

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002657.D
 Acq On : 16 Jun 2018 19:52
 Operator : JC/MD
 Sample : J3467-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04-061118

Quant Time: Jun 18 11:14:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	143661	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	142377	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
35) Dibromofluoromethane	5.51	113	110116	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
50) Toluene-d8	8.72	98	429507	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.14	95	141715	40.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.60%	

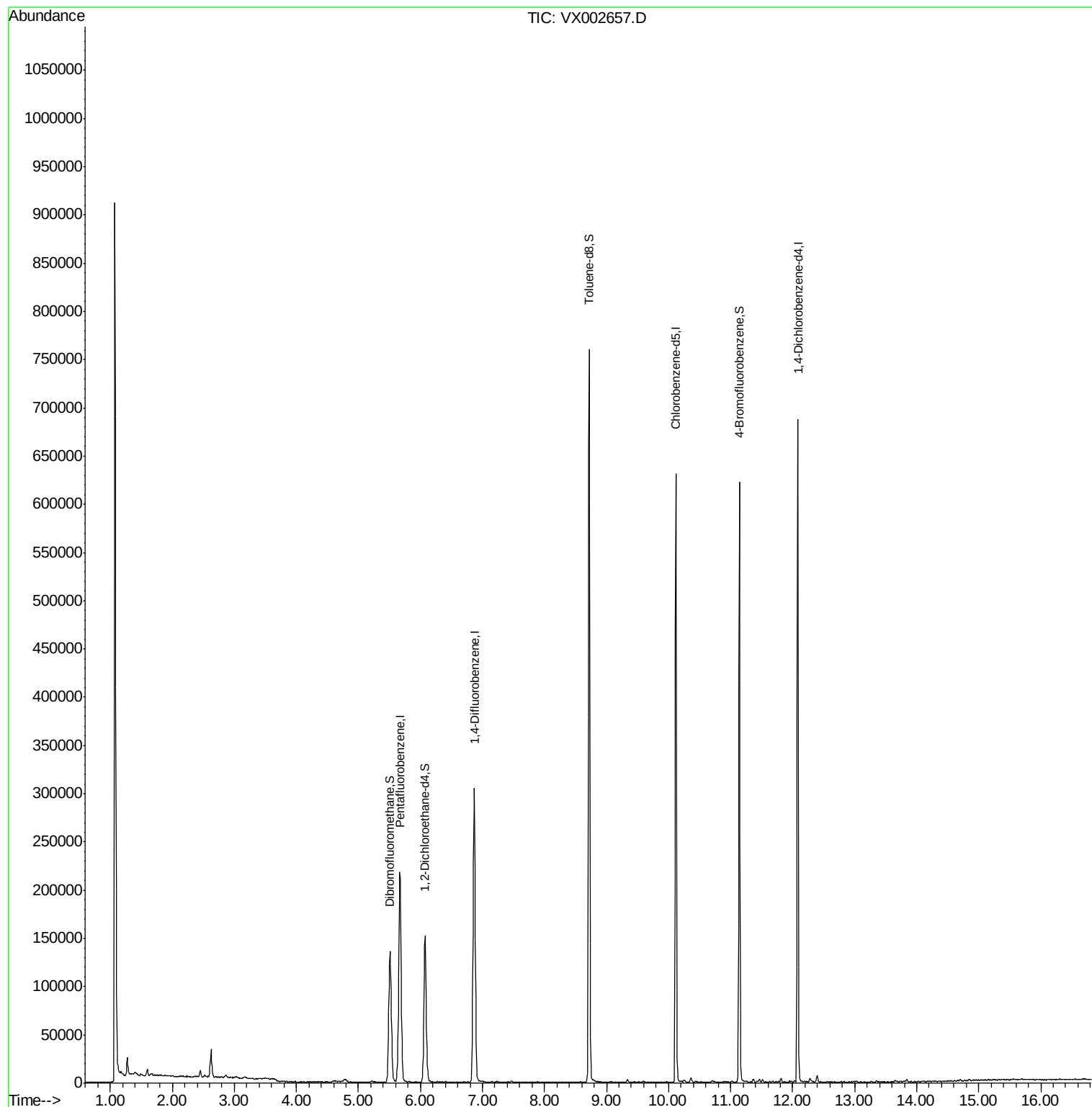
Target Compounds	Qvalue
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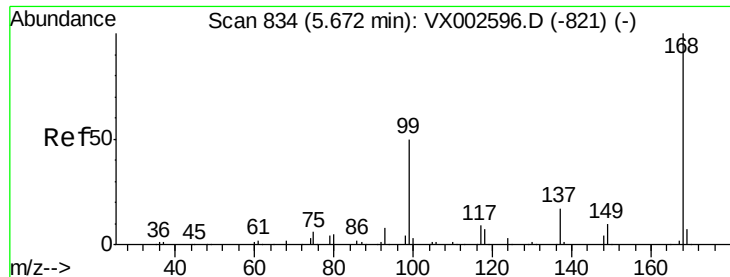
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002657.D

Acq: 16 Jun 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

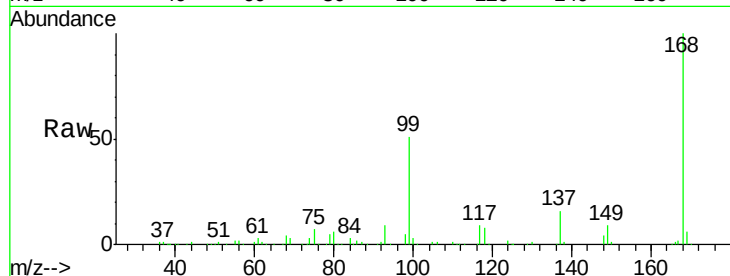
PR-MW-04-061118

Tot Ion:168 Resp: 212011

Ion Ratio Lower Upper

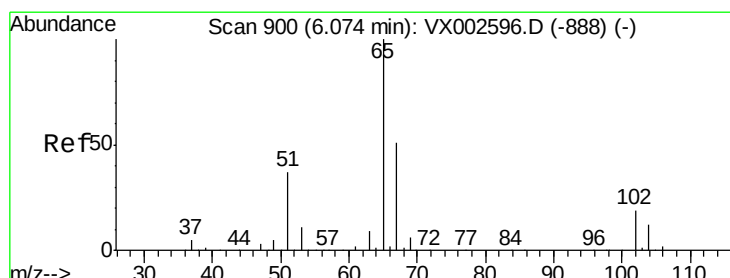
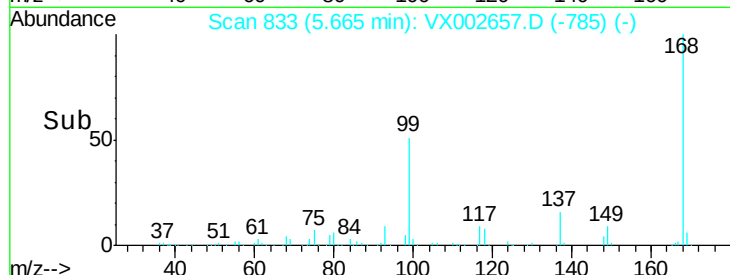
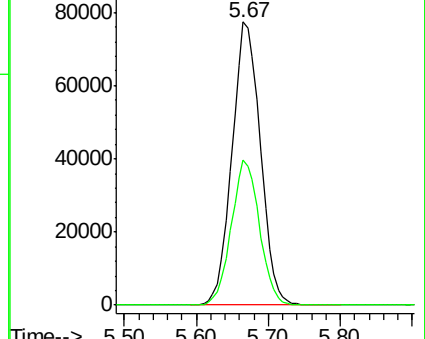
168 100

99 51.4 39.3 58.9



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: 44.192 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002657.D

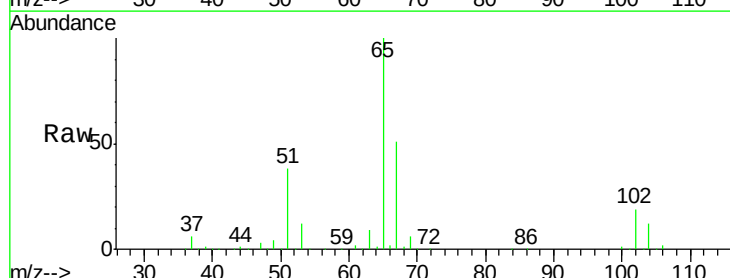
Acq: 16 Jun 2018 19:52

Tgt Ion: 65 Resp: 142377

Ion Ratio Lower Upper

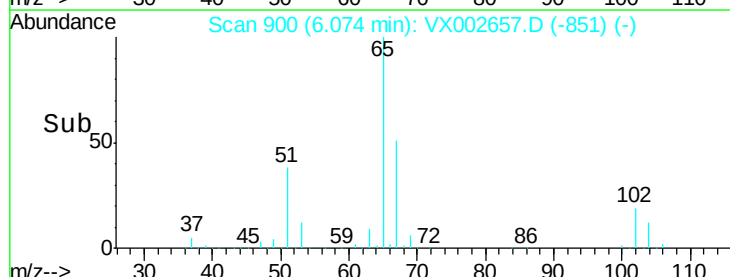
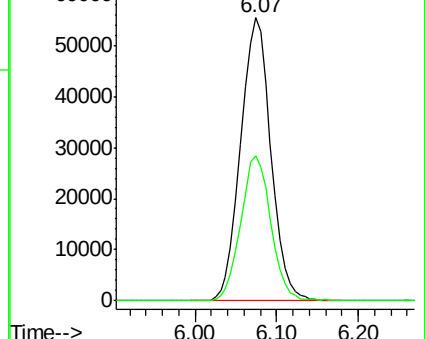
65 100

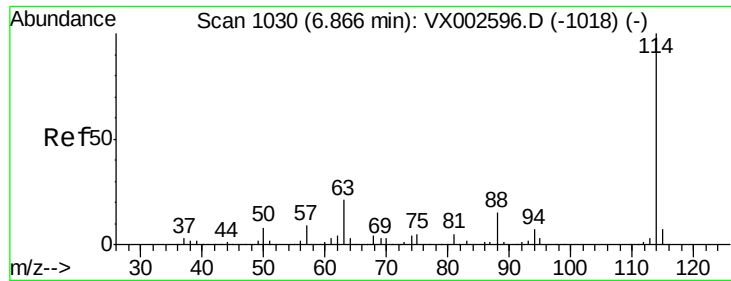
67 51.1 0.0 102.6



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: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002657.D

Acq: 16 Jun 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04-061118

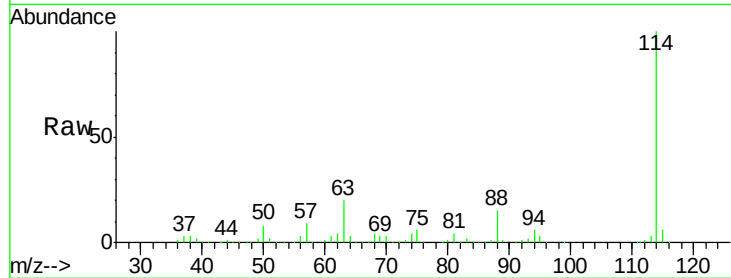
Tot Ion:114 Resp: 302510

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

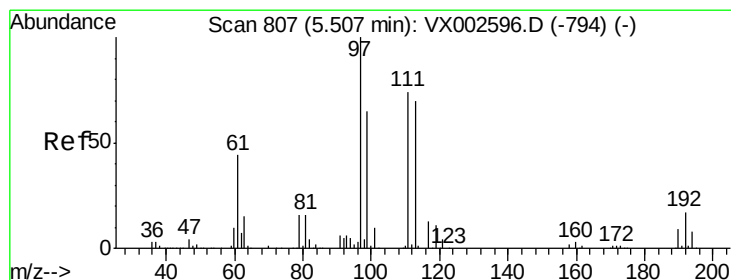
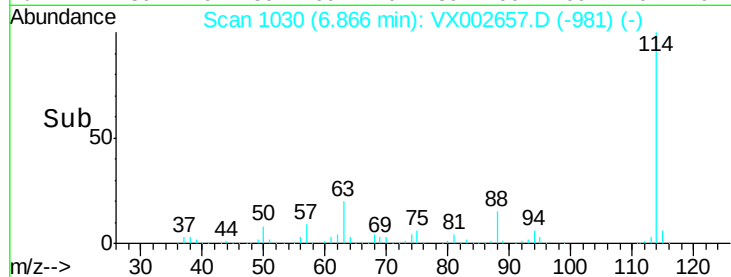
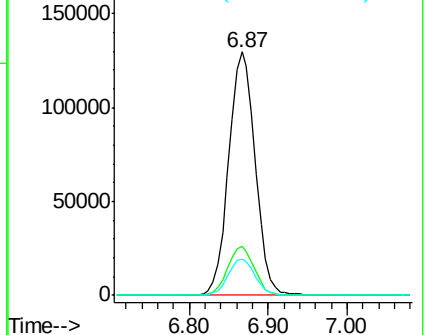
88 14.9 0.0 30.0



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: 45.609 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002657.D

Acq: 16 Jun 2018 19:52

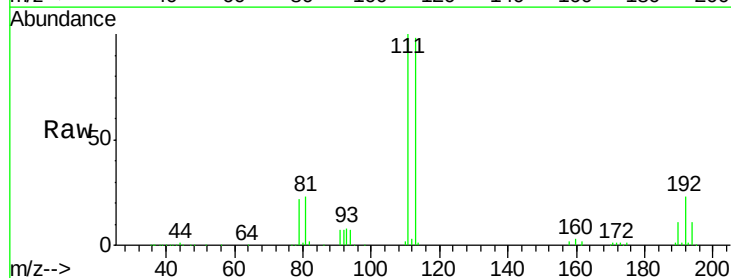
Tgt Ion:113 Resp: 110116

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

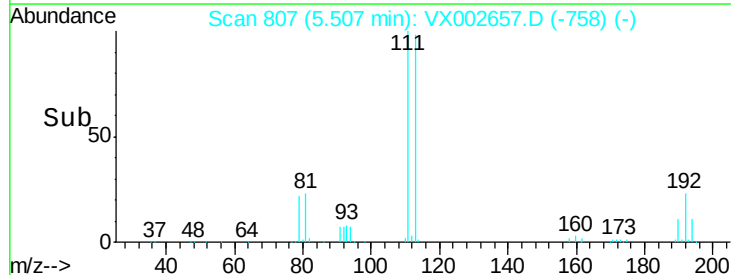
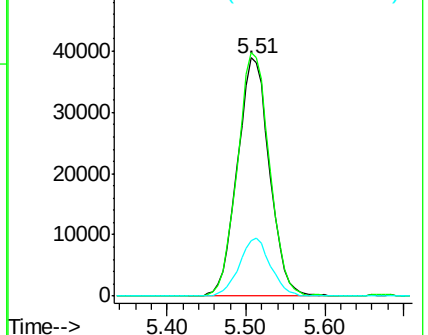
192 23.7 19.1 28.7

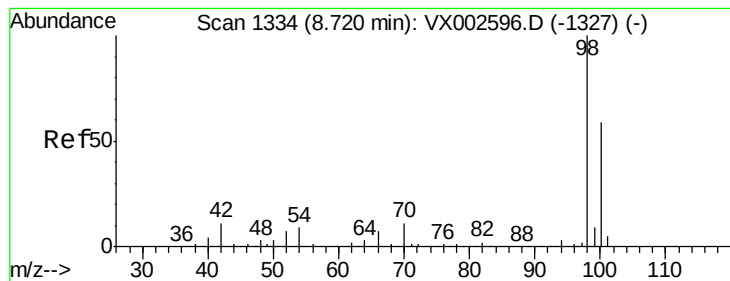


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.853 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002657.D

Acq: 16 Jun 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

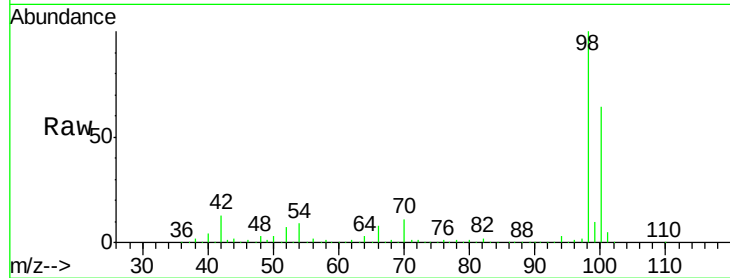
PR-MW-04-061118

Tot Ion: 98 Resp: 429507

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

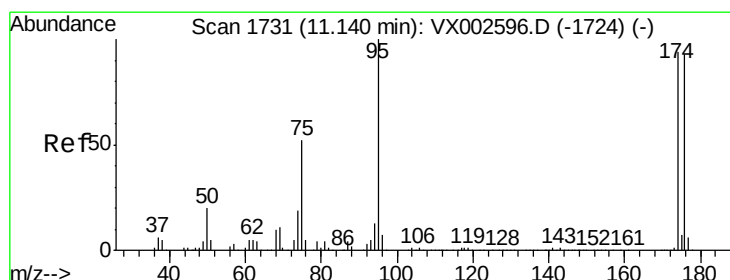
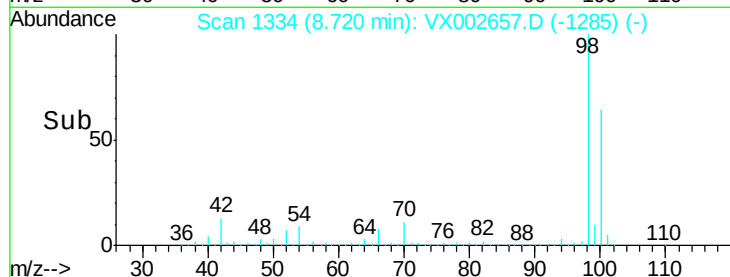
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 40.796 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002657.D

Acq: 16 Jun 2018 19:52

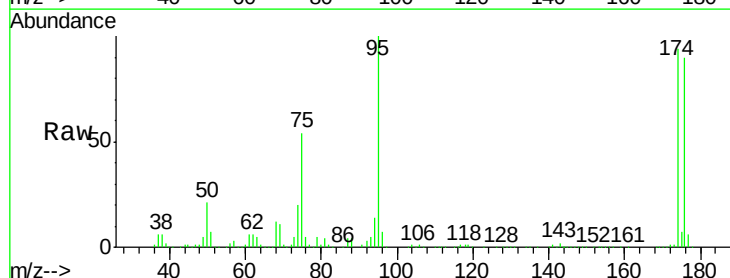
Tgt Ion: 95 Resp: 141715

Ion Ratio Lower Upper

95 100

174 97.2 0.0 187.4

176 93.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

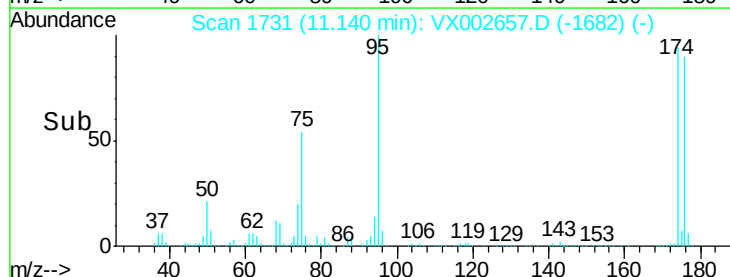
150000

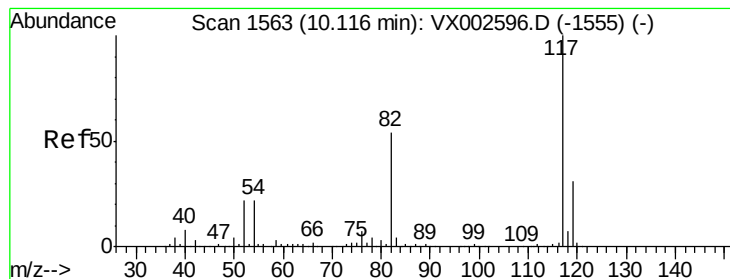
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002657.D

Acq: 16 Jun 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04-061118

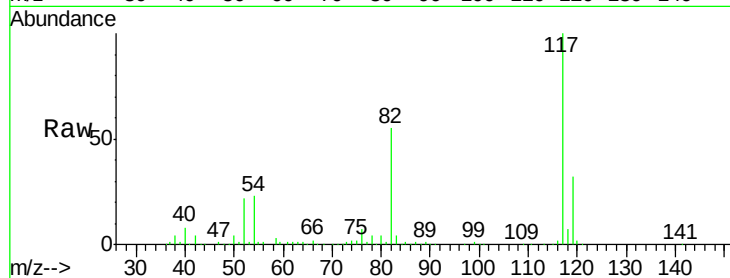
Tot Ion:117 Resp: 273228

Ion Ratio Lower Upper

117 100

82 54.9 45.0 67.4

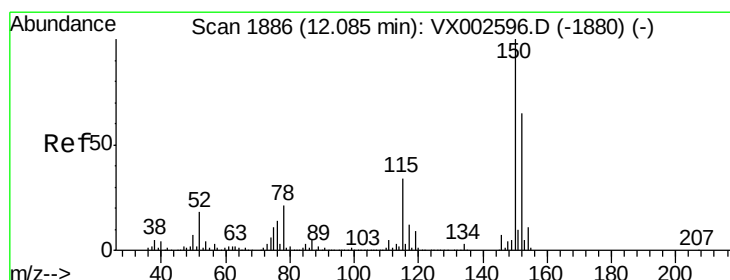
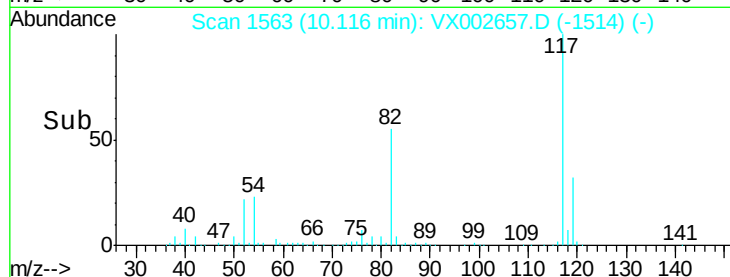
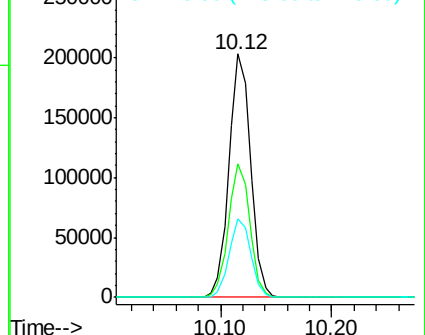
119 32.4 25.8 38.6



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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002657.D

Acq: 16 Jun 2018 19:52

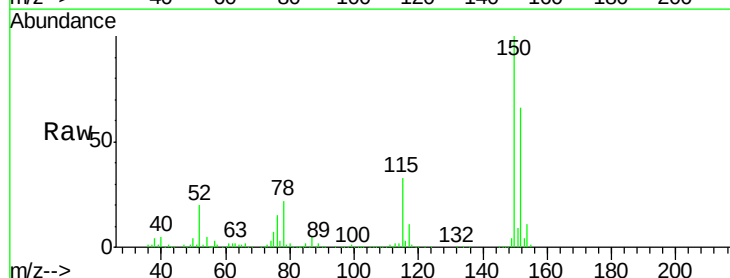
Tgt Ion:152 Resp: 143661

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

150 156.3 0.0 347.2



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

