

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010203.D
 Acq On : 11 Jun 2019 02:16
 Operator : JC/SP
 Sample : K3255-21DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190605DL

Quant Time: Jun 11 08:27:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

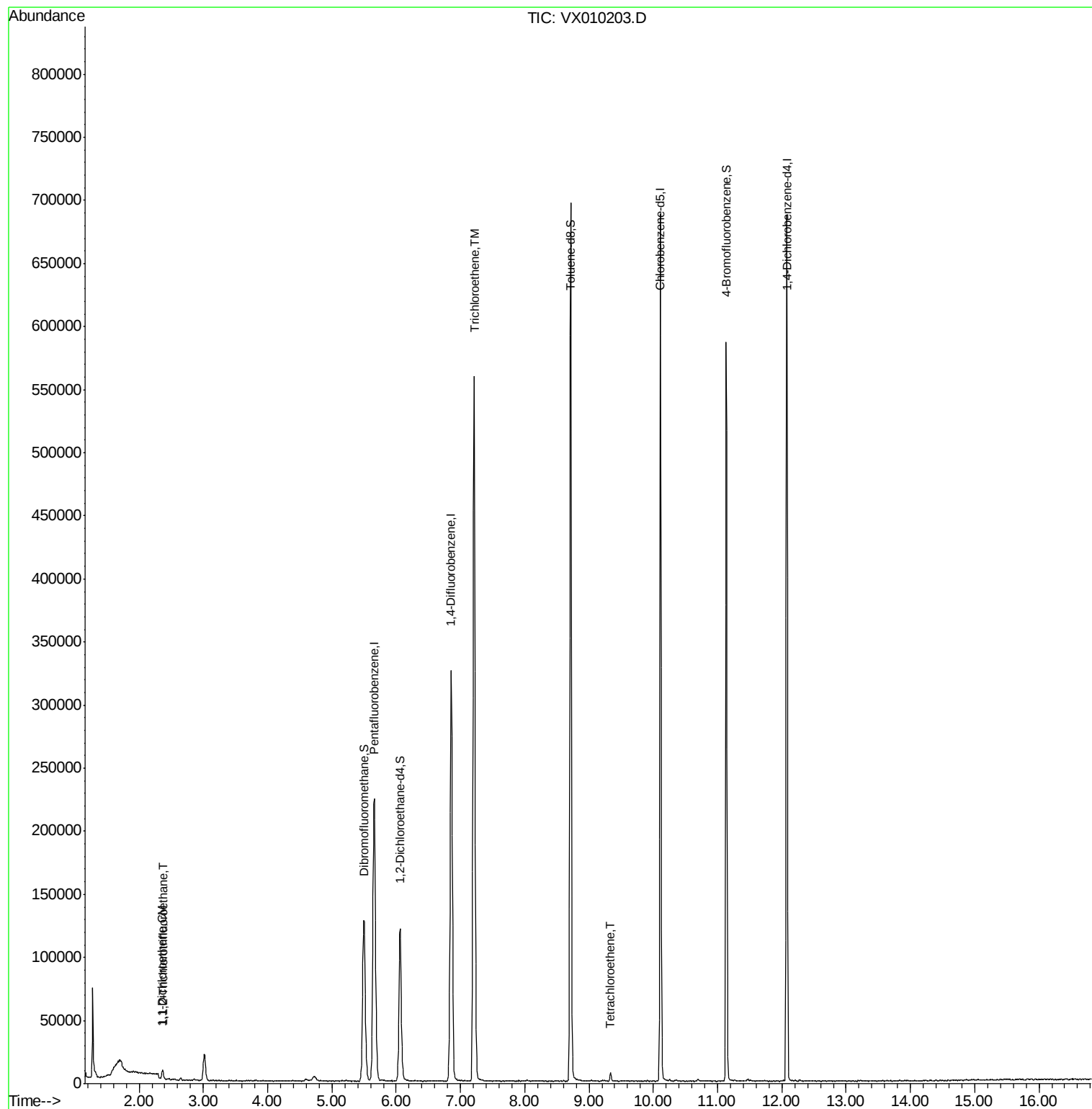
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	242991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	368182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107500	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
35) Dibromofluoromethane	5.49	113	112183	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	8.71	98	432661	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	149343	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1578	0.738	ug/l	89
12) 1,1-Dichloroethene	2.35	96	1113	0.510	ug/l #	63
44) Trichloroethene	7.21	130	237761	84.921	ug/l	83
64) Tetrachloroethene	9.34	164	1315	0.531	ug/l	90

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

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QLast Update : Sat Jun 08 02:12:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010203.D

Acq: 11 Jun 2019 02:16

Instrument :

MSVOA_X

ClientSampleId :

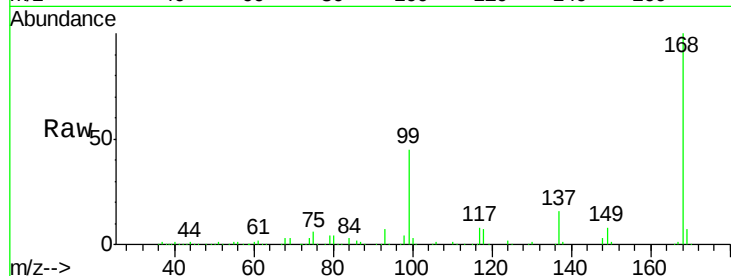
RE103D1-20190605DL

Tot Ion:168 Resp: 242991

Ion Ratio Lower Upper

168 100

99 45.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

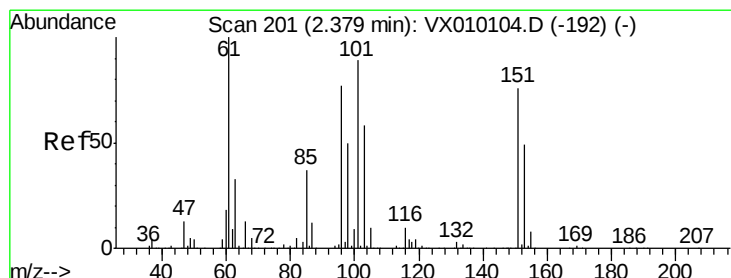
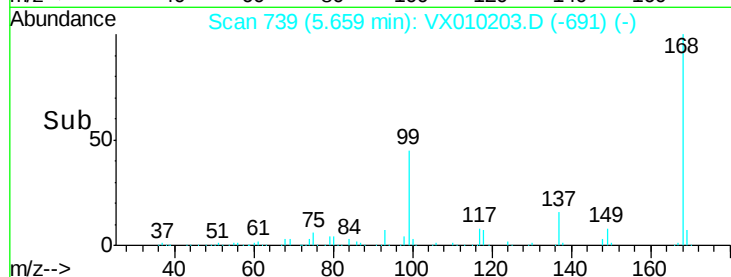
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.738 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX010203.D

Acq: 11 Jun 2019 02:16

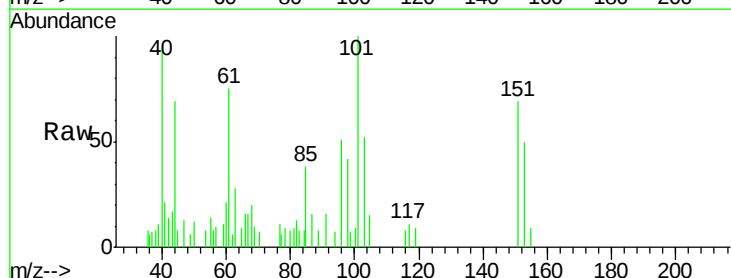
Tgt Ion:101 Resp: 1578

Ion Ratio Lower Upper

101 100

85 48.4 35.2 52.8

151 88.8 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

1200

1000

800

600

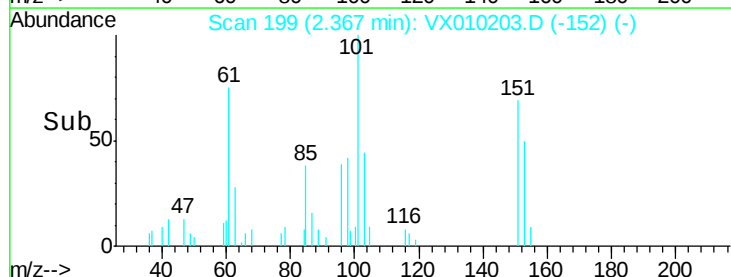
400

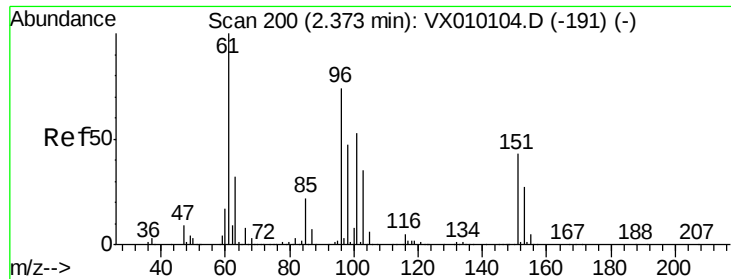
200

0

Time-->

2.30 2.35 2.40





#12

1,1-Dichloroethene

Concen: 0.510 ug/l

RT: 2.35 min Scan# 197

Delta R.T. -0.02 min

Lab File: VX010203.D

Acq: 11 Jun 2019 02:16

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190605DL

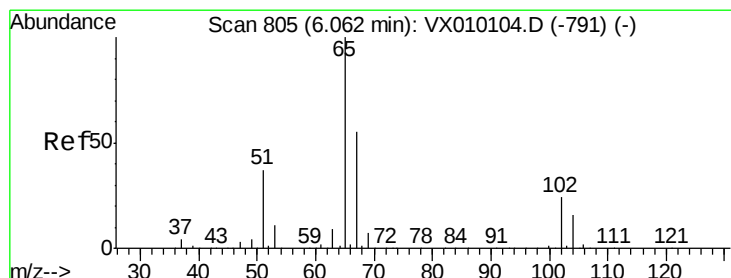
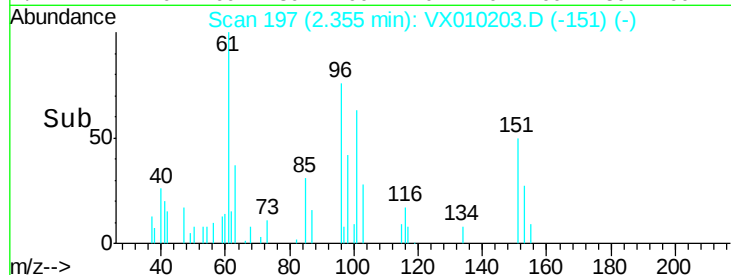
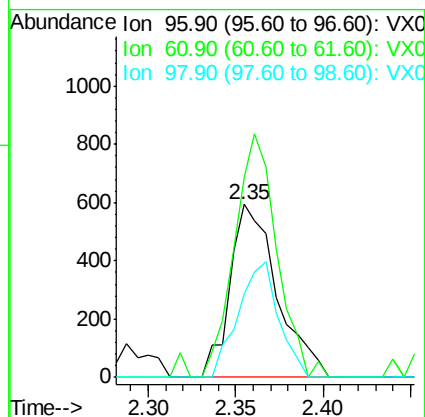
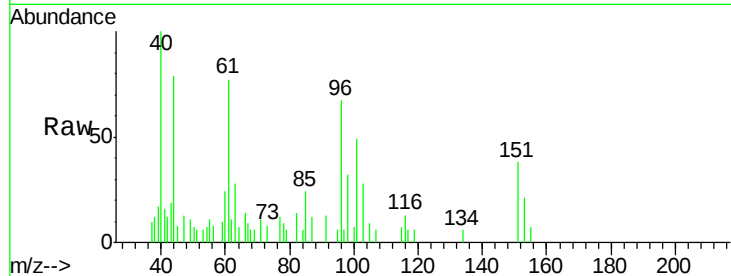
Tot Ion: 96 Resp: 1113

Ion Ratio Lower Upper

96 100

61 115.5 140.7 211.1#

98 48.6 50.1 75.1#



#33

1,2-Dichloroethane-d4

Concen: 45.323 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010203.D

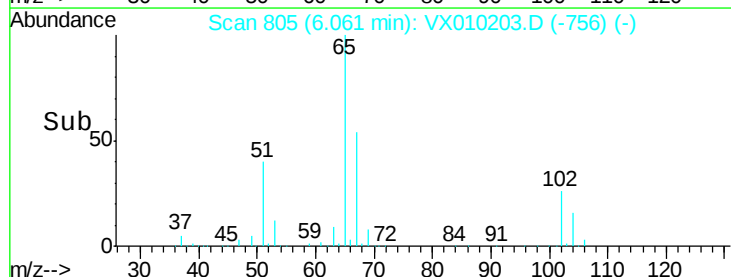
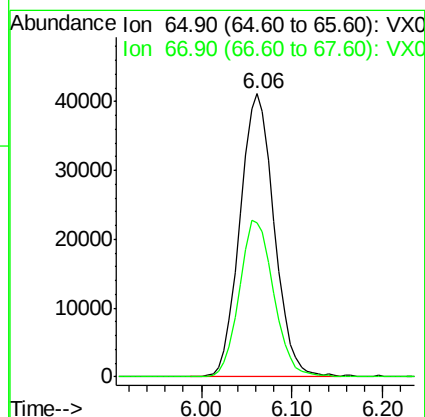
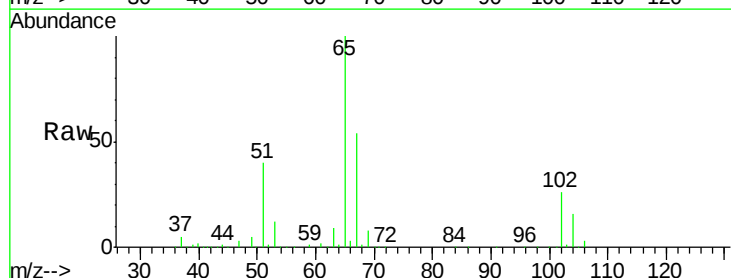
Acq: 11 Jun 2019 02:16

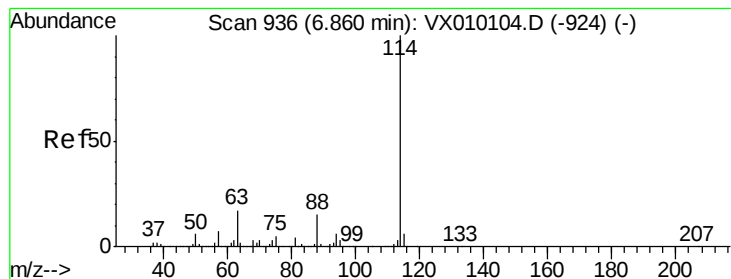
Tgt Ion: 65 Resp: 107500

Ion Ratio Lower Upper

65 100

67 55.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010203.D

Acq: 11 Jun 2019 02:16

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190605DL

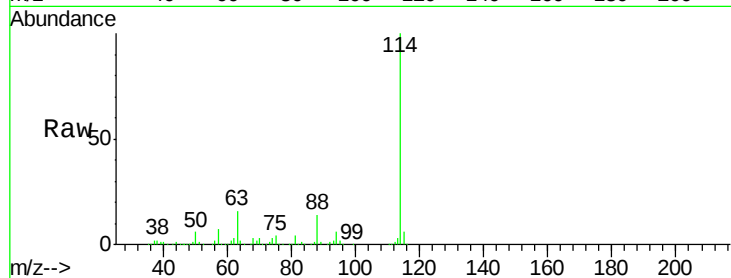
Tot Ion:114 Resp: 368182

Ion Ratio Lower Upper

114 100

63 16.4 0.0 47.4

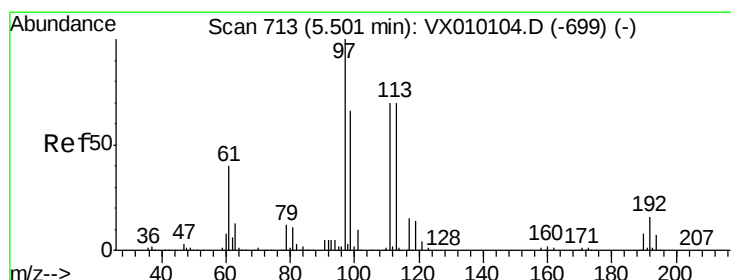
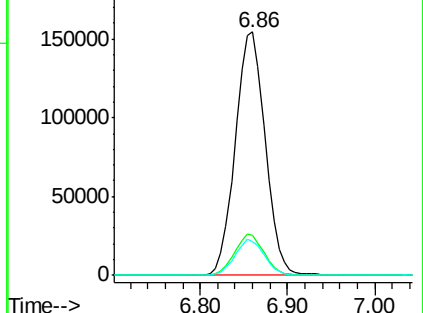
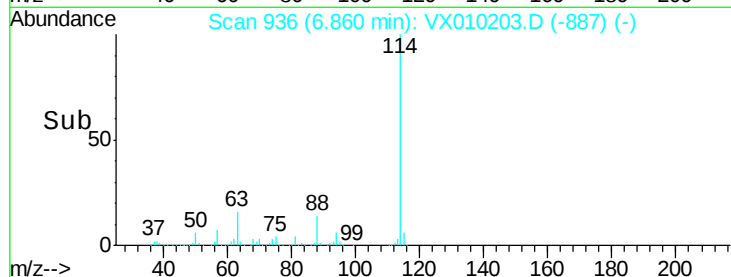
88 14.0 0.0 33.0



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: 49.397 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010203.D

Acq: 11 Jun 2019 02:16

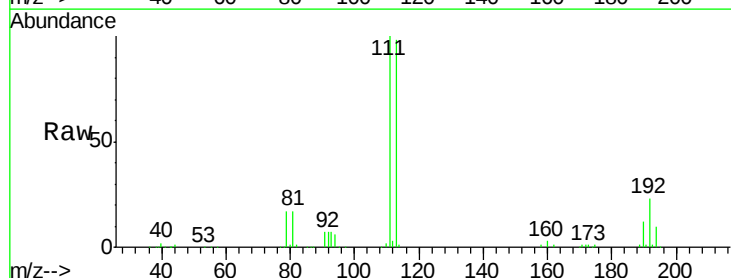
Tgt Ion:113 Resp: 112183

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

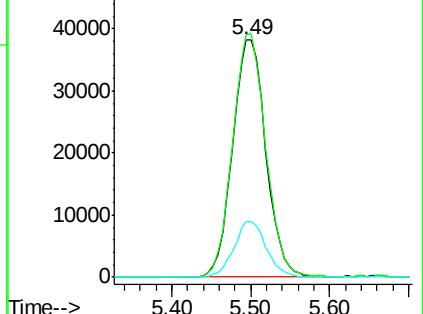
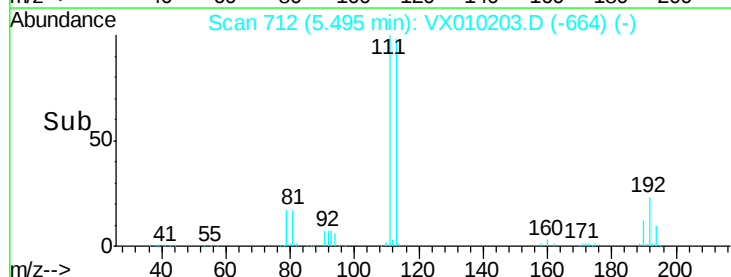
192 22.9 17.1 25.7

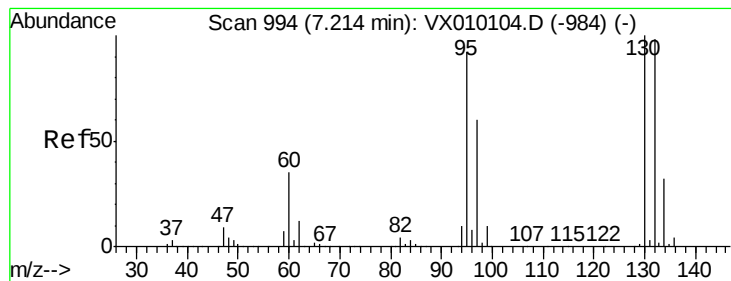


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 84.921 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010203.D

Acq: 11 Jun 2019 02:16

Instrument :

MSVOA_X

ClientSampleId :

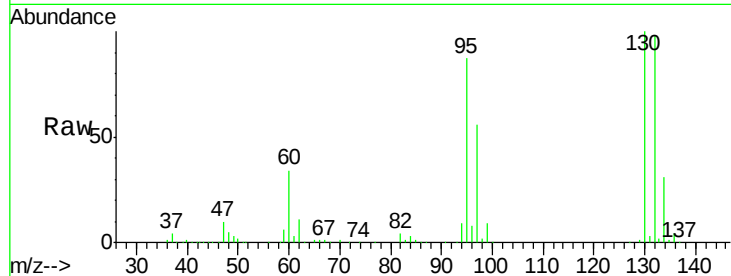
RE103D1-20190605DL

Tot Ion:130 Resp: 237761

Ion Ratio Lower Upper

130 100

95 86.5 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

120000

100000

80000

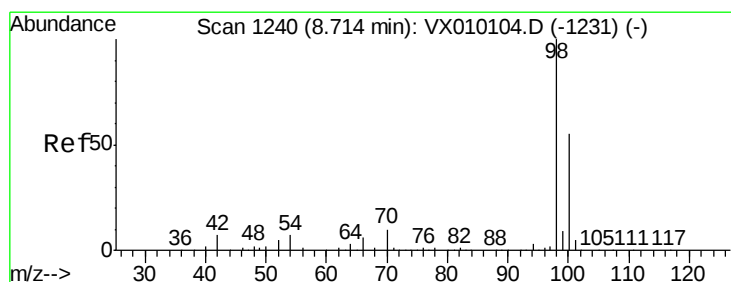
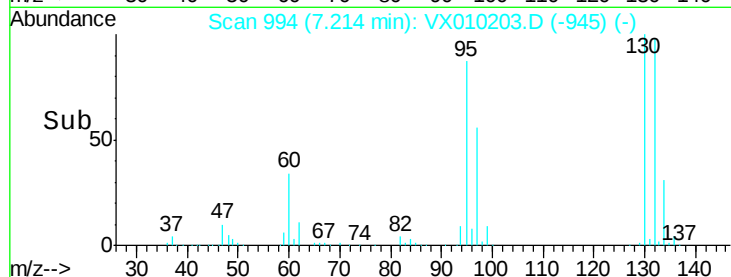
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 50.833 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010203.D

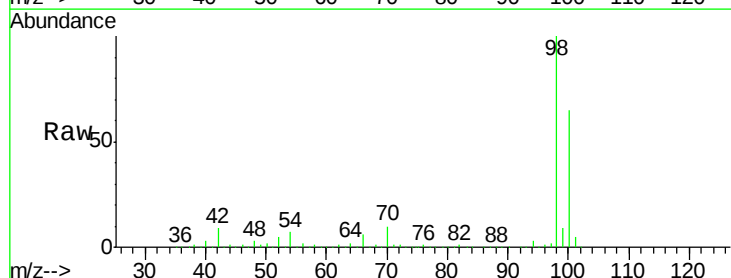
Acq: 11 Jun 2019 02:16

Tgt Ion: 98 Resp: 432661

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

300000

250000

200000

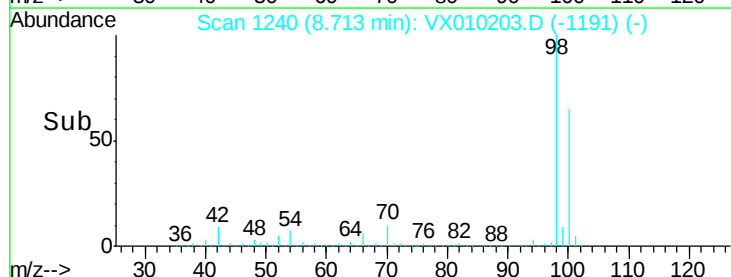
150000

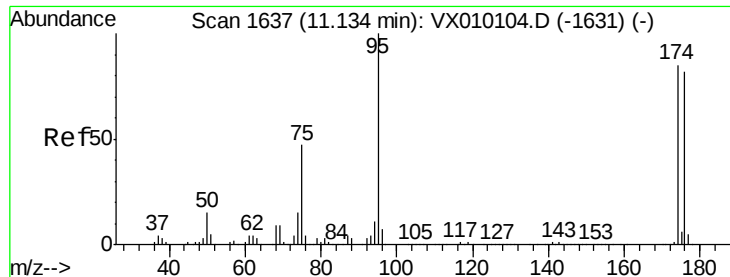
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 46.983 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010203.D

Acq: 11 Jun 2019 02:16

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190605DL

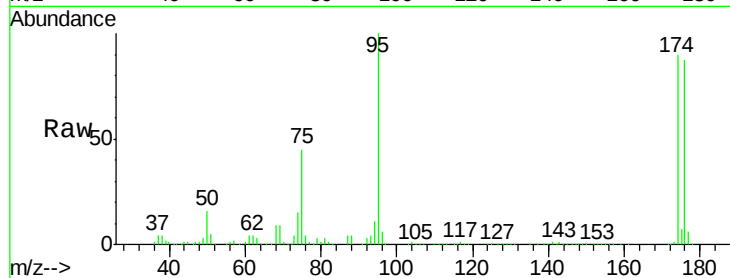
Tot Ion: 95 Resp: 149343

Ion Ratio Lower Upper

95 100

174 95.2 0.0 160.4

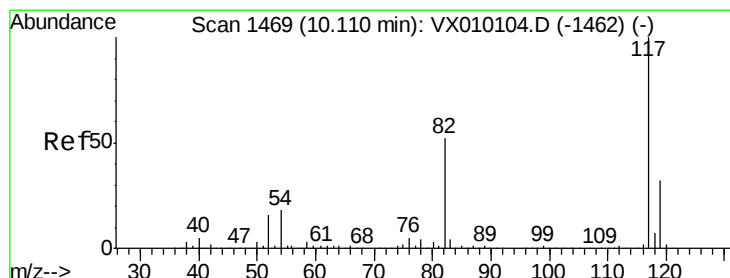
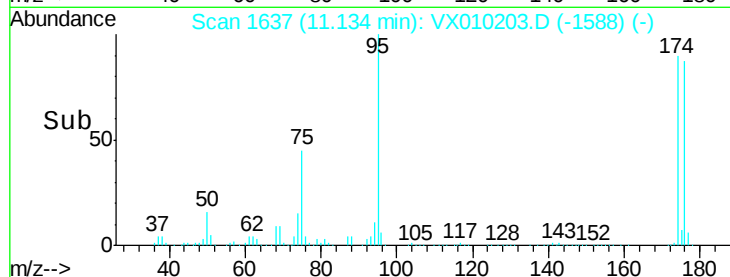
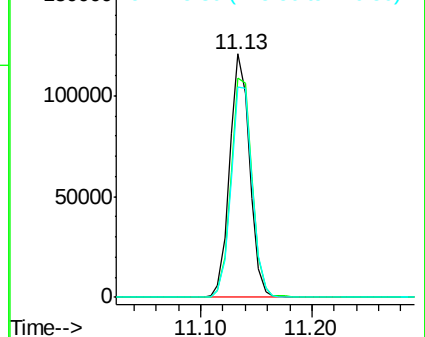
176 91.8 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010203.D

Acq: 11 Jun 2019 02:16

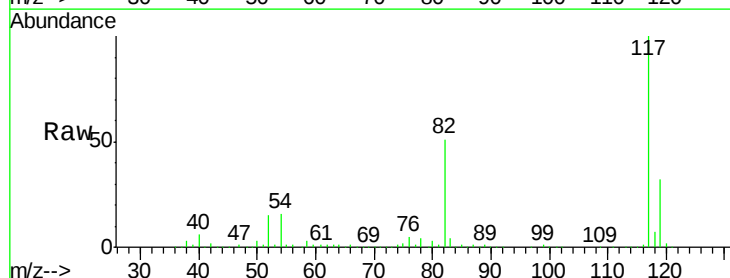
Tgt Ion: 117 Resp: 333485

Ion Ratio Lower Upper

117 100

82 50.7 49.2 73.8

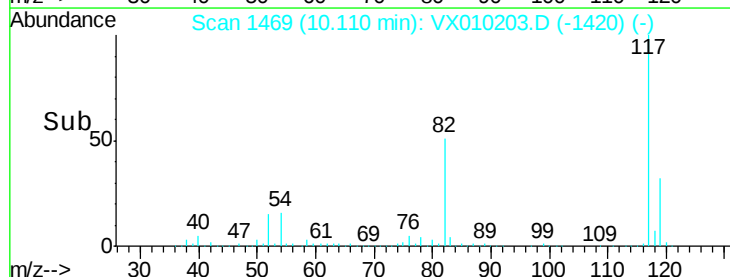
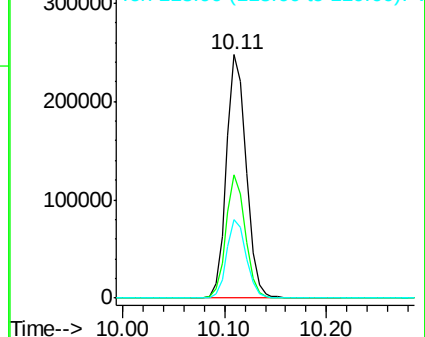
119 32.3 25.2 37.8

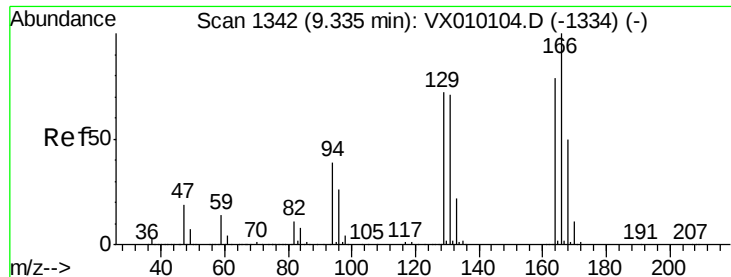


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#64

Tetrachloroethene

Concen: 0.531 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010203.D

Acq: 11 Jun 2019 02:16

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190605DL

Tot Ion:164 Resp: 1315

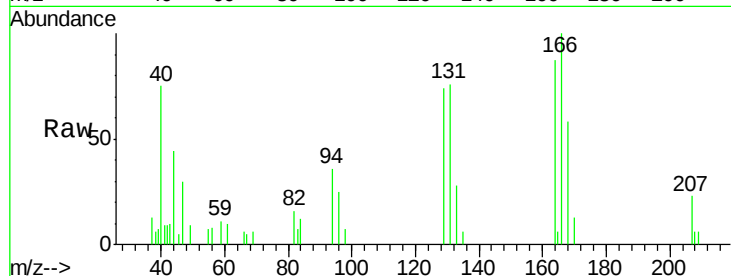
Ion Ratio Lower Upper

164 100

166 114.7 105.0 157.4

129 84.5 75.1 112.7

131 87.7 72.2 108.4

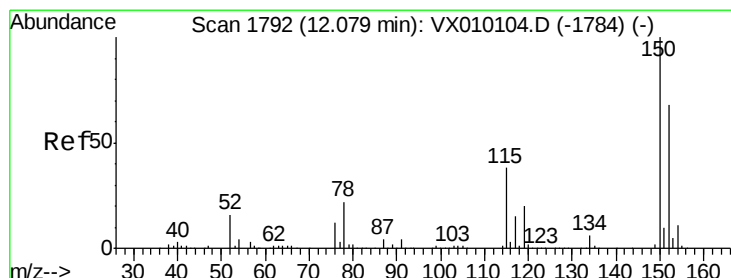
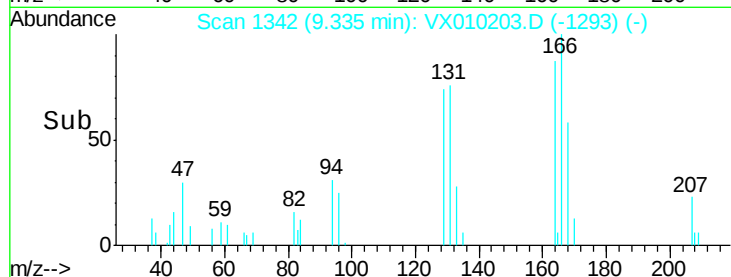
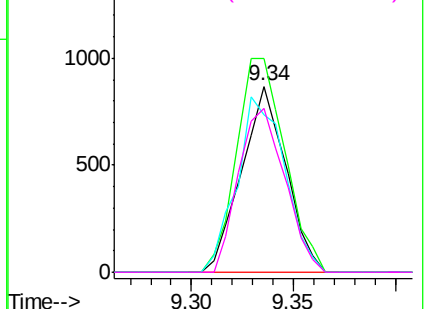


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX010203.D

Acq: 11 Jun 2019 02:16

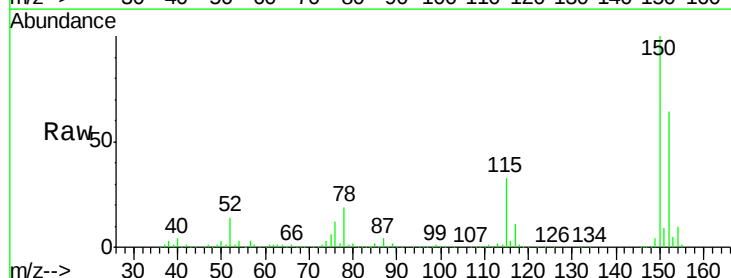
Tgt Ion:152 Resp: 156565

Ion Ratio Lower Upper

152 100

115 54.2 41.4 124.2

150 158.3 0.0 345.2



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

