

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010298.D
 Acq On : 14 Jun 2019 14:19
 Operator : JC/SP
 Sample : K3315-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20190611

Quant Time: Jun 15 01:44:31 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

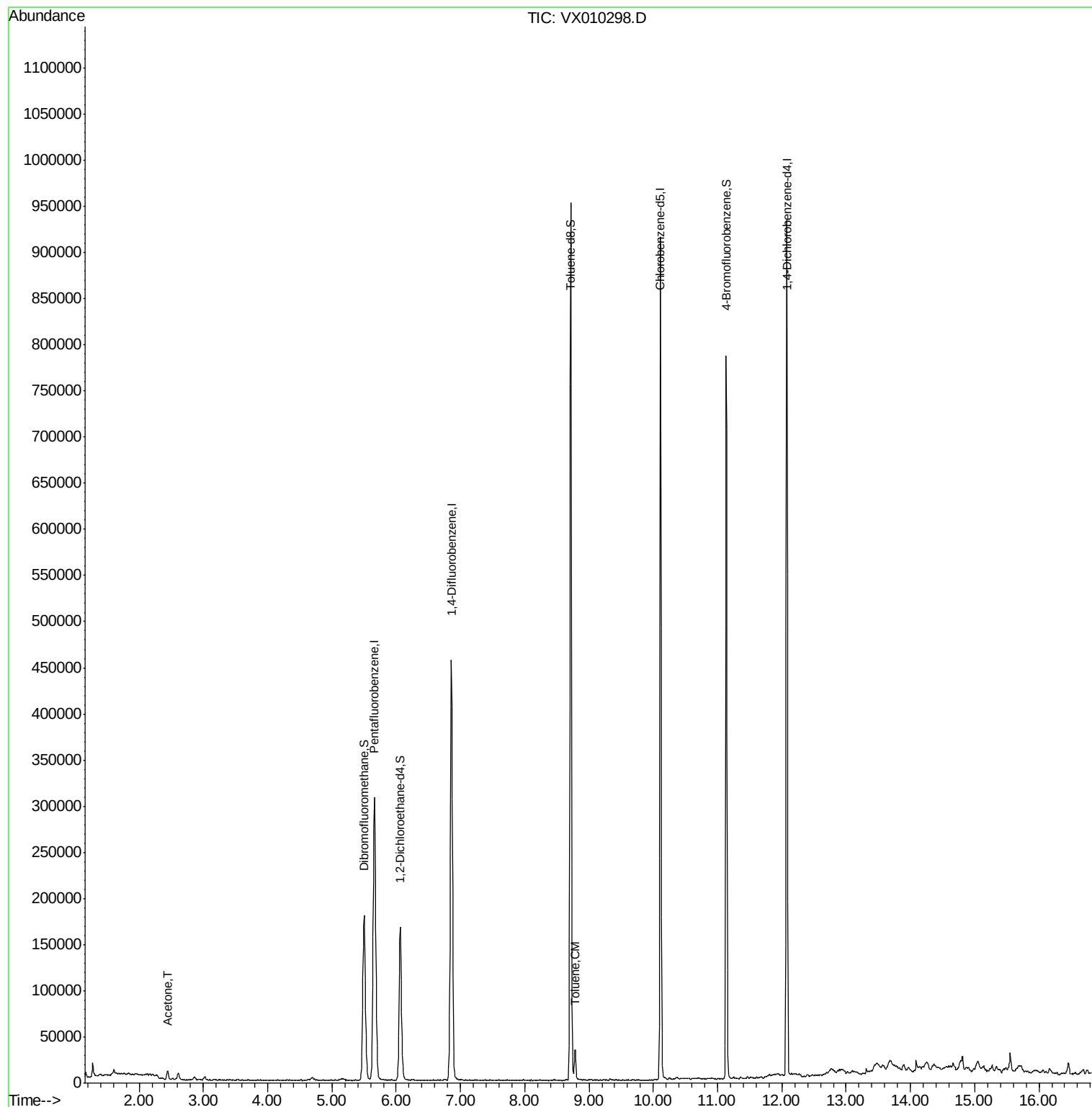
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	330858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	501760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	447964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151164	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	5.50	113	151387	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	589305	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.13	95	199365	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
Target Compounds						
16) Acetone	2.45	43	10886	7.167	ug/l #	82
52) Toluene	8.79	92	12014	1.444	ug/l	99

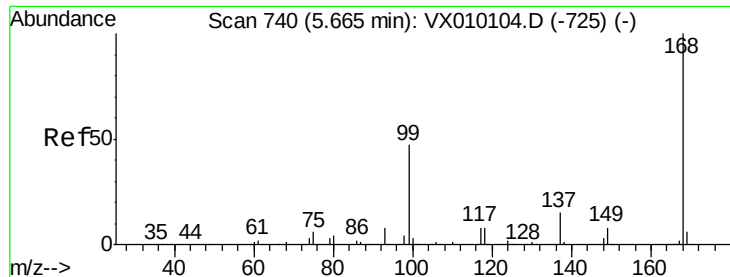
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010298.D

Acq: 14 Jun 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

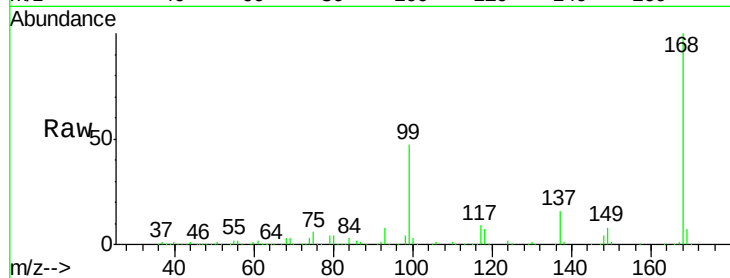
EB02-20190611

Tot Ion:168 Resp: 330858

Ion Ratio Lower Upper

168 100

99 46.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

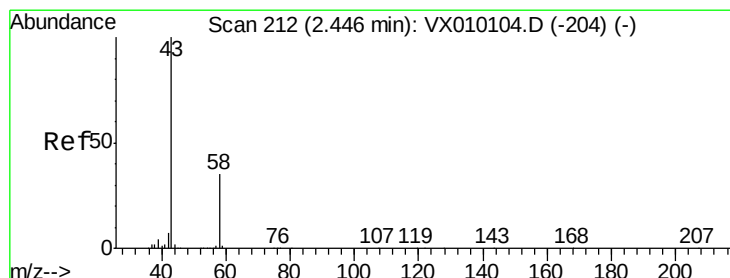
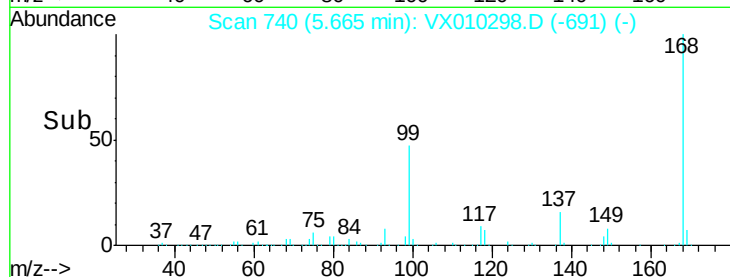
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.167 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010298.D

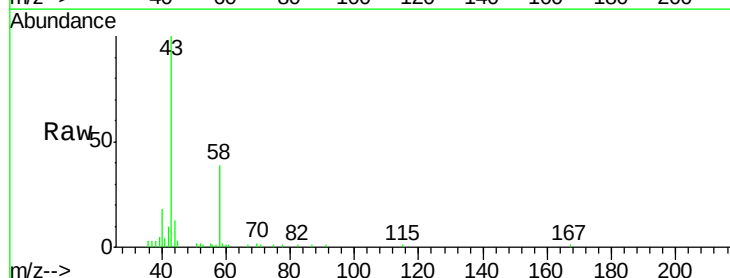
Acq: 14 Jun 2019 14:19

Tgt Ion: 43 Resp: 10886

Ion Ratio Lower Upper

43 100

58 38.4 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

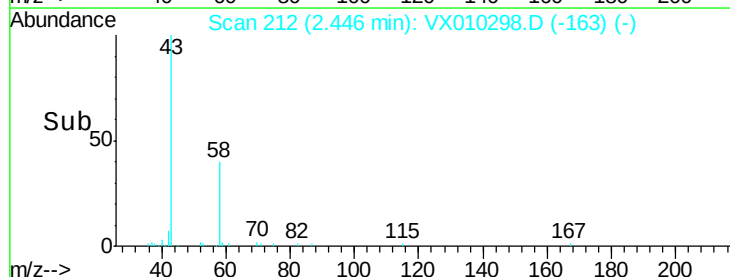
6000

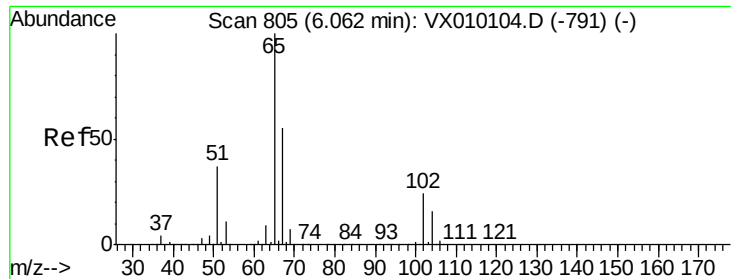
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

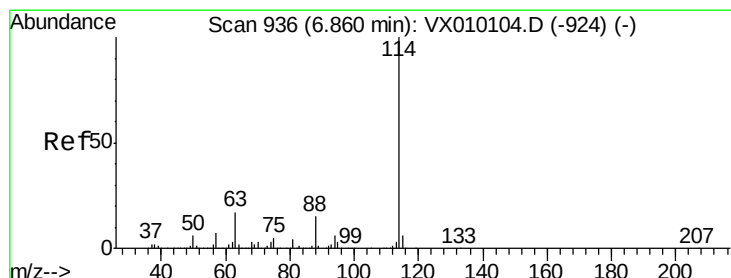
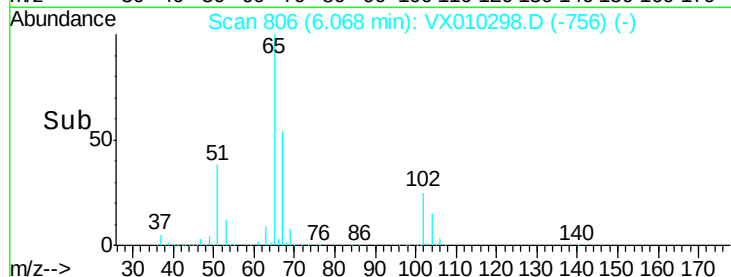
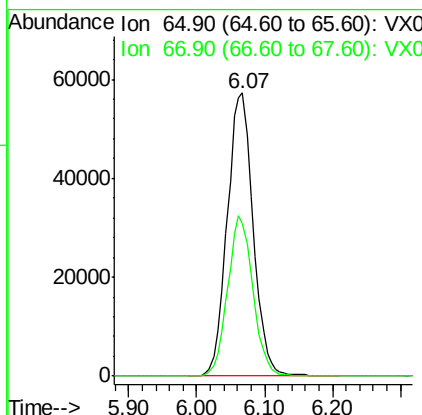
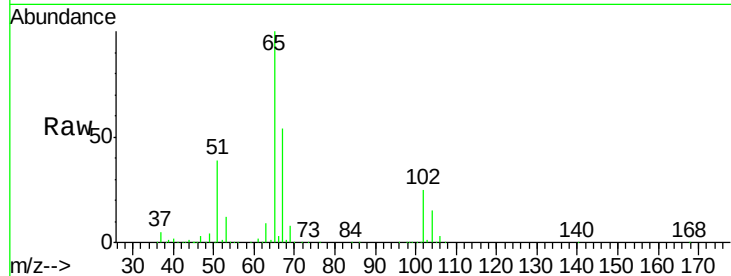




#33
 1,2-Dichloroethane-d4
 Concen: 46.807 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010298.D
 Acq: 14 Jun 2019 14:19

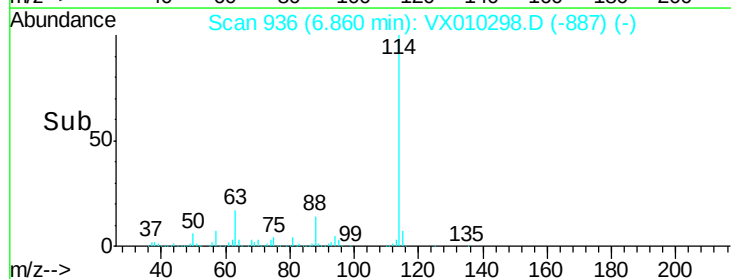
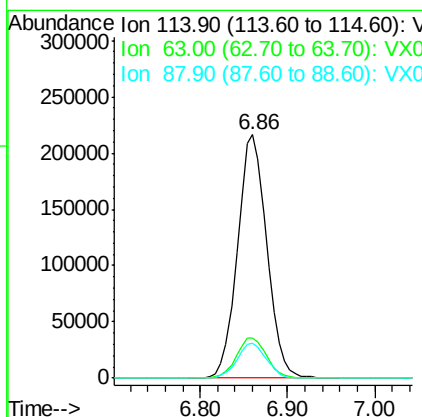
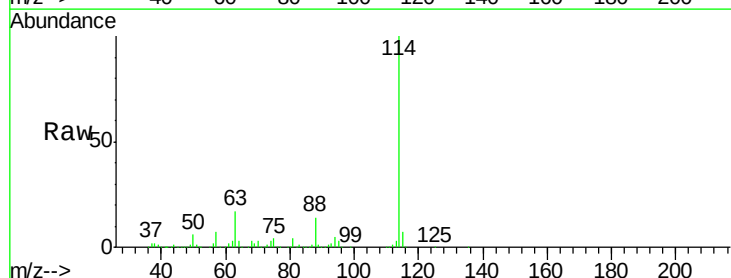
Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20190611

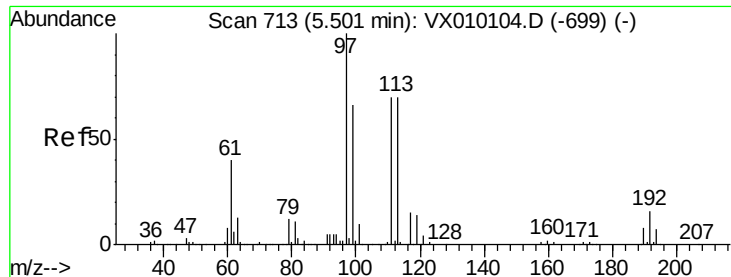
Tot Ion: 65 Resp: 151164
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010298.D
 Acq: 14 Jun 2019 14:19

Tgt Ion: 114 Resp: 501760
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 47.4
 88 14.4 0.0 33.0

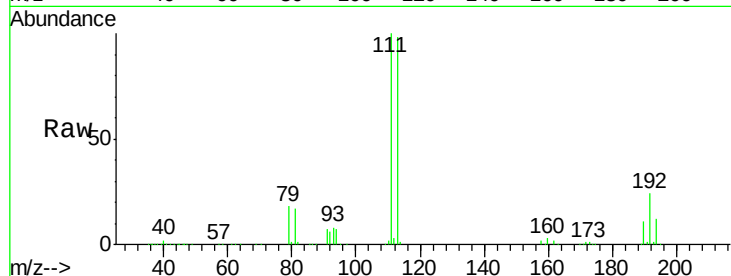




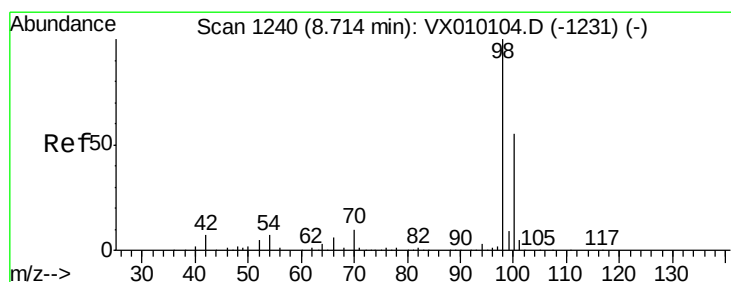
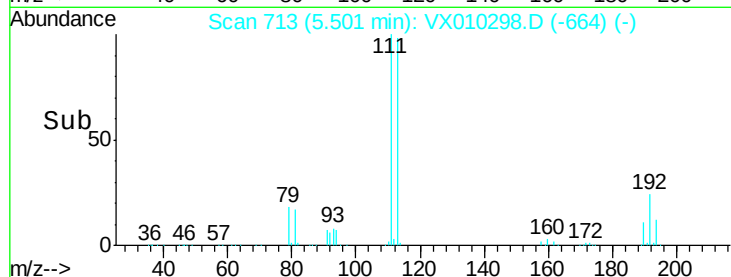
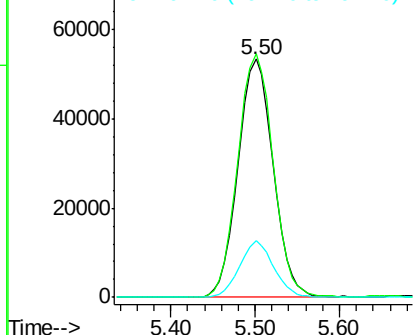
#35
Dibromofluoromethane
Concen: 48.914 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010298.D
Acq: 14 Jun 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
EB02-20190611

Tot Ion:113 Resp: 151387
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 23.0 17.1 25.7

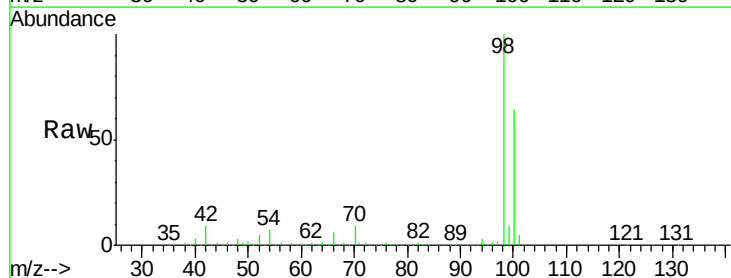


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

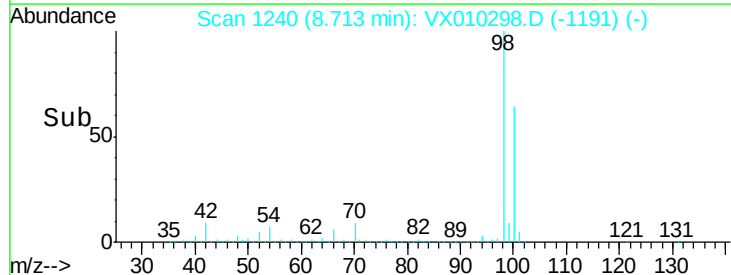
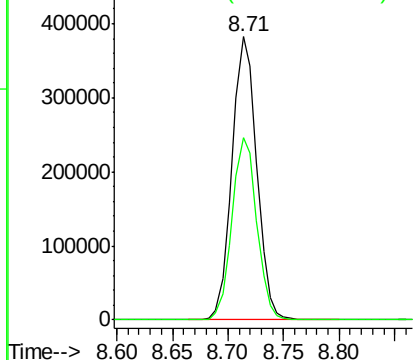


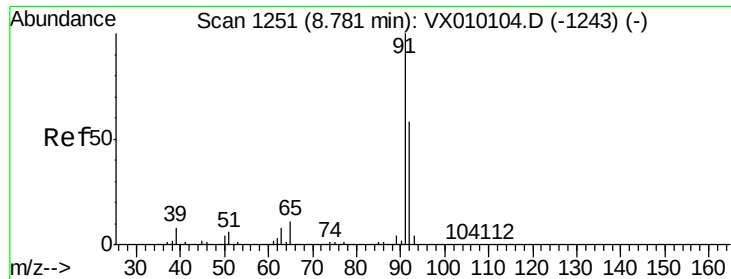
#50
Toluene-d8
Concen: 50.804 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010298.D
Acq: 14 Jun 2019 14:19

Tgt Ion: 98 Resp: 589305
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





#52

Toluene

Concen: 1.444 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010298.D

Acq: 14 Jun 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

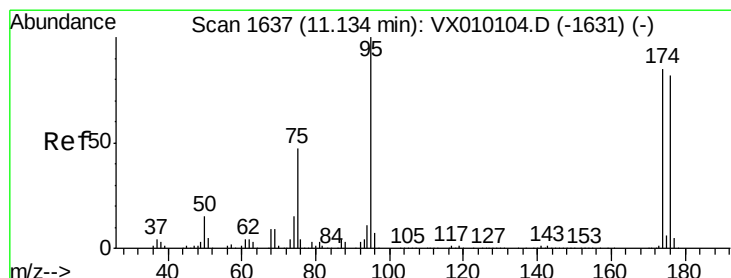
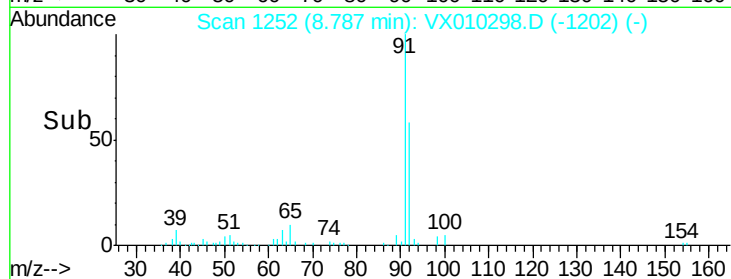
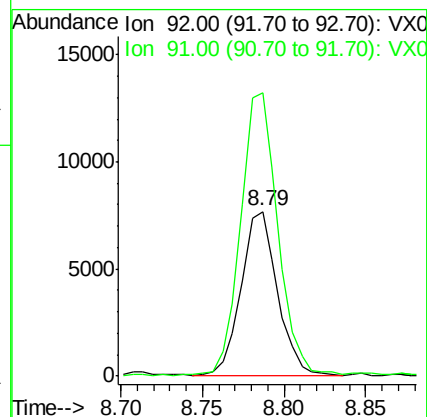
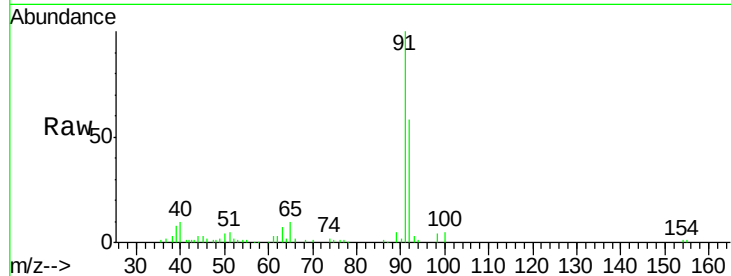
EB02-20190611

Tot Ion: 92 Resp: 12014

Ion Ratio Lower Upper

92 100

91 175.8 139.9 209.9



#62

4-Bromofluorobenzene

Concen: 46.022 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010298.D

Acq: 14 Jun 2019 14:19

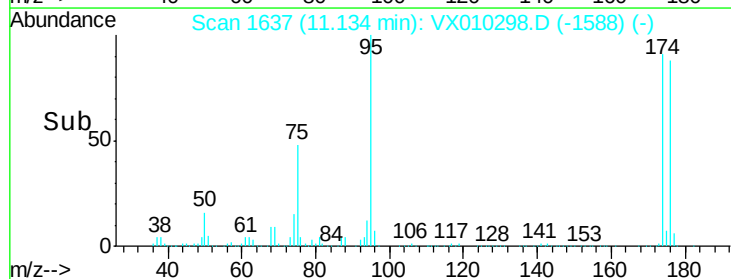
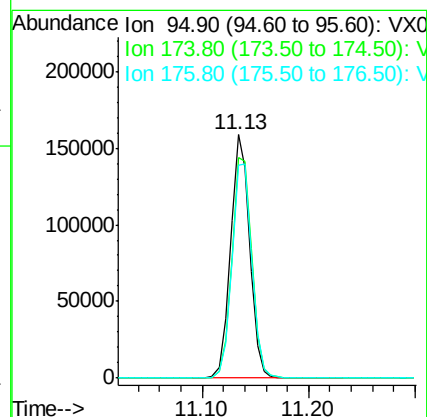
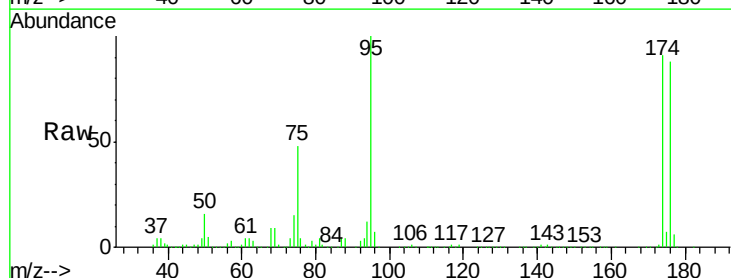
Tgt Ion: 95 Resp: 199365

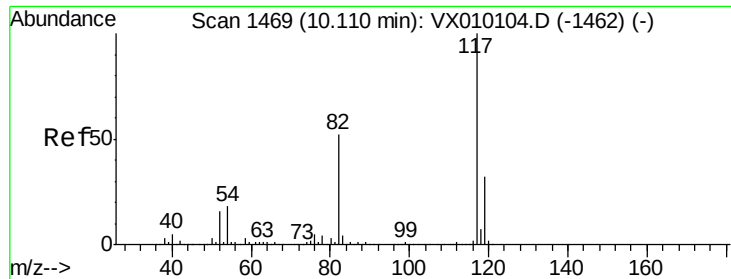
Ion Ratio Lower Upper

95 100

174 94.7 0.0 160.4

176 92.3 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: VX010298.D

Acq: 14 Jun 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

EB02-20190611

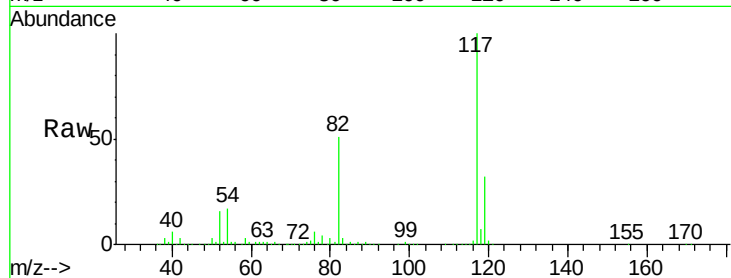
Tot Ion:117 Resp: 447964

Ion Ratio Lower Upper

117 100

82 50.7 49.2 73.8

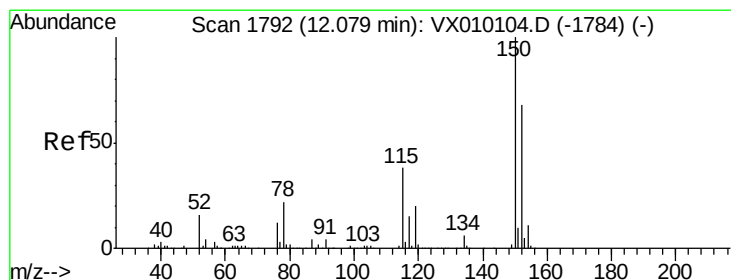
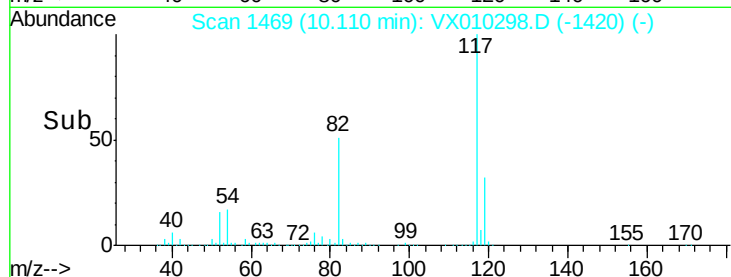
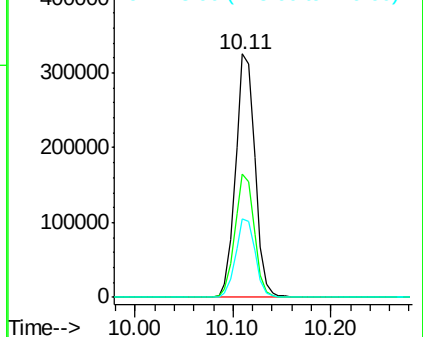
119 32.2 25.2 37.8



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# 1792

Delta R.T. -0.00 min

Lab File: VX010298.D

Acq: 14 Jun 2019 14:19

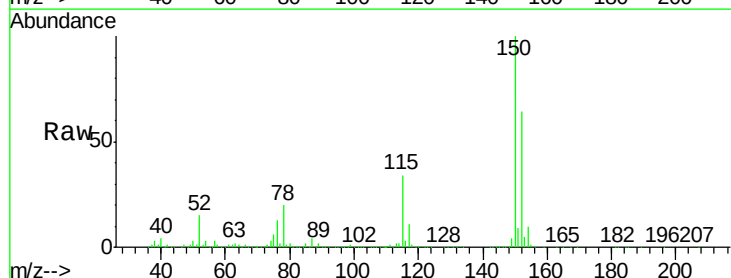
Tgt Ion:152 Resp: 213156

Ion Ratio Lower Upper

152 100

115 53.3 41.4 124.2

150 154.6 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

