

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008940.D
 Acq On : 13 Apr 2019 18:29
 Operator : JC/SP
 Sample : K2385-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW012-190410

Quant Time: Apr 15 04:07:59 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

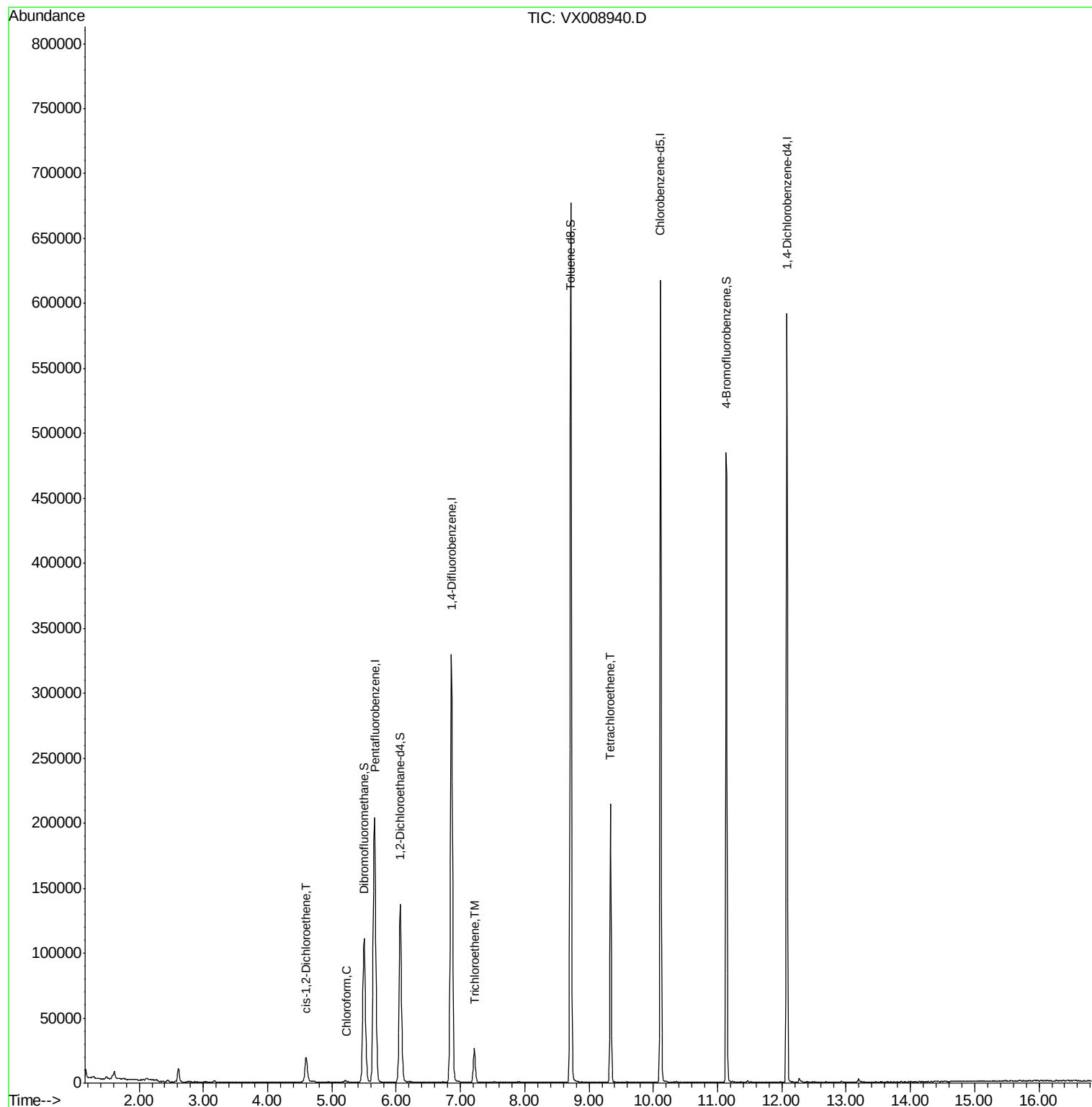
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128746	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
35) Dibromofluoromethane	5.50	113	95636	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
50) Toluene-d8	8.71	98	395530	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	11.13	95	130934	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	12652	4.385	ug/l	85
30) Chloroform	5.22	83	1636	0.361	ug/l	99
44) Trichloroethene	7.21	130	9815	4.010	ug/l	98
64) Tetrachloroethene	9.34	164	41500	20.361	ug/l	98

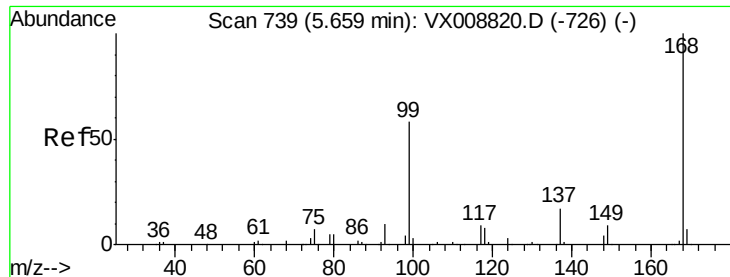
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008940.D

Acq: 13 Apr 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

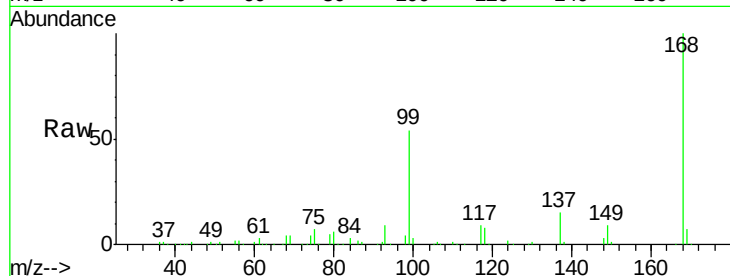
ST006MW012-190410

Tot Ion:168 Resp: 200669

Ion Ratio Lower Upper

168 100

99 54.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

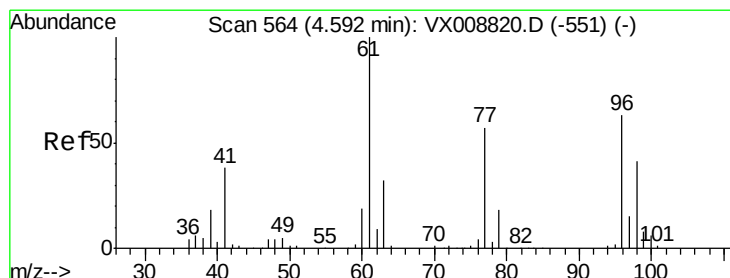
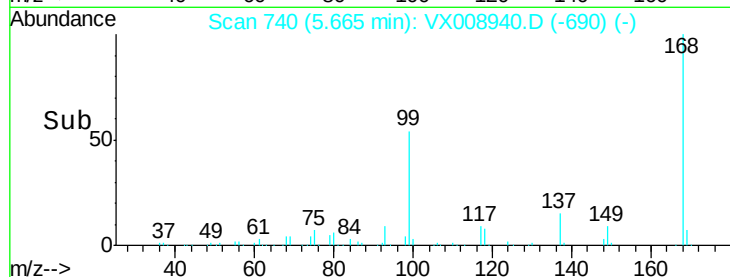
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 4.385 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008940.D

Acq: 13 Apr 2019 18:29

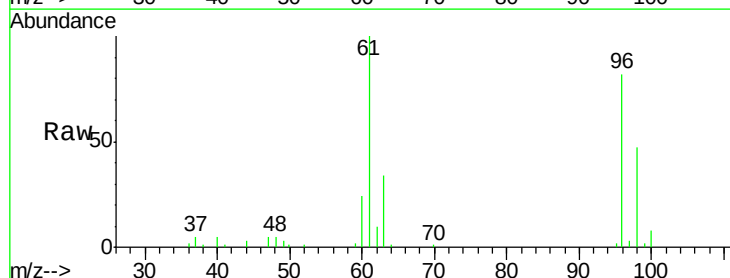
Tgt Ion: 96 Resp: 12652

Ion Ratio Lower Upper

96 100

61 136.1 0.0 327.6

98 63.4 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

4.60

8000

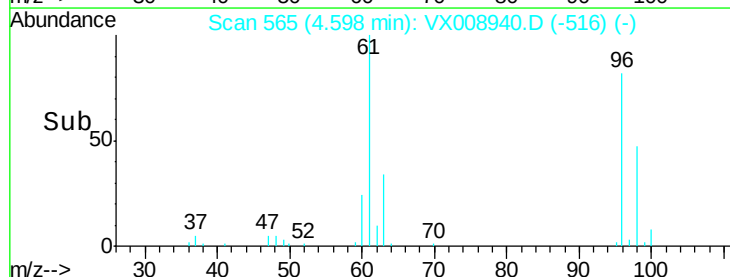
6000

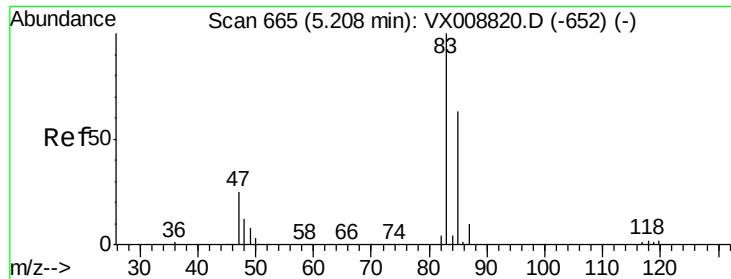
4000

2000

0

Time--> 4.50 4.60 4.70

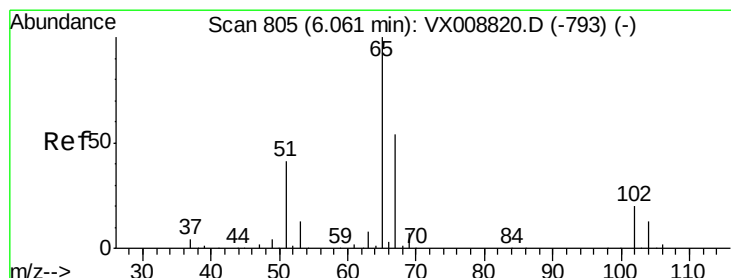
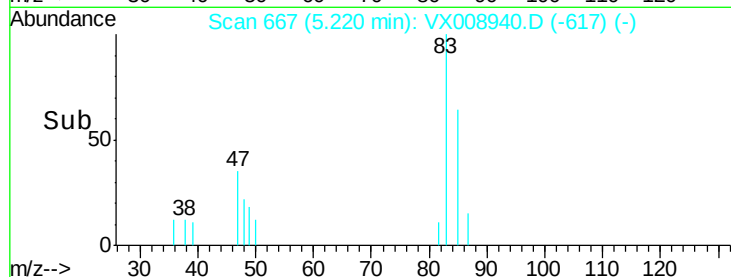
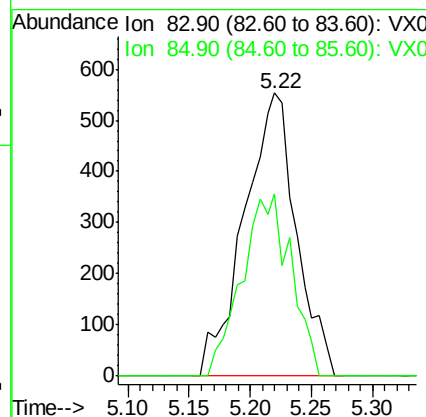
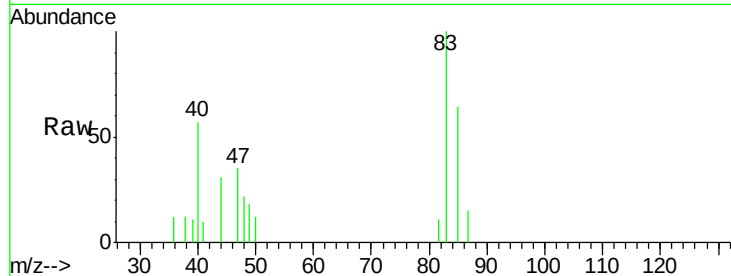




#30
Chloroform
Concen: 0.361 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008940.D
Acq: 13 Apr 2019 18:29

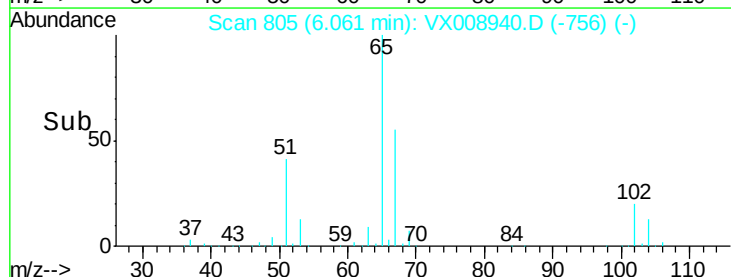
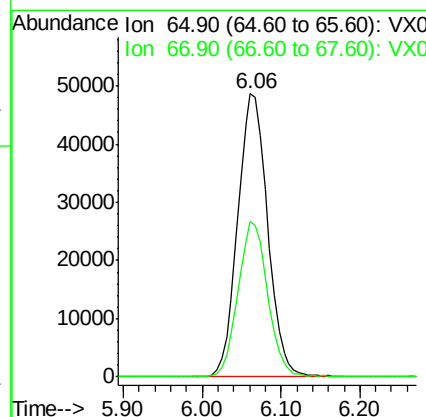
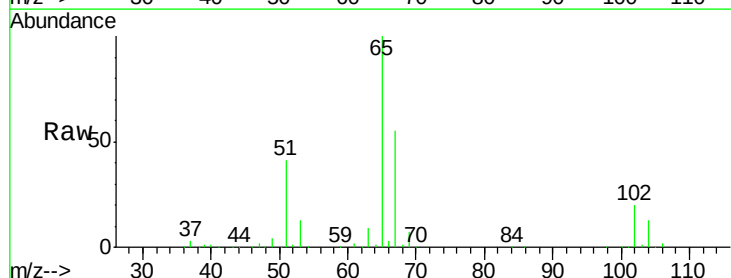
Instrument :
MSVOA_X
ClientSampleId :
ST006MW012-190410

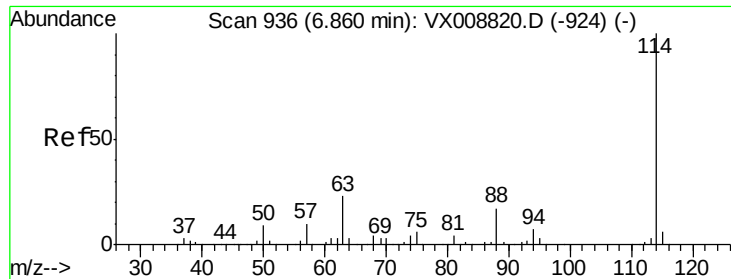
Tot Ion: 83 Resp: 1636
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 43.988 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008940.D
Acq: 13 Apr 2019 18:29

Tgt Ion: 65 Resp: 128746
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2

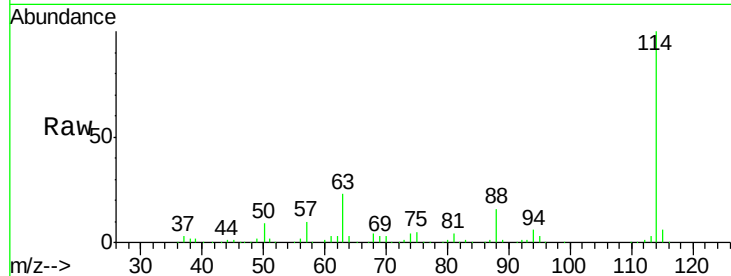




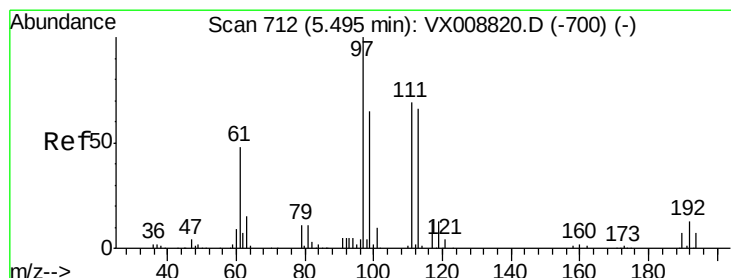
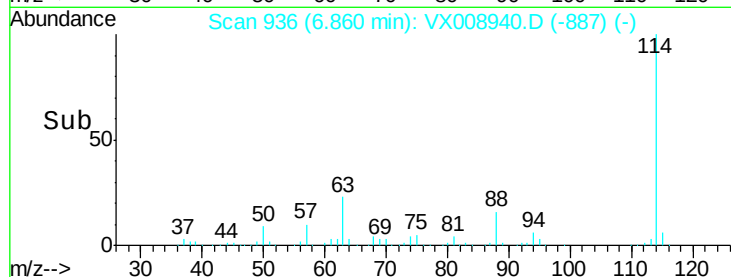
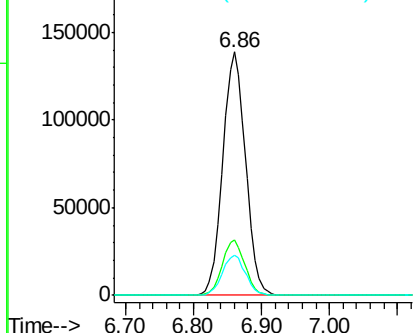
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008940.D
 Acq: 13 Apr 2019 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW012-190410

Tot Ion:114 Resp: 322704
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.5 0.0 34.0

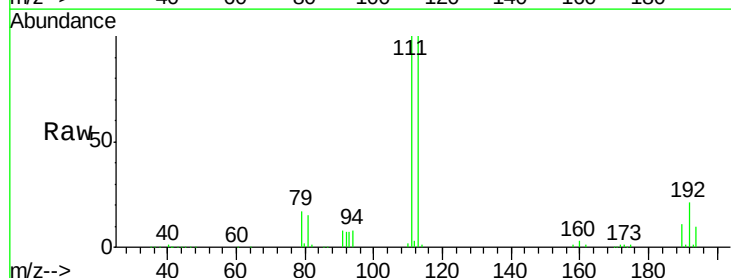


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

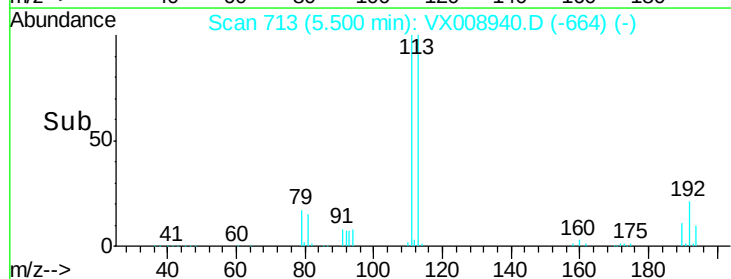
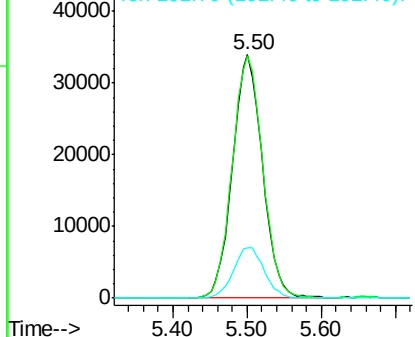


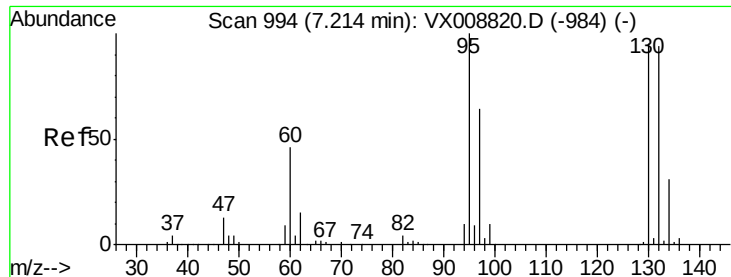
#35
 Dibromofluoromethane
 Concen: 46.352 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008940.D
 Acq: 13 Apr 2019 18:29

Tgt Ion:113 Resp: 95636
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.4 125.2
 192 21.4 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: 4.010 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008940.D

Acq: 13 Apr 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

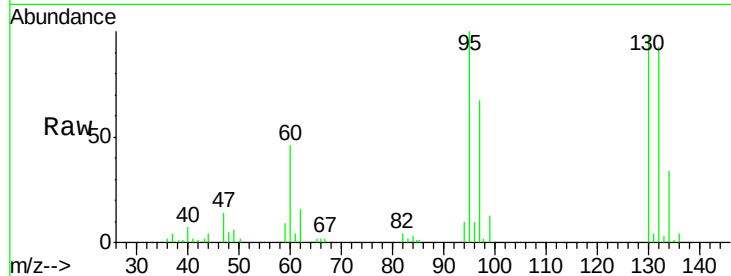
ST006MW012-190410

Tot Ion:130 Resp: 9815

Ion Ratio Lower Upper

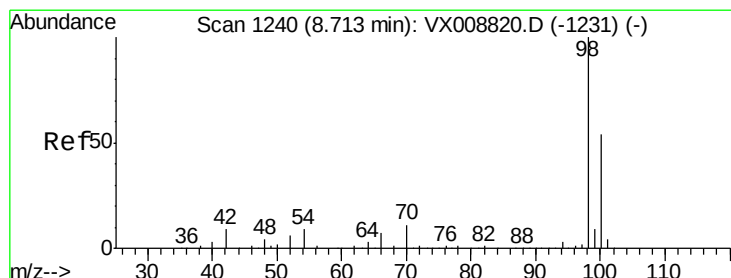
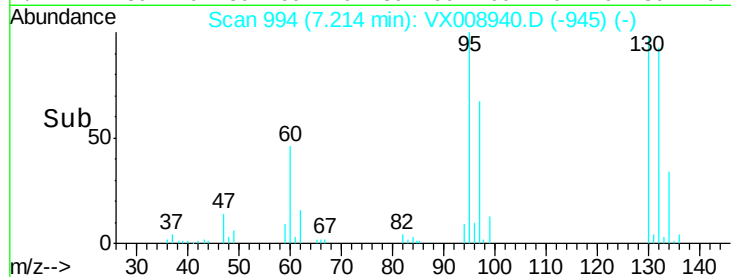
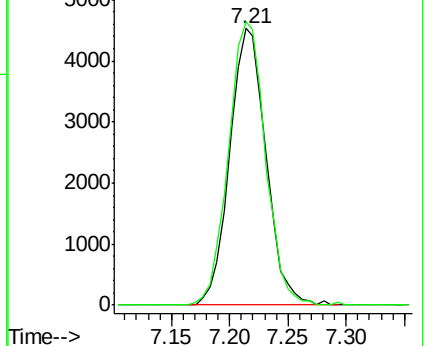
130 100

95 102.4 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.146 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008940.D

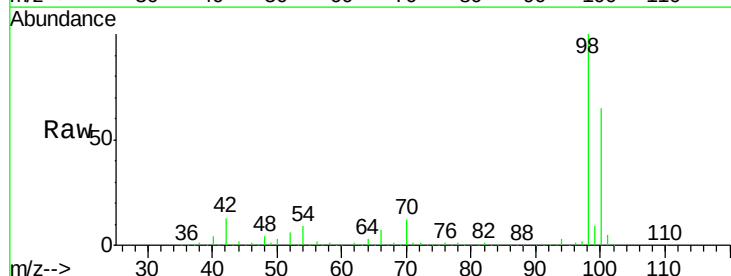
Acq: 13 Apr 2019 18:29

Tgt Ion: 98 Resp: 395530

Ion Ratio Lower Upper

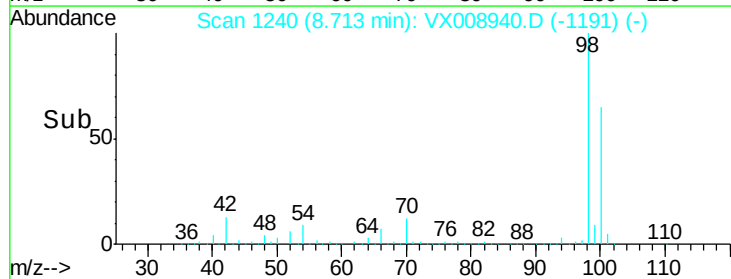
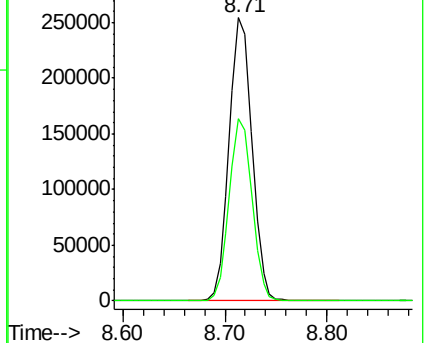
98 100

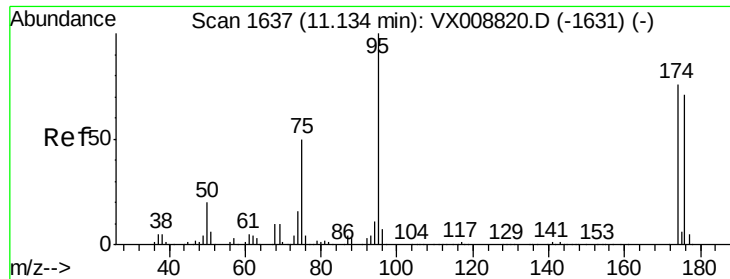
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.944 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008940.D

Acq: 13 Apr 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

ST006MW012-190410

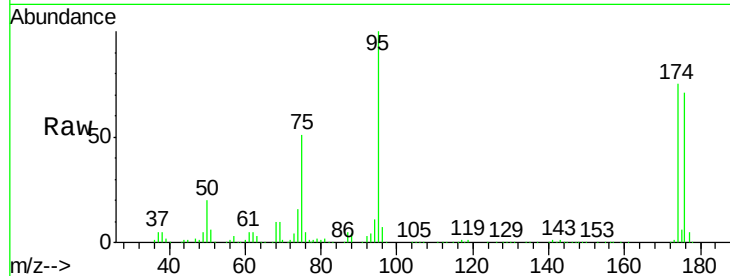
Tot Ion: 95 Resp: 130934

Ion Ratio Lower Upper

95 100

174 80.2 0.0 151.8

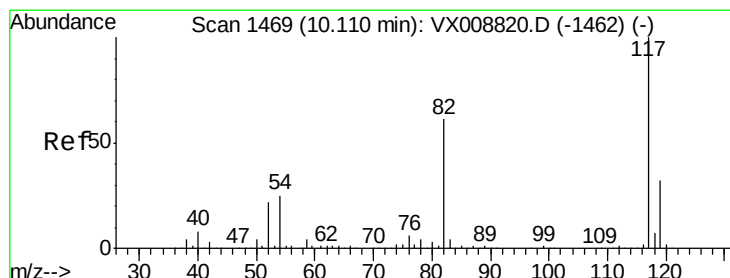
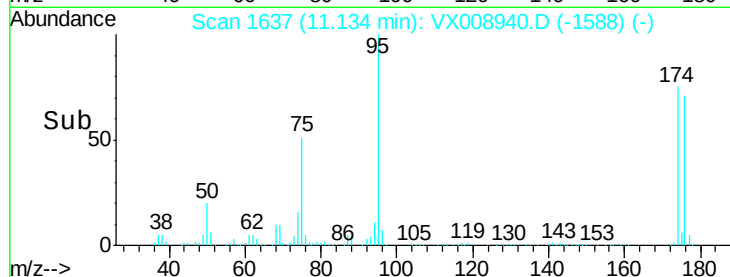
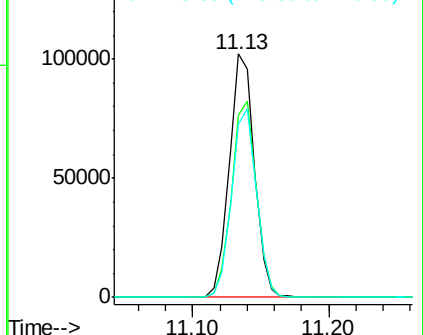
176 77.4 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008940.D

Acq: 13 Apr 2019 18:29

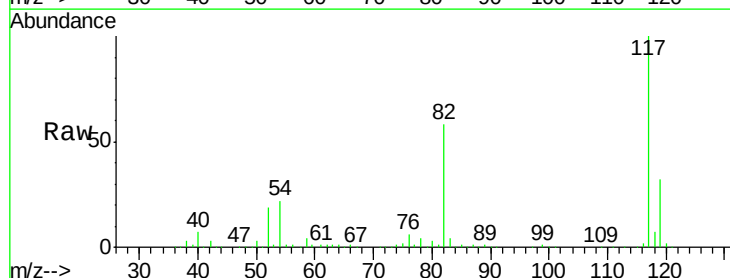
Tgt Ion: 117 Resp: 275101

Ion Ratio Lower Upper

117 100

82 57.9 49.6 74.4

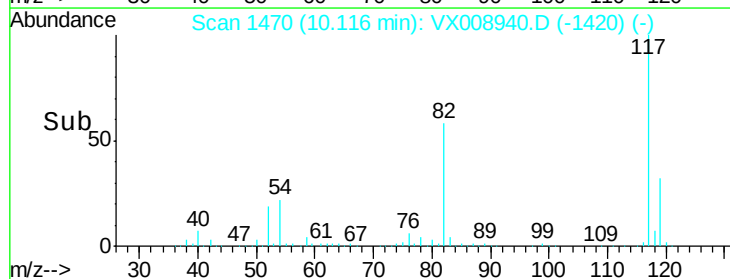
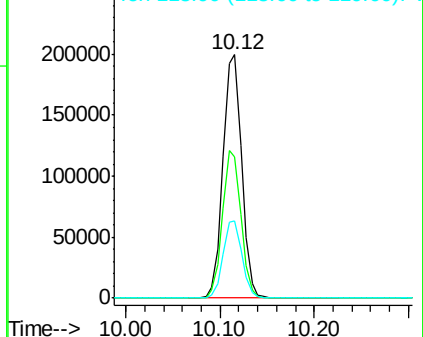
119 31.7 25.0 37.4

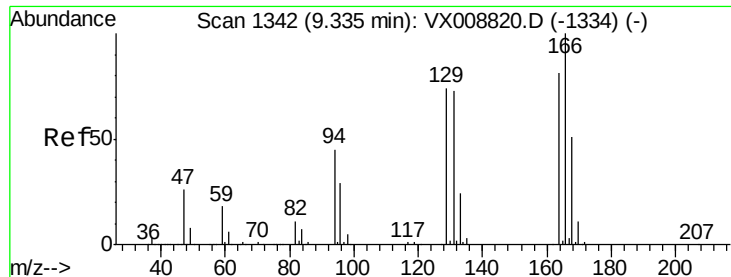


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)





#64

Tetrachloroethene

Concen: 20.361 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008940.D

Acq: 13 Apr 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

ST006MW012-190410

Tot Ion:164 Resp: 41500

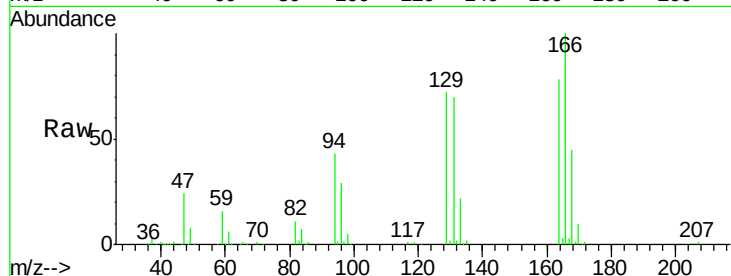
Ion Ratio Lower Upper

164 100

166 128.9 101.0 151.6

129 92.3 75.8 113.8

131 89.7 71.8 107.8

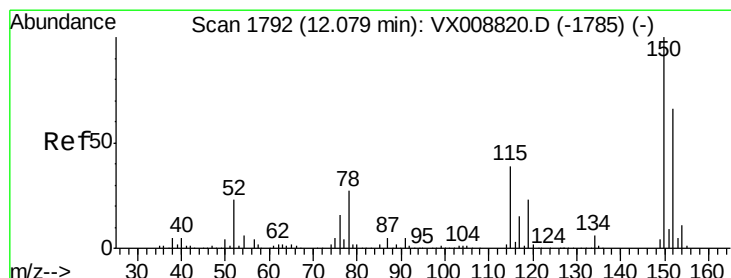
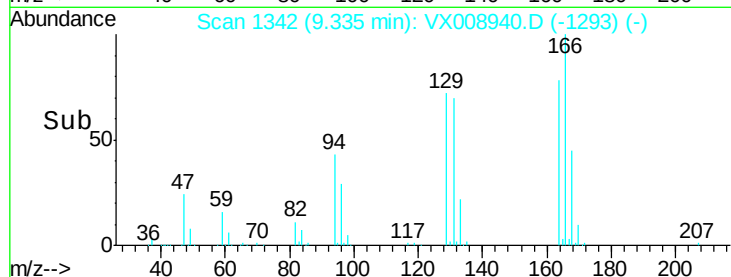
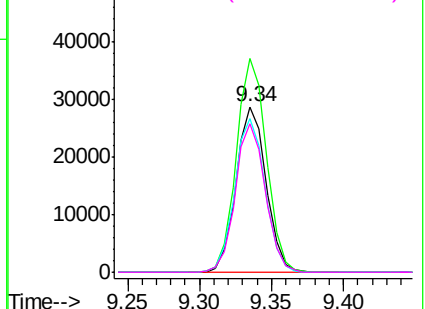


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008940.D

Acq: 13 Apr 2019 18:29

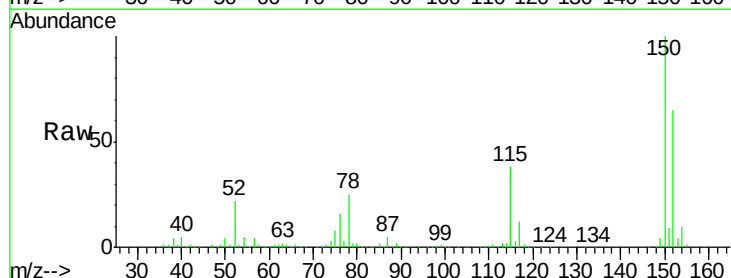
Tgt Ion:152 Resp: 116927

Ion Ratio Lower Upper

152 100

115 58.5 43.5 130.5

150 156.9 0.0 348.8



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

