

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060819\
 Data File : VX010158.D
 Acq On : 08 Jun 2019 22:57
 Operator : JC/SP
 Sample : K3257-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20190605

Quant Time: Jun 10 10:45:17 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

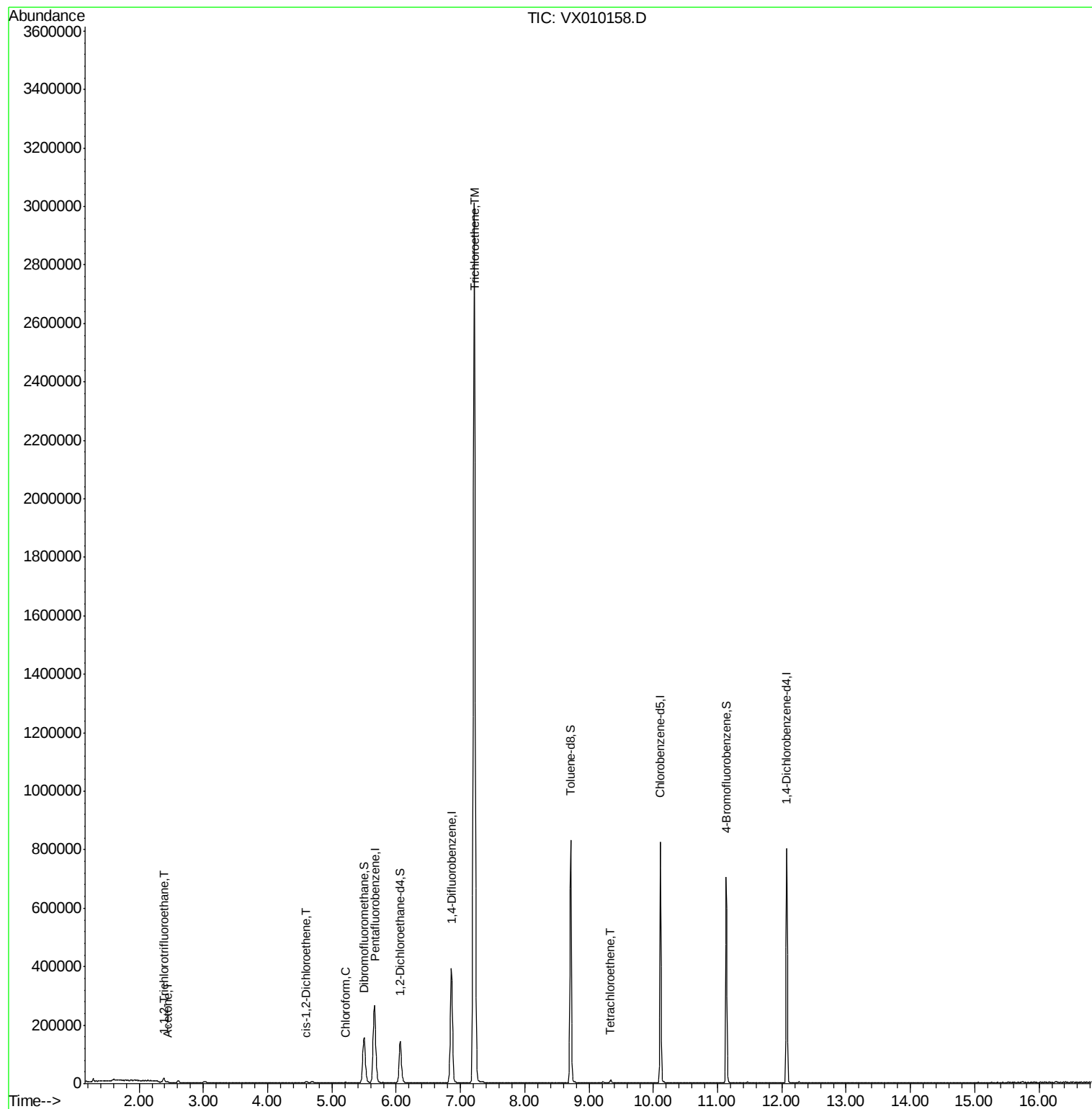
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	396052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128272	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
35) Dibromofluoromethane	5.50	113	134892	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	8.71	98	516748	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.13	95	180808	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5384	2.128	ug/l	90
16) Acetone	2.45	43	1958	1.482	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	2238	0.703	ug/l	73
30) Chloroform	5.21	83	2163	0.460	ug/l	87
44) Trichloroethene	7.21	130	1244345	371.669	ug/l	88
64) Tetrachloroethene	9.34	164	1940	0.660	ug/l #	85

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060819\
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Quant Time: Jun 10 10:45:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 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: VX010158.D

Acq: 08 Jun 2019 22:57

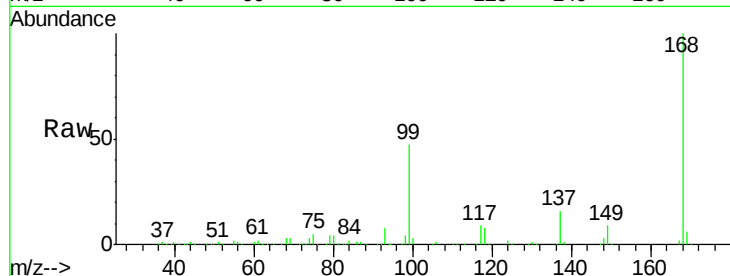
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20190605

Tot Ion:168 Resp: 287759

Ion Ratio Lower Upper

168 100

99 46.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

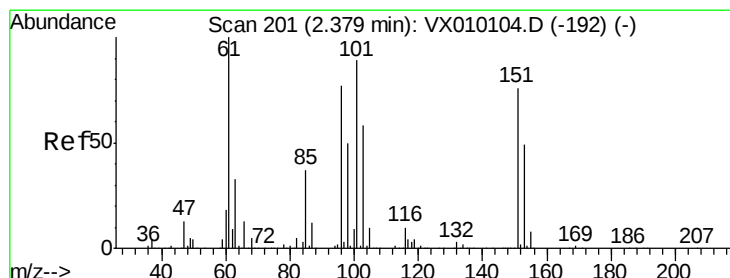
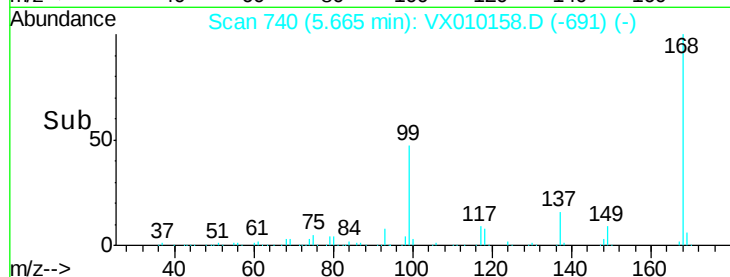
20000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.128 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010158.D

Acq: 08 Jun 2019 22:57

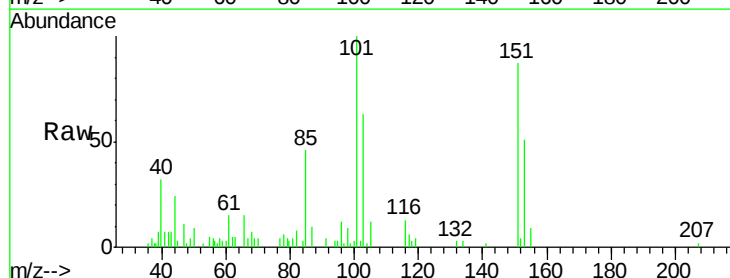
Tgt Ion:101 Resp: 5384

Ion Ratio Lower Upper

101 100

85 46.1 35.2 52.8

151 89.7 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

3000

2000

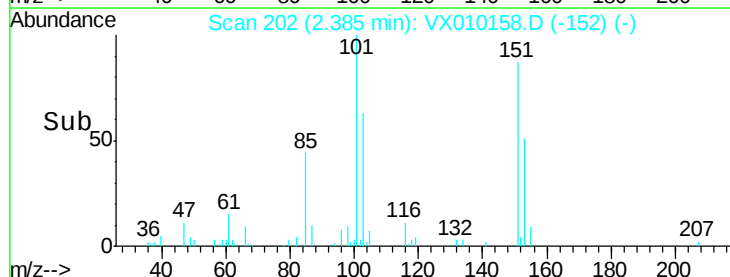
1000

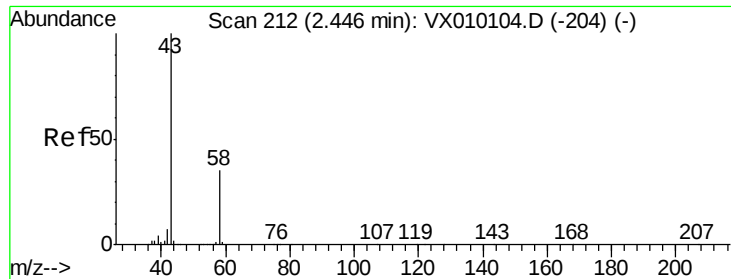
0

2.39

2.30 2.35 2.40 2.45 2.50

Time-->





#16

Acetone

Concen: 1.482 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010158.D

Acq: 08 Jun 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

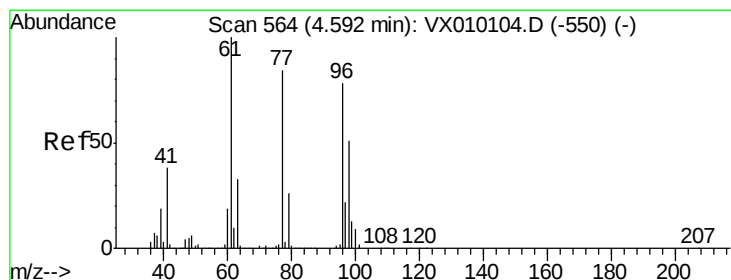
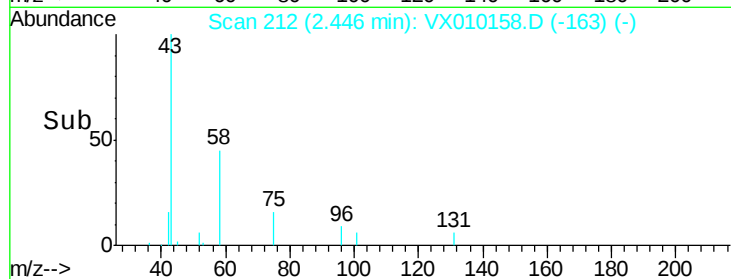
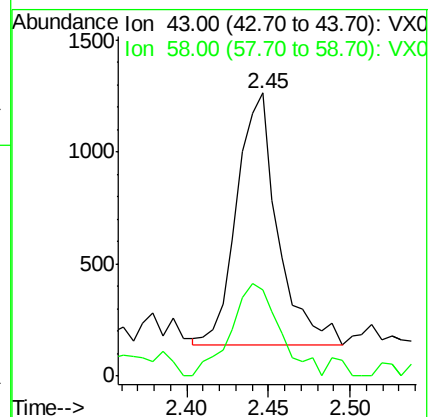
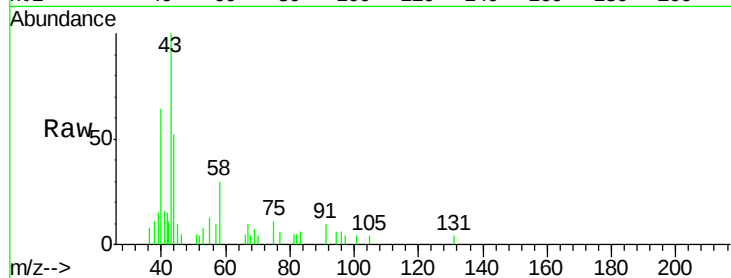
RE103D3-20190605

Tot Ion: 43 Resp: 1958

Ion Ratio Lower Upper

43 100

58 34.3 23.2 34.8



#27

cis-1,2-Dichloroethene

Concen: 0.703 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX010158.D

Acq: 08 Jun 2019 22:57

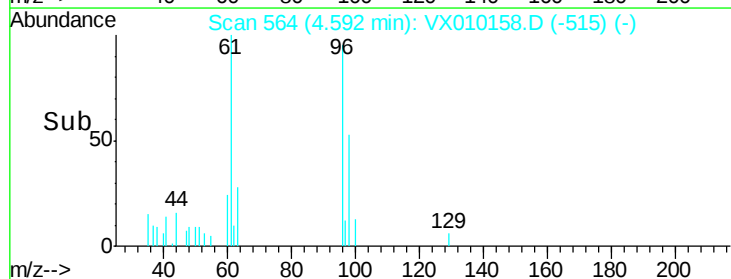
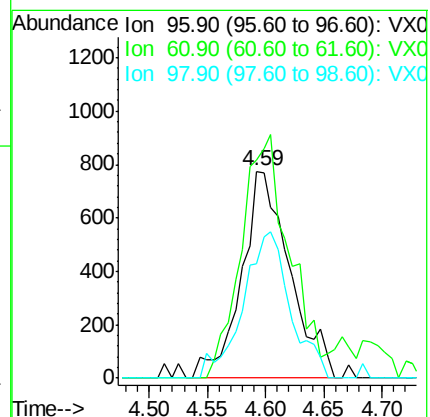
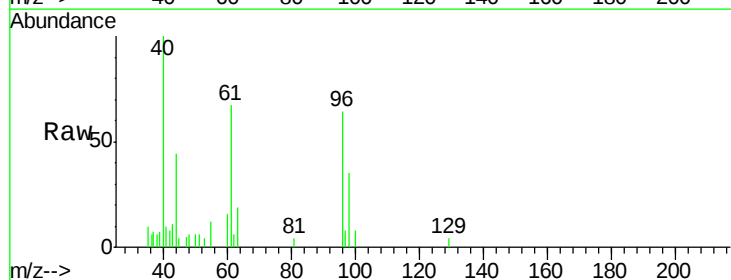
Tgt Ion: 96 Resp: 2238

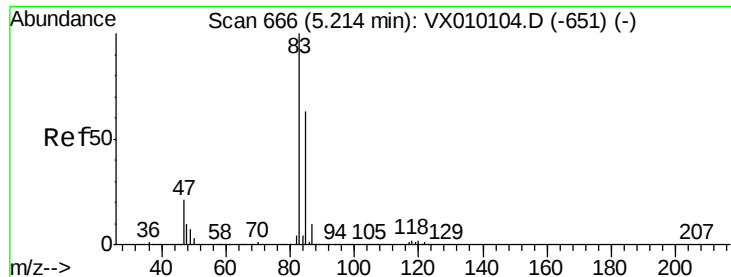
Ion Ratio Lower Upper

96 100

61 117.6 0.0 334.0

98 69.1 0.0 131.6

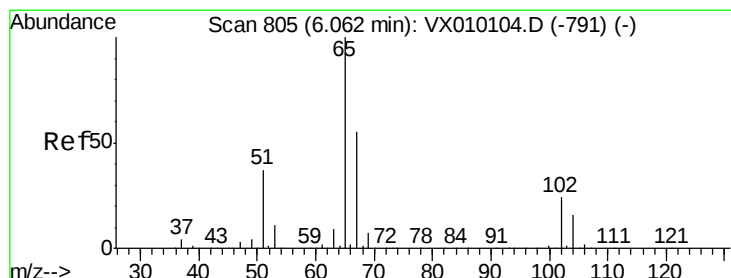
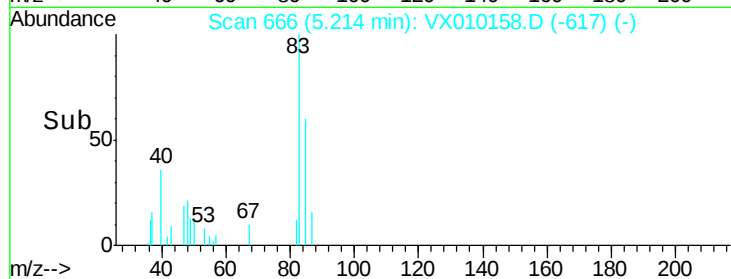
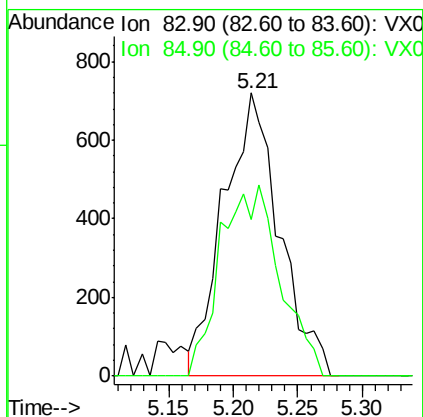
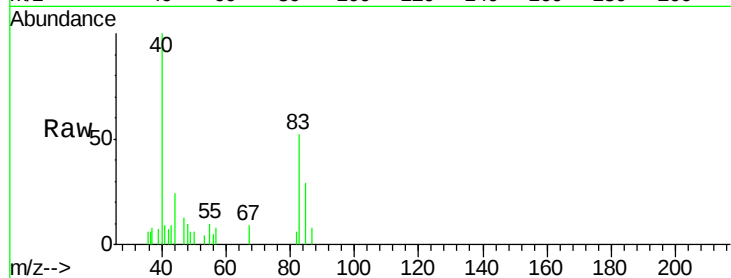




#30
Chloroform
Concen: 0.460 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010158.D
Acq: 08 Jun 2019 22:57

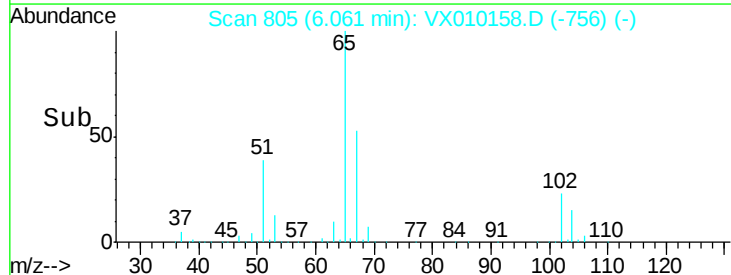
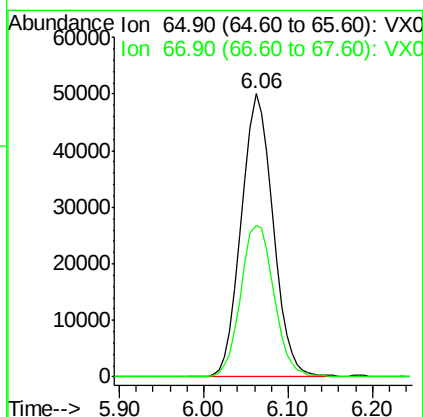
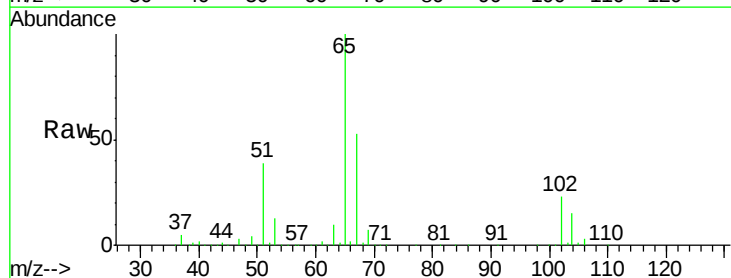
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20190605

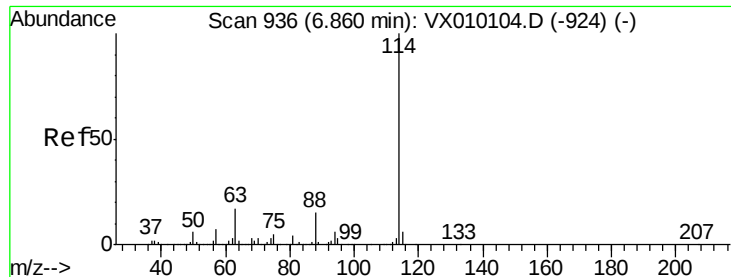
Tot Ion: 83 Resp: 2163
Ion Ratio Lower Upper
83 100
85 55.4 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 45.667 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010158.D
Acq: 08 Jun 2019 22:57

Tgt Ion: 65 Resp: 128272
Ion Ratio Lower Upper
65 100
67 55.9 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: VX010158.D

Acq: 08 Jun 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20190605

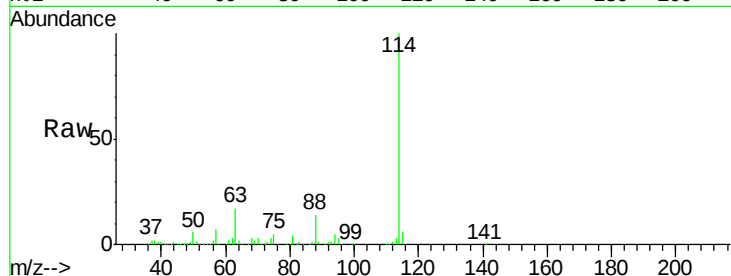
Tot Ion:114 Resp: 440275

Ion Ratio Lower Upper

114 100

63 16.7 0.0 47.4

88 14.3 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

250000

200000

150000

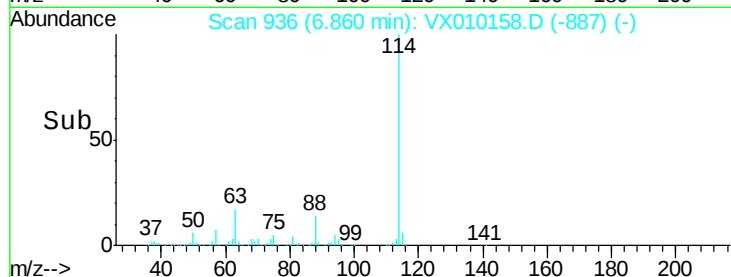
100000

50000

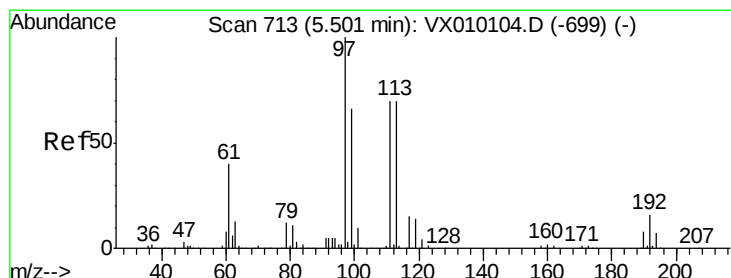
0

6.86

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 49.671 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010158.D

Acq: 08 Jun 2019 22:57

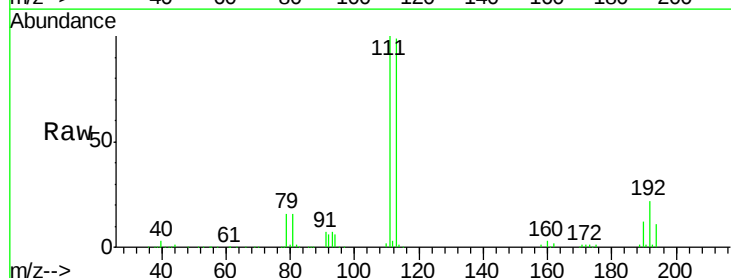
Tgt Ion:113 Resp: 134892

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 23.0 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

60000

50000

40000

30000

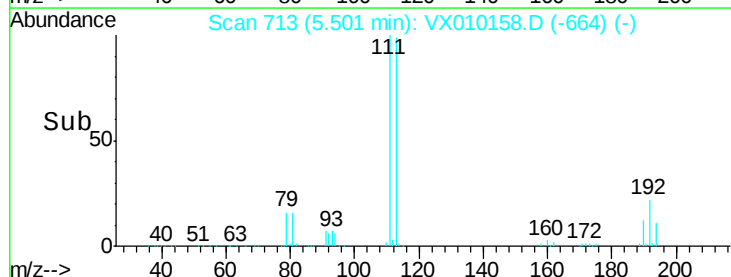
20000

10000

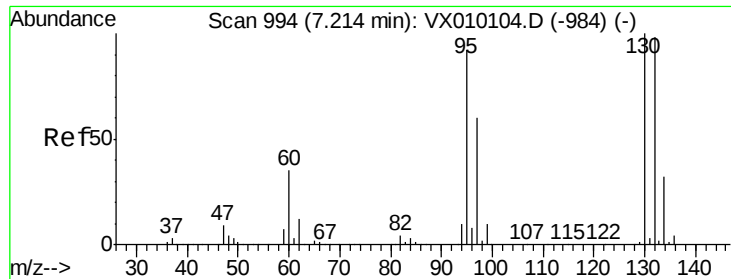
0

5.50

5.40 5.50 5.60



Time-->



#44

Trichloroethene

Concen: 371.669 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010158.D

Acq: 08 Jun 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

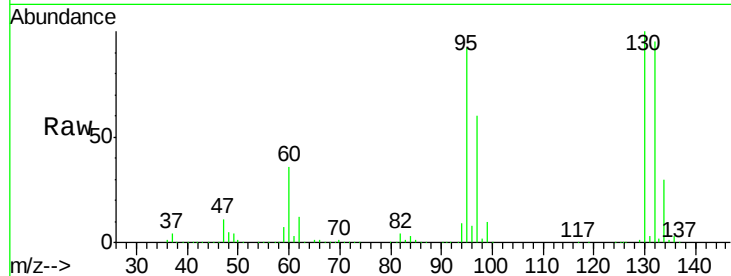
RE103D3-20190605

Tot Ion:130 Resp: 1244345

Ion Ratio Lower Upper

130 100

95 91.6 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

600000

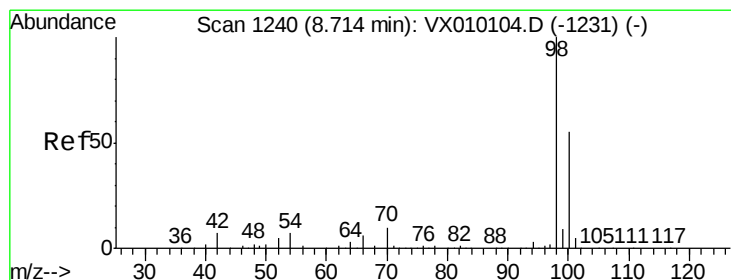
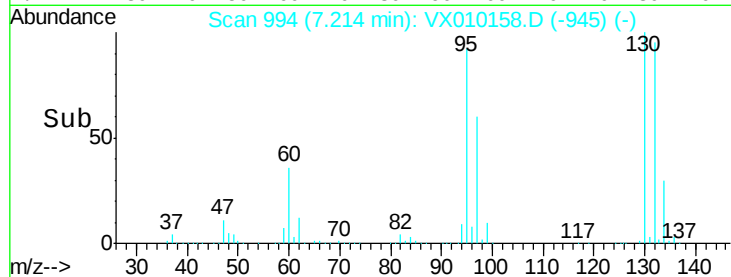
400000

200000

0

7.10 7.20 7.30

Time-->



#50

Toluene-d8

Concen: 50.771 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010158.D

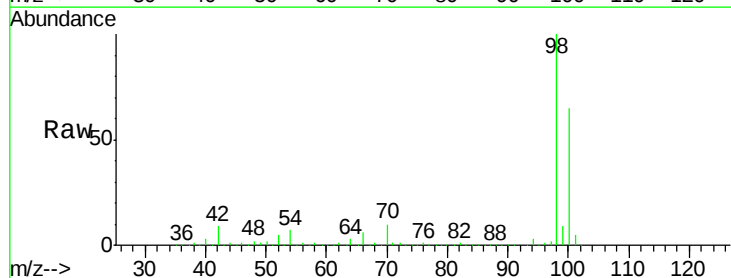
Acq: 08 Jun 2019 22:57

Tgt Ion: 98 Resp: 516748

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

400000

300000

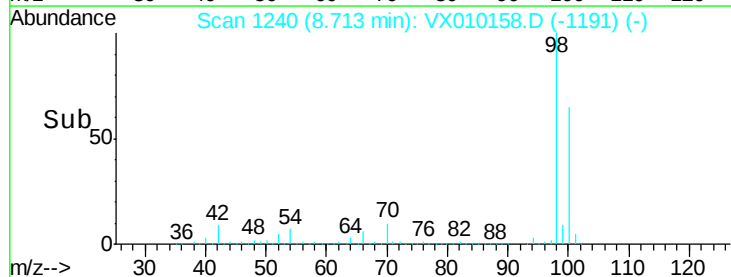
200000

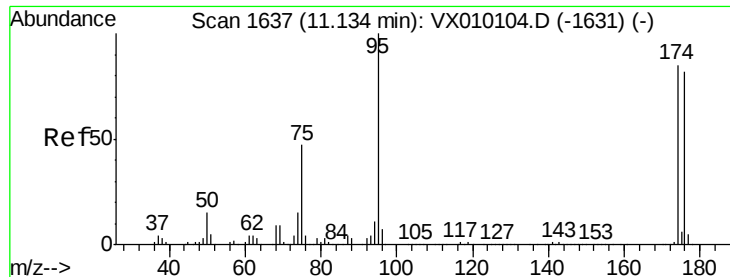
100000

0

8.60 8.65 8.70 8.75 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 47.567 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010158.D

Acq: 08 Jun 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20190605

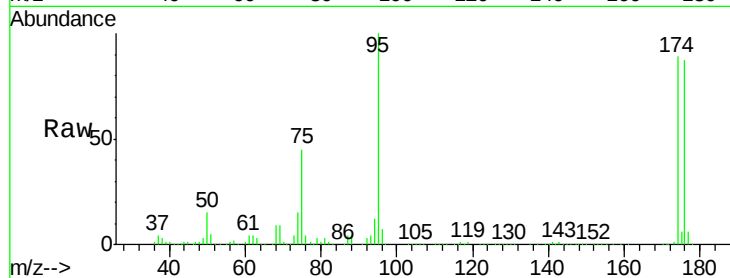
Tot Ion: 95 Resp: 180808

Ion Ratio Lower Upper

95 100

174 92.1 0.0 160.4

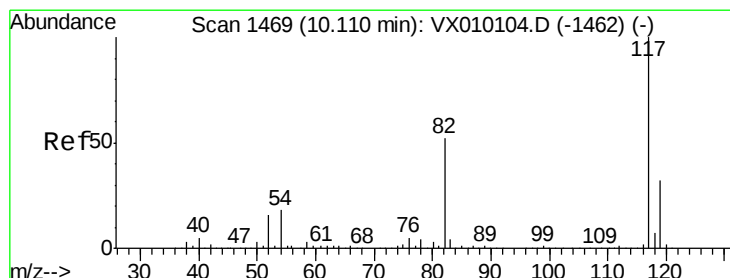
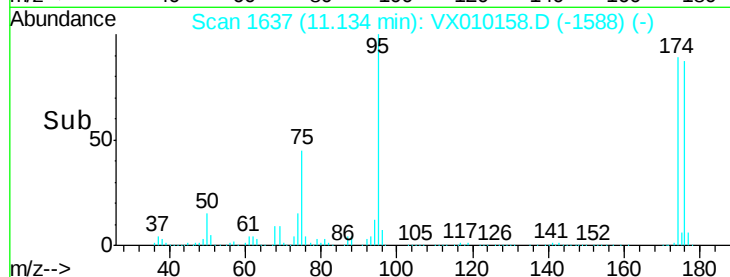
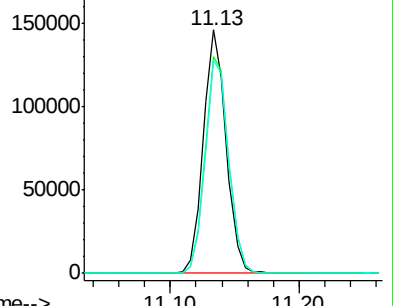
176 90.5 0.0 154.6



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: VX010158.D

Acq: 08 Jun 2019 22:57

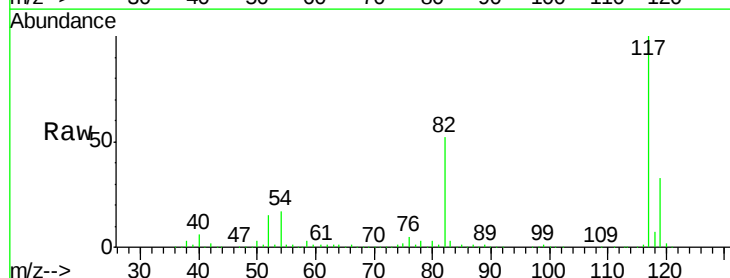
Tgt Ion: 117 Resp: 396052

Ion Ratio Lower Upper

117 100

82 51.9 49.2 73.8

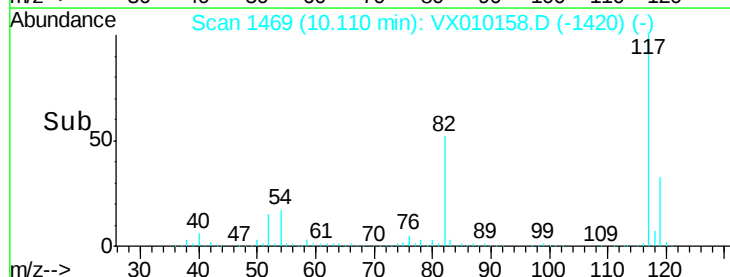
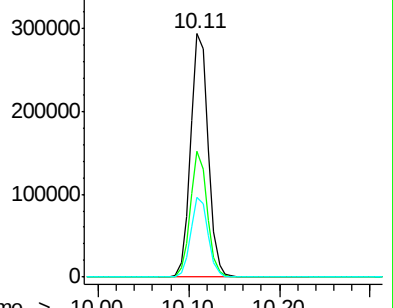
119 32.6 25.2 37.8

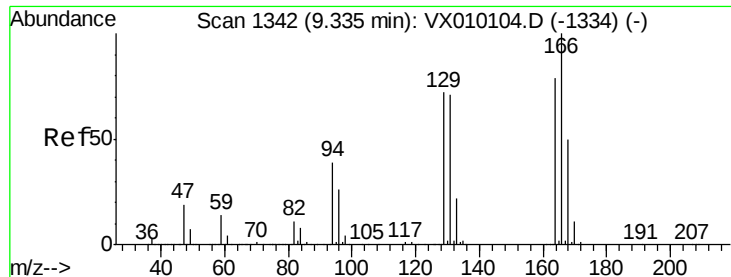


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

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: 0.660 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010158.D

Acq: 08 Jun 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20190605

Tot Ion:164 Resp: 1940

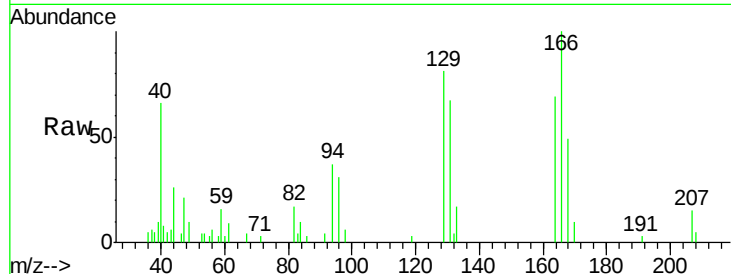
Ion Ratio Lower Upper

164 100

166 145.3 105.0 157.4

129 118.3 75.1 112.7#

131 97.5 72.2 108.4

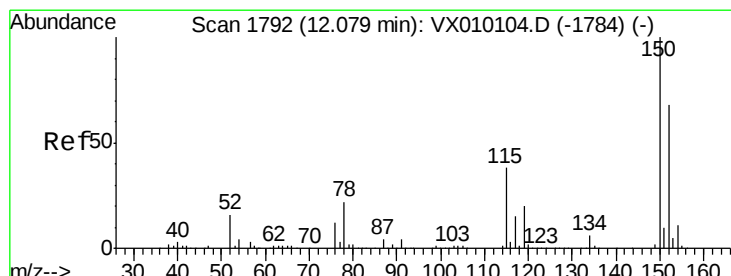
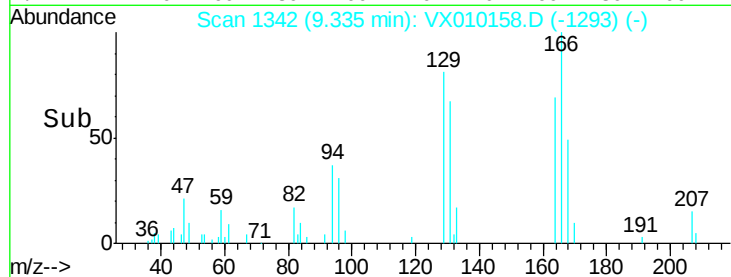
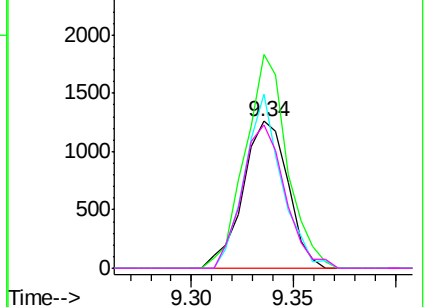


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX010158.D

Acq: 08 Jun 2019 22:57

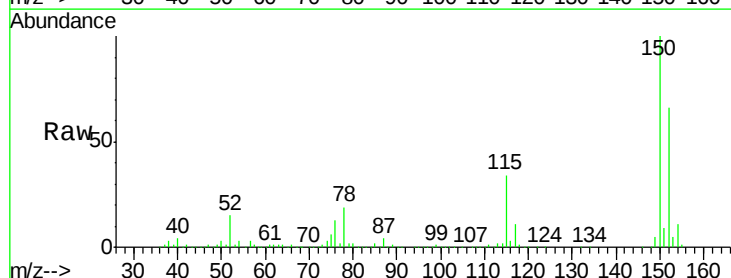
Tgt Ion:152 Resp: 186038

Ion Ratio Lower Upper

152 100

115 54.0 41.4 124.2

150 155.2 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

