

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008249.D
 Acq On : 20 Mar 2019 18:09
 Operator : JC/SP
 Sample : K1963-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20190315

Quant Time: Mar 22 07:19:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

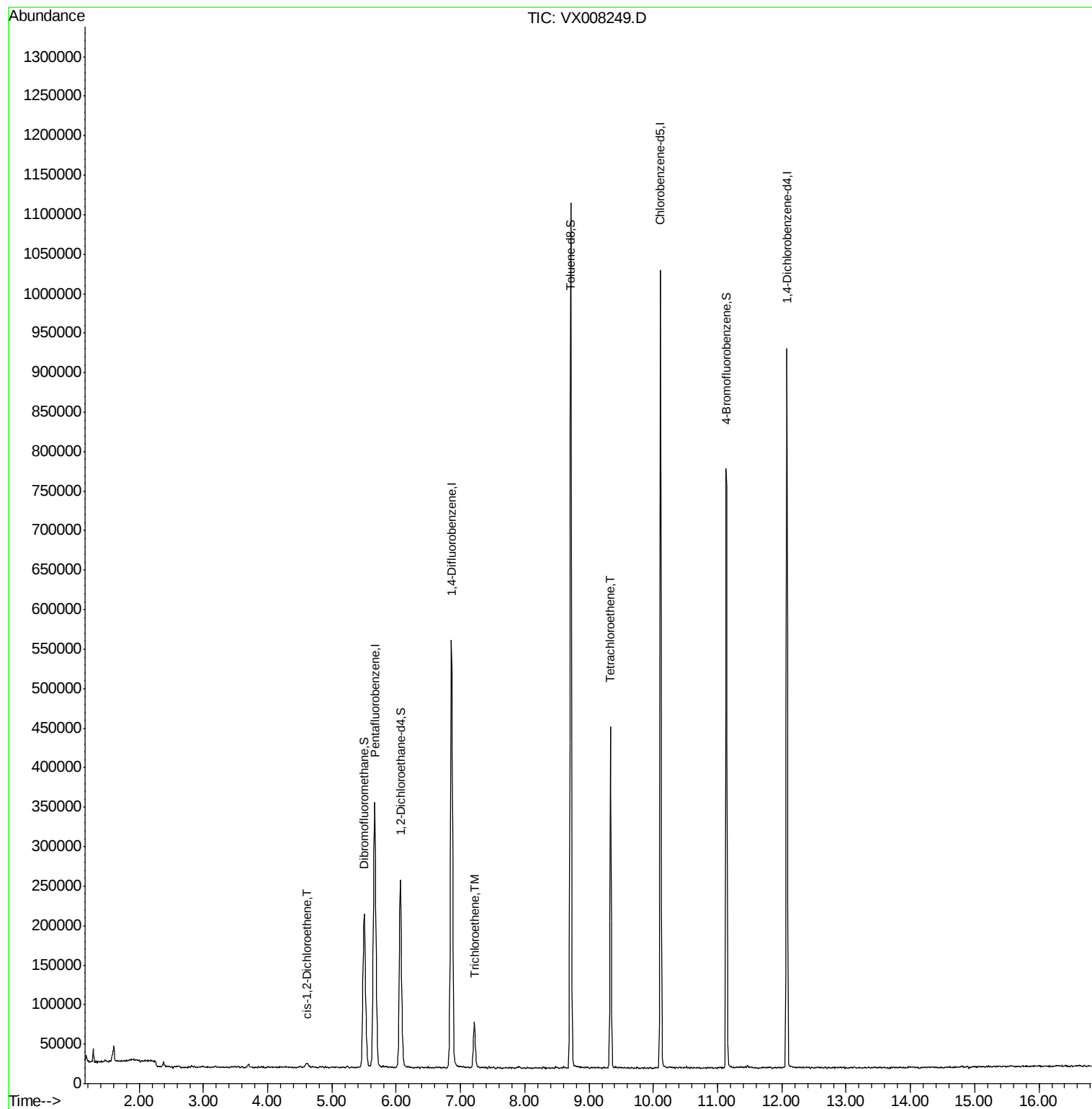
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	521240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	440430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	227247	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	5.50	113	165884	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	8.71	98	633155	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.13	95	204883	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	3155	0.668	ug/l	97
44) Trichloroethene	7.21	130	22809	5.193	ug/l	95
64) Tetrachloroethene	9.34	164	79874	20.102	ug/l	96

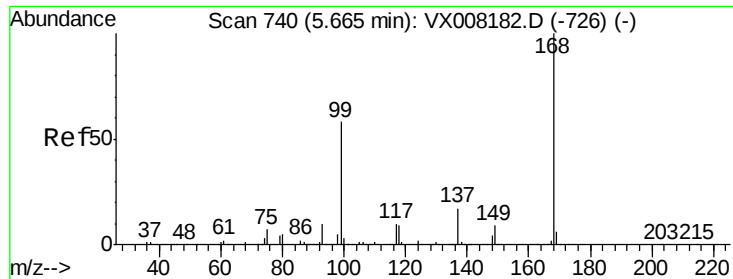
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

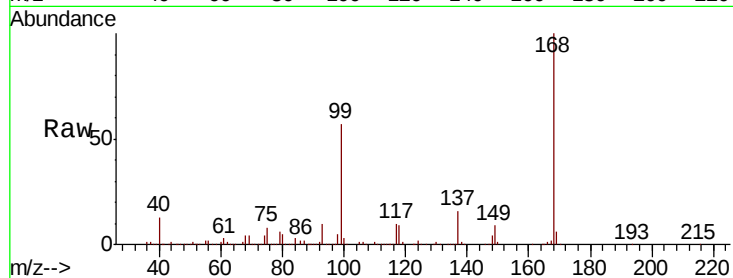
BPS1-TT-MW30311-20190315

Tot Ion:168 Resp: 316119

Ion Ratio Lower Upper

168 100

99 56.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

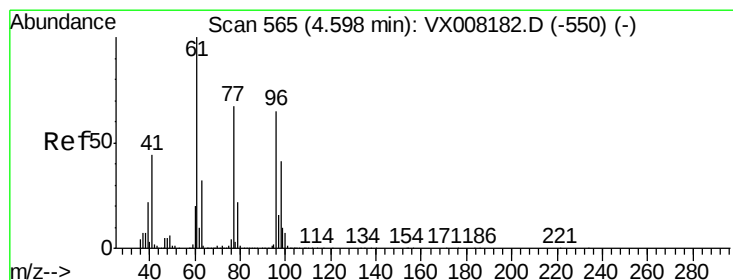
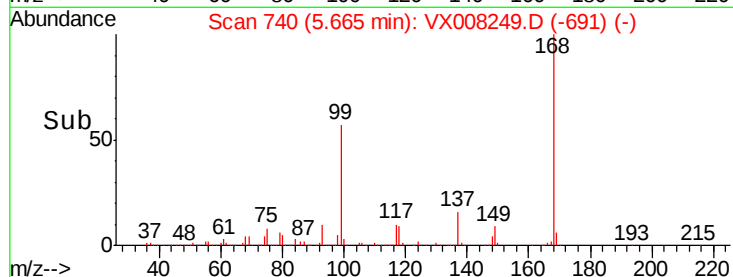
5.67

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.668 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

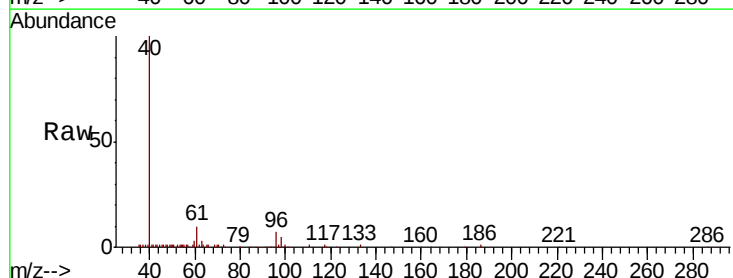
Tgt Ion: 96 Resp: 3155

Ion Ratio Lower Upper

96 100

61 140.6 0.0 288.0

98 68.0 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2000

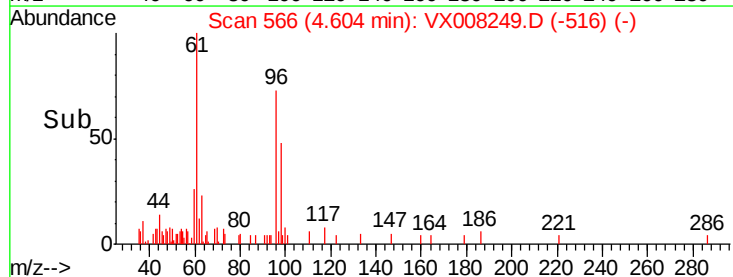
1500

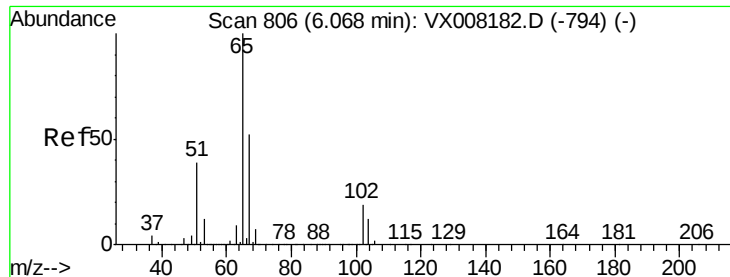
1000

500

0

Time-->

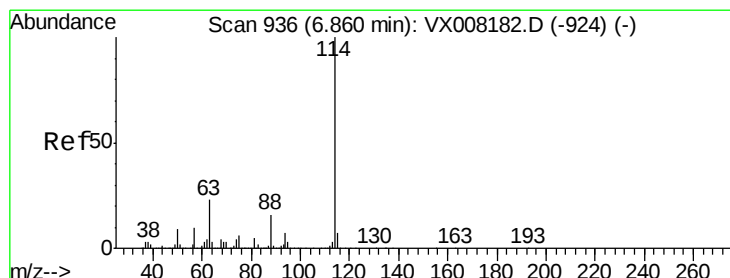
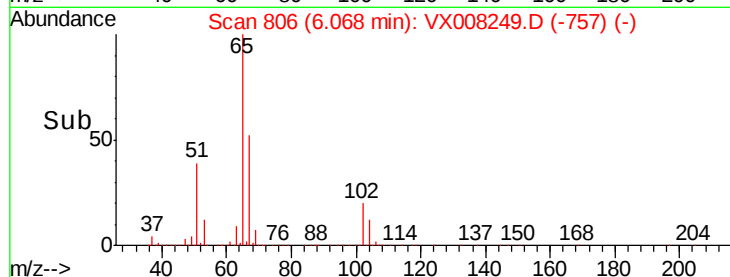
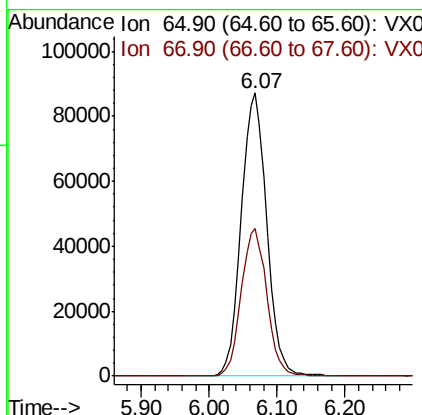
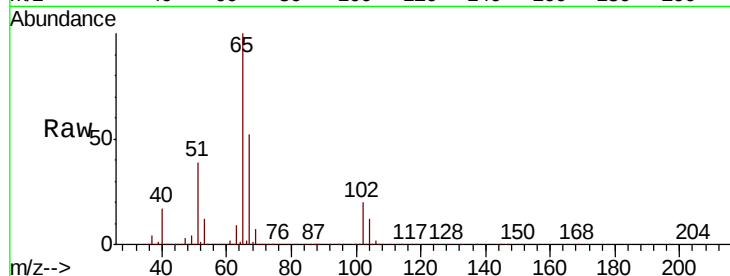




#33
 1,2-Dichloroethane-d4
 Concen: 47.731 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008249.D
 Acq: 20 Mar 2019 18:09

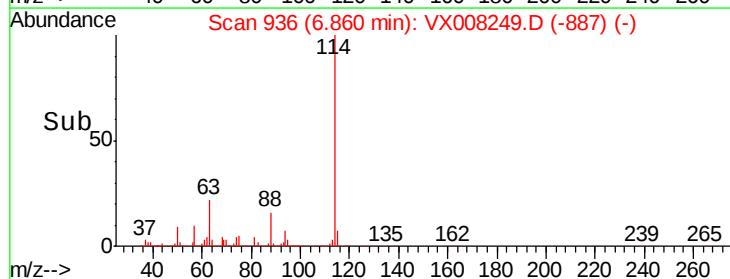
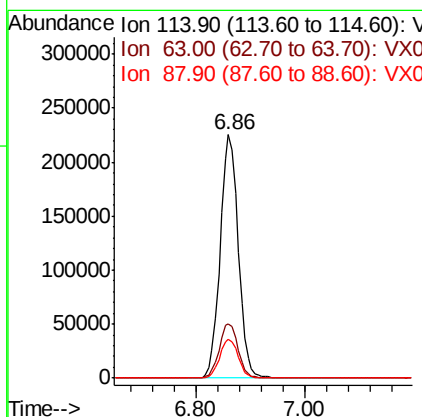
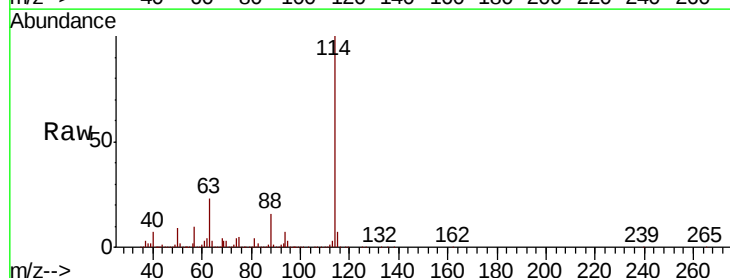
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20190315

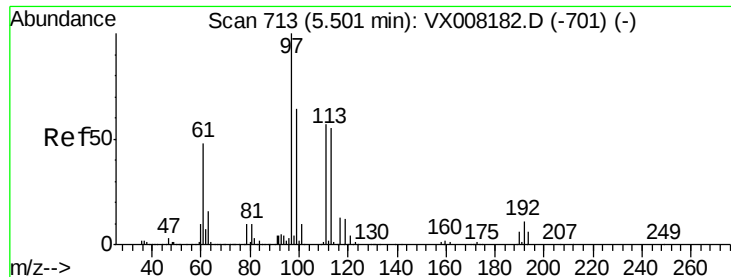
Tot Ion: 65 Resp: 227247
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008249.D
 Acq: 20 Mar 2019 18:09

Tgt Ion: 114 Resp: 521240
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 39.8
 88 16.0 0.0 31.4

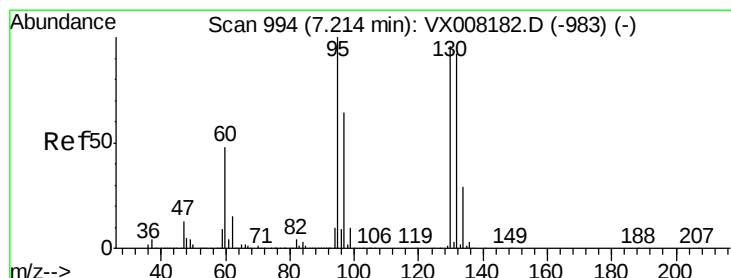
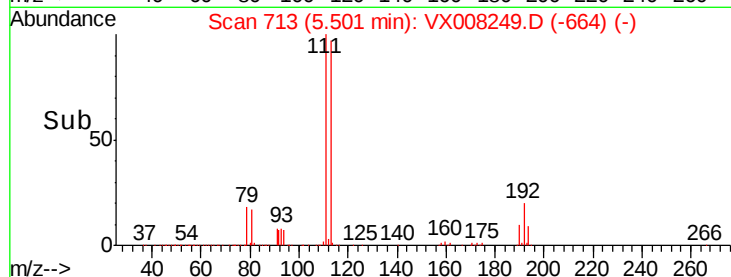
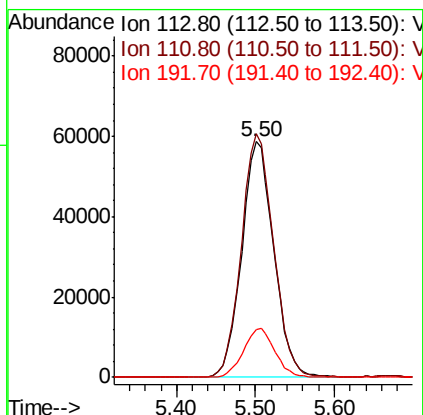
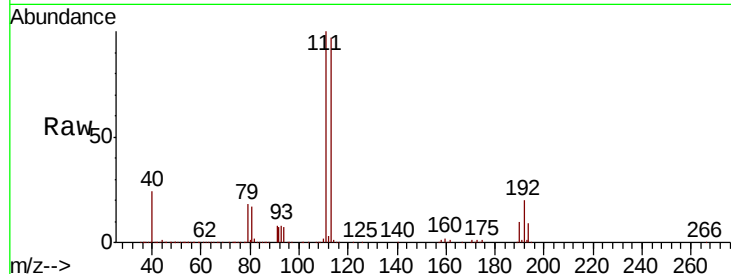




#35
 Dibromofluoromethane
 Concen: 47.540 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008249.D
 Acq: 20 Mar 2019 18:09

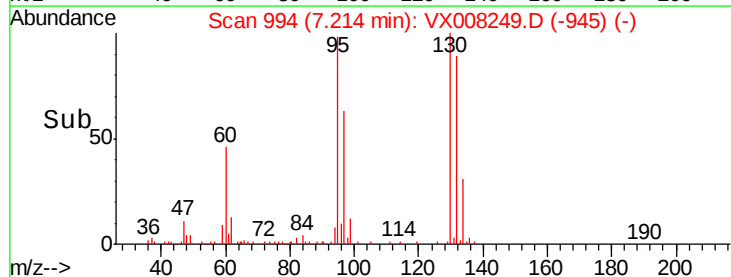
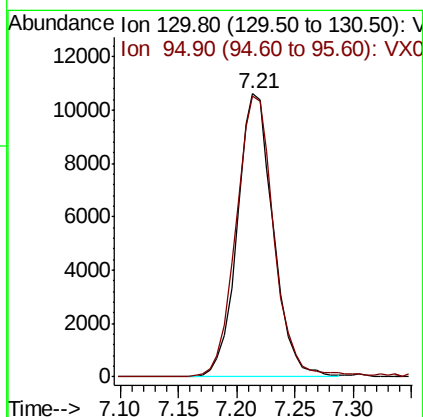
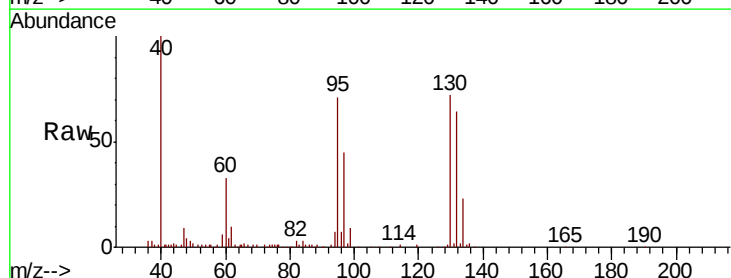
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20190315

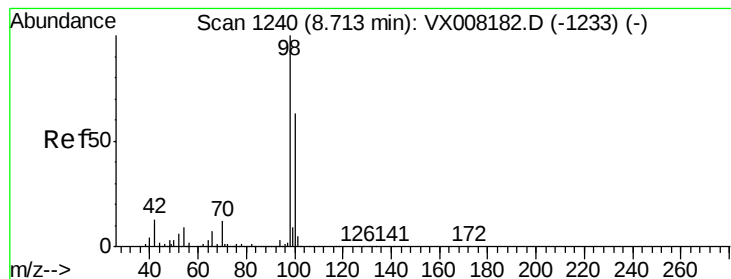
Tot Ion:113 Resp: 165884
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.4 122.0
 192 20.5 19.4 29.0



#44
 Trichloroethene
 Concen: 5.193 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008249.D
 Acq: 20 Mar 2019 18:09

Tgt Ion:130 Resp: 22809
 Ion Ratio Lower Upper
 130 100
 95 99.3 0.0 188.0





#50

Toluene-d8

Concen: 47.860 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

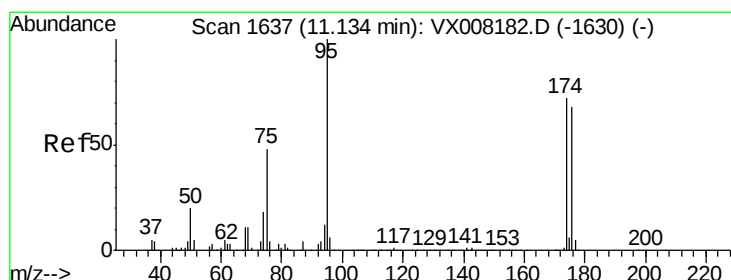
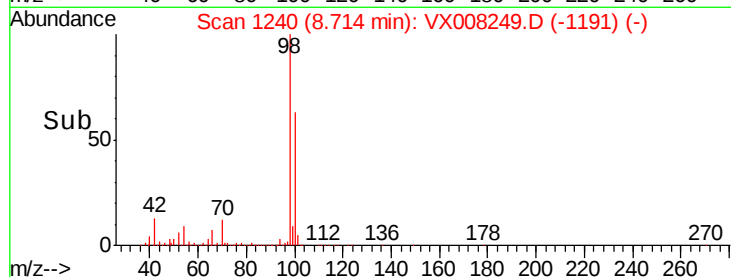
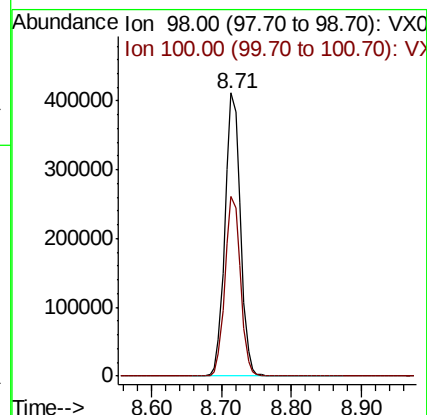
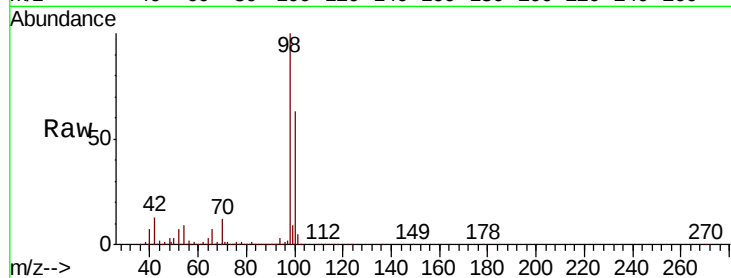
BPS1-TT-MW30311-20190315

Tot Ion: 98 Resp: 633155

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.978 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

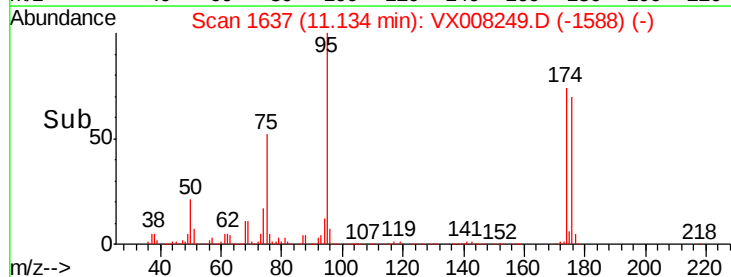
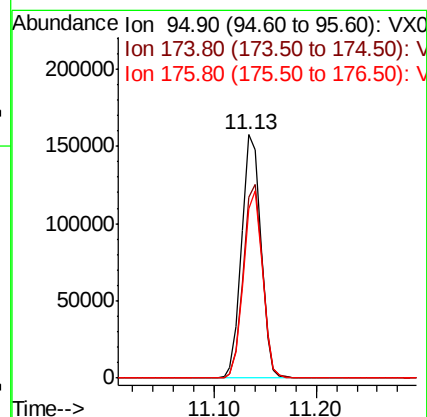
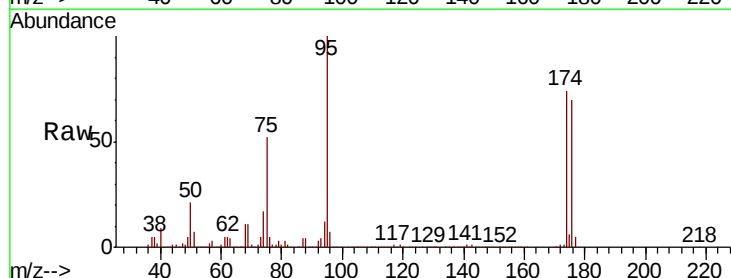
Tgt Ion: 95 Resp: 204883

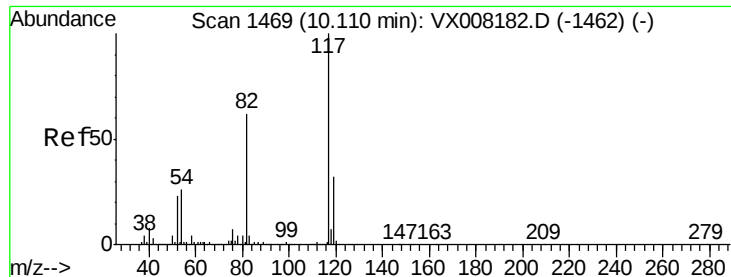
Ion Ratio Lower Upper

95 100

174 79.3 0.0 182.8

176 75.8 0.0 178.0

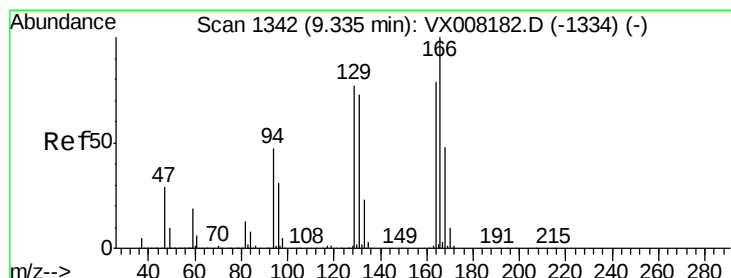
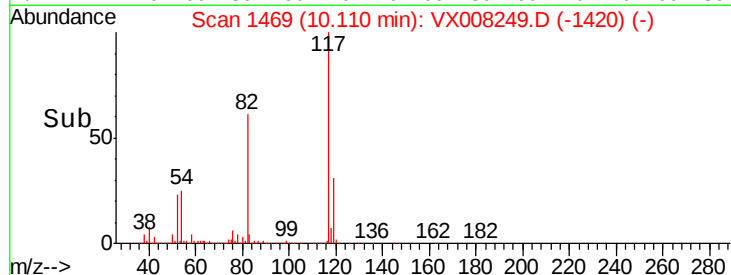
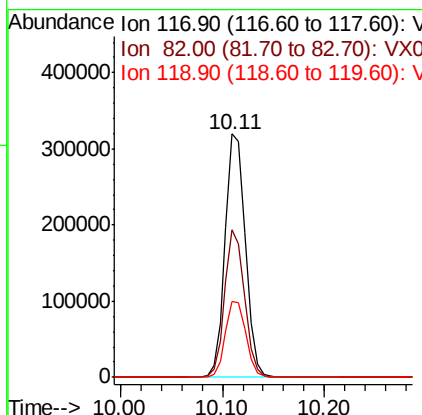
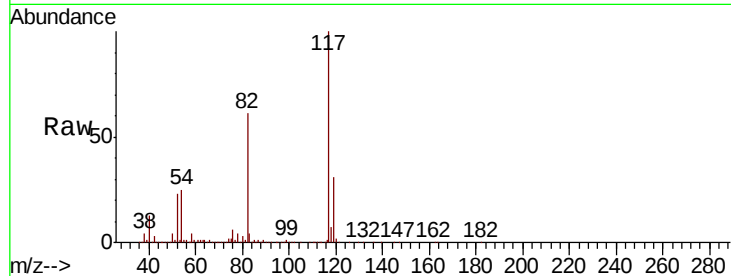




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008249.D
Acq: 20 Mar 2019 18:09

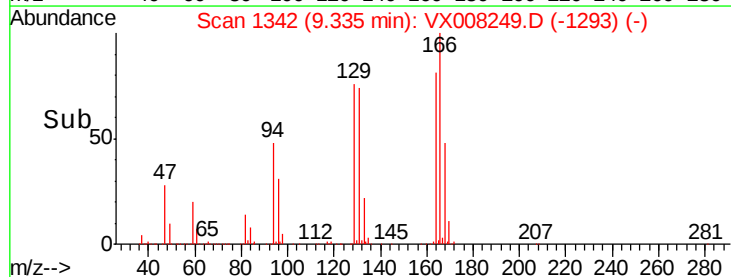
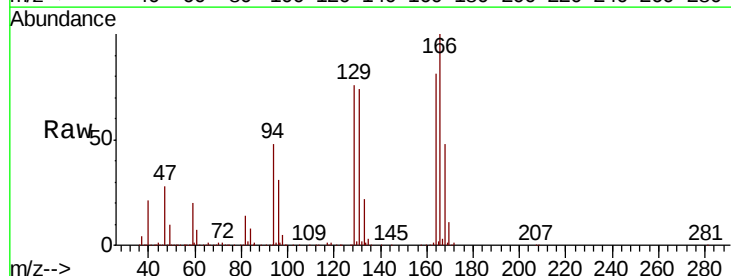
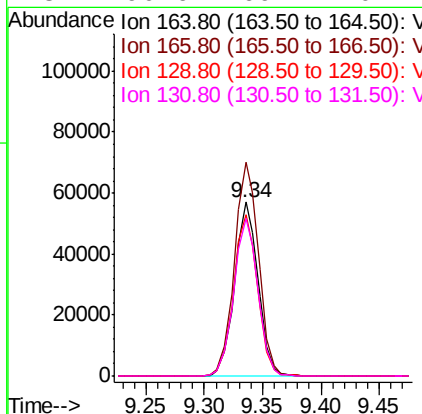
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20190315

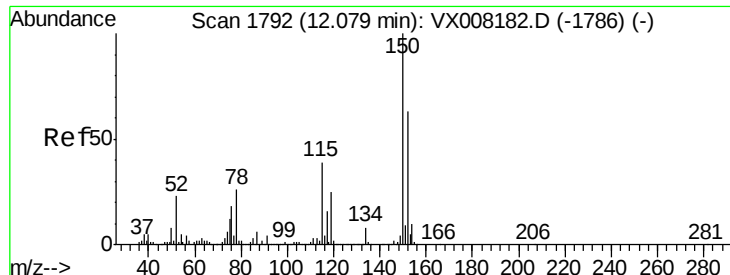
Tot Ion:117 Resp: 440430
Ion Ratio Lower Upper
117 100
82 60.5 44.3 66.5
119 31.3 25.3 37.9



#64
Tetrachloroethene
Concen: 20.102 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008249.D
Acq: 20 Mar 2019 18:09

Tgt Ion:164 Resp: 79874
Ion Ratio Lower Upper
164 100
166 122.9 103.4 155.0
129 93.1 72.2 108.4
131 90.6 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: VX008249.D

Acq: 20 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I1-20190315

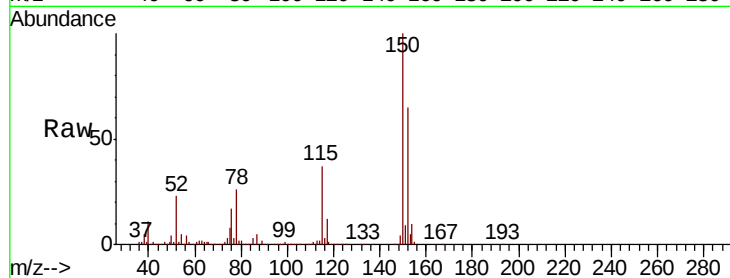
Tot Ion:152 Resp: 181080

Ion Ratio Lower Upper

152 100

115 60.1 38.6 115.7

150 157.3 0.0 348.4



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

