

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009020.D
 Acq On : 17 Apr 2019 17:20
 Operator : JC/SP
 Sample : K2448-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW015-190415

Quant Time: Apr 18 03:22:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

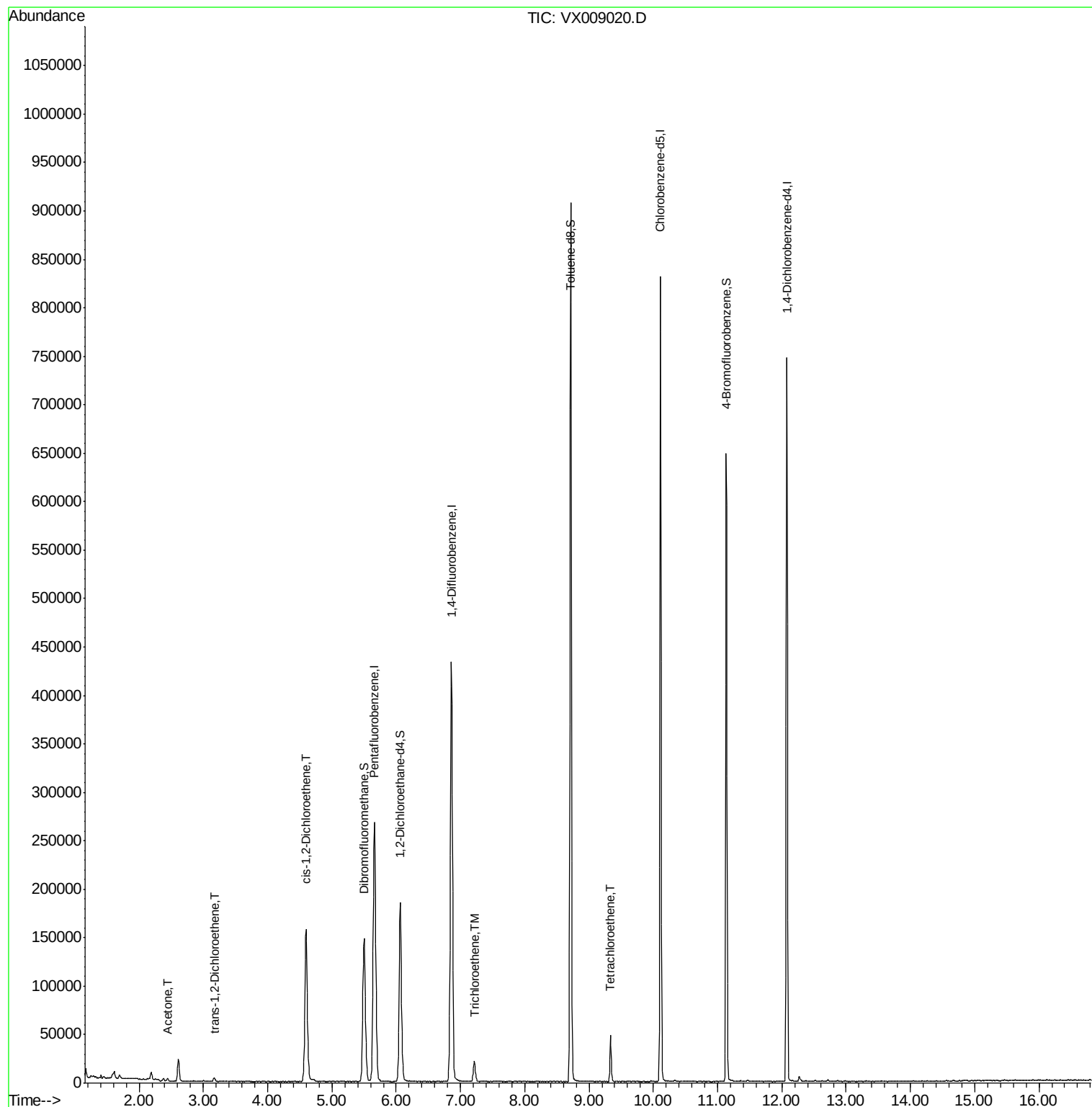
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	420231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	361630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	173399	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.50	113	126973	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	517126	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.13	95	172075	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
Target Compounds						
16) Acetone	2.45	43	3119	1.641	ug/l #	82
21) trans-1,2-Dichloroethene	3.17	96	1587	0.534	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	97357	28.834	ug/l	89
44) Trichloroethene	7.22	130	8416	2.679	ug/l	96
64) Tetrachloroethene	9.34	164	9060	3.298	ug/l	94

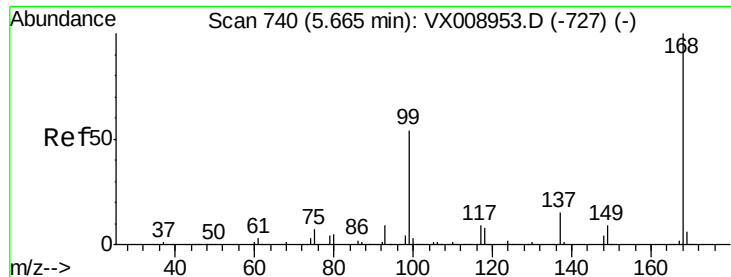
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
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: VX009020.D

Acq: 17 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

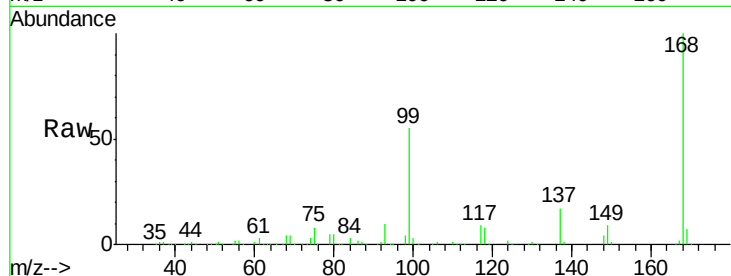
ST006MW015-190415

Tot Ion:168 Resp: 259997

Ion Ratio Lower Upper

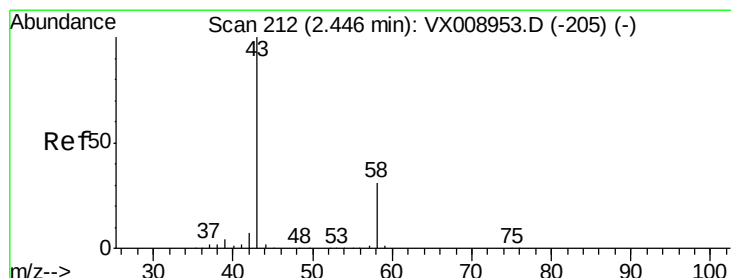
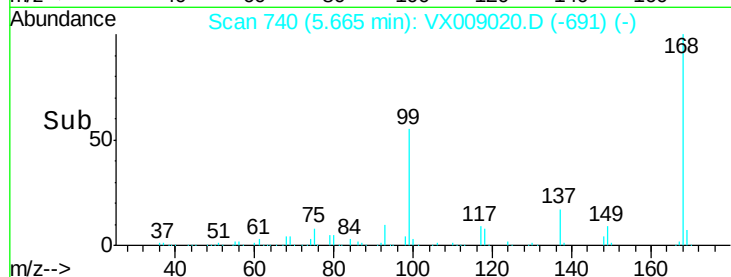
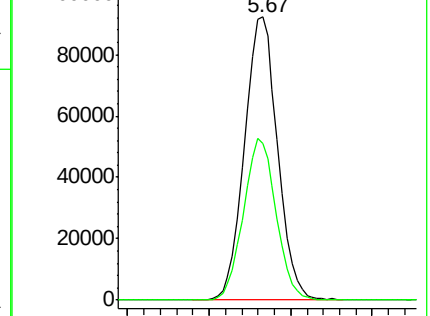
168 100

99 55.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.641 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009020.D

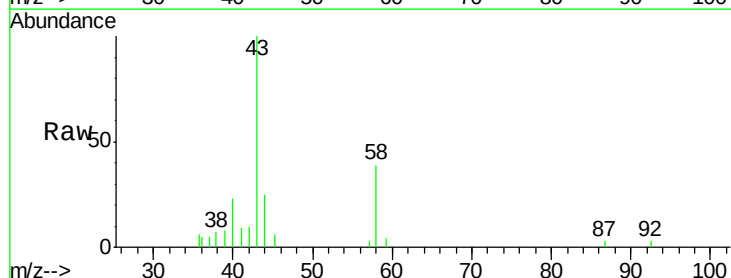
Acq: 17 Apr 2019 17:20

Tgt Ion: 43 Resp: 3119

Ion Ratio Lower Upper

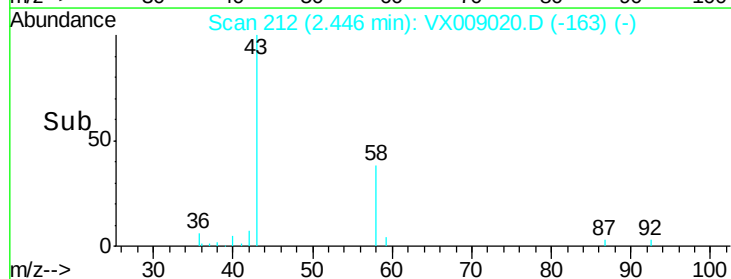
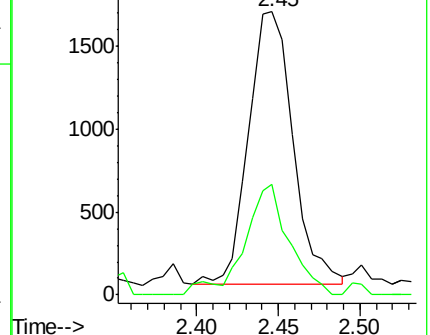
43 100

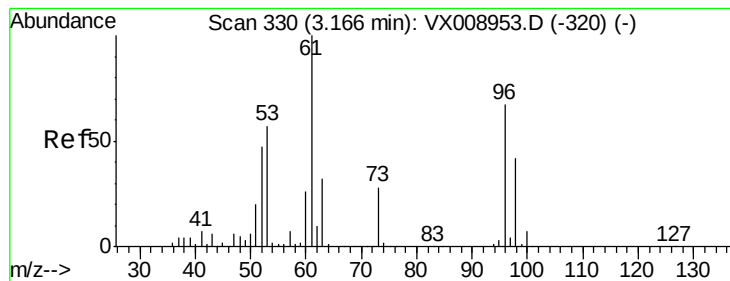
58 40.6 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.534 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009020.D

Acq: 17 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

ST006MW015-190415

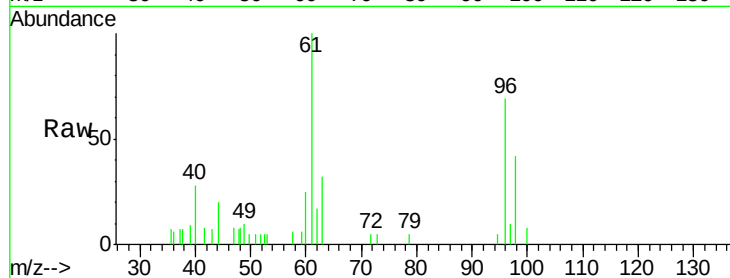
Tot Ion: 96 Resp: 1587

Ion Ratio Lower Upper

96 100

61 145.8 120.3 180.5

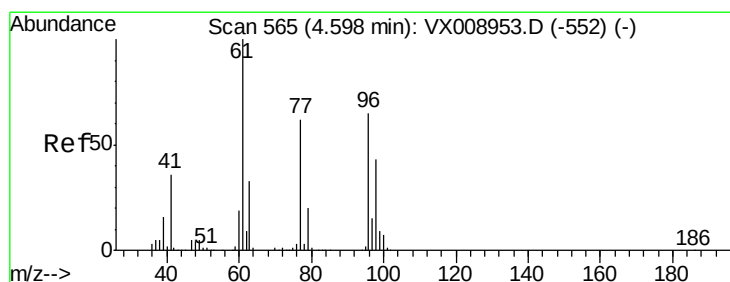
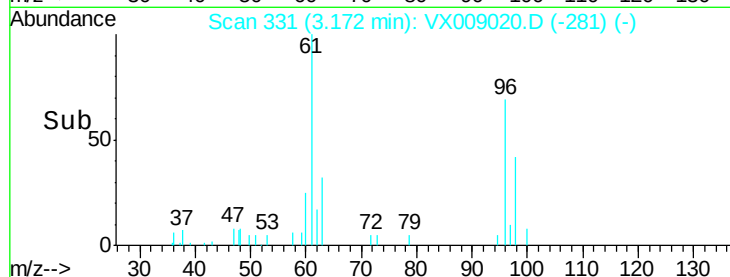
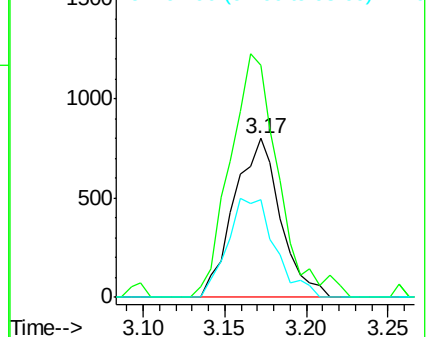
98 61.3 50.2 75.2



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



#27

cis-1,2-Dichloroethene

Concen: 28.834 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009020.D

Acq: 17 Apr 2019 17:20

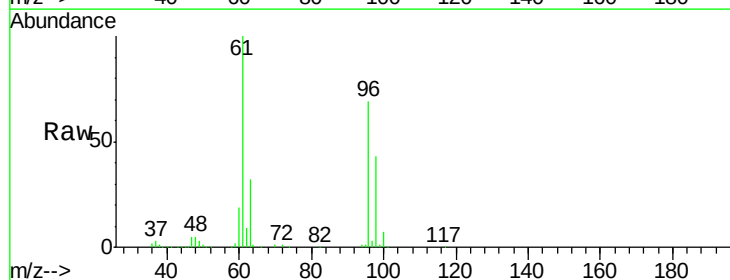
Tgt Ion: 96 Resp: 97357

Ion Ratio Lower Upper

96 100

61 141.6 0.0 322.0

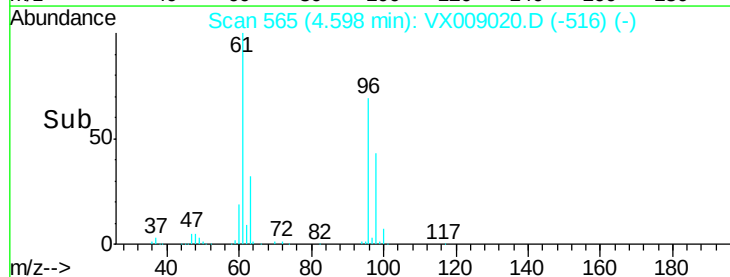
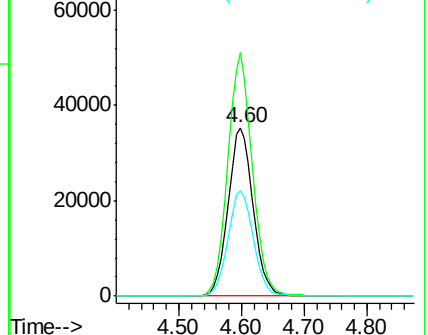
98 63.6 0.0 128.4

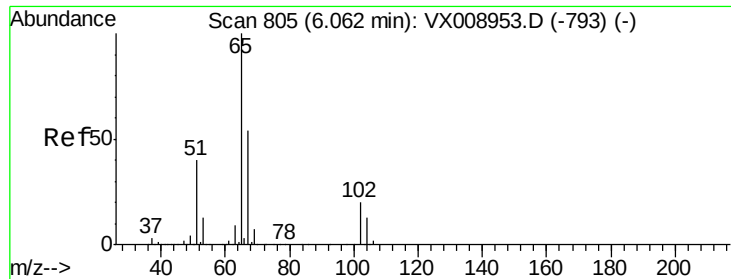


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

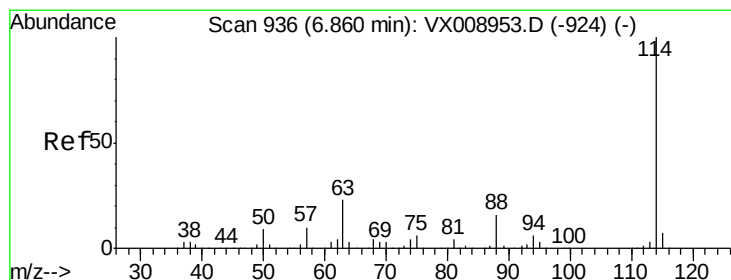
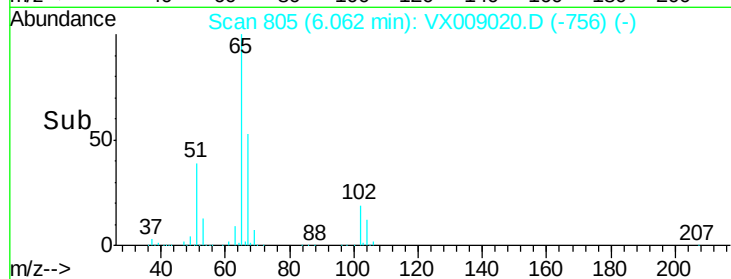
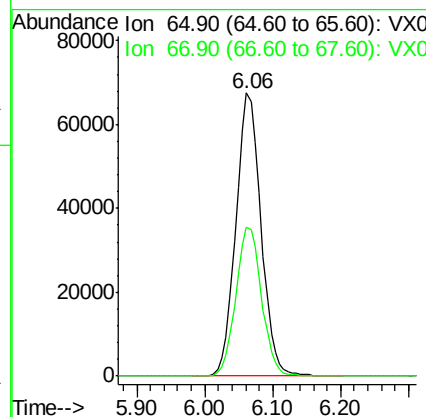
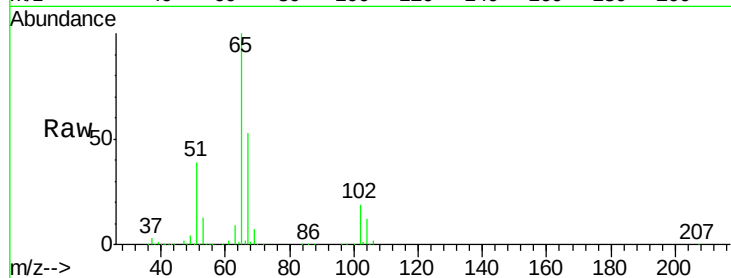




#33
 1,2-Dichloroethane-d4
 Concen: 47.324 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009020.D
 Acq: 17 Apr 2019 17:20

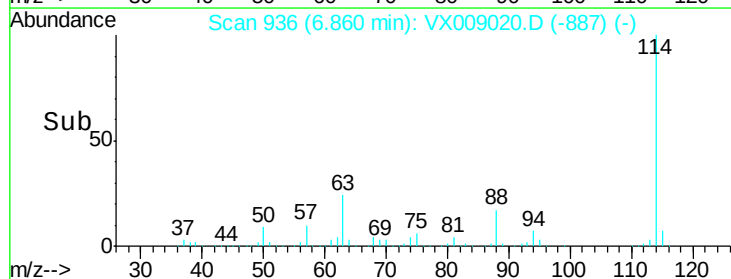
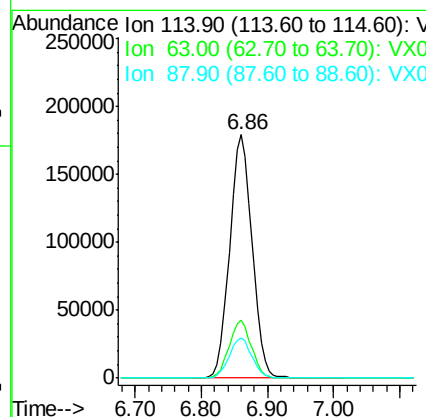
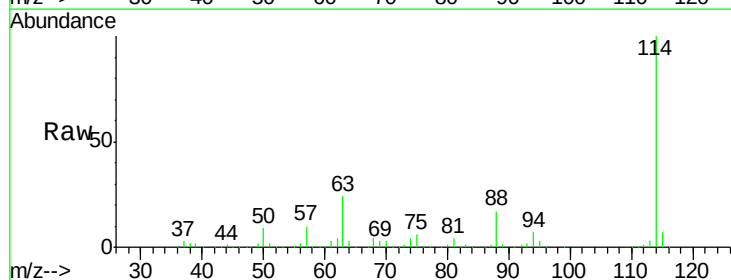
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW015-190415

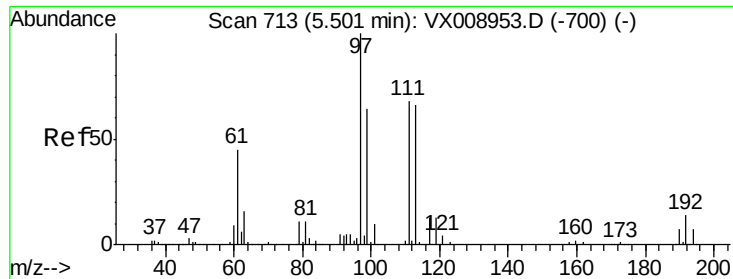
Tot Ion: 65 Resp: 173399
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009020.D
 Acq: 17 Apr 2019 17:20

Tgt Ion: 114 Resp: 420231
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.0
 88 16.7 0.0 32.6

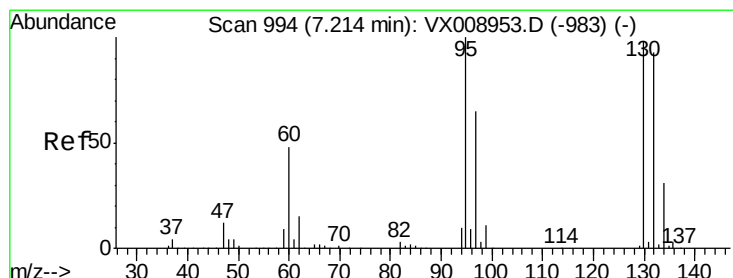
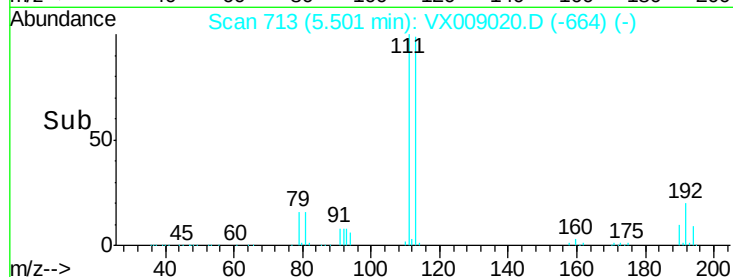
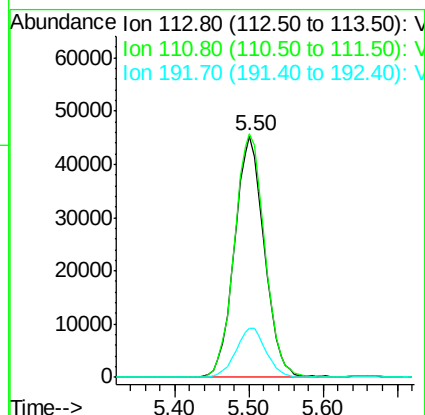
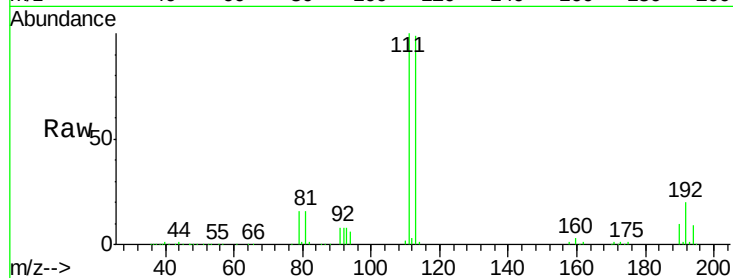




#35
 Dibromofluoromethane
 Concen: 47.080 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009020.D
 Acq: 17 Apr 2019 17:20

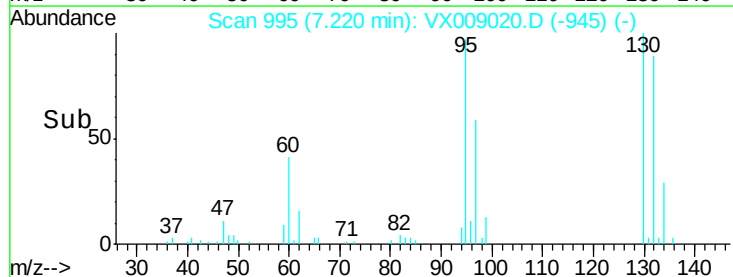
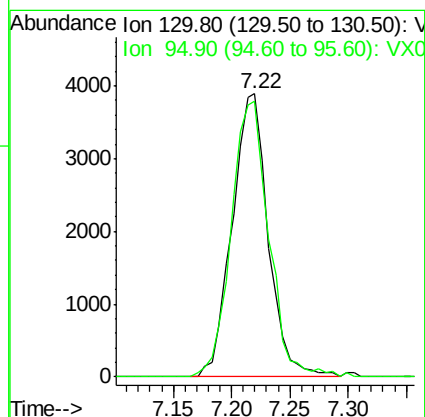
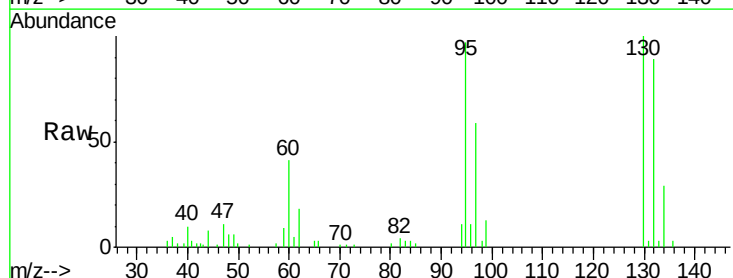
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW015-190415

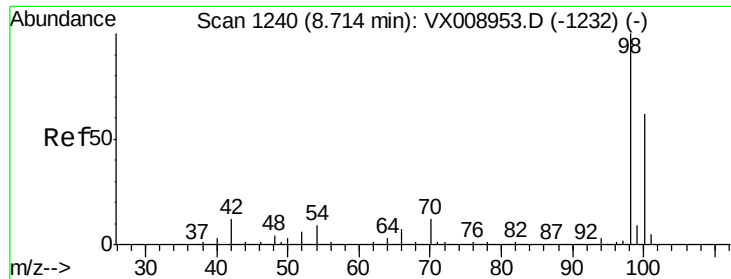
Tot Ion:113 Resp: 126973
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 20.8 17.4 26.0



#44
 Trichloroethene
 Concen: 2.679 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX009020.D
 Acq: 17 Apr 2019 17:20

Tgt Ion:130 Resp: 8416
 Ion Ratio Lower Upper
 130 100
 95 97.3 0.0 203.2





#50

Toluene-d8

Concen: 48.080 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009020.D

Acq: 17 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

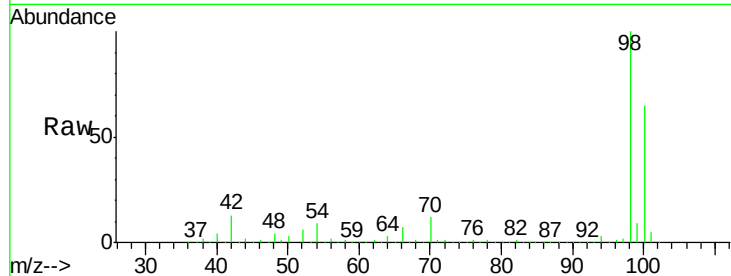
ST006MW015-190415

Tot Ion: 98 Resp: 517126

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

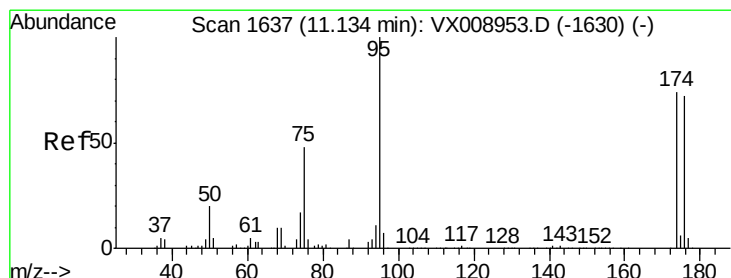
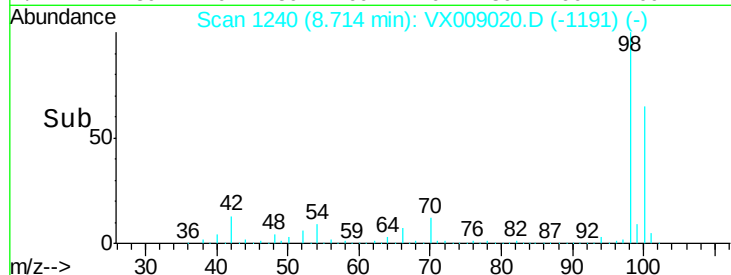
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.322 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009020.D

Acq: 17 Apr 2019 17:20

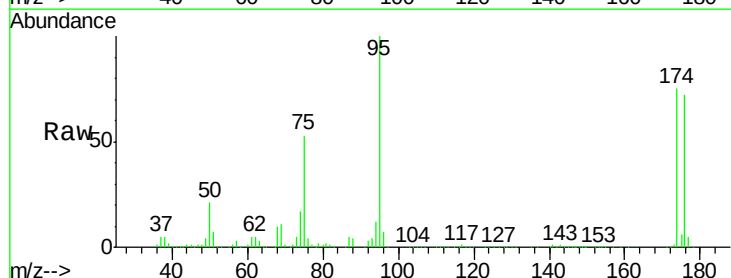
Tgt Ion: 95 Resp: 172075

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.6

176 76.9 0.0 154.8



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

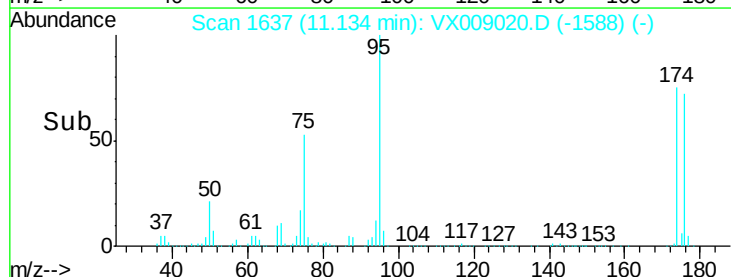
150000

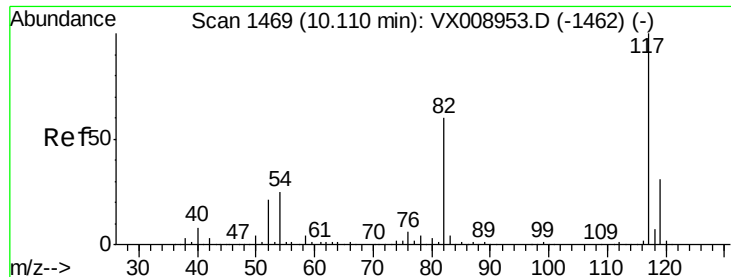
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009020.D

Acq: 17 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

ST006MW015-190415

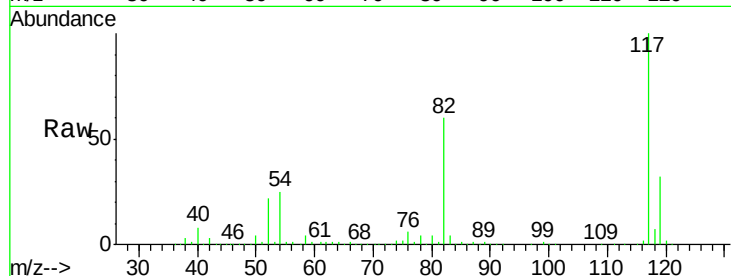
Tot Ion:117 Resp: 361630

Ion Ratio Lower Upper

117 100

82 60.1 48.2 72.4

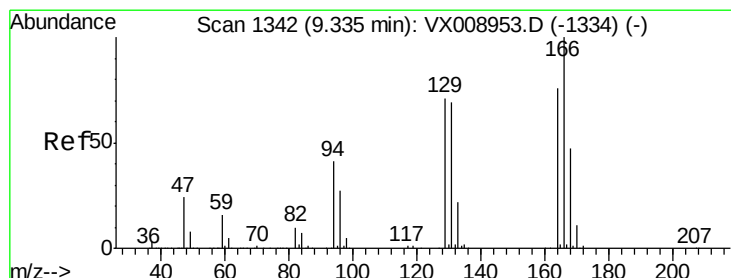
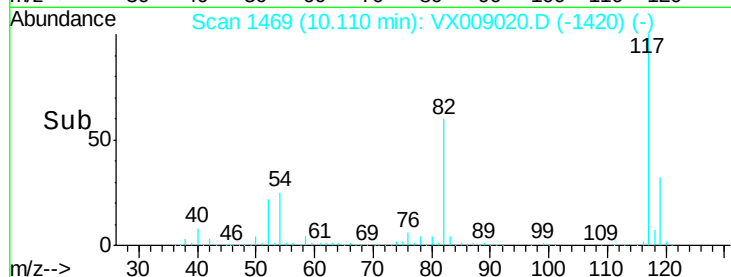
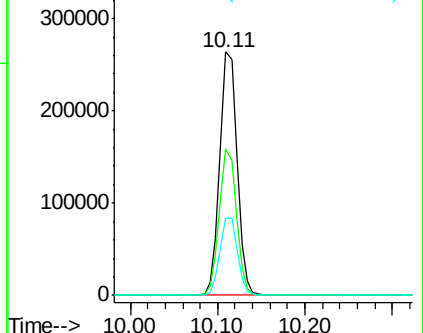
119 31.9 25.0 37.6



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: 3.298 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009020.D

Acq: 17 Apr 2019 17:20

Tgt Ion:164 Resp: 9060

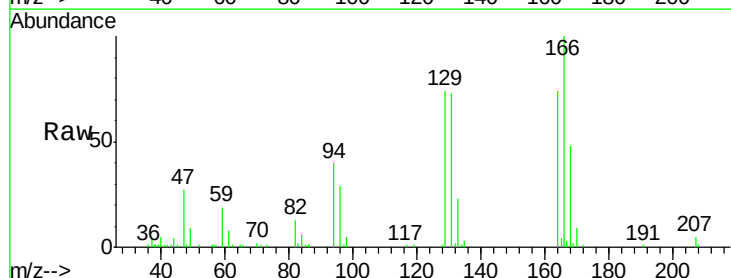
Ion Ratio Lower Upper

164 100

166 134.6 105.0 157.4

129 100.1 74.2 111.4

131 98.1 72.2 108.2

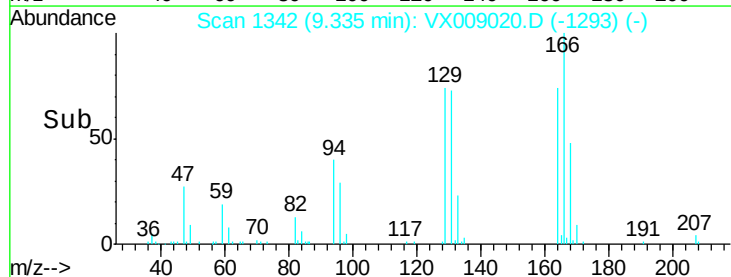
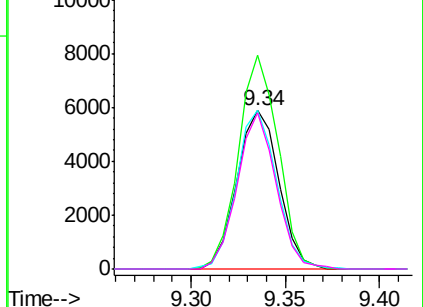


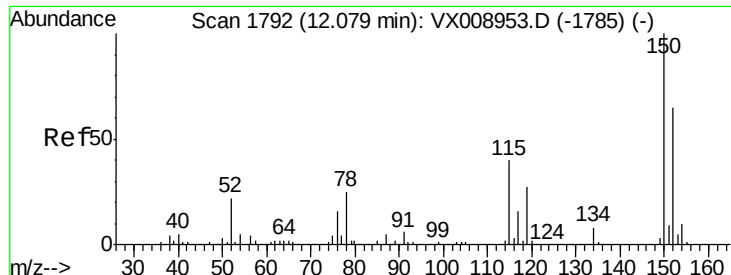
Abundance Ion 163.80 (163.50 to 164.50): V

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

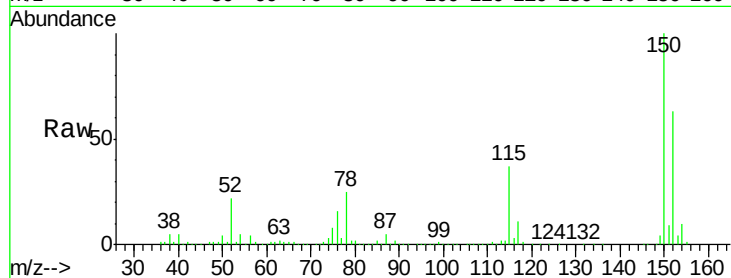




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009020.D
 Acq: 17 Apr 2019 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW015-190415

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.4	124.2
150	157.4	0.0	349.8



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

