

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006318.D
 Acq On : 06 Dec 2018 15:11
 Operator : JC/MD
 Sample : J6250-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20181204

Quant Time: Dec 07 05:41:17 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

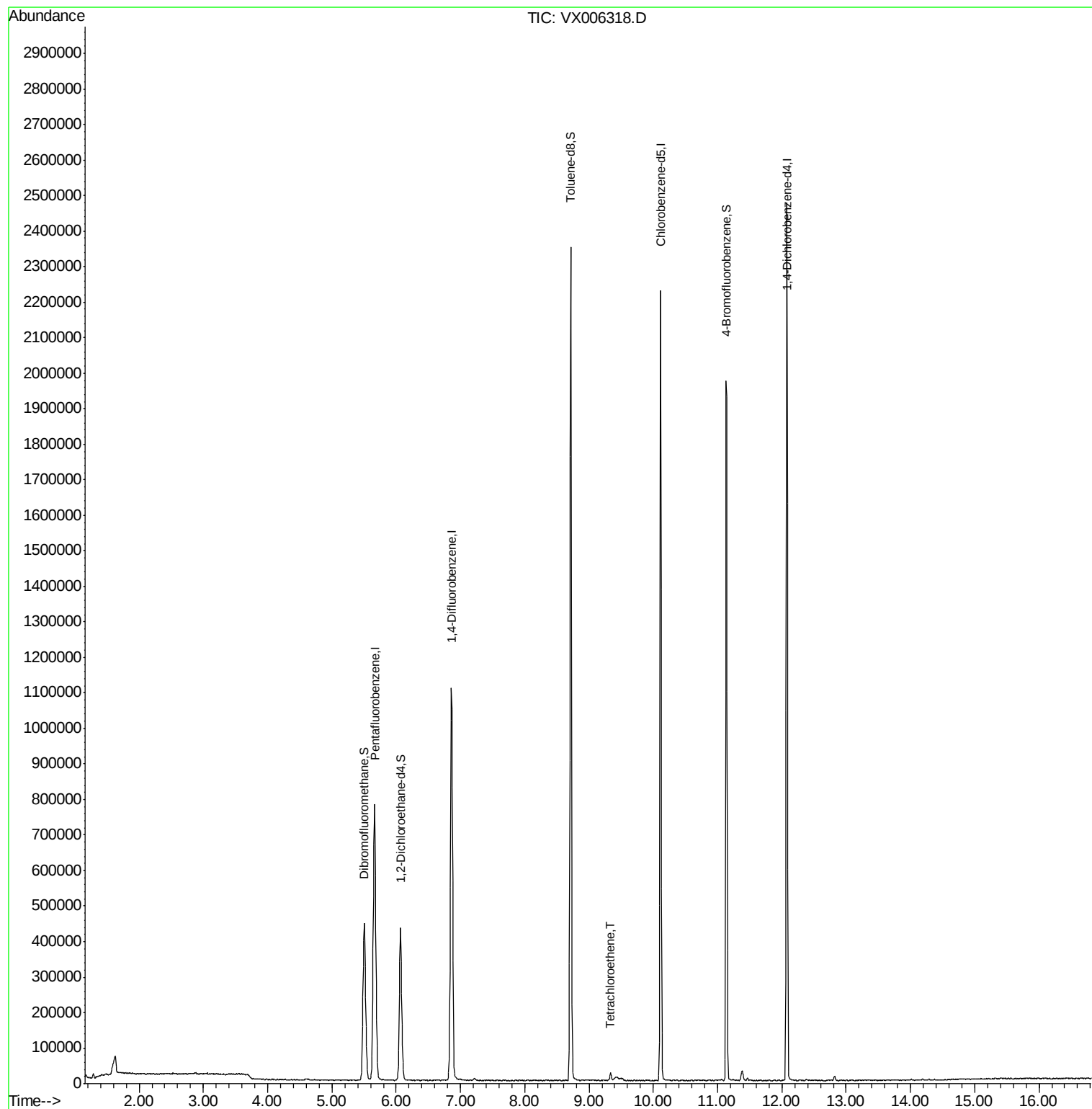
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	808257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1227723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1121726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	544493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	406250	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
35) Dibromofluoromethane	5.50	113	381041	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	8.71	98	1426628	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	532942	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
Target Compounds						
64) Tetrachloroethene	9.34	164	2189	0.259	ug/l #	Qvalue 65

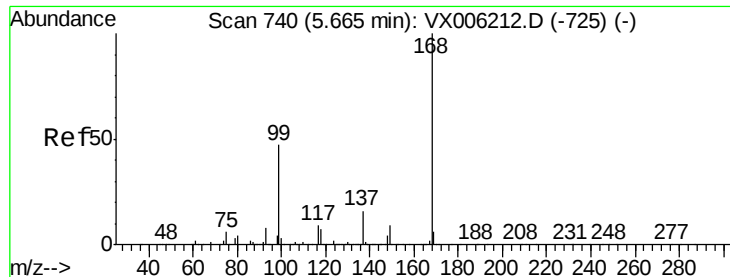
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006318.D

Acq: 06 Dec 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

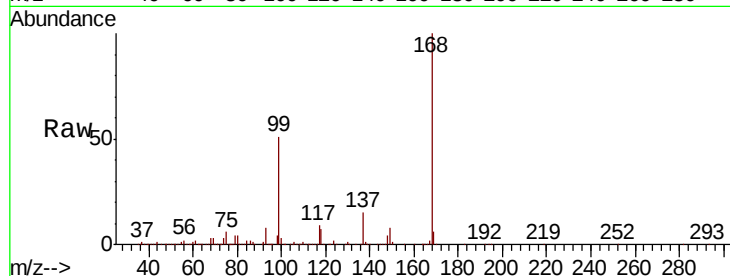
BPS1-TT-MW304D-20181204

Tot Ion:168 Resp: 808257

Ion Ratio Lower Upper

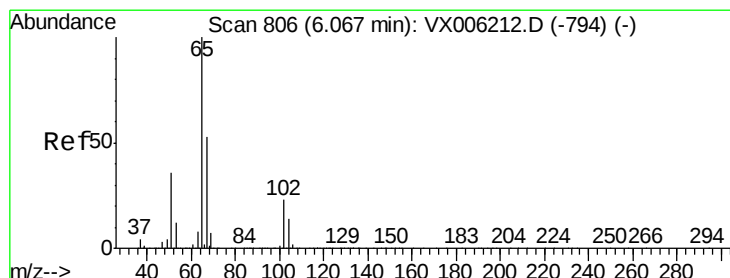
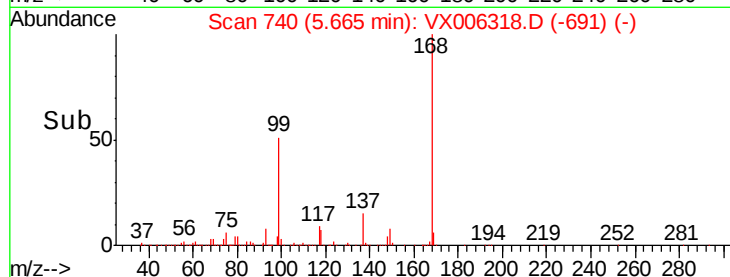
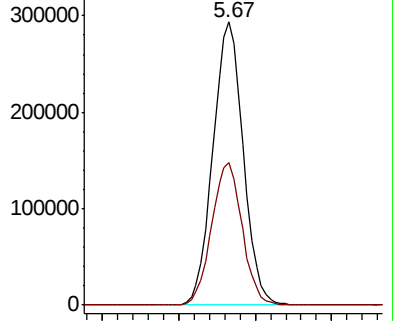
168 100

99 50.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.236 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006318.D

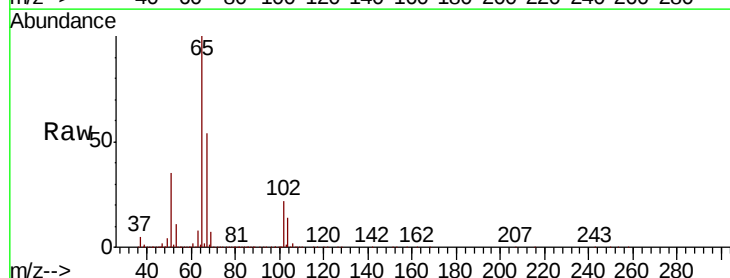
Acq: 06 Dec 2018 15:11

Tgt Ion: 65 Resp: 406250

Ion Ratio Lower Upper

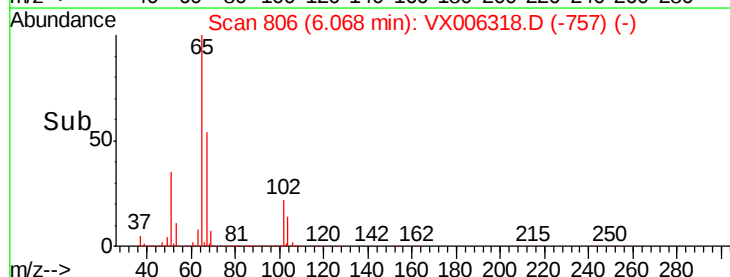
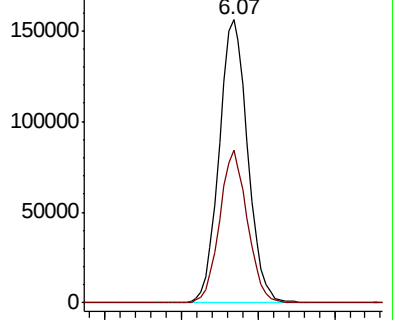
65 100

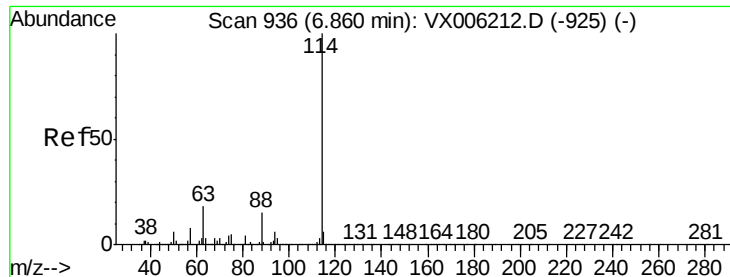
67 52.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006318.D

Acq: 06 Dec 2018 15:11

Instrument :

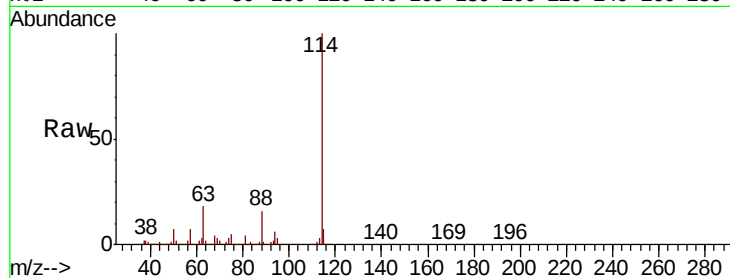
MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20181204

Tot Ion:114 Resp: 1227723

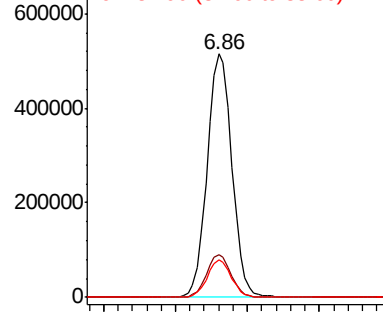
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.6
88	15.7	0.0	29.0



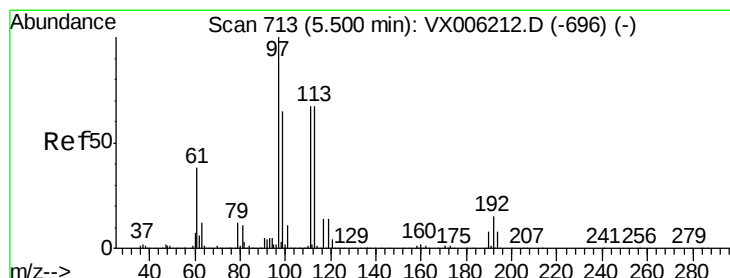
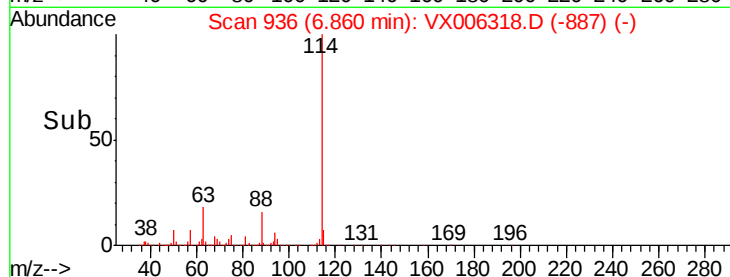
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->



#35

Dibromofluoromethane

Concen: 47.936 ug/l

RT: 5.50 min Scan# 713

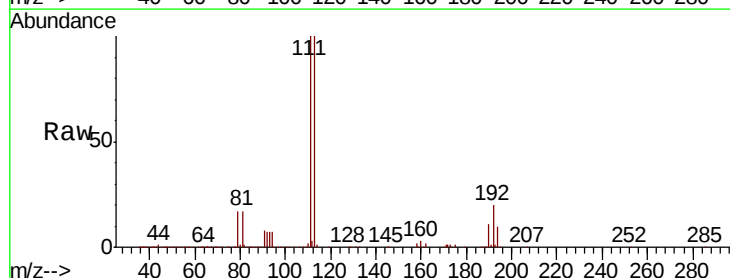
Delta R.T. 0.00 min

Lab File: VX006318.D

Acq: 06 Dec 2018 15:11

Tgt Ion:113 Resp: 381041

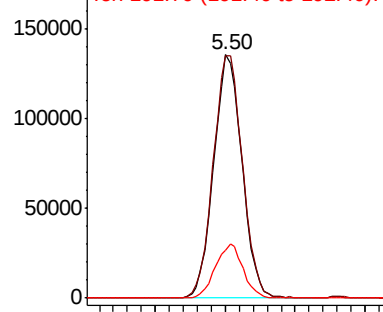
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	21.7	18.2	27.2



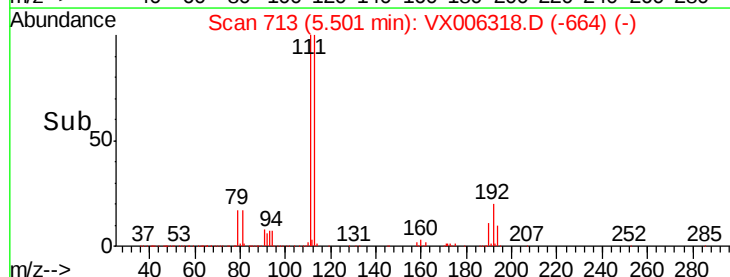
Abundance Ion 112.80 (112.50 to 113.50): V

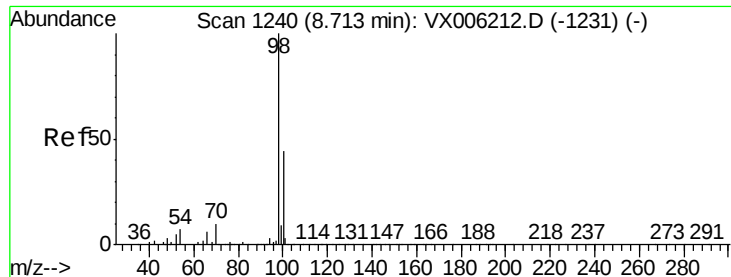
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 49.340 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006318.D

Acq: 06 Dec 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

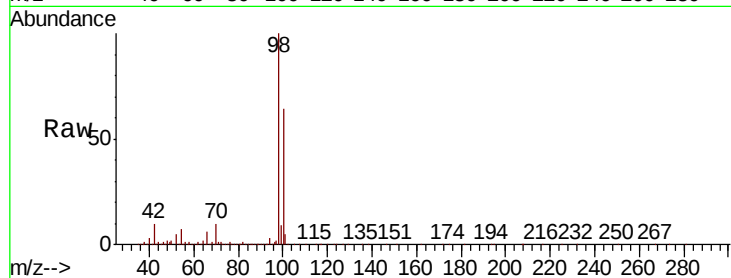
BPS1-TT-MW304D-20181204

Tot Ion: 98 Resp: 1426628

Ion Ratio Lower Upper

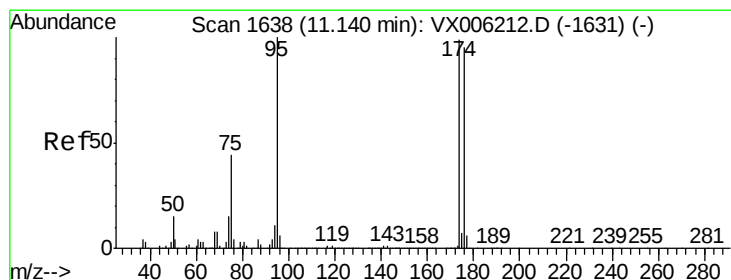
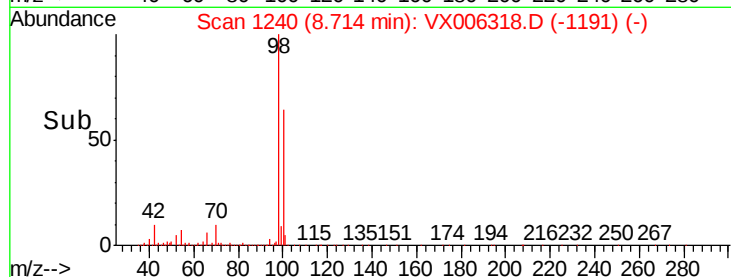
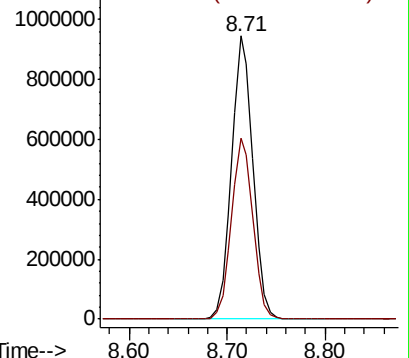
98 100

100 64.5 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: 48.913 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006318.D

Acq: 06 Dec 2018 15:11

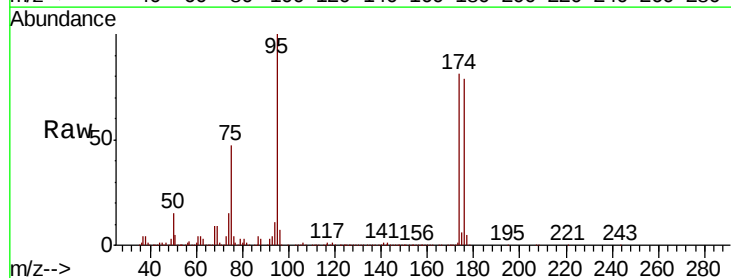
Tgt Ion: 95 Resp: 532942

Ion Ratio Lower Upper

95 100

174 89.0 0.0 187.0

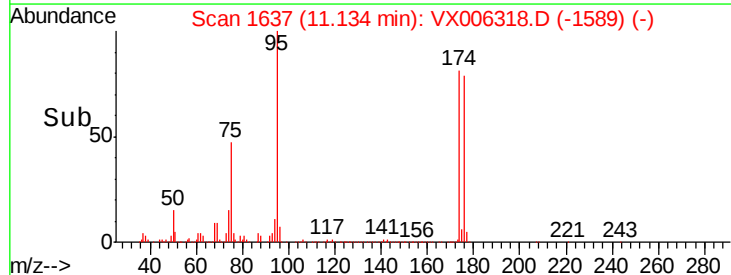
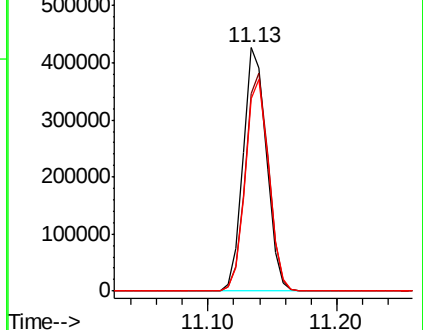
176 87.2 0.0 181.8

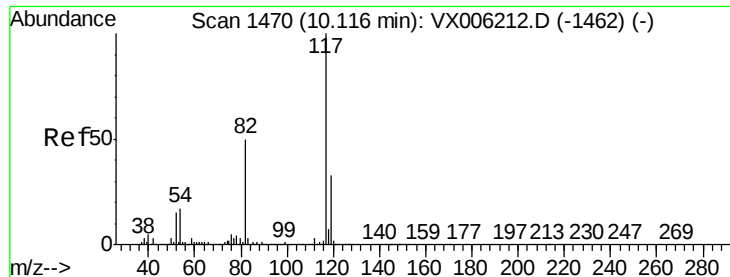


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

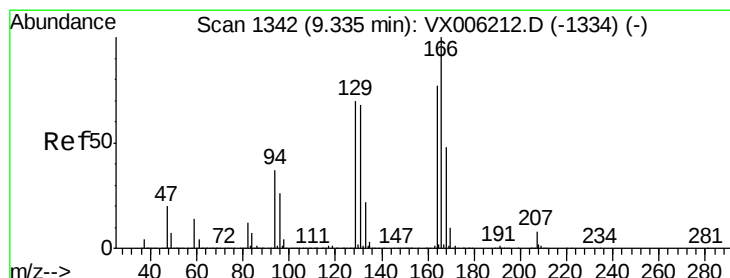
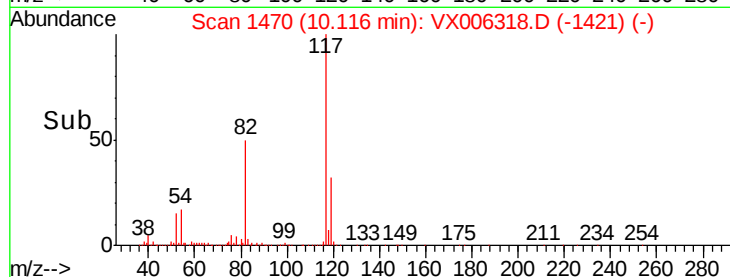
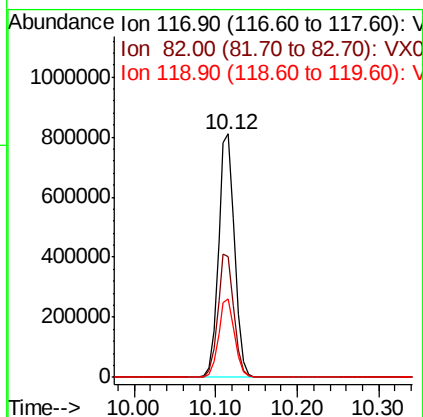
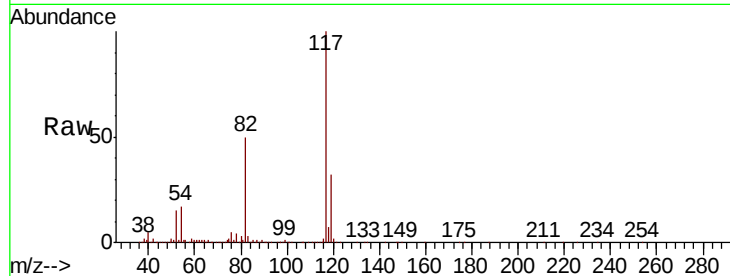




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006318.D
Acq: 06 Dec 2018 15:11

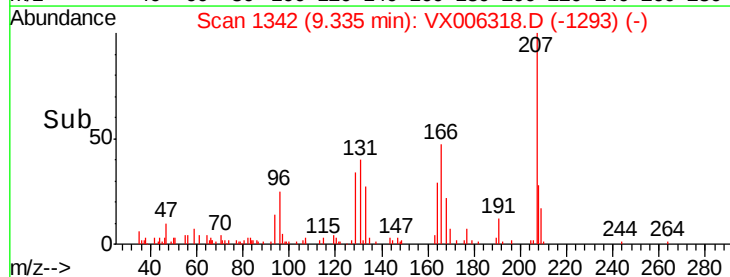
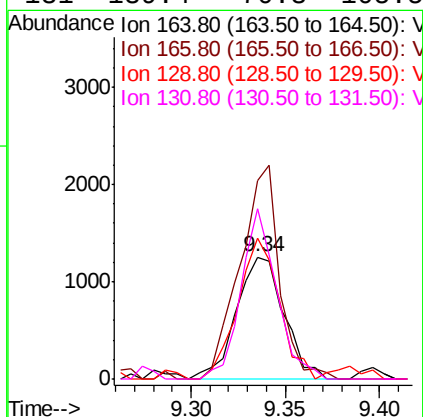
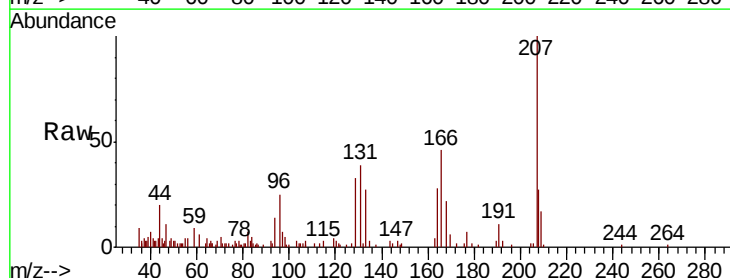
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20181204

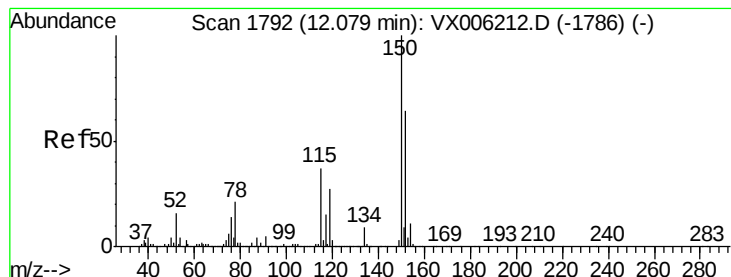
Tot Ion:117 Resp: 1121726
Ion Ratio Lower Upper
117 100
82 49.7 39.6 59.4
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 0.259 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006318.D
Acq: 06 Dec 2018 15:11

Tgt Ion:164 Resp: 2189
Ion Ratio Lower Upper
164 100
166 163.1 104.2 156.2#
129 115.7 72.6 108.8#
131 139.4 70.3 105.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006318.D

Acq: 06 Dec 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20181204

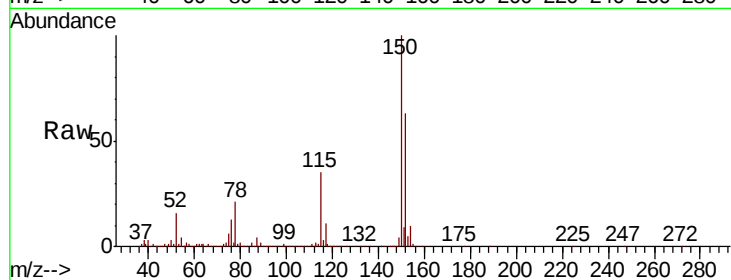
Tot Ion:152 Resp: 544493

Ion Ratio Lower Upper

152 100

115 55.6 39.0 116.9

150 156.0 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

