

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003232.D
 Acq On : 07 Jul 2018 00:13
 Operator : JC/MD
 Sample : J3878-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jul 09 09:23:15 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	283272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	395397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205625	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	179320	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
35) Dibromofluoromethane	5.51	113	152839	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.72	98	550823	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.14	95	193544	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	

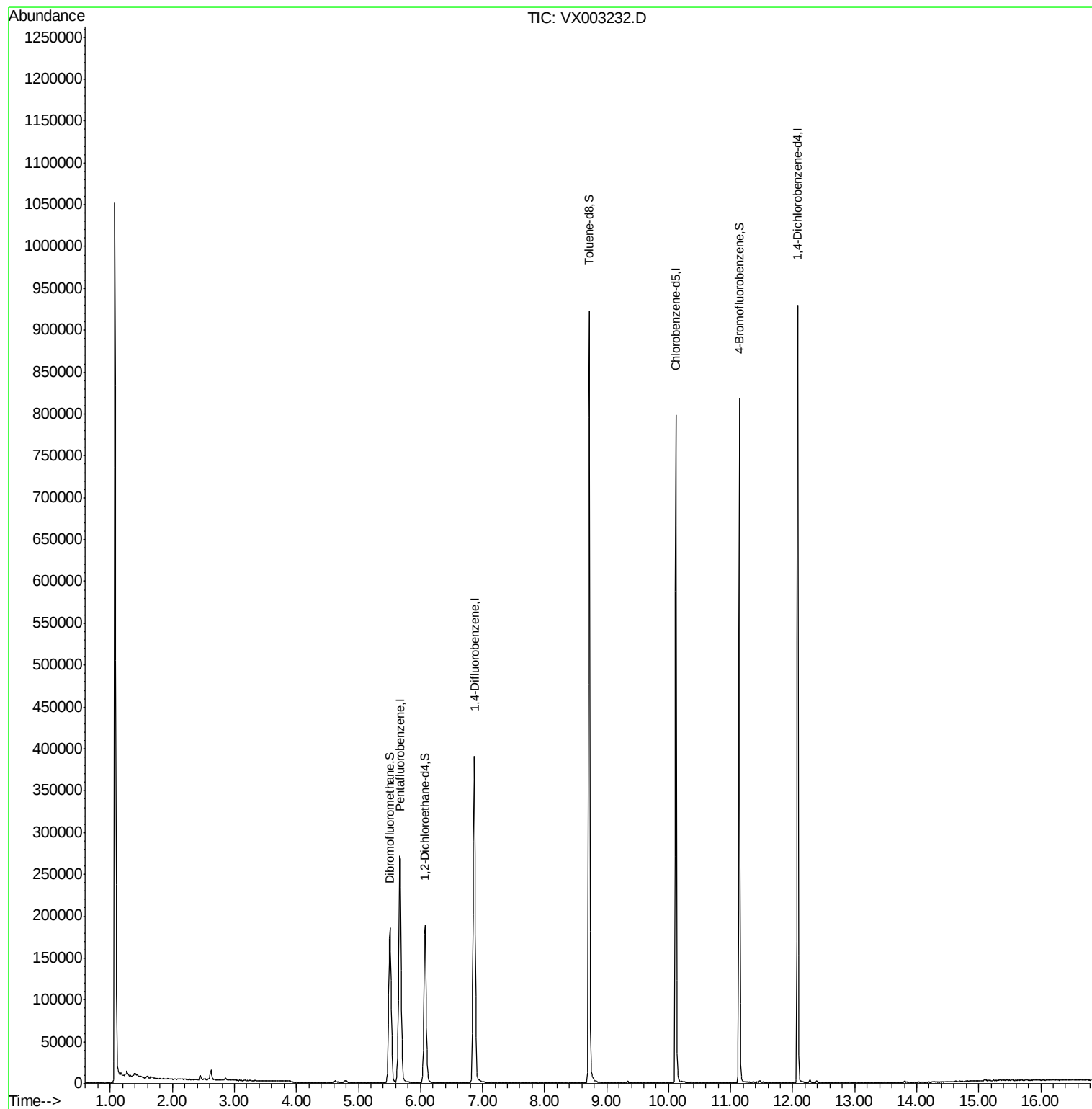
Target Compounds	Qvalue

(#) = 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: VX003232.D

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Instrument :

MSVOA_X

ClientSampleId :

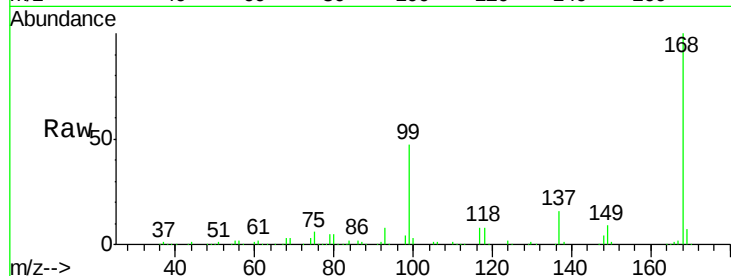
MW-1

Tot Ion:168 Resp: 283272

Ion Ratio Lower Upper

168 100

99 47.0 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

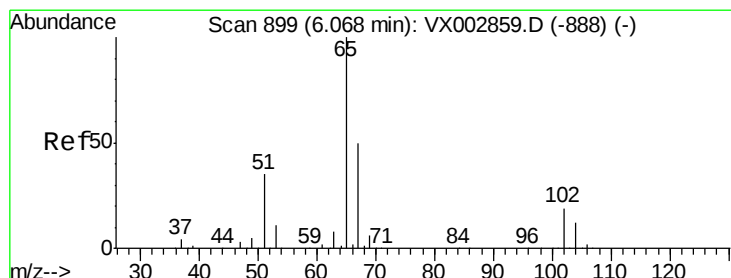
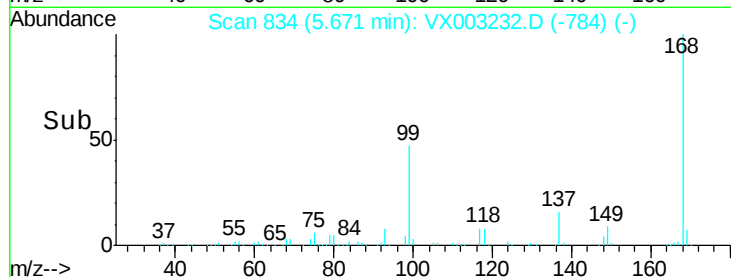
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.799 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003232.D

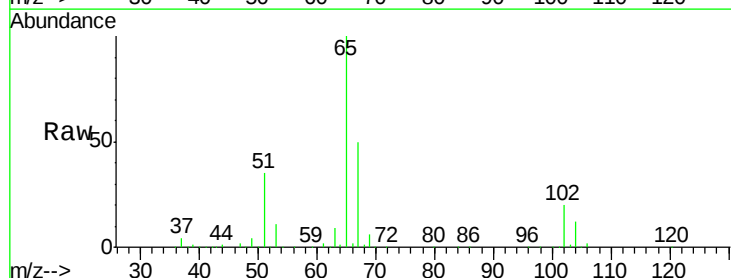
Acq: 07 Jul 2018 00:13

Tgt Ion: 65 Resp: 179320

Ion Ratio Lower Upper

65 100

67 51.8 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

80000

60000

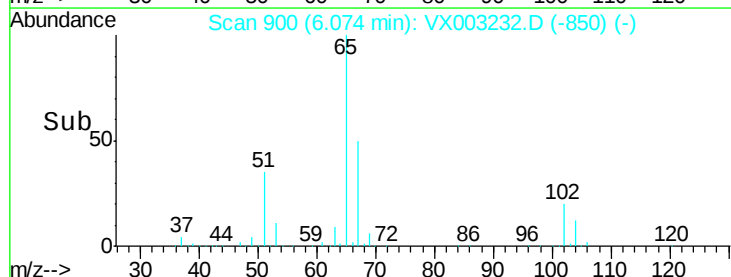
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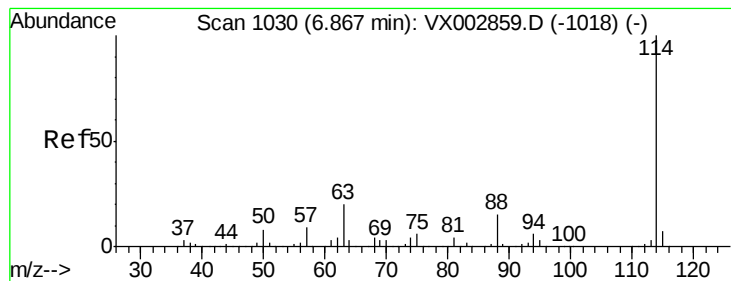
20000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003232.D

Acq: 07 Jul 2018 00:13

Instrument :

MSVOA_X

ClientSampleId :

MW-1

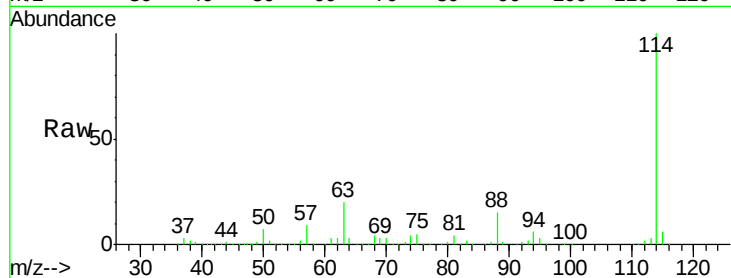
Tot Ion:114 Resp: 395397

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

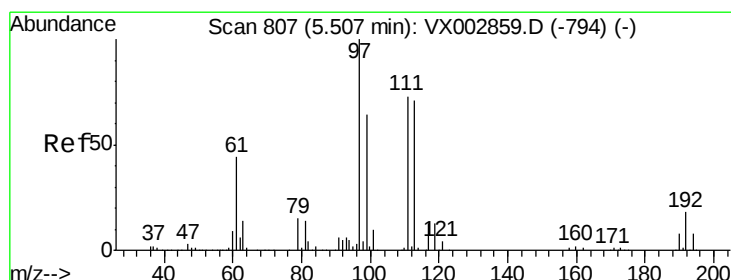
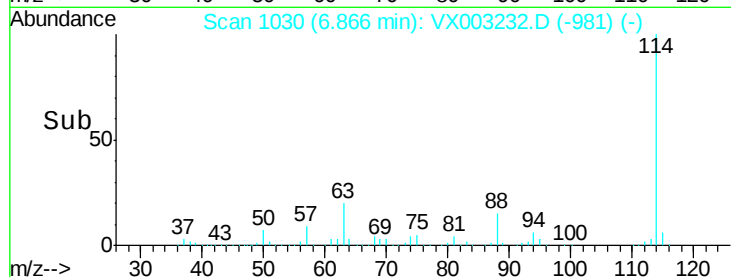
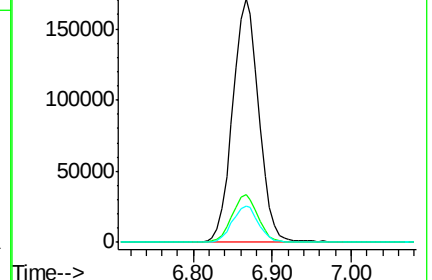
88 14.9 0.0 30.0



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



#35

Dibromofluoromethane

Concen: 48.812 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003232.D

Acq: 07 Jul 2018 00:13

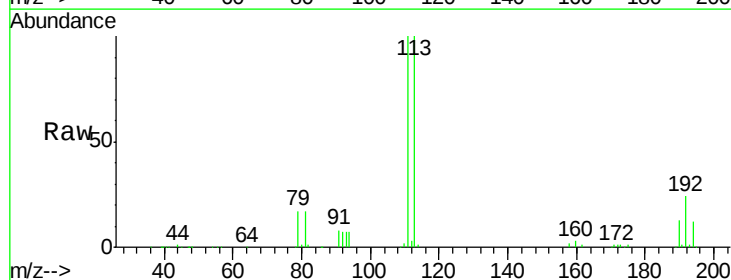
Tgt Ion:113 Resp: 152839

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

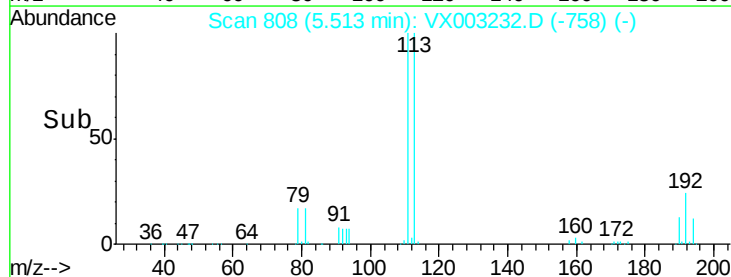
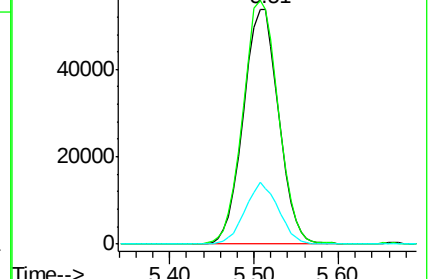
192 24.9 19.1 28.7

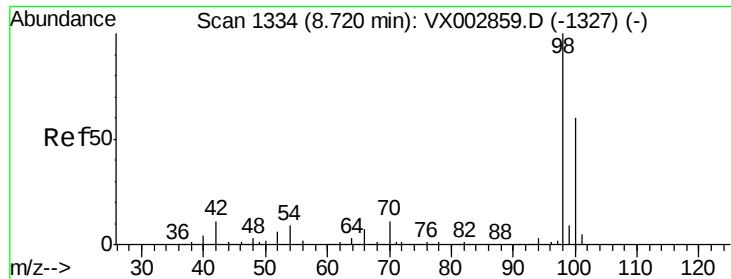


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

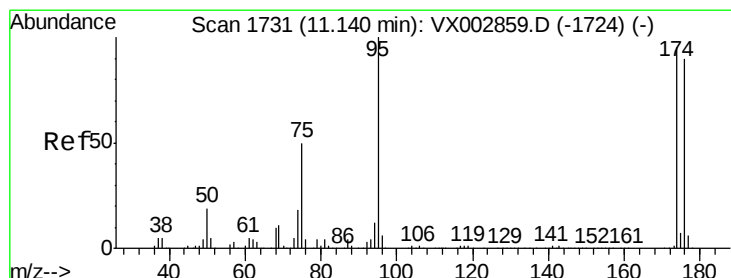
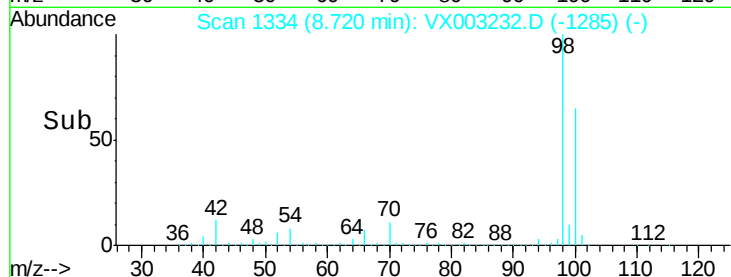
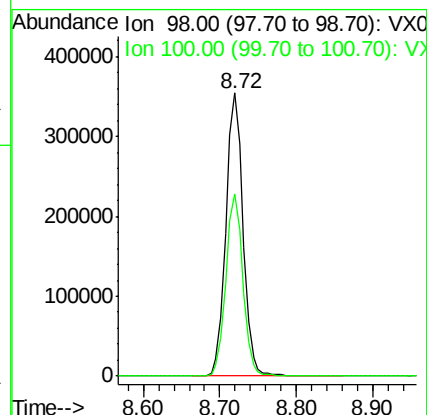
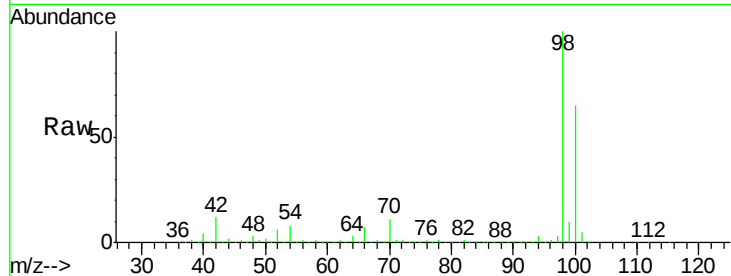




#50
Toluene-d8
Concen: 48.173 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003232.D
Acq: 07 Jul 2018 00:13

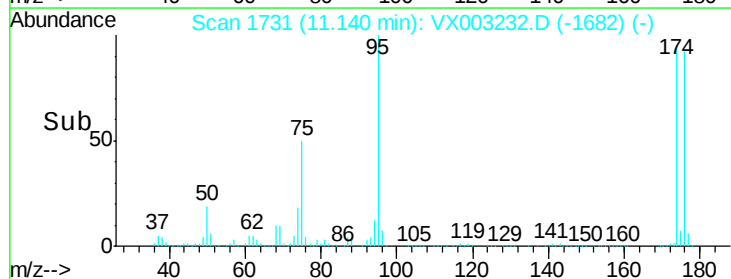
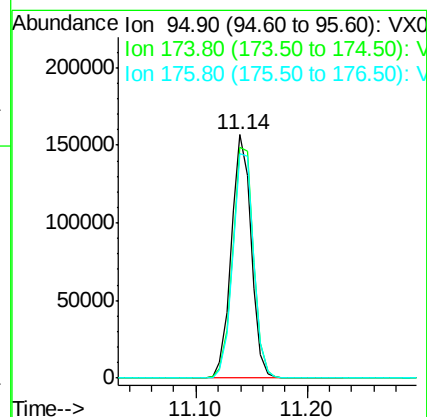
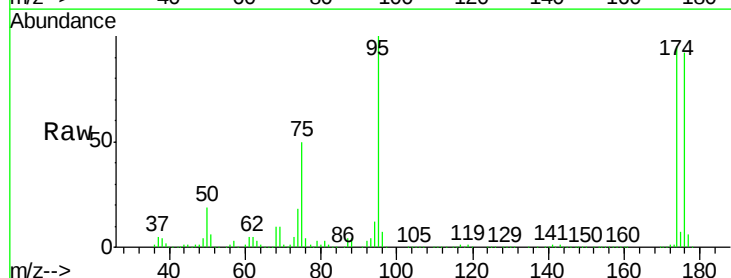
Instrument :
MSVOA_X
ClientSampleId :
MW-1

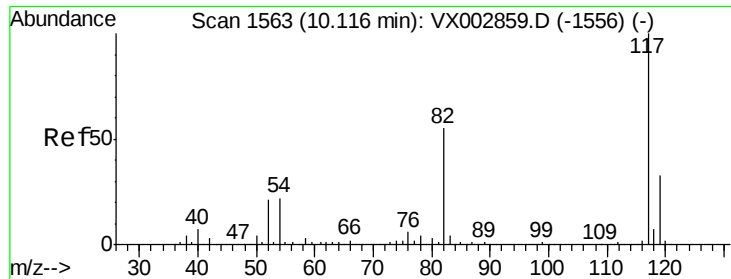
Tot Ion: 98 Resp: 550823
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.890 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003232.D
Acq: 07 Jul 2018 00:13

Tgt Ion: 95 Resp: 193544
Ion Ratio Lower Upper
95 100
174 99.6 0.0 187.4
176 96.6 0.0 181.0

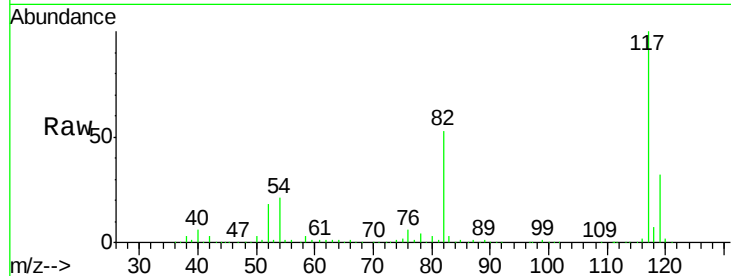




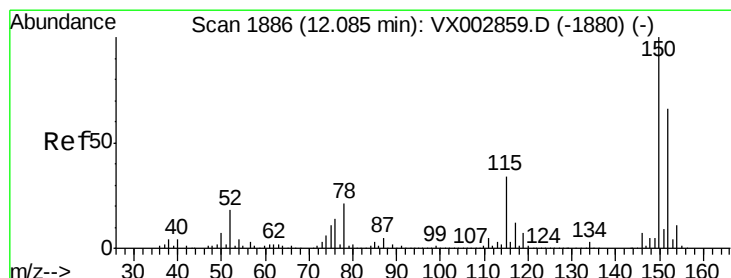
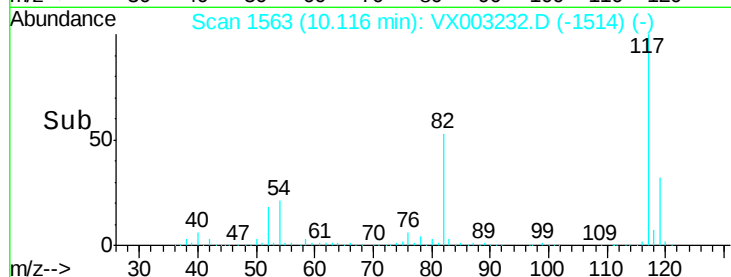
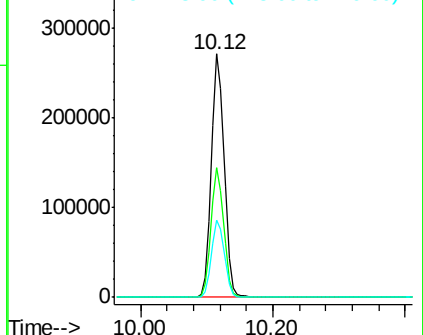
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003232.D
Acq: 07 Jul 2018 00:13

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tot Ion:117 Resp: 365624
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 31.8 25.8 38.6

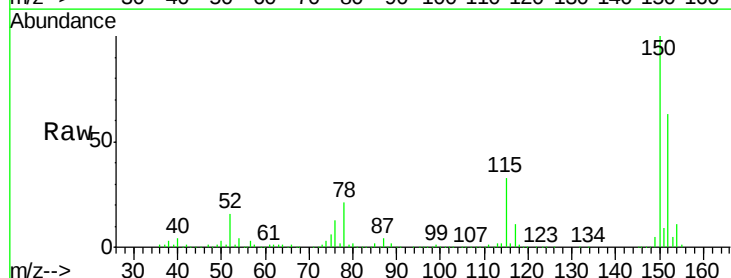


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003232.D
Acq: 07 Jul 2018 00:13

Tgt Ion:152 Resp: 205625
Ion Ratio Lower Upper
152 100
115 53.9 40.1 120.2
150 157.8 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

