

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003987.D
 Acq On : 10 Aug 2018 19:50
 Operator : JC/MD
 Sample : J4397-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Quant Time: Aug 13 11:00:00 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	292707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	412224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222406	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	208911	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
35) Dibromofluoromethane	5.51	113	176112	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
50) Toluene-d8	8.72	98	620027	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.14	95	212560	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	

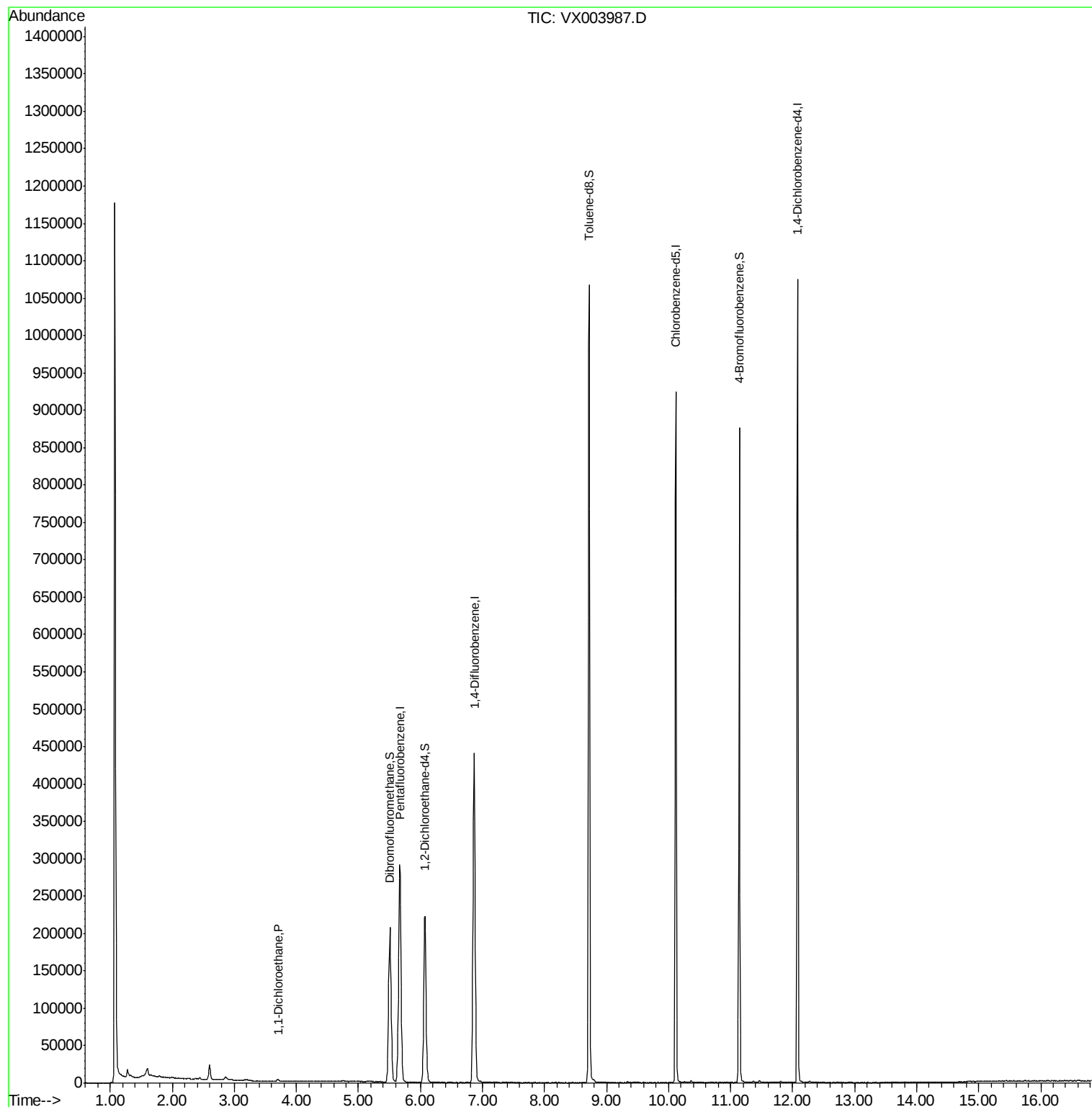
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
24) 1,1-Dichloroethane	3.70	63	3375	0.51	ug/l	# 84

(#) = 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

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MSVOA_X

ClientSampleId :

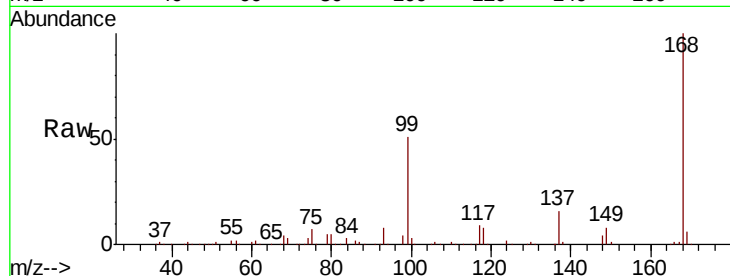
MW-13

Tot Ion:168 Resp: 292707

Ion Ratio Lower Upper

168 100

99 50.6 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

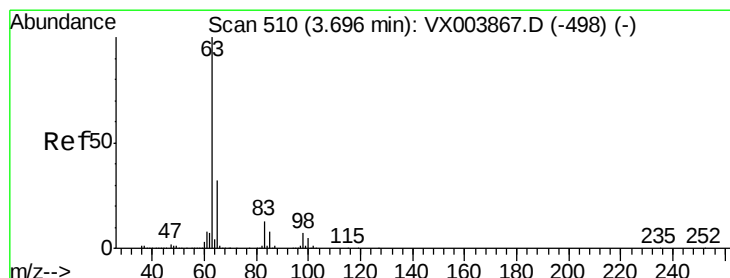
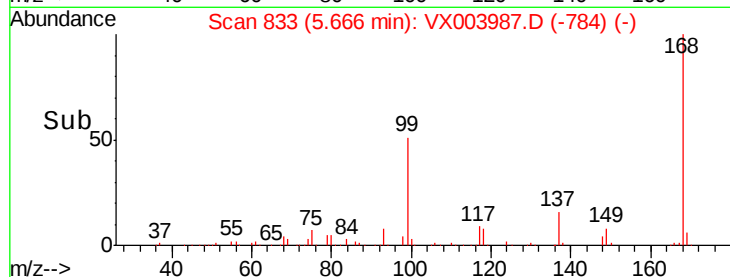
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#24

1,1-Dichloroethane

Concen: 0.51 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003987.D

Acq: 10 Aug 2018 19:50

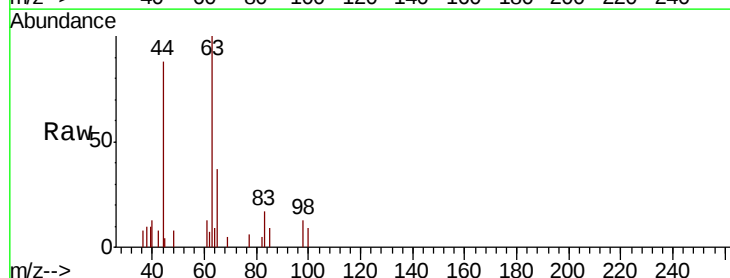
Tgt Ion: 63 Resp: 3375

Ion Ratio Lower Upper

63 100

98 12.9 3.5 10.5#

100 9.3 2.3 6.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

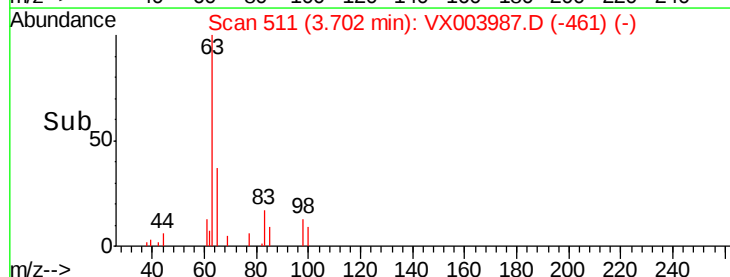
1500

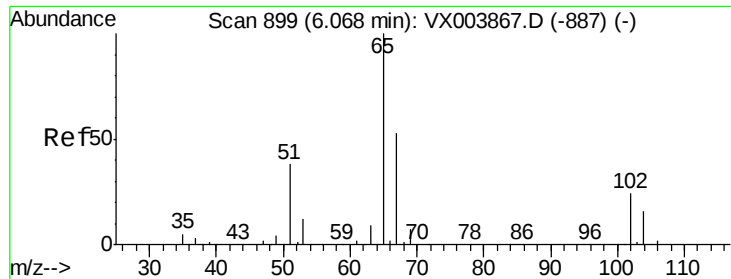
1000

500

0

Time--> 3.60 3.65 3.70 3.75

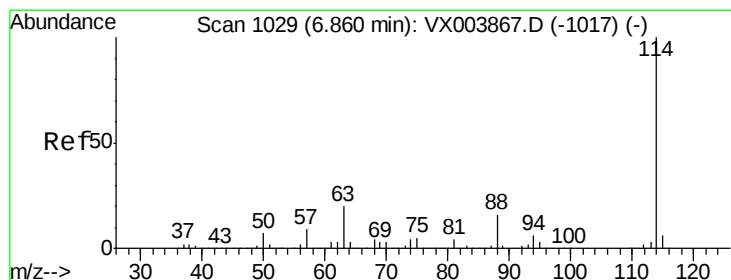
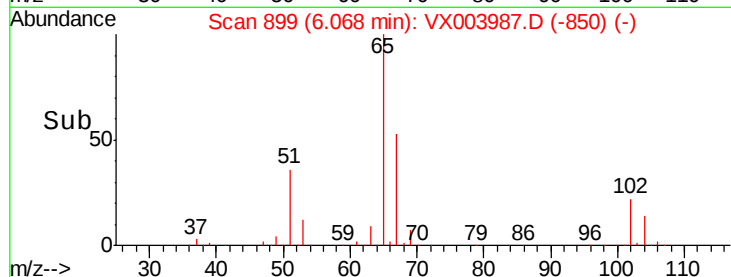
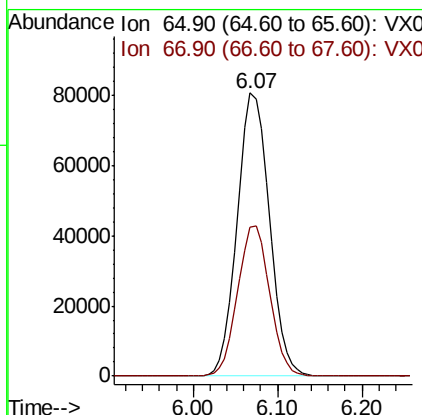
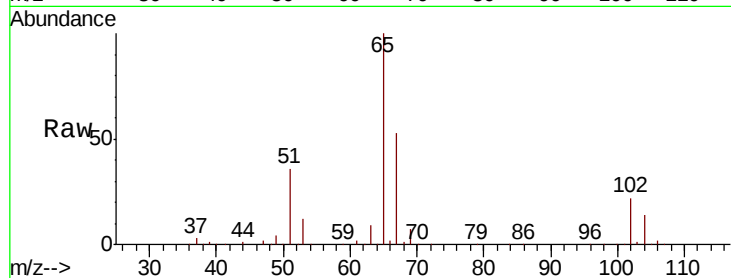




#33
 1,2-Dichloroethane-d4
 Concen: 53.84 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003987.D
 Acq: 10 Aug 2018 19:50

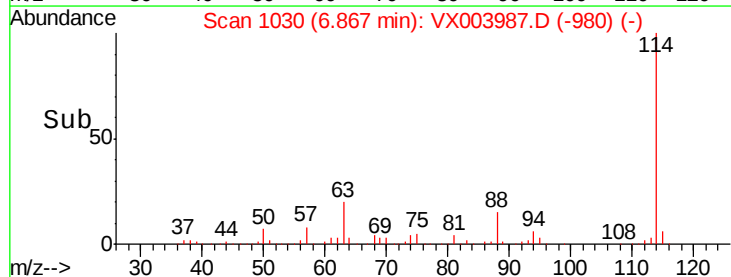
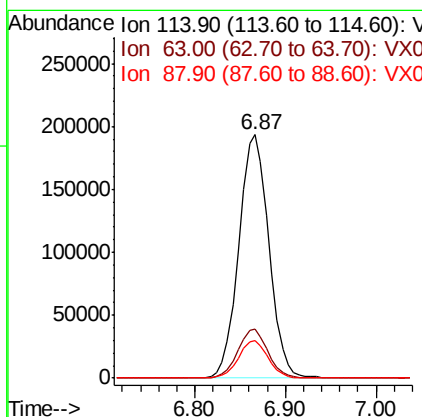
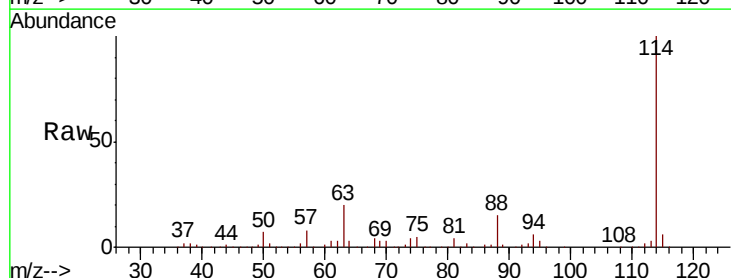
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

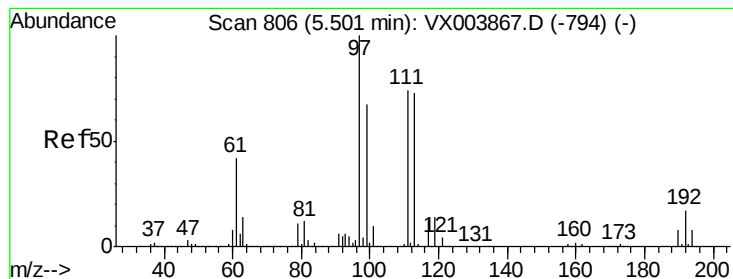
Tot Ion: 65 Resp: 208911
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003987.D
 Acq: 10 Aug 2018 19:50

Tgt Ion: 114 Resp: 444511
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003987.D

Acq: 10 Aug 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW-13

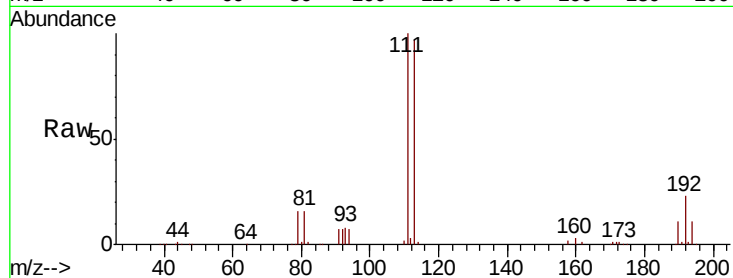
Tot Ion:113 Resp: 176112

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

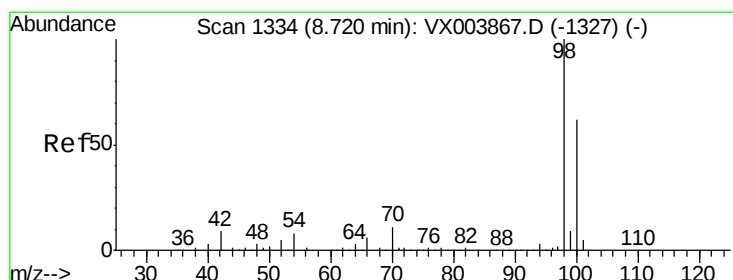
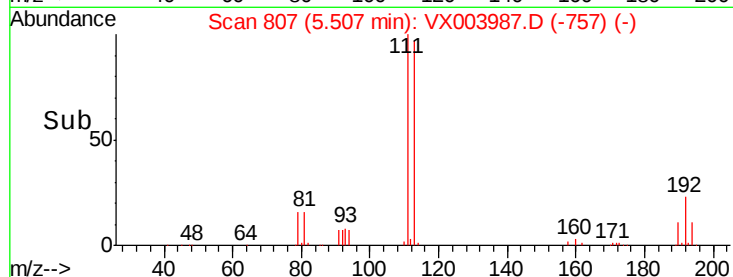
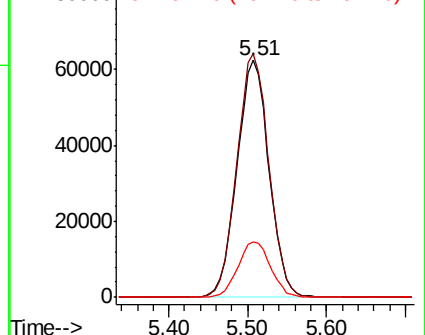
192 23.8 19.0 28.4



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: 47.35 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003987.D

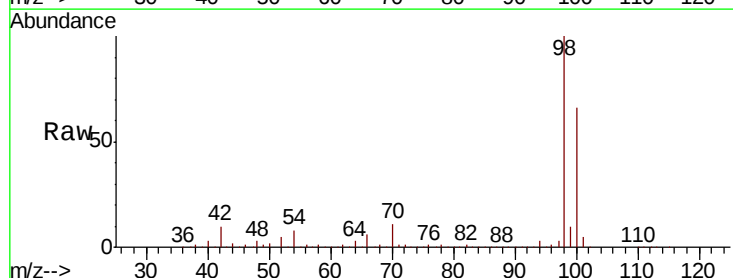
Acq: 10 Aug 2018 19:50

Tgt Ion: 98 Resp: 620027

Ion Ratio Lower Upper

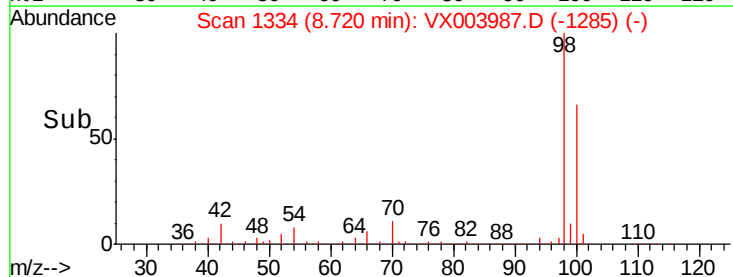
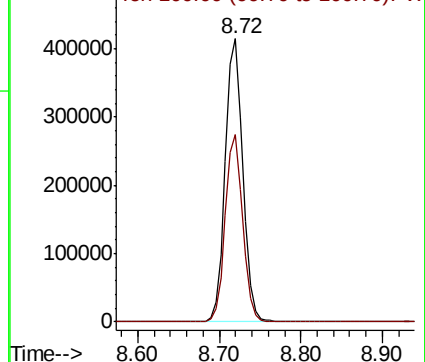
98 100

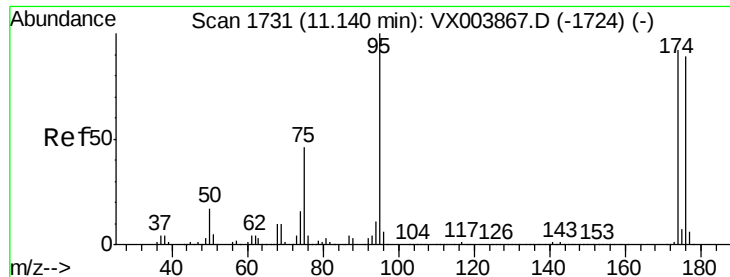
100 65.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

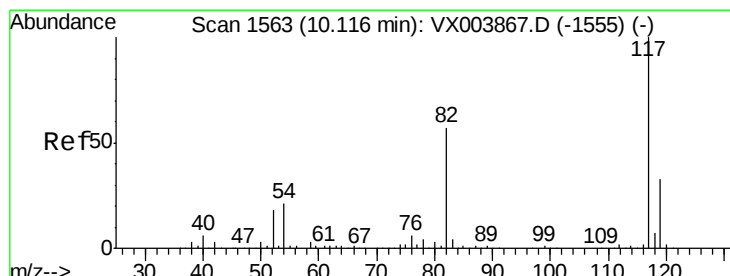
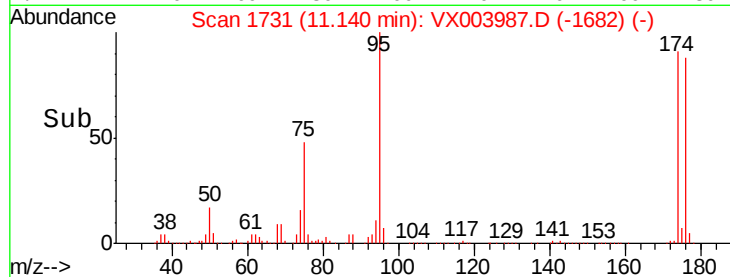
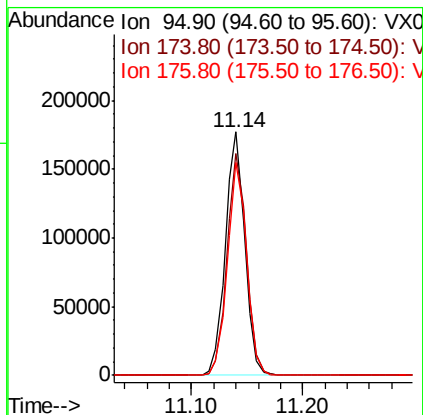
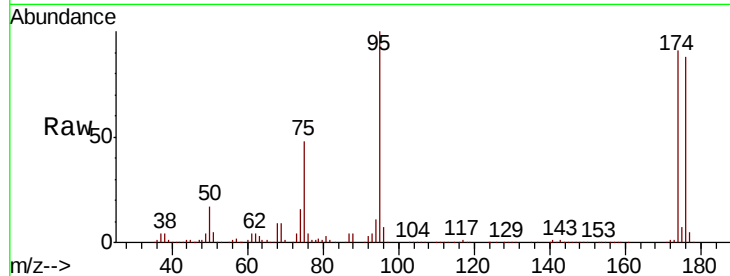




#62
4-Bromofluorobenzene
Concen: 50.16 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003987.D
Acq: 10 Aug 2018 19:50

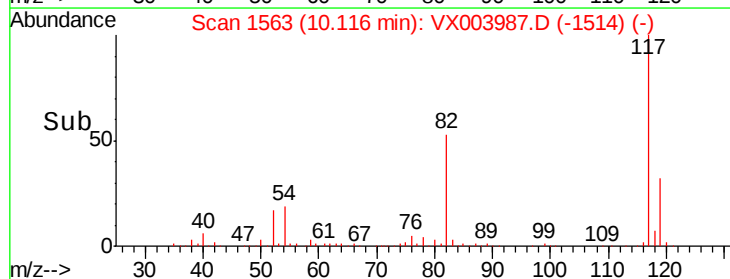
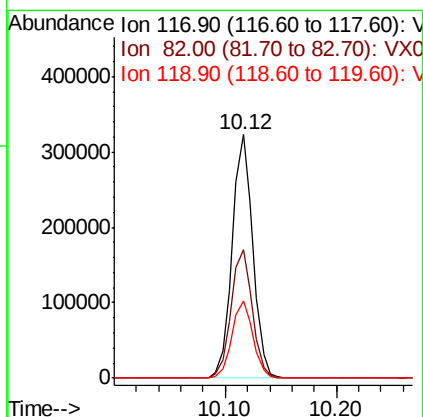
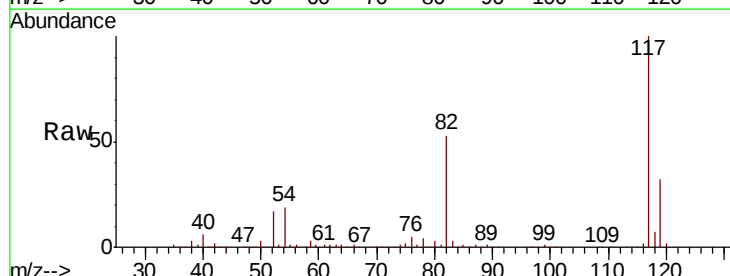
Instrument :
MSVOA_X
ClientSampleId :
MW-13

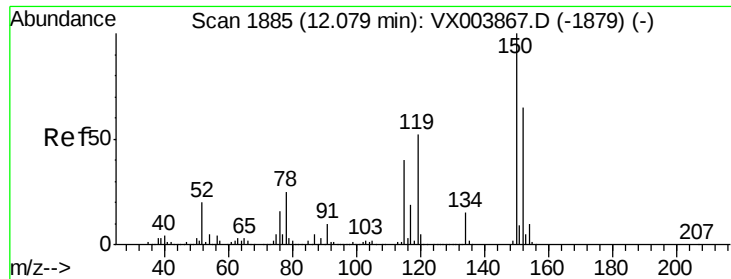
Tot Ion: 95 Resp: 212560
Ion Ratio Lower Upper
95 100
174 92.3 0.0 182.8
176 86.9 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003987.D
Acq: 10 Aug 2018 19:50

Tgt Ion: 117 Resp: 412224
Ion Ratio Lower Upper
117 100
82 52.6 45.4 68.0
119 31.9 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: VX003987.D

Acq: 10 Aug 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW-13

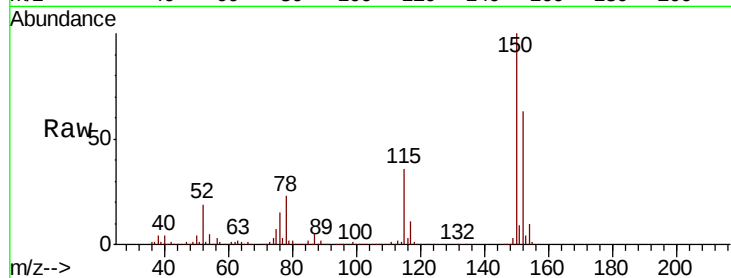
Tot Ion:152 Resp: 222406

Ion Ratio Lower Upper

152 100

115 55.9 39.1 117.3

150 156.5 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

