

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010412.D
 Acq On : 24 Jun 2019 15:27
 Operator : JC/SP
 Sample : K3164-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B09

Quant Time: Jun 25 04:16:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

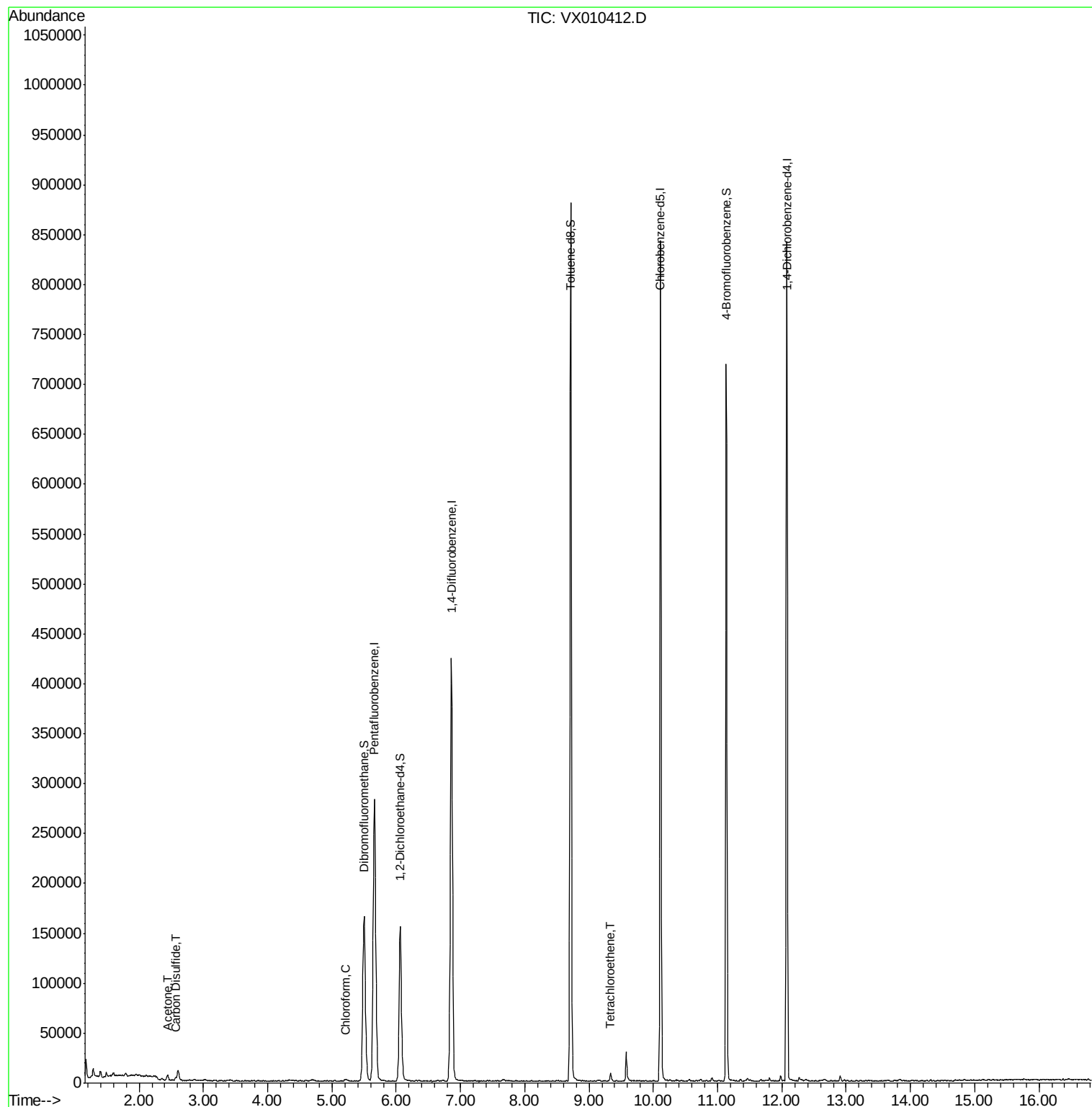
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	459819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	414165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140735	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	5.49	113	141777	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	8.71	98	539066	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.13	95	180967	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds						
16) Acetone	2.45	43	6343	4.450	ug/l	95
17) Carbon Disulfide	2.57	76	3406	0.483	ug/l	98
30) Chloroform	5.21	83	2032	0.419	ug/l	93
64) Tetrachloroethene	9.34	164	1500	0.448	ug/l	89

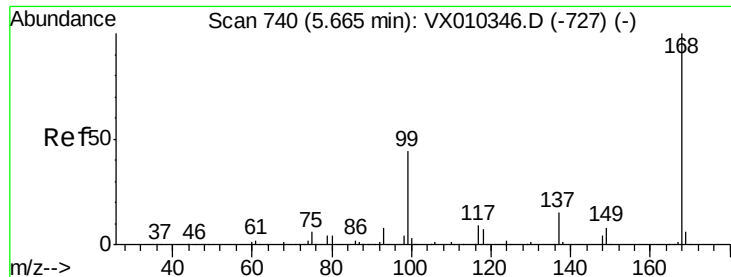
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010412.D

Acq: 24 Jun 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

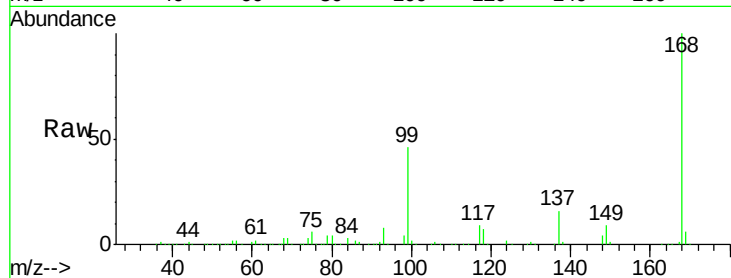
BAT-B09

Tot Ion:168 Resp: 303321

Ion Ratio Lower Upper

168 100

99 46.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

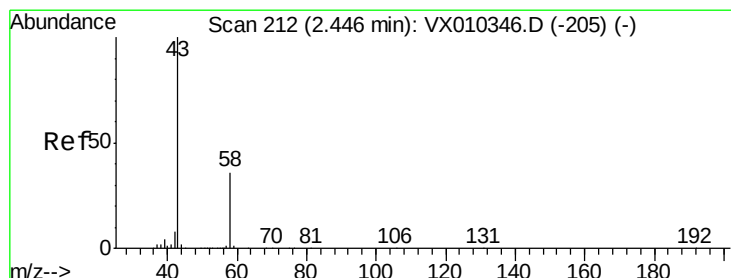
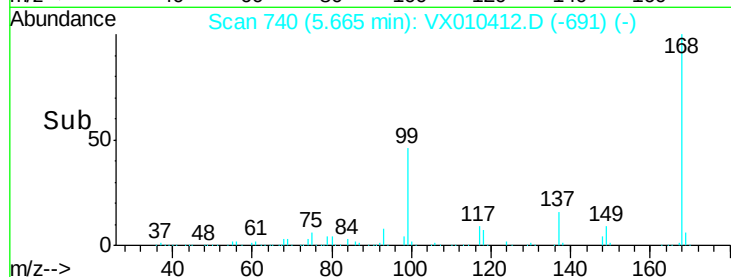
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.450 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010412.D

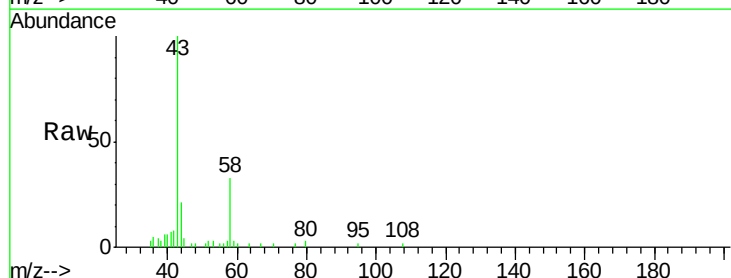
Acq: 24 Jun 2019 15:27

Tgt Ion: 43 Resp: 6343

Ion Ratio Lower Upper

43 100

58 33.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

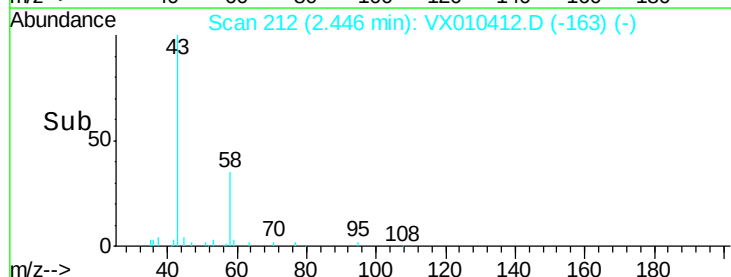
3000

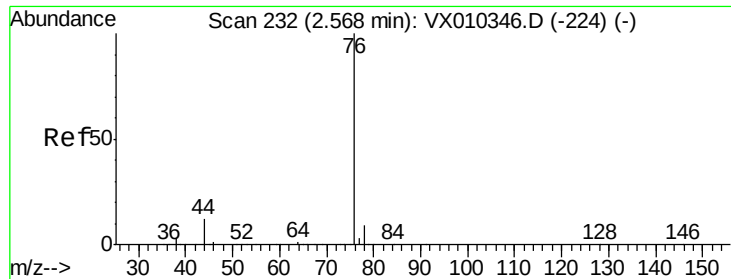
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

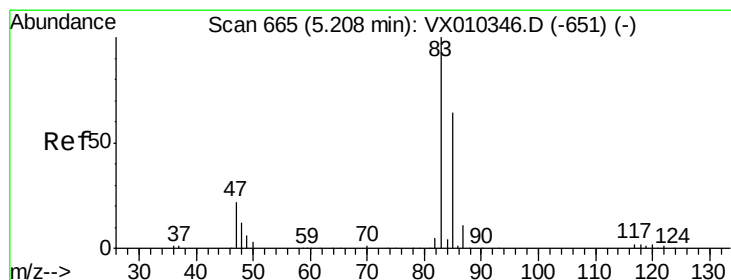
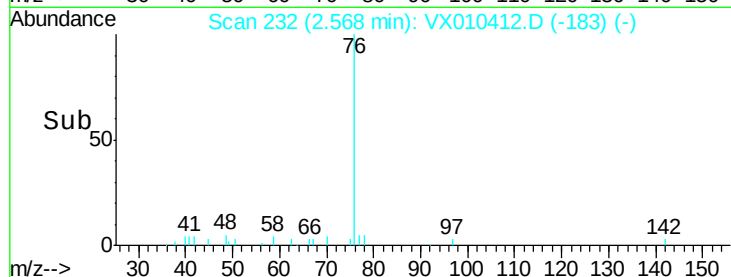
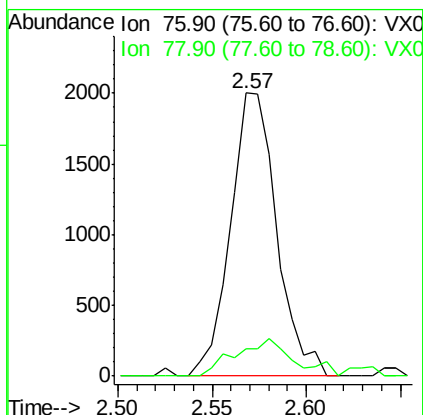
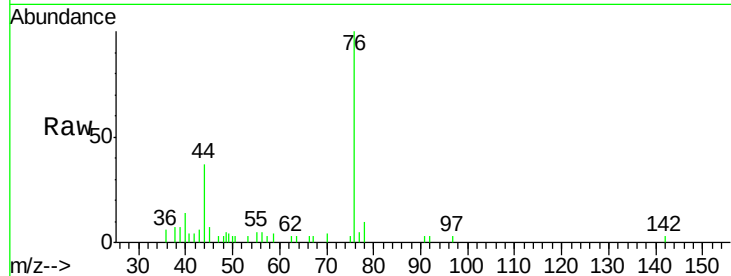




#17
Carbon Disulfide
Concen: 0.483 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010412.D
Acq: 24 Jun 2019 15:27

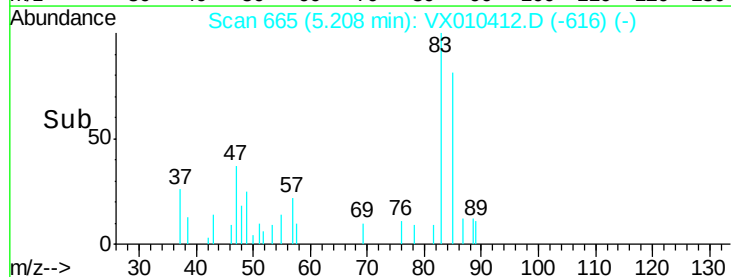
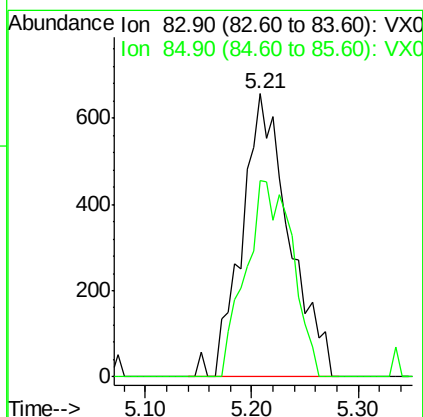
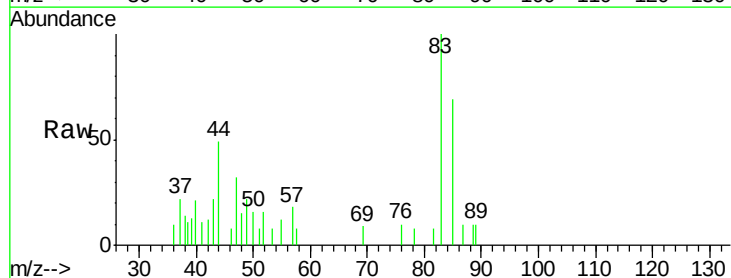
Instrument :
MSVOA_X
ClientSampleId :
BAT-B09

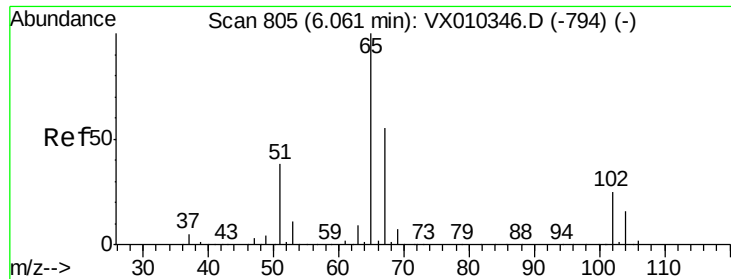
Tot Ion: 76 Resp: 3406
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#30
Chloroform
Concen: 0.419 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010412.D
Acq: 24 Jun 2019 15:27

Tgt Ion: 83 Resp: 2032
Ion Ratio Lower Upper
83 100
85 69.1 50.9 76.3

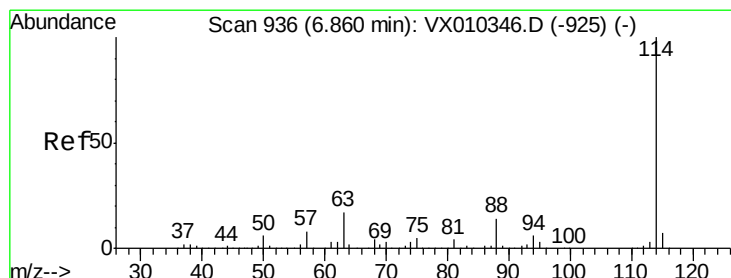
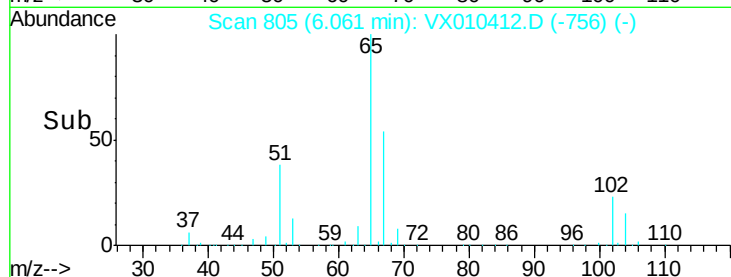
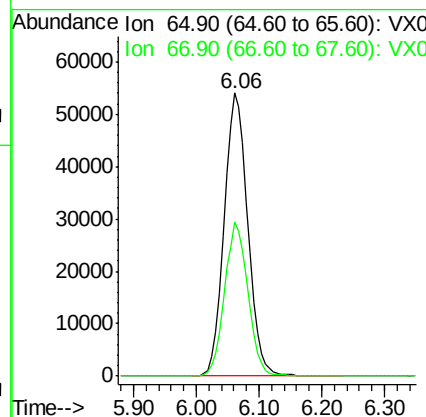
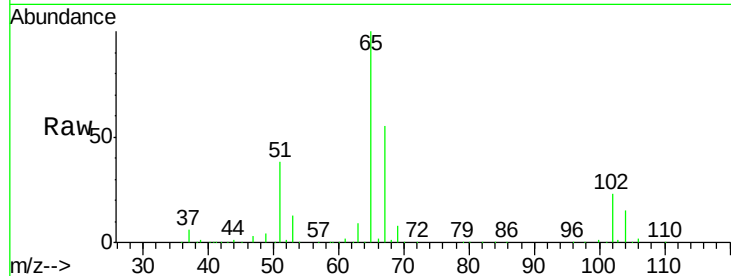




#33
 1,2-Dichloroethane-d4
 Concen: 49.486 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010412.D
 Acq: 24 Jun 2019 15:27

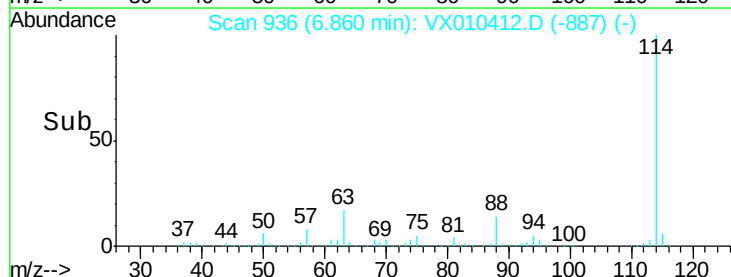
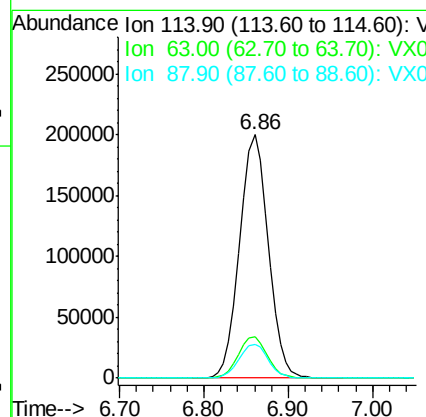
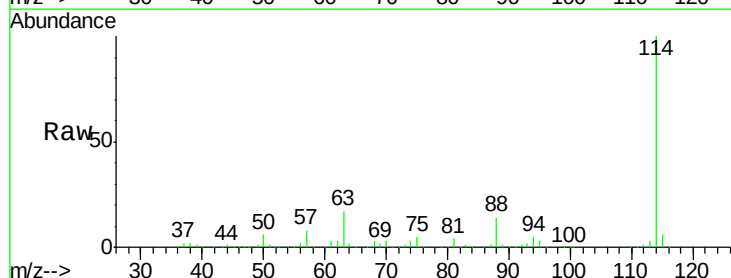
Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B09

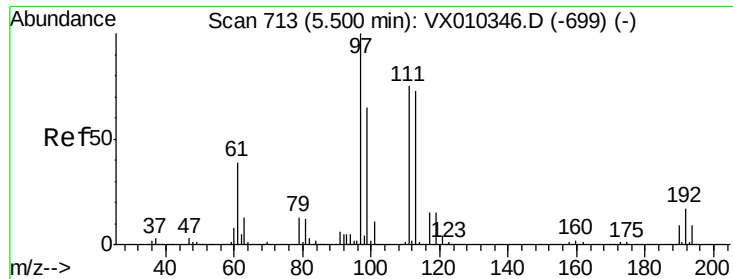
Tot Ion: 65 Resp: 140735
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010412.D
 Acq: 24 Jun 2019 15:27

Tgt Ion: 114 Resp: 459819
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.8
 88 14.0 0.0 27.6

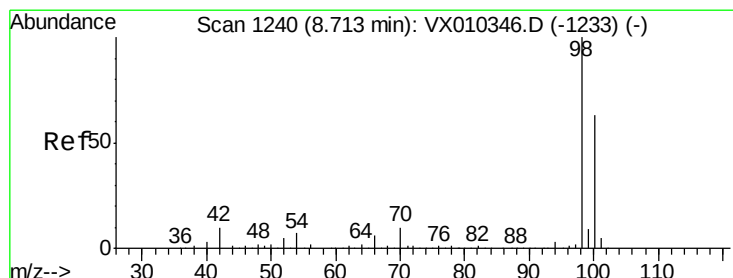
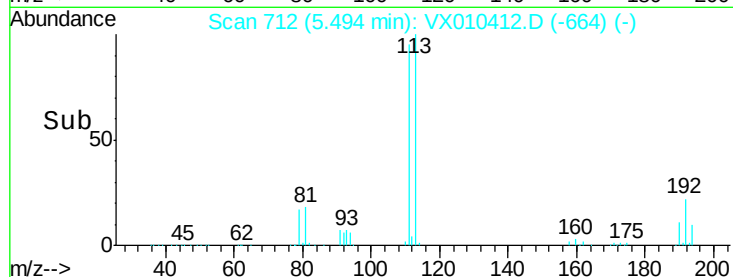
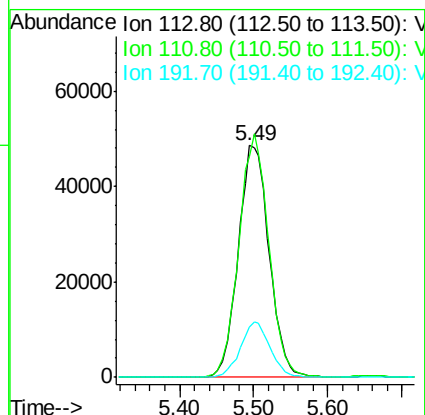
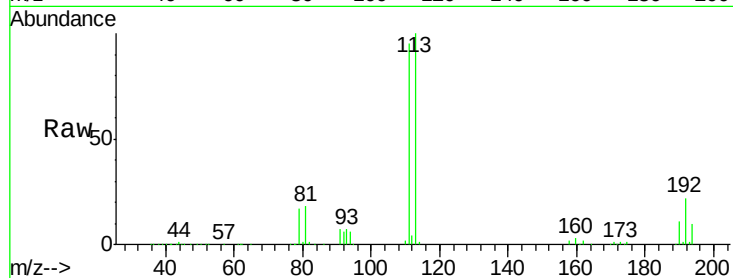




#35
 Dibromofluoromethane
 Concen: 50.395 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010412.D
 Acq: 24 Jun 2019 15:27

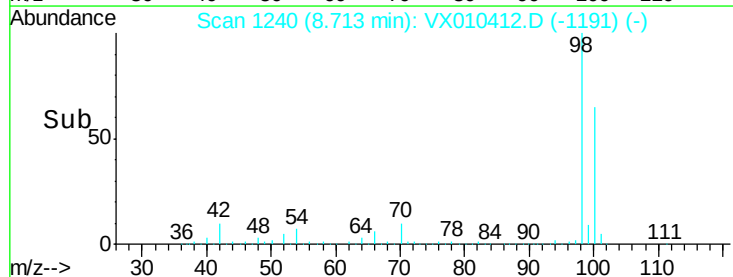
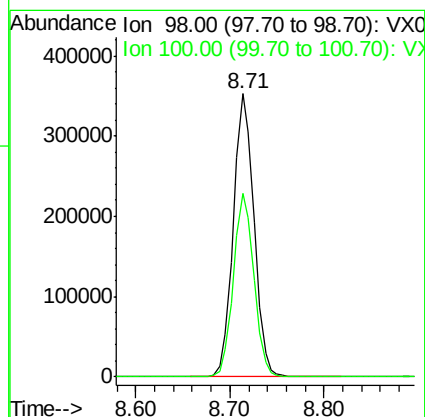
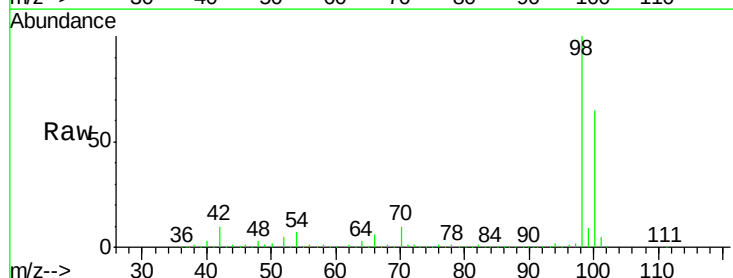
Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B09

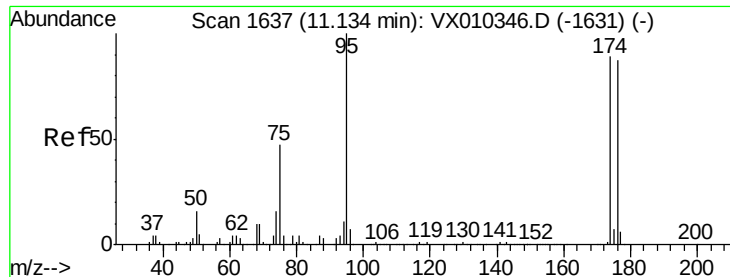
Tot Ion:113 Resp: 141777
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.2 121.8
 192 22.9 18.6 27.8



#50
 Toluene-d8
 Concen: 50.084 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010412.D
 Acq: 24 Jun 2019 15:27

Tgt Ion: 98 Resp: 539066
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 46.571 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010412.D

Acq: 24 Jun 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

BAT-B09

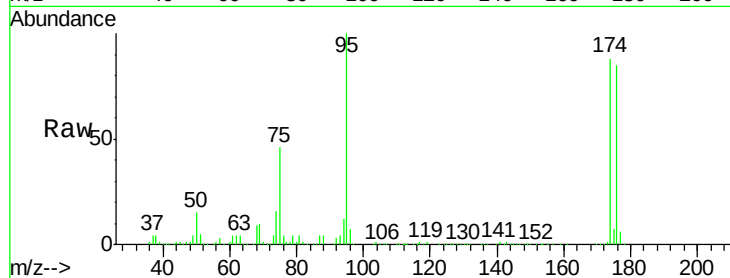
Tot Ion: 95 Resp: 180967

Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.6

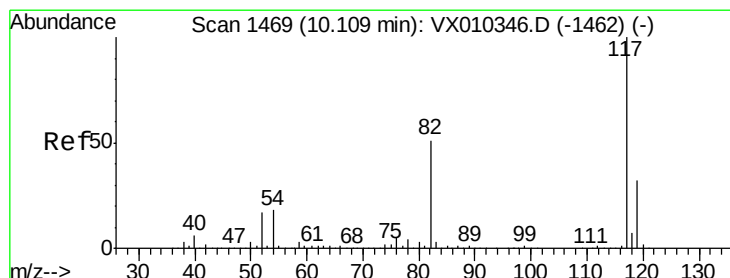
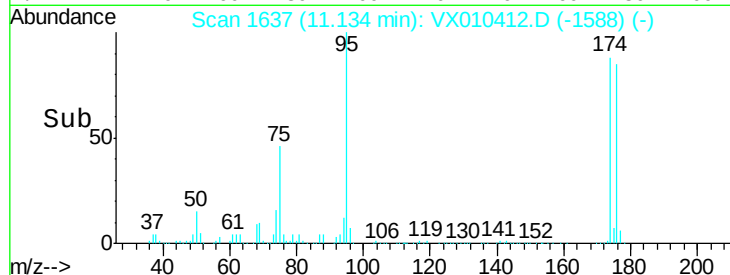
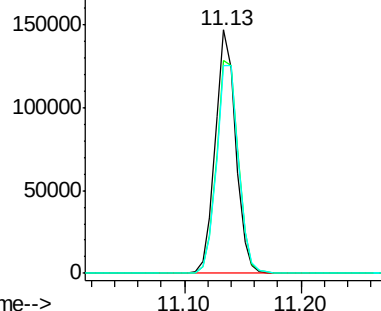
176 92.2 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010412.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010412.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010412.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010412.D

Acq: 24 Jun 2019 15:27

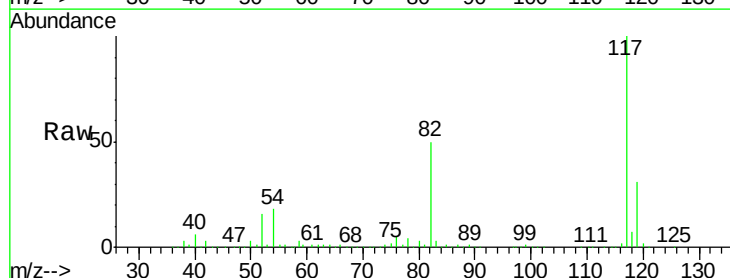
Tgt Ion: 117 Resp: 414165

Ion Ratio Lower Upper

117 100

82 50.3 41.2 61.8

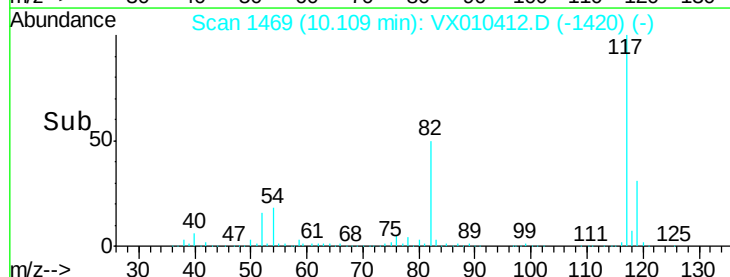
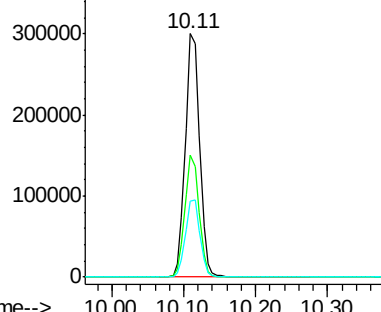
119 31.3 25.5 38.3

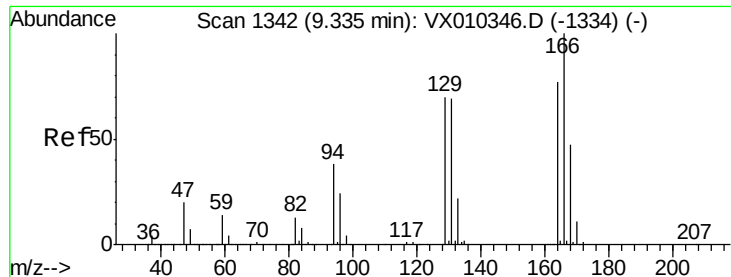


Abundance Ion 116.90 (116.60 to 117.60): VX010412.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010412.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010412.D (-1420) (-)





#64

Tetrachloroethene

Concen: 0.448 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010412.D

Acq: 24 Jun 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

BAT-B09

Tot Ion:164 Resp: 1500

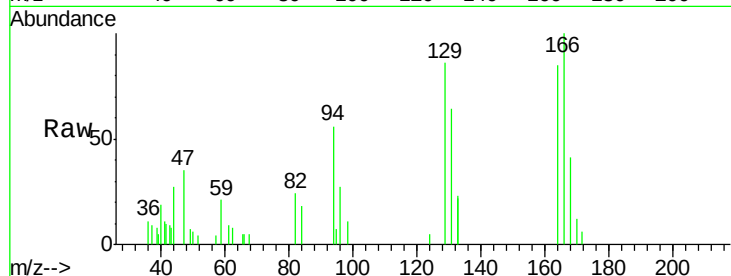
Ion Ratio Lower Upper

164 100

166 117.6 103.6 155.4

129 101.7 73.0 109.4

131 75.8 71.0 106.4

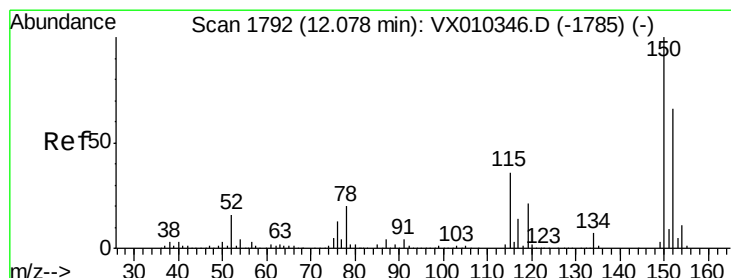
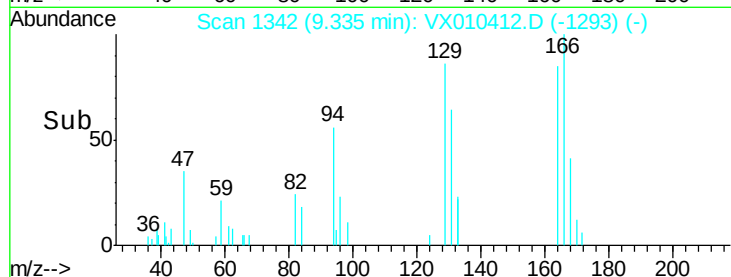
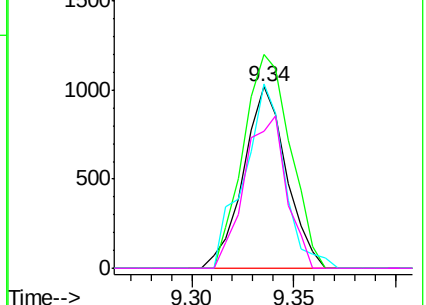


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX010412.D

Acq: 24 Jun 2019 15:27

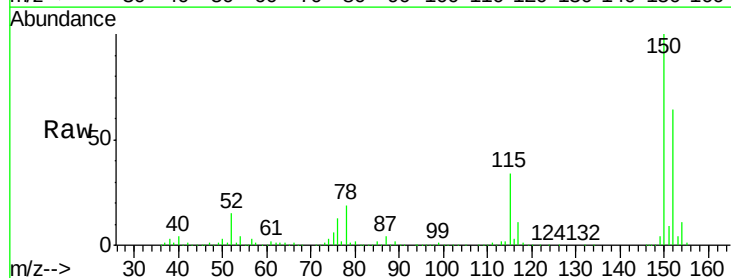
Tgt Ion:152 Resp: 188946

Ion Ratio Lower Upper

152 100

115 54.0 38.6 115.7

150 156.8 0.0 347.4



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

