

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003072.D
 Acq On : 30 Jun 2018 11:51
 Operator : JC/MD
 Sample : VX0630WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBL01

Quant Time: Jul 02 03:14:31 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	291574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	373564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200978	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190101	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	5.50	113	156651	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.72	98	567912	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.14	95	195754	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	

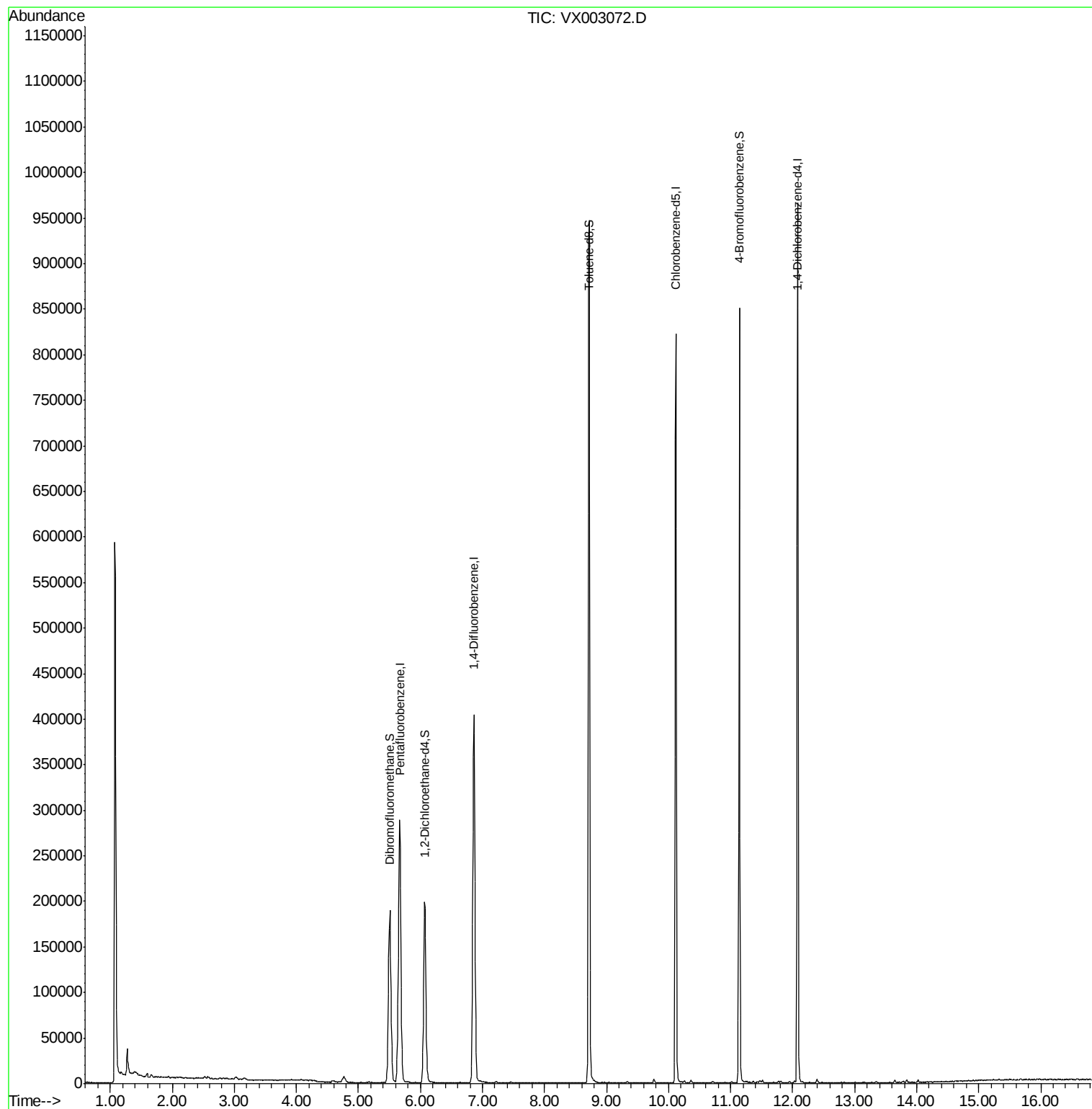
Target Compounds	Qvalue

(#) = 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: VX003072.D

Acq: 30 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

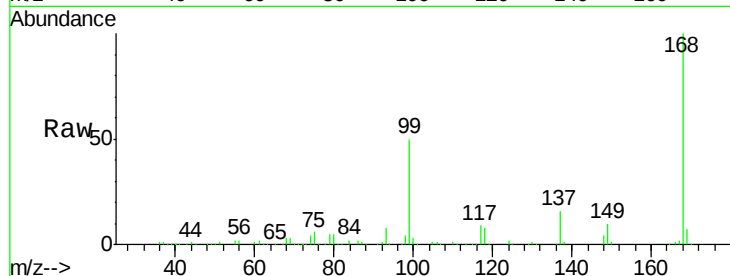
VX0630WBL01

Tot Ion:168 Resp: 291574

Ion Ratio Lower Upper

168 100

99 50.3 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

120000

100000

80000

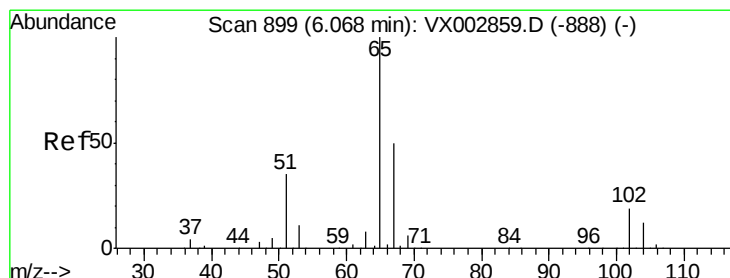
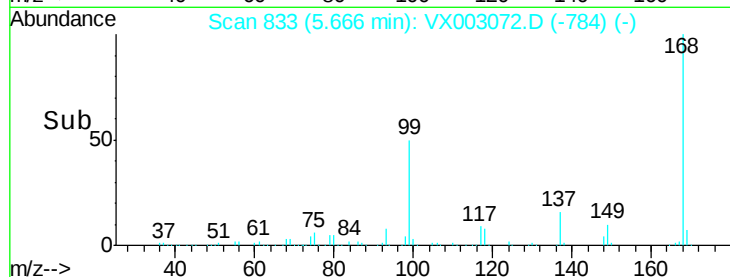
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.17 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003072.D

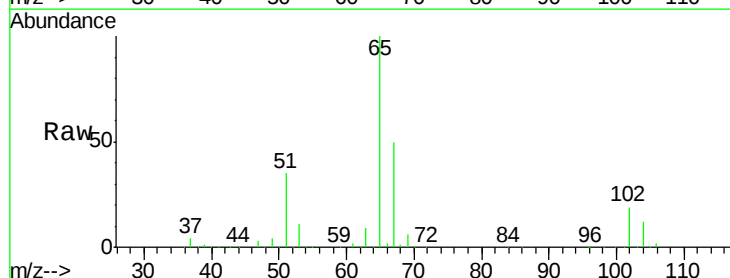
Acq: 30 Jun 2018 11:51

Tgt Ion: 65 Resp: 190101

Ion Ratio Lower Upper

65 100

67 51.4 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

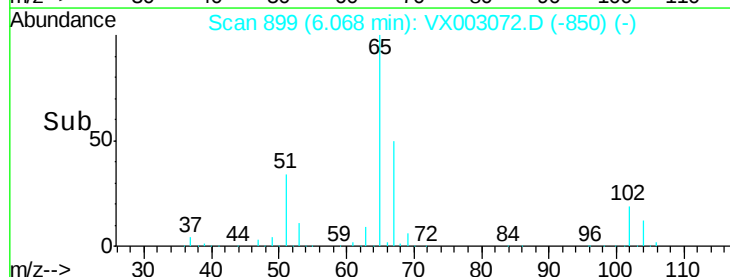
60000

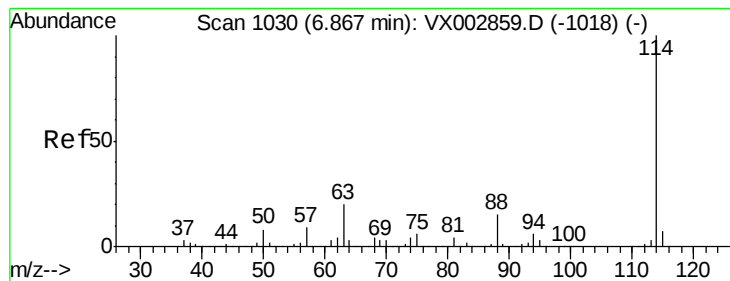
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003072.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0630WBL01

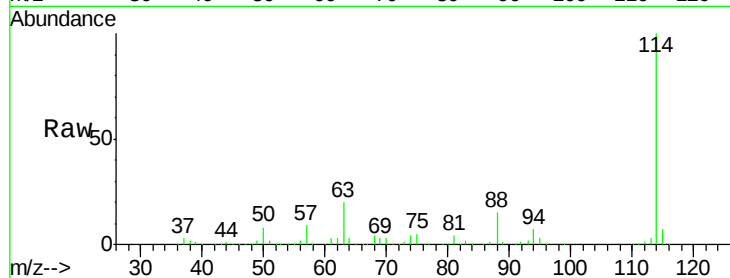
Tot Ion:114 Resp: 407181

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

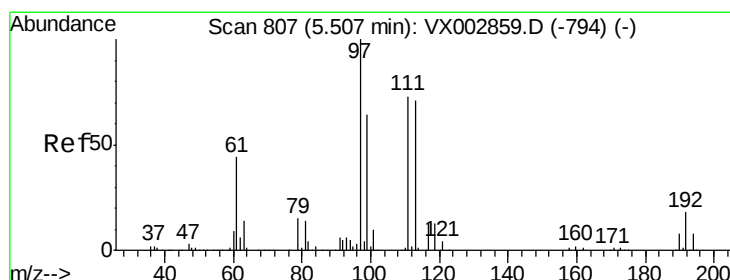
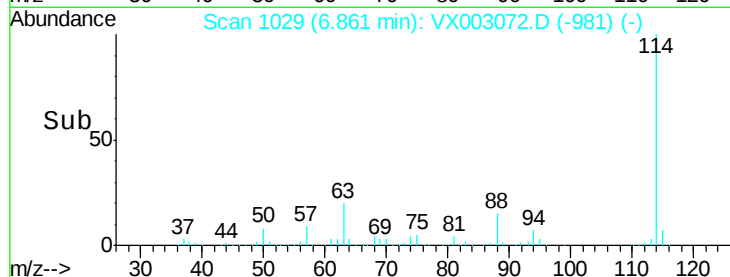
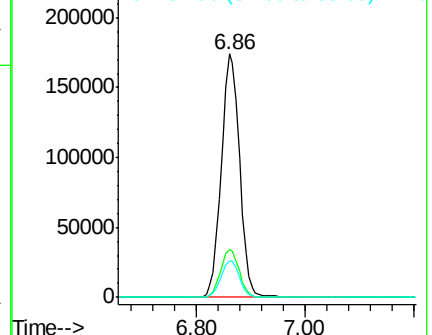
88 15.0 0.0 30.0



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: 48.58 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003072.D

Acq: 30 Jun 2018 11:51

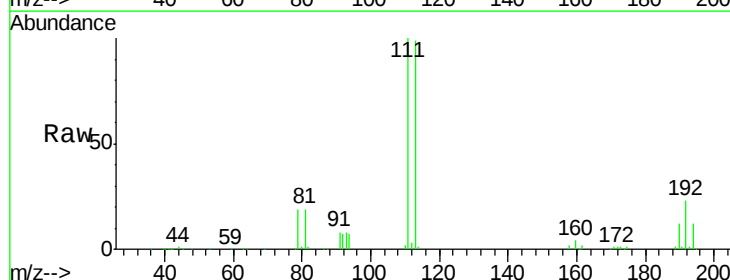
Tgt Ion:113 Resp: 156651

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

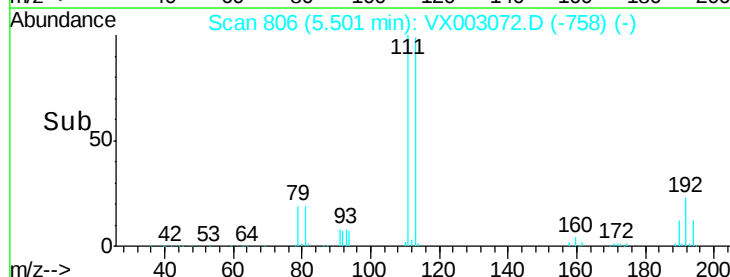
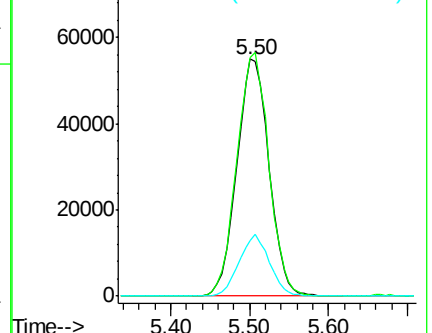
192 24.5 19.1 28.7

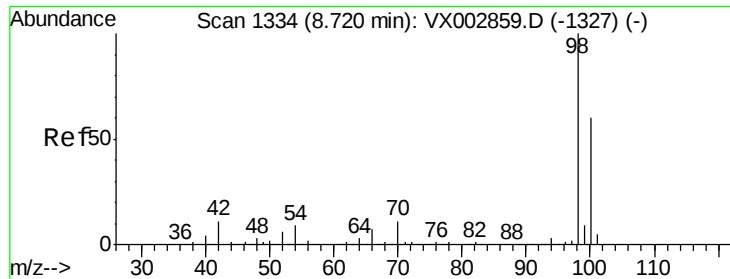


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

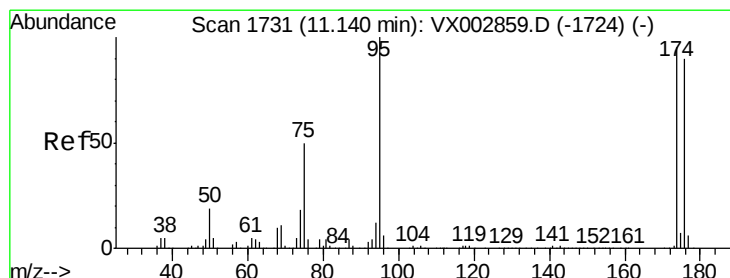
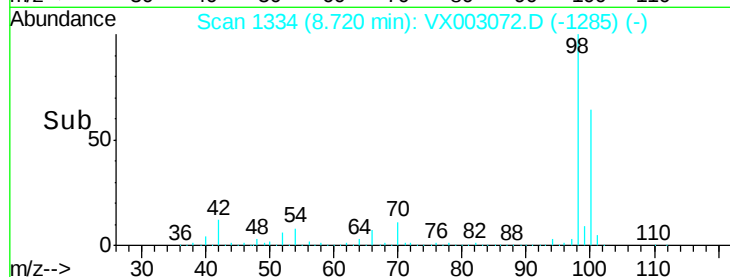
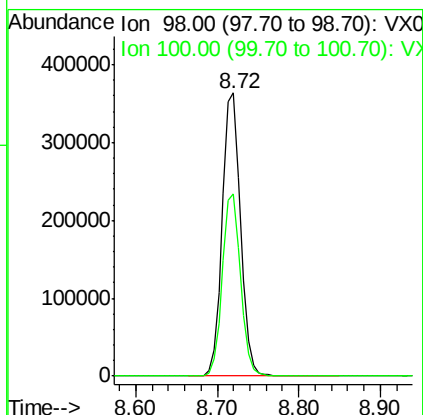
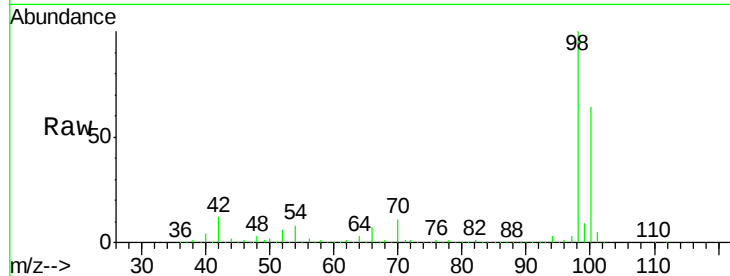




#50
Toluene-d8
Concen: 48.23 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003072.D
Acq: 30 Jun 2018 11:51

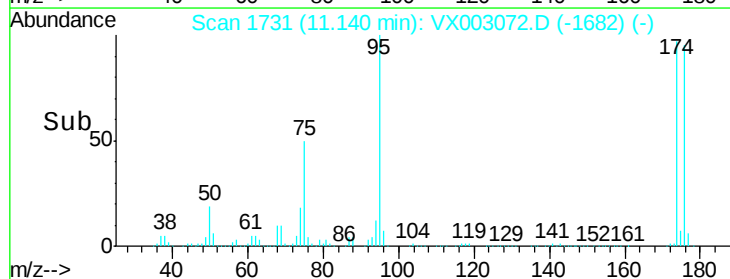
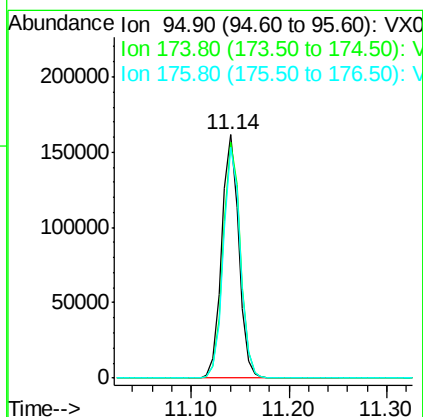
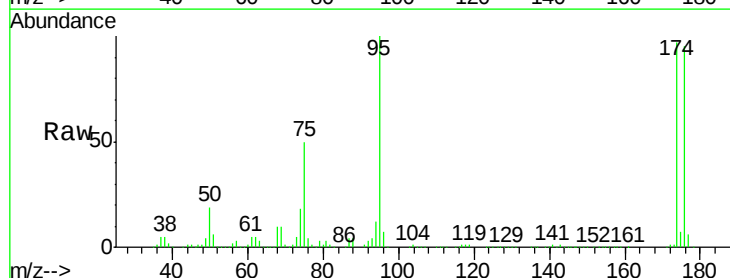
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

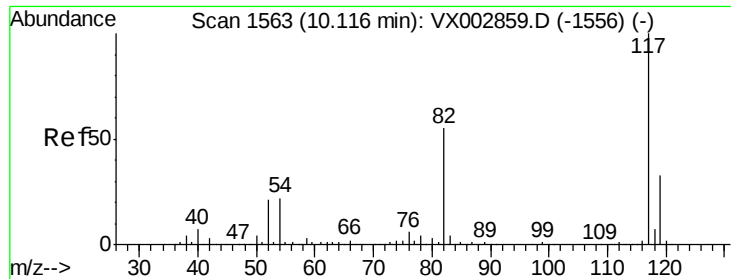
Tot Ion: 98 Resp: 567912
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.11 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003072.D
Acq: 30 Jun 2018 11:51

Tgt Ion: 95 Resp: 195754
Ion Ratio Lower Upper
95 100
174 98.0 0.0 187.4
176 94.5 0.0 181.0

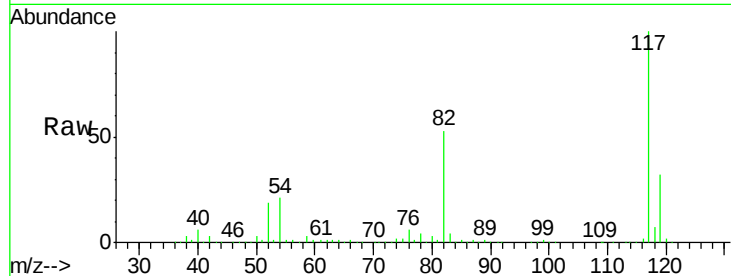




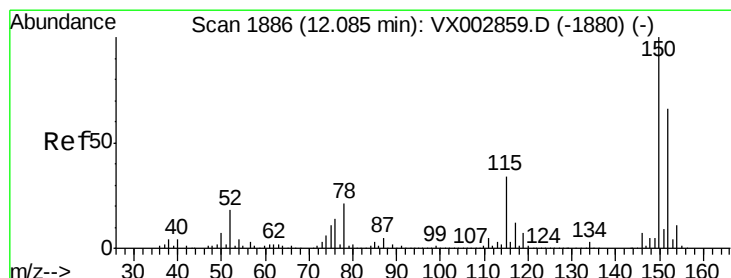
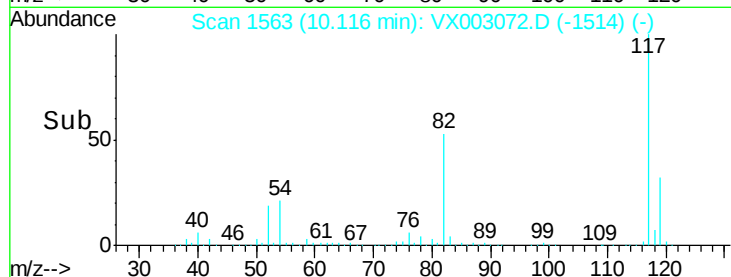
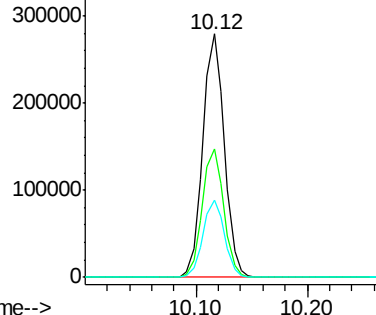
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003072.D
Acq: 30 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

Tot Ion:117 Resp: 373564
Ion Ratio Lower Upper
117 100
82 52.6 45.0 67.4
119 31.9 25.8 38.6

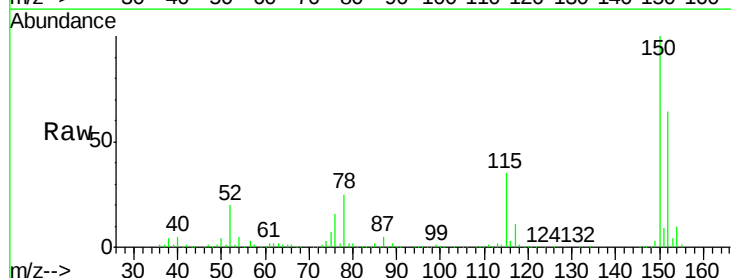


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003072.D
Acq: 30 Jun 2018 11:51

Tgt Ion:152 Resp: 200978
Ion Ratio Lower Upper
152 100
115 53.4 40.1 120.2
150 157.7 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

