

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003234.D
 Acq On : 07 Jul 2018 01:07
 Operator : JC/MD
 Sample : J3878-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jul 09 09:25:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186724	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	165445	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
35) Dibromofluoromethane	5.51	113	140382	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	8.72	98	497650	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.14	95	170817	42.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.18%	

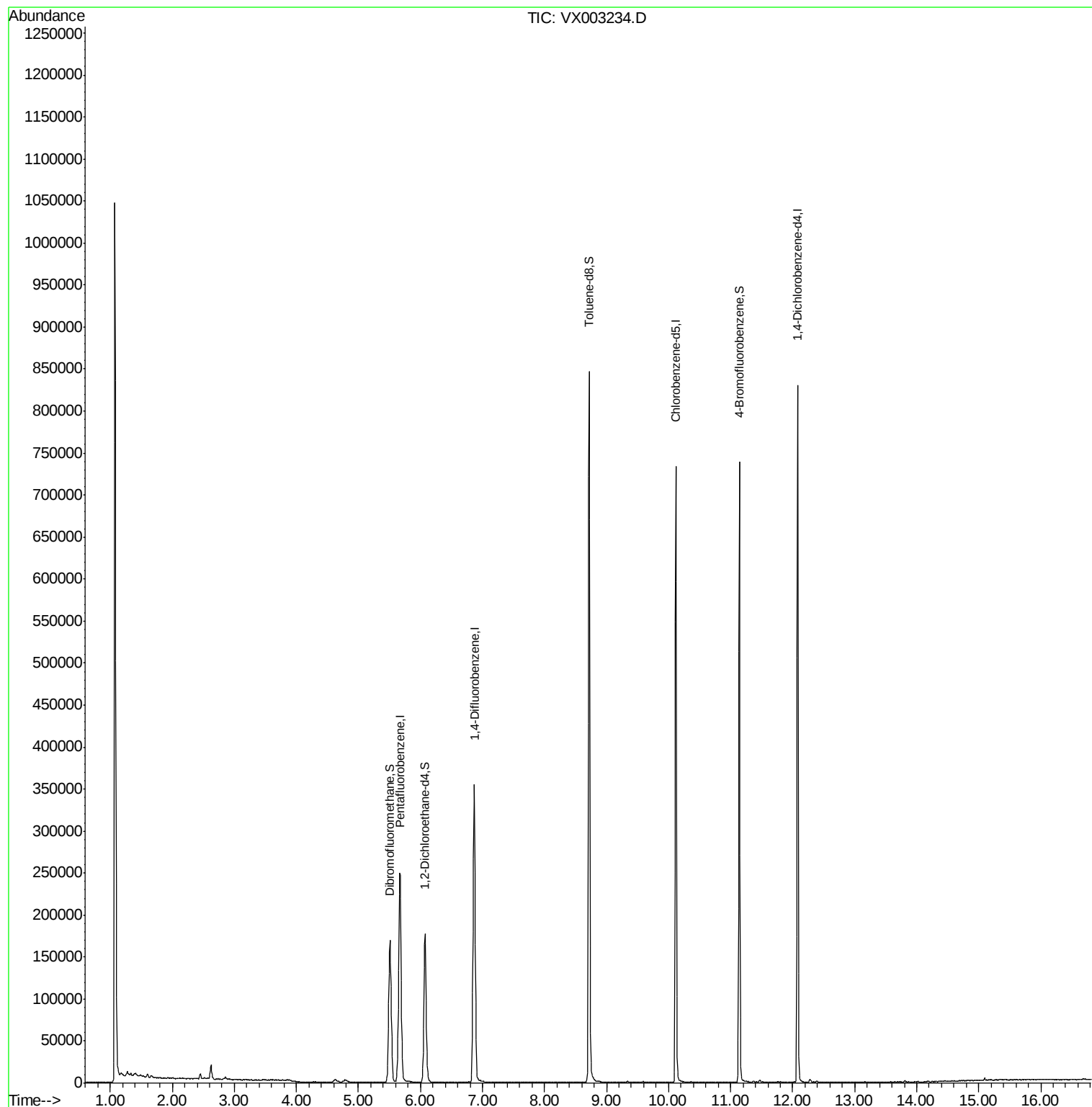
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003234.D

Acq: 07 Jul 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

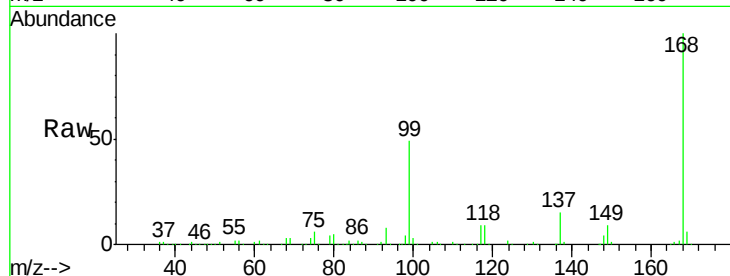
MW-3

Tot Ion:168 Resp: 259480

Ion Ratio Lower Upper

168 100

99 48.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

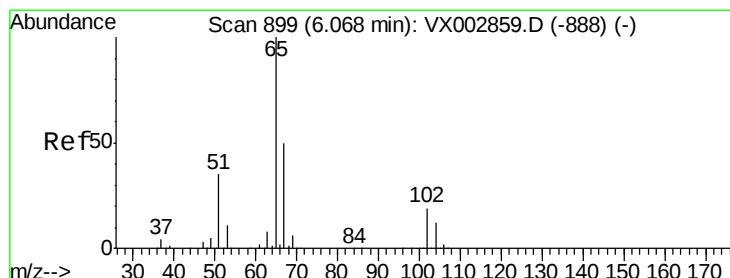
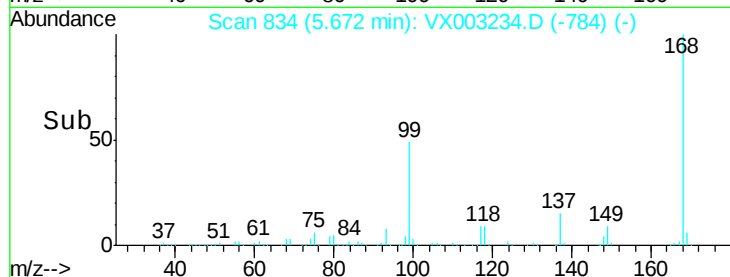
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.129 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003234.D

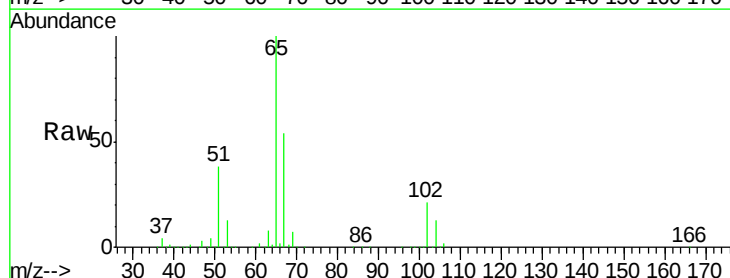
Acq: 07 Jul 2018 01:07

Tgt Ion: 65 Resp: 165445

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

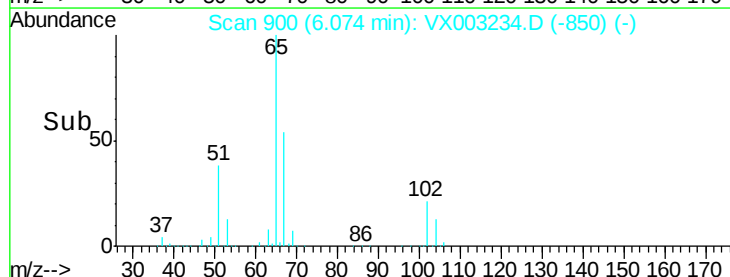
60000

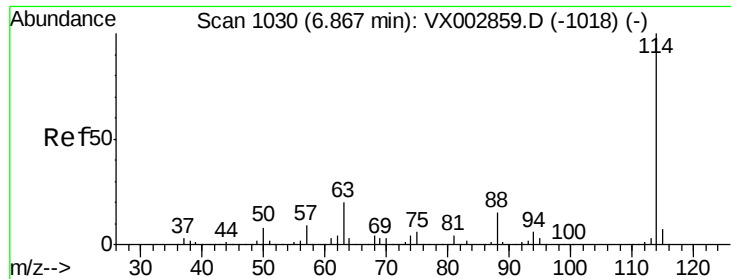
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

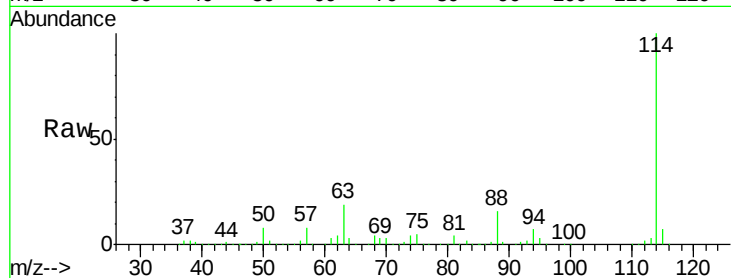




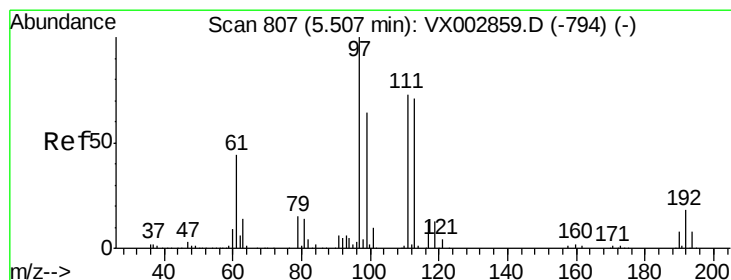
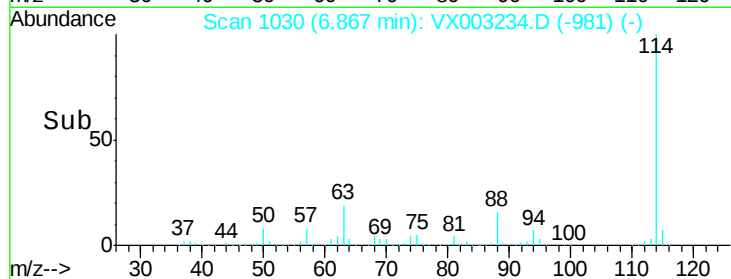
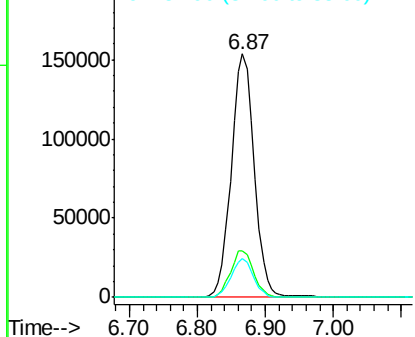
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003234.D
 Acq: 07 Jul 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Tot Ion:114 Resp: 359620
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.9 0.0 30.0

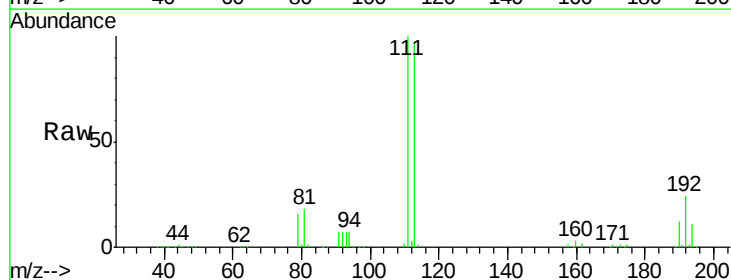


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

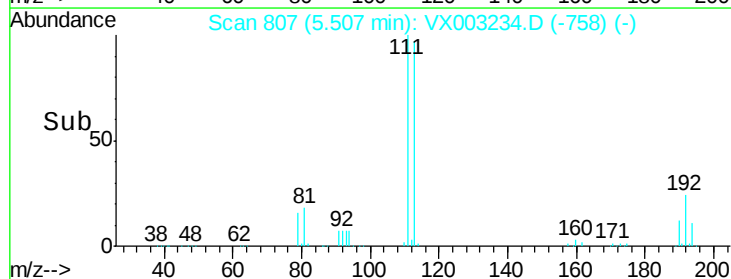
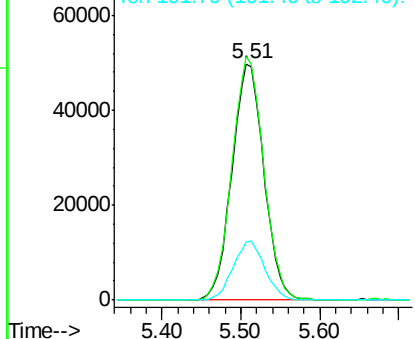


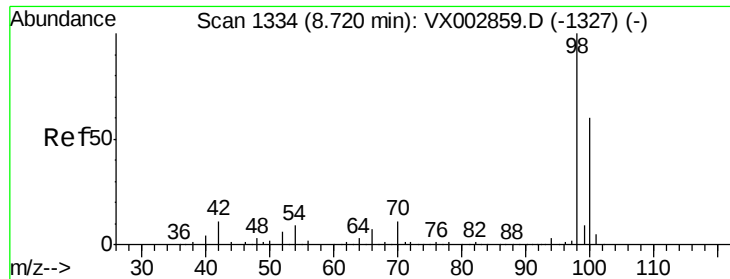
#35
 Dibromofluoromethane
 Concen: 49.294 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003234.D
 Acq: 07 Jul 2018 01:07

Tgt Ion:113 Resp: 140382
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 24.8 19.1 28.7



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: 47.853 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003234.D

Acq: 07 Jul 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

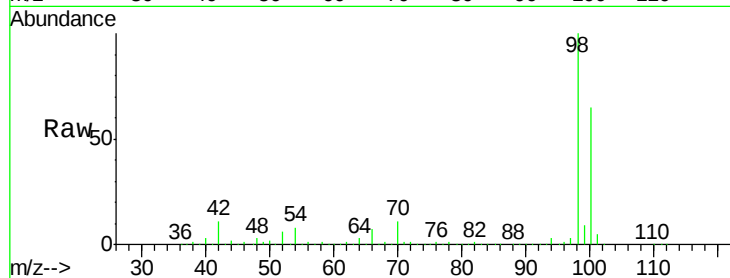
MW-3

Tot Ion: 98 Resp: 497650

Ion Ratio Lower Upper

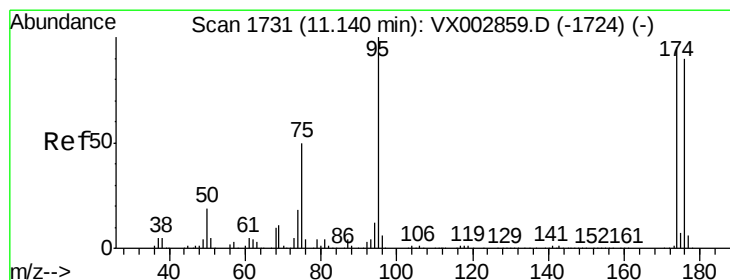
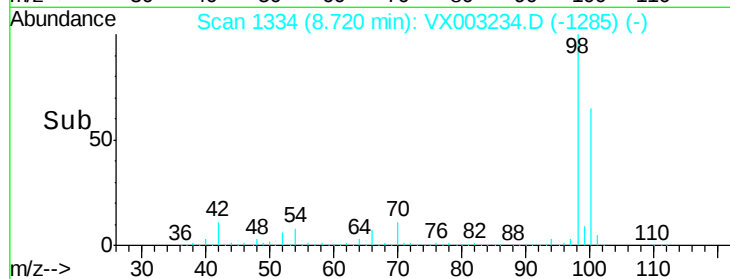
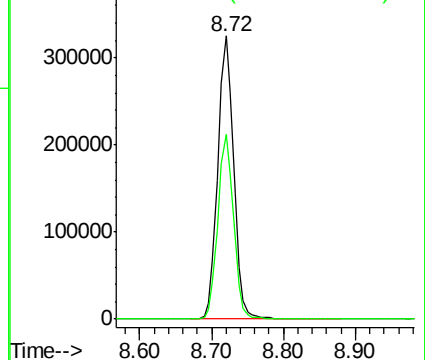
98 100

100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.590 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003234.D

Acq: 07 Jul 2018 01:07

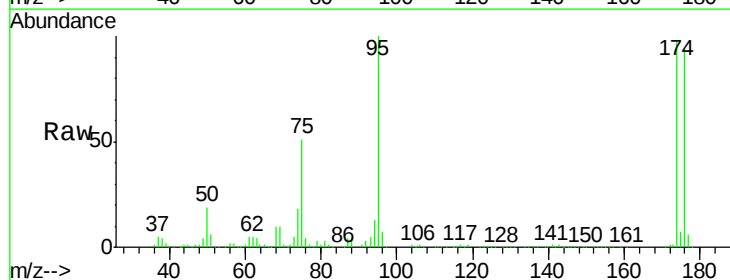
Tgt Ion: 95 Resp: 170817

Ion Ratio Lower Upper

95 100

174 99.9 0.0 187.4

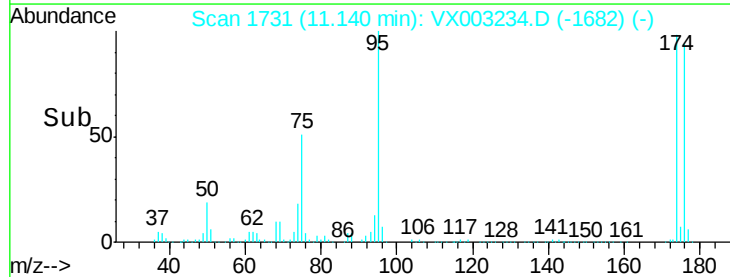
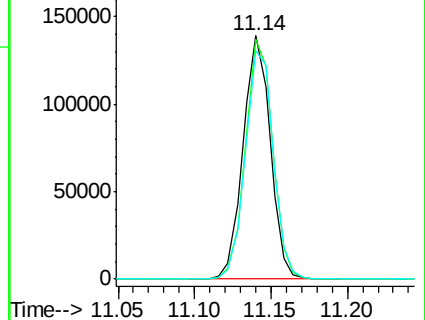
176 97.2 0.0 181.0

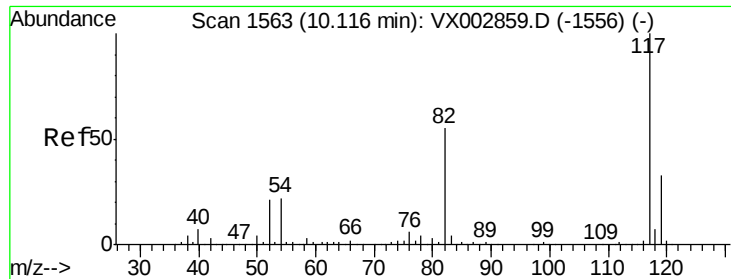


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

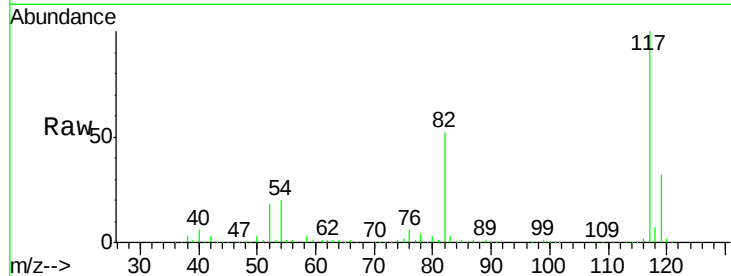




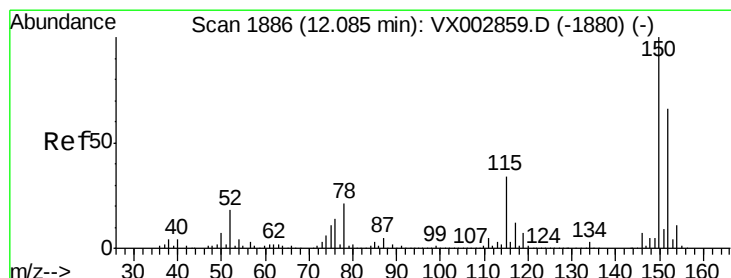
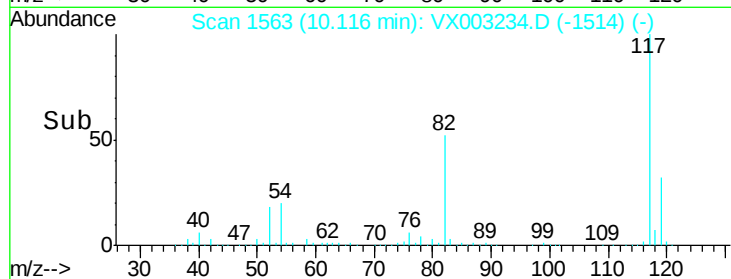
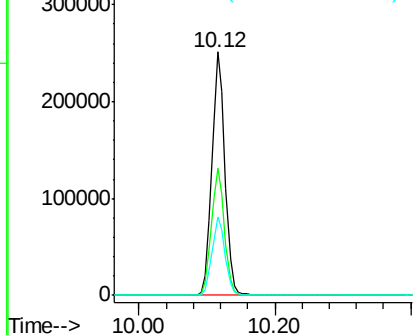
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003234.D
 Acq: 07 Jul 2018 01:07

Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

Tot Ion:117 Resp: 333563
 Ion Ratio Lower Upper
 117 100
 82 52.3 45.0 67.4
 119 32.4 25.8 38.6

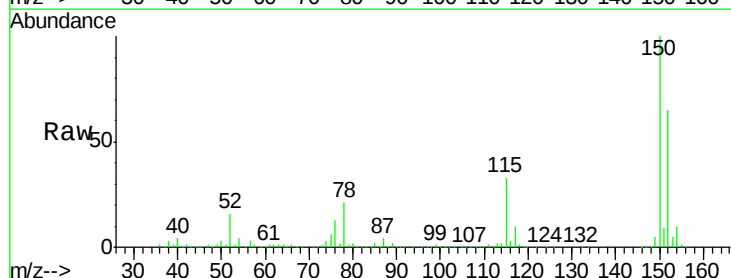


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX003234.D
 Acq: 07 Jul 2018 01:07

Tgt Ion:152 Resp: 186724
 Ion Ratio Lower Upper
 152 100
 115 53.0 40.1 120.2
 150 155.7 0.0 347.2



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

