

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010185.D
 Acq On : 10 Jun 2019 18:06
 Operator : JC/SP
 Sample : K3257-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20190606DL

Quant Time: Jun 11 07:39:45 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

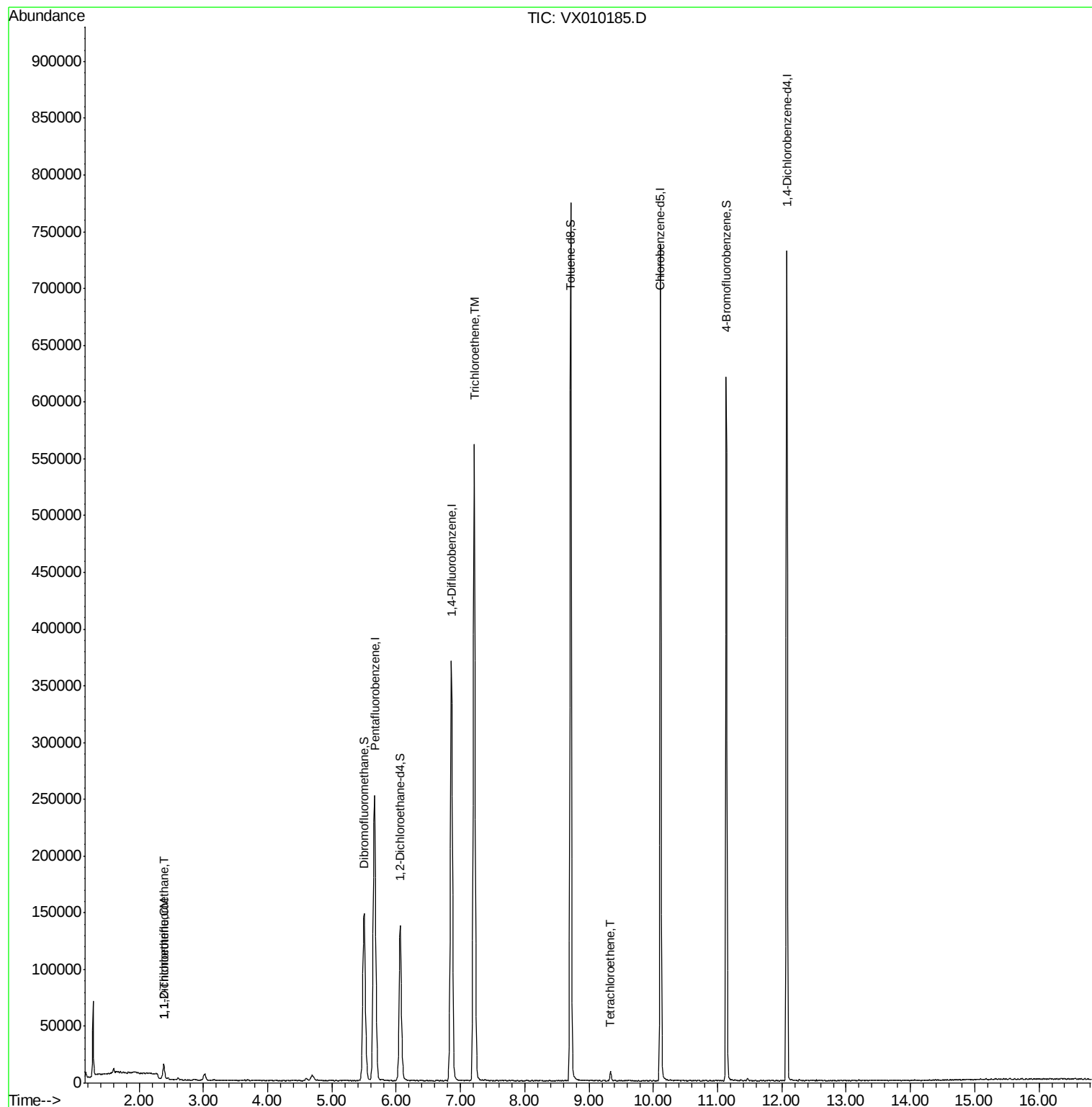
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	415595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122548	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
35) Dibromofluoromethane	5.50	113	125268	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	8.71	98	479765	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	162277	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4646	1.947	ug/l	91
12) 1,1-Dichloroethene	2.38	96	1122	0.460	ug/l #	67
44) Trichloroethene	7.21	130	233471	73.876	ug/l	84
64) Tetrachloroethene	9.34	164	1681	0.613	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. -0.00 min

Lab File: VX010185.D

Acq: 10 Jun 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

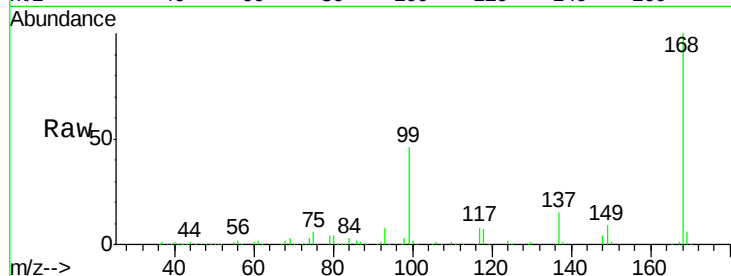
RE120D2-20190606DL

Tot Ion:168 Resp: 271309

Ion Ratio Lower Upper

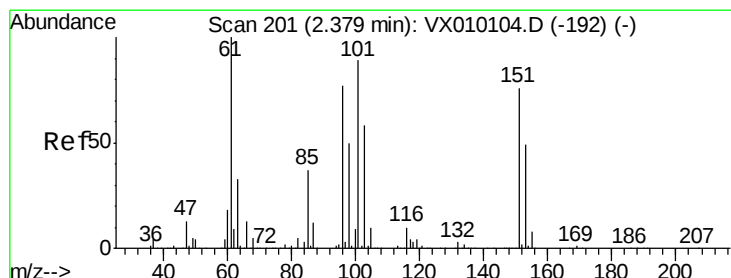
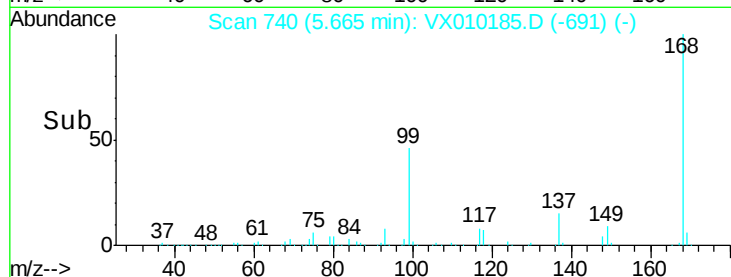
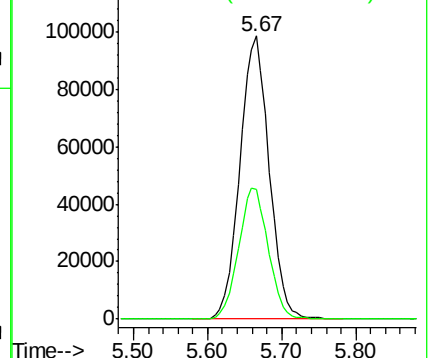
168 100

99 45.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.947 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010185.D

Acq: 10 Jun 2019 18:06

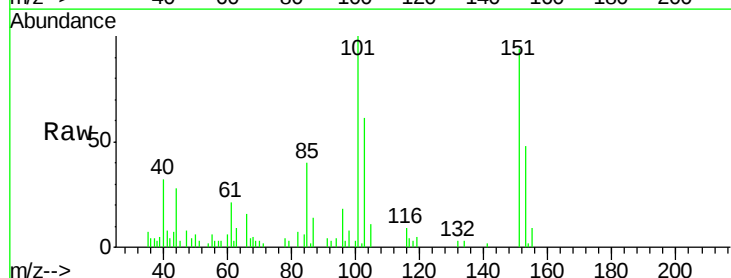
Tgt Ion:101 Resp: 4646

Ion Ratio Lower Upper

101 100

85 44.5 35.2 52.8

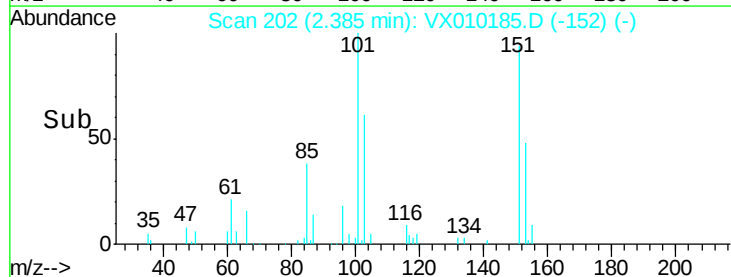
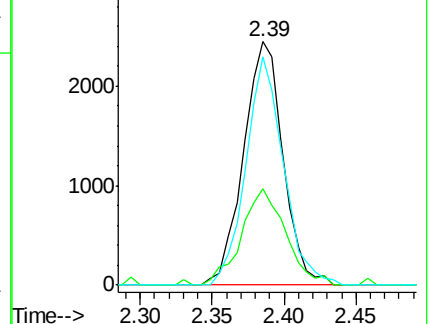
151 89.4 61.9 92.9

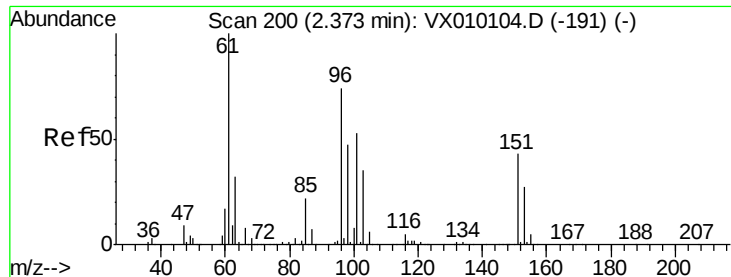


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 0.460 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX010185.D

Acq: 10 Jun 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190606DL

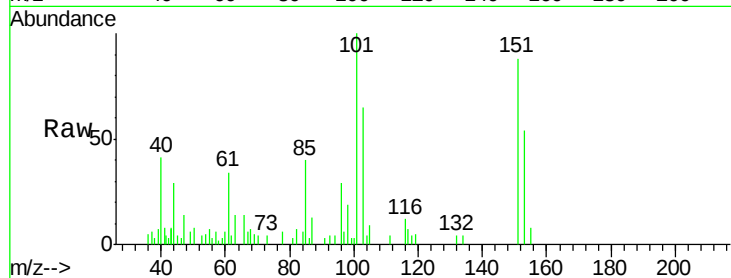
Tot Ion: 96 Resp: 1122

Ion Ratio Lower Upper

96 100

61 116.3 140.7 211.1#

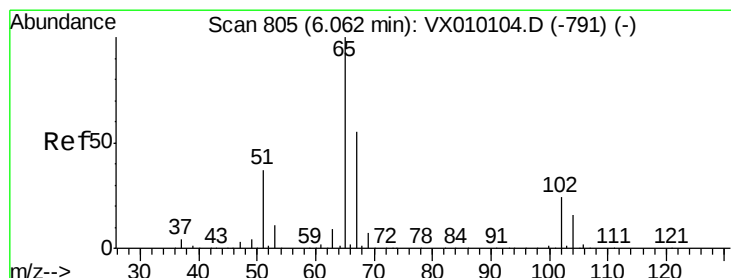
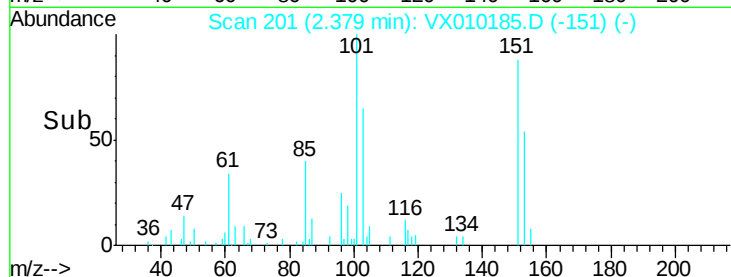
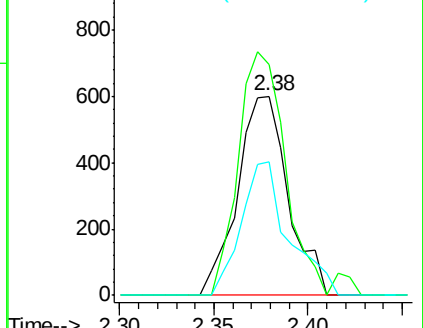
98 67.2 50.1 75.1



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



#33

1,2-Dichloroethane-d4

Concen: 46.274 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010185.D

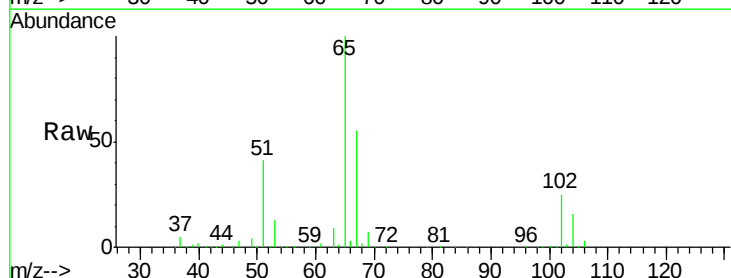
Acq: 10 Jun 2019 18:06

Tgt Ion: 65 Resp: 122548

Ion Ratio Lower Upper

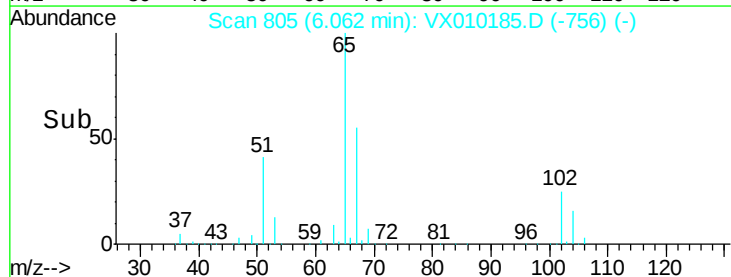
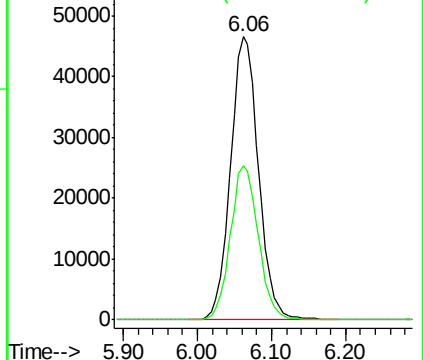
65 100

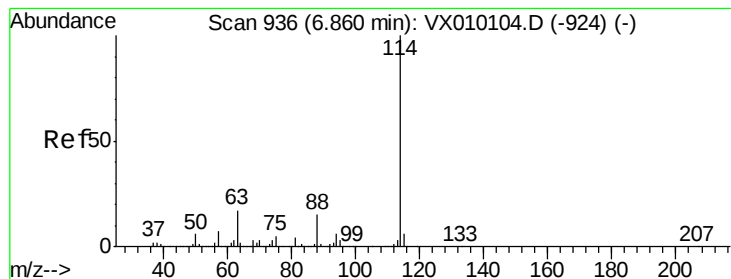
67 54.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010185.D

Acq: 10 Jun 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190606DL

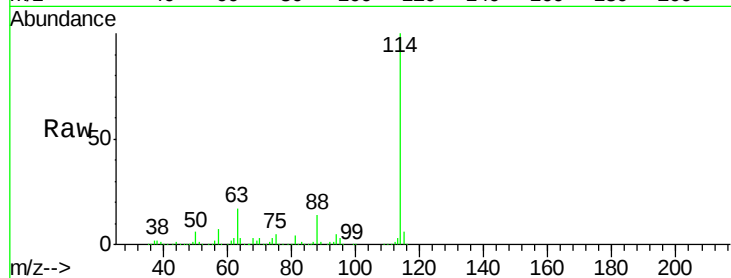
Tot Ion:114 Resp: 415595

Ion Ratio Lower Upper

114 100

63 16.7 0.0 47.4

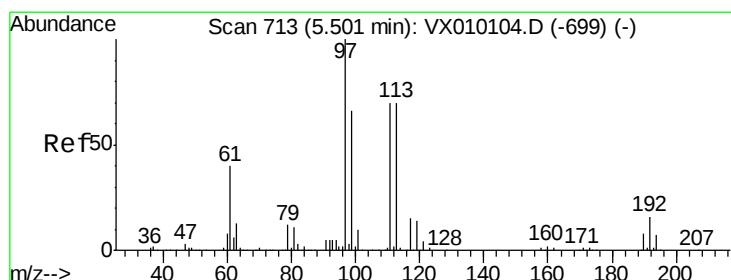
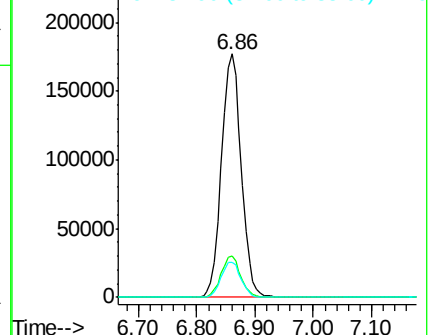
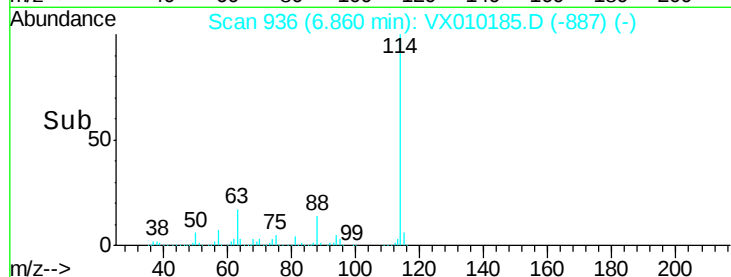
88 14.4 0.0 33.0



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: 48.866 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010185.D

Acq: 10 Jun 2019 18:06

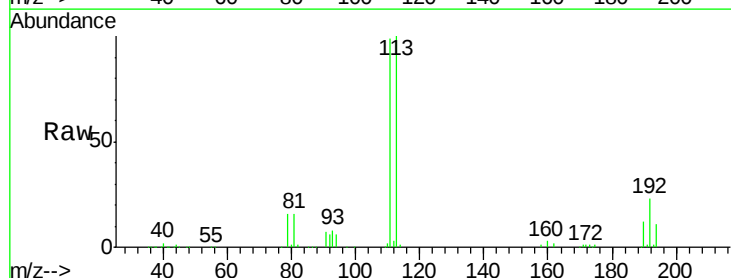
Tgt Ion:113 Resp: 125268

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

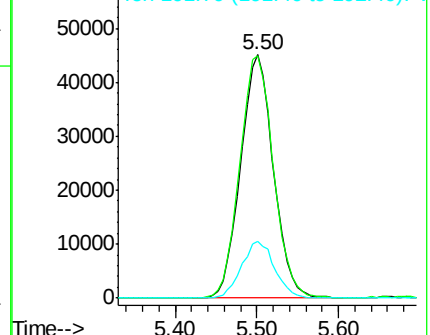
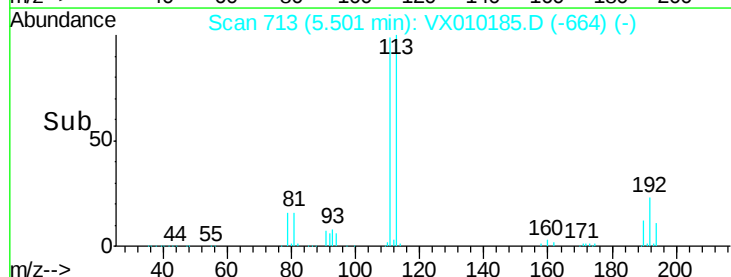
192 23.7 17.1 25.7

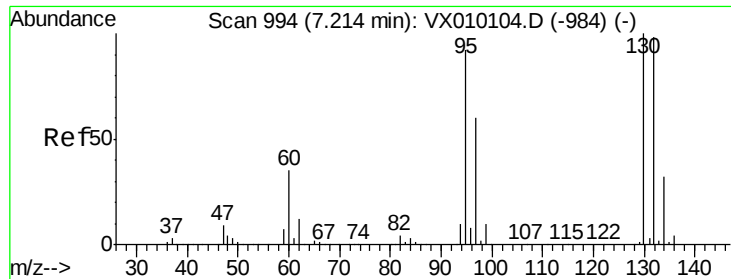


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 73.876 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010185.D

Acq: 10 Jun 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

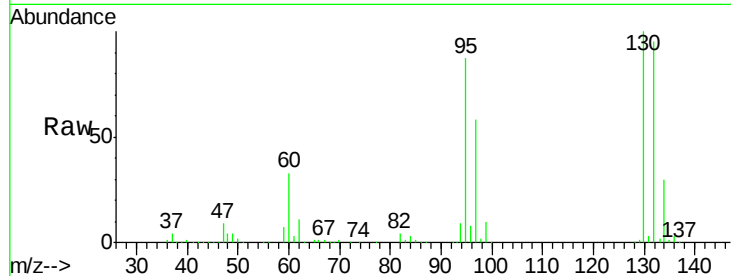
RE120D2-20190606DL

Tot Ion:130 Resp: 233471

Ion Ratio Lower Upper

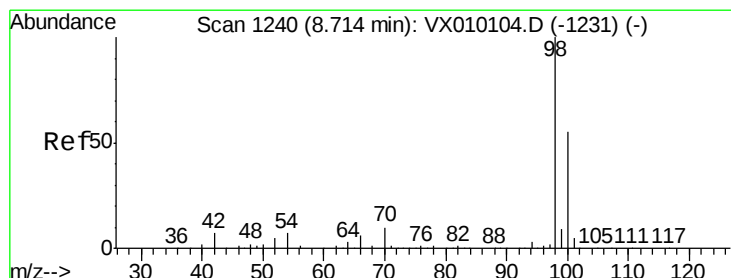
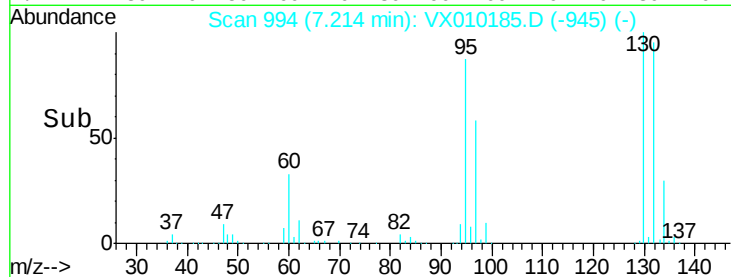
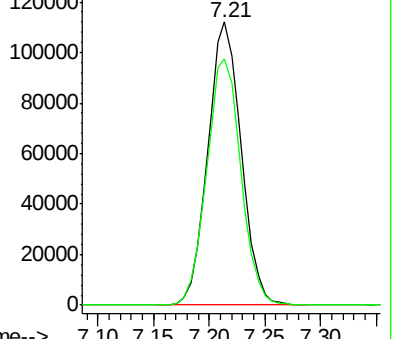
130 100

95 87.2 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.936 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010185.D

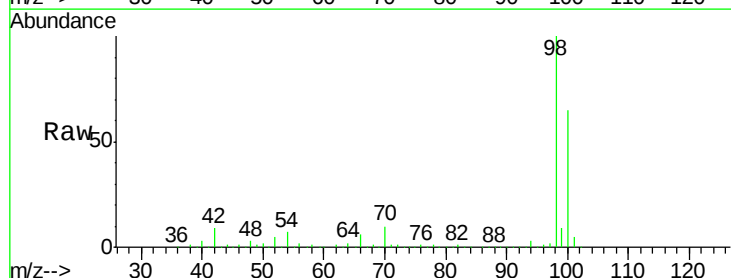
Acq: 10 Jun 2019 18:06

Tgt Ion: 98 Resp: 479765

Ion Ratio Lower Upper

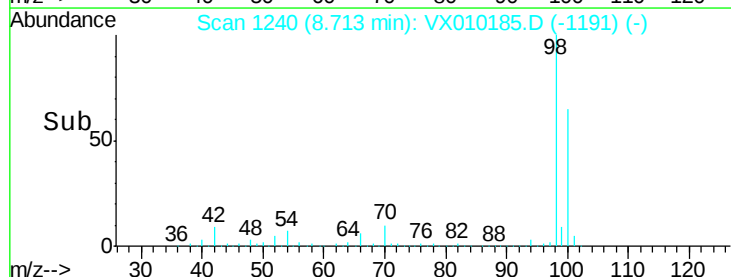
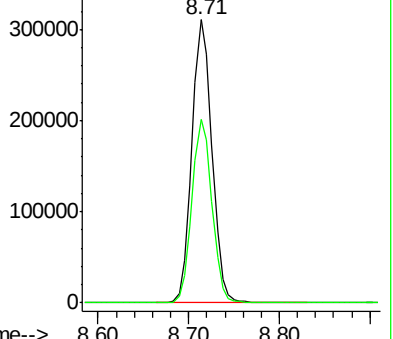
98 100

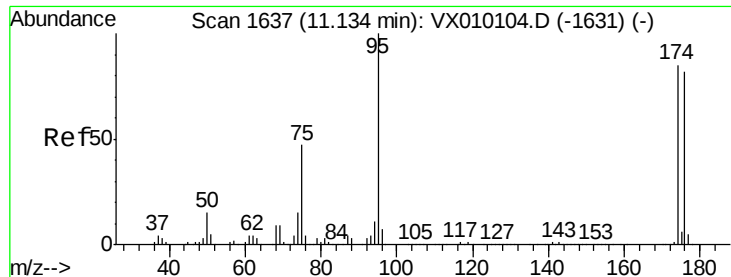
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.227 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010185.D

Acq: 10 Jun 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190606DL

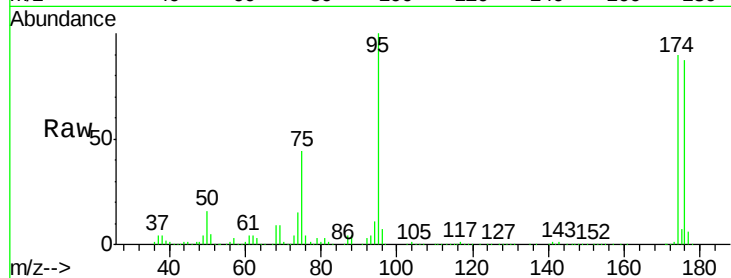
Tot Ion: 95 Resp: 162277

Ion Ratio Lower Upper

95 100

174 94.1 0.0 160.4

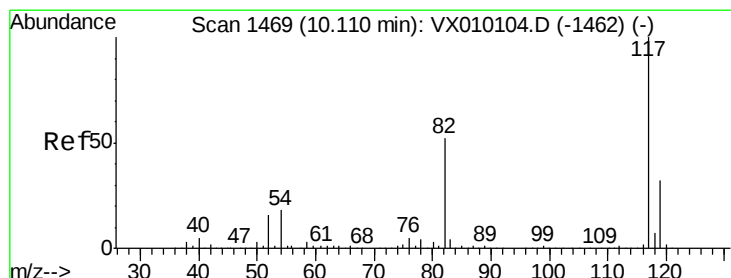
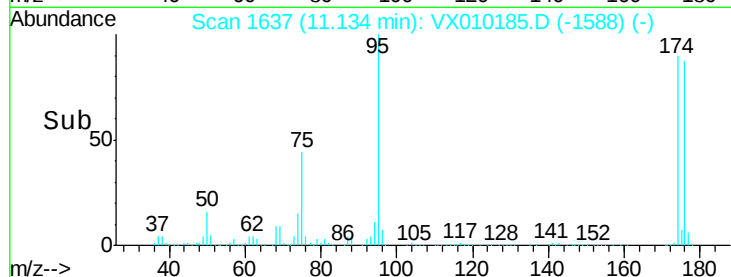
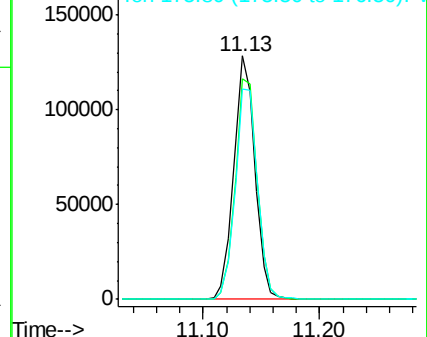
176 91.6 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010185.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010185.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010185.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010185.D

Acq: 10 Jun 2019 18:06

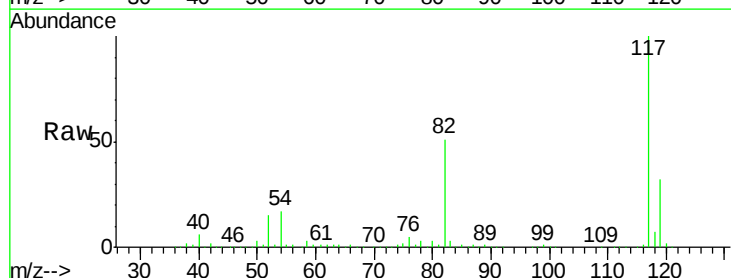
Tgt Ion: 117 Resp: 369108

Ion Ratio Lower Upper

117 100

82 50.6 49.2 73.8

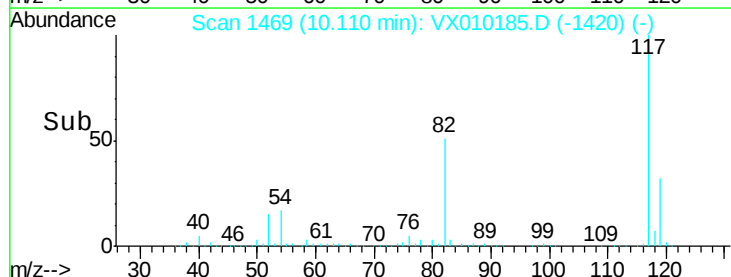
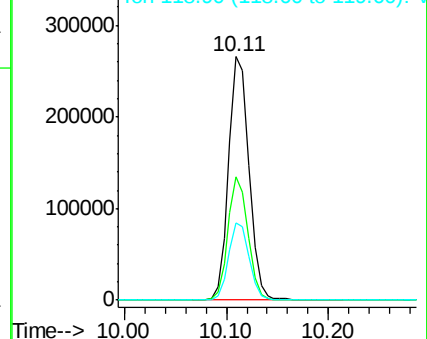
119 31.6 25.2 37.8

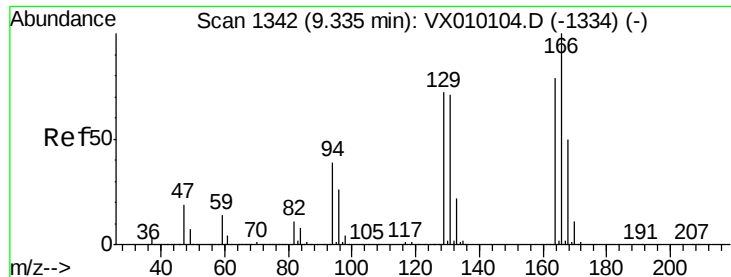


Abundance Ion 116.90 (116.60 to 117.60): VX010185.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010185.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010185.D (-1420) (-)





#64

Tetrachloroethene

Concen: 0.613 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010185.D

Acq: 10 Jun 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20190606DL

Tot Ion:164 Resp: 1681

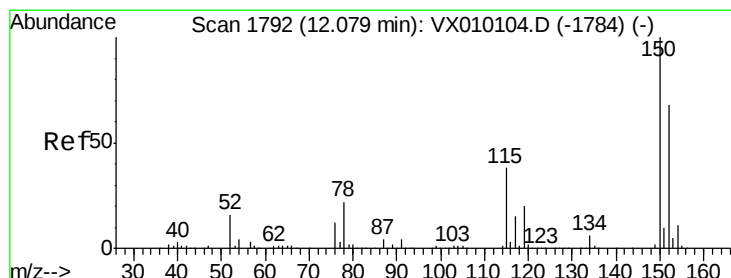
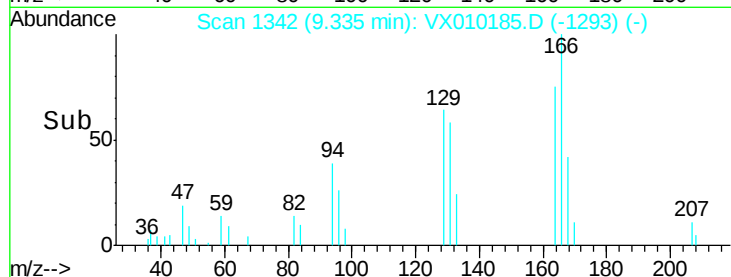
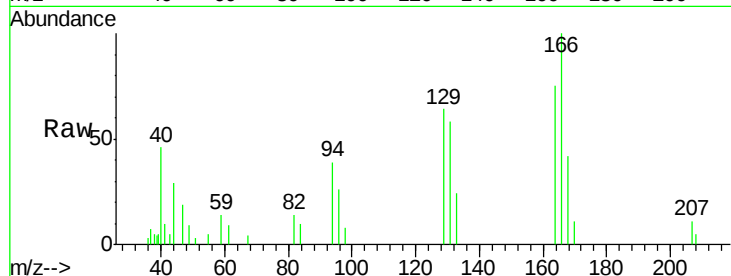
Ion Ratio Lower Upper

164 100

166 133.3 105.0 157.4

129 85.6 75.1 112.7

131 78.0 72.2 108.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010185.D

Acq: 10 Jun 2019 18:06

Tgt Ion:152 Resp: 171405

Ion Ratio Lower Upper

152 100

115 53.8 41.4 124.2

150 155.9 0.0 345.2

