

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006452.D
 Acq On : 12 Dec 2018 18:26
 Operator : JC/MD
 Sample : J6358-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW09-20181211

Quant Time: Dec 13 07:04:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

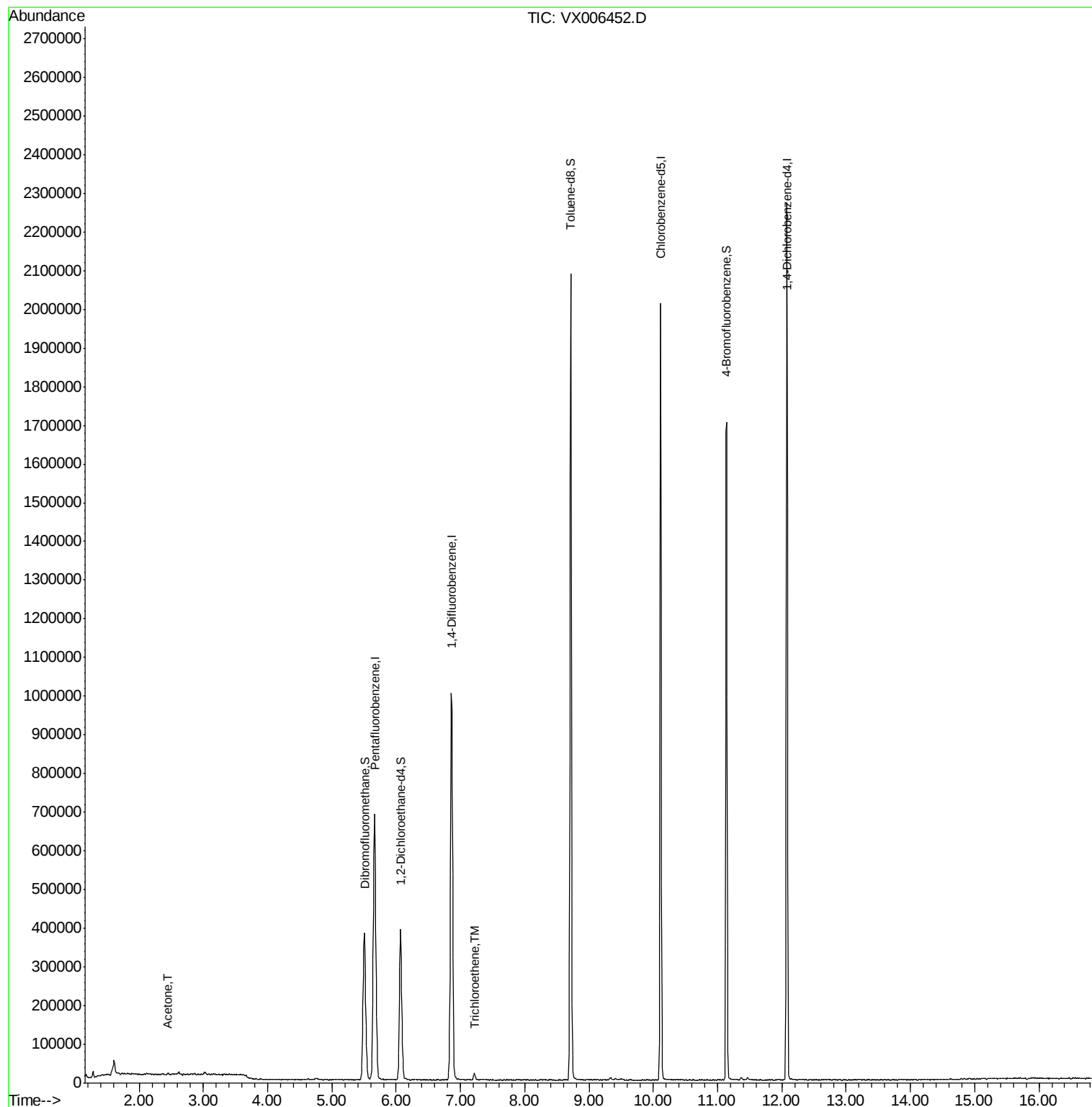
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	704774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1102461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	990878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	474673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	364864	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	329602	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	8.71	98	1288071	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	471835	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
16) Acetone	2.45	43	4244	1.257	ug/l	90
44) Trichloroethene	7.21	130	6217	0.738	ug/l	97

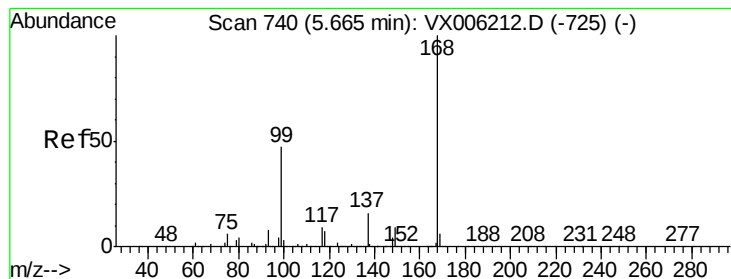
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006452.D

Acq: 12 Dec 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

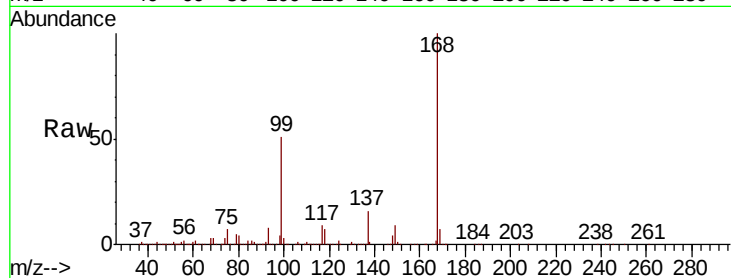
BP-TT-AOC22-MW09-20181211

Tot Ion:168 Resp: 704774

Ion Ratio Lower Upper

168 100

99 51.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

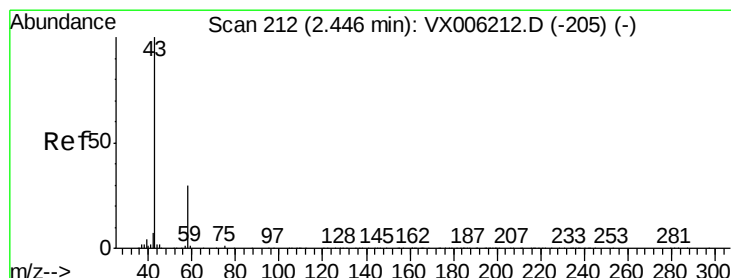
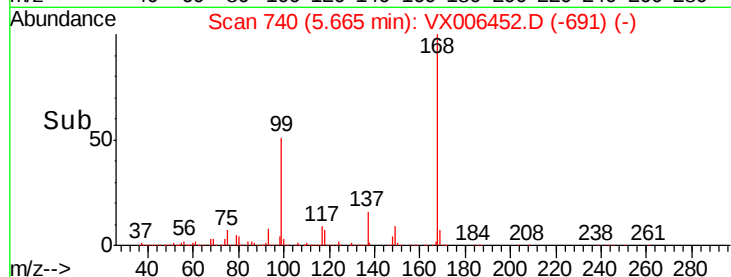
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 1.257 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006452.D

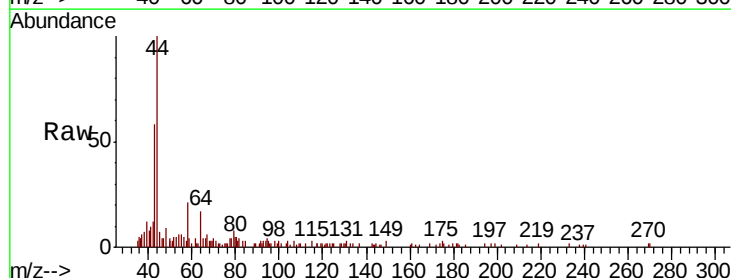
Acq: 12 Dec 2018 18:26

Tgt Ion: 43 Resp: 4244

Ion Ratio Lower Upper

43 100

58 35.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

1500

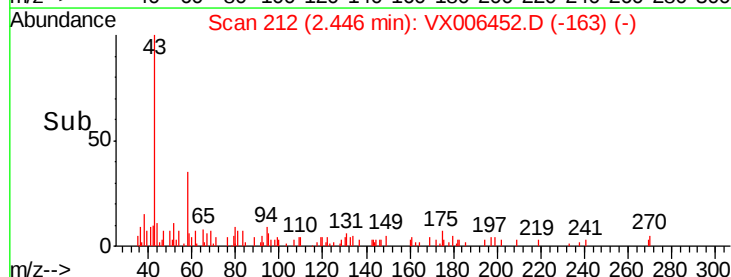
1000

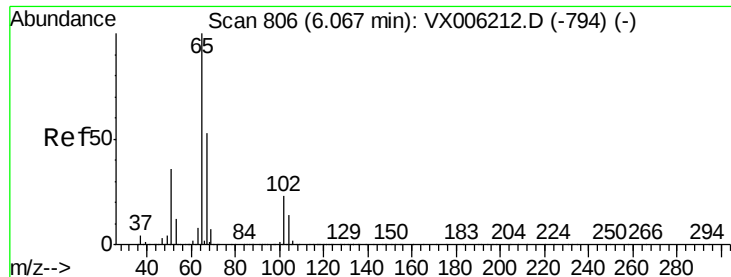
500

0

Time-->

2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 50.713 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

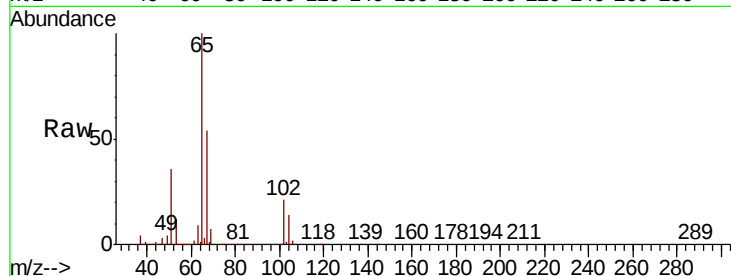
BP-TT-AOC22-MW09-20181211

Tot Ion: 65 Resp: 364864

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

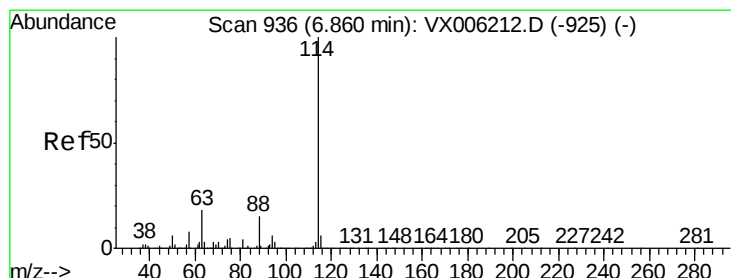
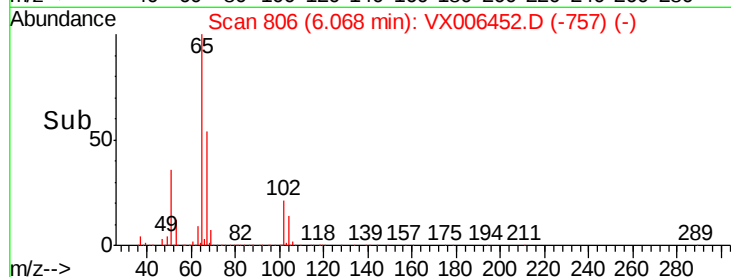
100000

50000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

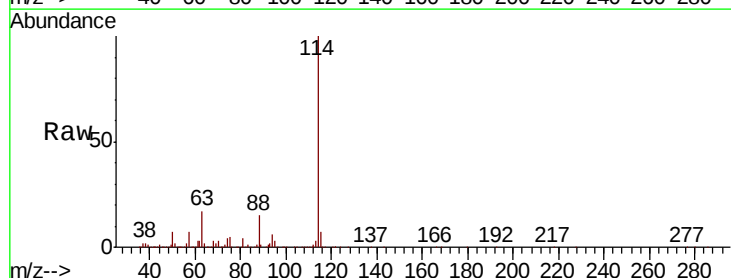
Tgt Ion: 114 Resp: 1102461

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

88 14.7 0.0 29.0



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

6.86

600000

500000

400000

300000

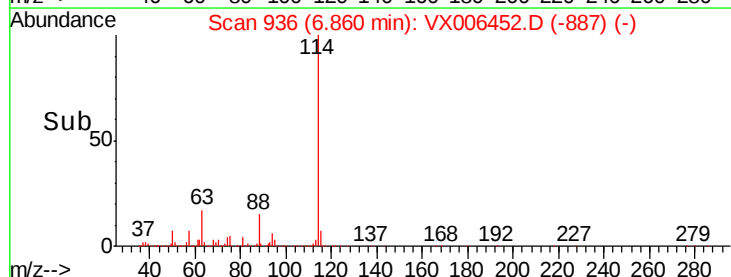
200000

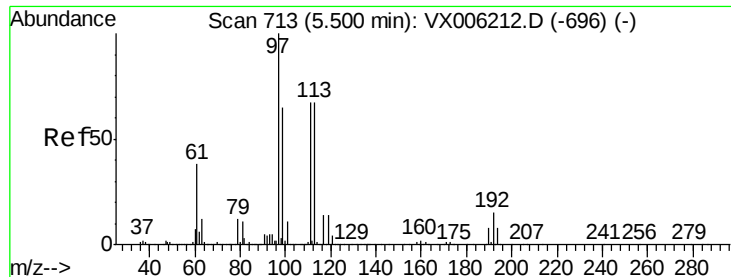
100000

0

Time-->

6.80 6.90 7.00

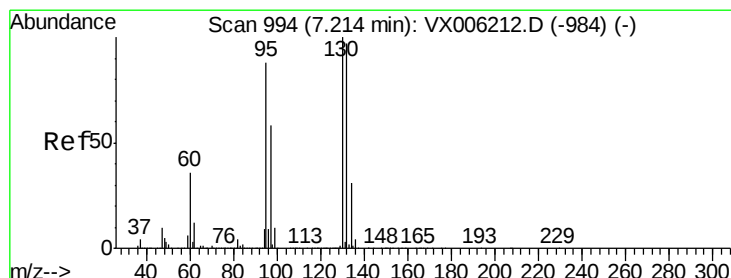
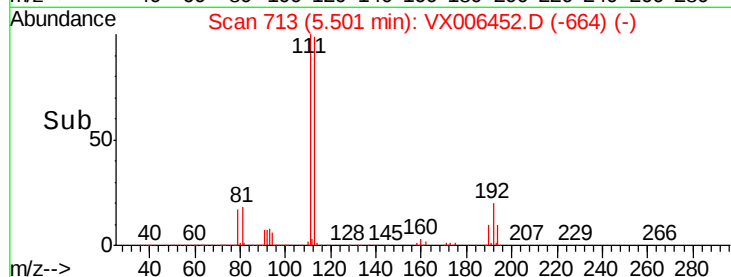
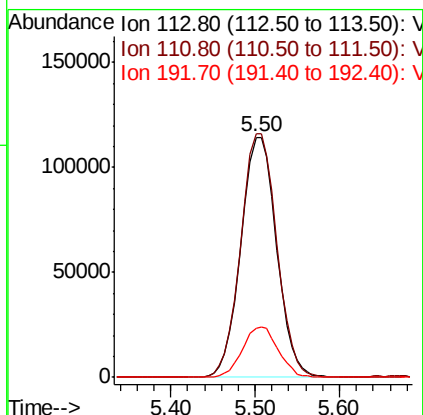
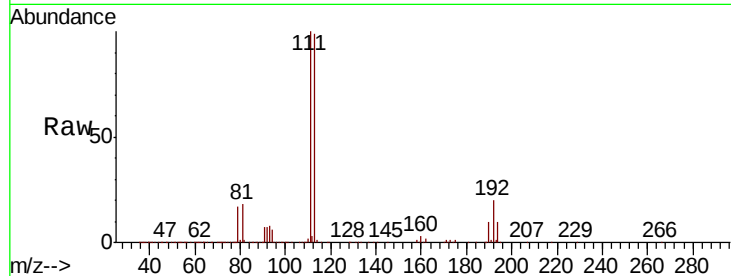




#35
 Dibromofluoromethane
 Concen: 46.176 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006452.D
 Acq: 12 Dec 2018 18:26

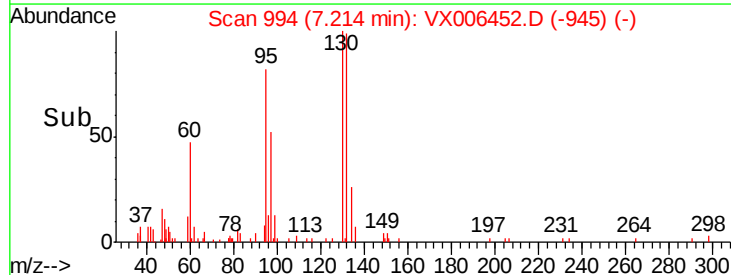
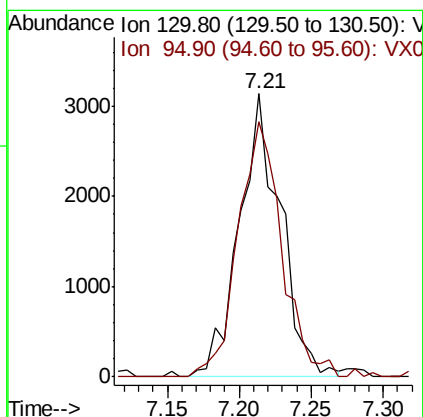
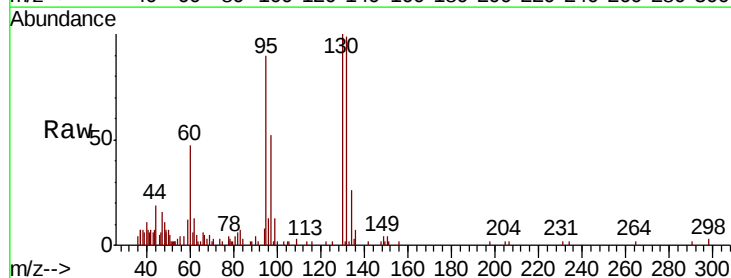
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW09-20181211

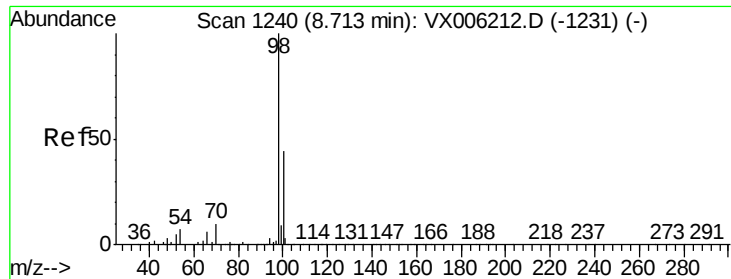
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	21.0	18.2	27.2



#44
 Trichloroethene
 Concen: 0.738 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006452.D
 Acq: 12 Dec 2018 18:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	175.8





#50

Toluene-d8

Concen: 49.610 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

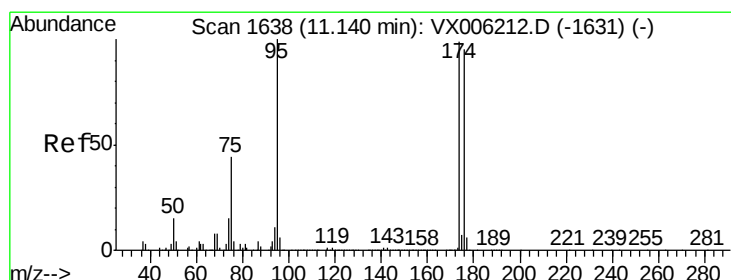
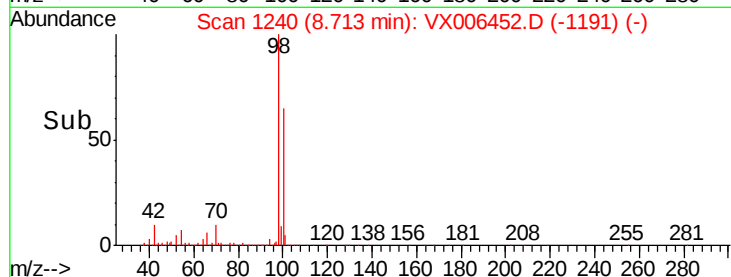
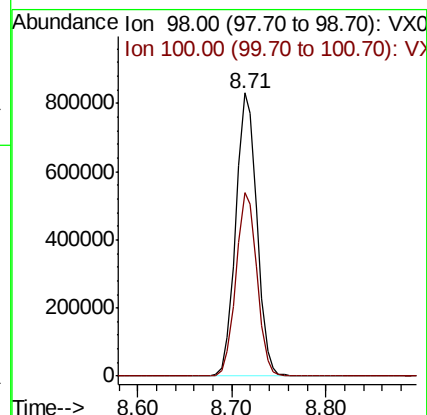
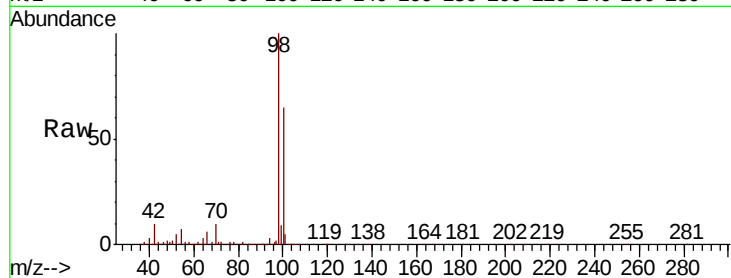
BP-TT-AOC22-MW09-20181211

Tot Ion: 98 Resp: 1288071

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.225 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

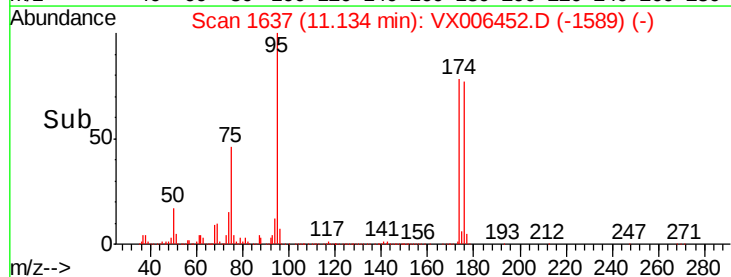
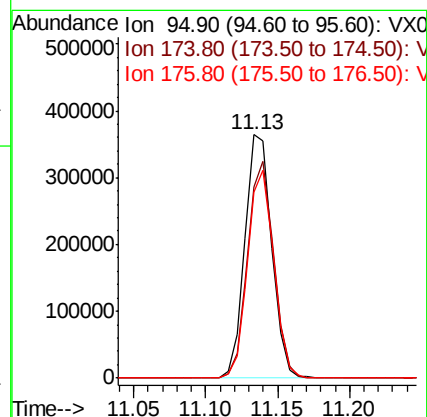
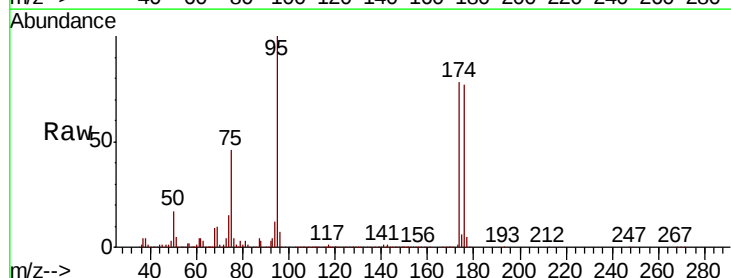
Tgt Ion: 95 Resp: 471835

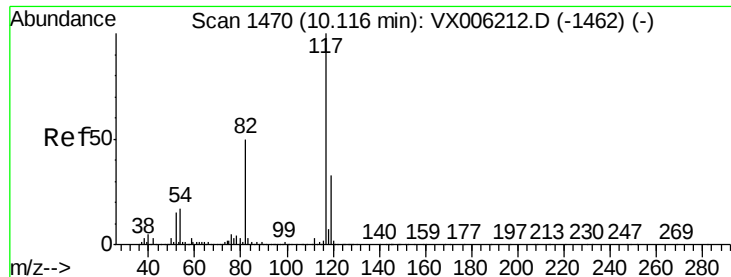
Ion Ratio Lower Upper

95 100

174 86.5 0.0 187.0

176 83.0 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20181211

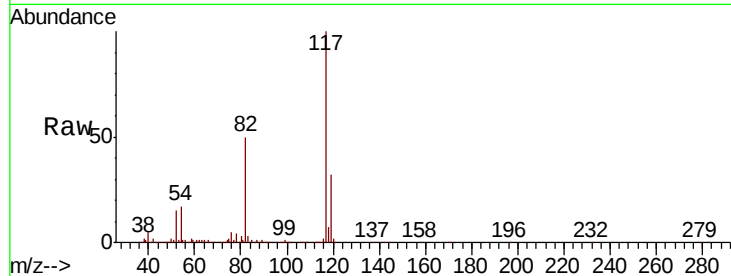
Tot Ion:117 Resp: 990878

Ion Ratio Lower Upper

117 100

82 50.1 39.6 59.4

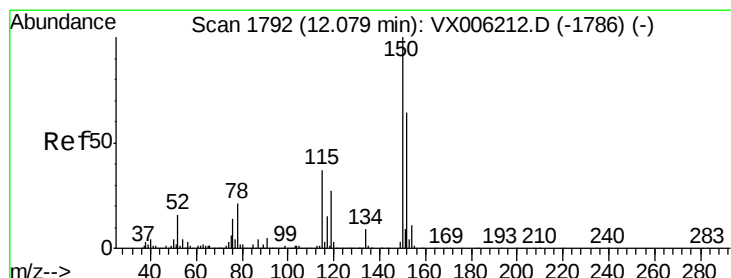
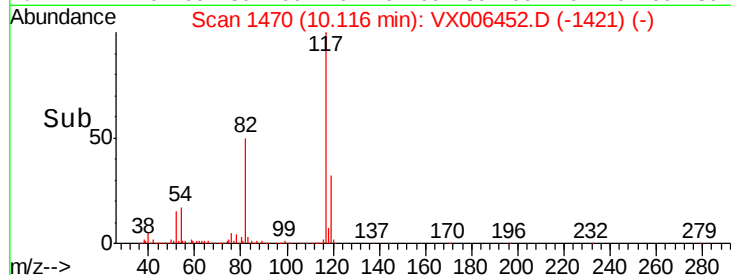
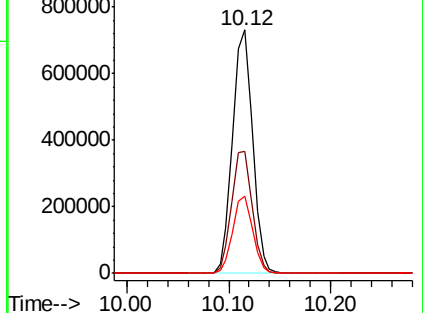
119 31.9 26.3 39.5



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: VX006452.D

Acq: 12 Dec 2018 18:26

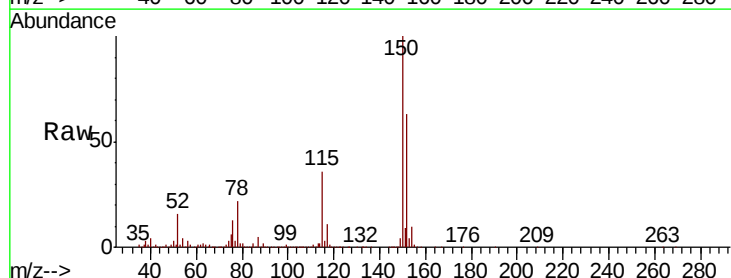
Tgt Ion:152 Resp: 474673

Ion Ratio Lower Upper

152 100

115 57.3 39.0 116.9

150 155.8 0.0 345.8



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

