

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008773.D
 Acq On : 09 Apr 2019 16:12
 Operator : JC/SP
 Sample : K2295-09RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403RE

Quant Time: Apr 10 07:21:34 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

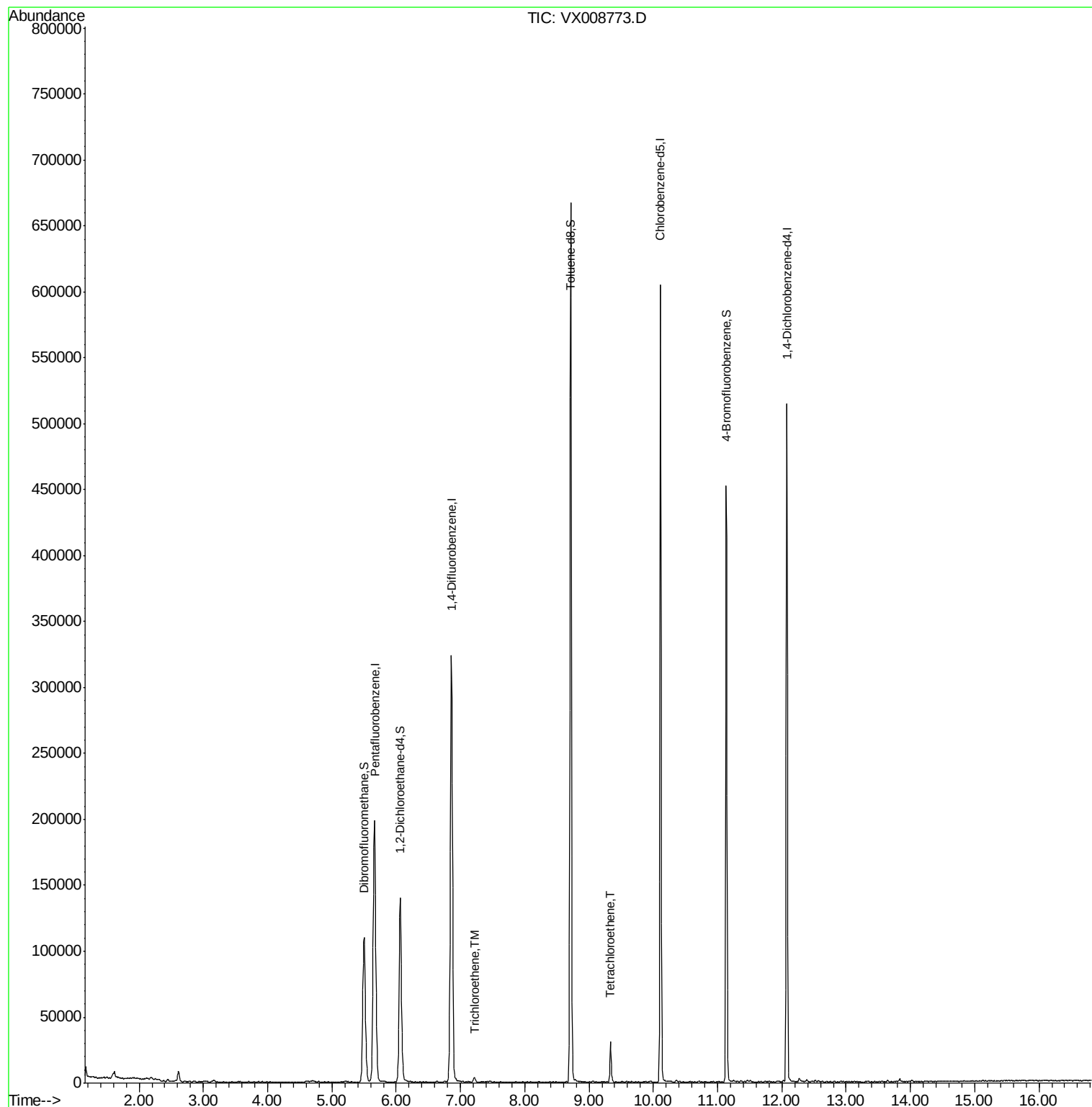
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130522	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
35) Dibromofluoromethane	5.50	113	96310	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	8.71	98	388181	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	11.13	95	119958	42.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.04%	
Target Compounds						
44) Trichloroethene	7.22	130	1113	0.464	ug/l	66
64) Tetrachloroethene	9.34	164	5648	2.921	ug/l	93

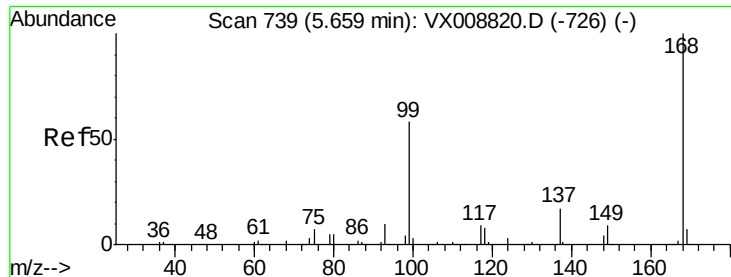
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008773.D

Acq: 09 Apr 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

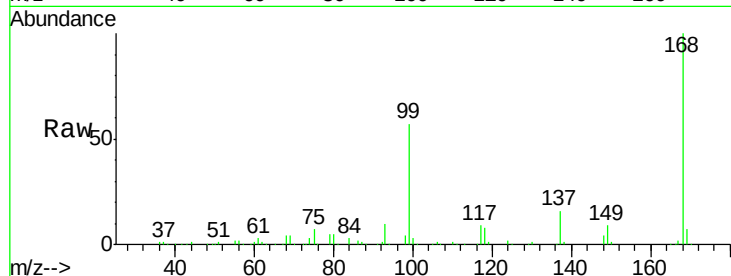
ST008MW214-190403RE

Tot Ion:168 Resp: 192263

Ion Ratio Lower Upper

168 100

99 56.8 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

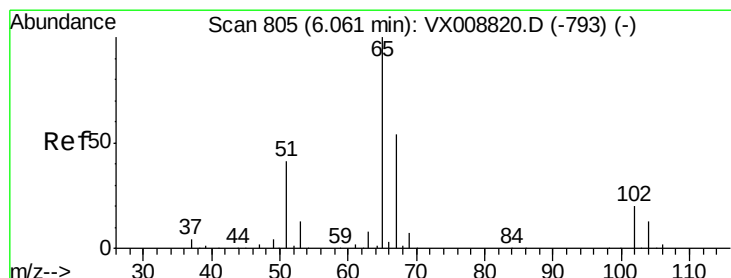
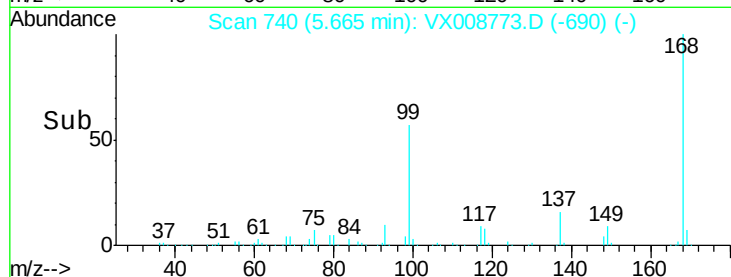
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.544 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008773.D

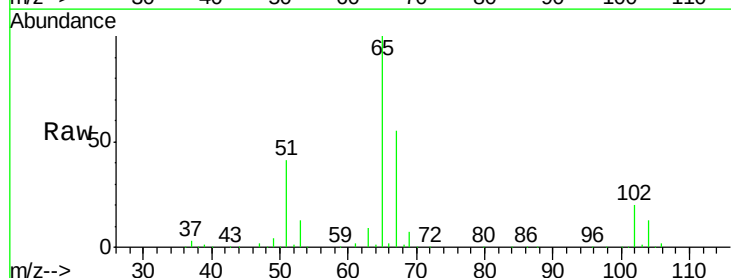
Acq: 09 Apr 2019 16:12

Tgt Ion: 65 Resp: 130522

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

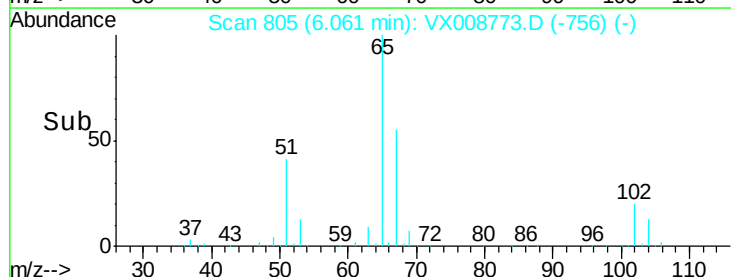
30000

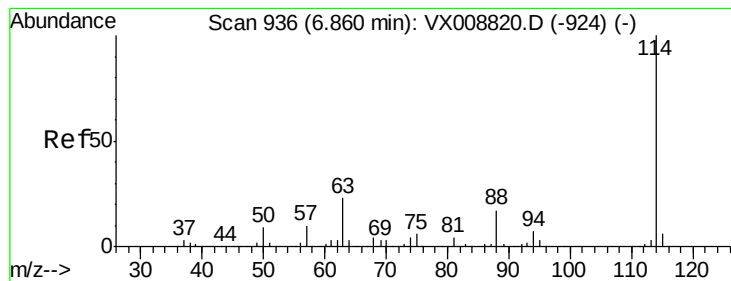
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008773.D

Acq: 09 Apr 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403RE

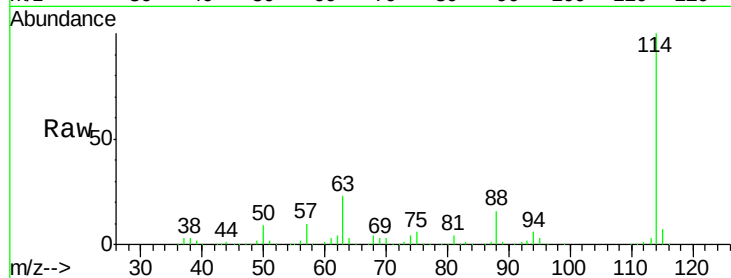
Tot Ion:114 Resp: 316205

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.2

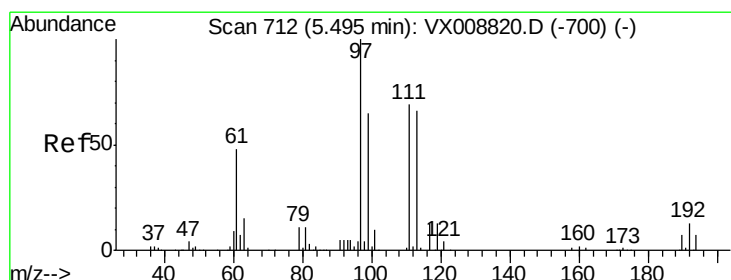
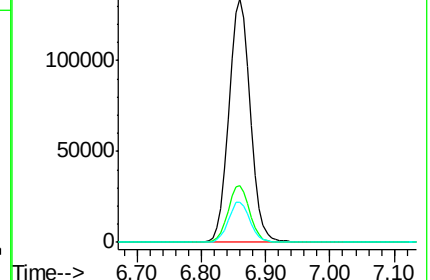
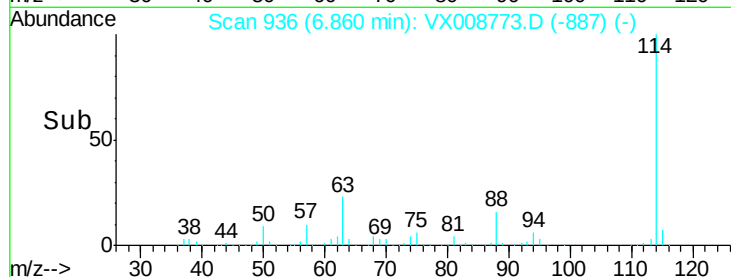
88 16.4 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.638 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008773.D

Acq: 09 Apr 2019 16:12

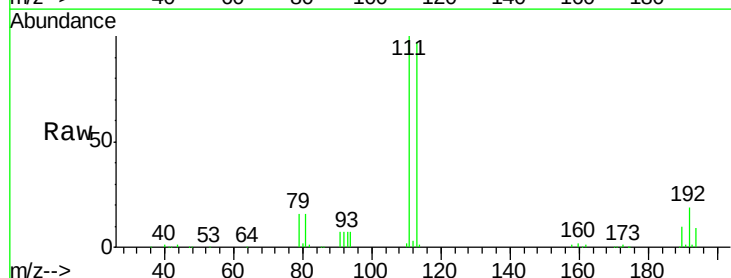
Tgt Ion:113 Resp: 96310

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

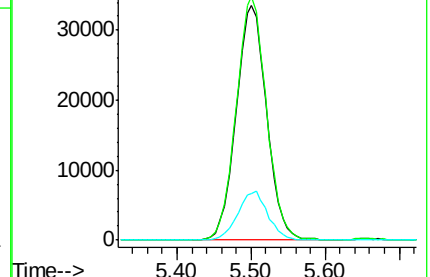
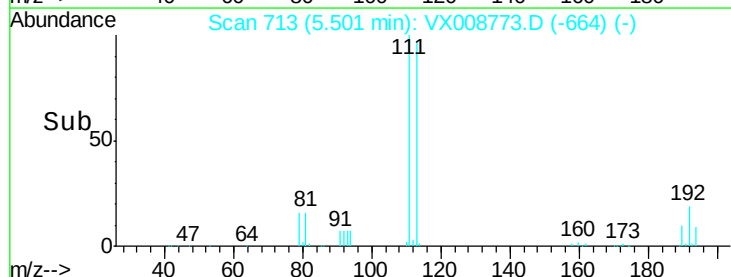
192 20.4 16.1 24.1

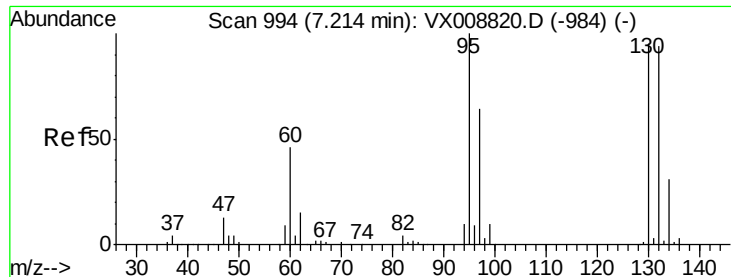


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.464 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008773.D

Acq: 09 Apr 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

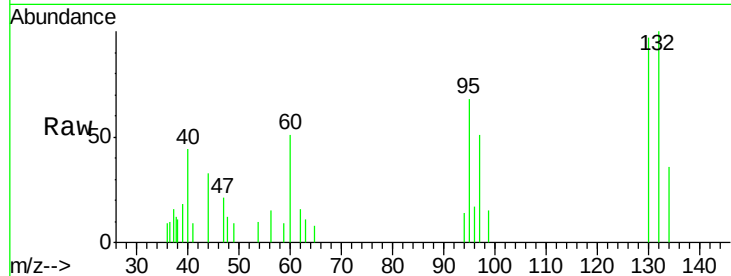
ST008MW214-190403RE

Tot Ion:130 Resp: 1113

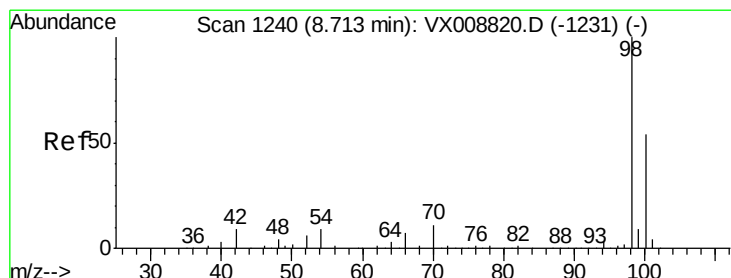
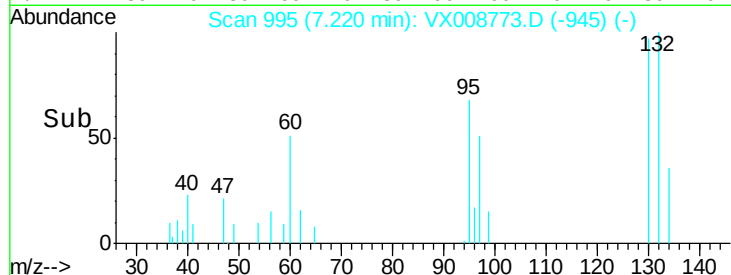
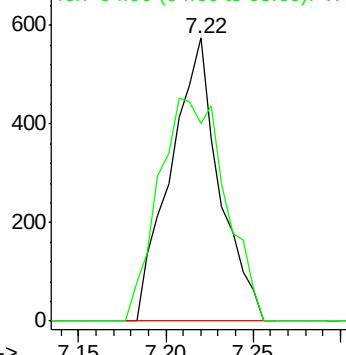
Ion Ratio Lower Upper

130 100

95 69.9 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 48.222 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008773.D

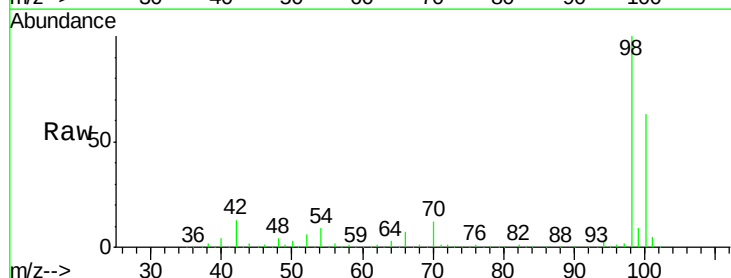
Acq: 09 Apr 2019 16:12

Tgt Ion: 98 Resp: 388181

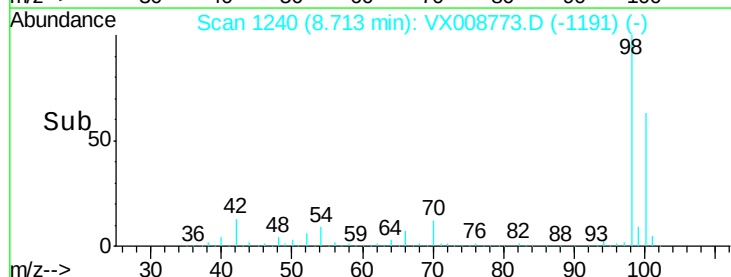
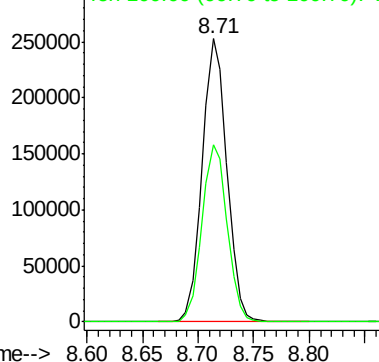
Ion Ratio Lower Upper

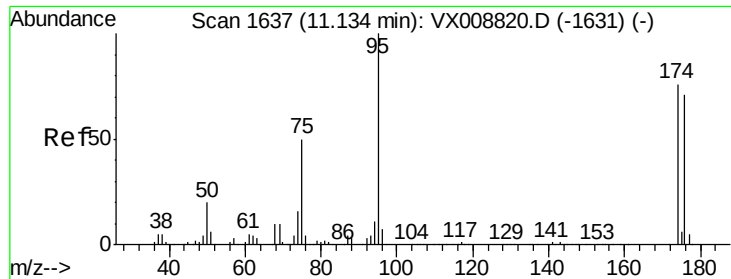
98 100

100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.023 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008773.D

Acq: 09 Apr 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403RE

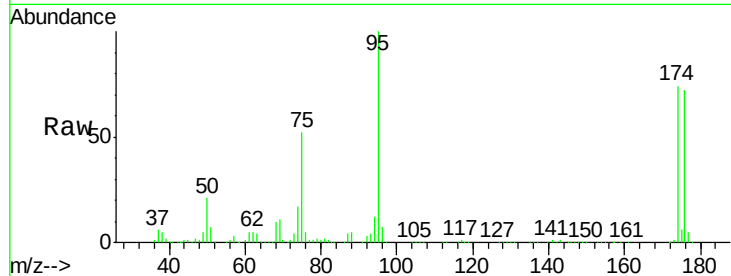
Tot Ion: 95 Resp: 119958

Ion Ratio Lower Upper

95 100

174 78.7 0.0 151.8

176 76.2 0.0 145.8

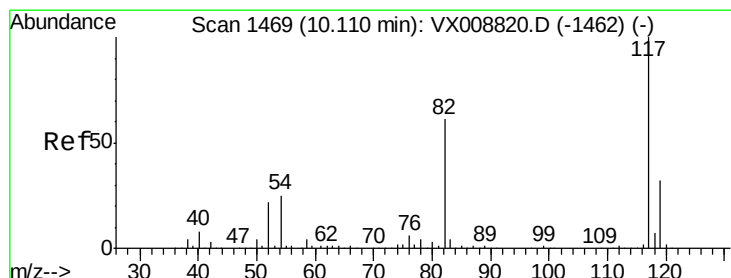
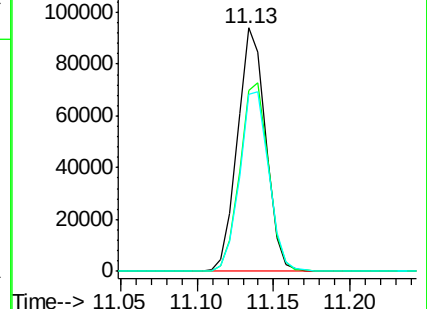
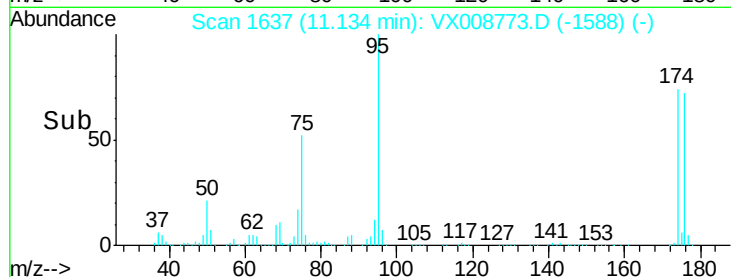


Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

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

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

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008773.D

Acq: 09 Apr 2019 16:12

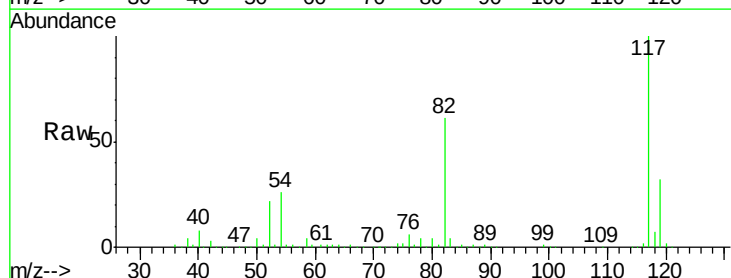
Tgt Ion: 117 Resp: 260999

Ion Ratio Lower Upper

117 100

82 61.5 49.6 74.4

119 31.7 25.0 37.4

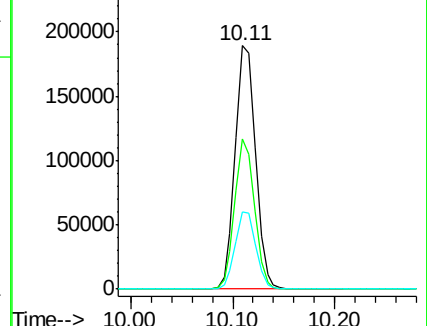
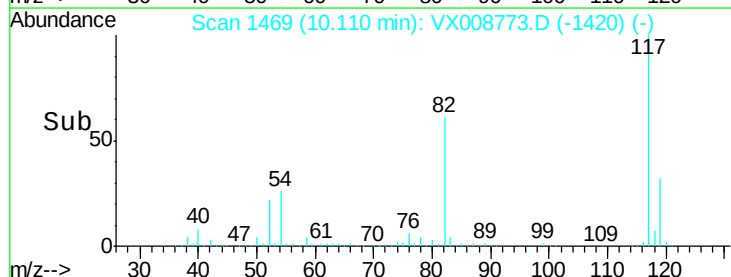


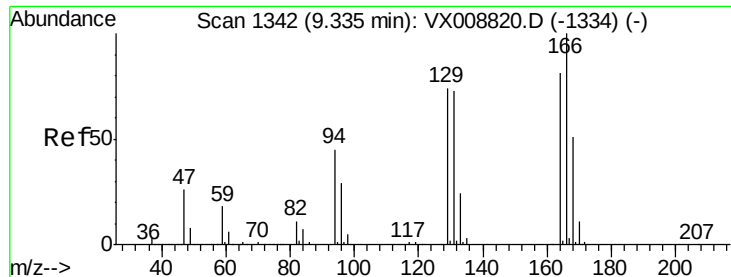
Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

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

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

Time--> 10.00 10.10 10.20





#64

Tetrachloroethene

Concen: 2.921 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008773.D

Acq: 09 Apr 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403RE

Tot Ion:164 Resp: 5648

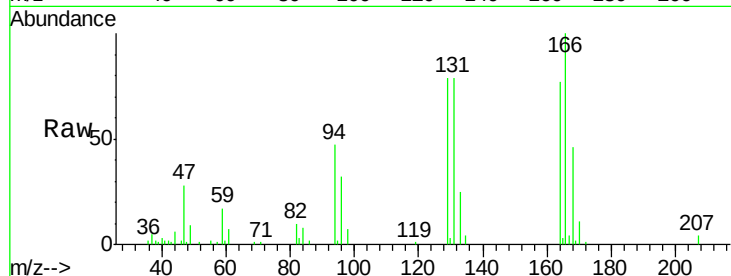
Ion Ratio Lower Upper

164 100

166 129.3 101.0 151.6

129 101.6 75.8 113.8

131 102.2 71.8 107.8

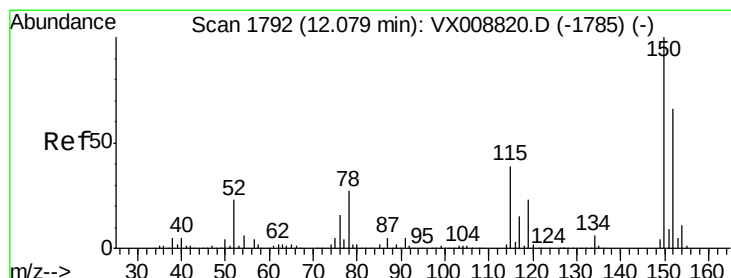
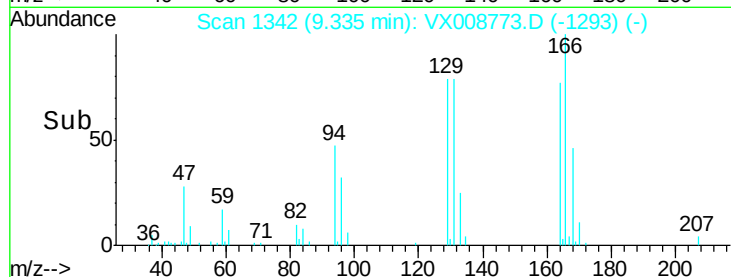
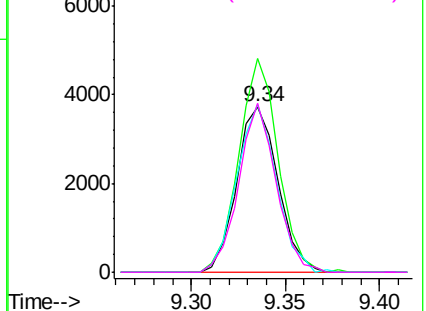


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008773.D

Acq: 09 Apr 2019 16:12

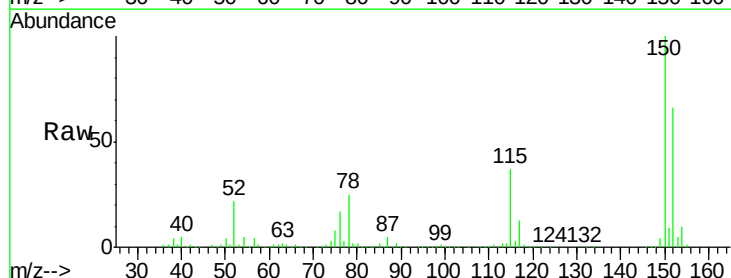
Tgt Ion:152 Resp: 103303

Ion Ratio Lower Upper

152 100

115 59.4 43.5 130.5

150 155.9 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

