

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004606.D
 Acq On : 16 Sep 2018 01:46
 Operator : JC/MD
 Sample : J4913-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPSI-TT-MW302S-20180912

Quant Time: Sep 17 17:50:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

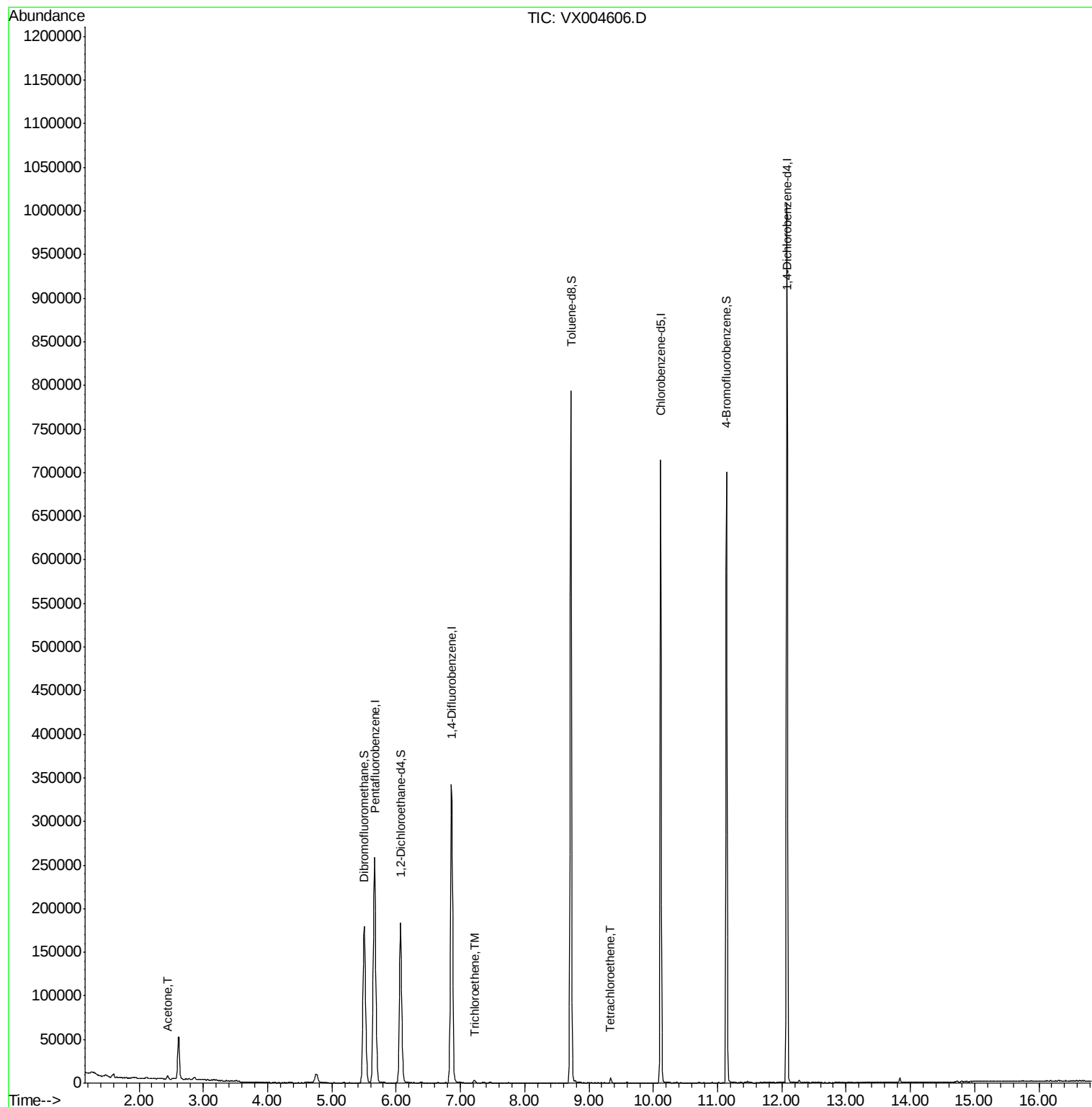
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166078	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	5.50	113	154718	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	8.72	98	497474	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	11.14	95	173501	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
16) Acetone	2.45	43	4102	2.47	ug/l	95
44) Trichloroethene	7.21	130	1327	0.40	ug/l	68
64) Tetrachloroethene	9.34	164	1237	0.30	ug/l #	81

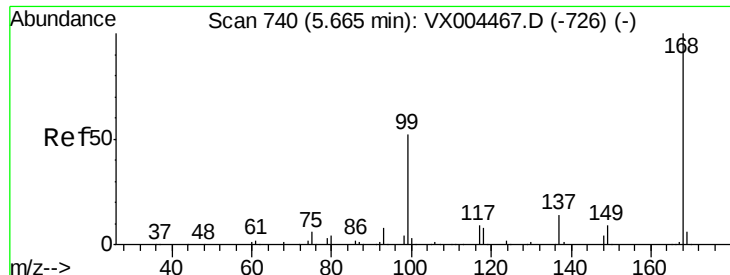
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004606.D

Acq: 16 Sep 2018 01:46

Instrument :

MSVOA_X

ClientSampleId :

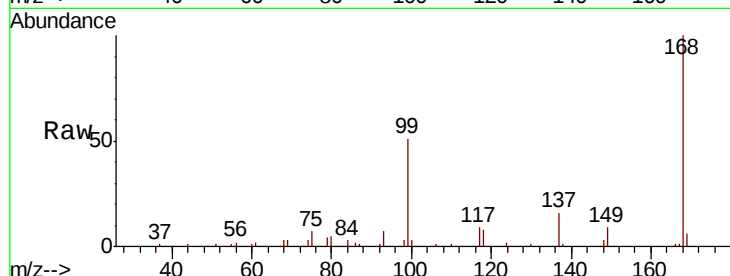
BPSI-TT-MW302S-20180912

Tot Ion:168 Resp: 263925

Ion Ratio Lower Upper

168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

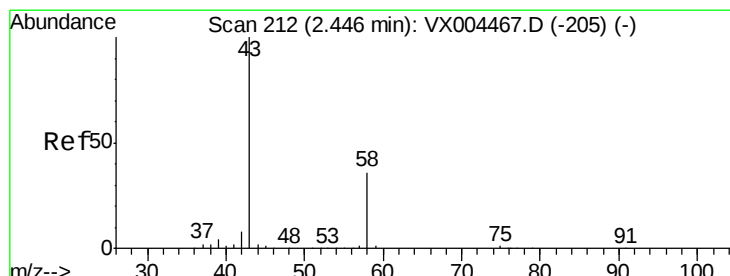
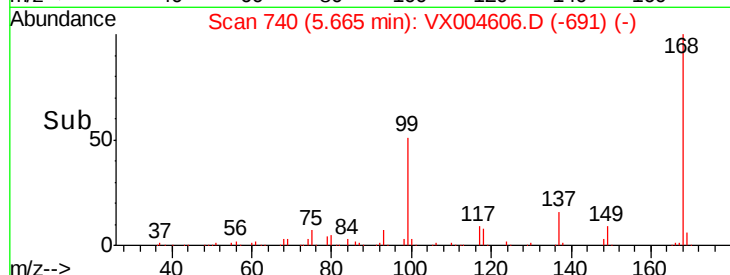
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.47 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004606.D

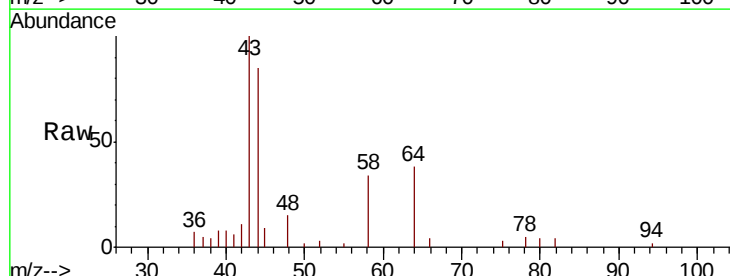
Acq: 16 Sep 2018 01:46

Tgt Ion: 43 Resp: 4102

Ion Ratio Lower Upper

43 100

58 35.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

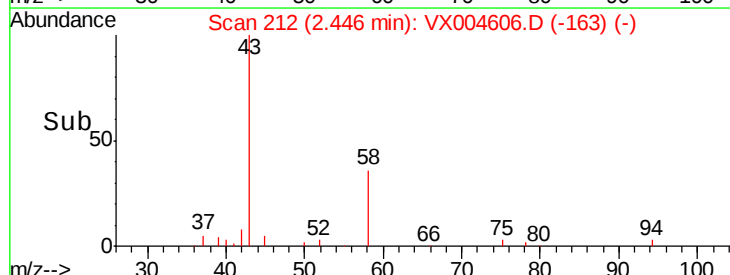
1500

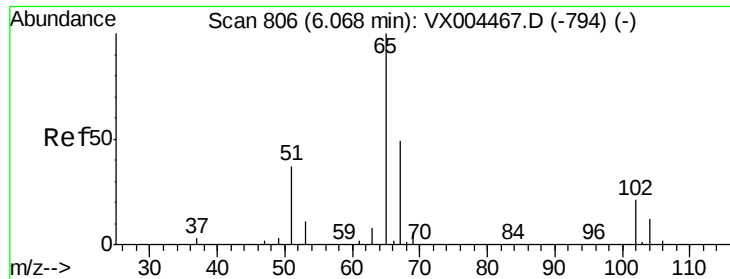
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55

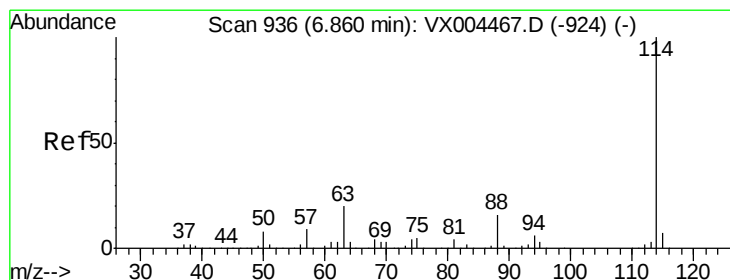
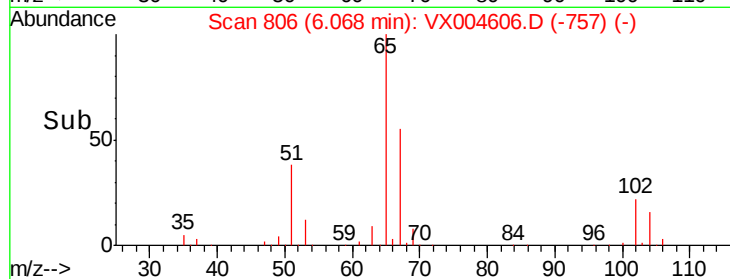
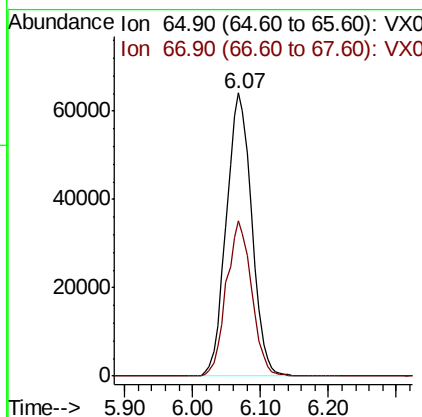
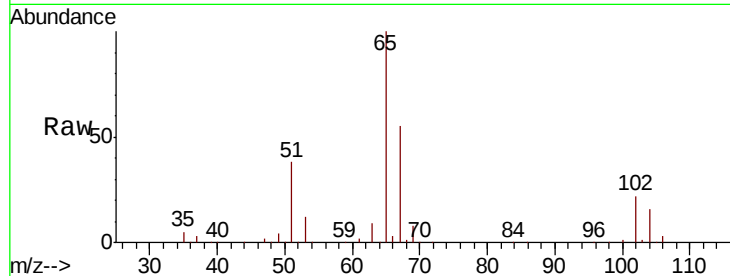




#33
 1,2-Dichloroethane-d4
 Concen: 48.80 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004606.D
 Acq: 16 Sep 2018 01:46

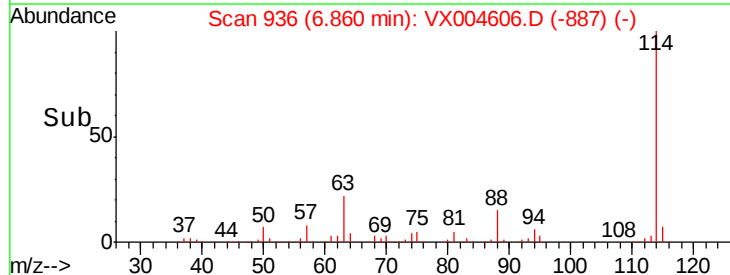
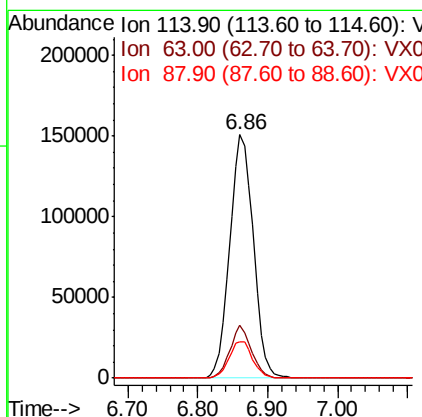
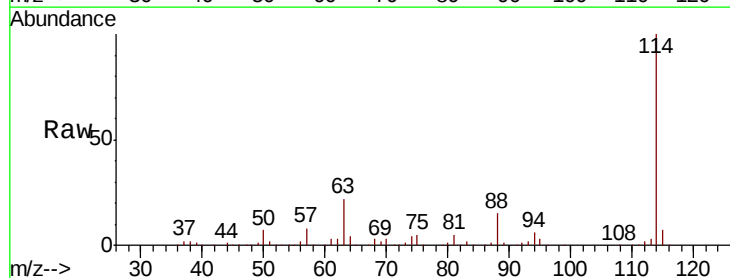
Instrument :
 MSVOA_X
 ClientSampleId :
 BPSI-TT-MW302S-20180912

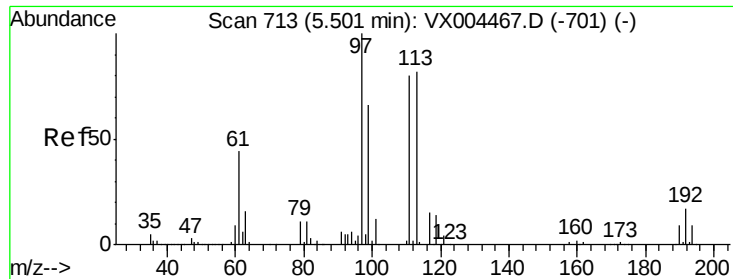
Tot Ion: 65 Resp: 166078
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004606.D
 Acq: 16 Sep 2018 01:46

Tgt Ion: 114 Resp: 354185
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 39.0
 88 15.0 0.0 30.4

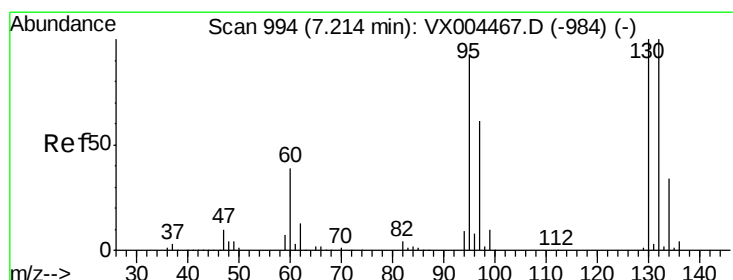
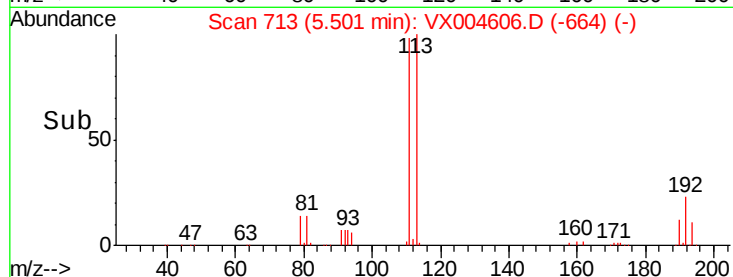
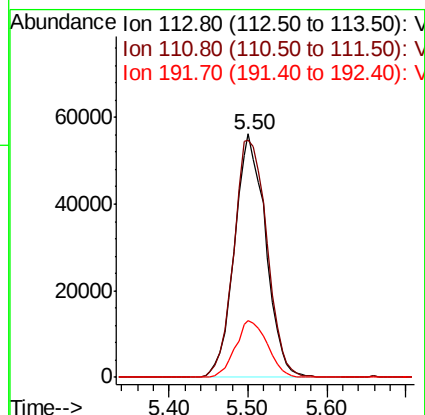
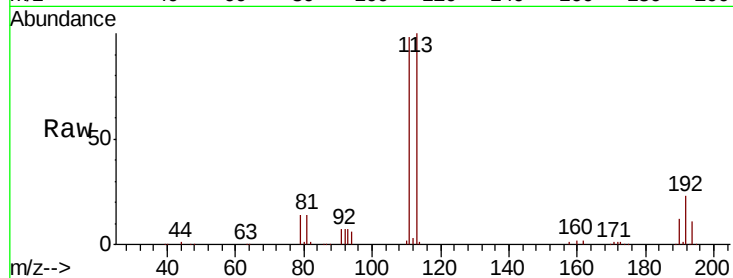




#35
 Dibromofluoromethane
 Concen: 47.74 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004606.D
 Acq: 16 Sep 2018 01:46

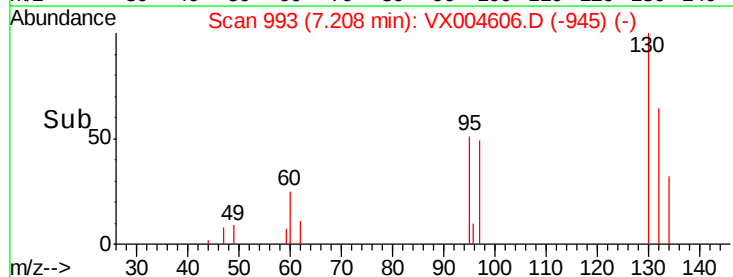
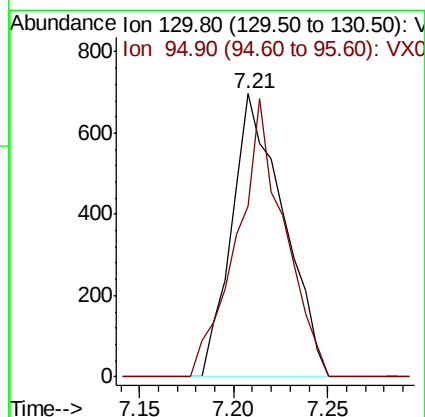
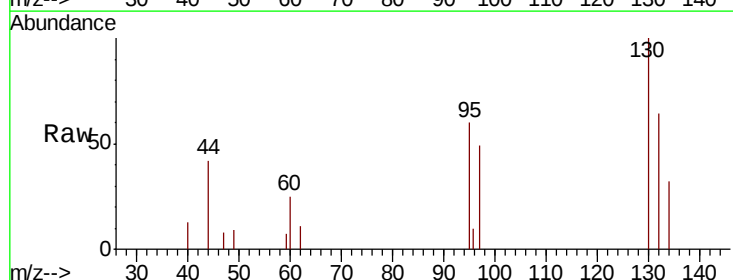
Instrument :
 MSVOA_X
 ClientSampleId :
 BPSI-TT-MW302S-20180912

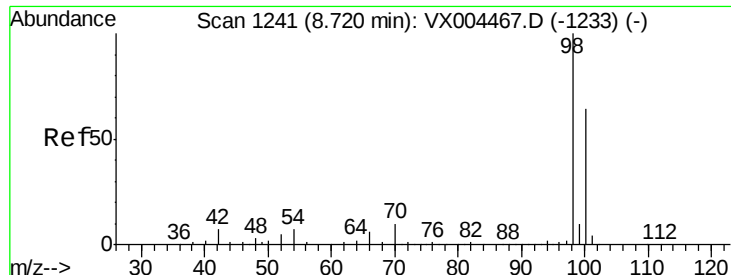
Tot Ion:113 Resp: 154718
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.4 123.6
 192 23.9 19.4 29.2



#44
 Trichloroethene
 Concen: 0.40 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX004606.D
 Acq: 16 Sep 2018 01:46

Tgt Ion:130 Resp: 1327
 Ion Ratio Lower Upper
 130 100
 95 60.4 0.0 181.6





#50

Toluene-d8

Concen: 45.77 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004606.D

Acq: 16 Sep 2018 01:46

Instrument :

MSVOA_X

ClientSampleId :

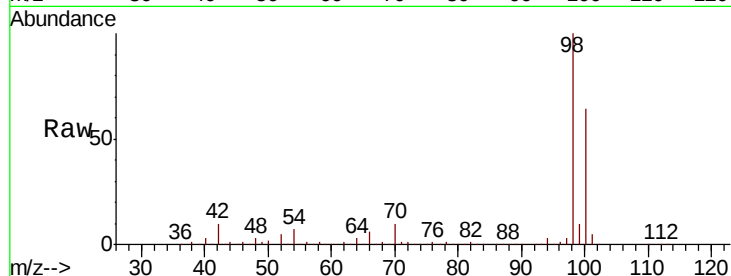
BPSI-TT-MW302S-20180912

Tot Ion: 98 Resp: 497474

Ion Ratio Lower Upper

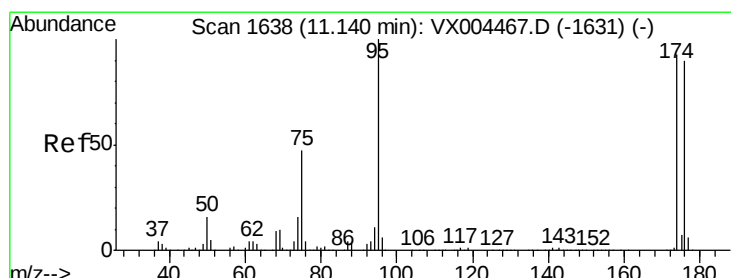
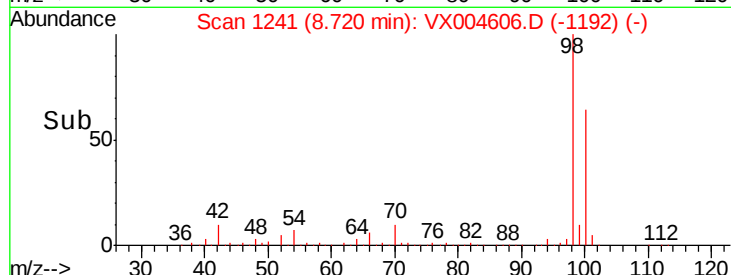
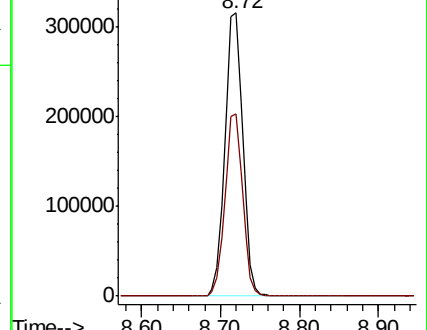
98 100

100 63.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.72 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004606.D

Acq: 16 Sep 2018 01:46

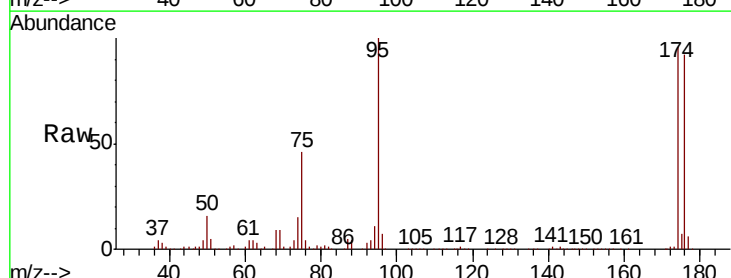
Tgt Ion: 95 Resp: 173501

Ion Ratio Lower Upper

95 100

174 94.7 0.0 185.2

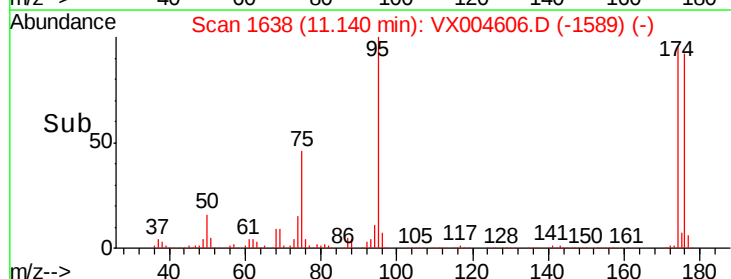
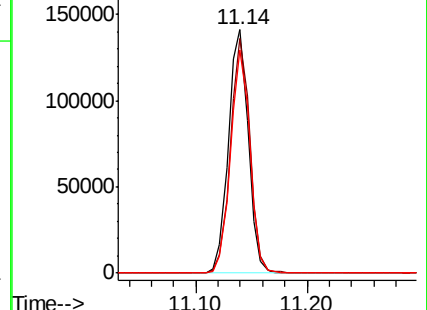
176 89.8 0.0 178.6

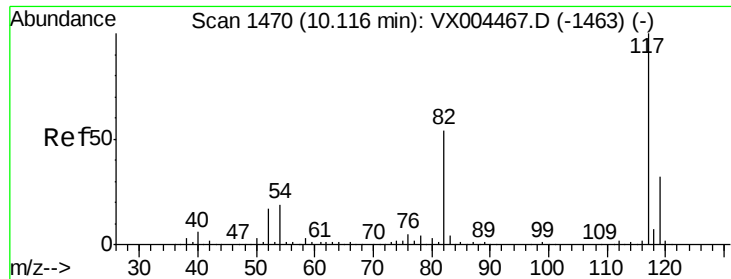


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

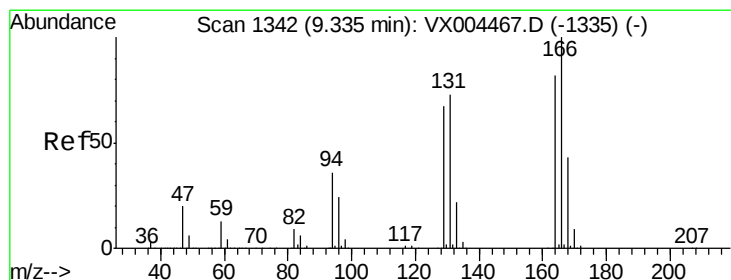
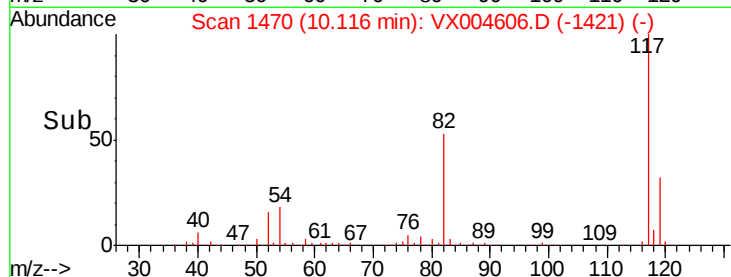
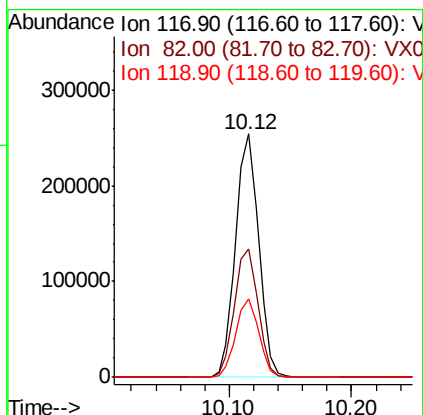
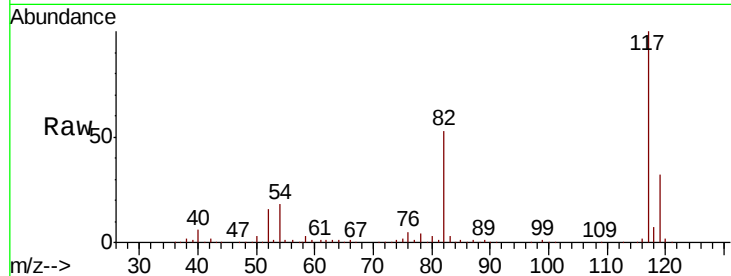




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004606.D
Acq: 16 Sep 2018 01:46

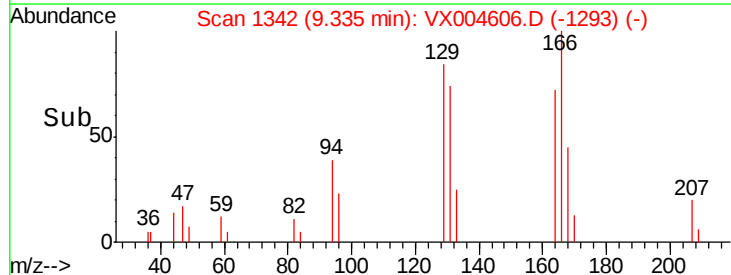
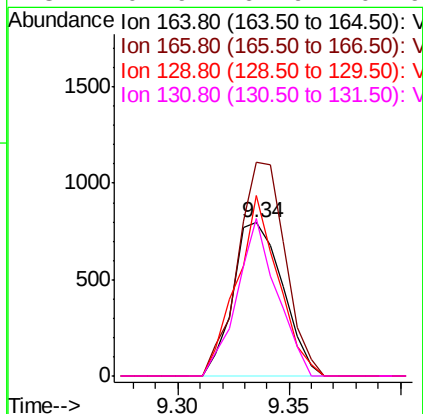
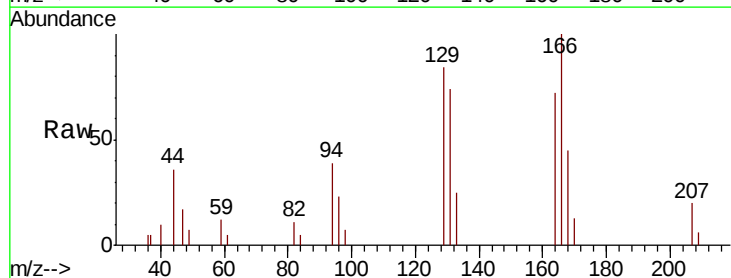
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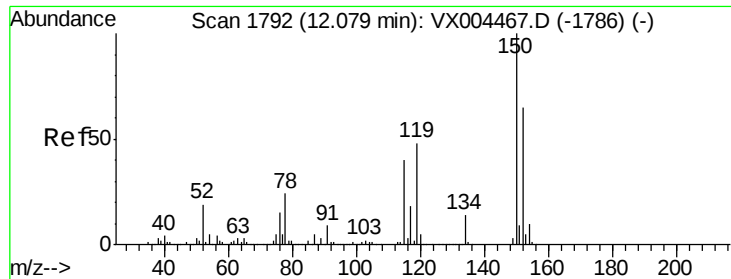
Tot Ion:117 Resp: 332447
Ion Ratio Lower Upper
117 100
82 53.0 47.8 71.6
119 32.0 29.3 43.9



#64
Tetrachloroethene
Concen: 0.30 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004606.D
Acq: 16 Sep 2018 01:46

Tgt Ion:164 Resp: 1237
Ion Ratio Lower Upper
164 100
166 139.4 102.8 154.2
129 117.7 69.4 104.0#
131 102.9 67.9 101.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004606.D

Acq: 16 Sep 2018 01:46

Instrument :

MSVOA_X

ClientSampleId :

BPSI-TT-MW302S-20180912

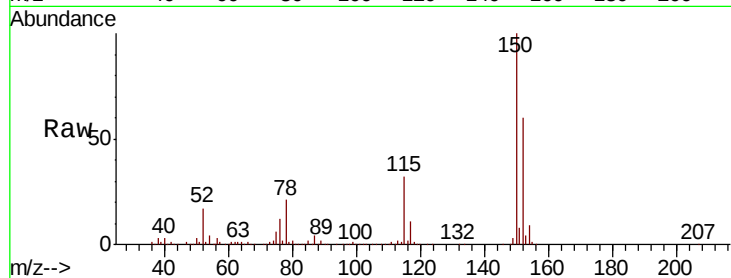
Tot Ion:152 Resp: 204869

Ion Ratio Lower Upper

152 100

115 57.2 39.0 117.0

150 164.6 0.0 351.0



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

