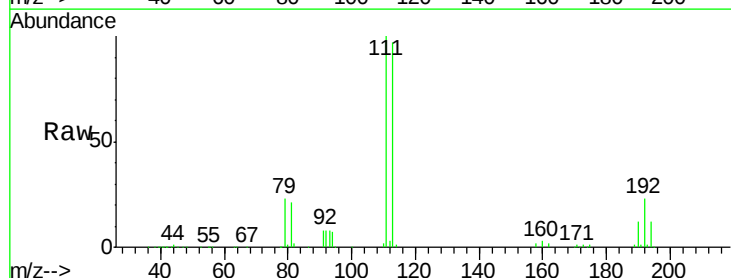
Tgt Ion:113 Resp: 171306

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

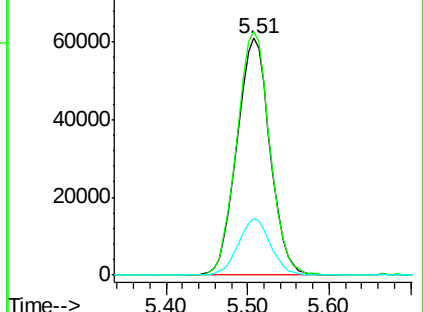
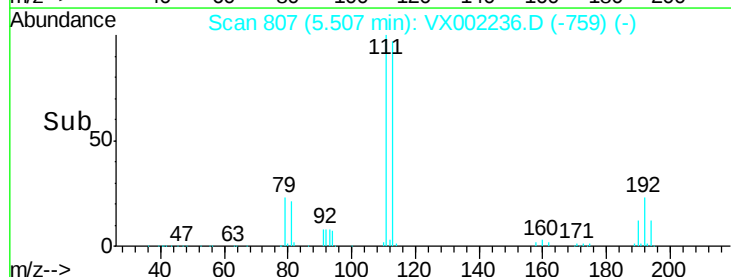
192 23.4 18.9 28.3

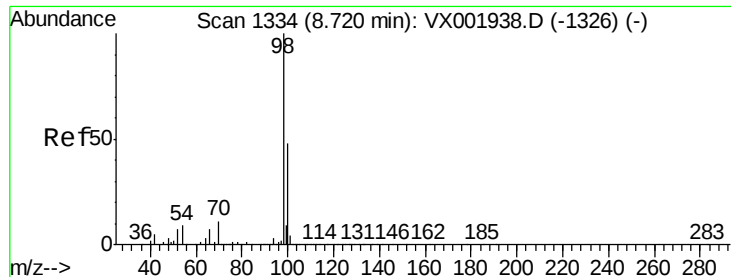


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002236.D

Acq: 02 Jun 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

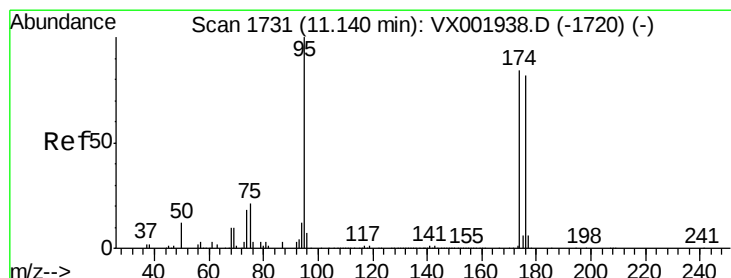
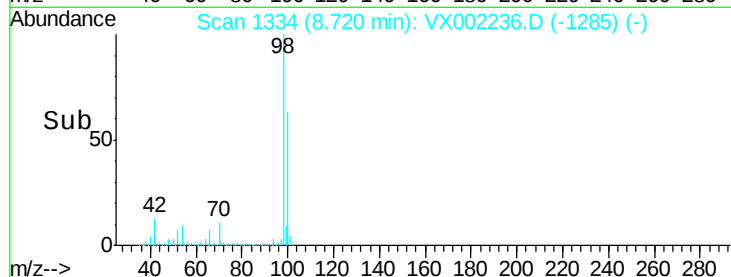
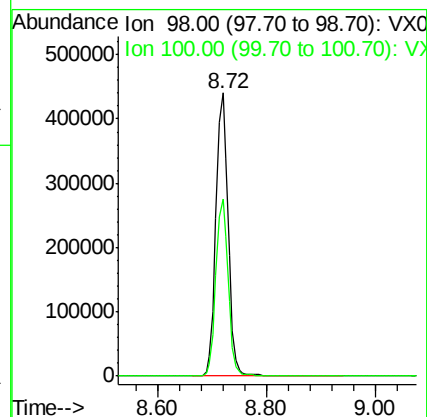
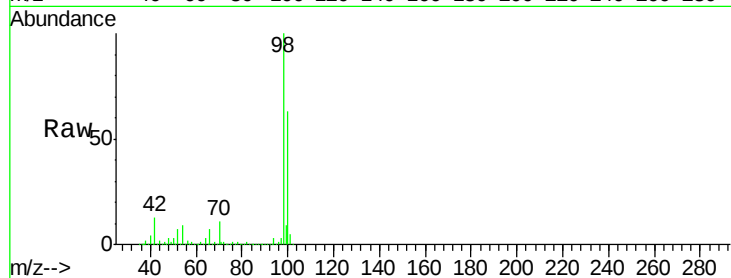
VX0602WBL01

Tot Ion: 98 Resp: 689982

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 43.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002236.D

Acq: 02 Jun 2018 13:32

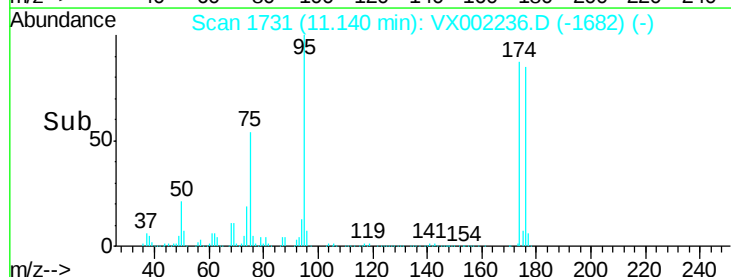
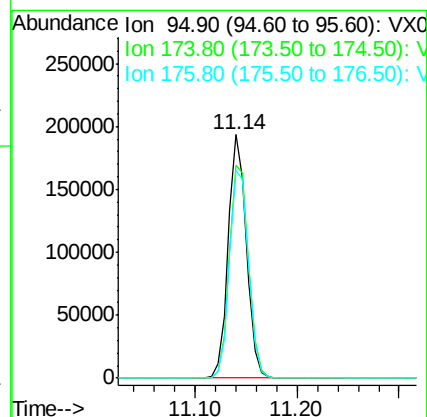
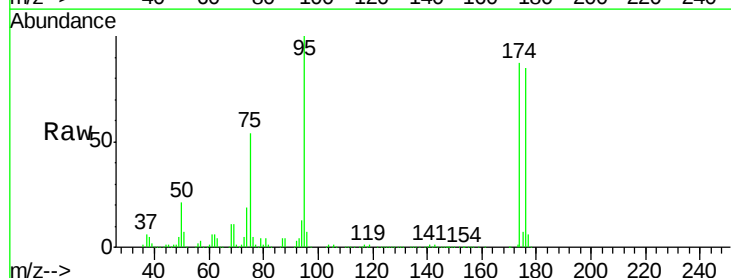
Tgt Ion: 95 Resp: 239252

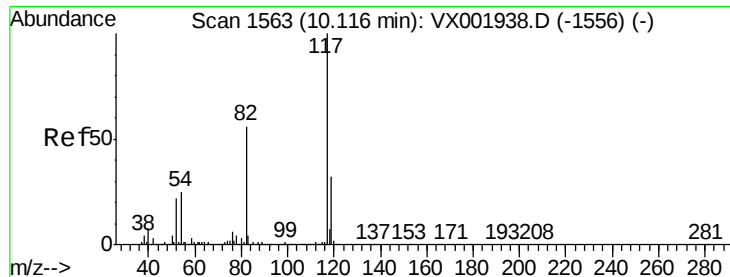
Ion Ratio Lower Upper

95 100

174 92.4 0.0 178.8

176 89.5 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002236.D

Acq: 02 Jun 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBL01

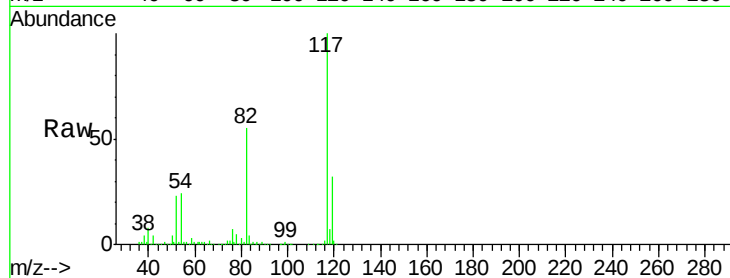
Tot Ion:117 Resp: 347344

Ion Ratio Lower Upper

117 100

82 55.5 44.8 67.2

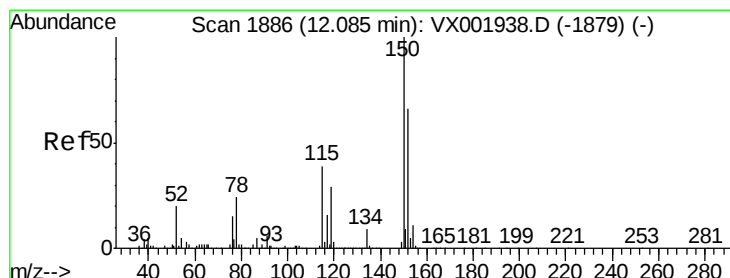
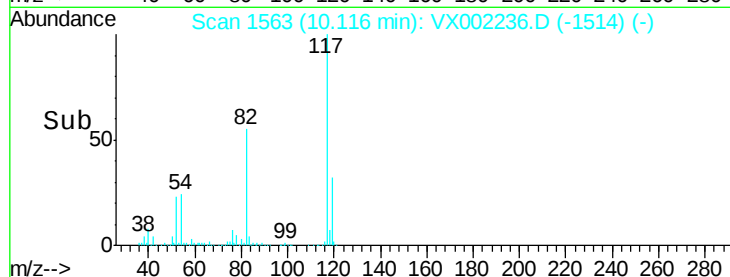
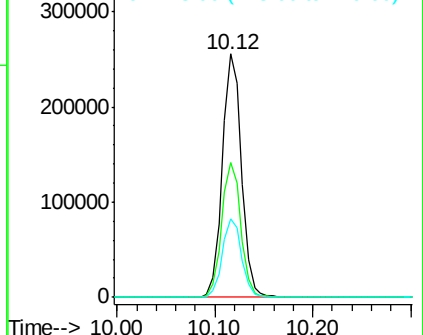
119 32.4 25.5 38.3



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002236.D

Acq: 02 Jun 2018 13:32

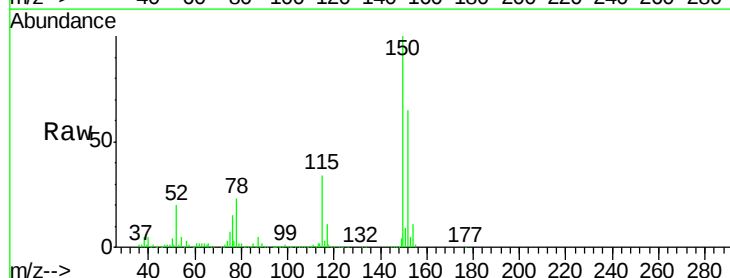
Tgt Ion:152 Resp: 192205

Ion Ratio Lower Upper

152 100

115 55.0 42.3 126.8

150 156.1 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

