

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004605.D
 Acq On : 16 Sep 2018 01:19
 Operator : JC/MD
 Sample : J4913-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPSI-TT-MW30211-20180912

Quant Time: Sep 17 17:50:10 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

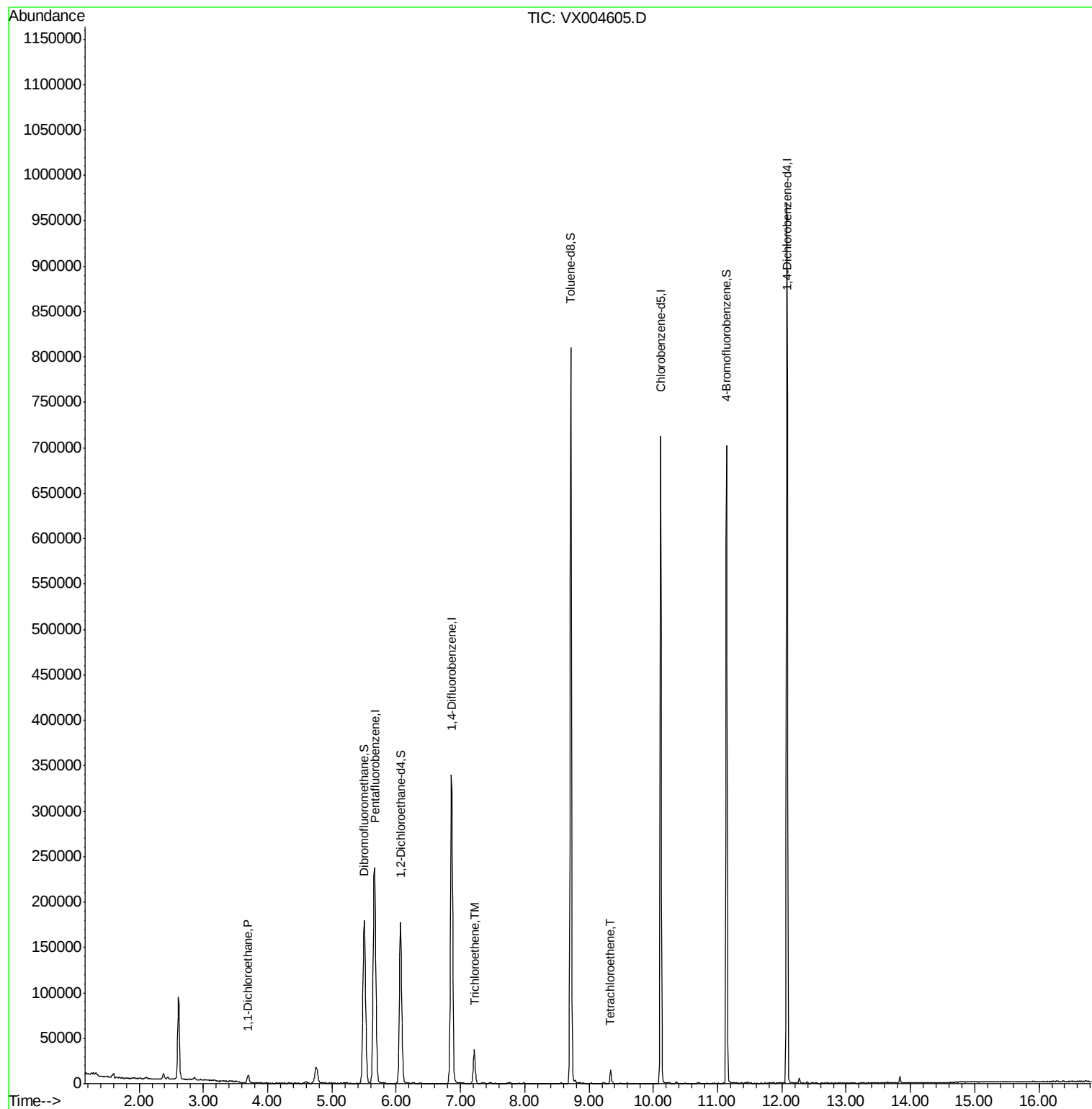
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165158	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	5.50	113	151243	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	8.71	98	494696	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
62) 4-Bromofluorobenzene	11.14	95	174813	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
24) 1,1-Dichloroethane	3.70	63	9793	1.76	ug/l	95
44) Trichloroethene	7.21	130	14323	4.38	ug/l	90
64) Tetrachloroethene	9.34	164	3198	0.77	ug/l	94

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

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
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: VX004605.D

Acq: 16 Sep 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

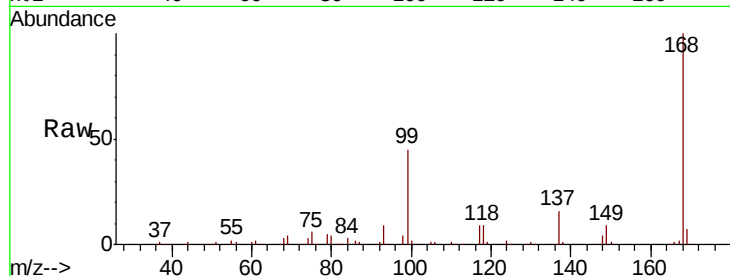
BPSI-TT-MW302I1-20180912

Tot Ion:168 Resp: 255152

Ion Ratio Lower Upper

168 100

99 45.2 39.9 59.9

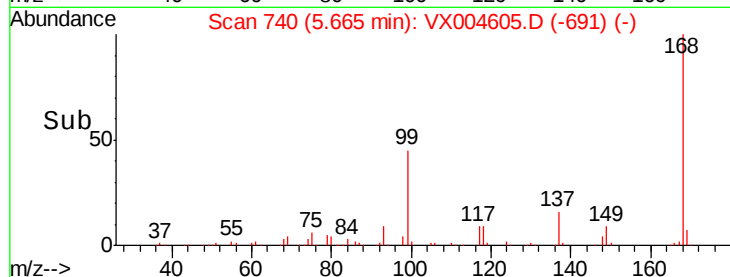


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX

5.67

Time-->



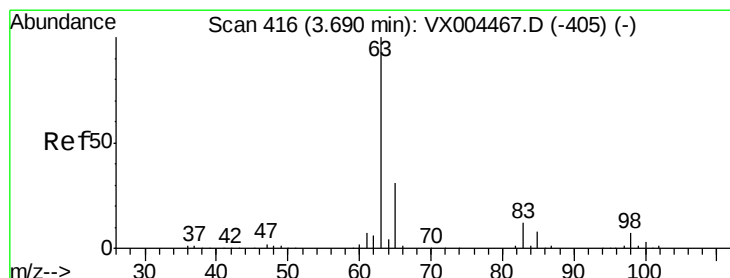
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX

5.67

Time-->



#24

1,1-Dichloroethane

Concen: 1.76 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004605.D

Acq: 16 Sep 2018 01:19

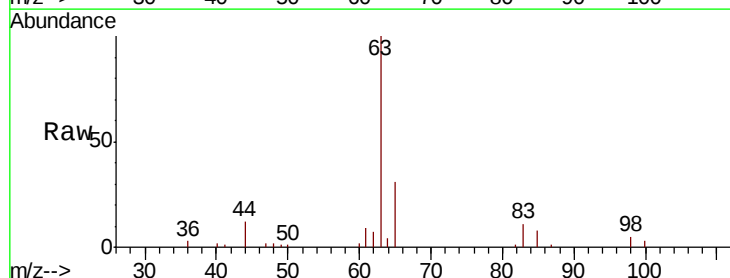
Tgt Ion: 63 Resp: 9793

Ion Ratio Lower Upper

63 100

98 5.3 3.5 10.4

100 3.0 2.4 7.1



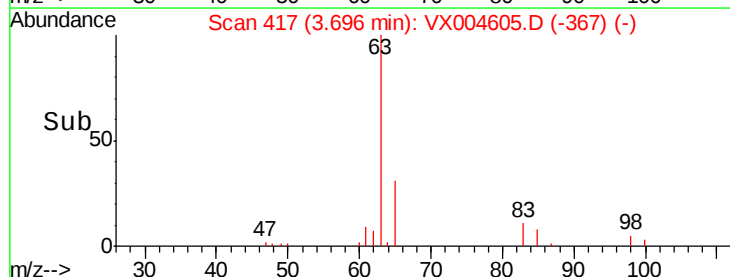
Abundance Ion 62.90 (62.60 to 63.60): VX

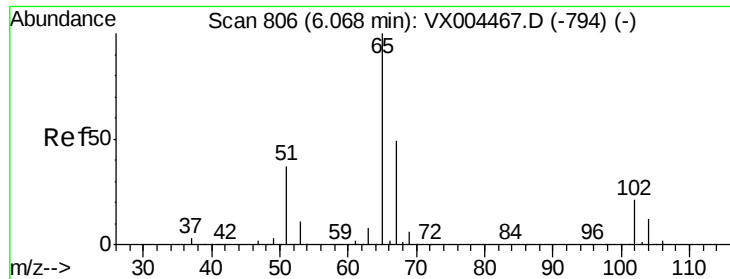
Ion 97.90 (97.60 to 98.60): VX

Ion 99.90 (99.60 to 100.60): VX

3.70

Time-->

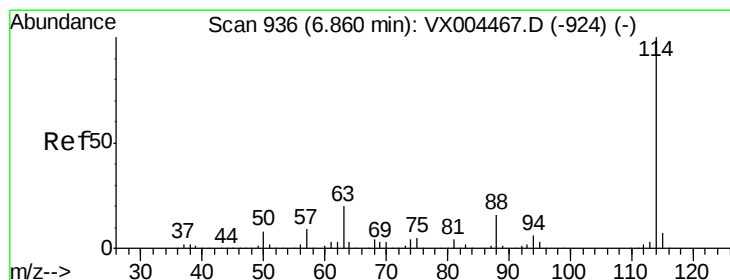
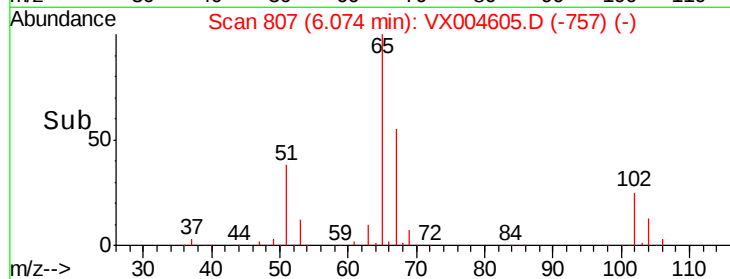
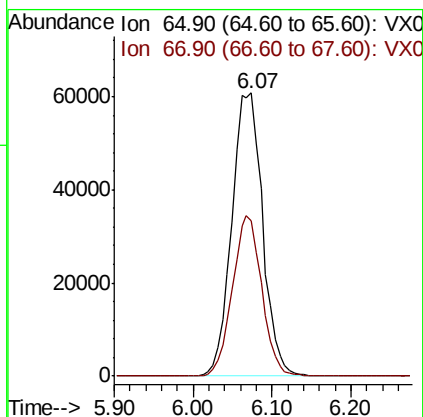
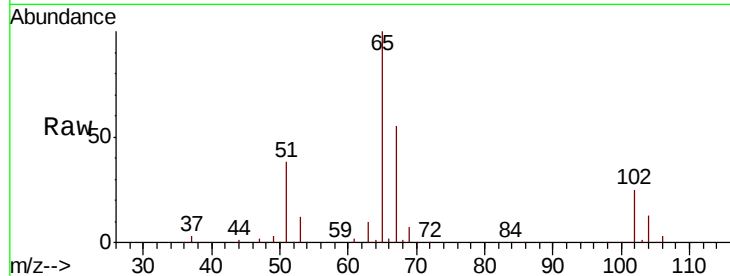




#33
 1,2-Dichloroethane-d4
 Concen: 50.20 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004605.D
 Acq: 16 Sep 2018 01:19

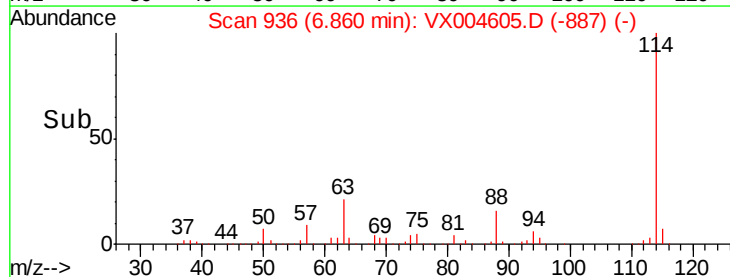
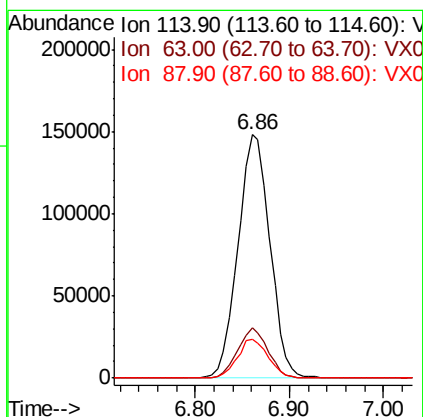
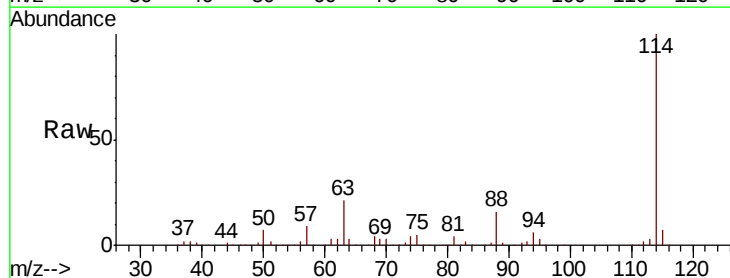
Instrument :
 MSVOA_X
 ClientSampleId :
 BPSI-TT-MW302I1-20180912

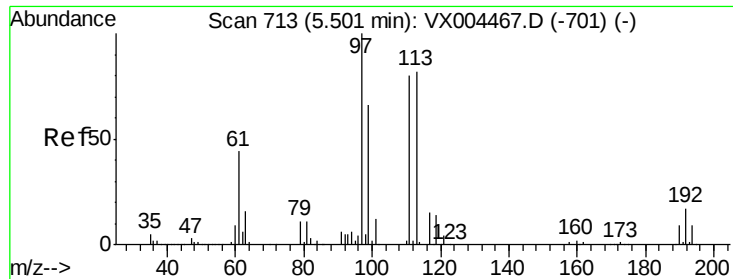
Tot Ion: 65 Resp: 165158
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004605.D
 Acq: 16 Sep 2018 01:19

Tgt Ion: 114 Resp: 349266
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.0
 88 16.2 0.0 30.4

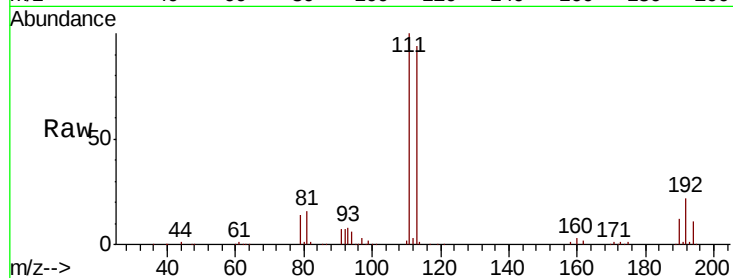




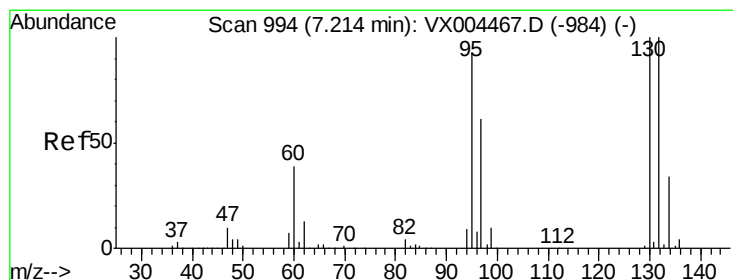
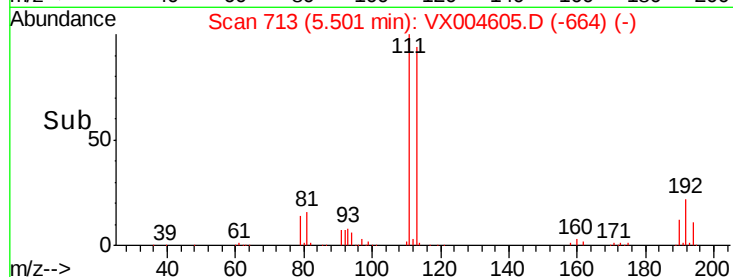
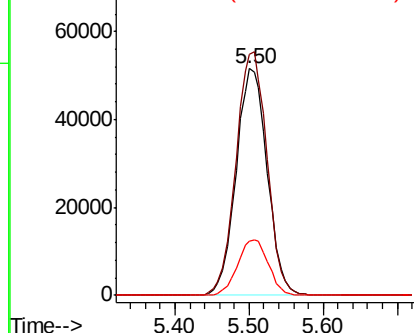
#35
 Dibromofluoromethane
 Concen: 47.32 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004605.D
 Acq: 16 Sep 2018 01:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BPSI-TT-MW302I1-20180912

Tot Ion:113 Resp: 151243
 Ion Ratio Lower Upper
 113 100
 111 107.3 82.4 123.6
 192 24.2 19.4 29.2

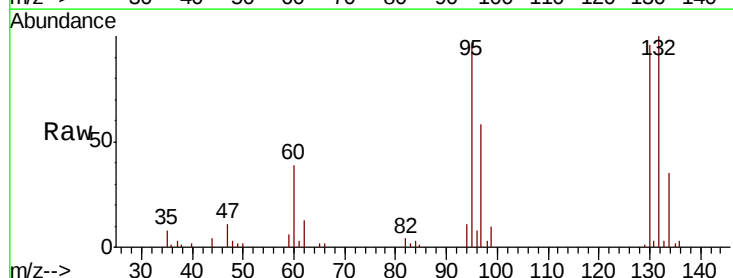


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

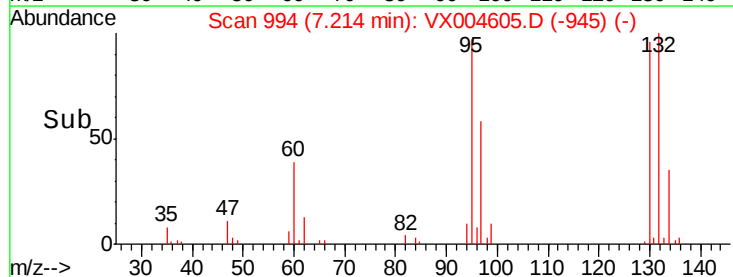
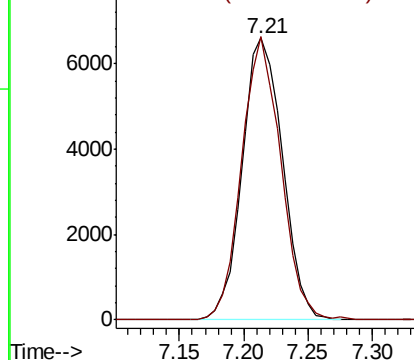


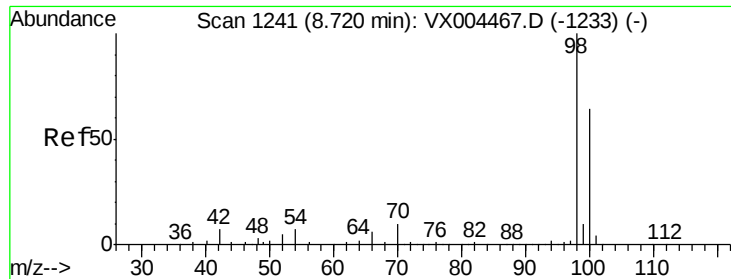
#44
 Trichloroethene
 Concen: 4.38 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004605.D
 Acq: 16 Sep 2018 01:19

Tgt Ion:130 Resp: 14323
 Ion Ratio Lower Upper
 130 100
 95 100.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 46.15 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004605.D

Acq: 16 Sep 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

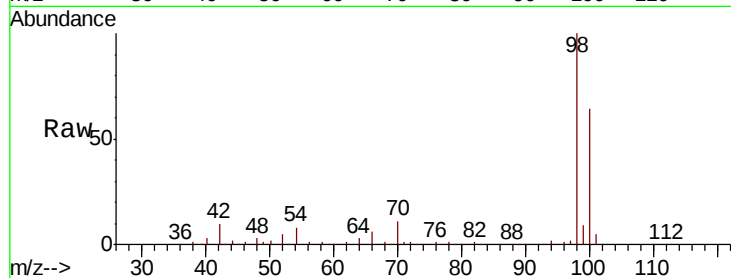
BPSI-TT-MW302I1-20180912

Tot Ion: 98 Resp: 494696

Ion Ratio Lower Upper

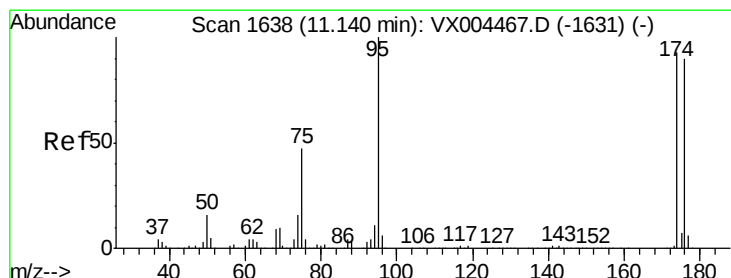
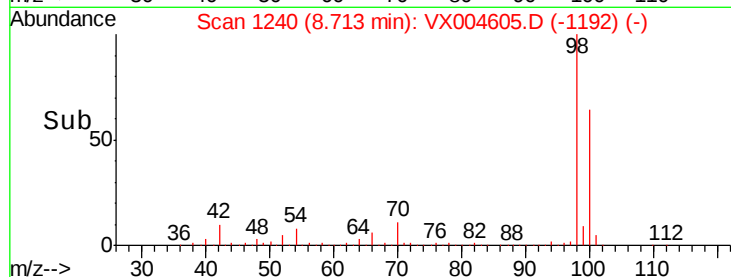
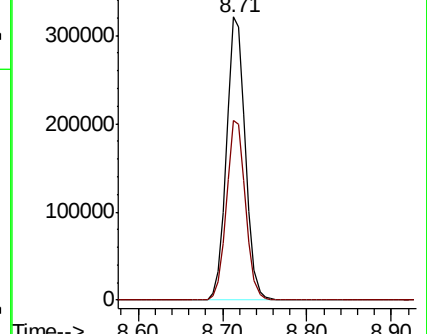
98 100

100 63.9 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: 45.69 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004605.D

Acq: 16 Sep 2018 01:19

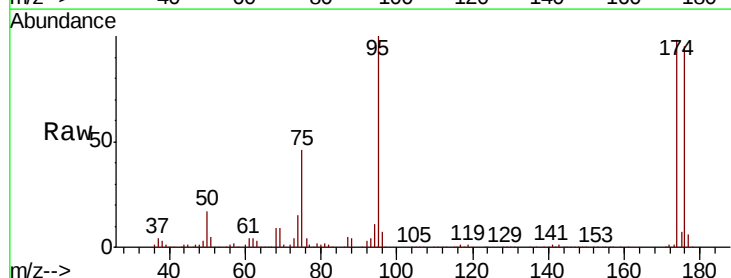
Tgt Ion: 95 Resp: 174813

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.2

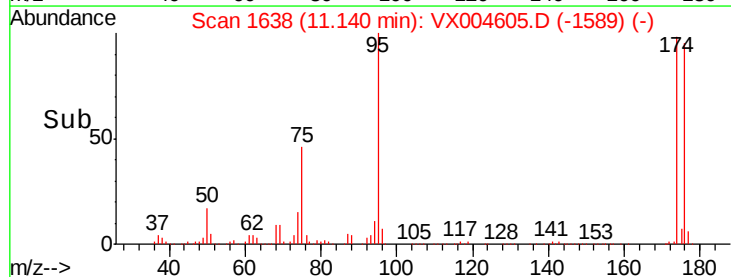
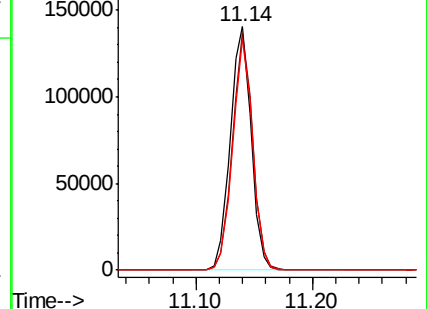
176 91.0 0.0 178.6

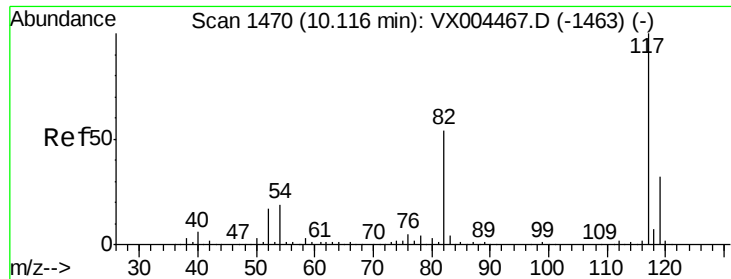


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

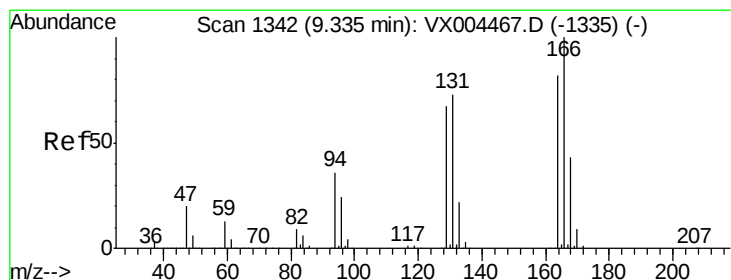
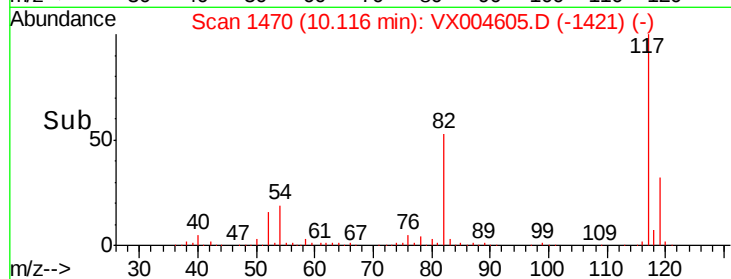
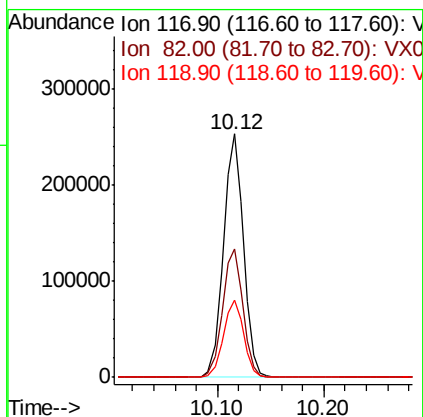
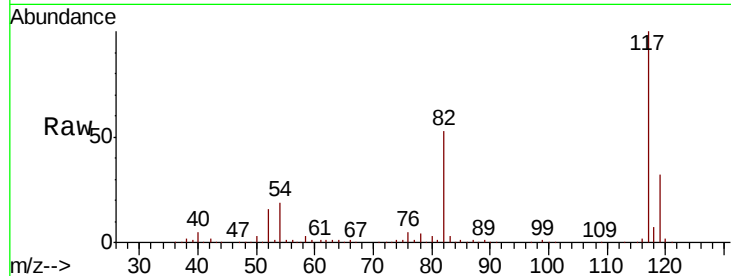




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004605.D
Acq: 16 Sep 2018 01:19

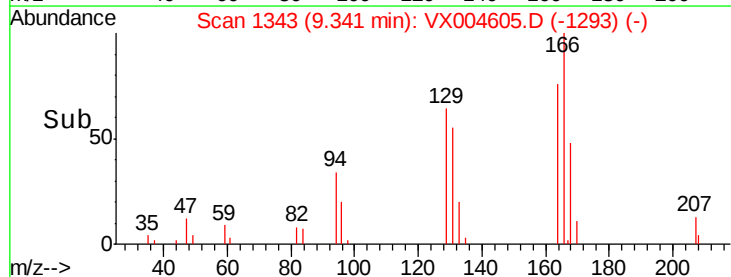
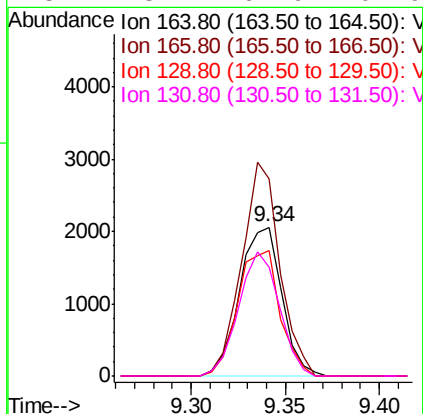
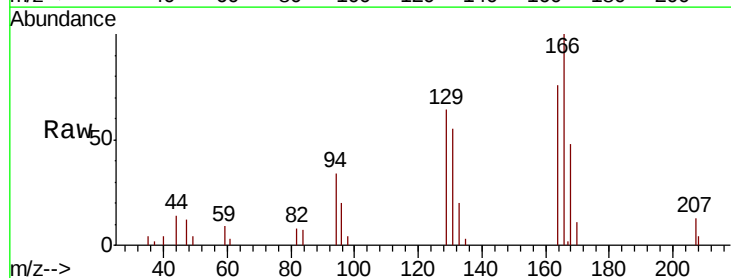
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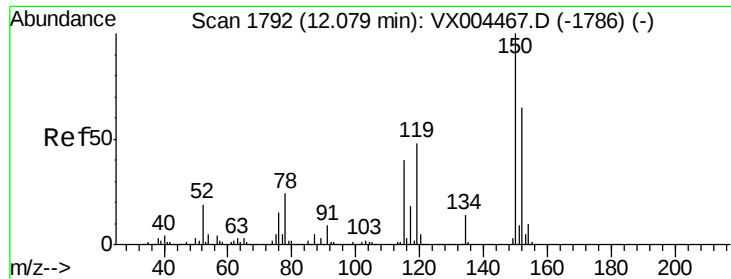
Tot Ion:117 Resp: 333004
Ion Ratio Lower Upper
117 100
82 52.6 47.8 71.6
119 31.9 29.3 43.9



#64
Tetrachloroethene
Concen: 0.77 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX004605.D
Acq: 16 Sep 2018 01:19

Tgt Ion:164 Resp: 3198
Ion Ratio Lower Upper
164 100
166 132.1 102.8 154.2
129 84.2 69.4 104.0
131 73.1 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: VX004605.D

Acq: 16 Sep 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

BPSI-TT-MW302I1-20180912

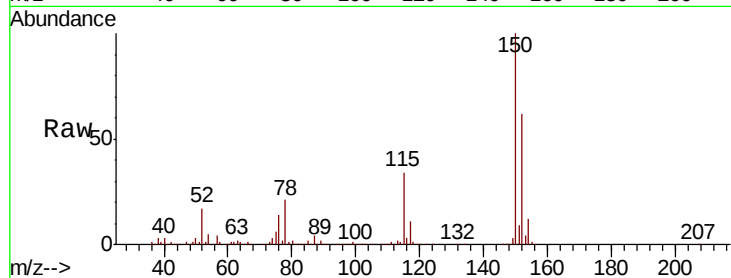
Tot Ion:152 Resp: 209701

Ion Ratio Lower Upper

152 100

115 52.3 39.0 117.0

150 154.1 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

