

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
 Data File : VX010338.D
 Acq On : 18 Jun 2019 13:16
 Operator : JC/SP
 Sample : K3427-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-190617

Quant Time: Jun 19 01:37:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

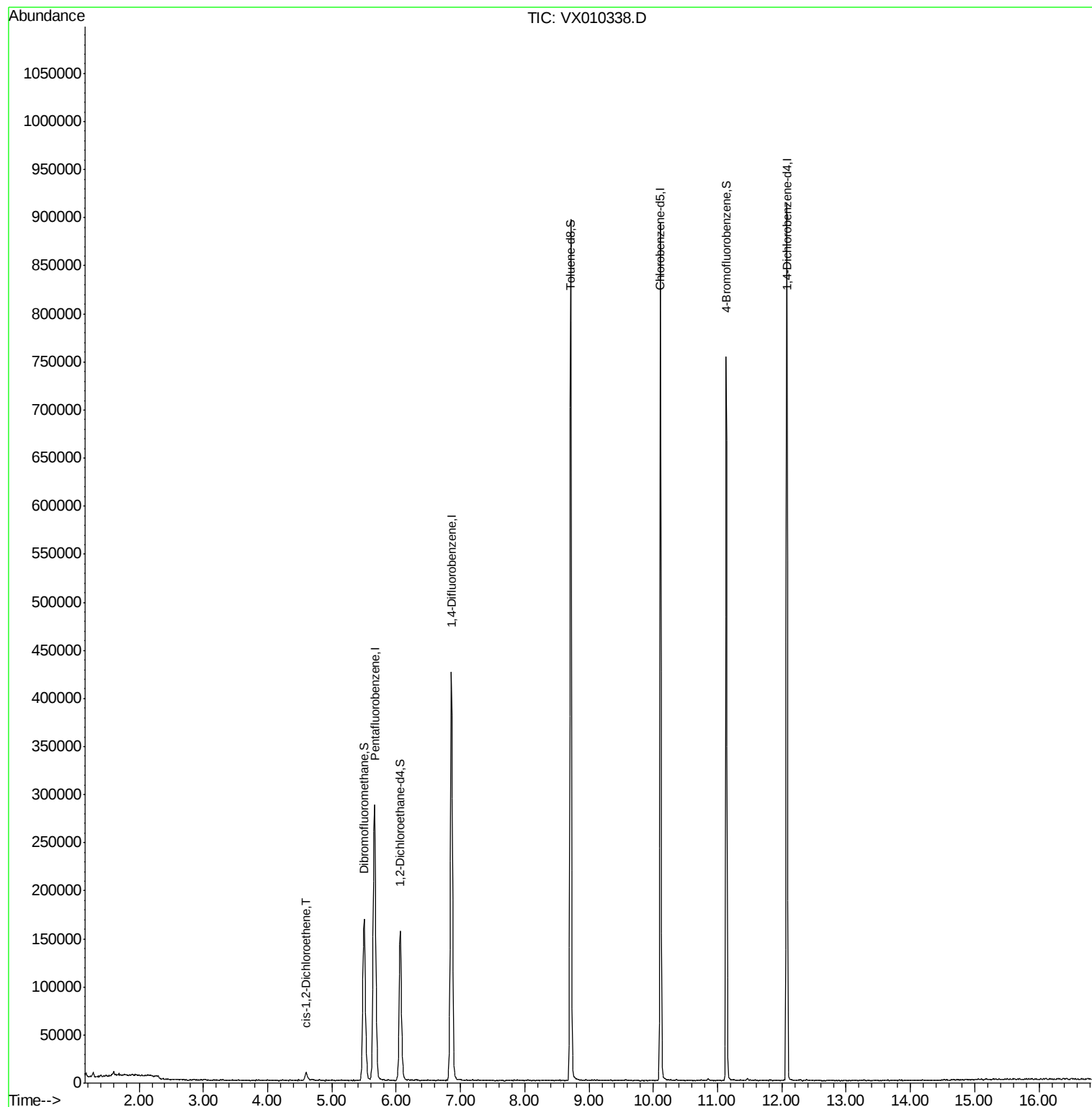
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	427723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140406	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	5.50	113	142684	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	8.71	98	548014	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	188351	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	5527	1.616	ug/l	Qvalue 68

(#) = 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# 740

Delta R.T. -0.00 min

Lab File: VX010338.D

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MSVOA_X

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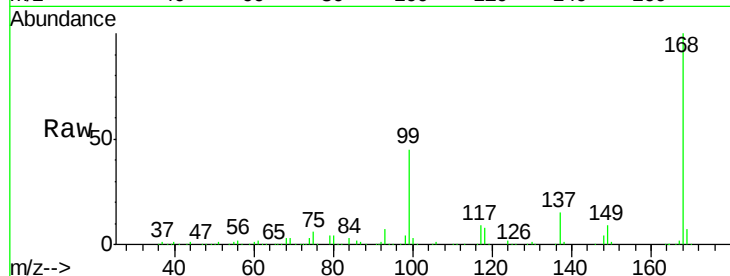
KY038PS038-190617

Tot Ion:168 Resp: 309238

Ion Ratio Lower Upper

168 100

99 45.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

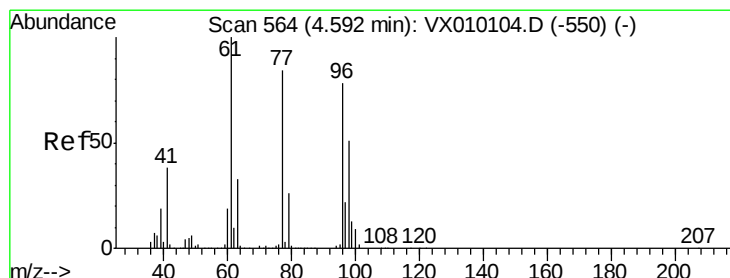
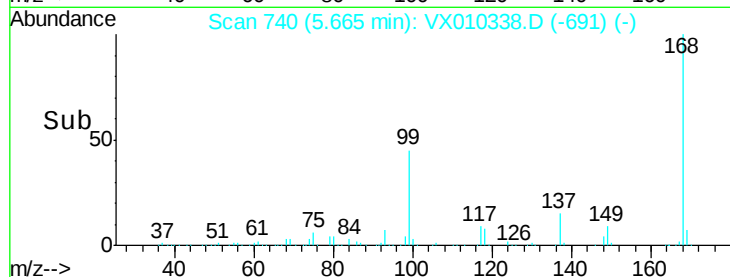
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.616 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX010338.D

Acq: 18 Jun 2019 13:16

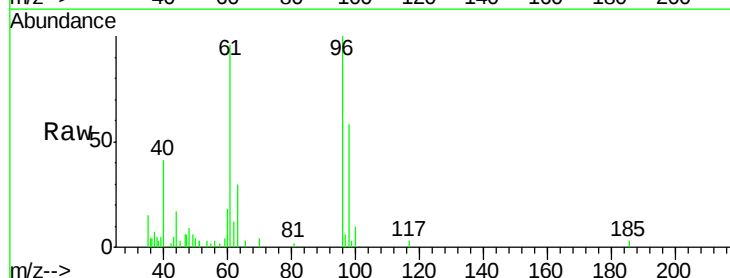
Tgt Ion: 96 Resp: 5527

Ion Ratio Lower Upper

96 100

61 108.4 0.0 334.0

98 64.4 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

3000

2500

2000

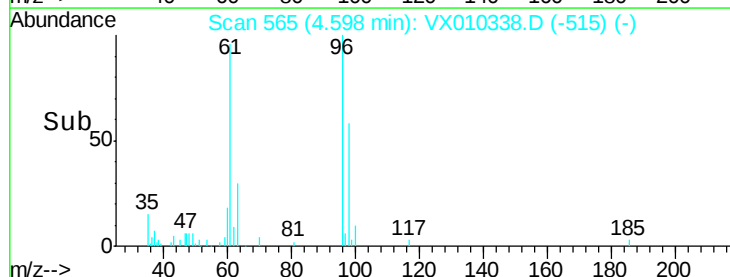
1500

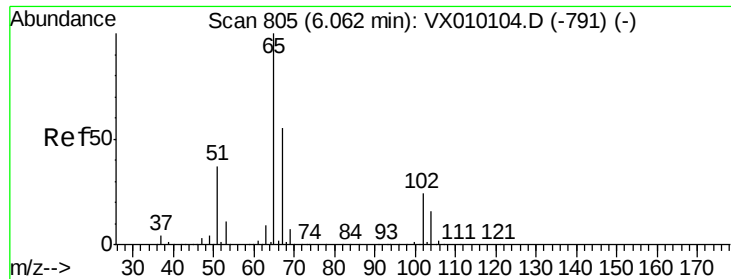
1000

500

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 46.515 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010338.D

Acq: 18 Jun 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

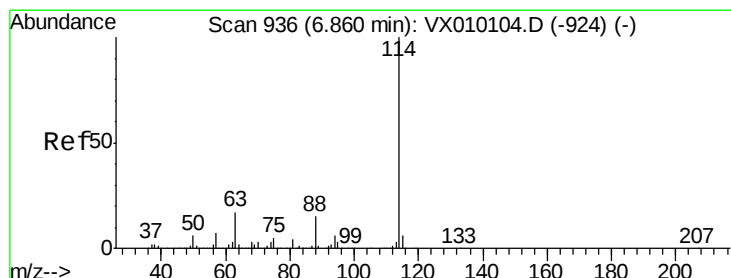
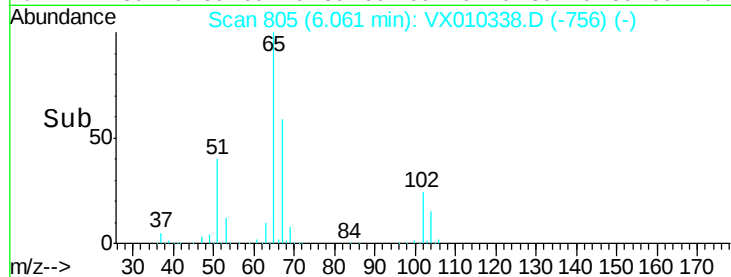
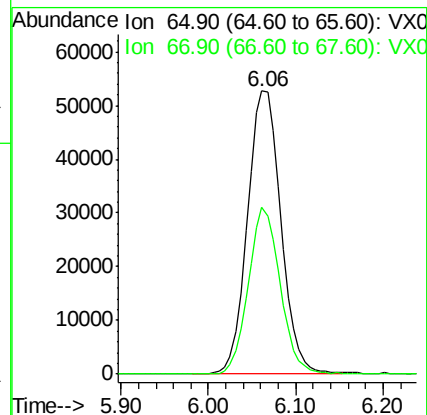
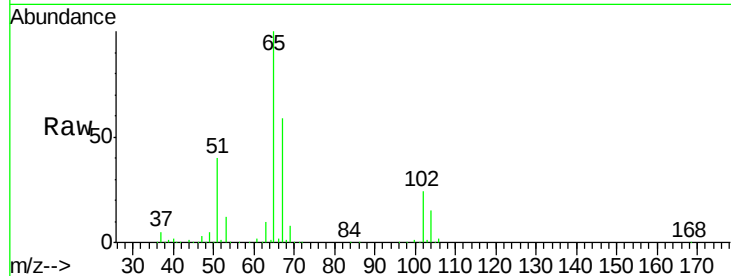
KY038PS038-190617

Tot Ion: 65 Resp: 140406

Ion Ratio Lower Upper

65 100

67 56.0 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010338.D

Acq: 18 Jun 2019 13:16

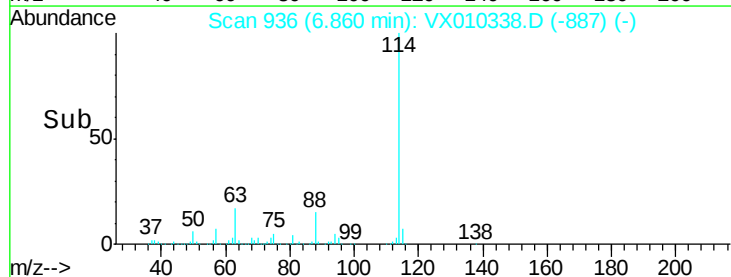
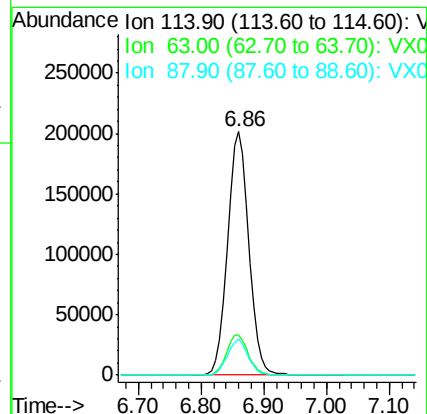
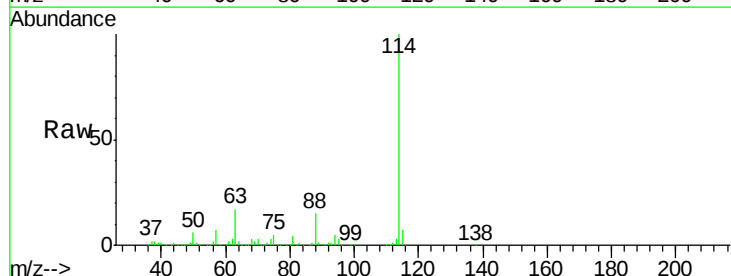
Tgt Ion: 114 Resp: 472098

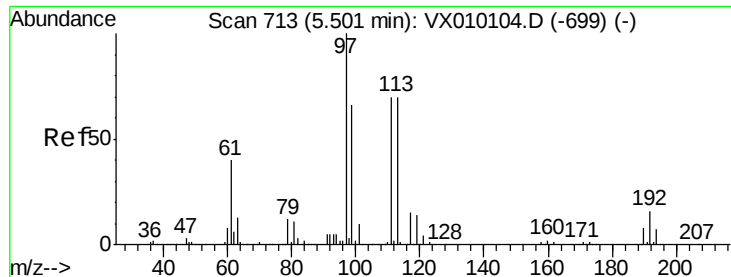
Ion Ratio Lower Upper

114 100

63 16.7 0.0 47.4

88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.998 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010338.D

Acq: 18 Jun 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-190617

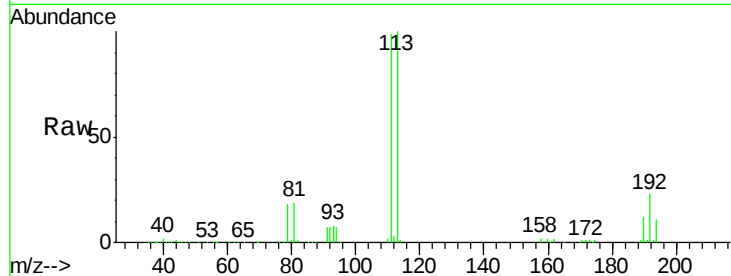
Tot Ion:113 Resp: 142684

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

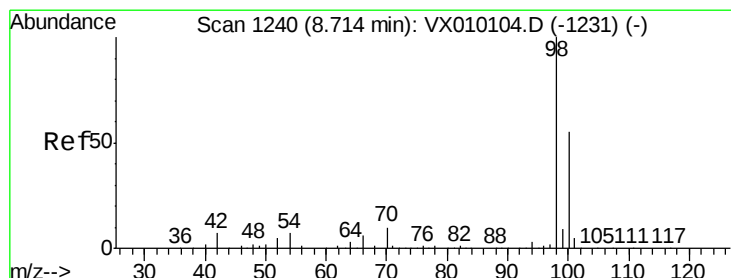
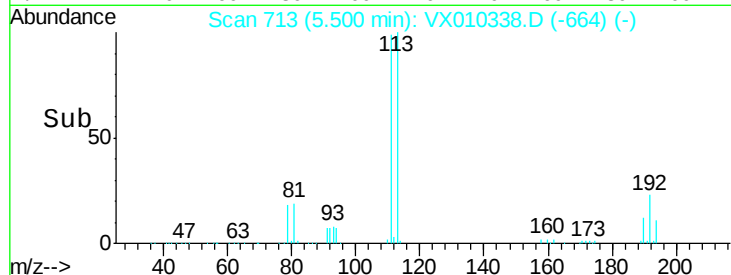
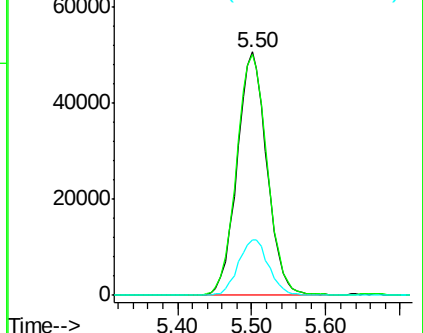
192 23.2 17.1 25.7



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: 50.213 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010338.D

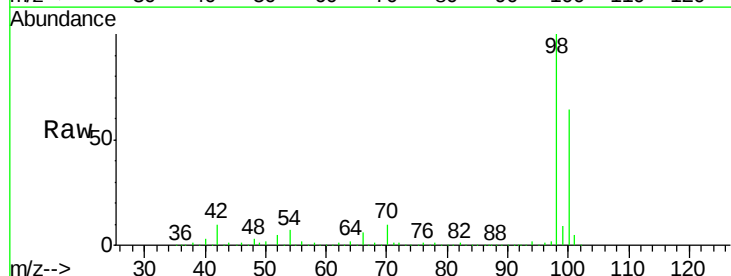
Acq: 18 Jun 2019 13:16

Tgt Ion: 98 Resp: 548014

Ion Ratio Lower Upper

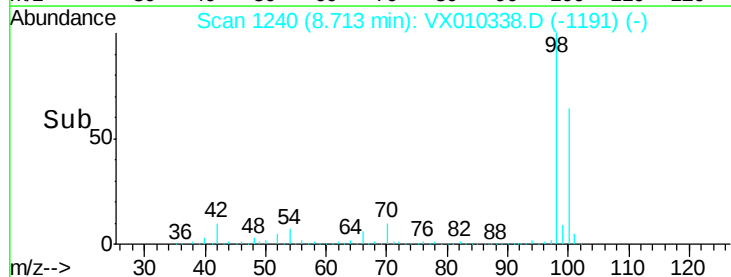
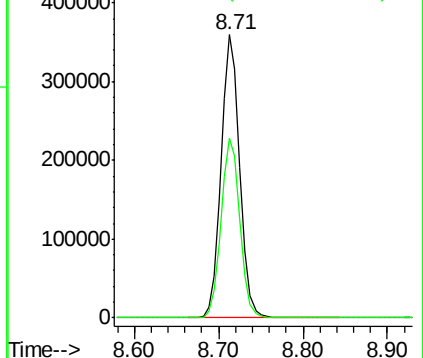
98 100

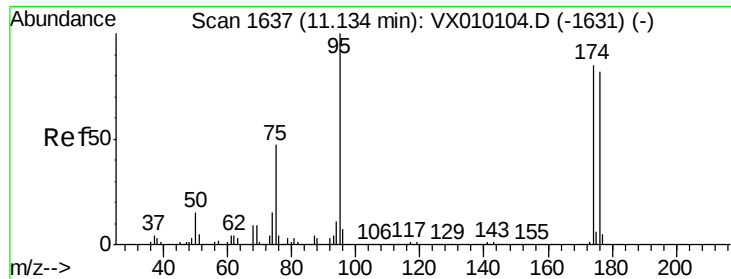
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

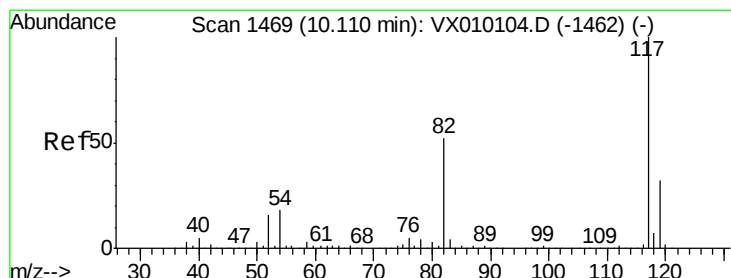
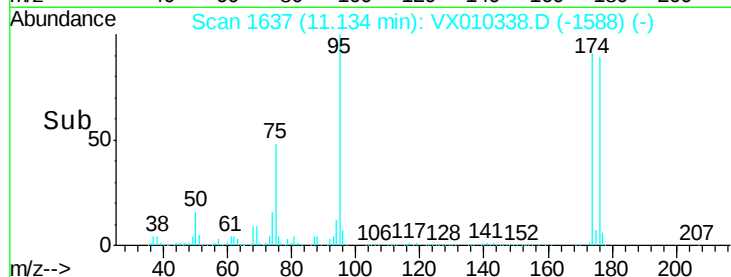
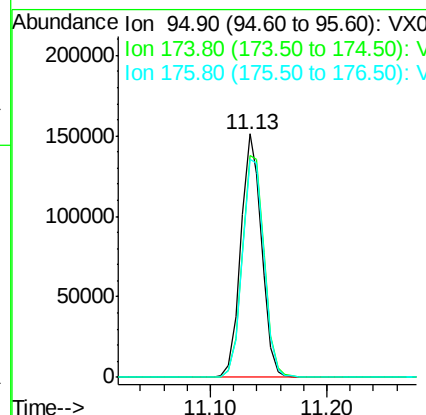
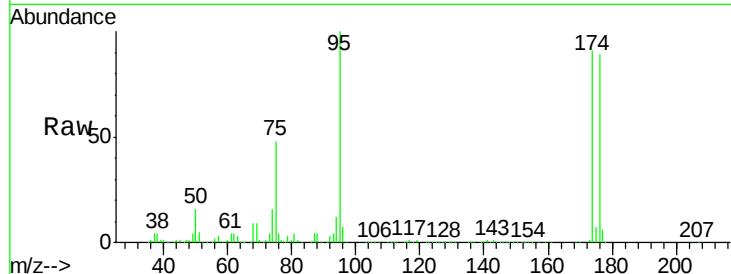




#62
4-Bromofluorobenzene
Concen: 46.212 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010338.D
Acq: 18 Jun 2019 13:16

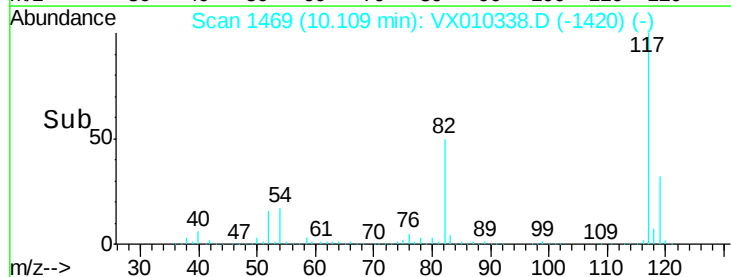
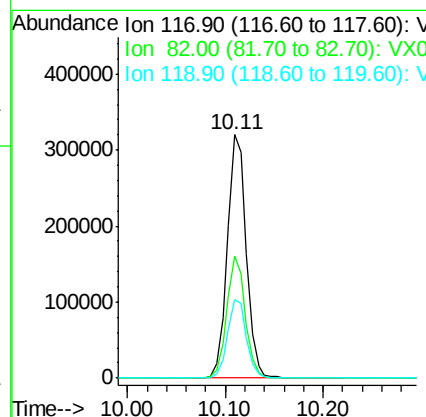
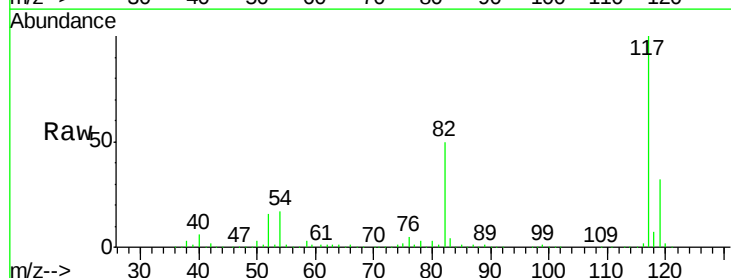
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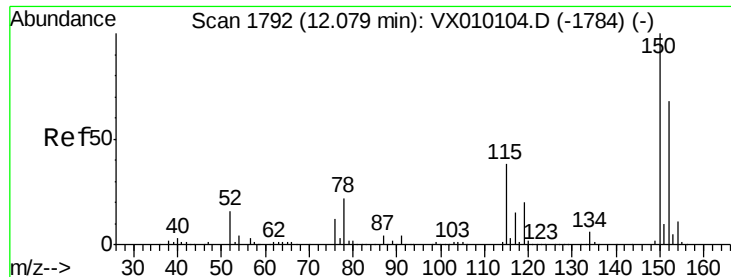
Tot Ion: 95 Resp: 188351
Ion Ratio Lower Upper
95 100
174 95.6 0.0 160.4
176 93.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010338.D
Acq: 18 Jun 2019 13:16

Tgt Ion: 117 Resp: 427723
Ion Ratio Lower Upper
117 100
82 50.2 49.2 73.8
119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010338.D

Acq: 18 Jun 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-190617

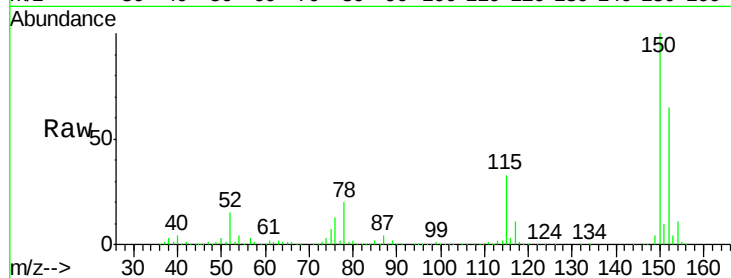
Tot Ion:152 Resp: 203653

Ion Ratio Lower Upper

152 100

115 53.1 41.4 124.2

150 157.3 0.0 345.2



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

