

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003235.D
 Acq On : 07 Jul 2018 01:34
 Operator : JC/MD
 Sample : J3878-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jul 09 09:26:26 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	273374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180050	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
35) Dibromofluoromethane	5.51	113	149014	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.72	98	531716	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.14	95	184908	43.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.64%	

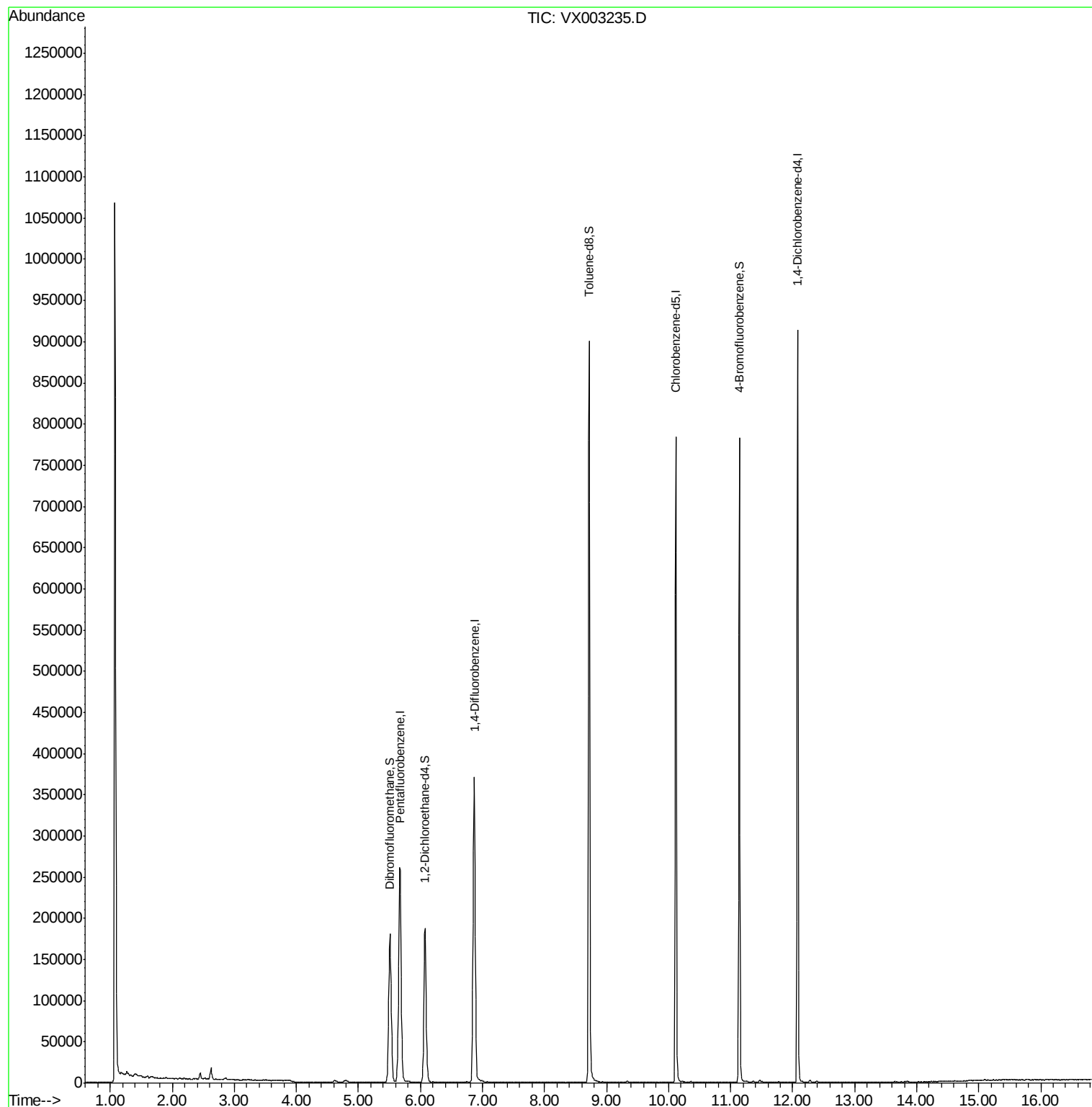
Target Compounds	Qvalue

(#) = 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: VX003235.D

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Instrument :

MSVOA_X

ClientSampleId :

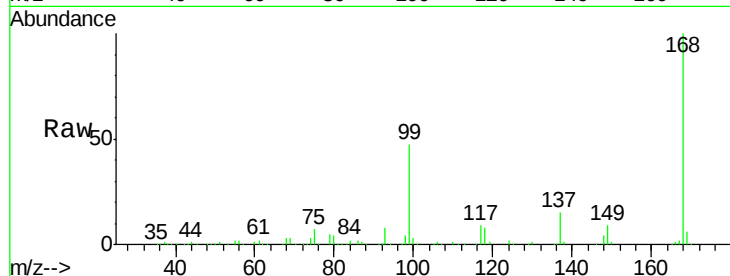
MW-4

Tot Ion:168 Resp: 273374

Ion Ratio Lower Upper

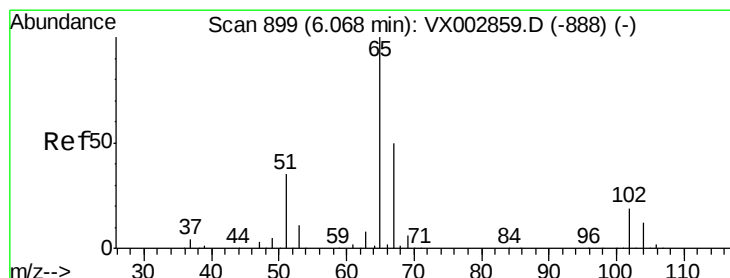
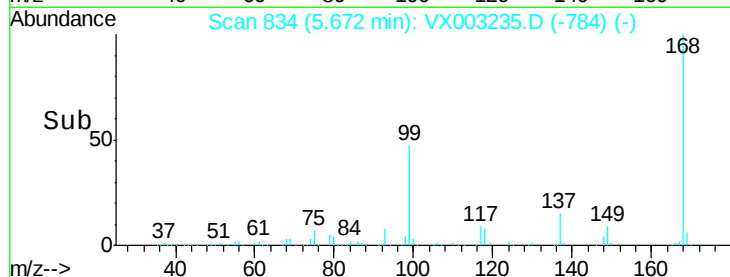
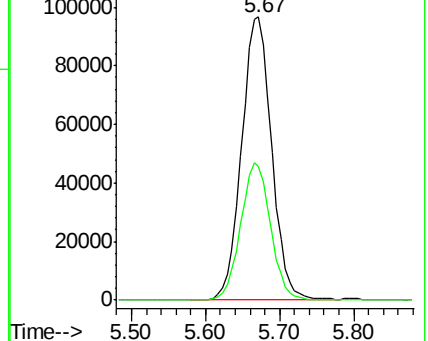
168 100

99 47.4 39.3 58.9



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: 47.650 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003235.D

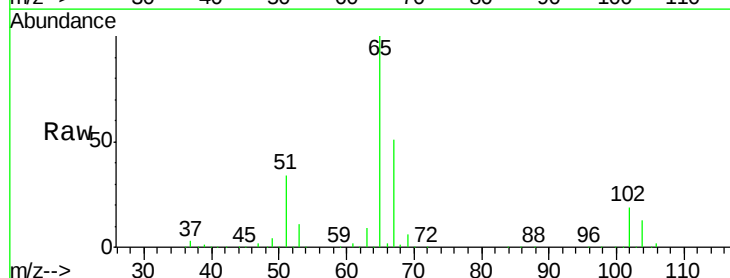
Acq: 07 Jul 2018 01:34

Tgt Ion: 65 Resp: 180050

Ion Ratio Lower Upper

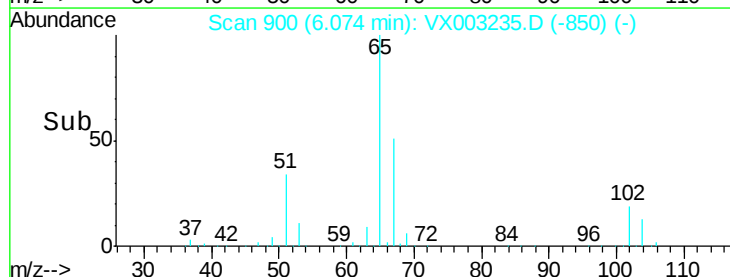
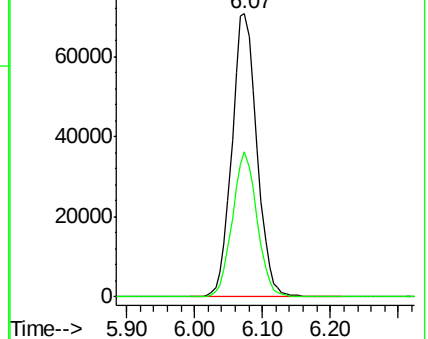
65 100

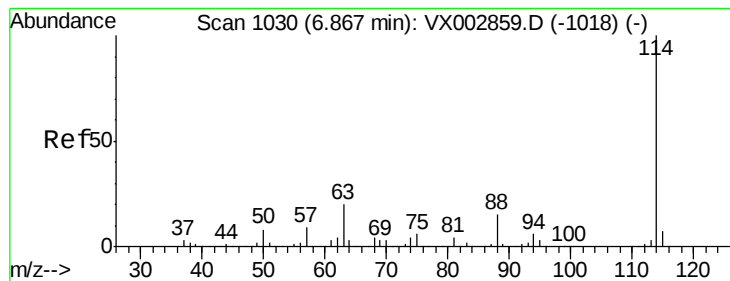
67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003235.D

Acq: 07 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

MW-4

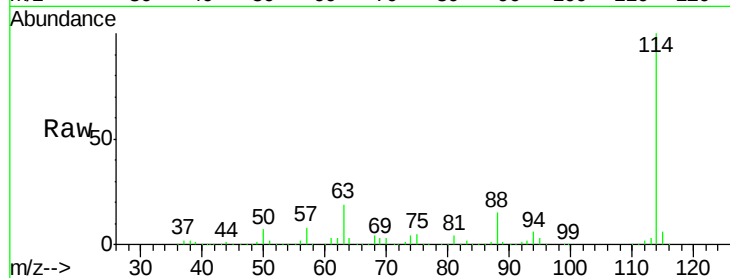
Tot Ion:114 Resp: 382728

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

88 15.4 0.0 30.0



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

200000

150000

100000

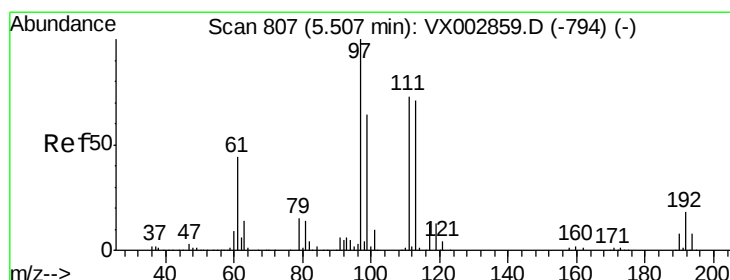
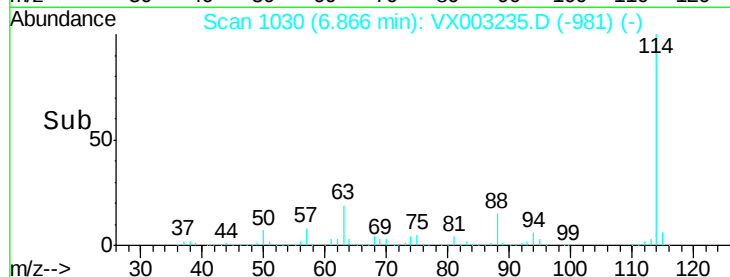
50000

0

6.87

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 49.166 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003235.D

Acq: 07 Jul 2018 01:34

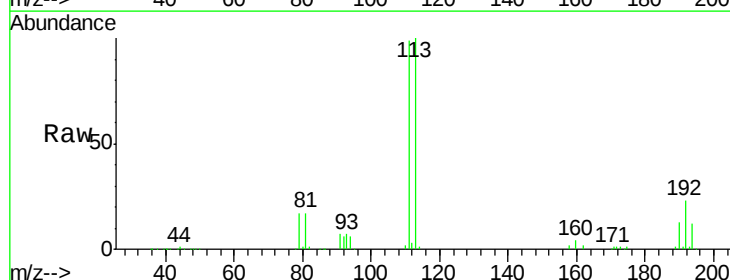
Tgt Ion:113 Resp: 149014

Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.0

192 24.4 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

60000

40000

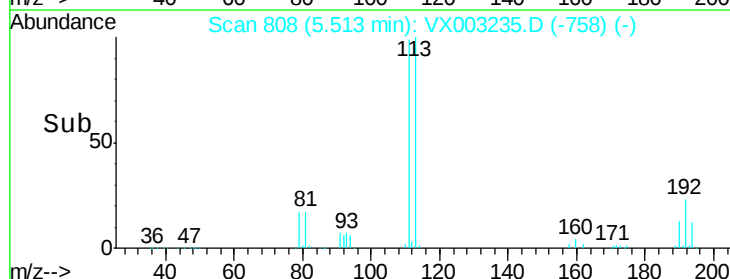
20000

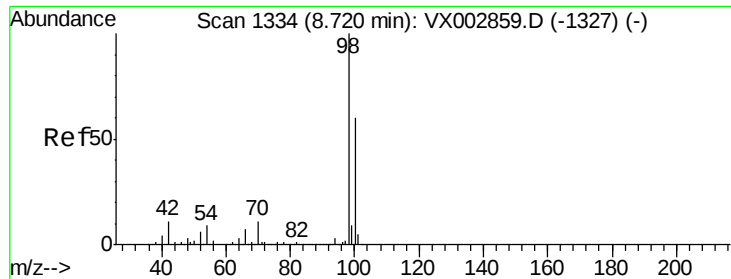
0

5.51

5.40 5.50 5.60

Time-->

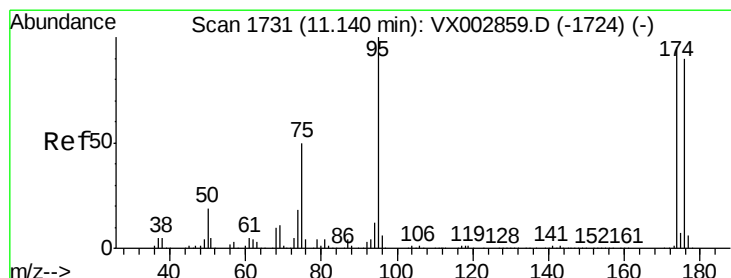
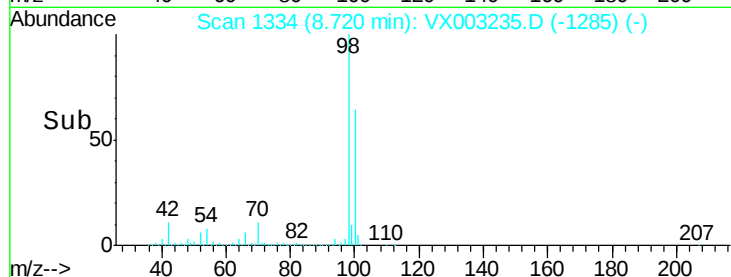
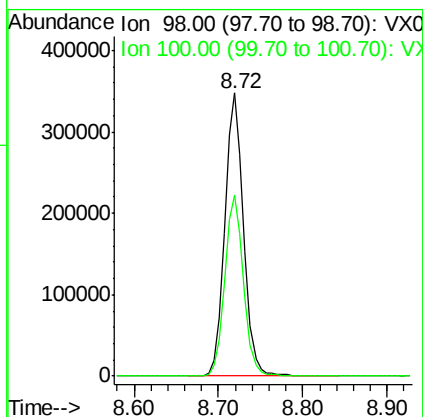
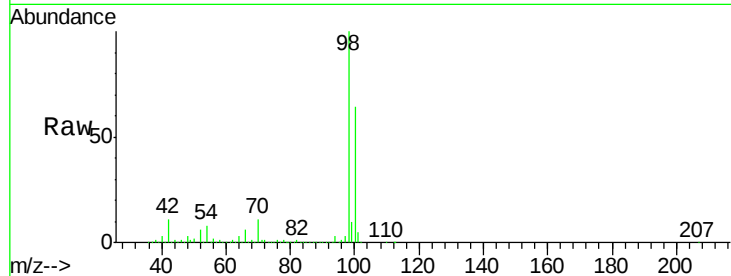




#50
Toluene-d8
Concen: 48.041 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003235.D
Acq: 07 Jul 2018 01:34

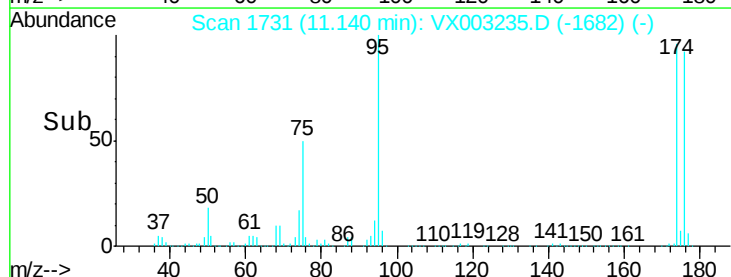
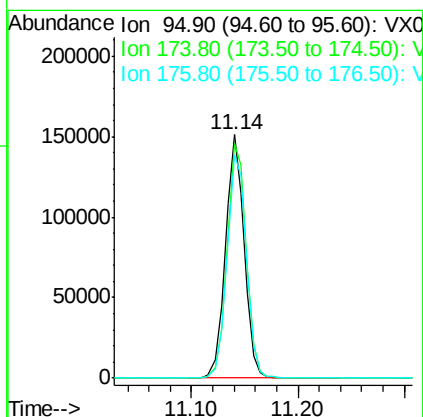
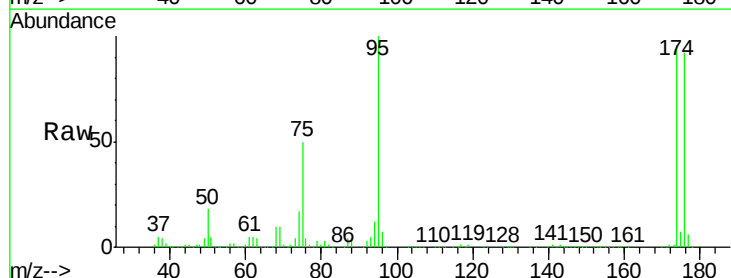
Instrument :
MSVOA_X
ClientSampleId :
MW-4

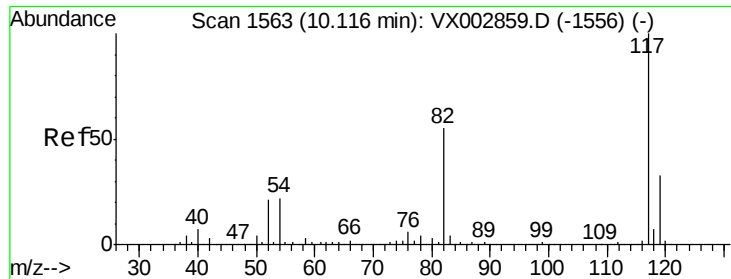
Tot Ion: 98 Resp: 531716
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.320 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003235.D
Acq: 07 Jul 2018 01:34

Tgt Ion: 95 Resp: 184908
Ion Ratio Lower Upper
95 100
174 99.7 0.0 187.4
176 95.3 0.0 181.0

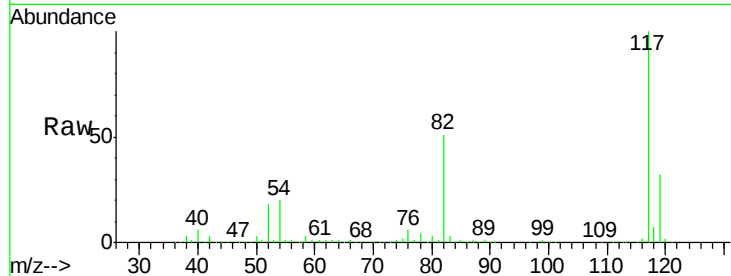




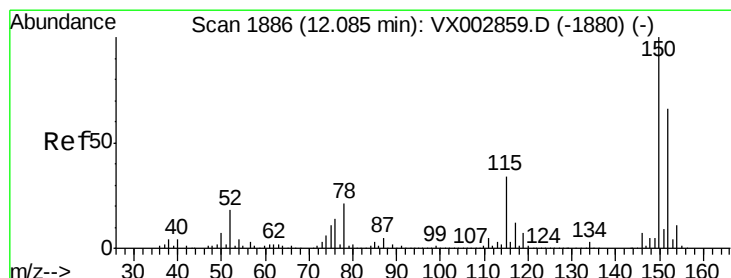
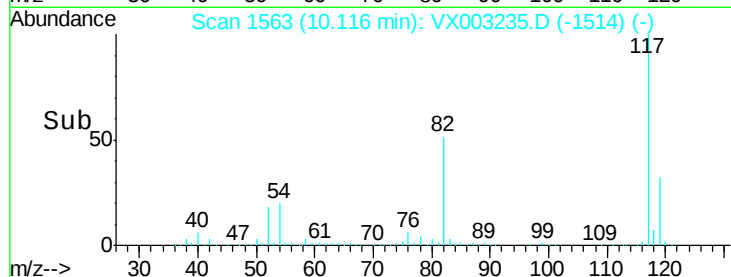
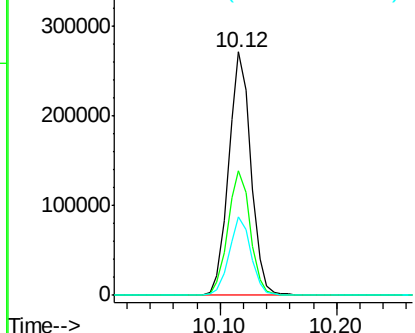
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003235.D
Acq: 07 Jul 2018 01:34

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tot Ion:117 Resp: 358383
Ion Ratio Lower Upper
117 100
82 51.3 45.0 67.4
119 32.5 25.8 38.6

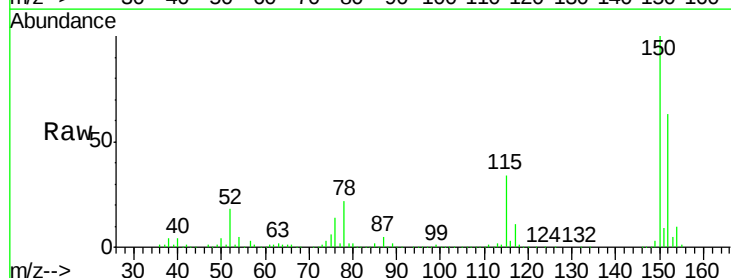


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003235.D
Acq: 07 Jul 2018 01:34

Tgt Ion:152 Resp: 203906
Ion Ratio Lower Upper
152 100
115 53.3 40.1 120.2
150 157.2 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

