

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006323.D
 Acq On : 06 Dec 2018 17:24
 Operator : JC/MD
 Sample : J6259-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302S-20181205

Quant Time: Dec 07 05:48:50 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

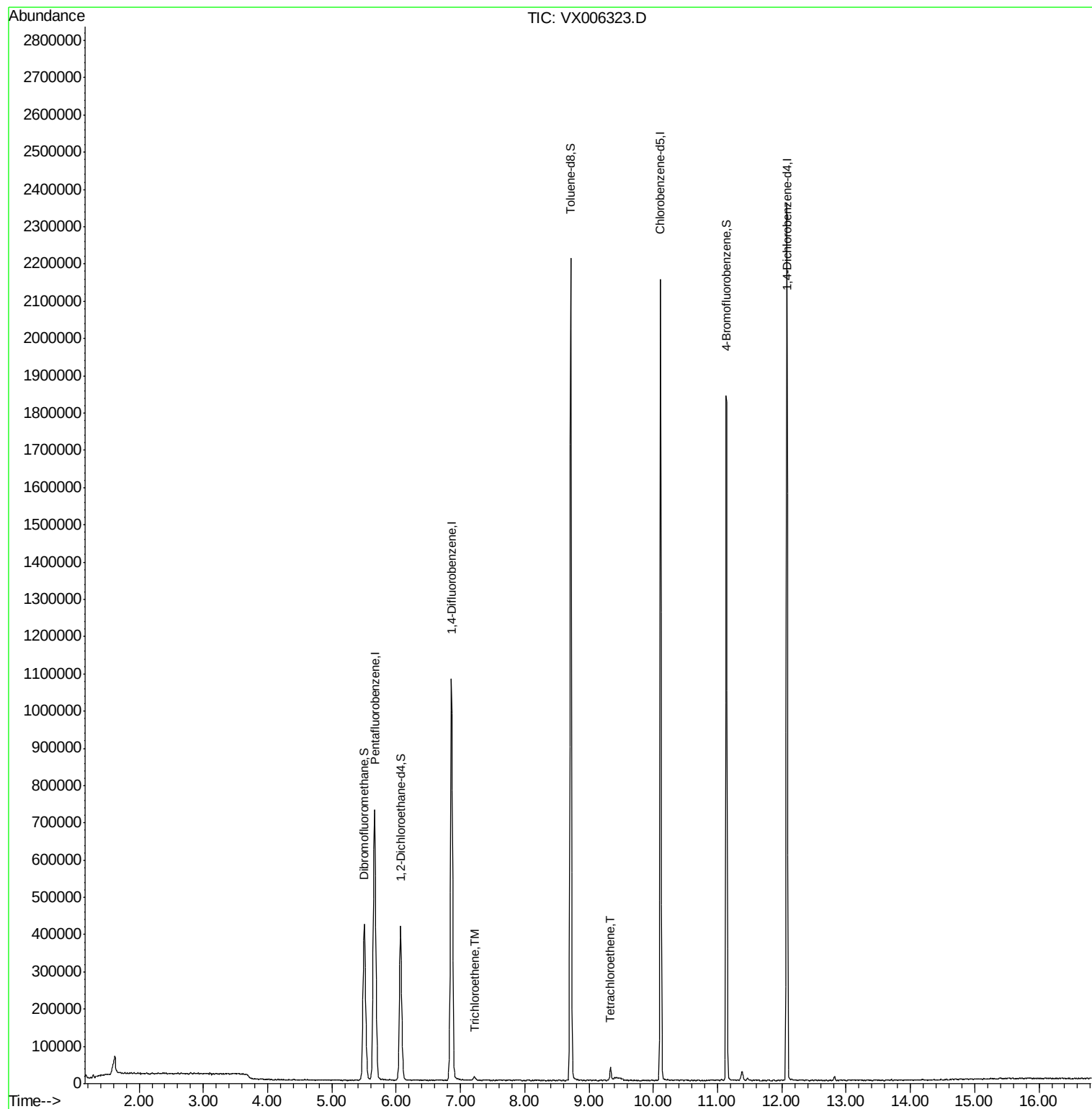
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	757559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1173341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1062221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	508701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	382647	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
35) Dibromofluoromethane	5.50	113	363377	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	8.71	98	1361882	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.13	95	503776	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
Target Compounds						
44) Trichloroethene	7.21	130	4070	0.454	ug/l	98
64) Tetrachloroethene	9.34	164	5832	0.729	ug/l	88

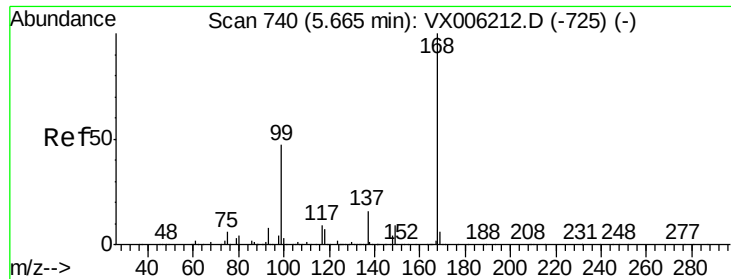
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006323.D

Acq: 06 Dec 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

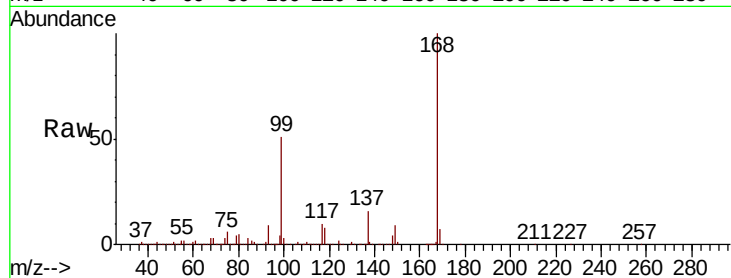
BPS1-TT-MW302S-20181205

Tot Ion:168 Resp: 757559

Ion Ratio Lower Upper

168 100

99 51.4 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

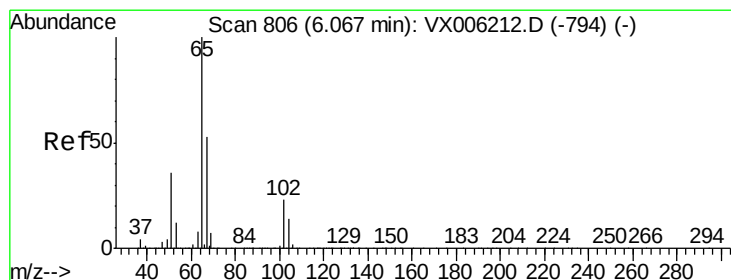
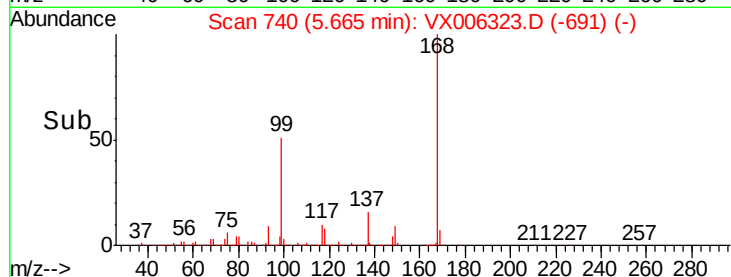
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.479 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006323.D

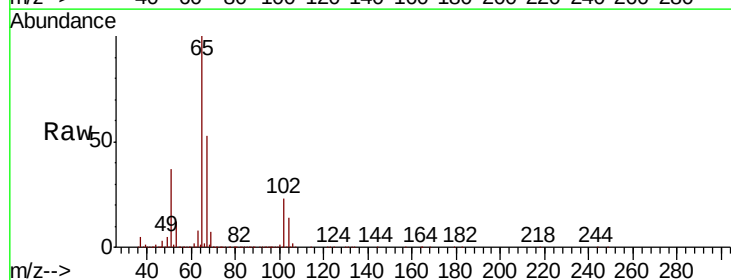
Acq: 06 Dec 2018 17:24

Tgt Ion: 65 Resp: 382647

Ion Ratio Lower Upper

65 100

67 52.9 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

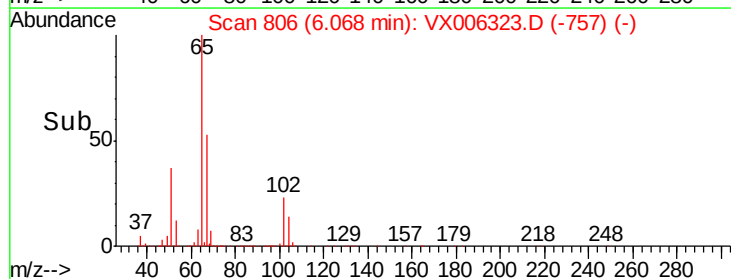
100000

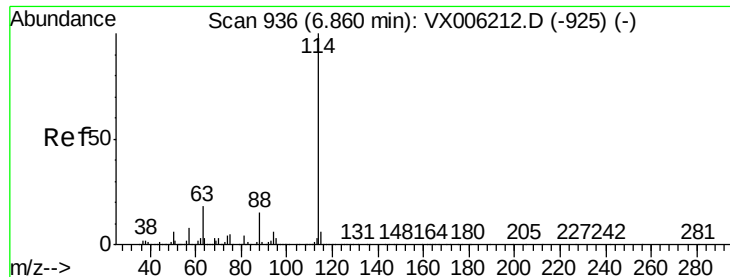
50000

0

Time-->

5.90 6.00 6.10 6.20

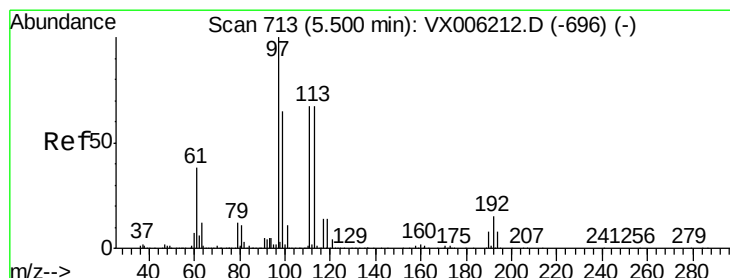
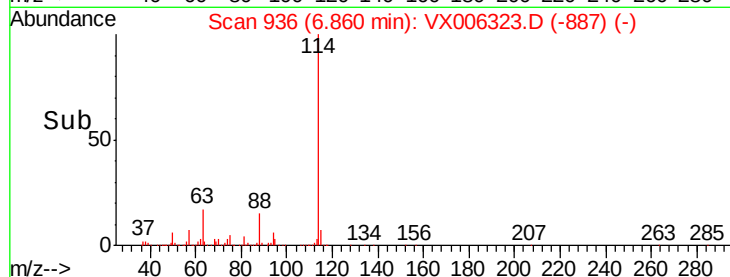
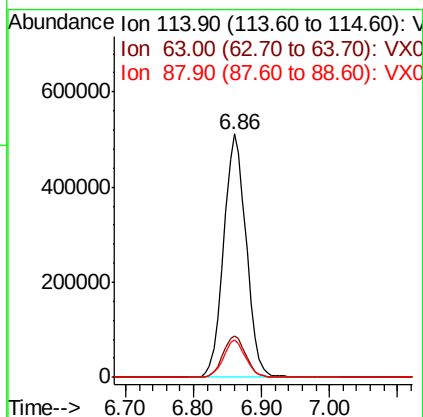
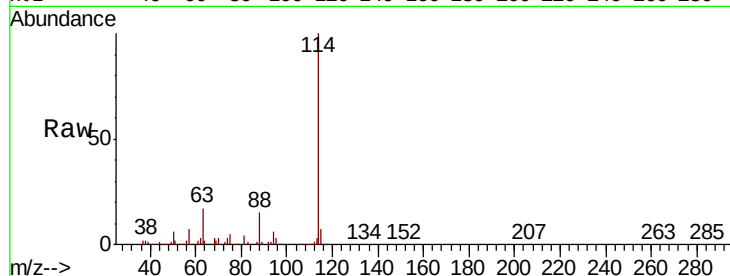




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006323.D
 Acq: 06 Dec 2018 17:24

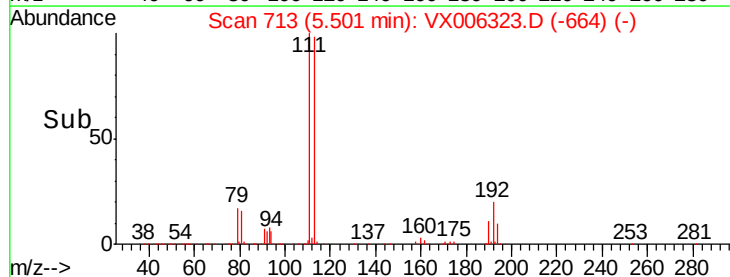
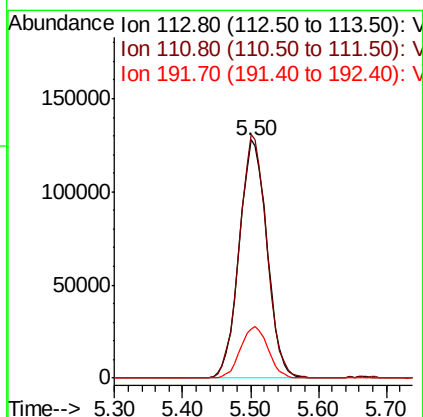
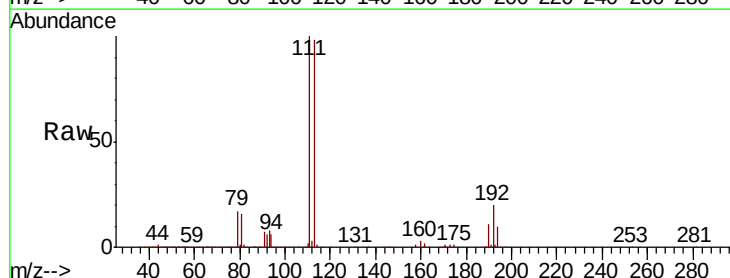
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302S-20181205

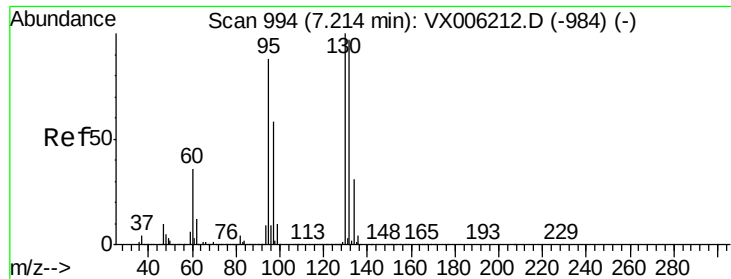
Tot Ion:114 Resp: 1173341
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 36.6
 88 15.3 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 47.832 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006323.D
 Acq: 06 Dec 2018 17:24

Tgt Ion:113 Resp: 363377
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.1 121.7
 192 21.4 18.2 27.2





#44

Trichloroethene

Concen: 0.454 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006323.D

Acq: 06 Dec 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

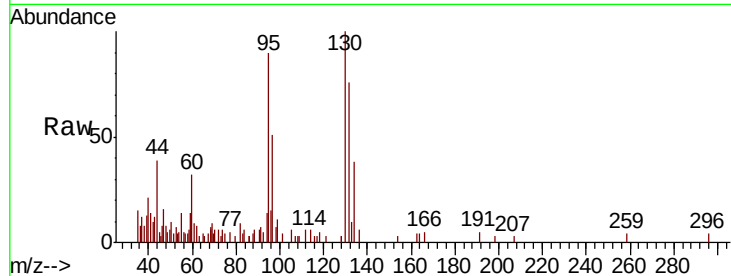
BPS1-TT-MW302S-20181205

Tot Ion:130 Resp: 4070

Ion Ratio Lower Upper

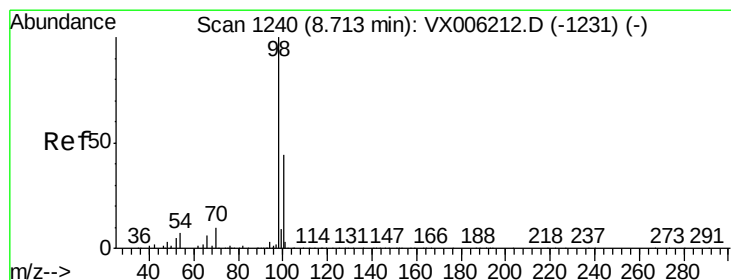
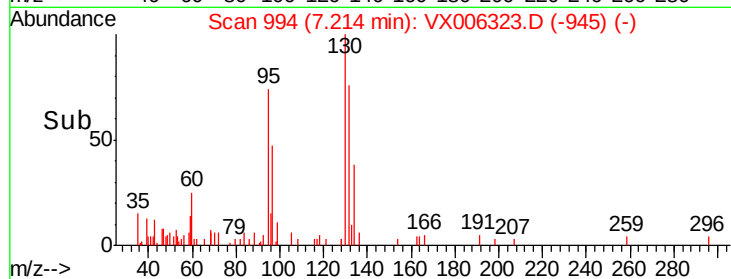
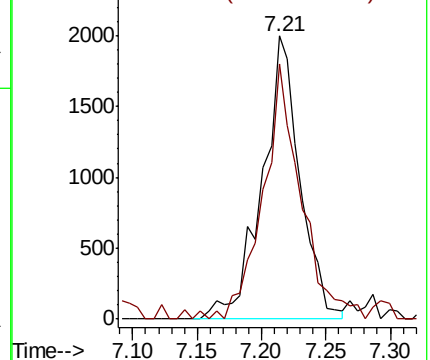
130 100

95 90.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.284 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006323.D

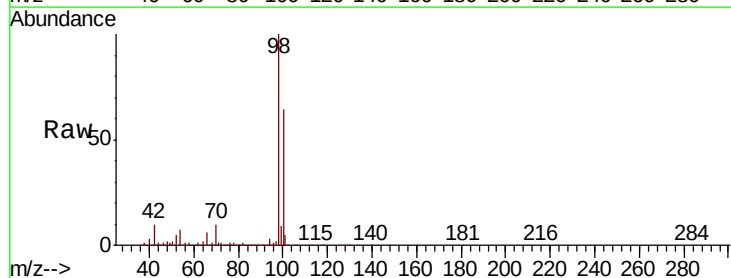
Acq: 06 Dec 2018 17:24

Tgt Ion: 98 Resp: 1361882

Ion Ratio Lower Upper

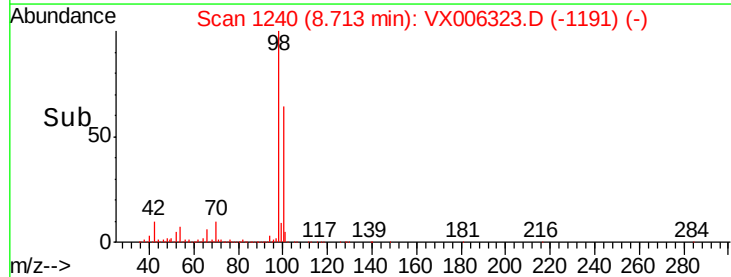
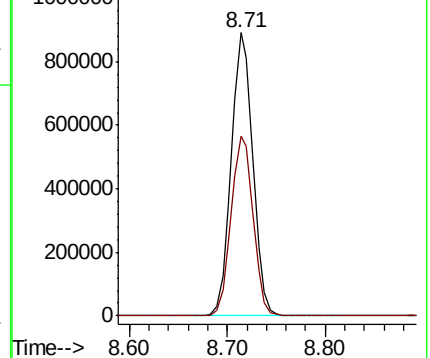
98 100

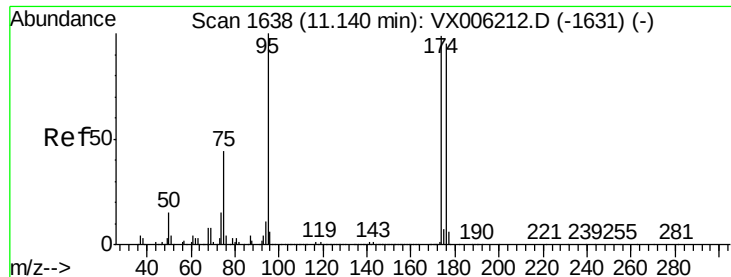
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.380 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006323.D

Acq: 06 Dec 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302S-20181205

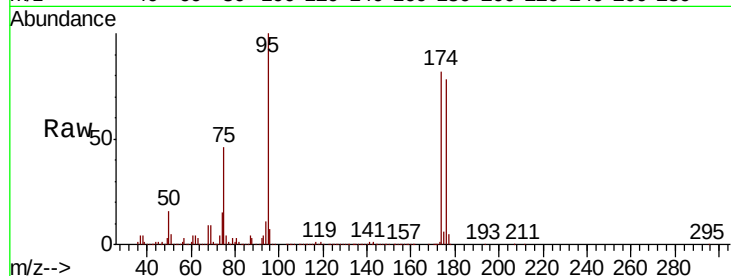
Tot Ion: 95 Resp: 503776

Ion Ratio Lower Upper

95 100

174 88.4 0.0 187.0

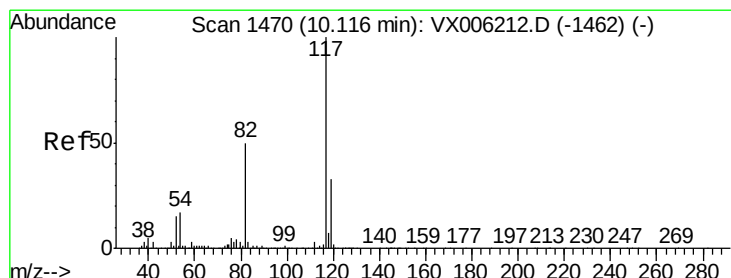
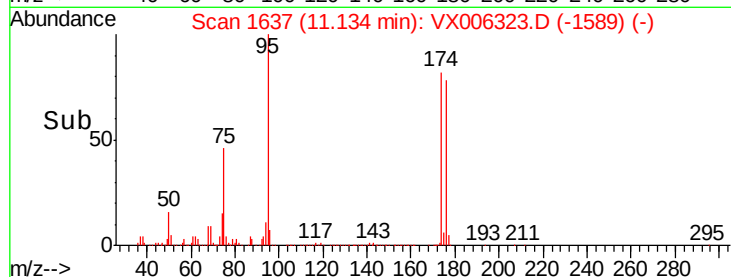
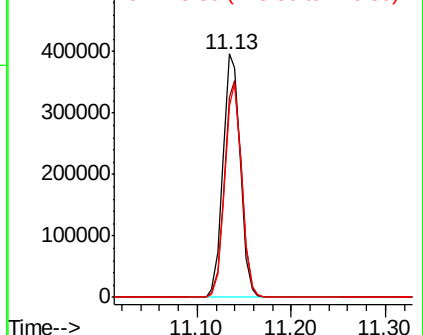
176 86.0 0.0 181.8



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006323.D

Acq: 06 Dec 2018 17:24

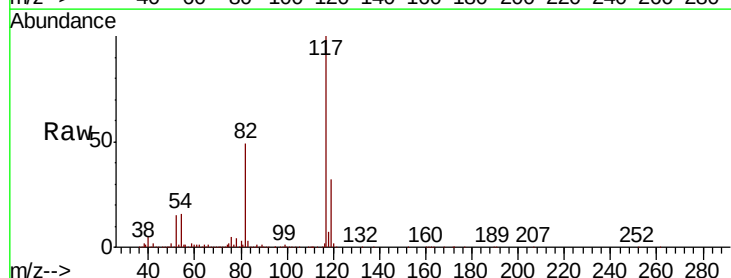
Tgt Ion: 117 Resp: 1062221

Ion Ratio Lower Upper

117 100

82 48.7 39.6 59.4

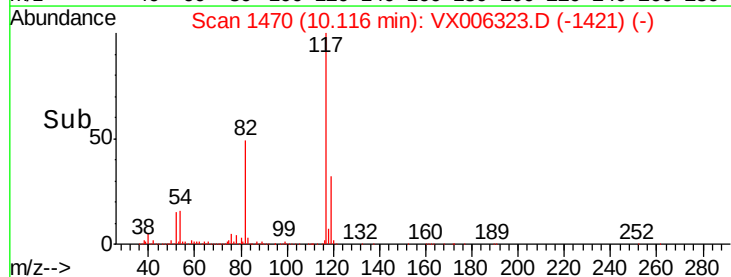
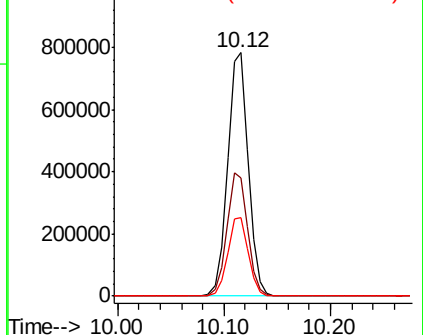
119 32.3 26.3 39.5

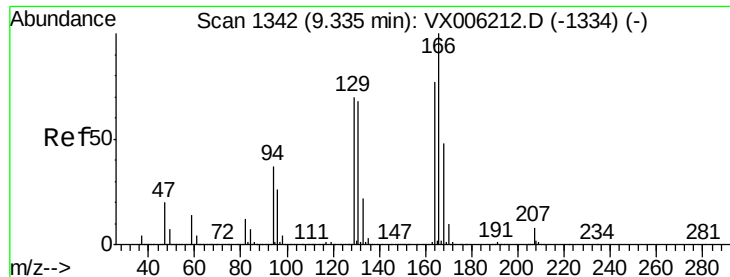


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.729 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006323.D

Acq: 06 Dec 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302S-20181205

Tot Ion:164 Resp: 5832

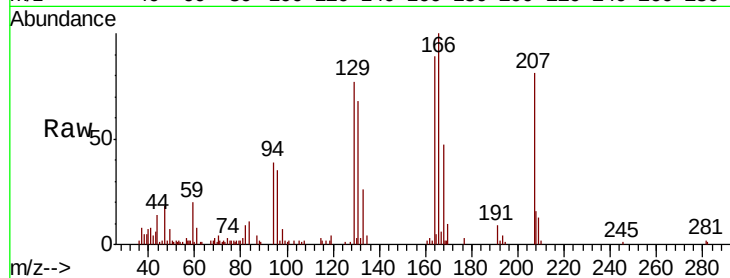
Ion Ratio Lower Upper

164 100

166 111.0 104.2 156.2

129 86.6 72.6 108.8

131 76.1 70.3 105.5

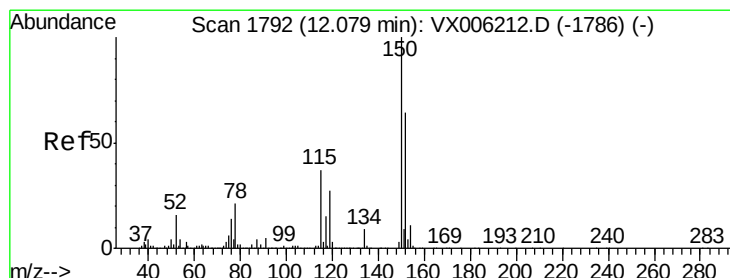
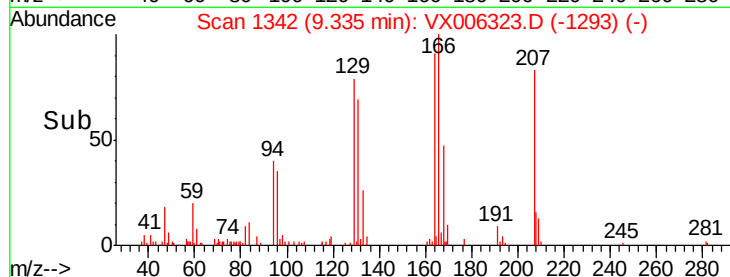
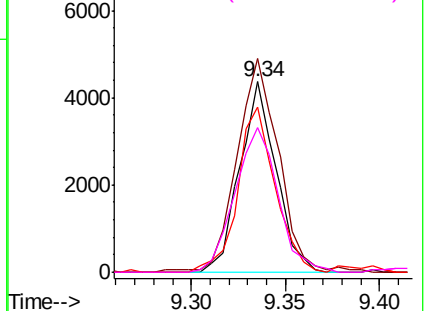


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX006323.D

Acq: 06 Dec 2018 17:24

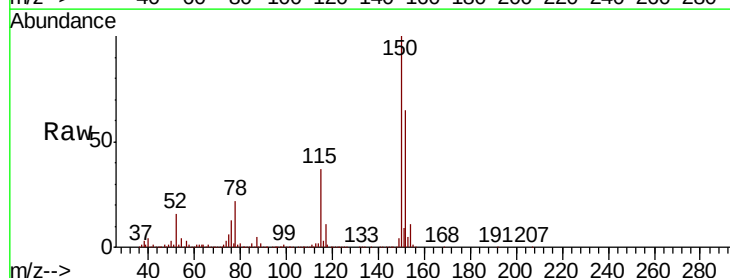
Tgt Ion:152 Resp: 508701

Ion Ratio Lower Upper

152 100

115 56.8 39.0 116.9

150 156.4 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

