

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001736.D
 Acq On : 15 May 2018 10:59
 Operator : JC/MD
 Sample : VX0515WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBL02

Quant Time: May 16 04:20:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	205600	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.51	113	169428	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	8.72	98	632622	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.14	95	203728	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	

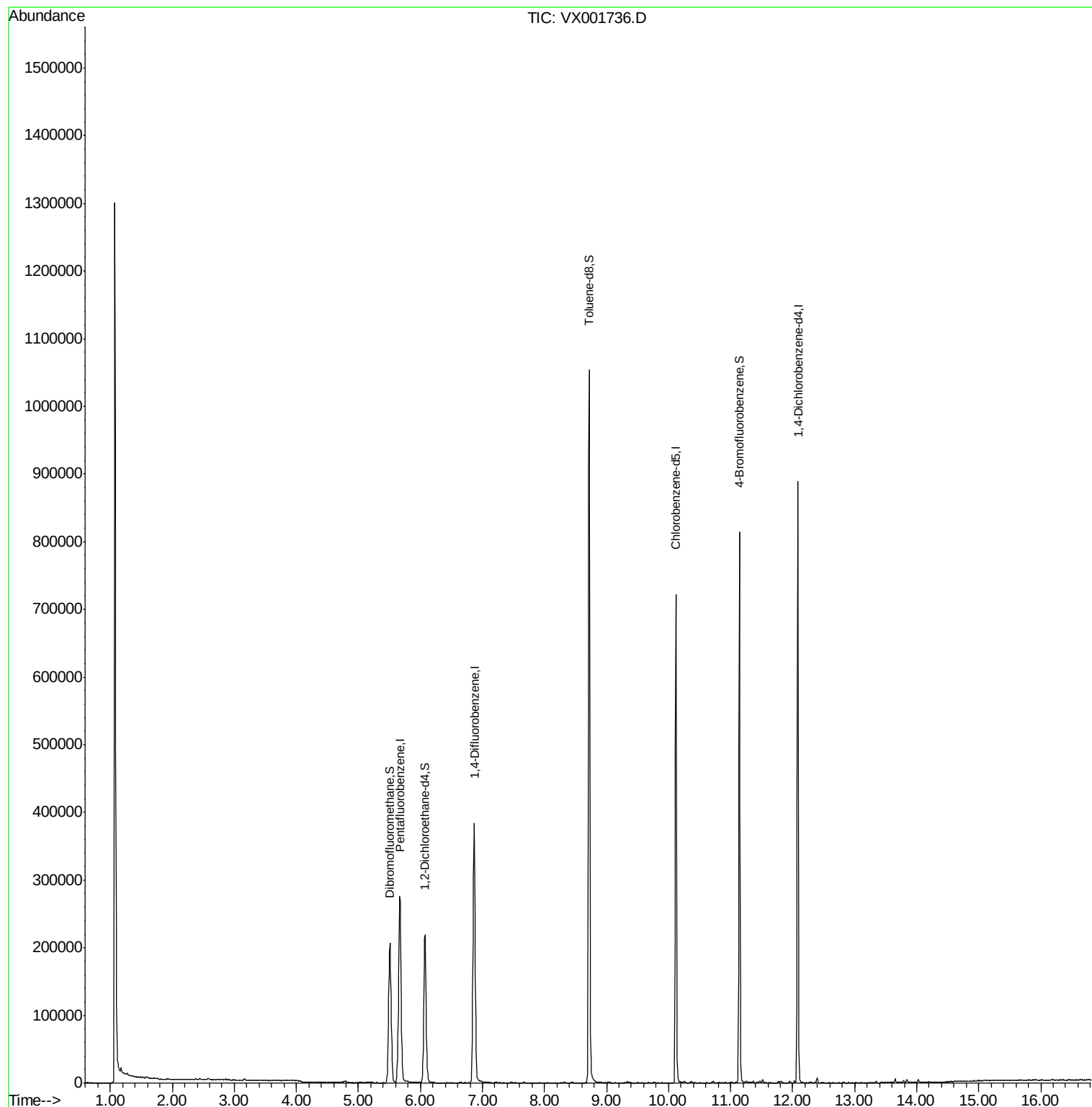
Target Compounds	Qvalue

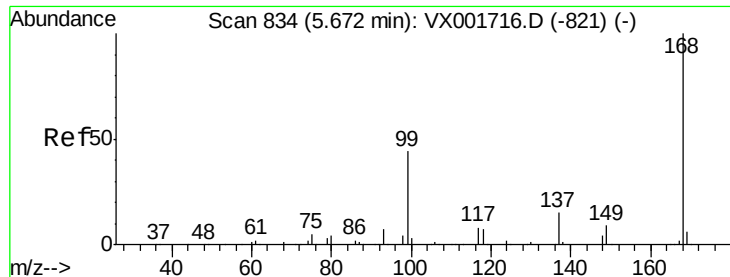
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001736.D

Acq: 15 May 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

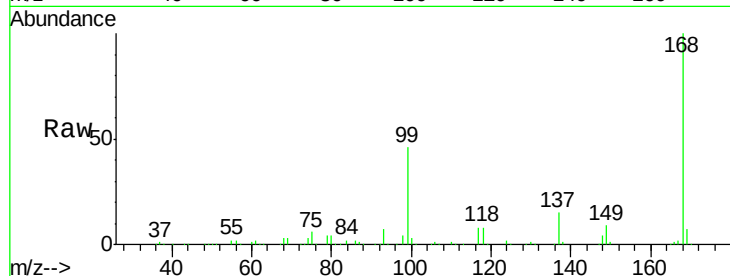
VX0515WBL02

Tot Ion:168 Resp: 300649

Ion Ratio Lower Upper

168 100

99 46.4 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

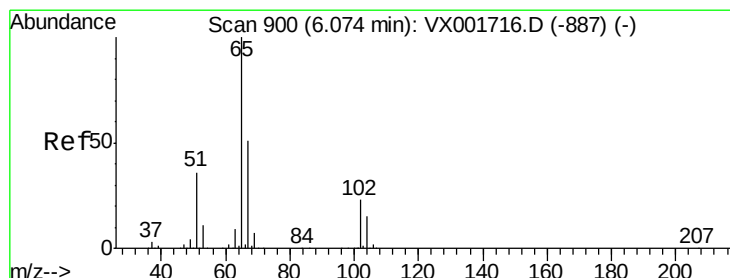
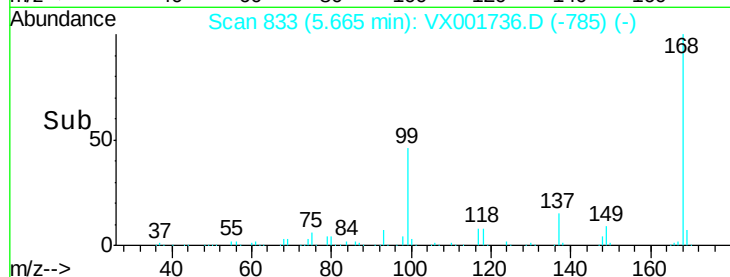
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 51.02 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001736.D

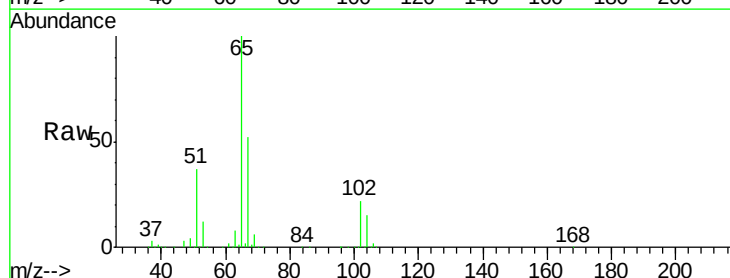
Acq: 15 May 2018 10:59

Tgt Ion: 65 Resp: 205600

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

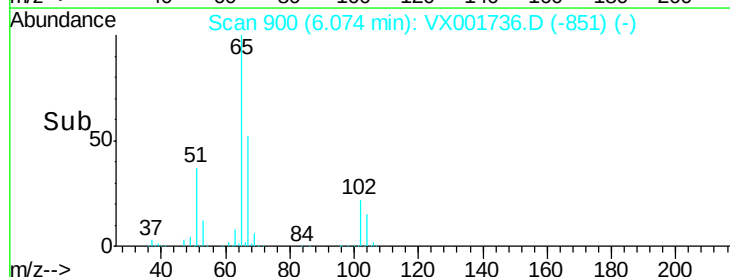
40000

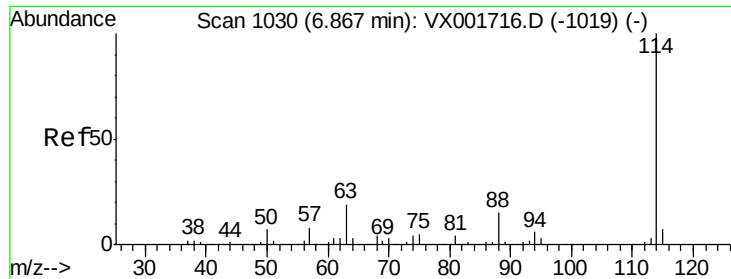
20000

0

Time-->

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: VX001736.D

Acq: 15 May 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBL02

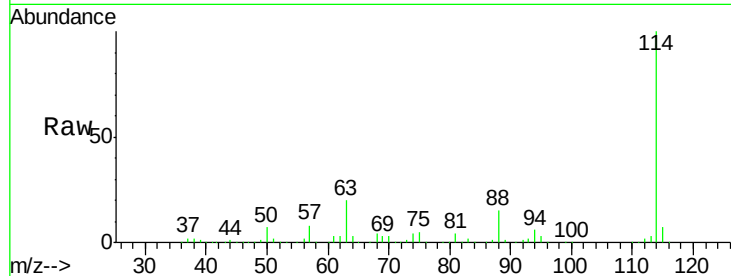
Tot Ion:114 Resp: 401612

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

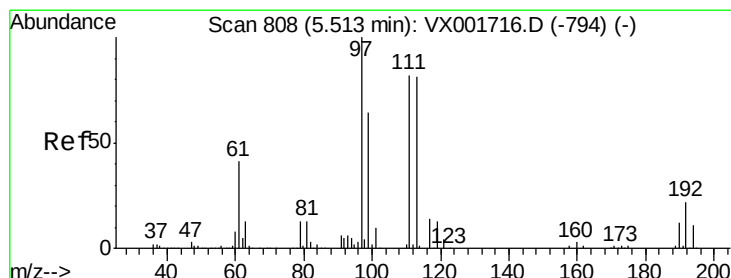
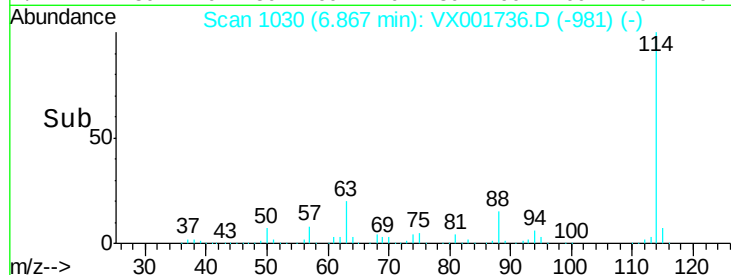
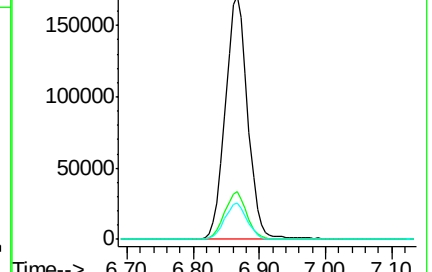
88 14.8 0.0 29.8



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: 49.99 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001736.D

Acq: 15 May 2018 10:59

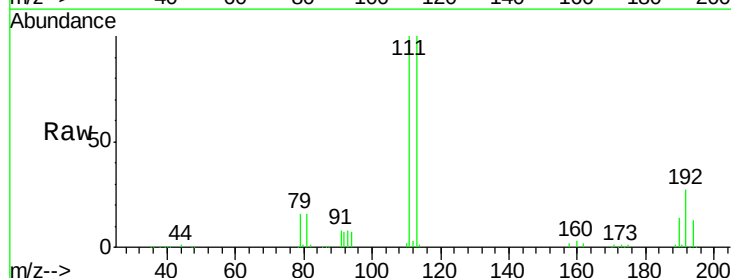
Tgt Ion:113 Resp: 169428

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

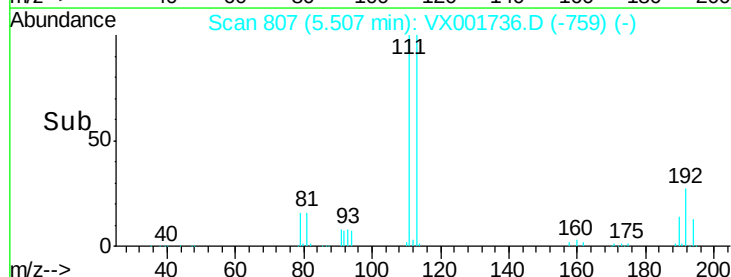
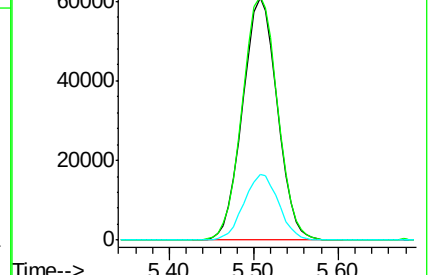
192 27.0 21.6 32.4

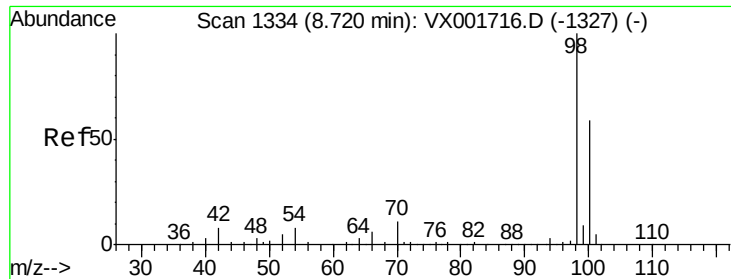


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

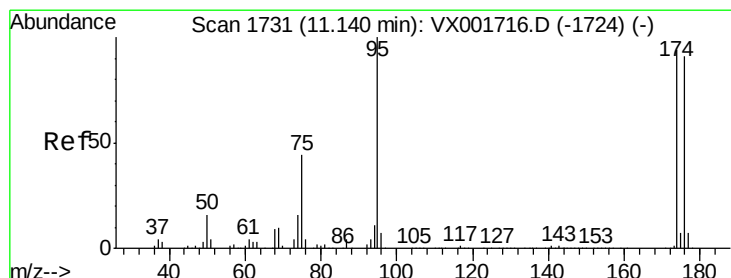
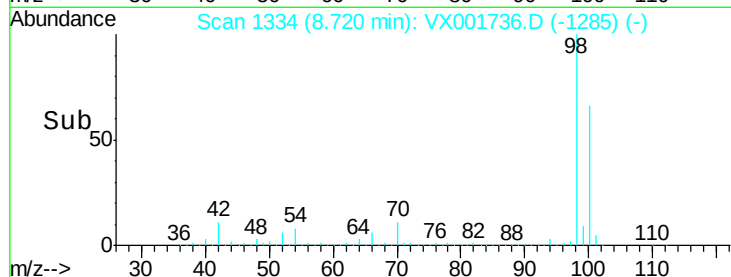
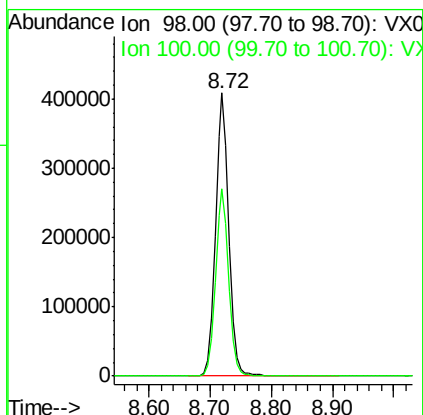
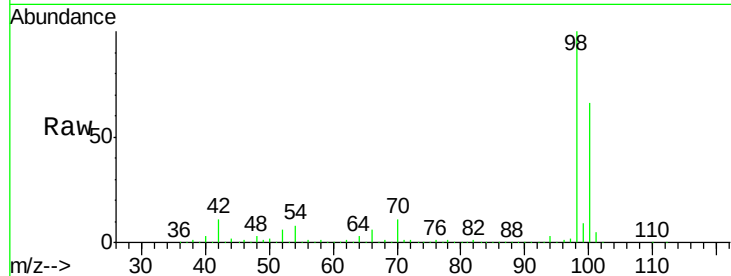




#50
Toluene-d8
Concen: 52.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001736.D
Acq: 15 May 2018 10:59

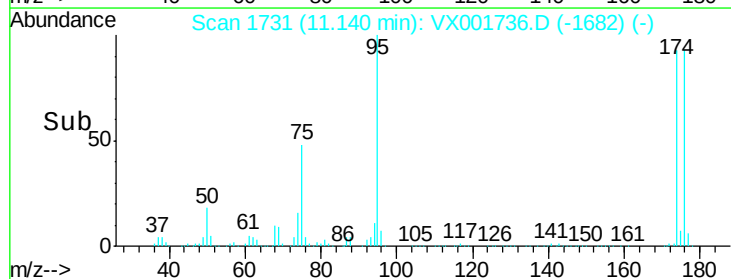
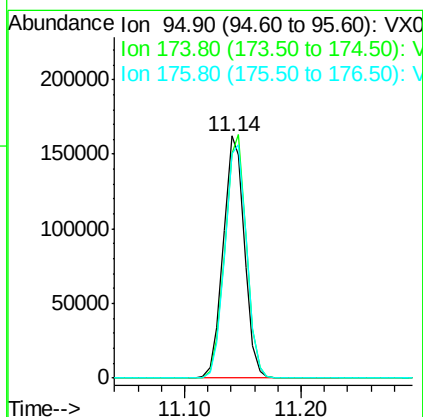
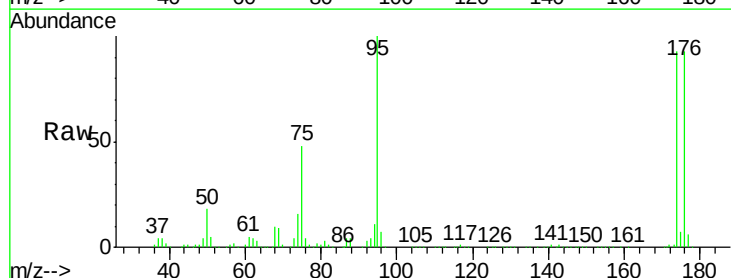
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL02

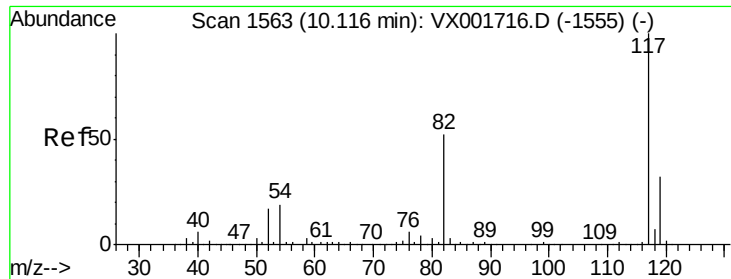
Tot Ion: 98 Resp: 632622
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 46.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001736.D
Acq: 15 May 2018 10:59

Tgt Ion: 95 Resp: 203728
Ion Ratio Lower Upper
95 100
174 101.6 0.0 201.8
176 99.4 0.0 196.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001736.D

Acq: 15 May 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBL02

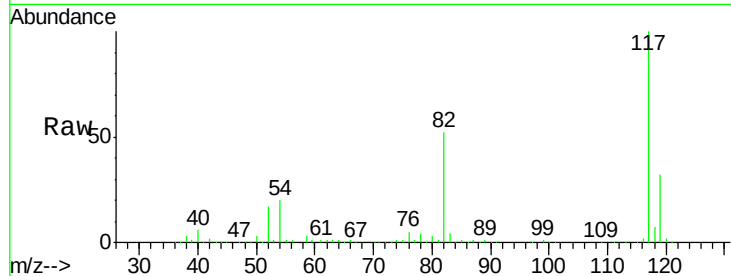
Tot Ion:117 Resp: 345528

Ion Ratio Lower Upper

117 100

82 51.6 41.4 62.2

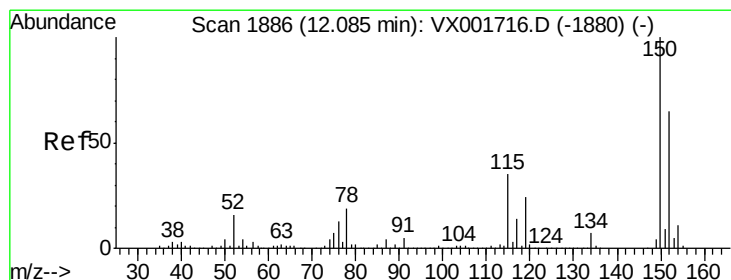
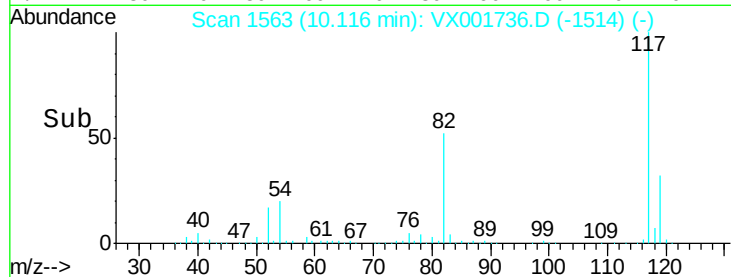
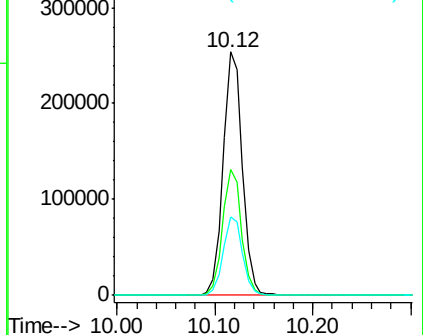
119 32.3 25.6 38.4



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001736.D

Acq: 15 May 2018 10:59

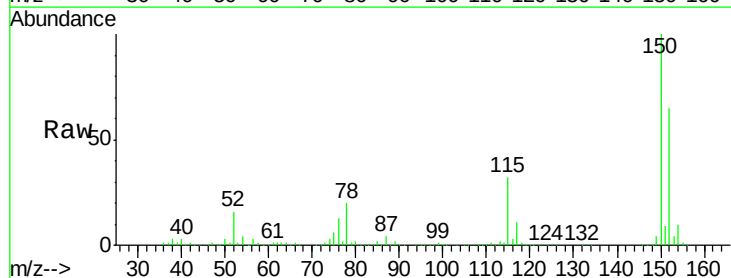
Tgt Ion:152 Resp: 198209

Ion Ratio Lower Upper

152 100

115 52.0 37.4 112.2

150 156.4 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

