

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006462.D
 Acq On : 12 Dec 2018 23:45
 Operator : JC/MD
 Sample : VX1212WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBL02

Quant Time: Dec 13 07:17:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	683781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1067382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	975956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	467612	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	356829	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	5.50	113	318500	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	8.71	98	1244519	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	462165	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

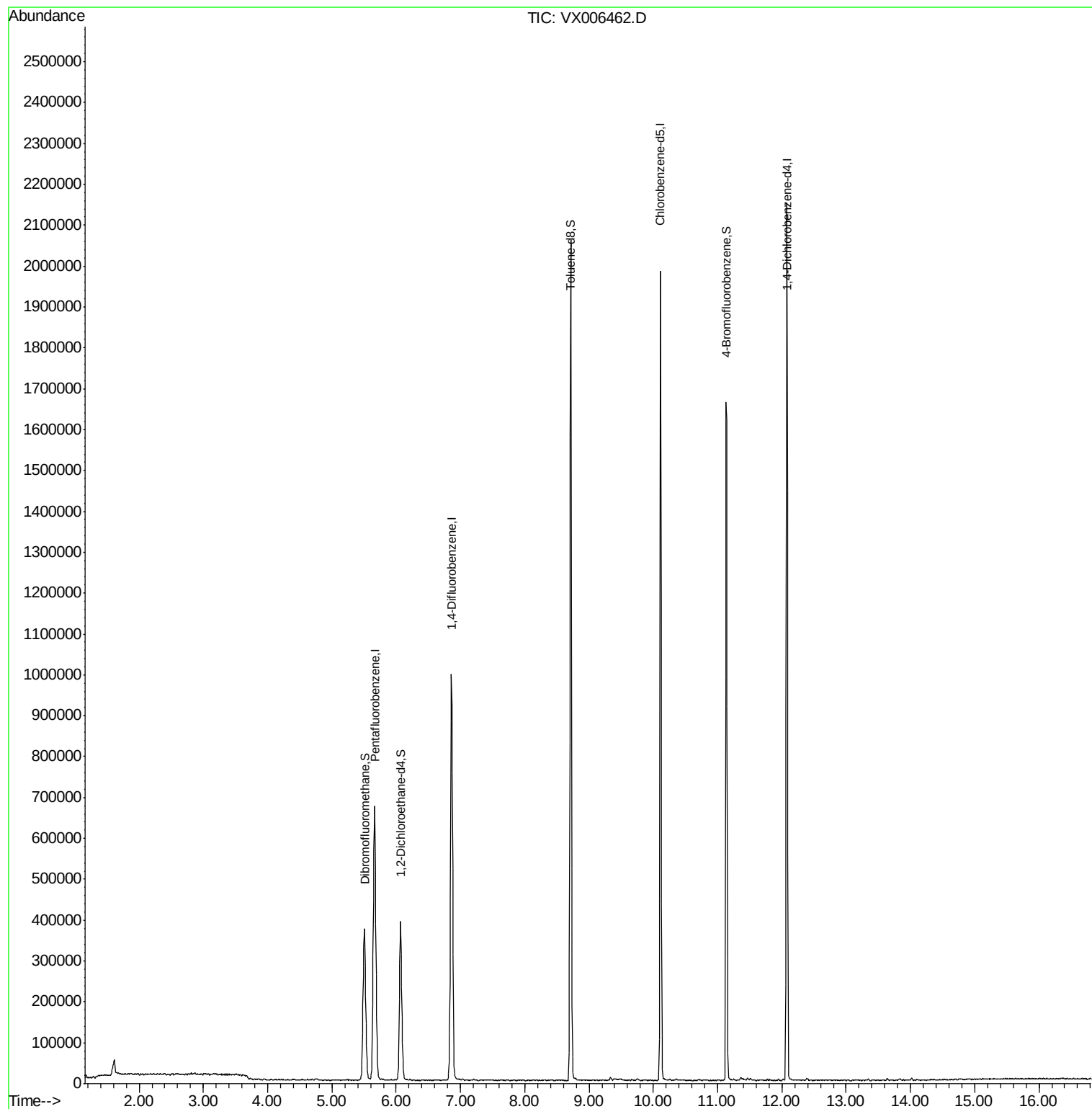
Target Compounds	Qvalue

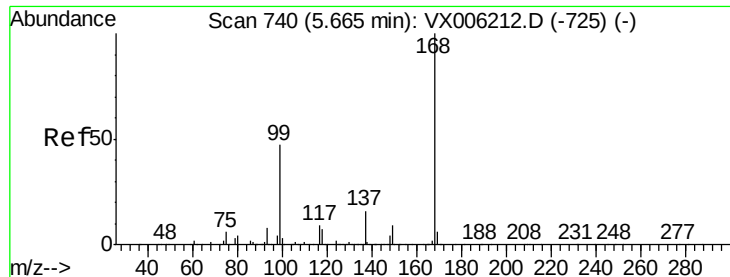
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006462.D

Acq: 12 Dec 2018 23:45

Instrument :

MSVOA_X

ClientSampled :

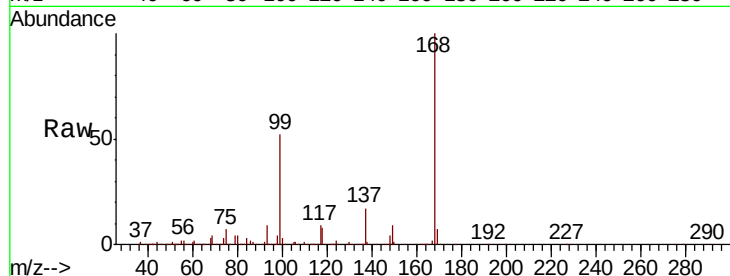
VX1212WBL02

Tot Ion:168 Resp: 683781

Ion Ratio Lower Upper

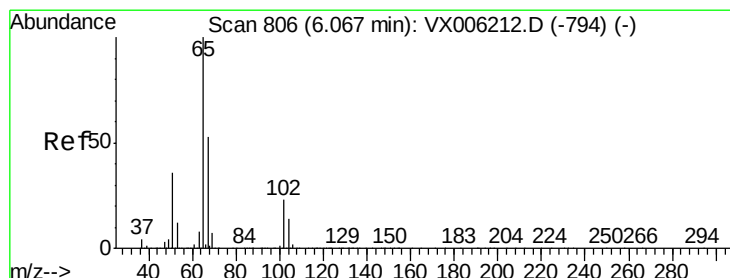
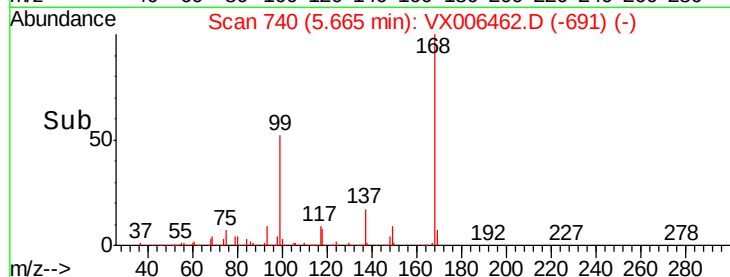
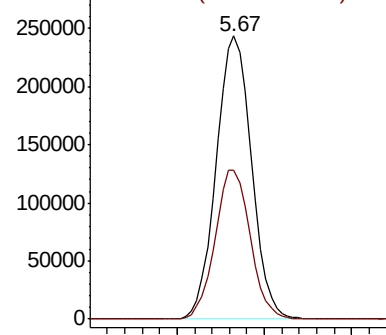
168 100

99 52.3 37.8 56.8



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: 51.119 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006462.D

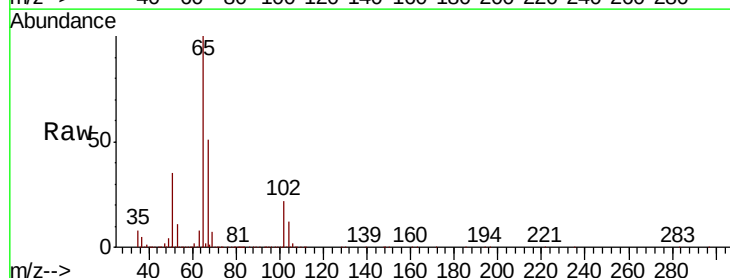
Acq: 12 Dec 2018 23:45

Tgt Ion: 65 Resp: 356829

Ion Ratio Lower Upper

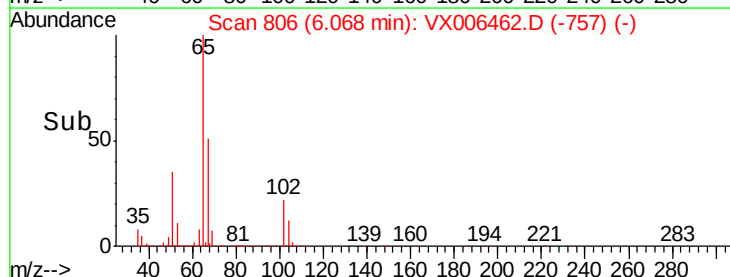
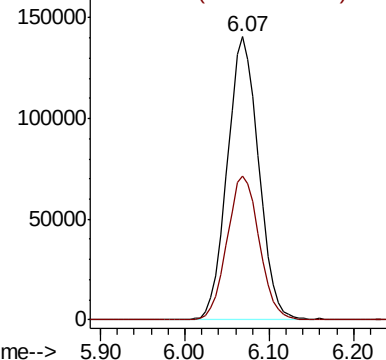
65 100

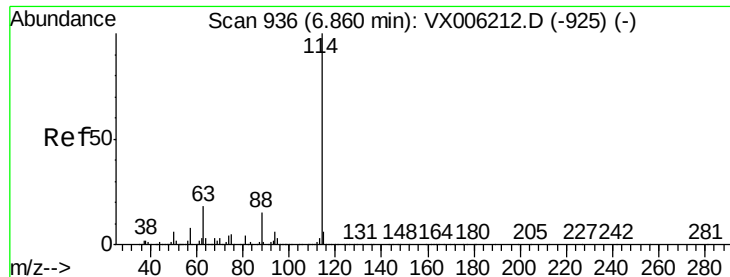
67 52.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

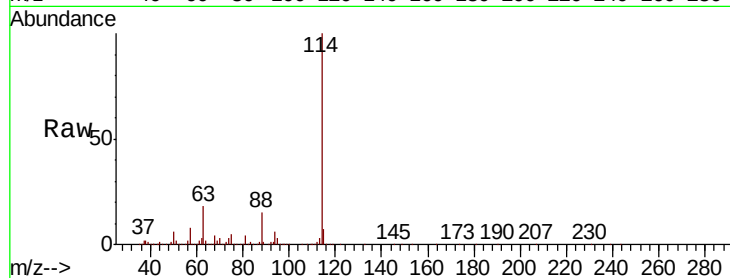




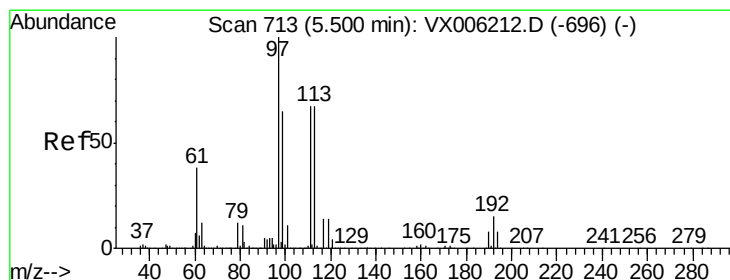
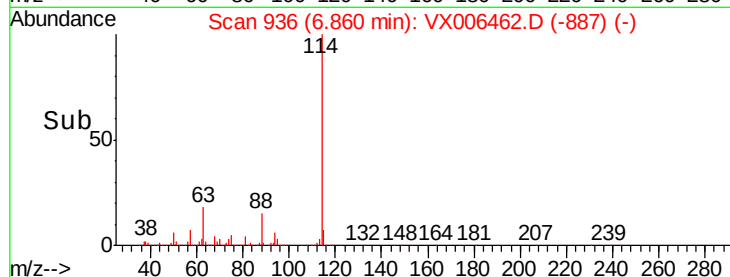
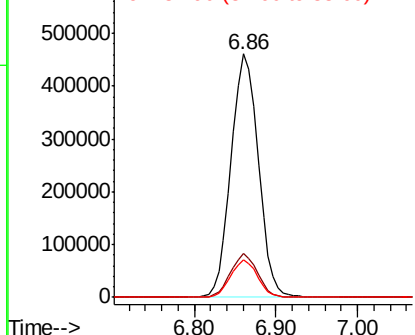
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006462.D
 Acq: 12 Dec 2018 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBL02

Tot Ion:114 Resp: 1067382
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.6
 88 15.4 0.0 29.0

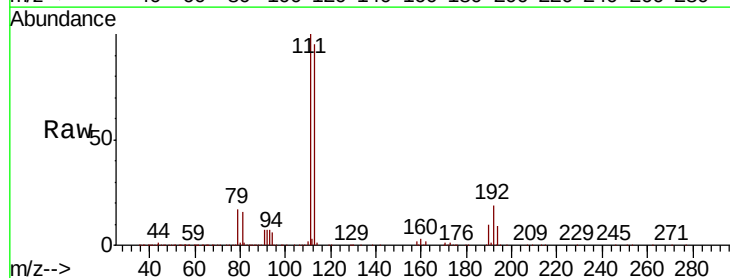


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

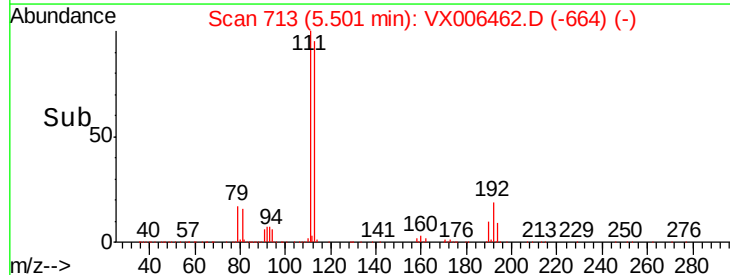
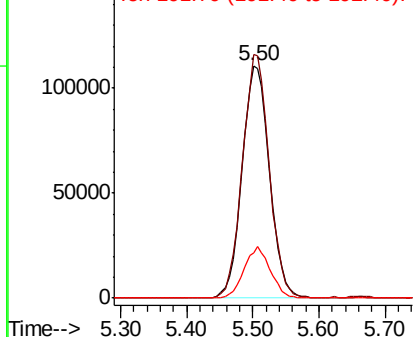


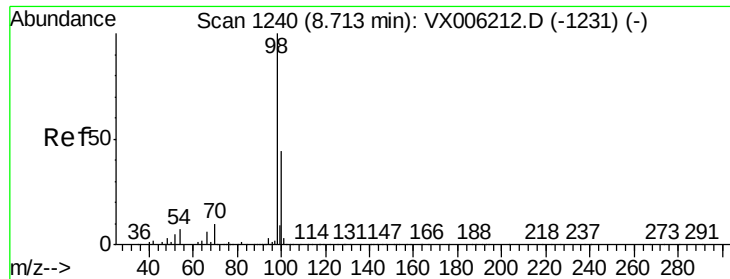
#35
 Dibromofluoromethane
 Concen: 46.087 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006462.D
 Acq: 12 Dec 2018 23:45

Tgt Ion:113 Resp: 318500
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 21.3 18.2 27.2



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: 49.508 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

Instrument :

MSVOA_X

ClientSampleId :

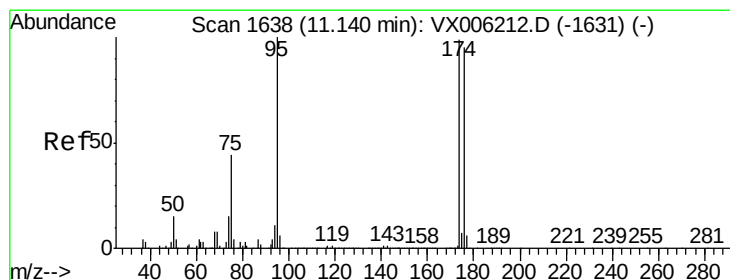
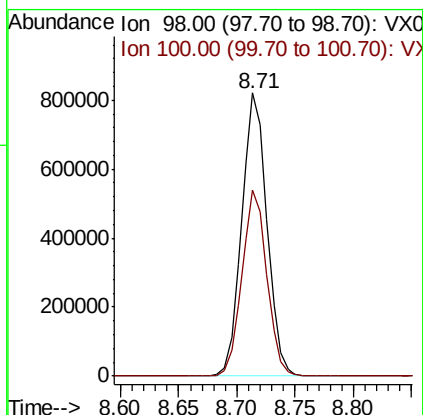
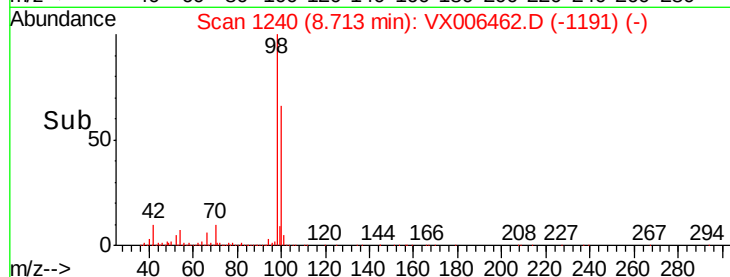
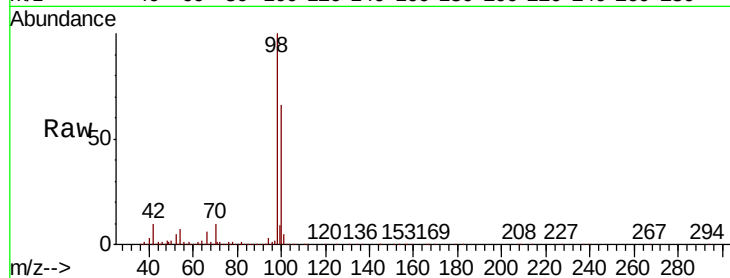
VX1212WBL02

Tot Ion: 98 Resp: 1244519

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.789 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

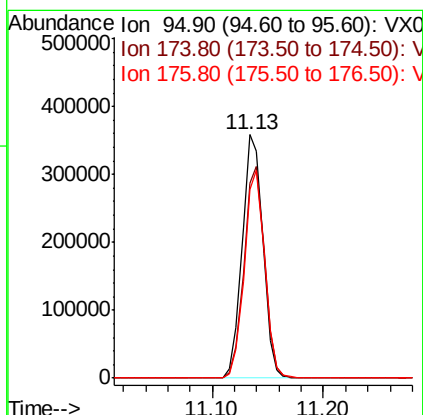
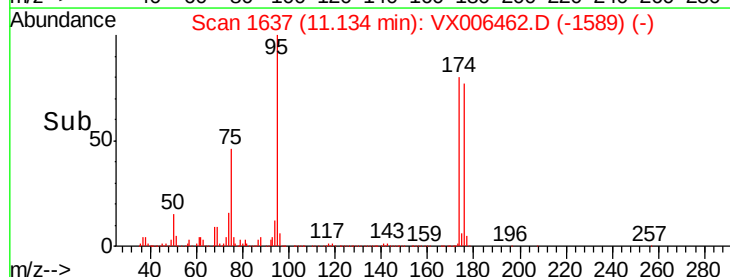
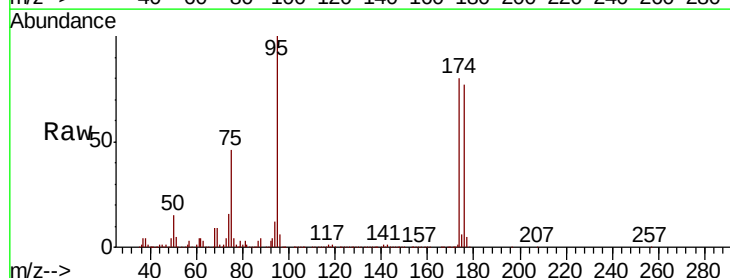
Tgt Ion: 95 Resp: 462165

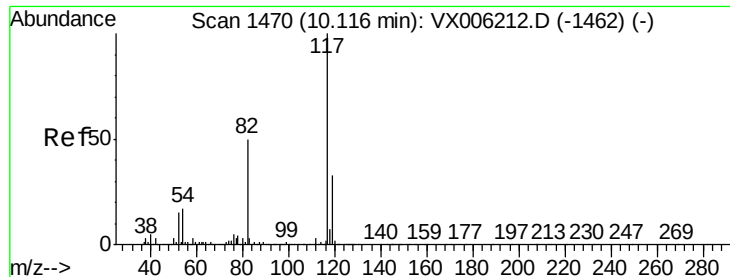
Ion Ratio Lower Upper

95 100

174 86.5 0.0 187.0

176 83.8 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL02

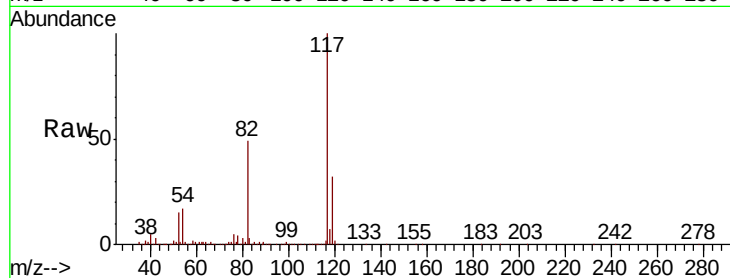
Tot Ion:117 Resp: 975956

Ion Ratio Lower Upper

117 100

82 49.0 39.6 59.4

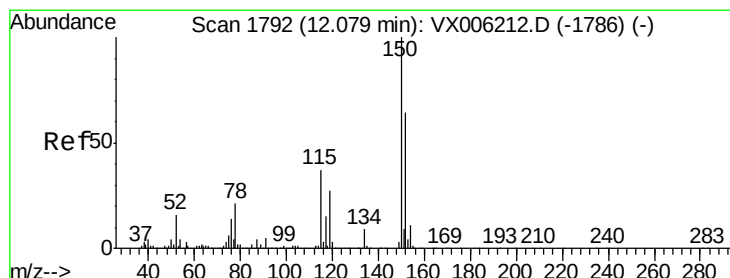
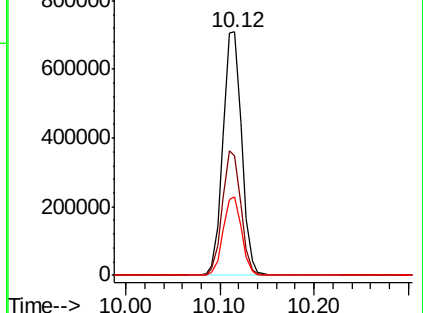
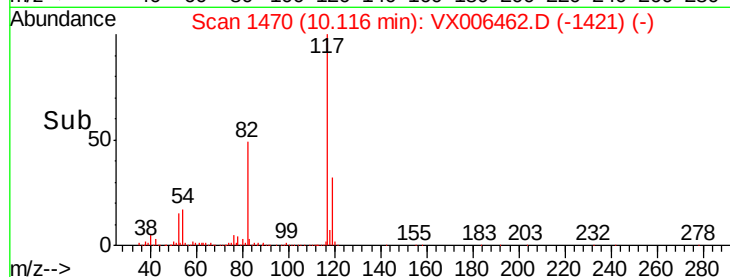
119 32.1 26.3 39.5



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

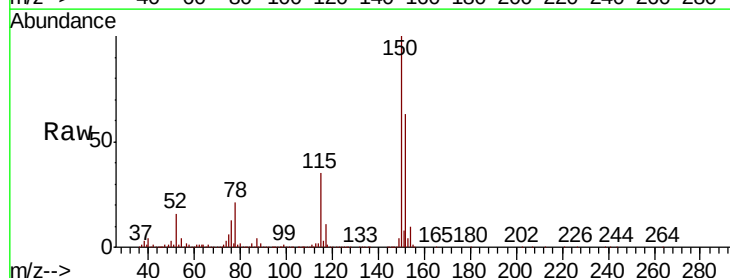
Tgt Ion:152 Resp: 467612

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

150 156.3 0.0 345.8



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

