

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006380.D
 Acq On : 10 Dec 2018 19:45
 Operator : JC/MD
 Sample : J6288-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309S-20181206

Quant Time: Dec 11 04:45:39 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

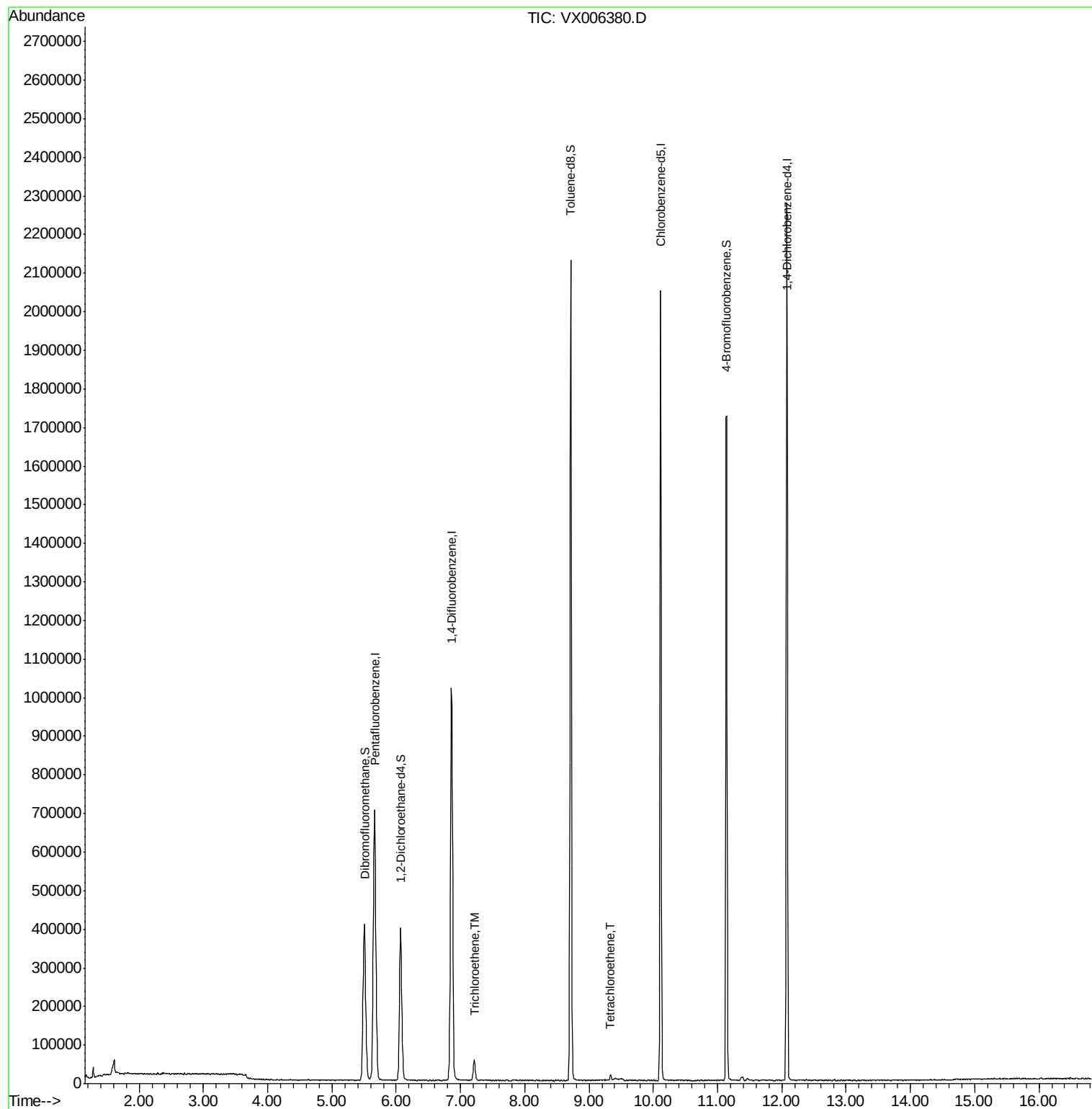
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	720317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1115475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1021087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	485003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	366661	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	5.50	113	346085	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	1308162	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	481129	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
Target Compounds						
44) Trichloroethene	7.21	130	23003	2.699	ug/l	100
64) Tetrachloroethene	9.34	164	2865	0.373	ug/l #	90

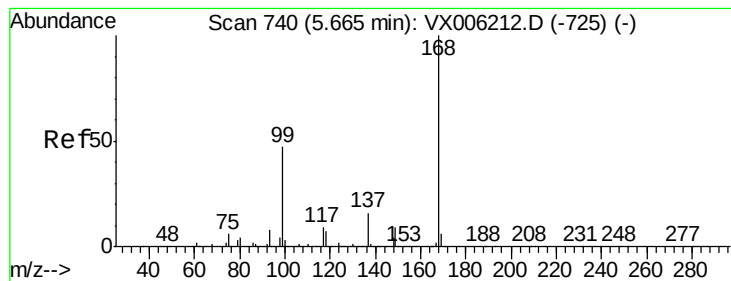
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006380.D

Acq: 10 Dec 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

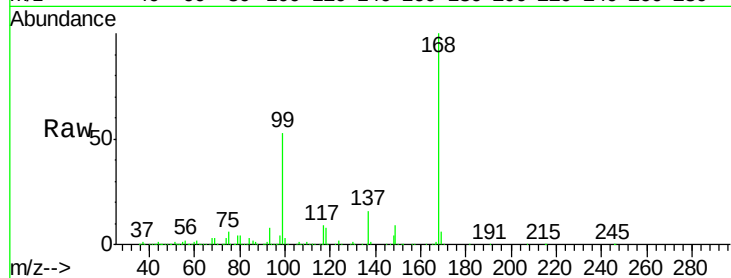
BPS1-TT-MW309S-20181206

Tot Ion:168 Resp: 720317

Ion Ratio Lower Upper

168 100

99 53.1 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

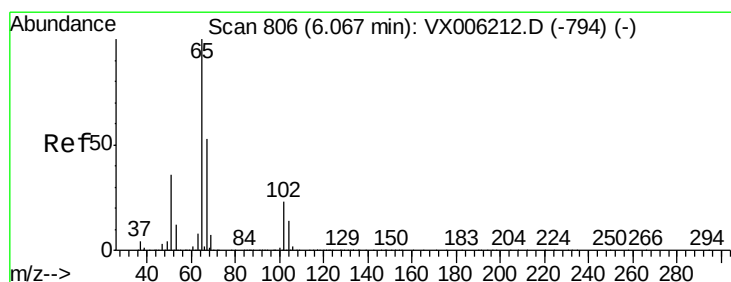
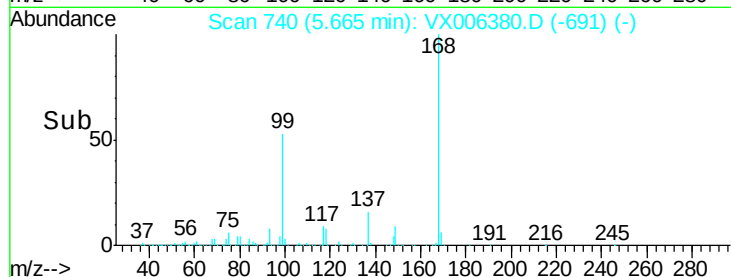
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.864 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006380.D

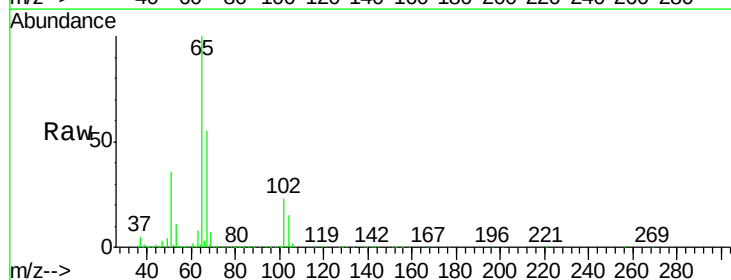
Acq: 10 Dec 2018 19:45

Tgt Ion: 65 Resp: 366661

Ion Ratio Lower Upper

65 100

67 54.0 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

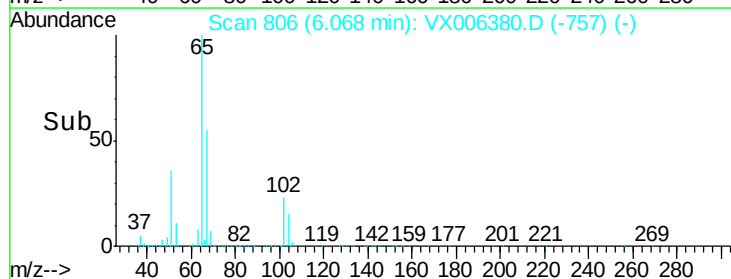
150000

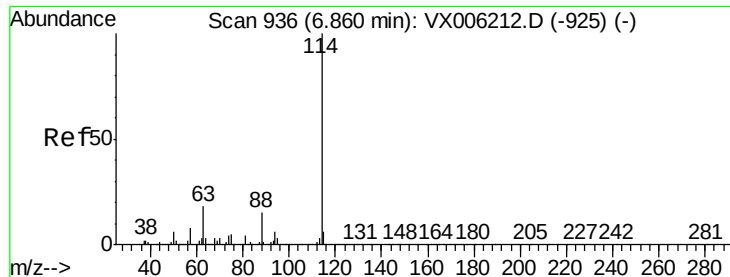
100000

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: VX006380.D

Acq: 10 Dec 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20181206

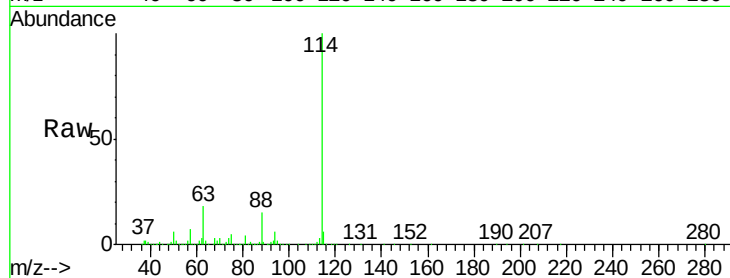
Tot Ion:114 Resp: 1115475

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

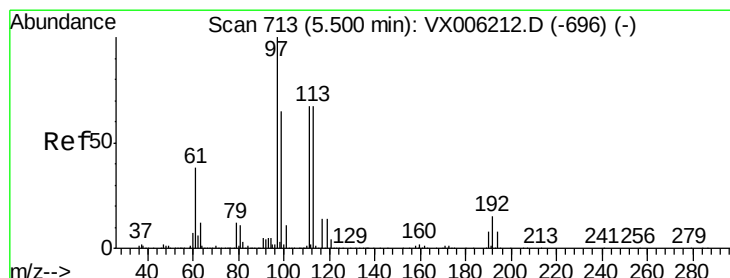
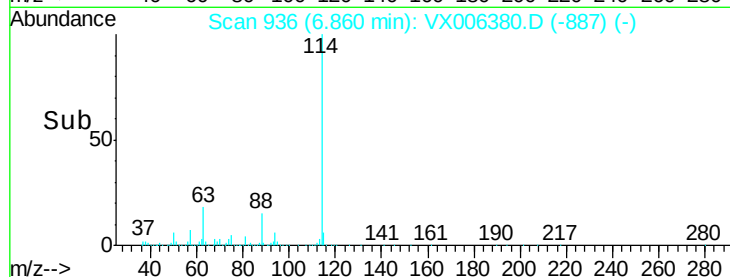
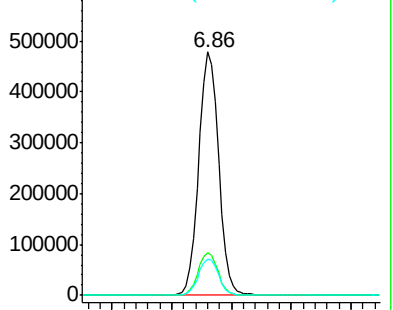
88 14.8 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 47.919 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006380.D

Acq: 10 Dec 2018 19:45

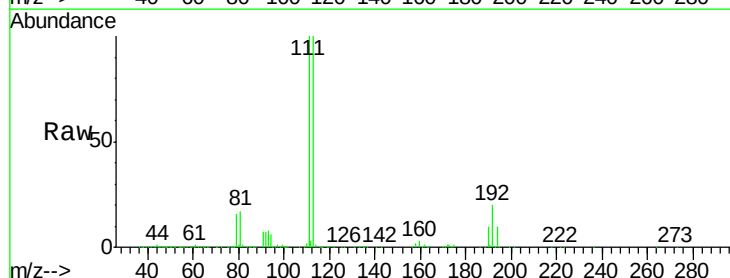
Tgt Ion:113 Resp: 346085

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

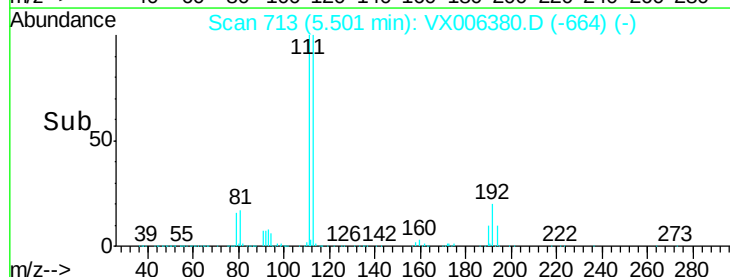
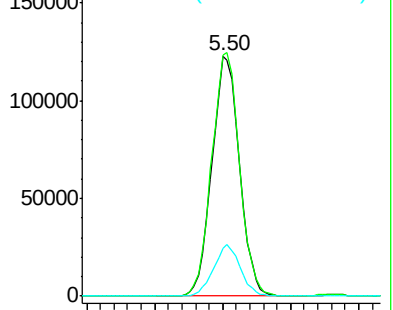
192 20.9 18.2 27.2

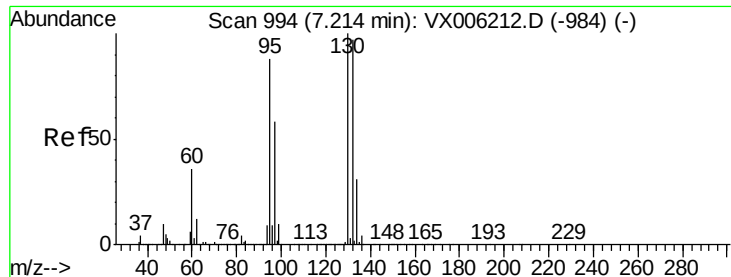


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.699 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006380.D

Acq: 10 Dec 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

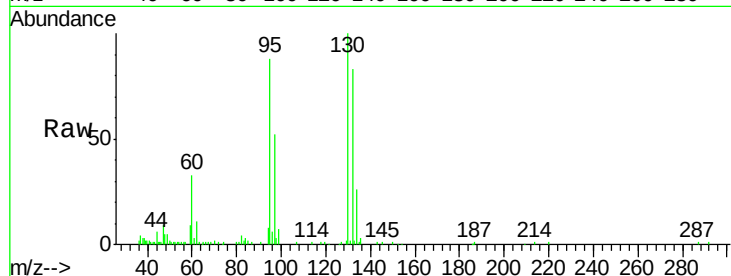
BPS1-TT-MW309S-20181206

Tot Ion:130 Resp: 23003

Ion Ratio Lower Upper

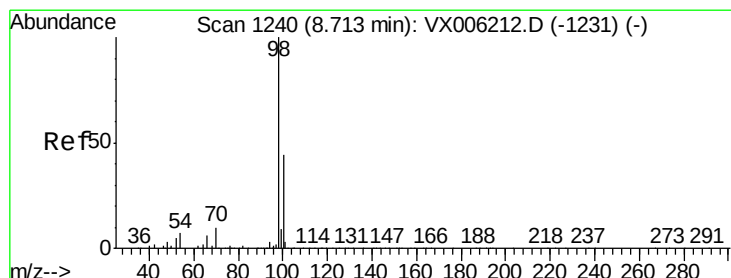
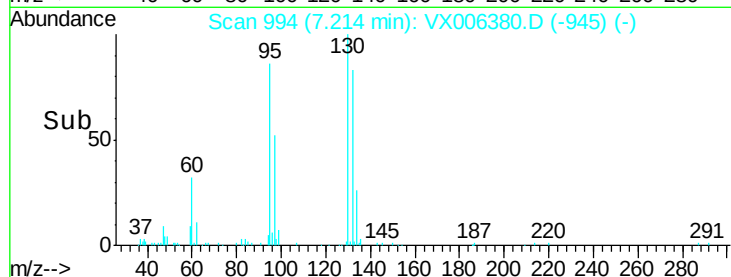
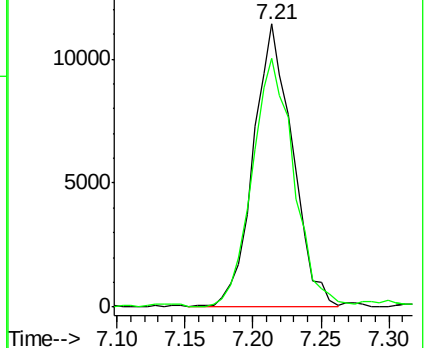
130 100

95 88.1 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: 49.796 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006380.D

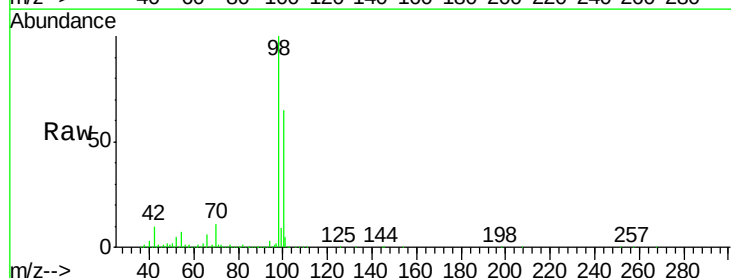
Acq: 10 Dec 2018 19:45

Tgt Ion: 98 Resp: 1308162

Ion Ratio Lower Upper

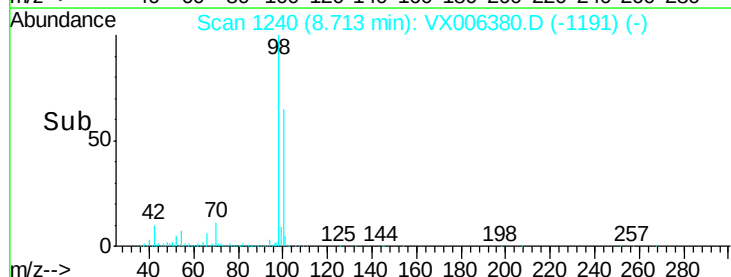
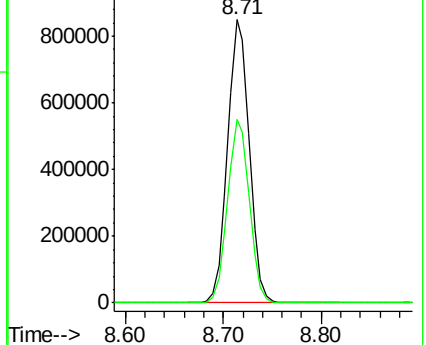
98 100

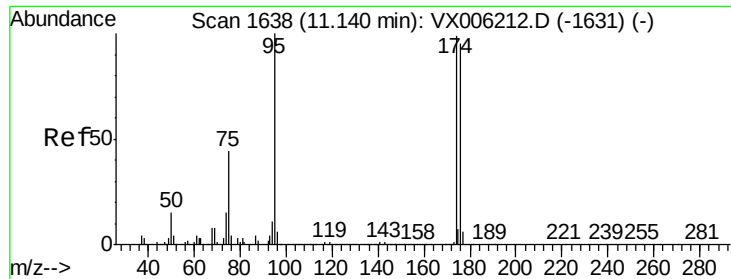
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.602 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006380.D

Acq: 10 Dec 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20181206

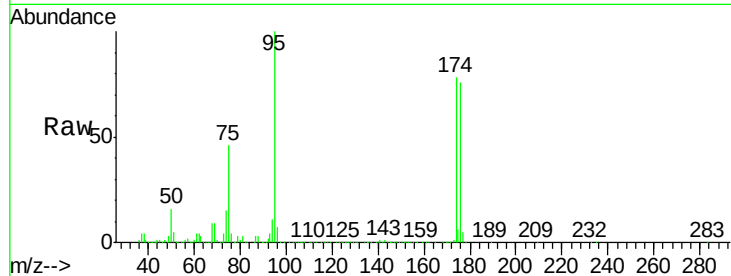
Tot Ion: 95 Resp: 481129

Ion Ratio Lower Upper

95 100

174 87.9 0.0 187.0

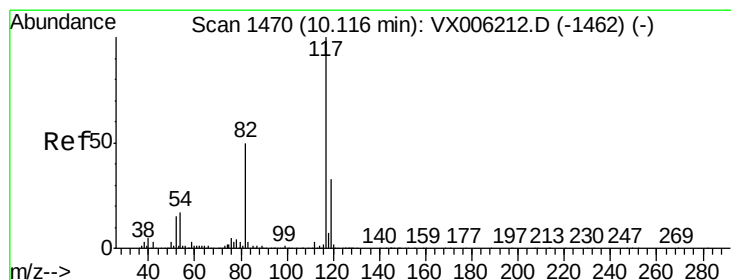
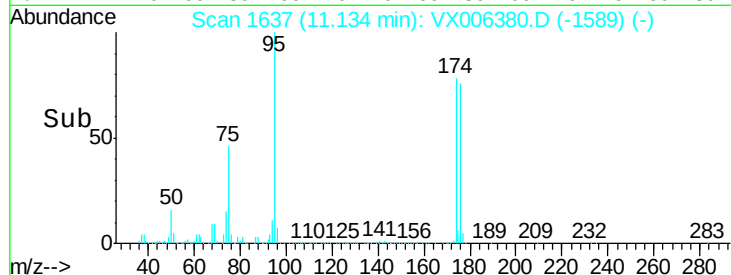
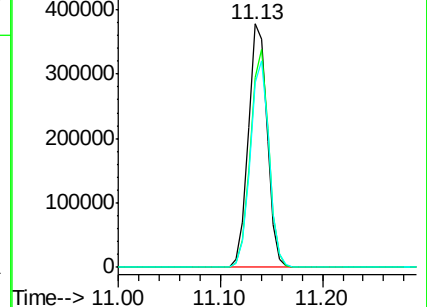
176 85.1 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006380.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006380.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006380.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006380.D

Acq: 10 Dec 2018 19:45

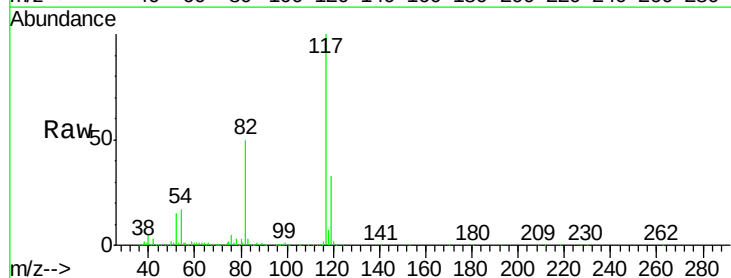
Tgt Ion: 117 Resp: 1021087

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

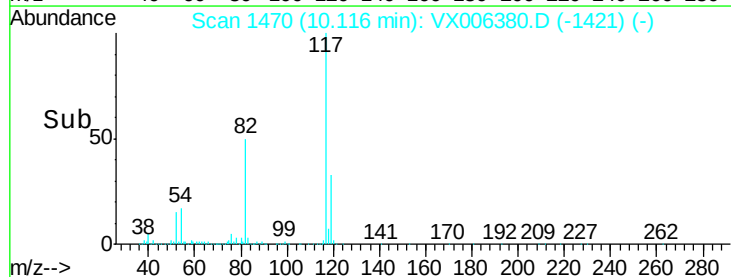
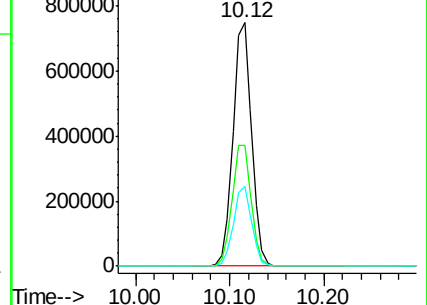
119 32.7 26.3 39.5

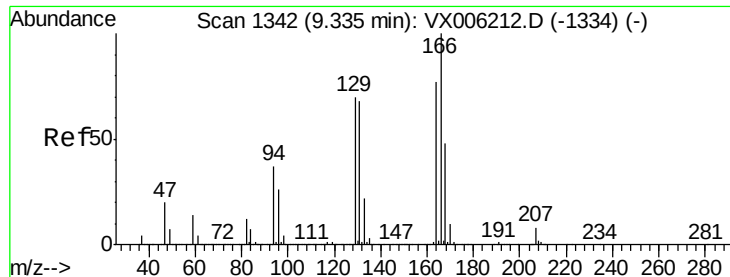


Abundance Ion 116.90 (116.60 to 117.60): VX006380.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006380.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006380.D (-1421) (-)

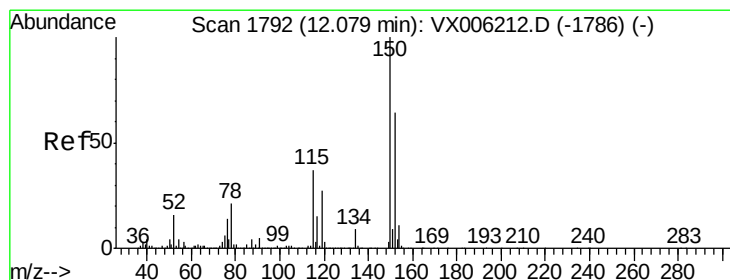
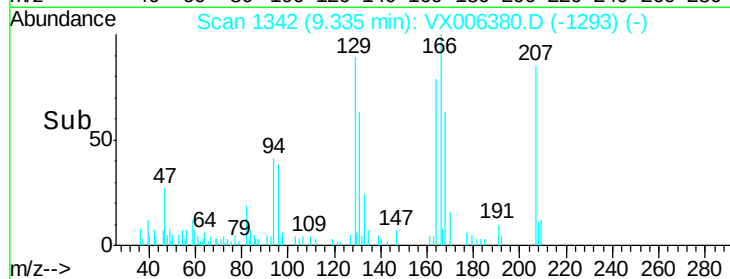
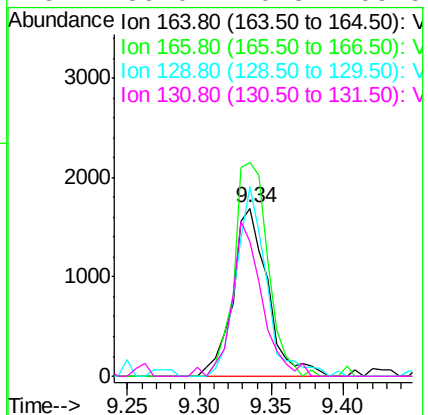
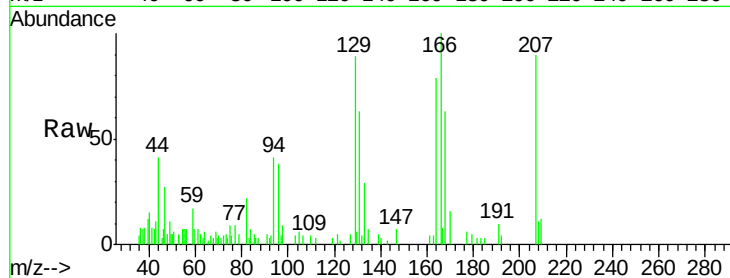




#64
Tetrachloroethene
Concen: 0.373 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006380.D
Acq: 10 Dec 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309S-20181206

Tot Ion:164 Resp: 2865
Ion Ratio Lower Upper
164 100
166 127.3 104.2 156.2
129 113.3 72.6 108.8#
131 80.0 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: VX006380.D
Acq: 10 Dec 2018 19:45

Tgt Ion:152 Resp: 485003
Ion Ratio Lower Upper
152 100
115 56.3 39.0 116.9
150 156.8 0.0 345.8

