

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008860.D
 Acq On : 11 Apr 2019 18:27
 Operator : JC/SP
 Sample : K2349-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-190408

Quant Time: Apr 12 08:25:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

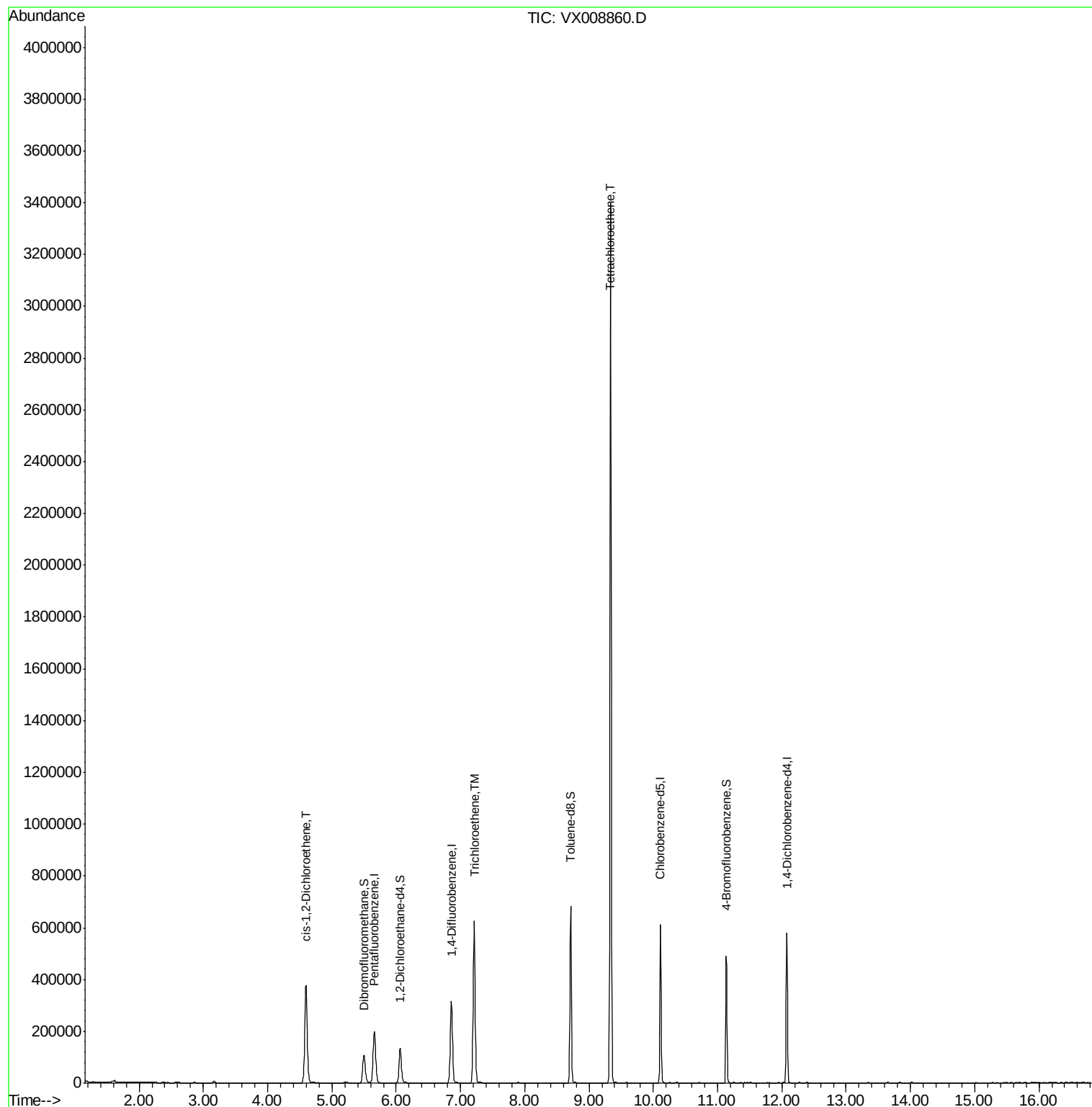
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126678	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
35) Dibromofluoromethane	5.50	113	92818	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
50) Toluene-d8	8.71	98	388690	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.13	95	132885	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	235217	84.813	ug/l	89
44) Trichloroethene	7.21	130	231963	98.230	ug/l	99
64) Tetrachloroethene	9.34	164	656366	326.479	ug/l	99

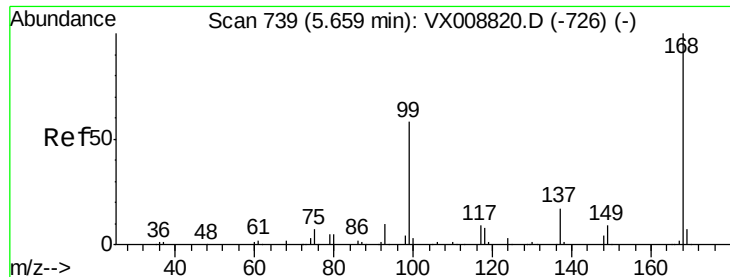
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

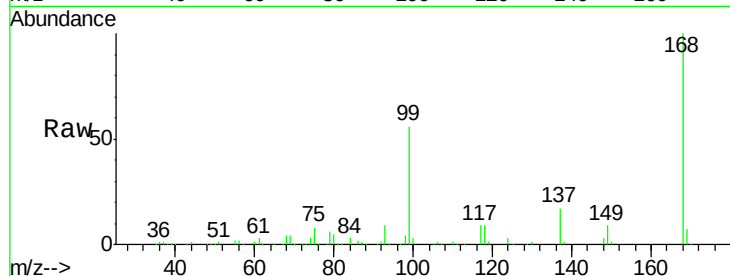
ST008MW158-190408

Tot Ion:168 Resp: 192900

Ion Ratio Lower Upper

168 100

99 55.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

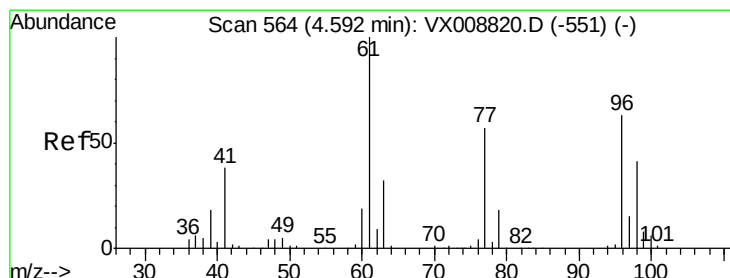
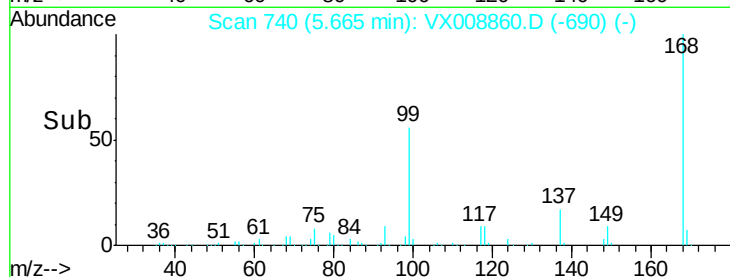
40000

20000

0

5.60 5.70 5.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 84.813 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

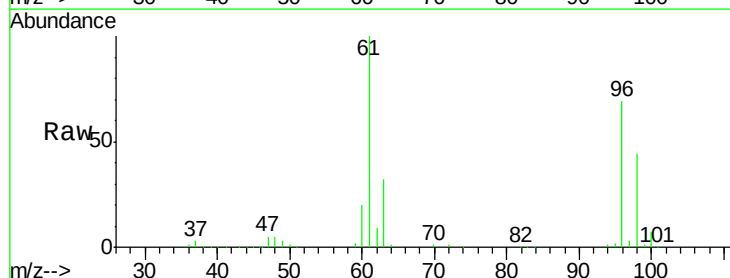
Tgt Ion: 96 Resp: 235217

Ion Ratio Lower Upper

96 100

61 144.3 0.0 327.6

98 64.6 0.0 128.6



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

150000

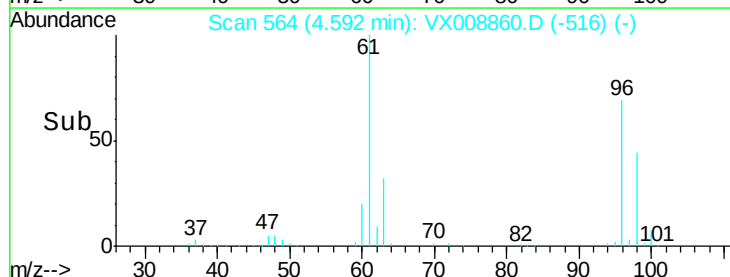
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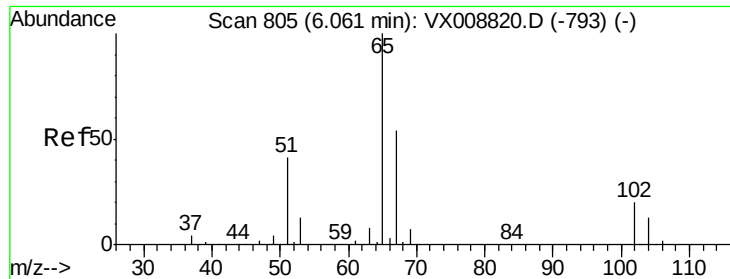
50000

0

4.50 4.60 4.70

Time-->

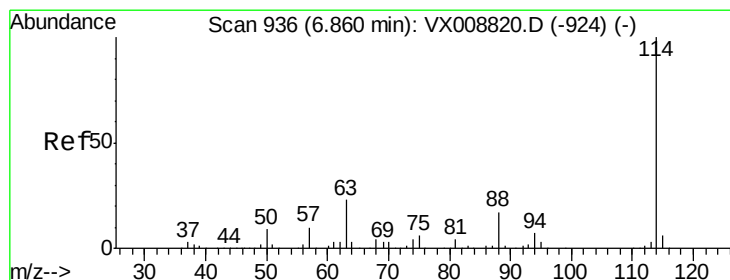
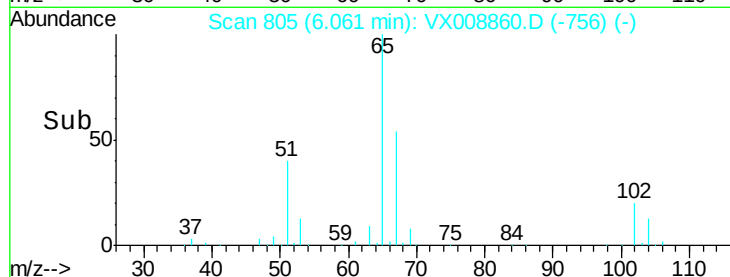
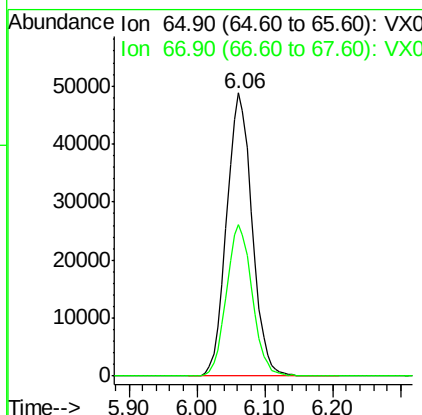
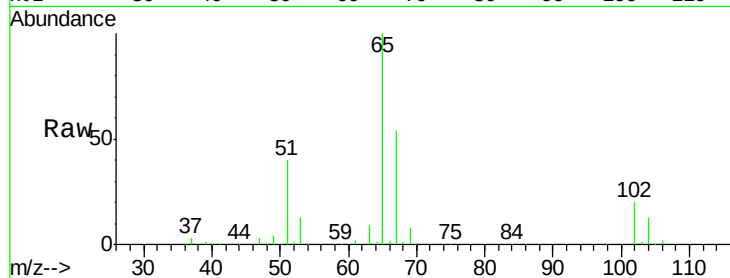




#33
 1,2-Dichloroethane-d4
 Concen: 45.024 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008860.D
 Acq: 11 Apr 2019 18:27

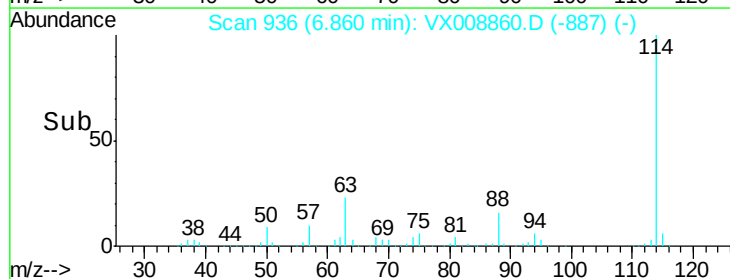
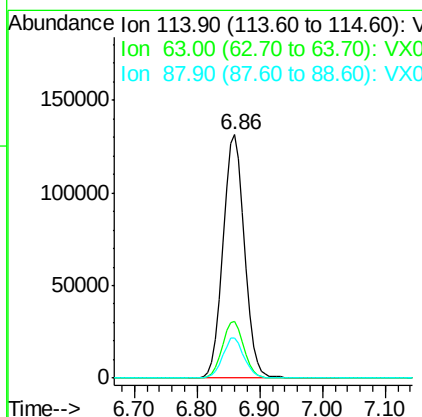
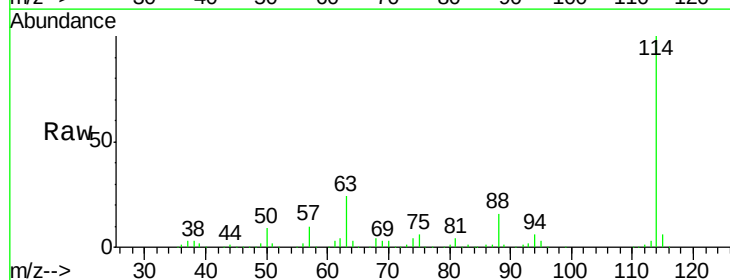
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-190408

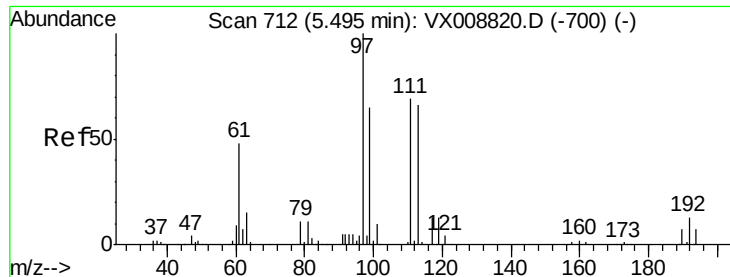
Tot Ion: 65 Resp: 126678
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008860.D
 Acq: 11 Apr 2019 18:27

Tgt Ion: 114 Resp: 311348
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.2
 88 16.2 0.0 34.0

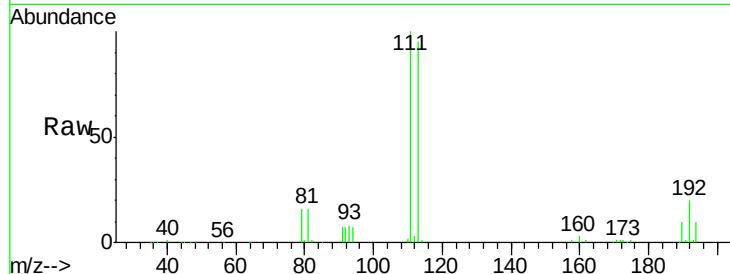




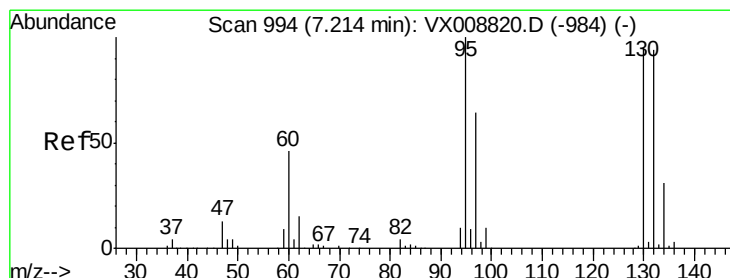
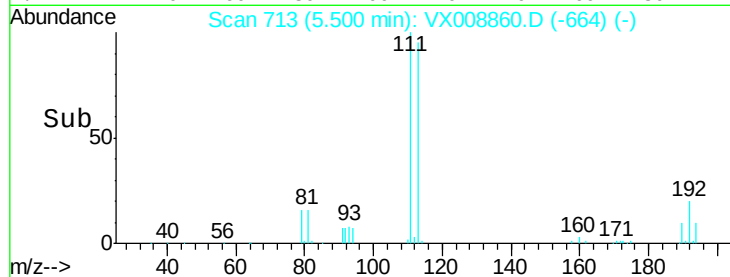
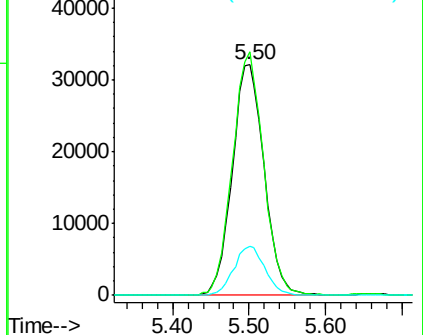
#35
 Dibromofluoromethane
 Concen: 46.627 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008860.D
 Acq: 11 Apr 2019 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-190408

Tot Ion:113 Resp: 92818
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.2
 192 20.9 16.1 24.1

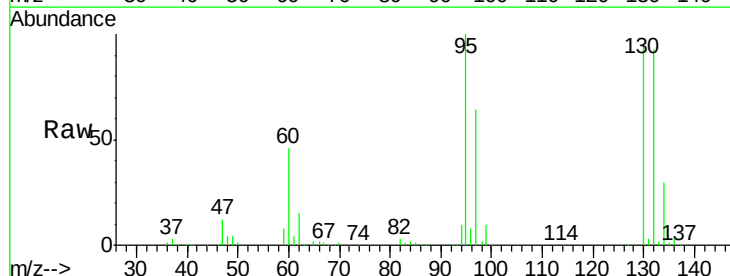


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

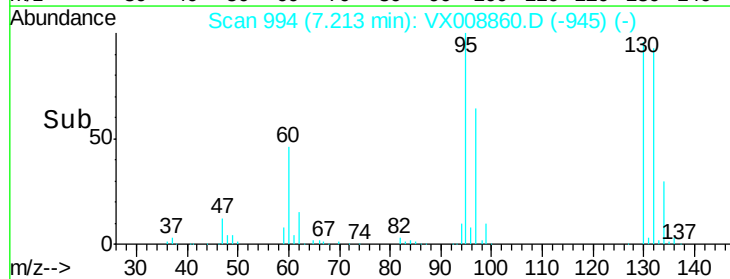
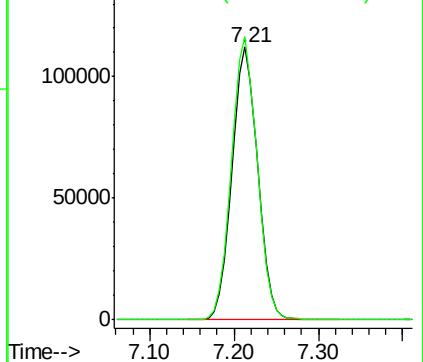


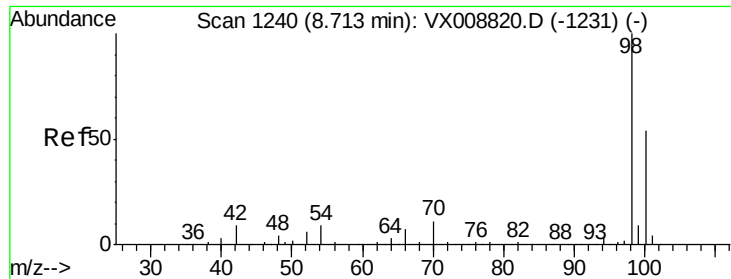
#44
 Trichloroethene
 Concen: 98.230 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008860.D
 Acq: 11 Apr 2019 18:27

Tgt Ion:130 Resp: 231963
 Ion Ratio Lower Upper
 130 100
 95 103.7 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.039 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

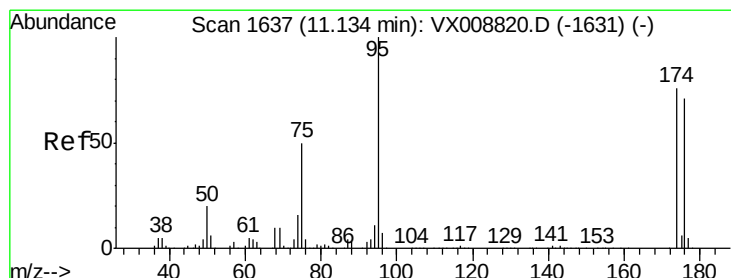
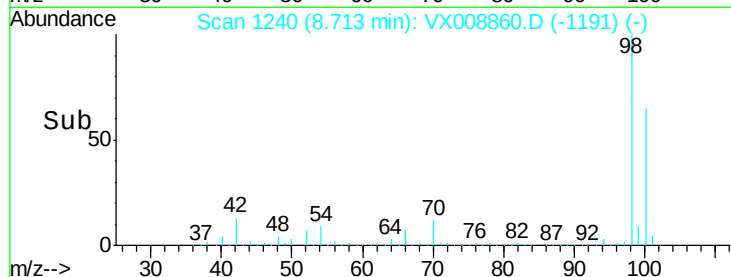
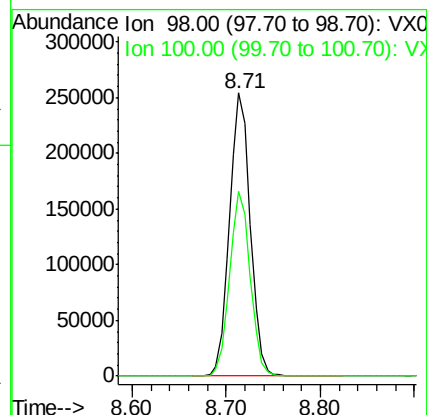
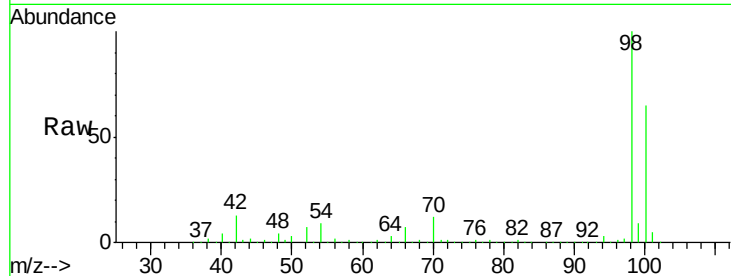
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Tot Ion: 98 Resp: 388690

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 47.277 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008860.D

Acq: 11 Apr 2019 18:27

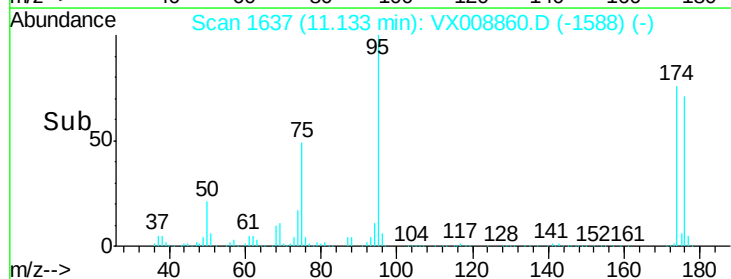
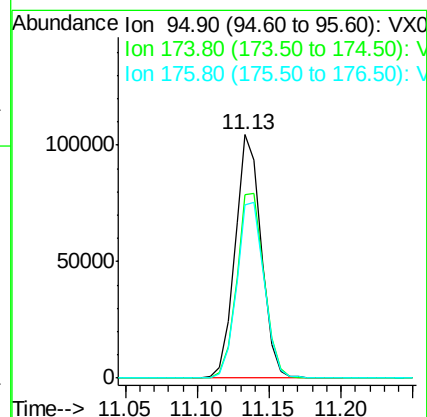
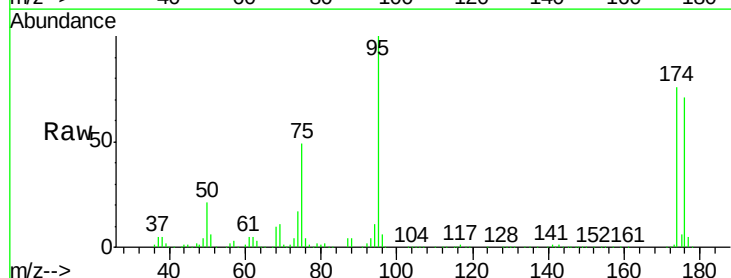
Tgt Ion: 95 Resp: 132885

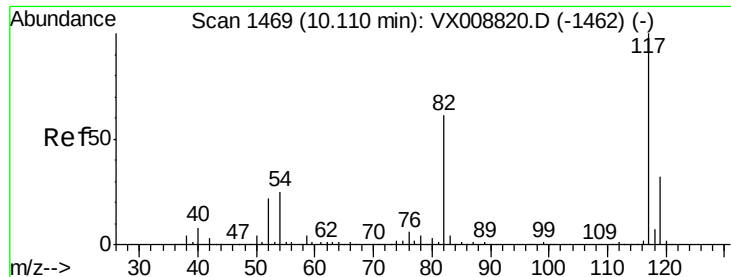
Ion Ratio Lower Upper

95 100

174 79.2 0.0 151.8

176 75.8 0.0 145.8

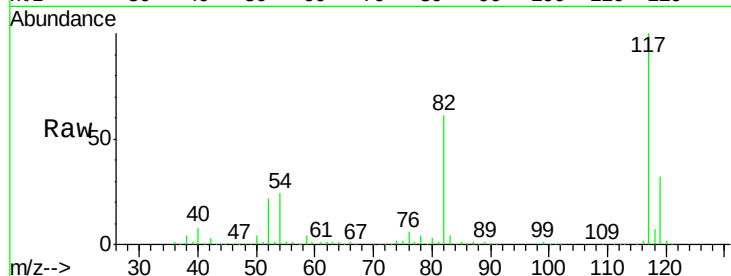




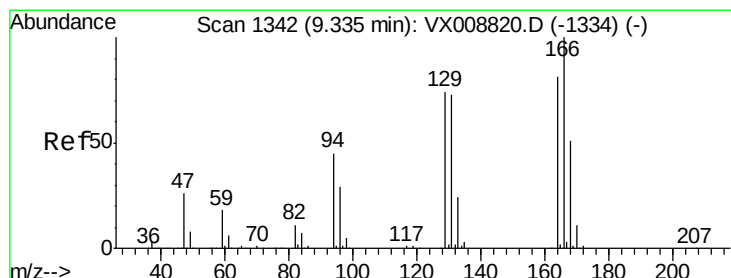
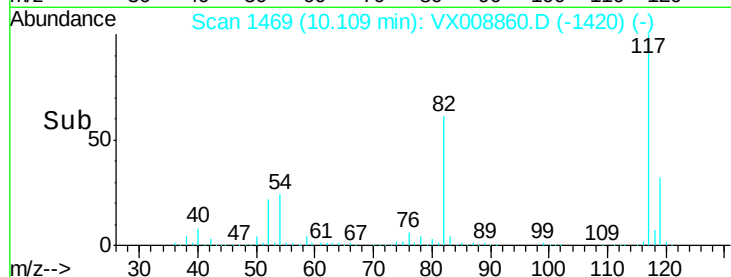
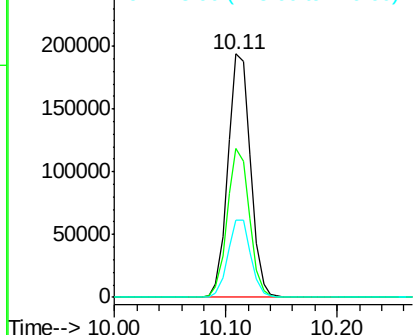
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-190408

Tot Ion:117 Resp: 271353
Ion Ratio Lower Upper
117 100
82 61.0 49.6 74.4
119 31.9 25.0 37.4

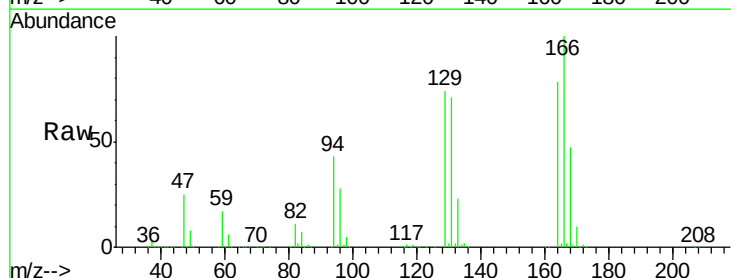


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

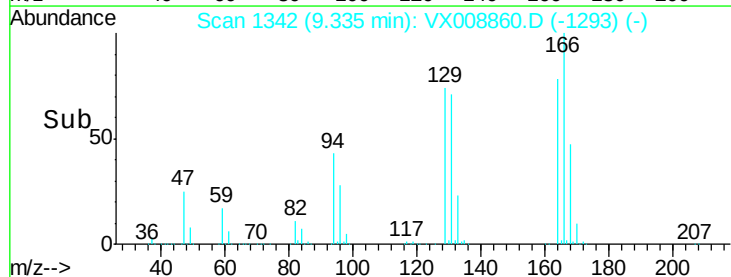
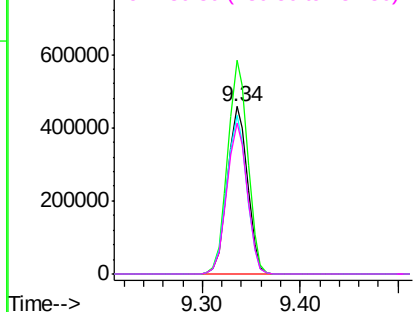


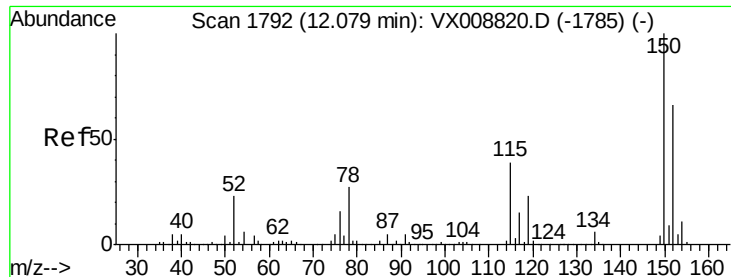
#64
Tetrachloroethene
Concen: 326.479 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008860.D
Acq: 11 Apr 2019 18:27

Tgt Ion:164 Resp: 656366
Ion Ratio Lower Upper
164 100
166 127.5 101.0 151.6
129 94.6 75.8 113.8
131 90.1 71.8 107.8



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: VX008860.D

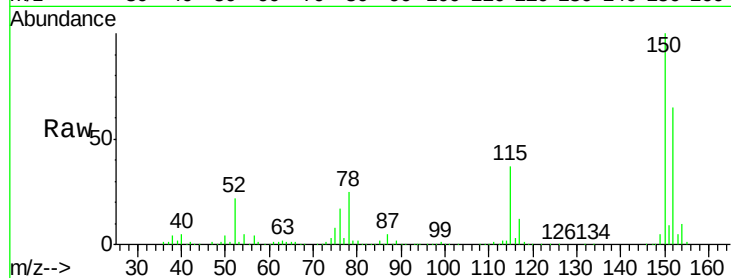
Acq: 11 Apr 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

ST008MW158-190408



Tot Ion:152 Resp: 118245

Ion Ratio Lower Upper

152 100

115 58.9 43.5 130.5

150 155.9 0.0 348.8

