

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003958.D
 Acq On : 09 Aug 2018 18:37
 Operator : JC/MD
 Sample : J4379-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104I

Quant Time: Aug 10 16:05:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	465423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	439367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237741	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	205424	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
35) Dibromofluoromethane	5.51	113	177635	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
50) Toluene-d8	8.72	98	650931	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.14	95	229472	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	

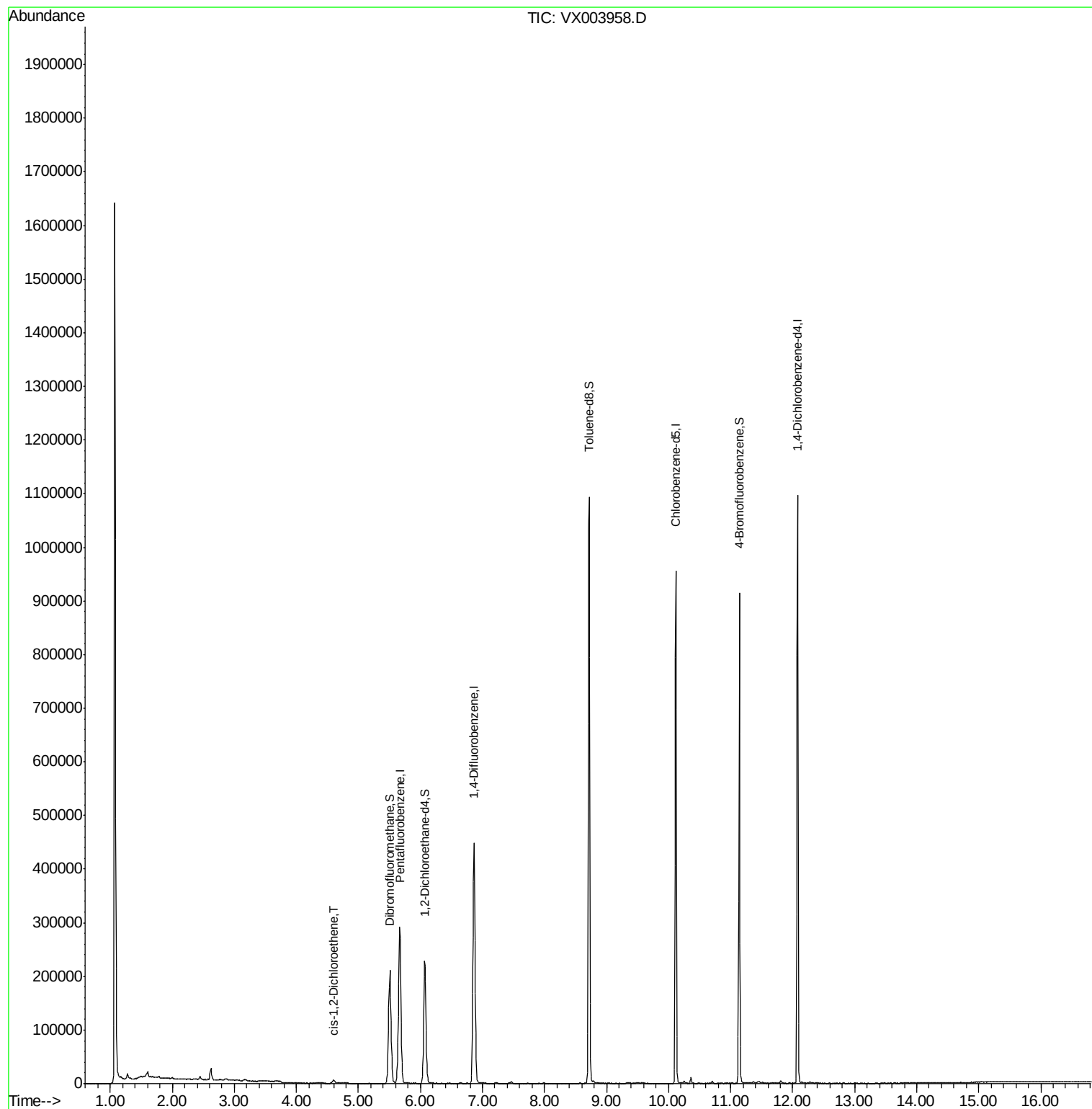
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.60	96	3577	0.92	ug/l	91

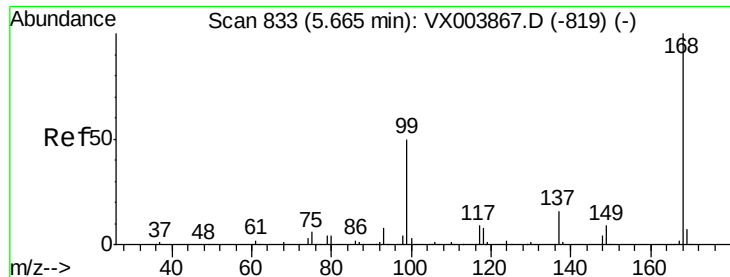
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003958.D

Acq: 09 Aug 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

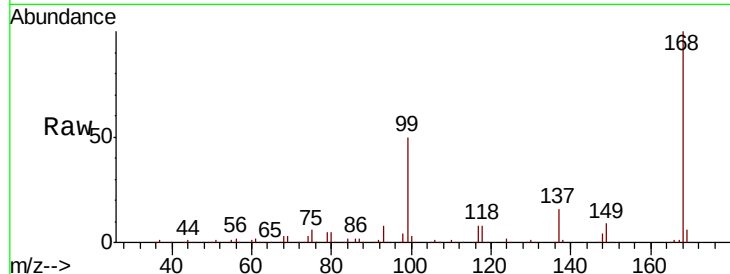
MW-104I

Tot Ion:168 Resp: 294828

Ion Ratio Lower Upper

168 100

99 50.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

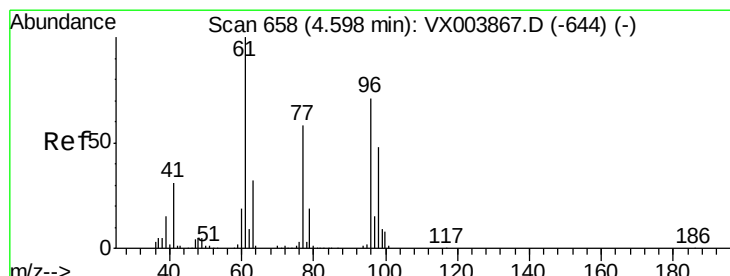
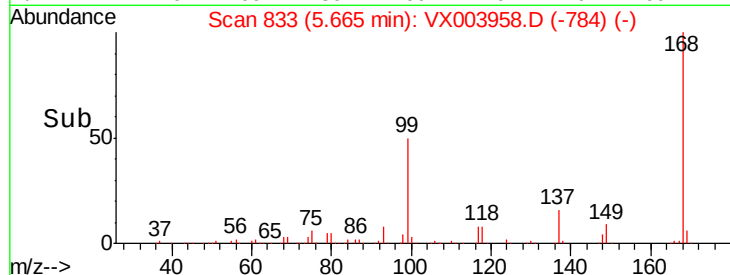
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#27

cis-1,2-Dichloroethene

Concen: 0.92 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003958.D

Acq: 09 Aug 2018 18:37

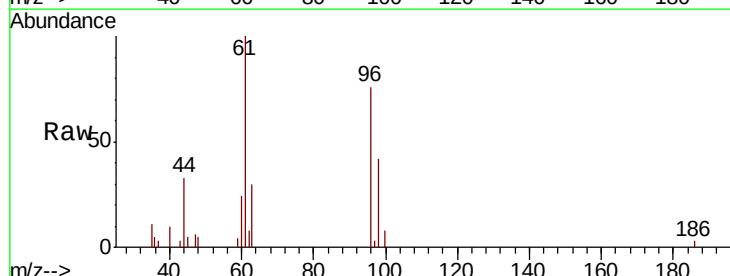
Tgt Ion: 96 Resp: 3577

Ion Ratio Lower Upper

96 100

61 161.3 0.0 293.0

98 63.5 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2500

2000

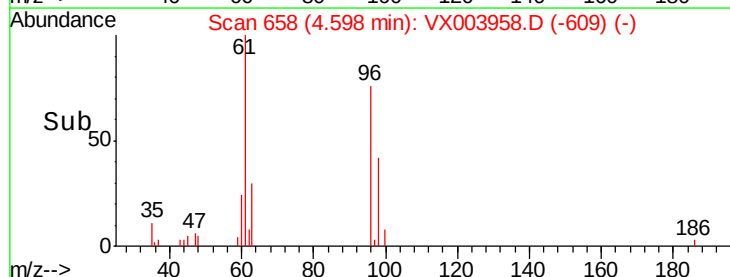
1500

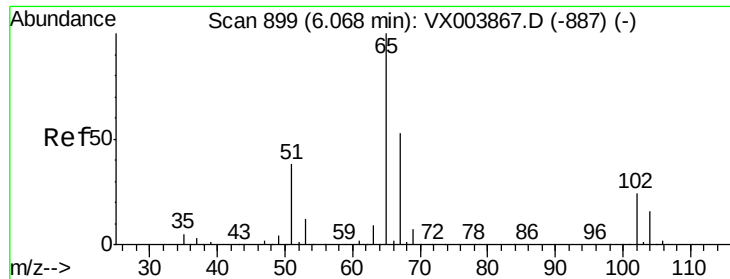
1000

500

0

Time--> 4.50 4.55 4.60 4.65

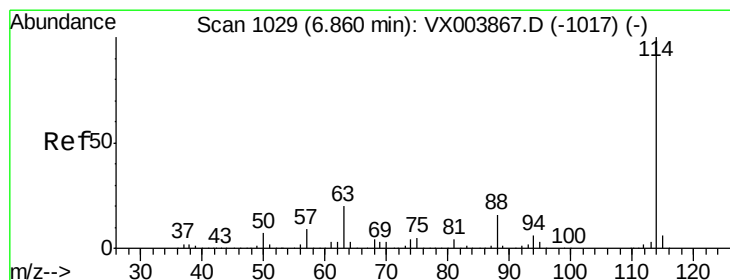
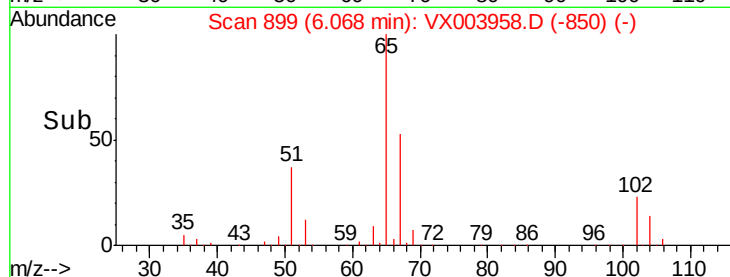
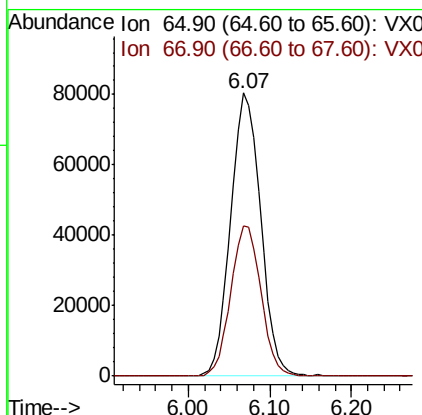
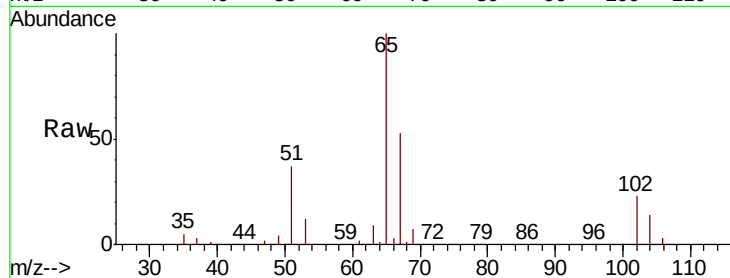




#33
 1,2-Dichloroethane-d4
 Concen: 52.56 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003958.D
 Acq: 09 Aug 2018 18:37

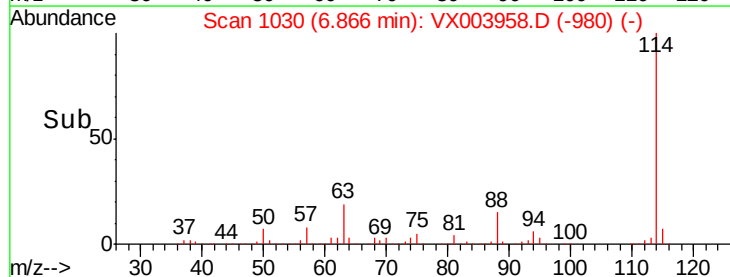
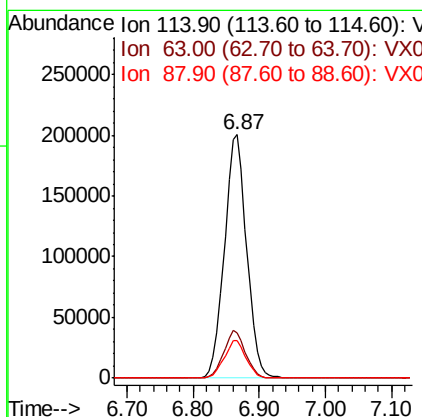
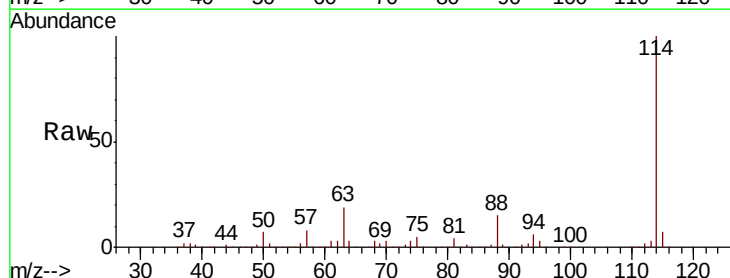
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104I

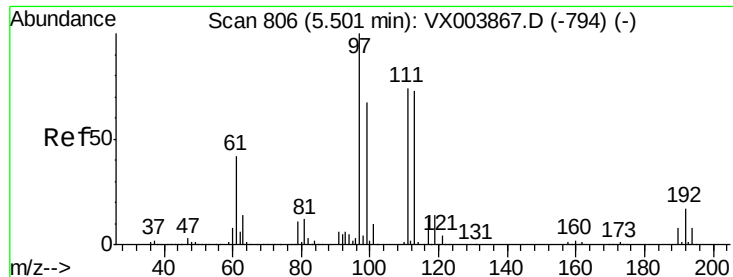
Tot Ion: 65 Resp: 205424
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003958.D
 Acq: 09 Aug 2018 18:37

Tgt Ion: 114 Resp: 465423
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.0
 88 15.3 0.0 32.0

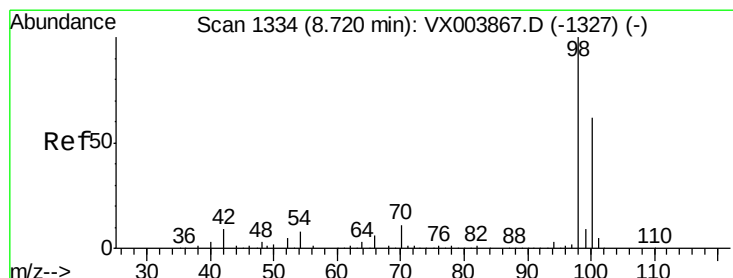
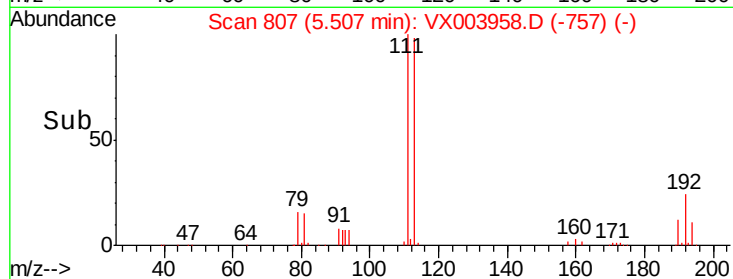
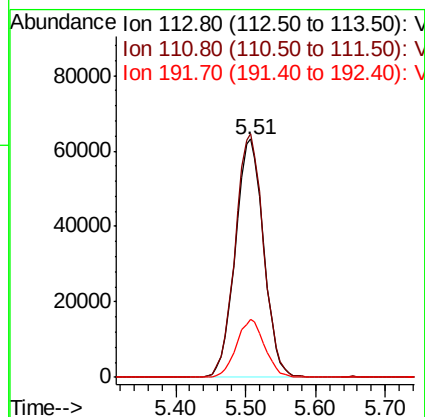
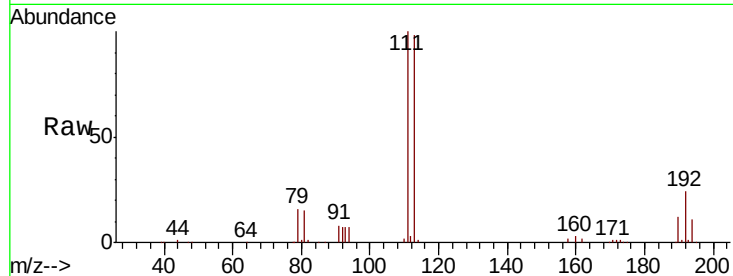




#35
 Dibromofluoromethane
 Concen: 50.38 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003958.D
 Acq: 09 Aug 2018 18:37

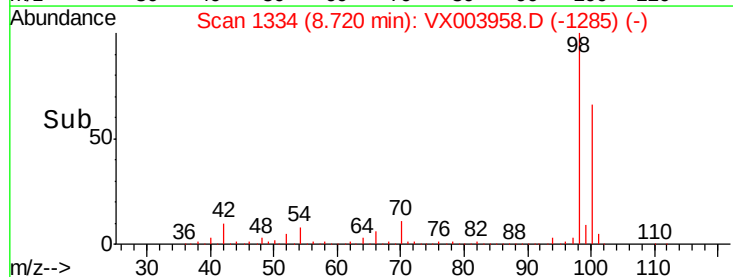
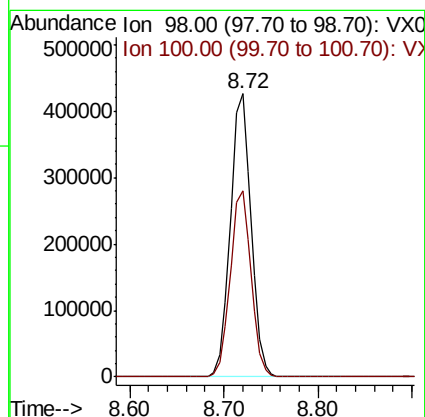
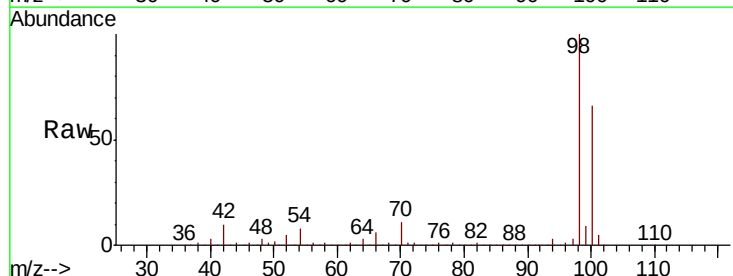
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104I

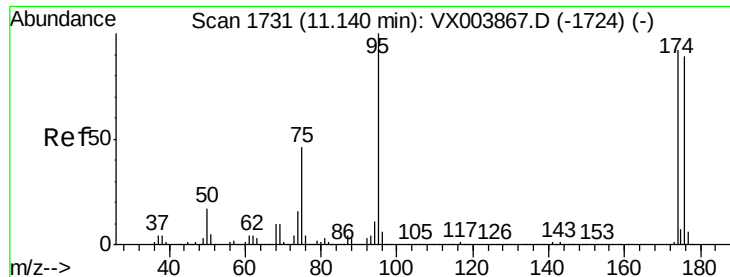
Tot Ion:113 Resp: 177635
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 24.0 19.0 28.4



#50
 Toluene-d8
 Concen: 47.47 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003958.D
 Acq: 09 Aug 2018 18:37

Tgt Ion: 98 Resp: 650931
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.3 79.9

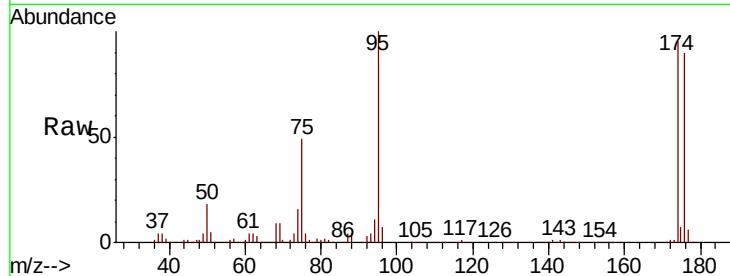




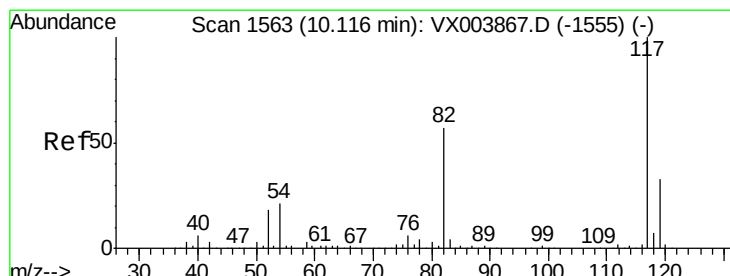
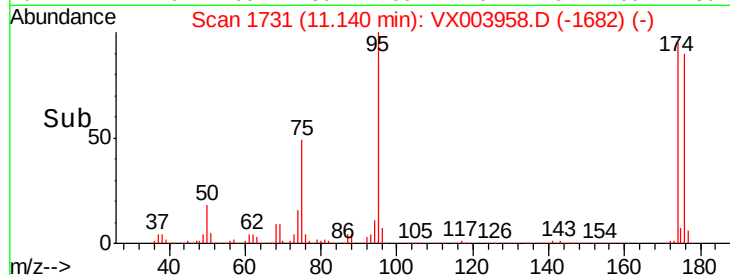
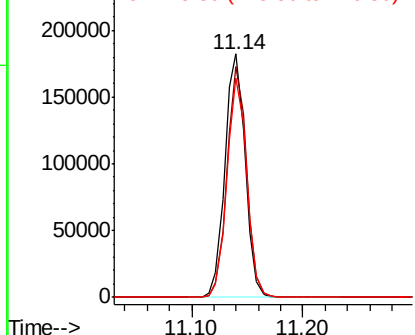
#62
4-Bromofluorobenzene
Concen: 51.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003958.D
Acq: 09 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
MW-104I

Tot Ion: 95 Resp: 229472
Ion Ratio Lower Upper
95 100
174 92.0 0.0 182.8
176 87.8 0.0 179.0

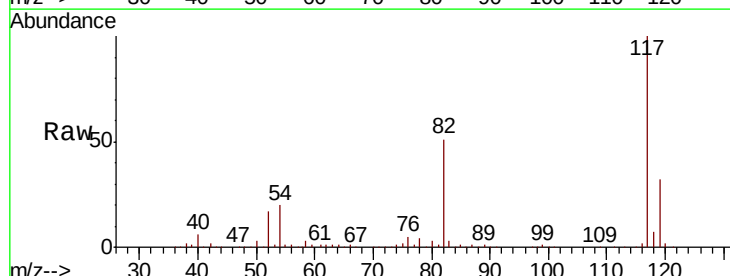


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

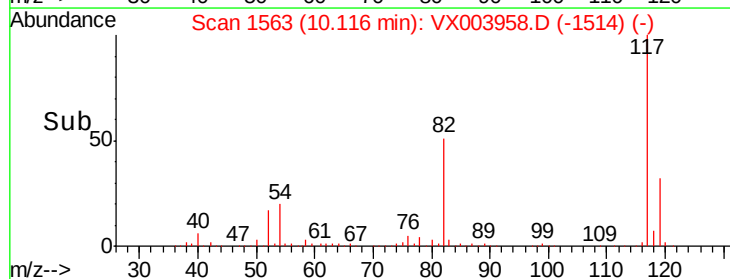
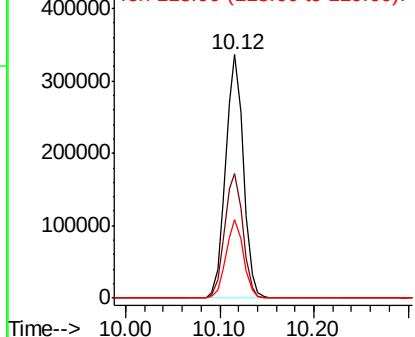


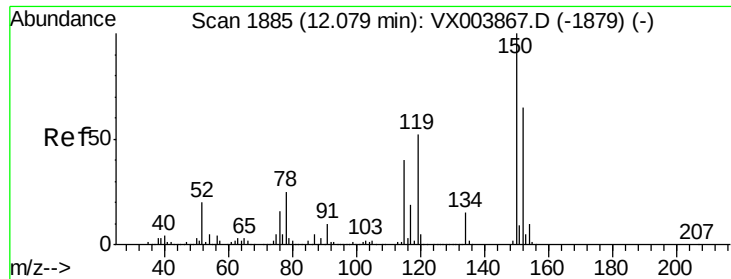
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003958.D
Acq: 09 Aug 2018 18:37

Tgt Ion: 117 Resp: 439367
Ion Ratio Lower Upper
117 100
82 51.0 45.4 68.0
119 32.4 26.6 40.0



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: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003958.D

Acq: 09 Aug 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

MW-104I

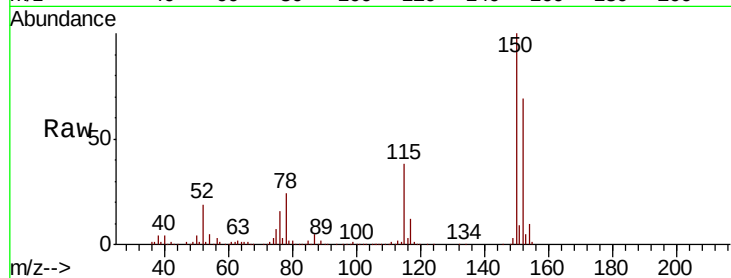
Tot Ion:152 Resp: 237741

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.3

150 149.2 0.0 349.2



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

