

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003926.D
 Acq On : 08 Aug 2018 16:24
 Operator : JC/MD
 Sample : J4379-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106I

Quant Time: Aug 09 10:56:55 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	303346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	473396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	443788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226571	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	212271	52.79	ug/l	0.00
Spiked Amount						
			Recovery	=	105.58%	
35) Dibromofluoromethane	5.51	113	179713	50.11	ug/l	0.00
Spiked Amount						
			Recovery	=	100.22%	
50) Toluene-d8	8.72	98	670164	48.05	ug/l	0.00
Spiked Amount						
			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.14	95	234777	52.03	ug/l	0.00
Spiked Amount						
			Recovery	=	104.06%	

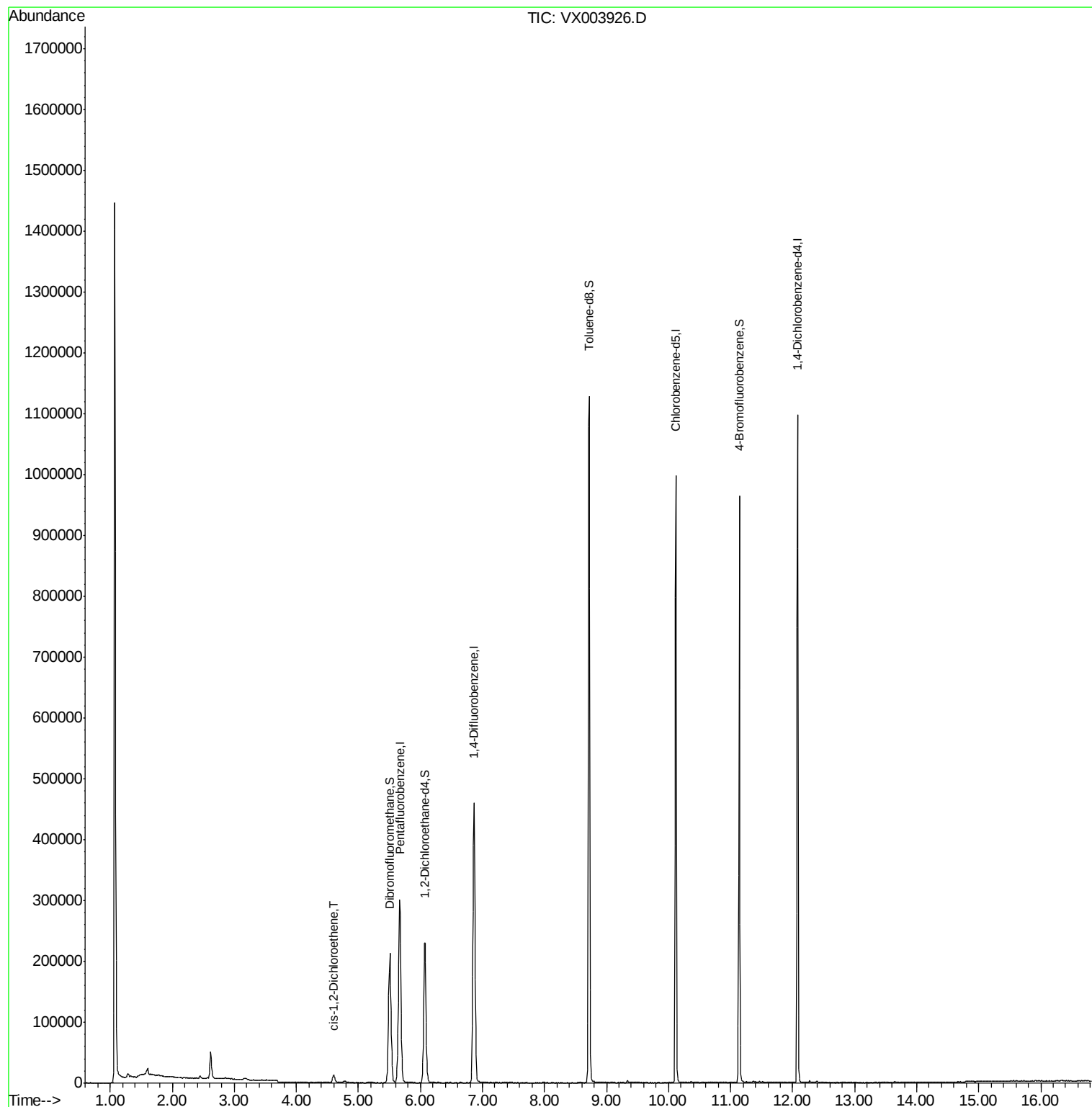
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.60	96	8003	2.00	ug/l	92

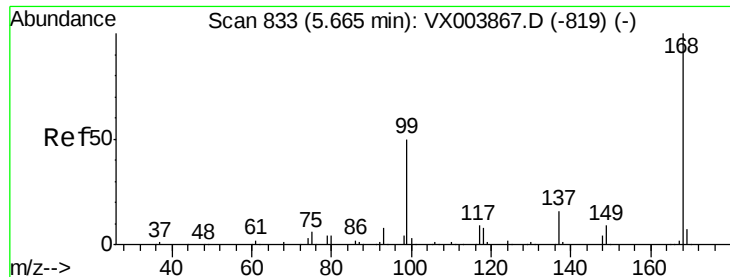
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003926.D

Acq: 08 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

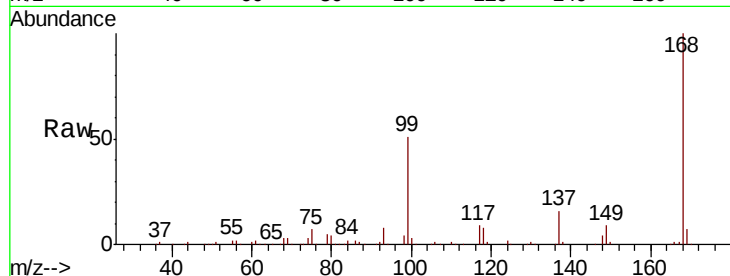
MW-106I

Tot Ion:168 Resp: 303346

Ion Ratio Lower Upper

168 100

99 51.2 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

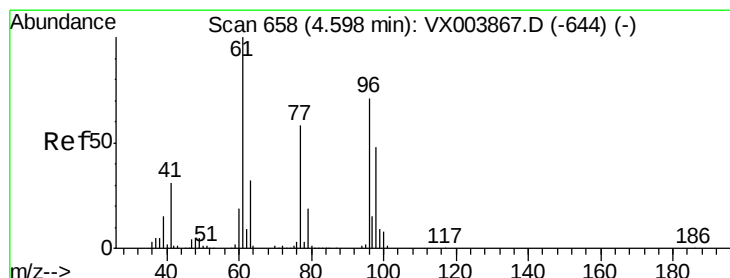
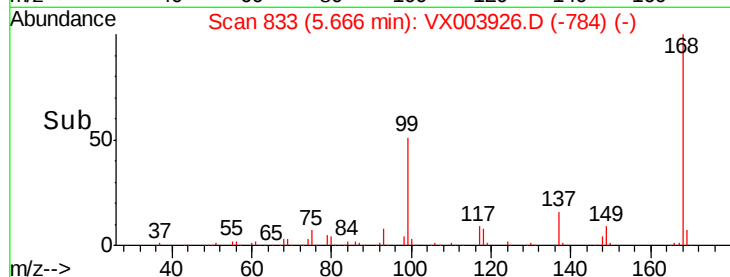
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 2.00 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003926.D

Acq: 08 Aug 2018 16:24

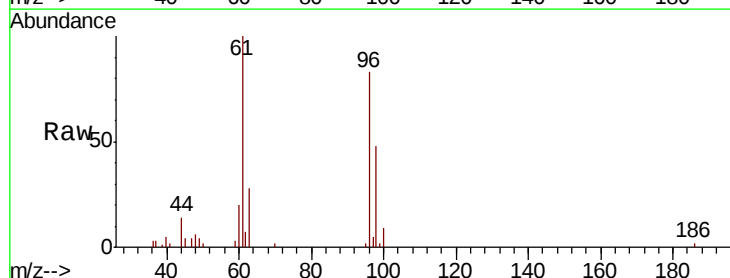
Tgt Ion: 96 Resp: 8003

Ion Ratio Lower Upper

96 100

61 134.2 0.0 293.0

98 61.6 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

5000

4000

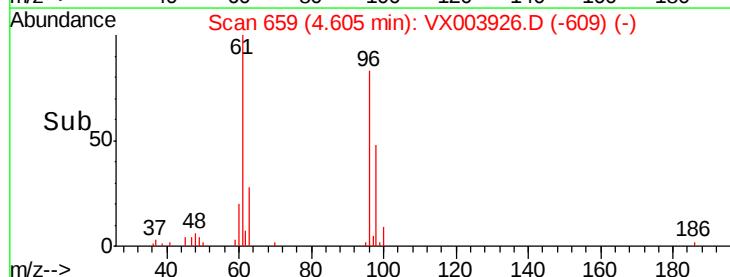
3000

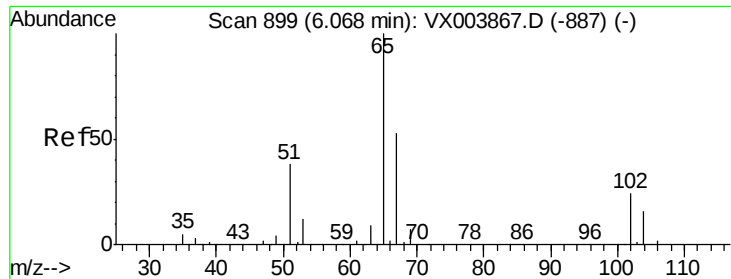
2000

1000

0

Time--> 4.50 4.55 4.60 4.65 4.70

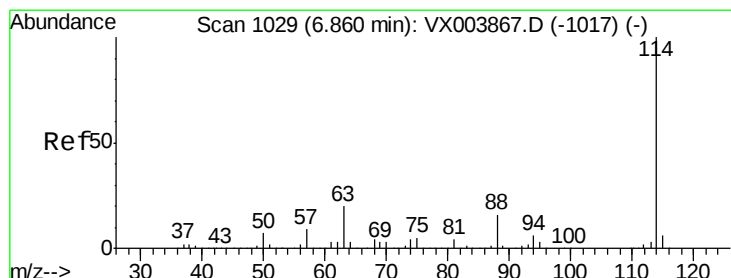
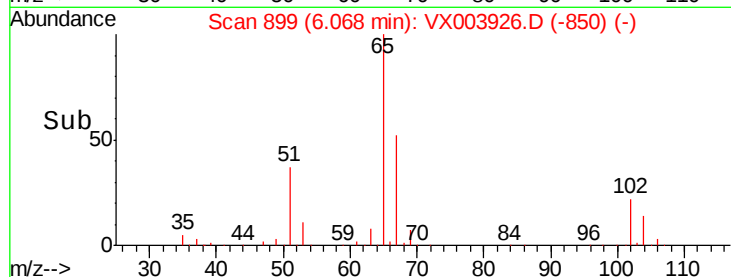
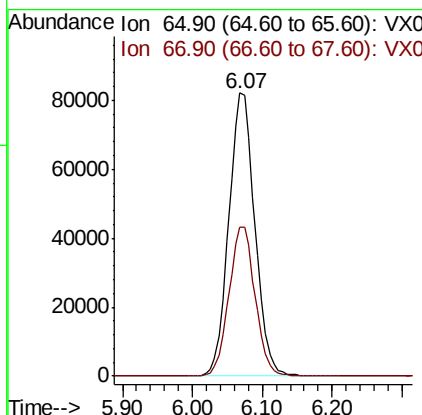
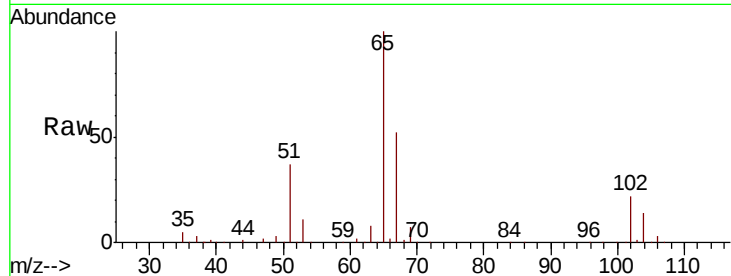




#33
 1,2-Dichloroethane-d4
 Concen: 52.79 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003926.D
 Acq: 08 Aug 2018 16:24

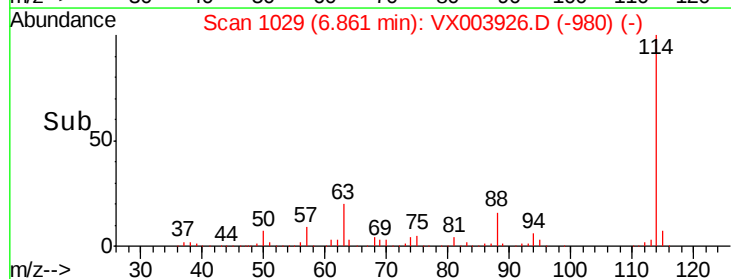
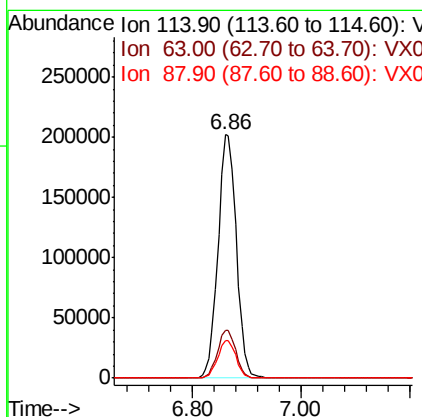
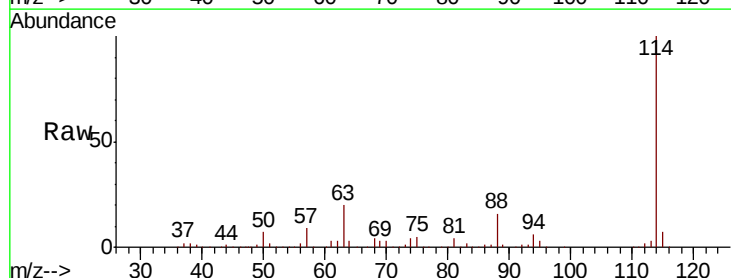
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106I

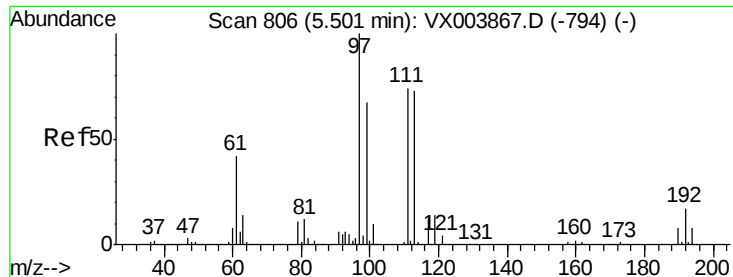
Tot Ion: 65 Resp: 212271
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003926.D
 Acq: 08 Aug 2018 16:24

Tgt Ion: 114 Resp: 473396
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.6 0.0 32.0

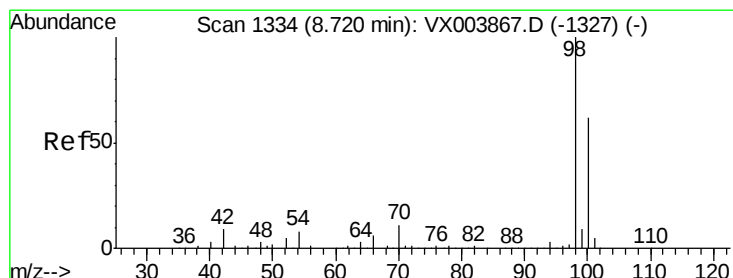
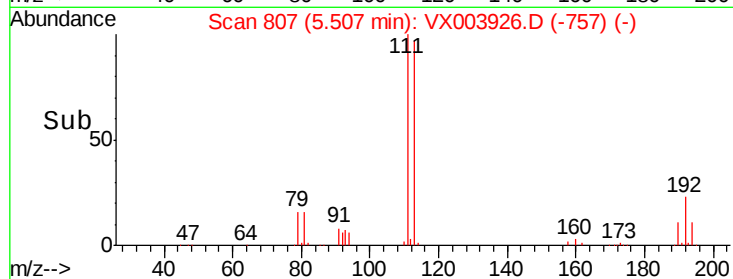
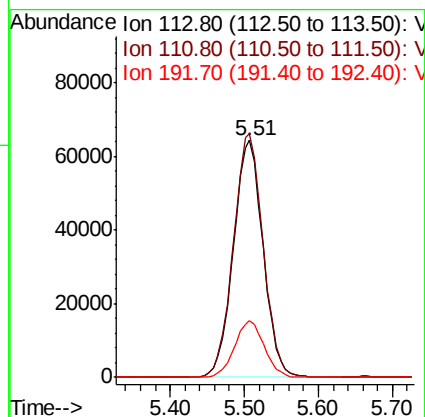
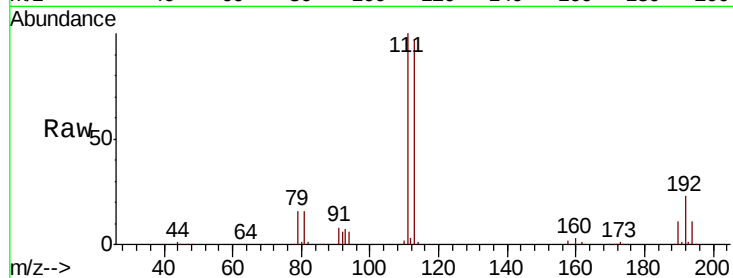




#35
 Dibromofluoromethane
 Concen: 50.11 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003926.D
 Acq: 08 Aug 2018 16:24

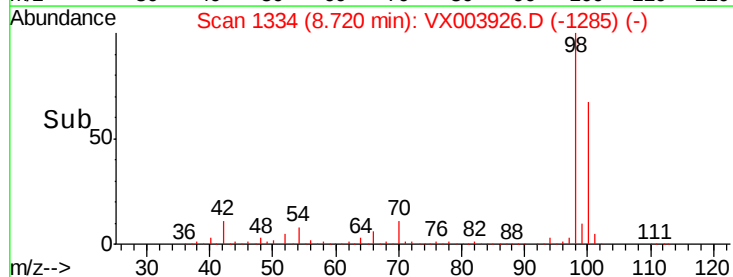
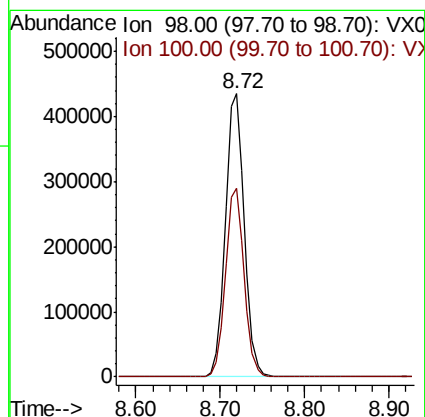
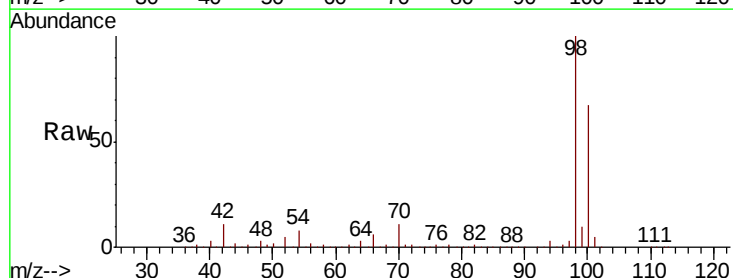
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106I

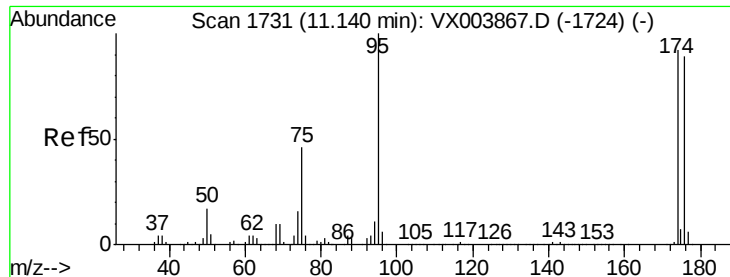
Tot Ion:113 Resp: 179713
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 23.8 19.0 28.4



#50
 Toluene-d8
 Concen: 48.05 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003926.D
 Acq: 08 Aug 2018 16:24

Tgt Ion: 98 Resp: 670164
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.3 79.9

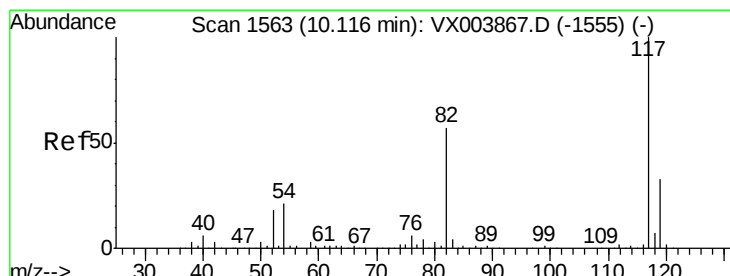
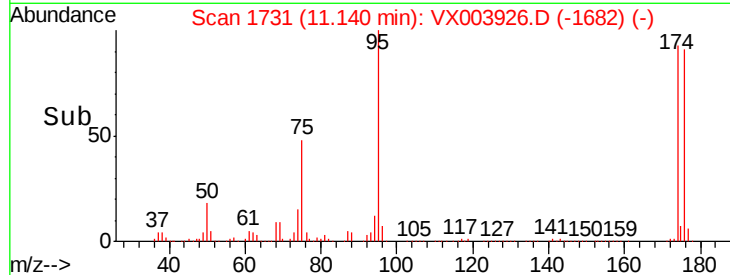
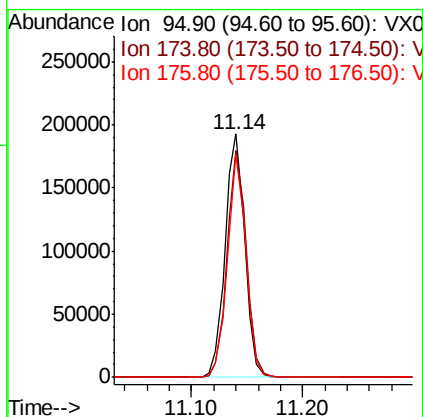
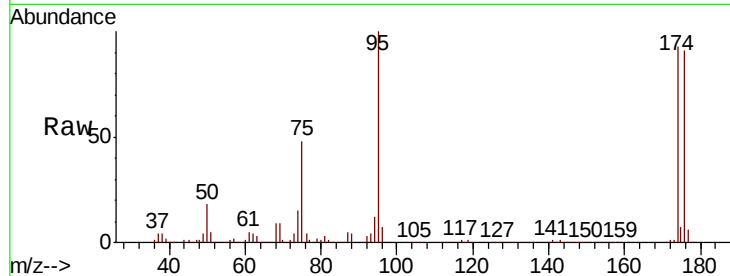




#62
4-Bromofluorobenzene
Concen: 52.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003926.D
Acq: 08 Aug 2018 16:24

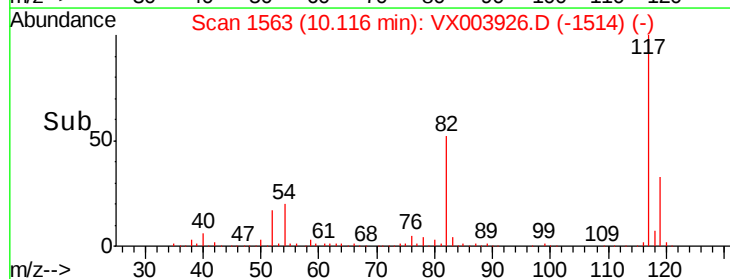
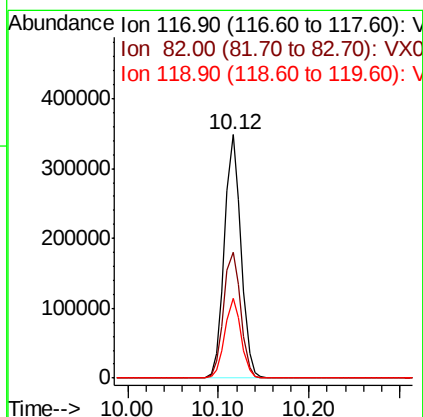
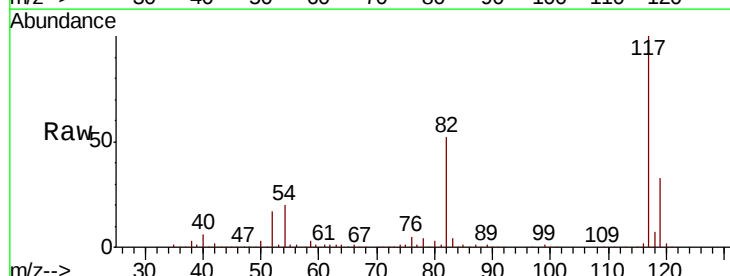
Instrument :
MSVOA_X
ClientSampled :
MW-106I

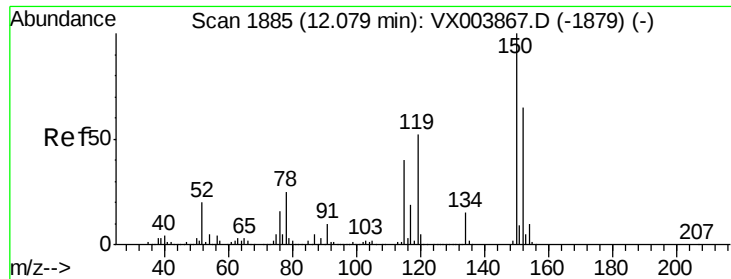
Tot Ion: 95 Resp: 234777
Ion Ratio Lower Upper
95 100
174 91.5 0.0 182.8
176 86.7 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003926.D
Acq: 08 Aug 2018 16:24

Tgt Ion: 117 Resp: 443788
Ion Ratio Lower Upper
117 100
82 51.9 45.4 68.0
119 32.6 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003926.D

Acq: 08 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

MW-106I

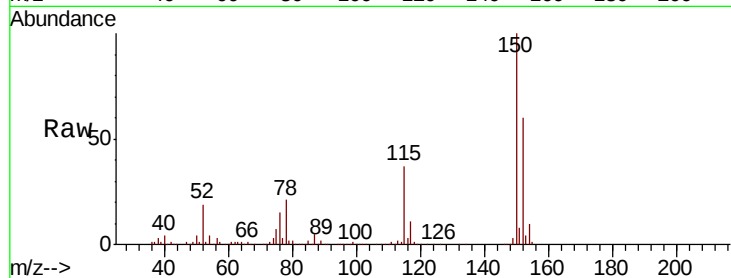
Tot Ion:152 Resp: 226571

Ion Ratio Lower Upper

152 100

115 57.0 39.1 117.3

150 157.4 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

