

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001725.D
 Acq On : 14 May 2018 22:43
 Operator : JC/MD
 Sample : J2833-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: May 16 10:42:05 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	280190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171984	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
35) Dibromofluoromethane	5.51	113	140288	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
50) Toluene-d8	8.72	98	525371	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.14	95	174000	42.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.76%	

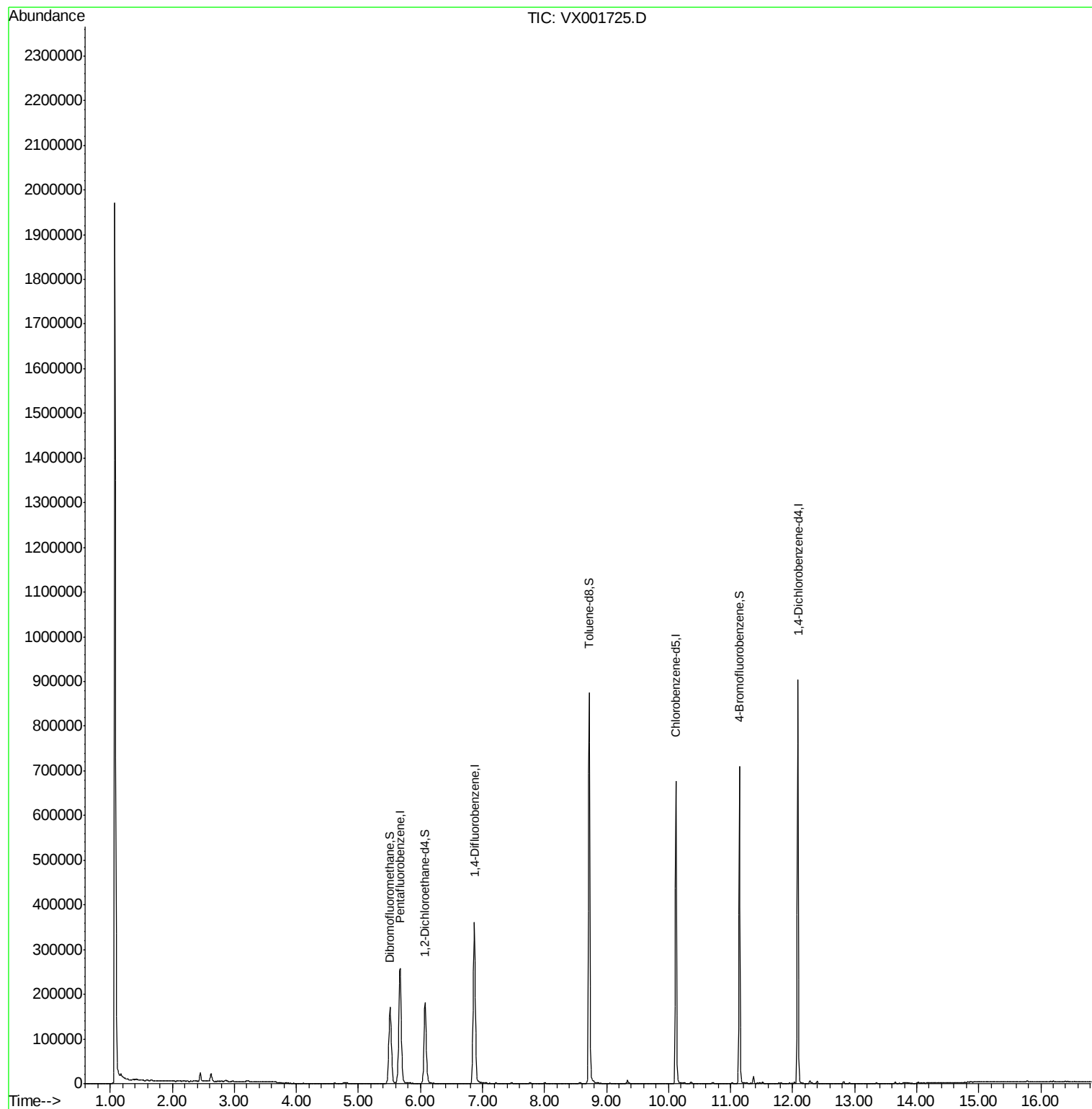
Target Compounds	Qvalue
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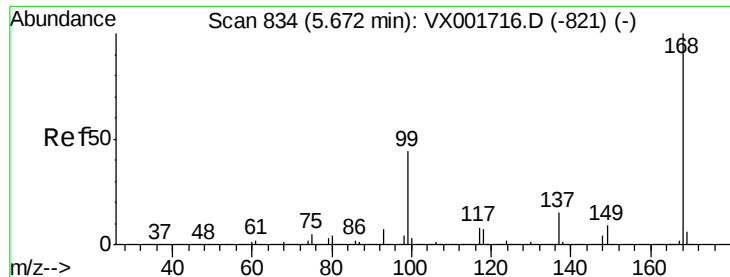
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001725.D

Acq: 14 May 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

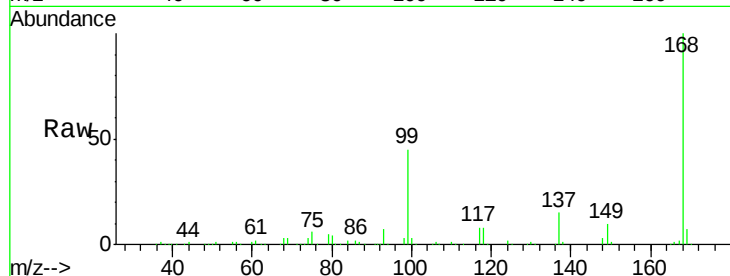
MW-3

Tot Ion:168 Resp: 280190

Ion Ratio Lower Upper

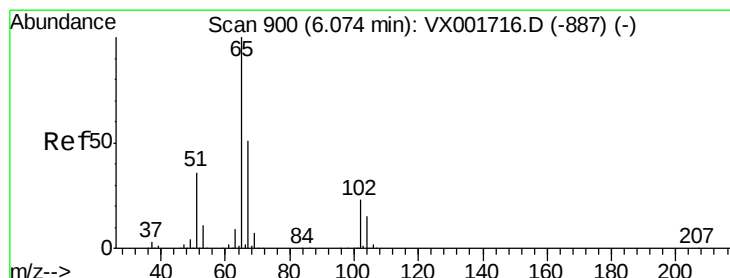
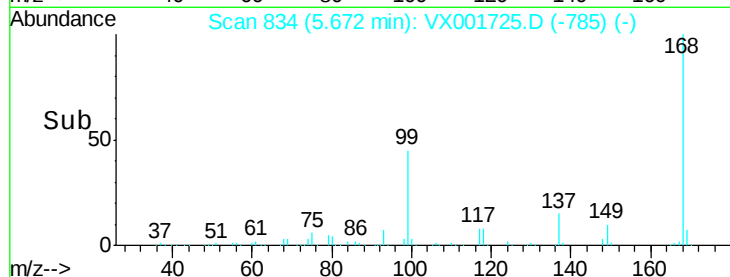
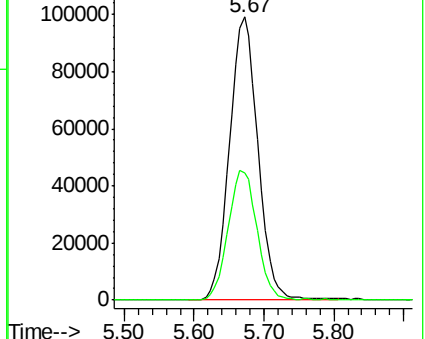
168 100

99 44.8 35.0 52.4



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: 45.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001725.D

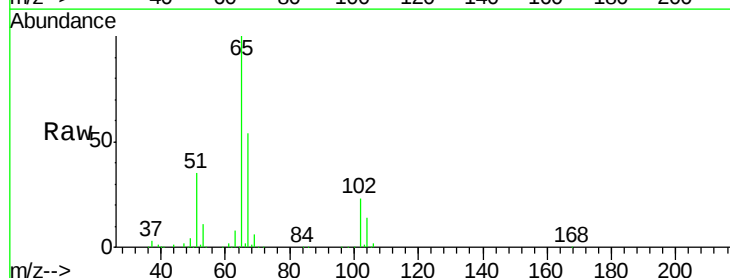
Acq: 14 May 2018 22:43

Tgt Ion: 65 Resp: 171984

Ion Ratio Lower Upper

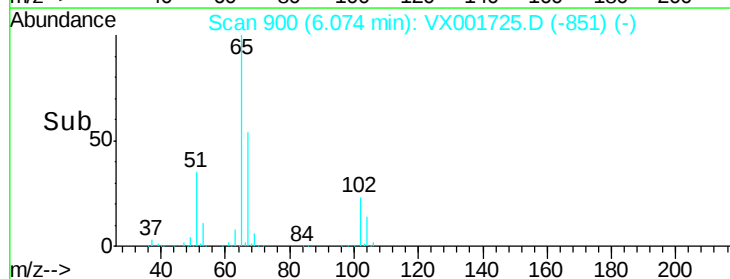
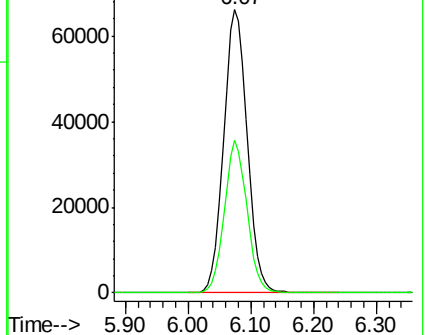
65 100

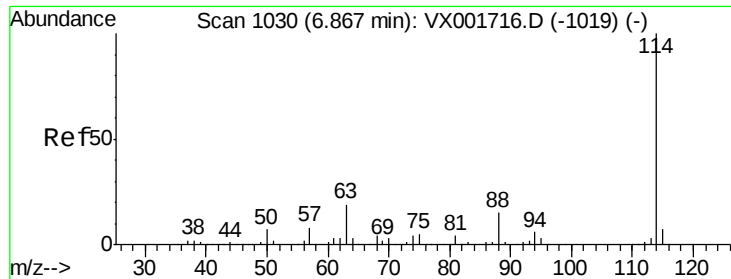
67 51.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001725.D

Acq: 14 May 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

MW-3

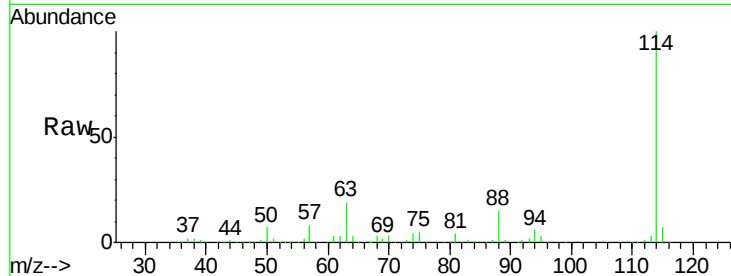
Tot Ion:114 Resp: 377241

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.0

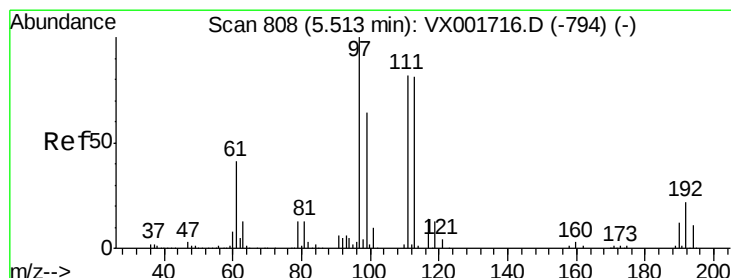
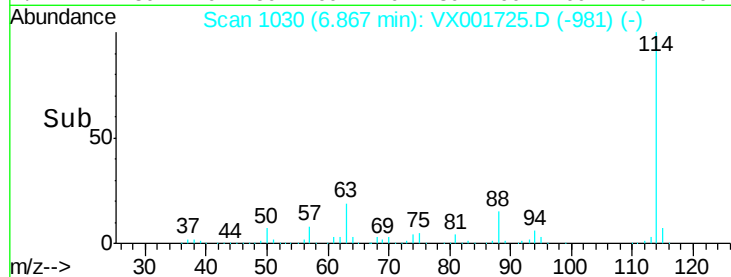
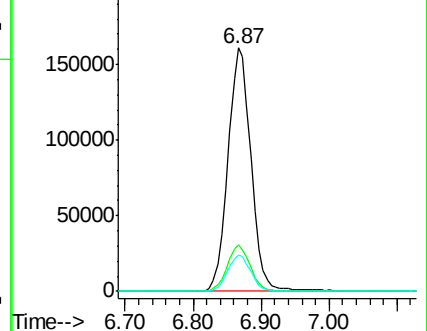
88 15.0 0.0 29.8



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: 44.07 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001725.D

Acq: 14 May 2018 22:43

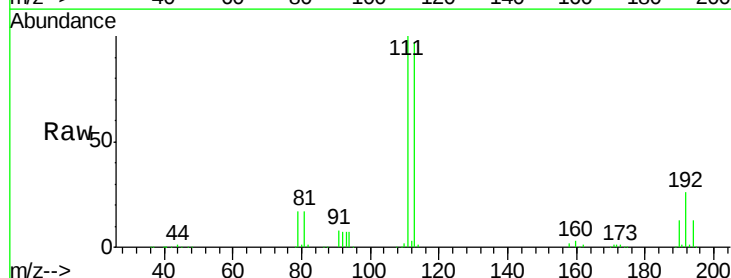
Tgt Ion:113 Resp: 140288

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

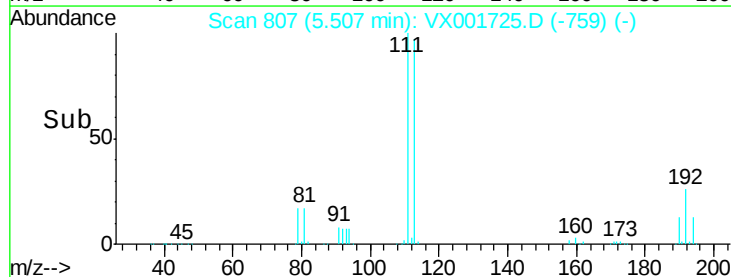
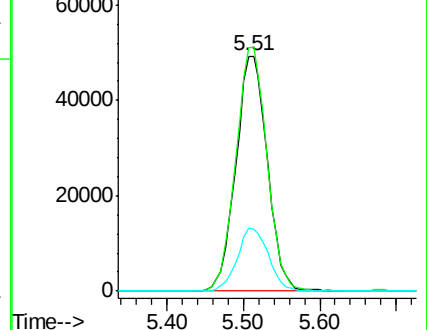
192 26.7 21.6 32.4

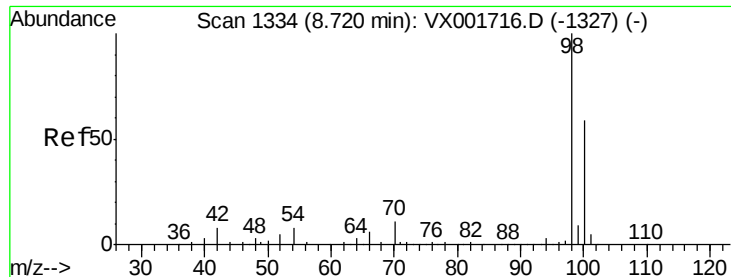


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001725.D

Acq: 14 May 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

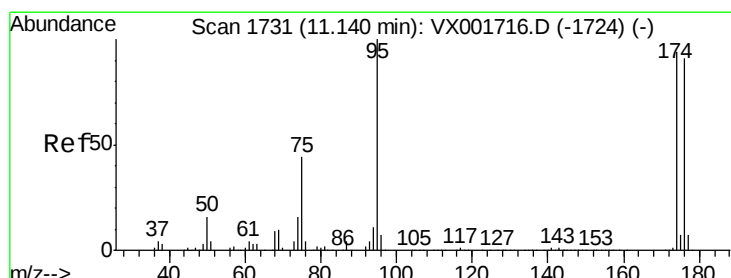
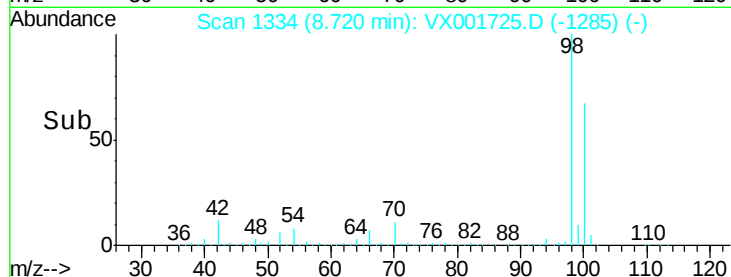
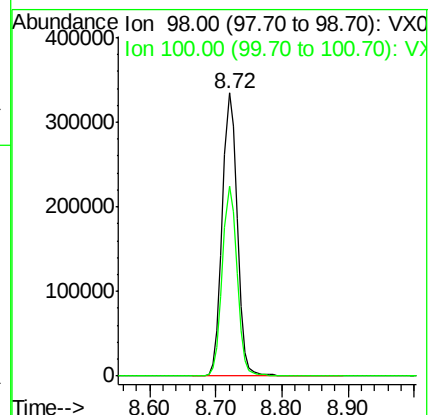
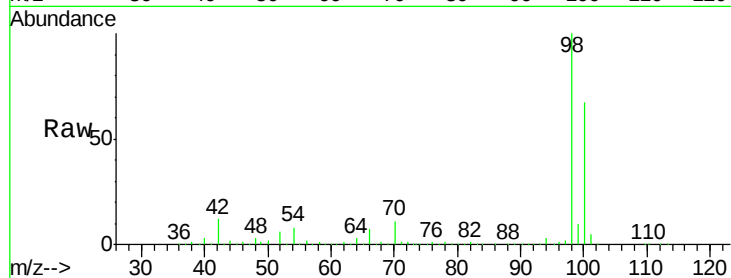
MW-3

Tot Ion: 98 Resp: 525371

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 42.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001725.D

Acq: 14 May 2018 22:43

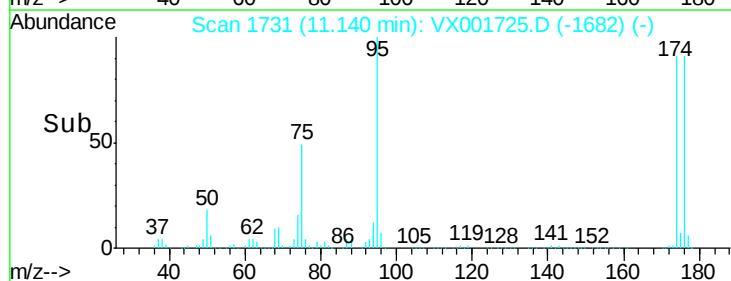
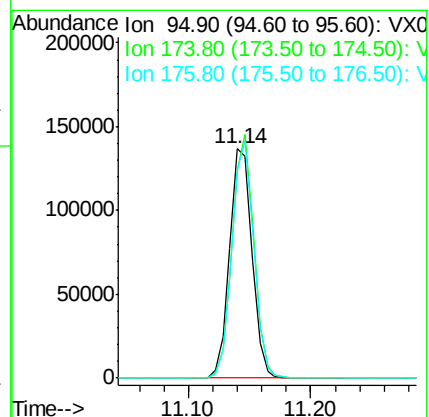
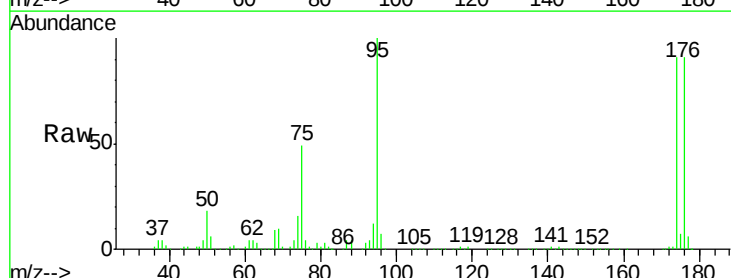
Tgt Ion: 95 Resp: 174000

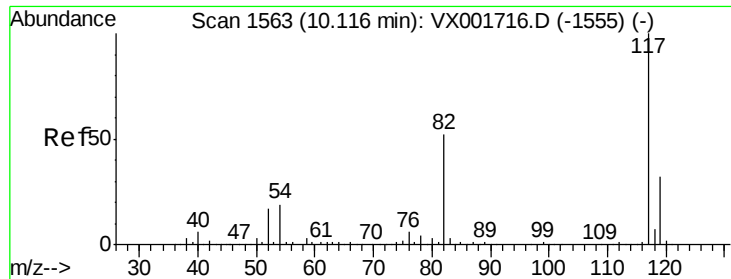
Ion Ratio Lower Upper

95 100

174 102.1 0.0 201.8

176 99.4 0.0 196.8

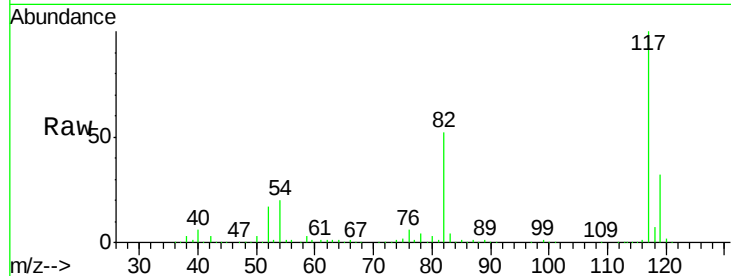




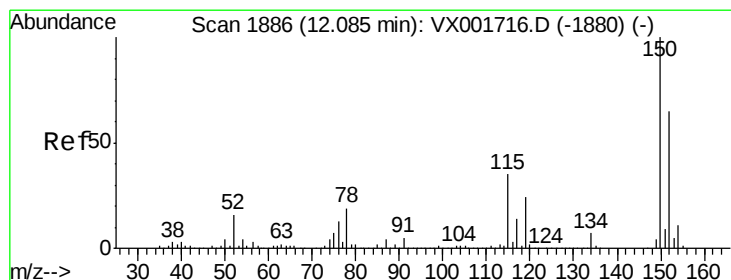
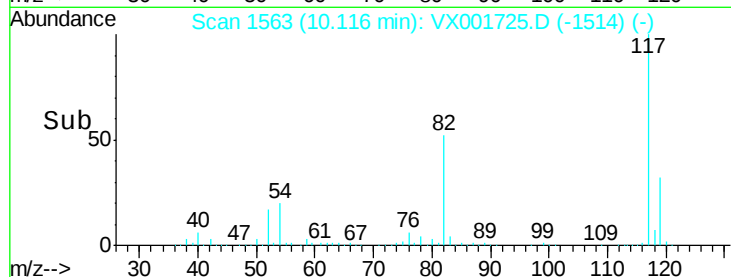
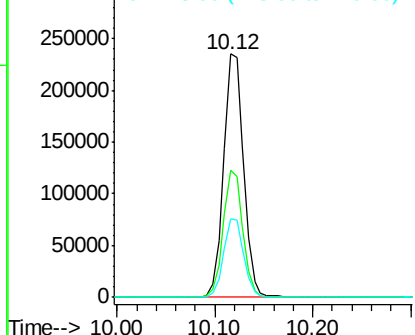
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001725.D
Acq: 14 May 2018 22:43

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion:117 Resp: 333982
Ion Ratio Lower Upper
117 100
82 52.2 41.4 62.2
119 32.1 25.6 38.4

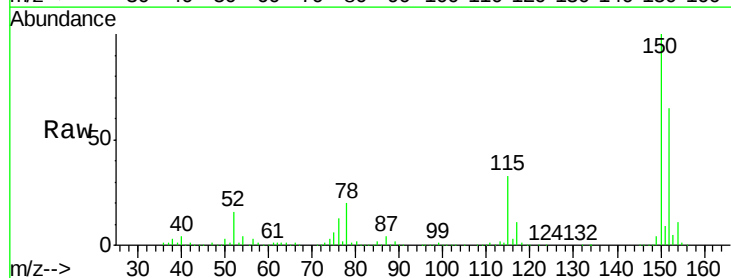


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001725.D
Acq: 14 May 2018 22:43

Tgt Ion:152 Resp: 199477
Ion Ratio Lower Upper
152 100
115 52.1 37.4 112.2
150 156.5 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

