

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008221.D
 Acq On : 20 Mar 2019 04:52
 Operator : JC/SP
 Sample : K1900-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309S-20190313

Quant Time: Mar 20 09:07:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

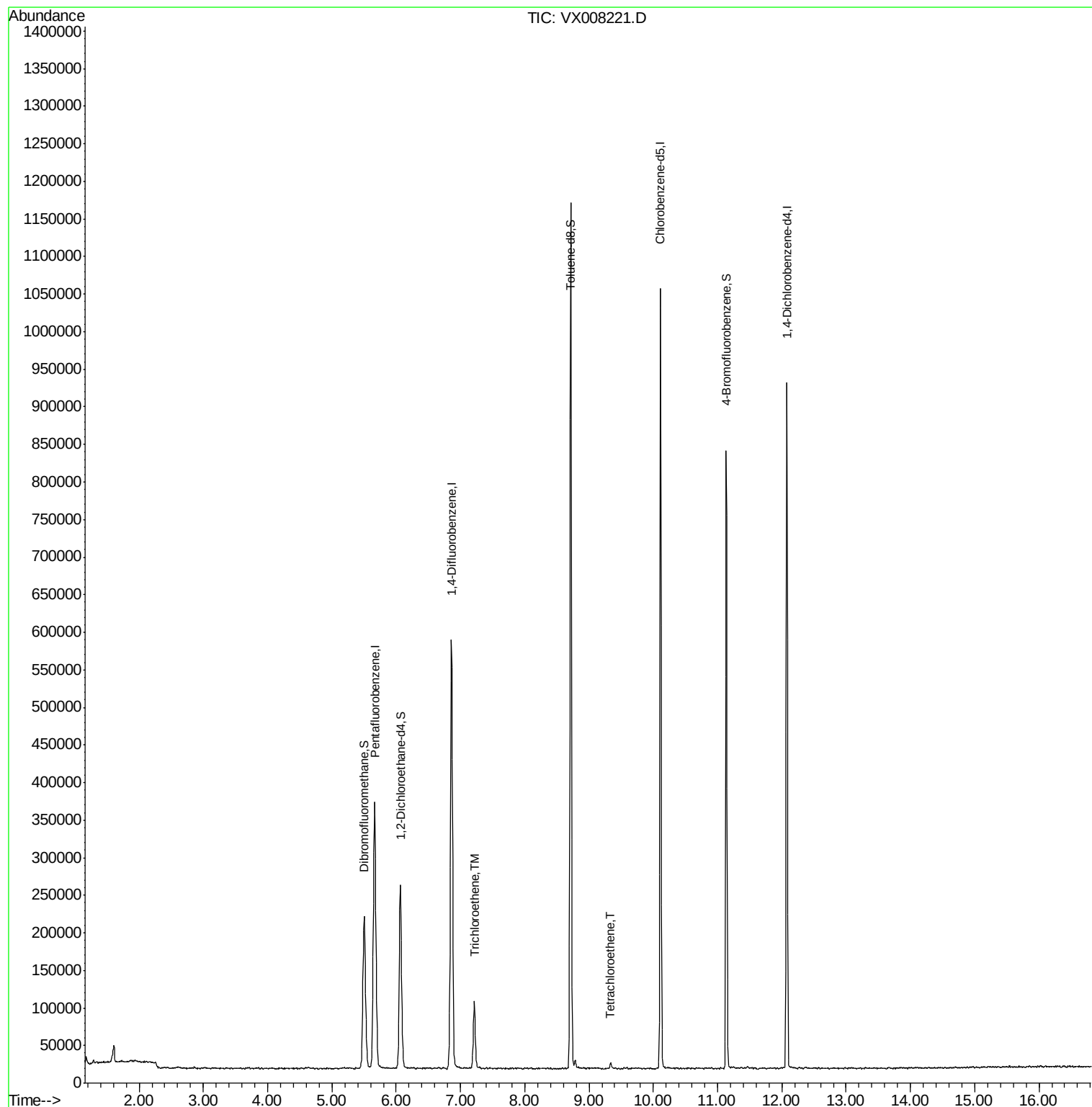
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	332994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	544584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	456898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	234221	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
35) Dibromofluoromethane	5.50	113	171313	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	8.71	98	669389	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.13	95	212329	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
44) Trichloroethene	7.21	130	34186	7.450	ug/l	96
64) Tetrachloroethene	9.34	164	1467	0.356	ug/l	94

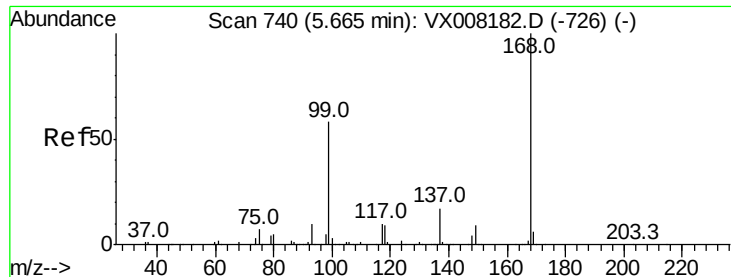
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008221.D

Acq: 20 Mar 2019 04:52

Instrument :

MSVOA_X

ClientSampleId :

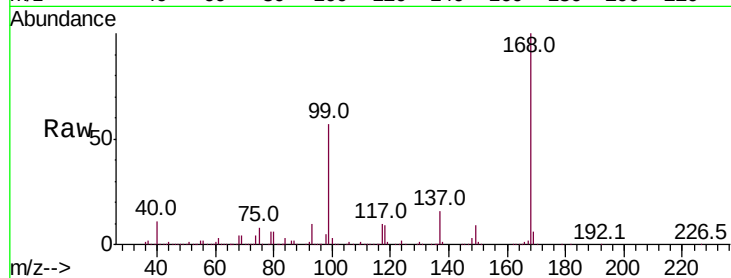
BPS1-TT-MW309S-20190313

Tot Ion:168 Resp: 332994

Ion Ratio Lower Upper

168 100

99 57.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

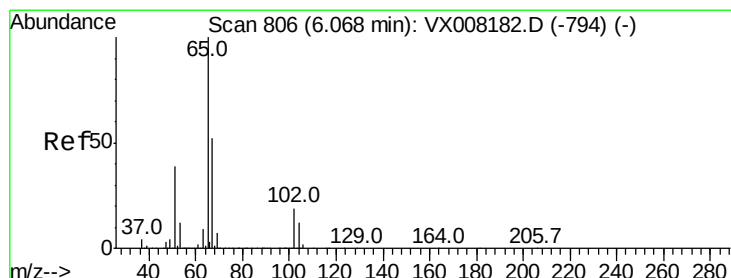
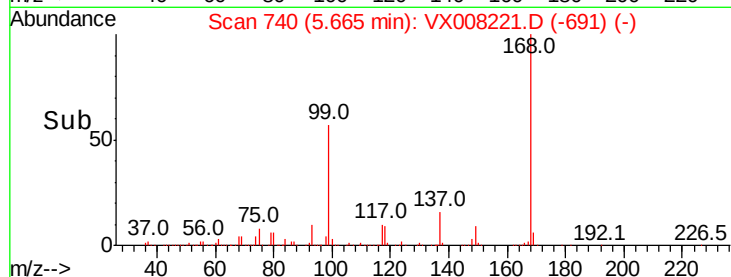
5.67

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.702 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008221.D

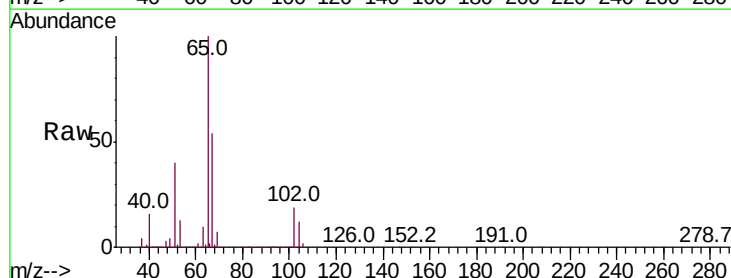
Acq: 20 Mar 2019 04:52

Tgt Ion: 65 Resp: 234221

Ion Ratio Lower Upper

65 100

67 53.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

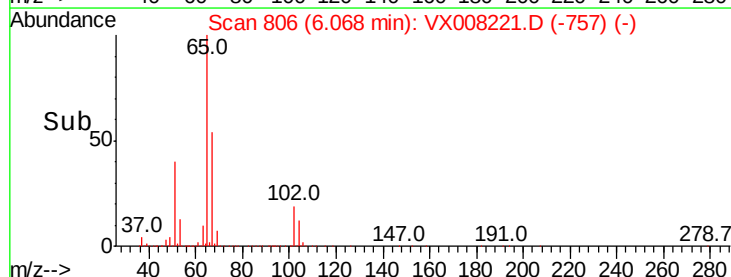
60000

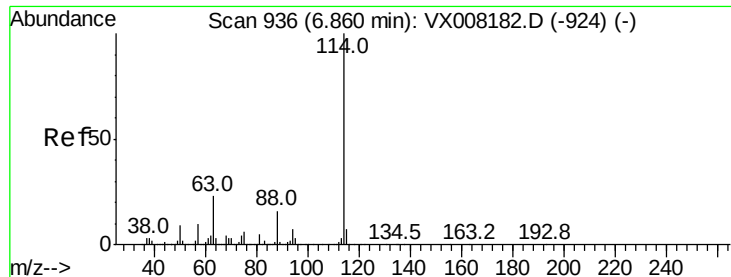
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008221.D

Acq: 20 Mar 2019 04:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20190313

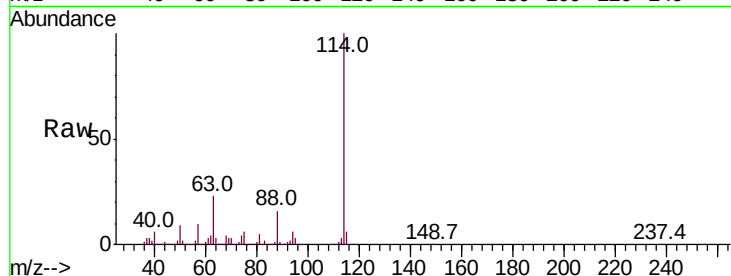
Tot Ion:114 Resp: 544584

Ion Ratio Lower Upper

114 100

63 22.9 0.0 39.8

88 16.3 0.0 31.4



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

300000

250000

200000

150000

100000

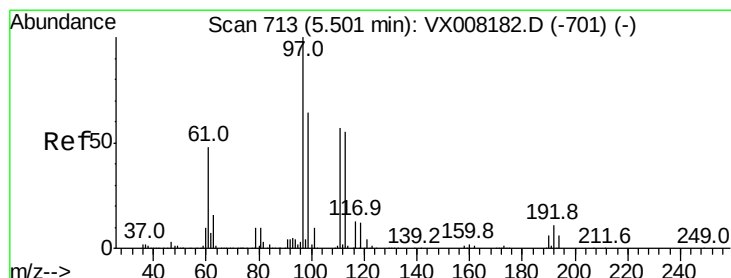
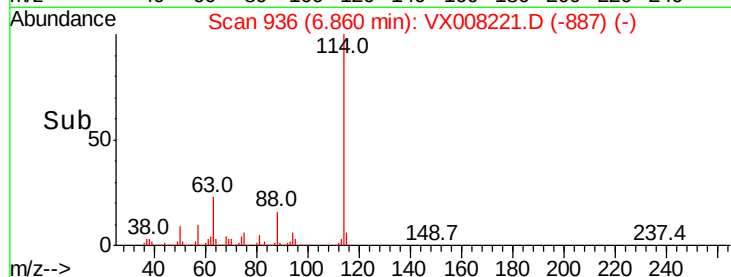
50000

0

6.86

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 46.991 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008221.D

Acq: 20 Mar 2019 04:52

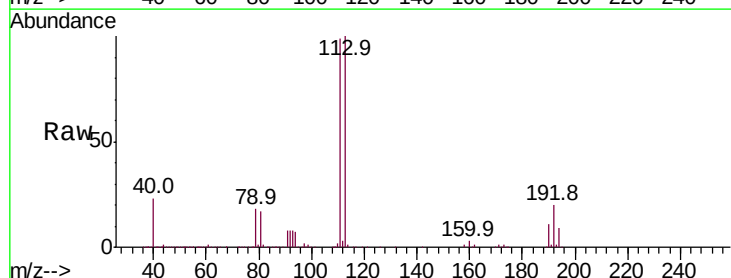
Tgt Ion:113 Resp: 171313

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 20.4 19.4 29.0



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

80000

60000

40000

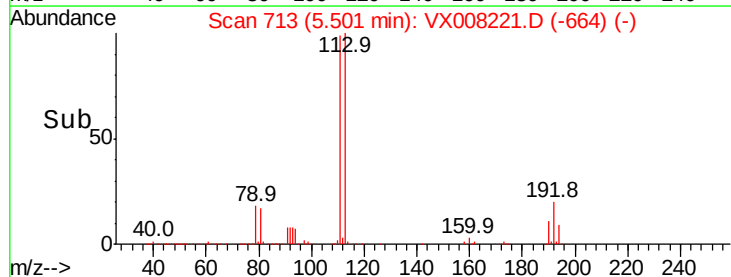
20000

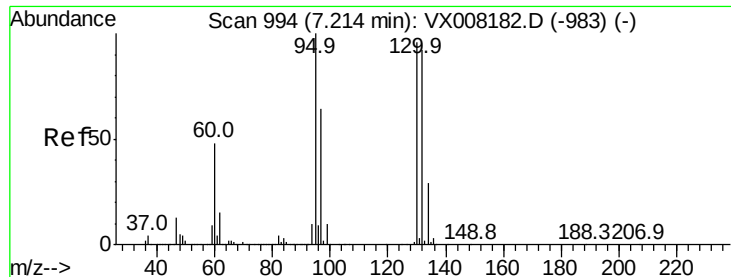
0

5.50

5.40 5.50 5.60 5.70

Time-->





#44

Trichloroethene

Concen: 7.450 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008221.D

Acq: 20 Mar 2019 04:52

Instrument :

MSVOA_X

ClientSampleId :

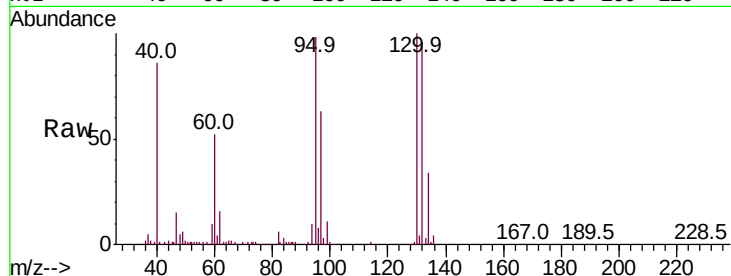
BPS1-TT-MW309S-20190313

Tot Ion:130 Resp: 34186

Ion Ratio Lower Upper

130 100

95 97.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VX0

Ion 94.90 (94.60 to 95.60): VX0

7.21

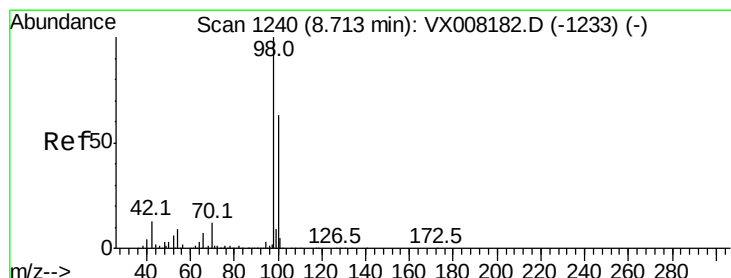
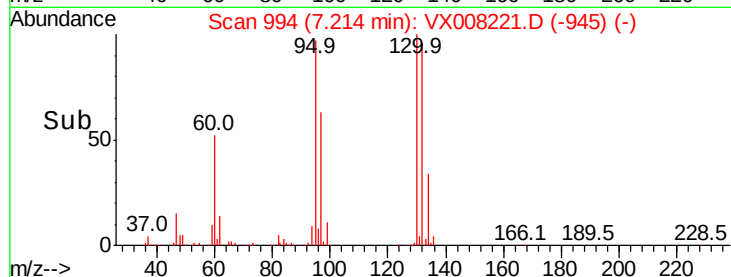
15000

10000

5000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 48.430 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008221.D

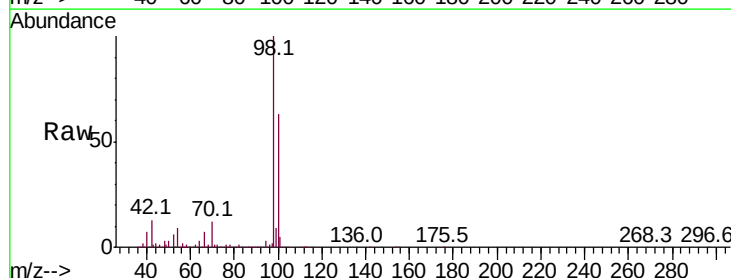
Acq: 20 Mar 2019 04:52

Tgt Ion: 98 Resp: 669389

Ion Ratio Lower Upper

98 100

100 63.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

500000

400000

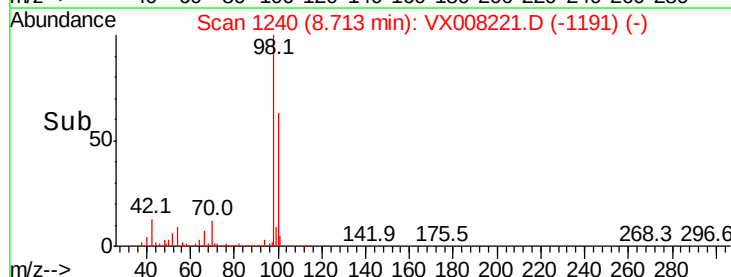
300000

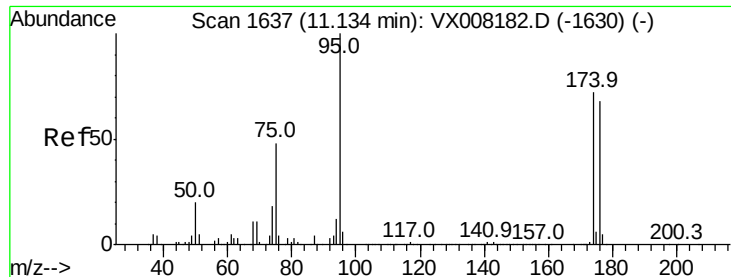
200000

100000

0

Time--> 8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 44.615 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008221.D

Acq: 20 Mar 2019 04:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20190313

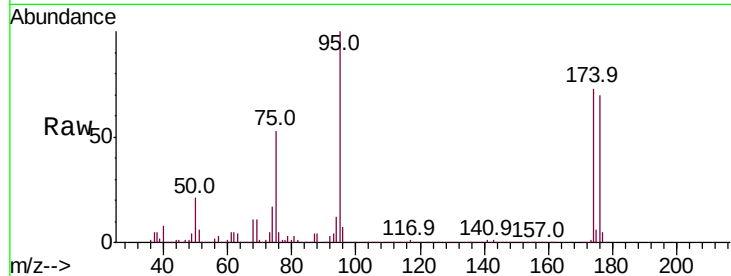
Tot Ion: 95 Resp: 212329

Ion Ratio Lower Upper

95 100

174 78.7 0.0 182.8

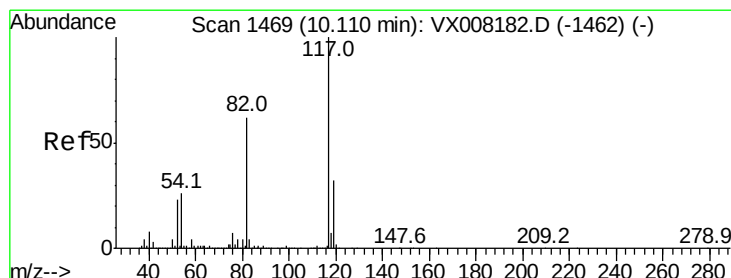
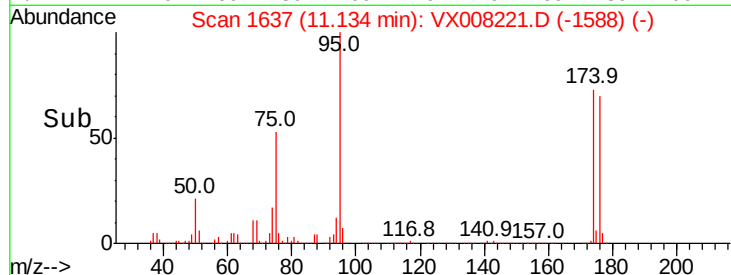
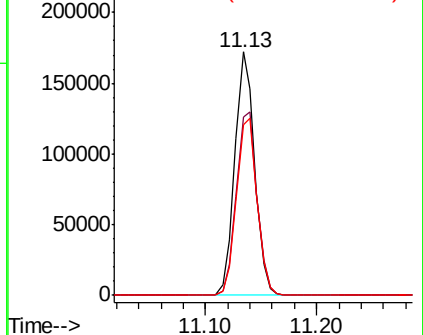
176 76.2 0.0 178.0



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. 0.01 min

Lab File: VX008221.D

Acq: 20 Mar 2019 04:52

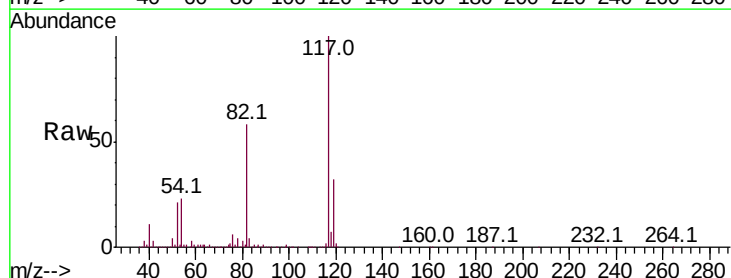
Tgt Ion: 117 Resp: 456898

Ion Ratio Lower Upper

117 100

82 58.1 44.3 66.5

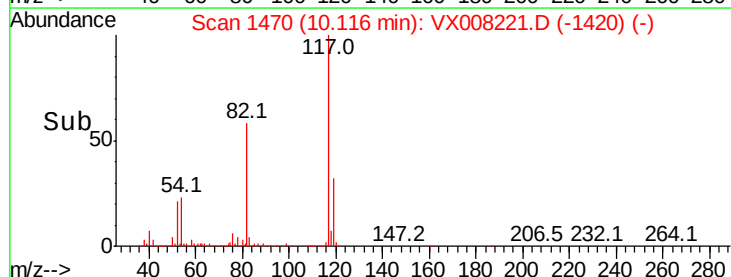
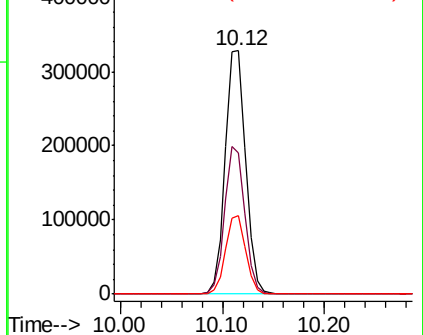
119 32.5 25.3 37.9

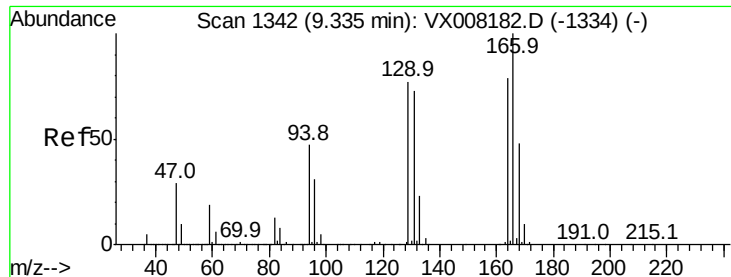


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.356 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008221.D

Acq: 20 Mar 2019 04:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20190313

Tot Ion:164 Resp: 1467

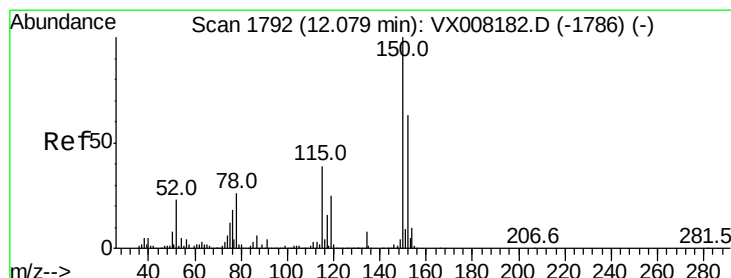
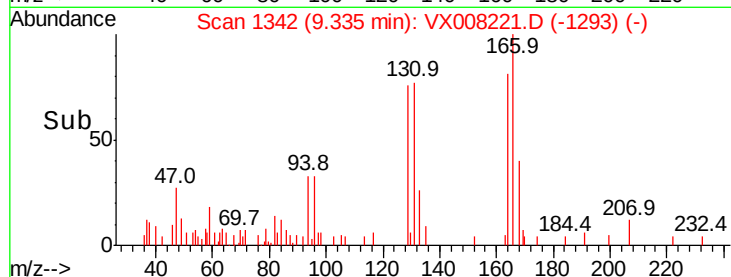
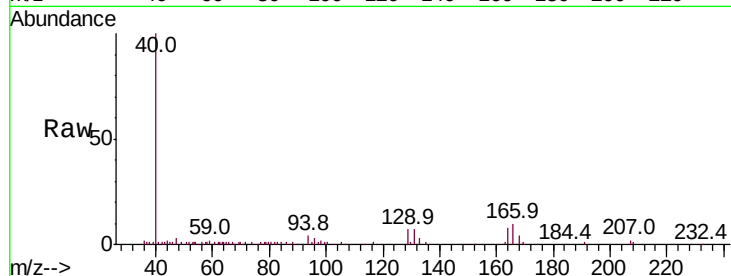
Ion Ratio Lower Upper

164 100

166 122.8 103.4 155.0

129 93.3 72.2 108.4

131 94.6 69.4 104.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008221.D

Acq: 20 Mar 2019 04:52

Tgt Ion:152 Resp: 184291

Ion Ratio Lower Upper

152 100

115 60.4 38.6 115.7

150 156.3 0.0 348.4

