

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008807.D
 Acq On : 10 Apr 2019 15:56
 Operator : JC/SP
 Sample : K2349-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW153-190409

Quant Time: Apr 11 07:47:35 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

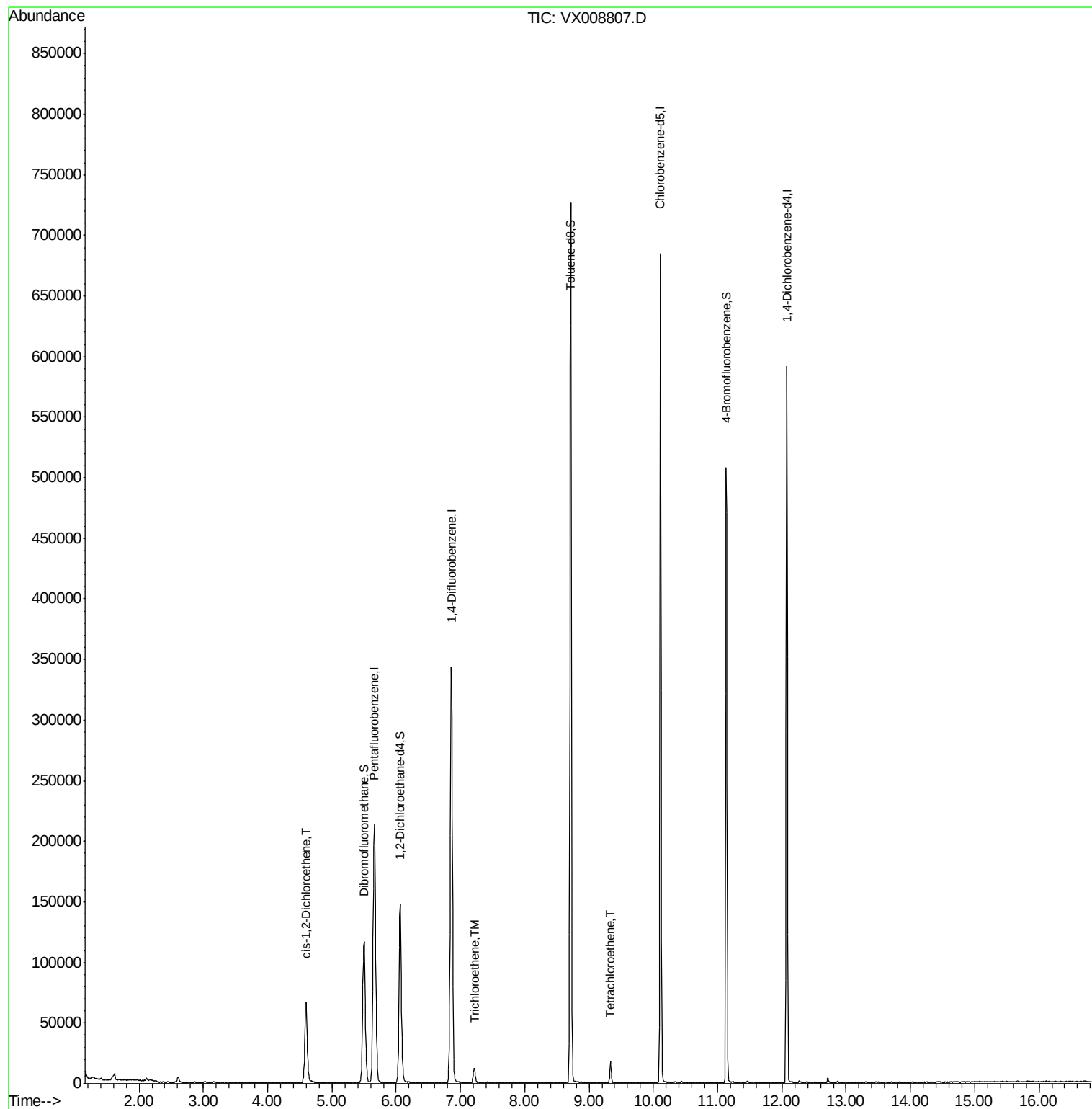
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	206638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	137310	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
35) Dibromofluoromethane	5.50	113	101539	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	8.71	98	418492	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	137288	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	41011	13.804	ug/l	90
44) Trichloroethene	7.21	130	4771	1.863	ug/l	99
64) Tetrachloroethene	9.34	164	3607	1.697	ug/l	99

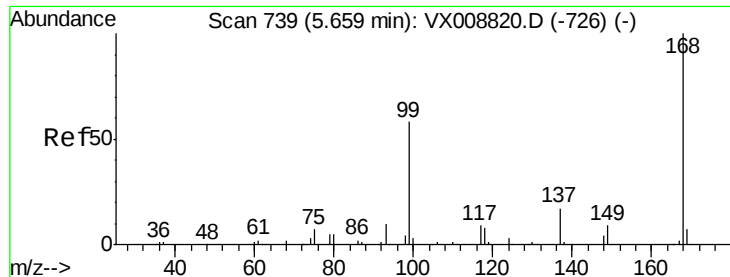
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008807.D

Acq: 10 Apr 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

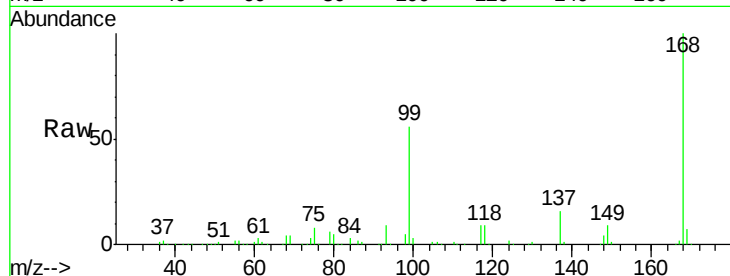
ST008MW153-190409

Tot Ion:168 Resp: 206638

Ion Ratio Lower Upper

168 100

99 56.1 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

80000

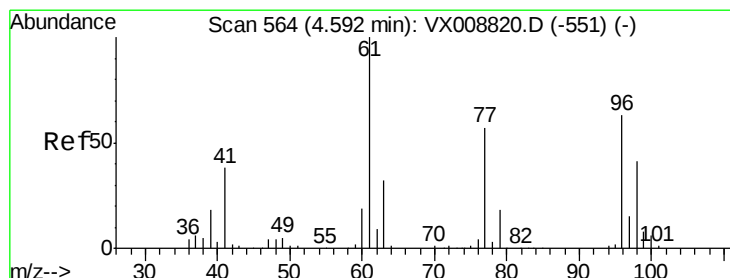
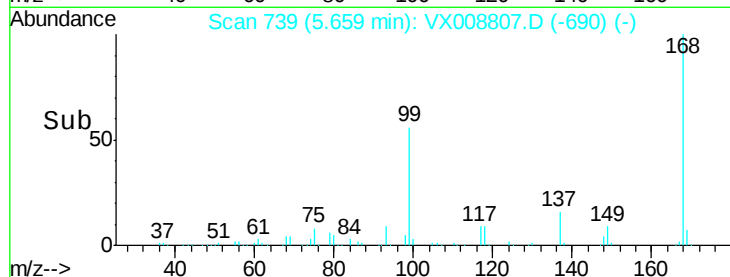
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 13.804 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008807.D

Acq: 10 Apr 2019 15:56

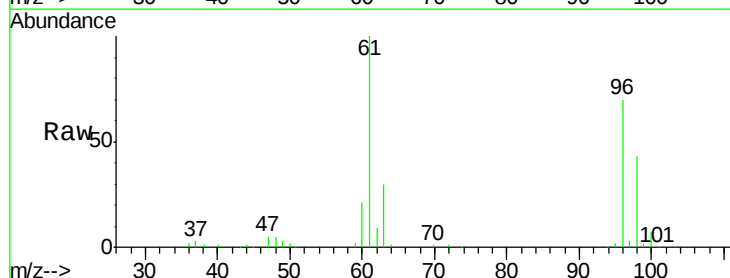
Tgt Ion: 96 Resp: 41011

Ion Ratio Lower Upper

96 100

61 145.7 0.0 327.6

98 65.2 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

25000

20000

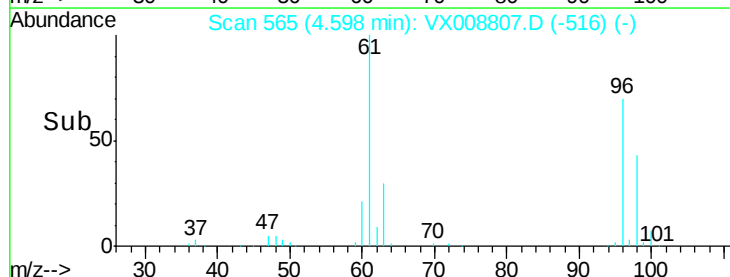
15000

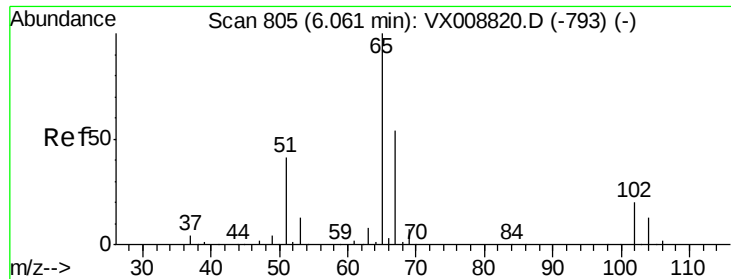
10000

5000

0

Time--> 4.50 4.60 4.70

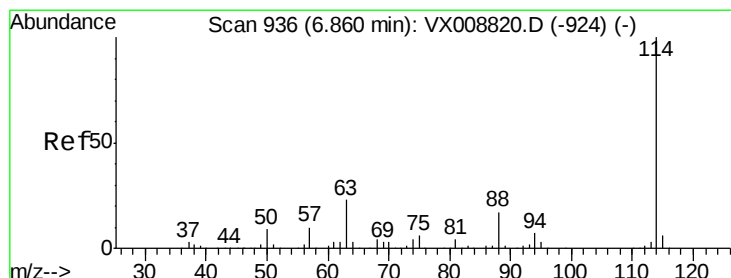
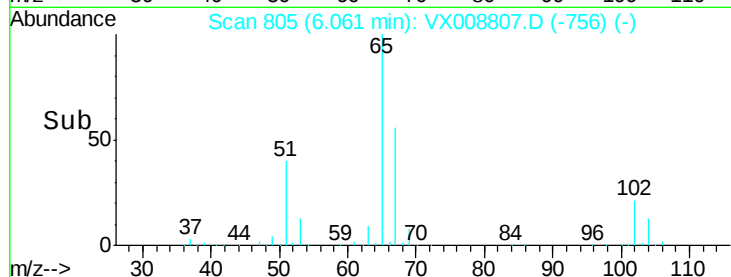
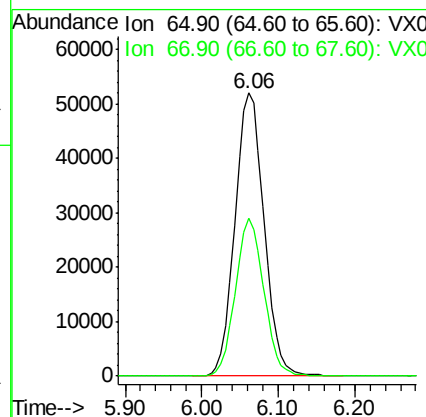
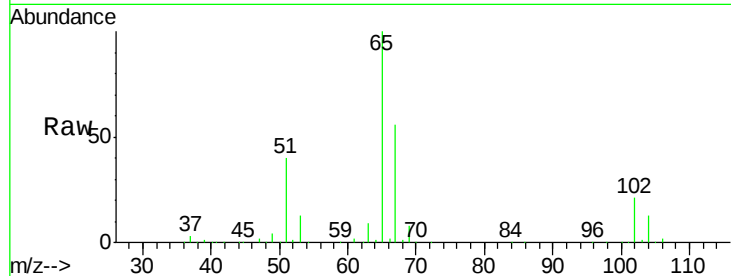




#33
 1,2-Dichloroethane-d4
 Concen: 45.558 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008807.D
 Acq: 10 Apr 2019 15:56

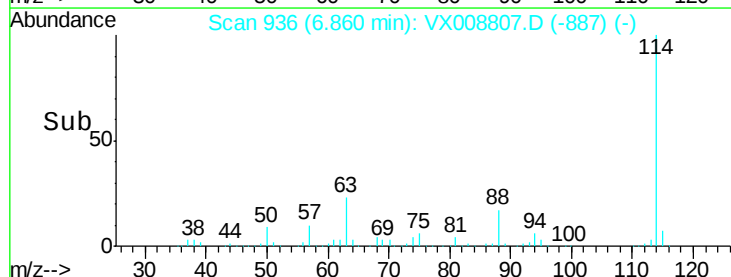
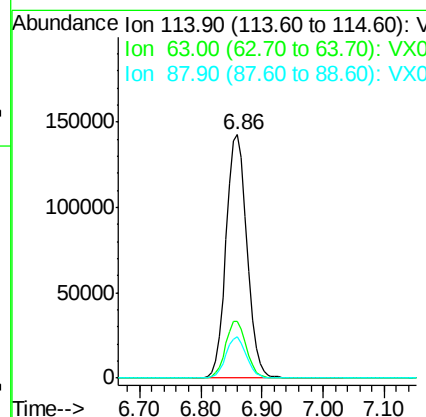
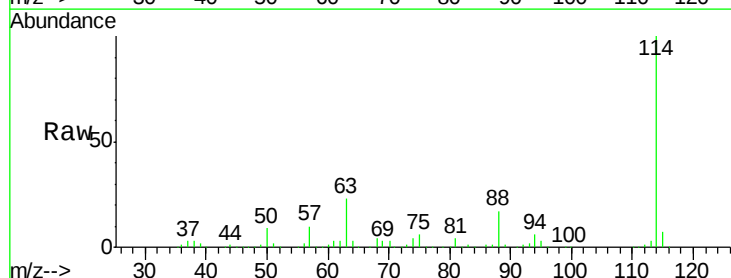
Instrument :
 MSVOA_X
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 ST008MW153-190409

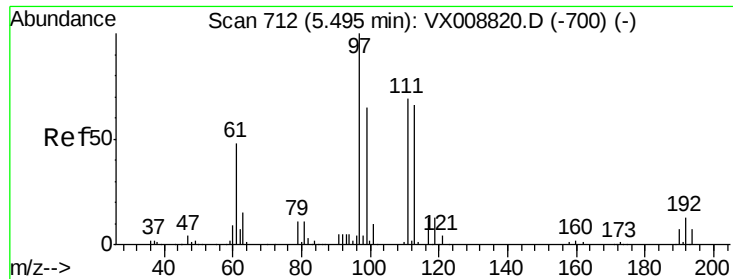
Tot Ion: 65 Resp: 137310
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008807.D
 Acq: 10 Apr 2019 15:56

Tgt Ion: 114 Resp: 337708
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.2
 88 16.9 0.0 34.0

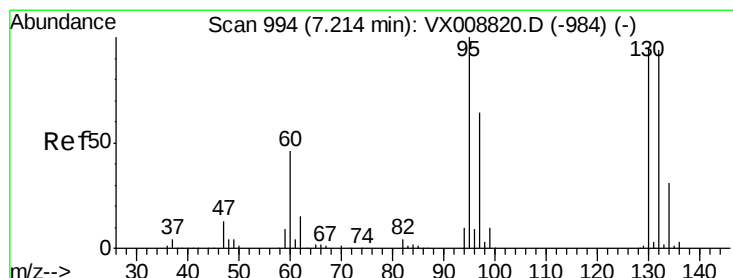
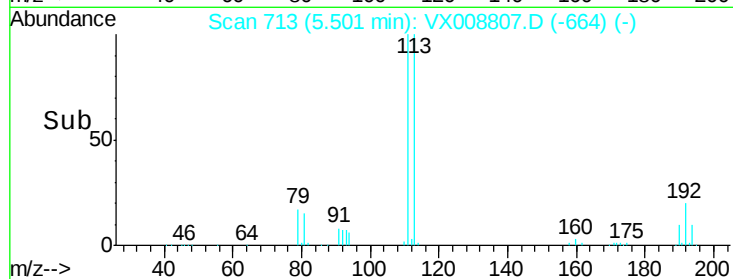
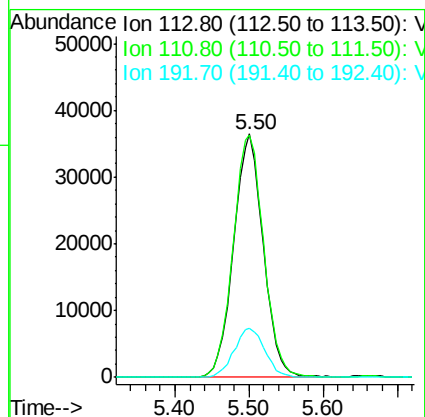
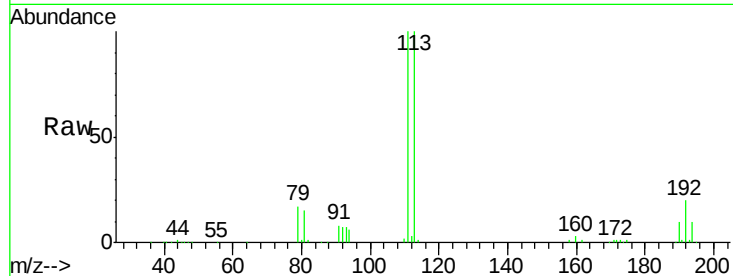




#35
 Dibromofluoromethane
 Concen: 47.027 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008807.D
 Acq: 10 Apr 2019 15:56

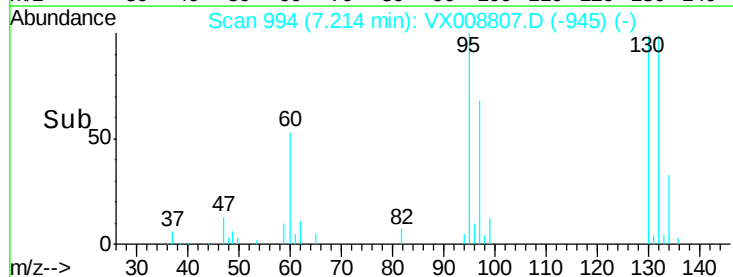
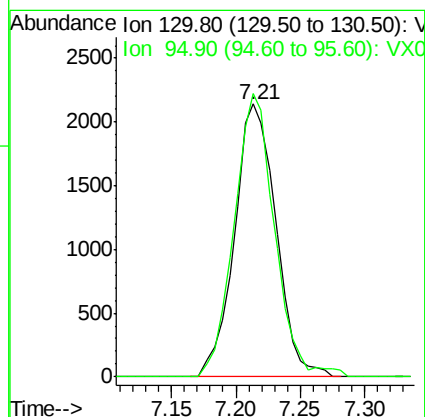
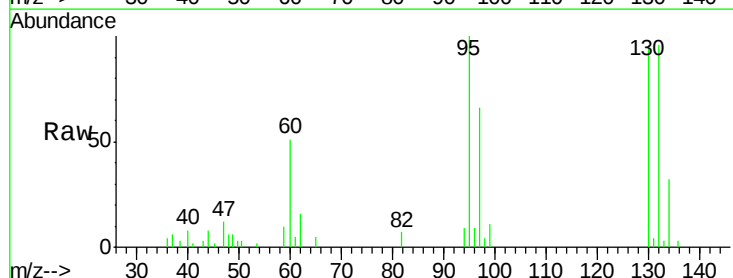
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW153-190409

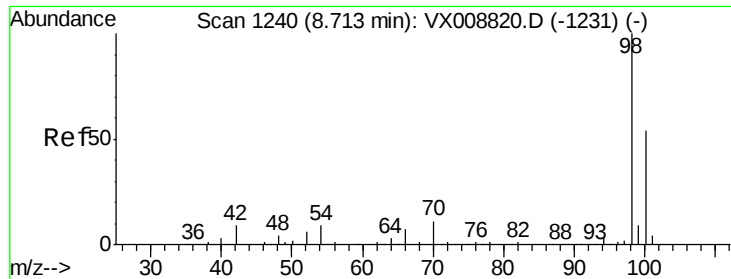
Tot Ion:113 Resp: 101539
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.2
 192 20.9 16.1 24.1



#44
 Trichloroethene
 Concen: 1.863 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008807.D
 Acq: 10 Apr 2019 15:56

Tgt Ion:130 Resp: 4771
 Ion Ratio Lower Upper
 130 100
 95 103.8 0.0 209.8





#50

Toluene-d8

Concen: 48.677 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008807.D

Acq: 10 Apr 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

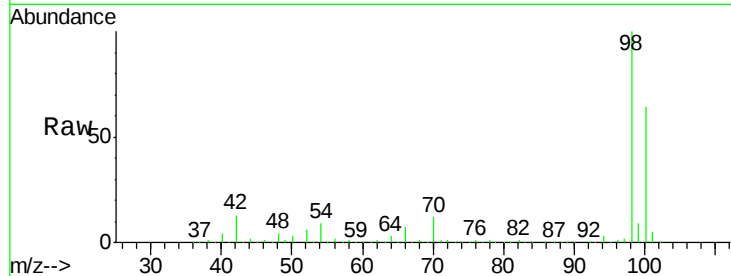
ST008MW153-190409

Tot Ion: 98 Resp: 418492

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

300000

250000

200000

150000

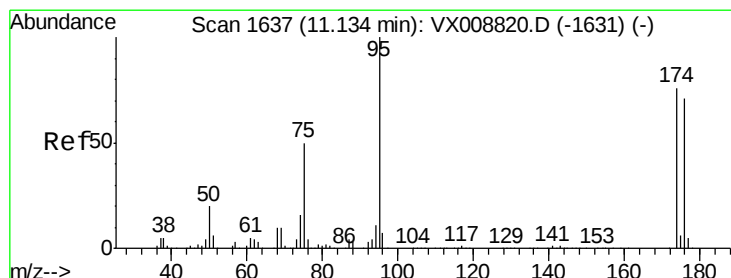
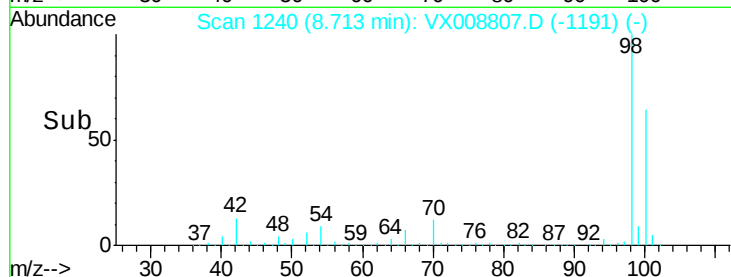
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 45.031 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008807.D

Acq: 10 Apr 2019 15:56

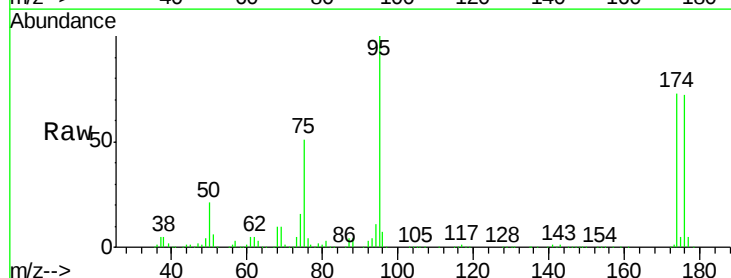
Tgt Ion: 95 Resp: 137288

Ion Ratio Lower Upper

95 100

174 78.1 0.0 151.8

176 76.3 0.0 145.8



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

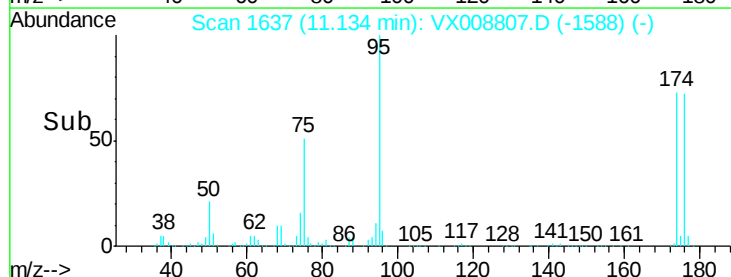
100000

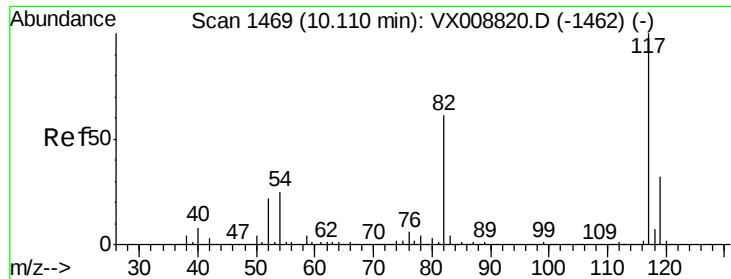
50000

0

11.10 11.20

Time-->

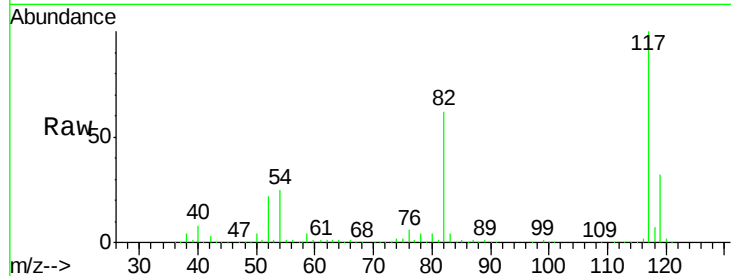




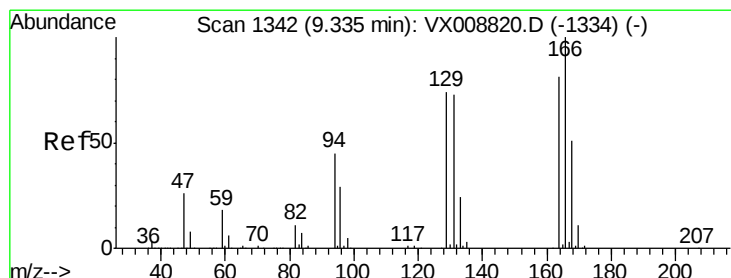
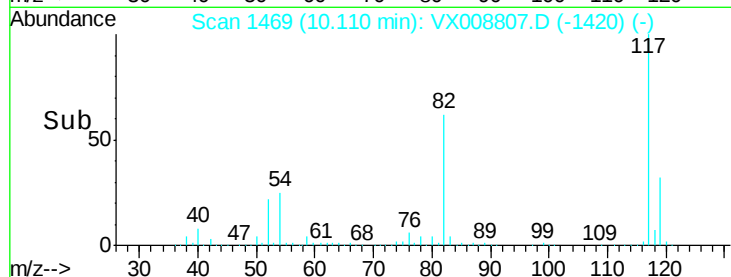
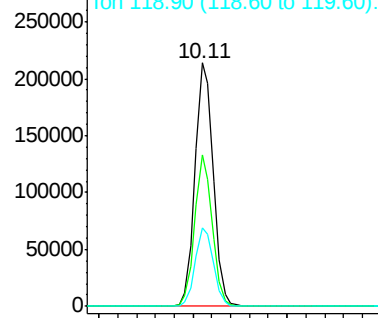
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008807.D
Acq: 10 Apr 2019 15:56

Instrument :
MSVOA_X
ClientSampleId :
ST008MW153-190409

Tot Ion:117 Resp: 286811
Ion Ratio Lower Upper
117 100
82 62.0 49.6 74.4
119 32.2 25.0 37.4

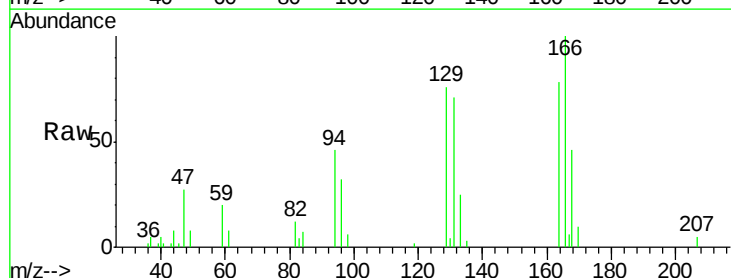


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

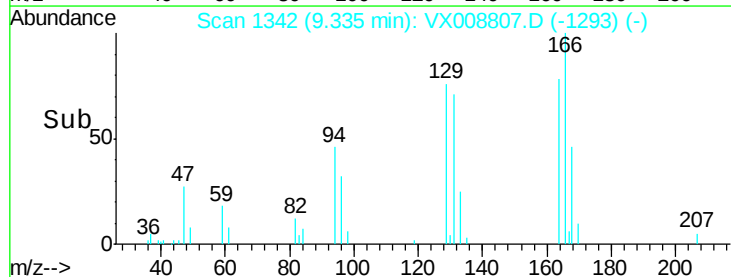
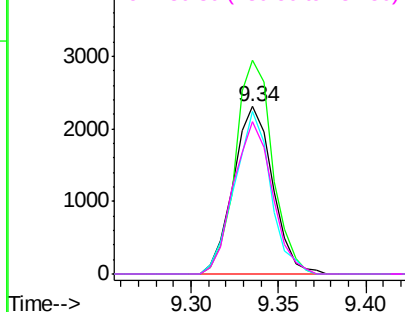


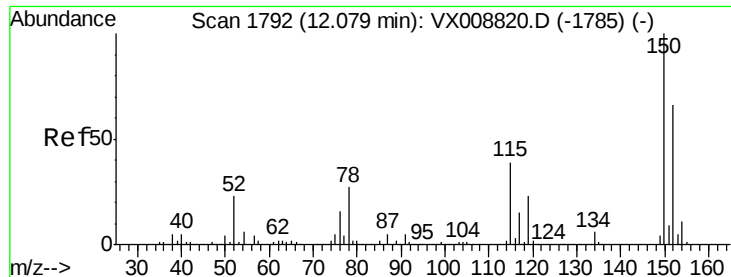
#64
Tetrachloroethene
Concen: 1.697 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008807.D
Acq: 10 Apr 2019 15:56

Tgt Ion:164 Resp: 3607
Ion Ratio Lower Upper
164 100
166 127.6 101.0 151.6
129 96.8 75.8 113.8
131 90.9 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: VX008807.D

Acq: 10 Apr 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

ST008MW153-190409

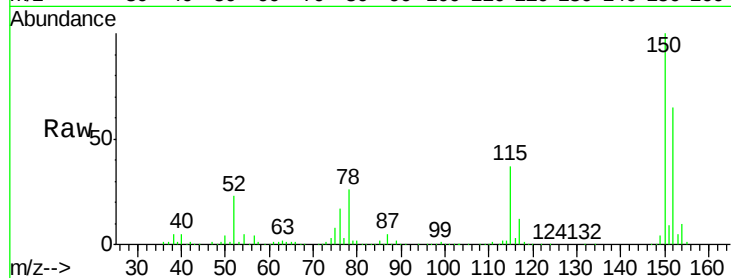
Tot Ion:152 Resp: 119413

Ion Ratio Lower Upper

152 100

115 58.9 43.5 130.5

150 155.8 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

