

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010182.D
 Acq On : 10 Jun 2019 16:56
 Operator : JC/SP
 Sample : K3257-04DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20190606DL

Quant Time: Jun 11 07:31:12 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

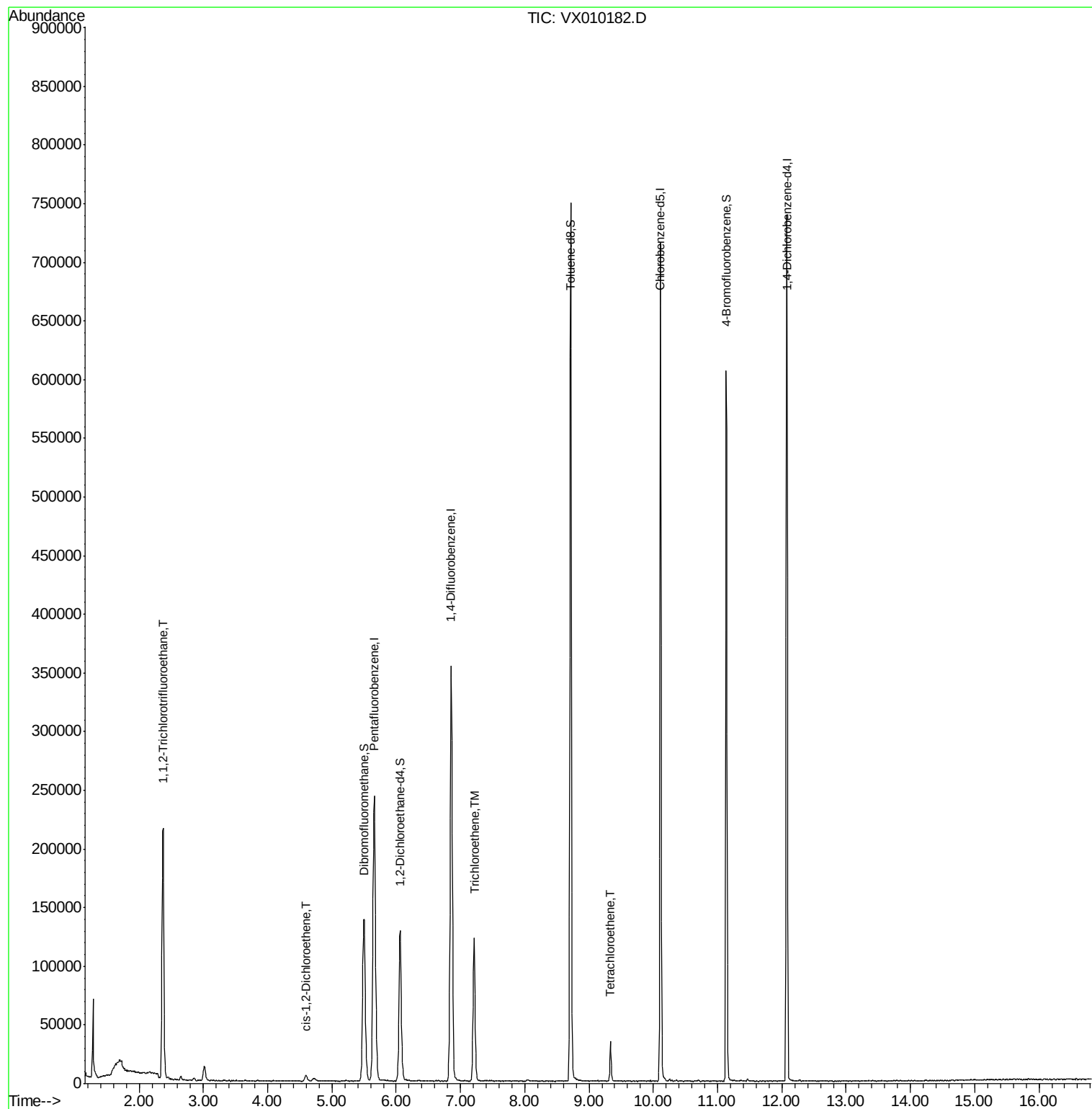
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	259967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	393823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	354484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115876	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
35) Dibromofluoromethane	5.49	113	120624	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	8.71	98	462836	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	159195	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87274	38.175	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	2907	1.011	ug/l	80
44) Trichloroethene	7.21	130	51570	17.220	ug/l	84
64) Tetrachloroethene	9.34	164	6797	2.582	ug/l	96

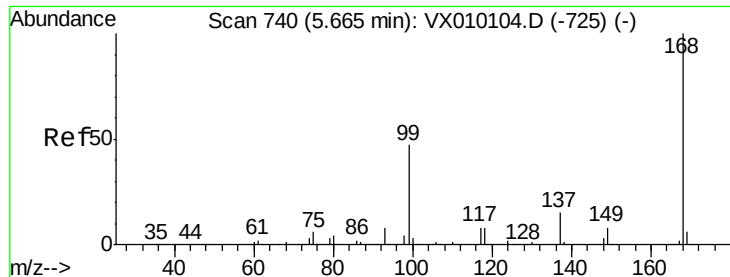
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010182.D

Acq: 10 Jun 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

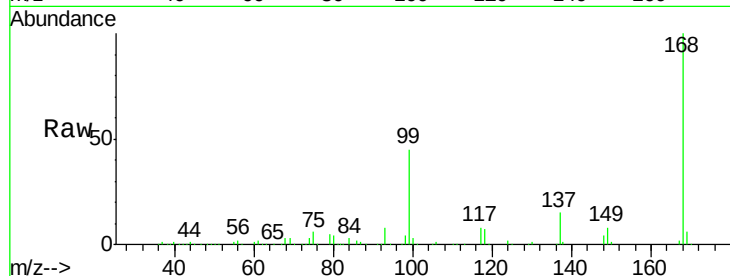
RE131D2-20190606DL

Tot Ion:168 Resp: 259967

Ion Ratio Lower Upper

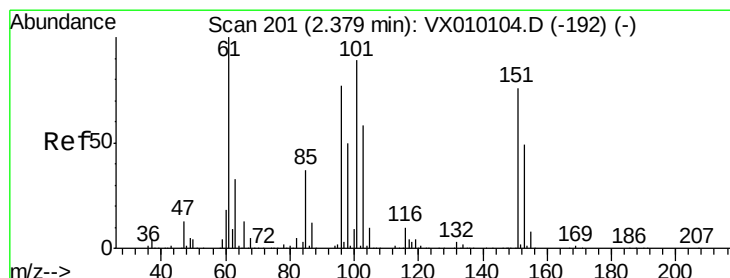
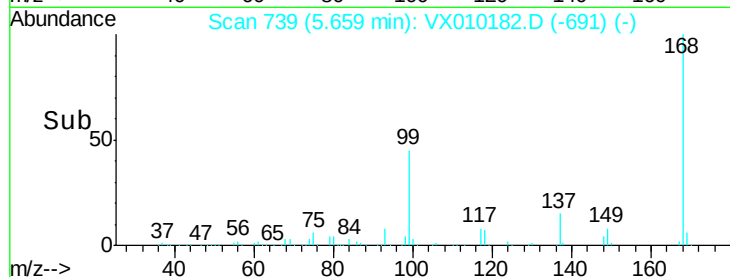
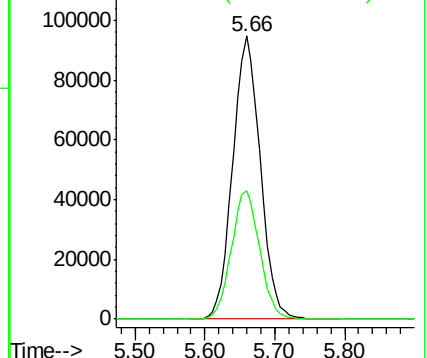
168 100

99 45.2 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: 38.175 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX010182.D

Acq: 10 Jun 2019 16:56

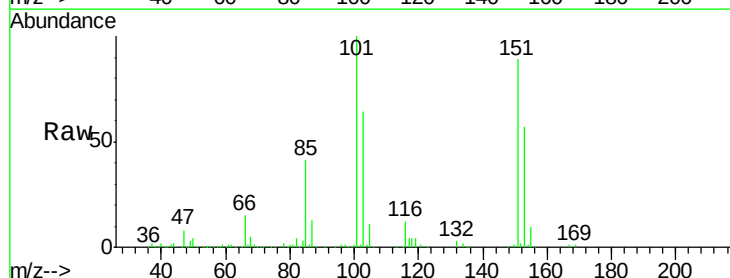
Tgt Ion:101 Resp: 87274

Ion Ratio Lower Upper

101 100

85 41.4 35.2 52.8

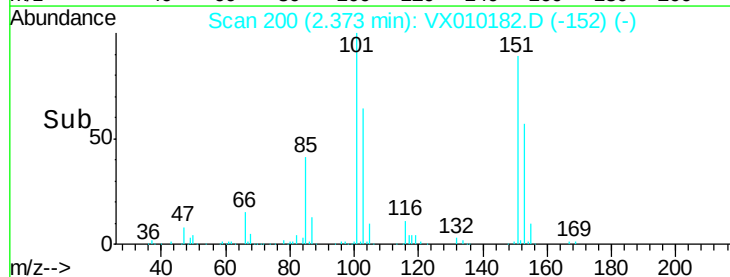
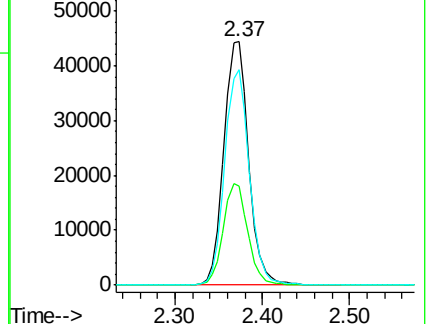
151 88.2 61.9 92.9

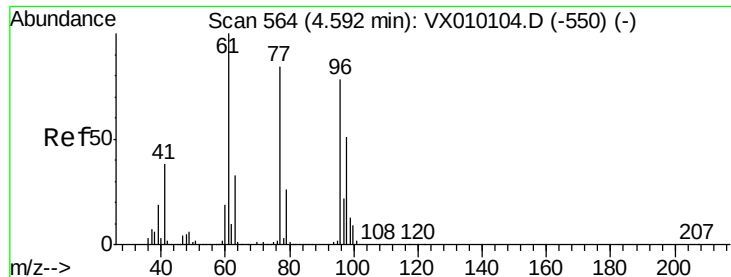


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#27

cis-1,2-Dichloroethene

Concen: 1.011 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX010182.D

Acq: 10 Jun 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20190606DL

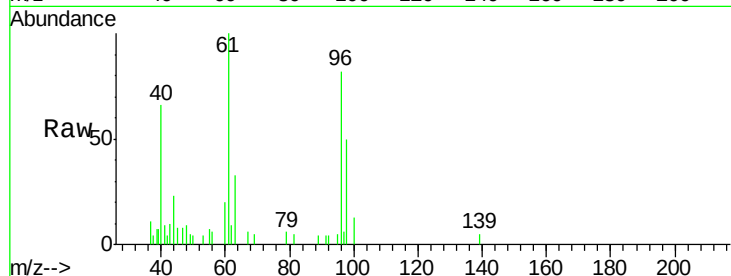
Tot Ion: 96 Resp: 2907

Ion Ratio Lower Upper

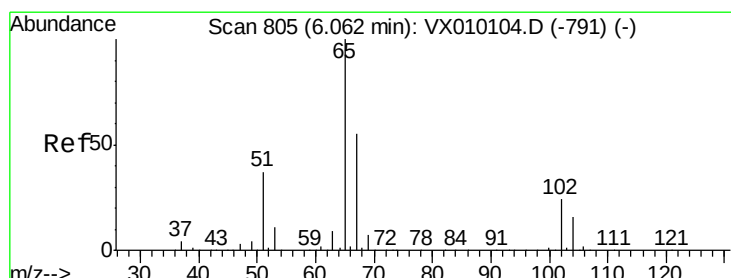
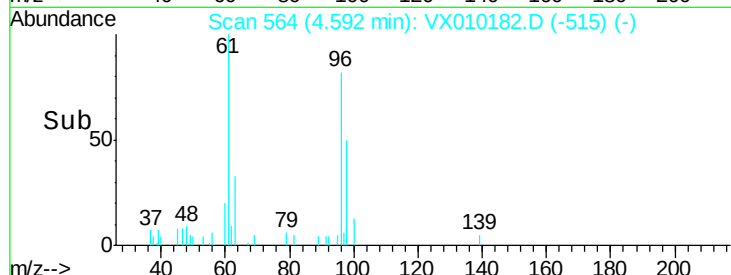
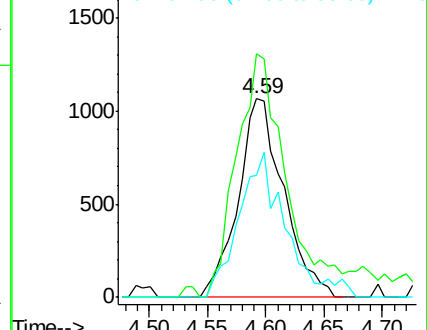
96 100

61 133.2 0.0 334.0

98 71.3 0.0 131.6



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



#33

1,2-Dichloroethane-d4

Concen: 45.664 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010182.D

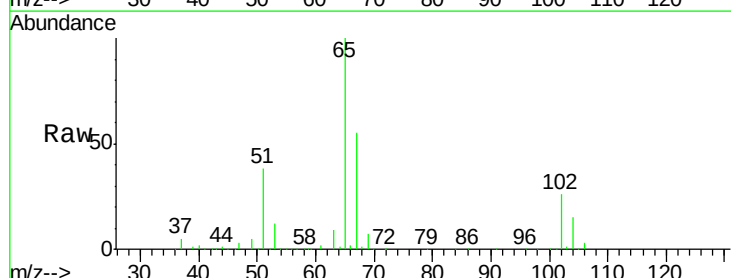
Acq: 10 Jun 2019 16:56

Tgt Ion: 65 Resp: 115876

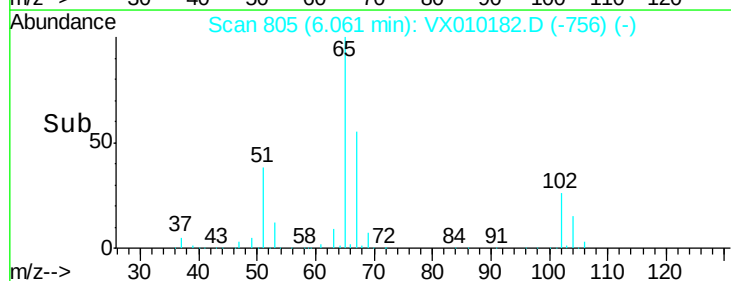
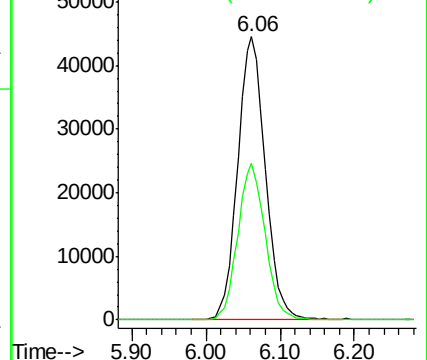
Ion Ratio Lower Upper

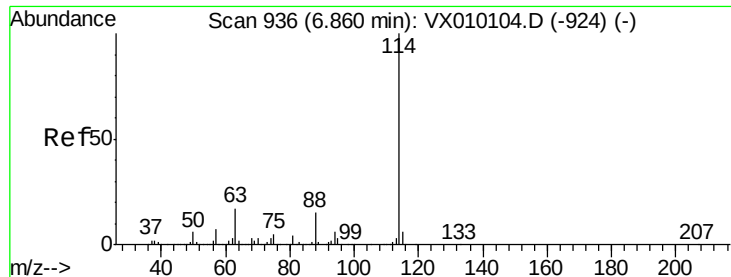
65 100

67 54.3 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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010182.D

Acq: 10 Jun 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20190606DL

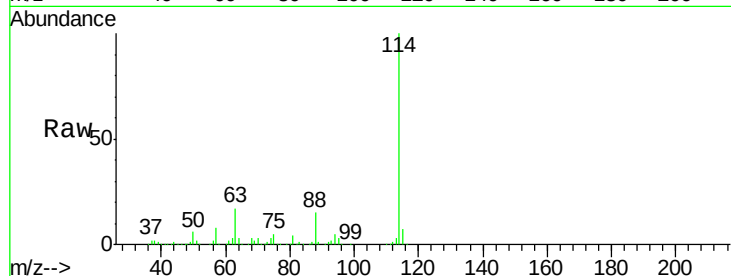
Tot Ion:114 Resp: 393823

Ion Ratio Lower Upper

114 100

63 17.3 0.0 47.4

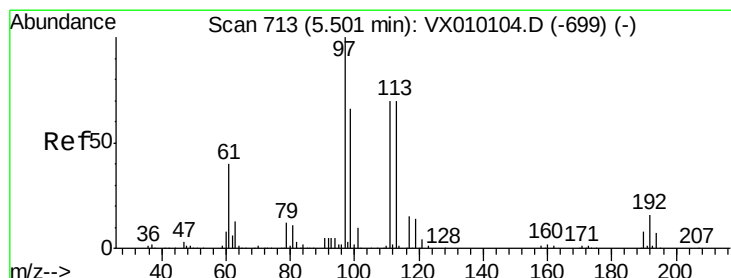
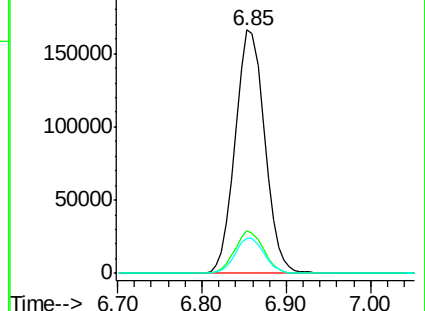
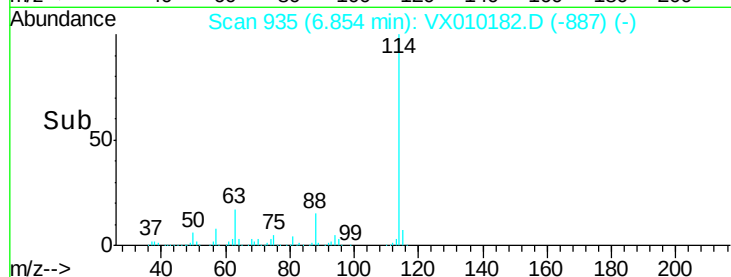
88 14.6 0.0 33.0



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: 49.656 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010182.D

Acq: 10 Jun 2019 16:56

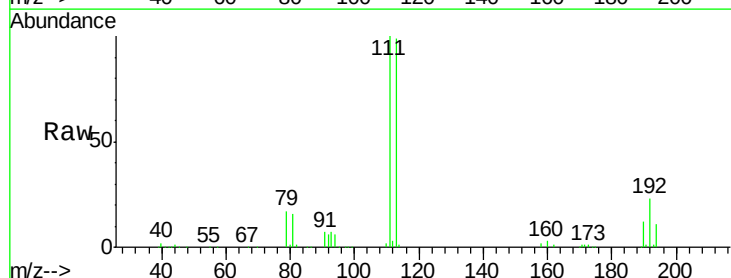
Tgt Ion:113 Resp: 120624

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

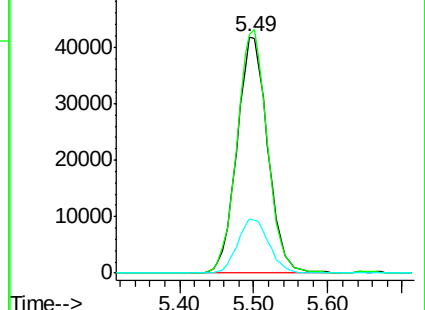
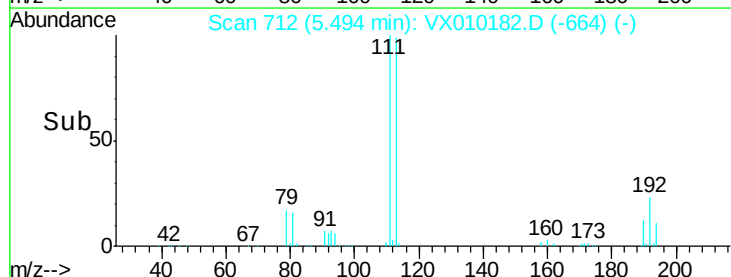
192 23.3 17.1 25.7

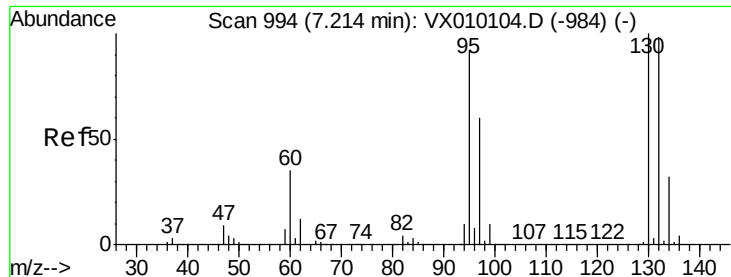


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

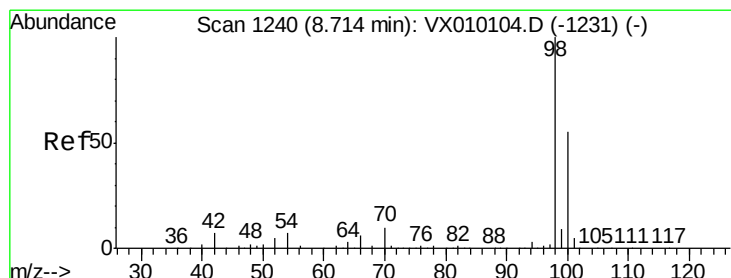
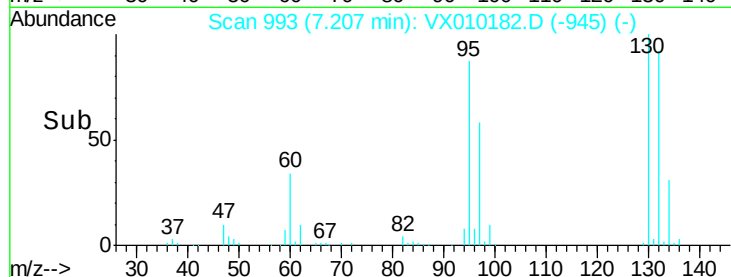
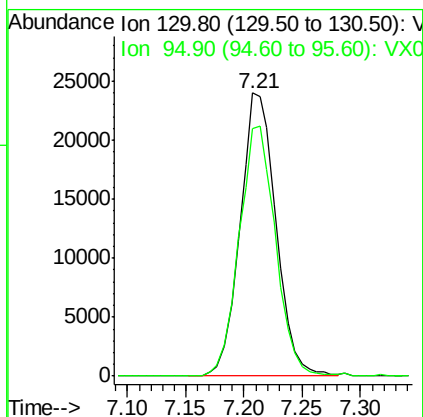
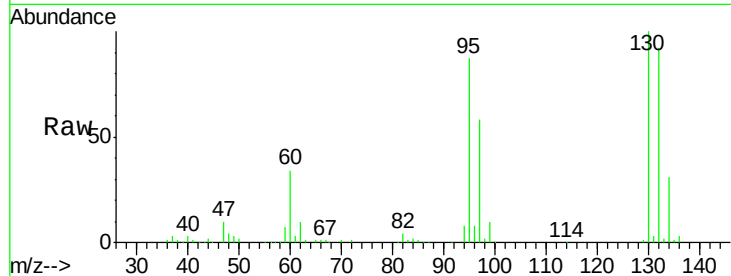




#44
 Trichloroethene
 Concen: 17.220 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010182.D
 Acq: 10 Jun 2019 16:56

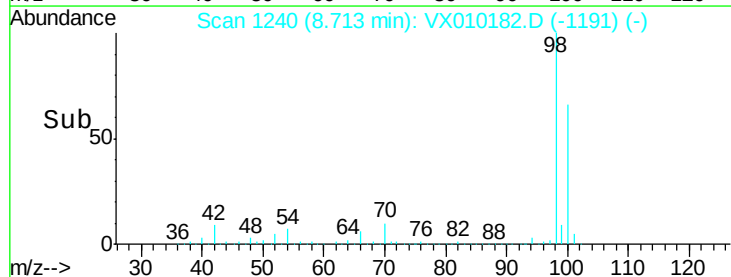
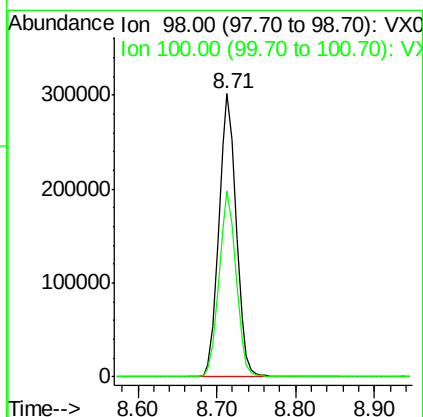
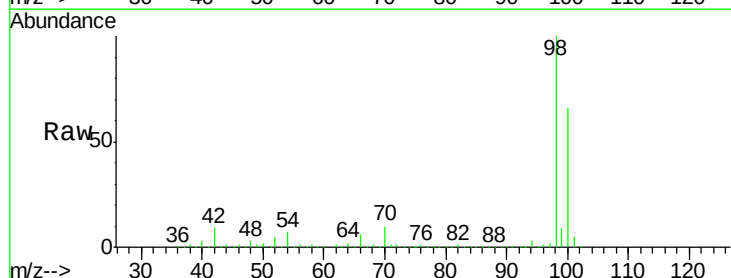
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20190606DL

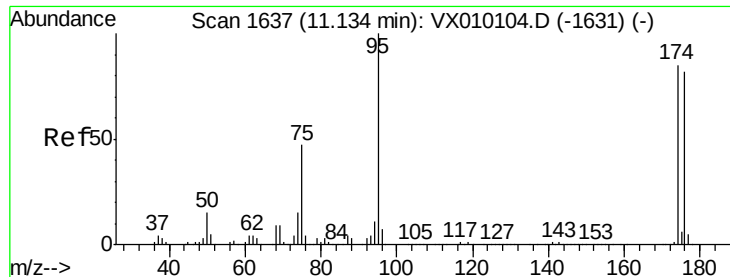
Tot Ion:130 Resp: 51570
 Ion Ratio Lower Upper
 130 100
 95 87.5 0.0 207.4



#50
 Toluene-d8
 Concen: 50.837 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010182.D
 Acq: 10 Jun 2019 16:56

Tgt Ion: 98 Resp: 462836
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.821 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010182.D

Acq: 10 Jun 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20190606DL

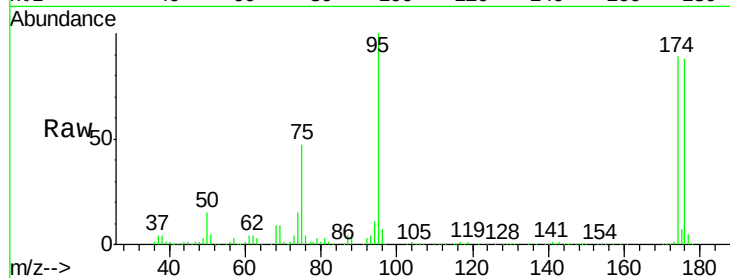
Tot Ion: 95 Resp: 159195

Ion Ratio Lower Upper

95 100

174 94.1 0.0 160.4

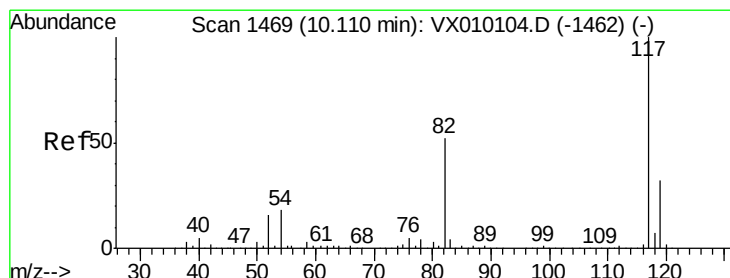
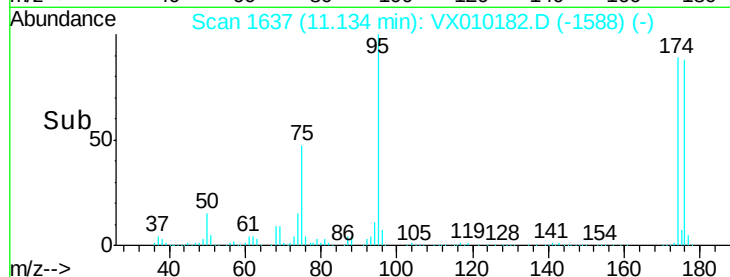
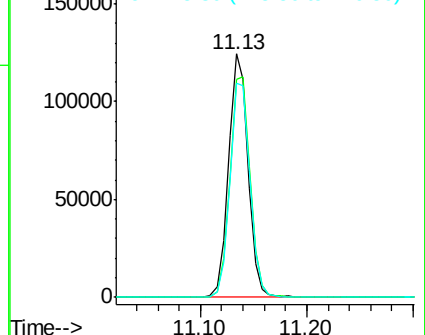
176 91.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010182.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010182.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010182.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010182.D

Acq: 10 Jun 2019 16:56

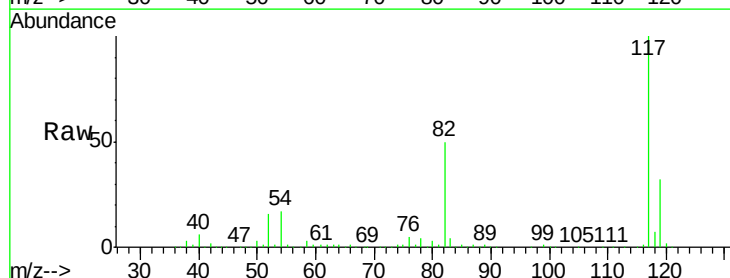
Tgt Ion: 117 Resp: 354484

Ion Ratio Lower Upper

117 100

82 49.7 49.2 73.8

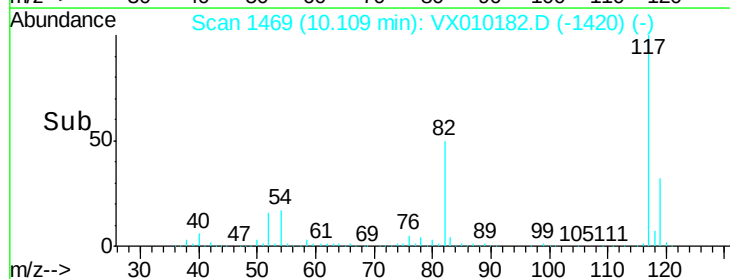
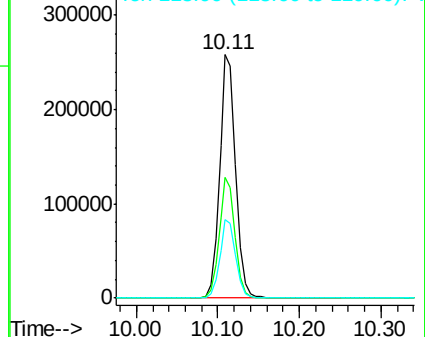
119 32.3 25.2 37.8

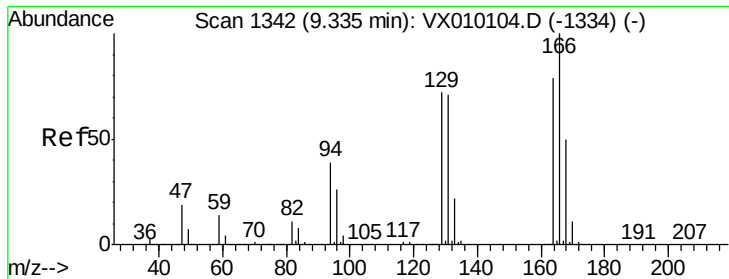


Abundance Ion 116.90 (116.60 to 117.60): VX010182.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010182.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010182.D (-1420) (-)





#64

Tetrachloroethene

Concen: 2.582 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010182.D

Acq: 10 Jun 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20190606DL

Tot Ion:164 Resp: 6797

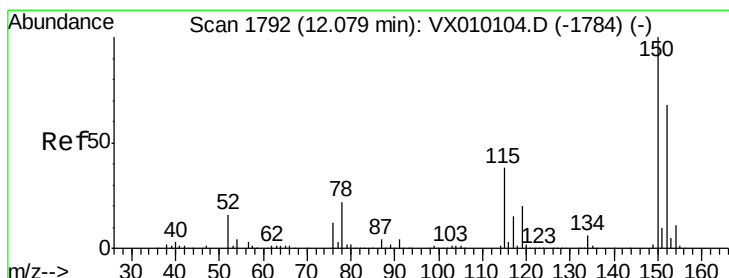
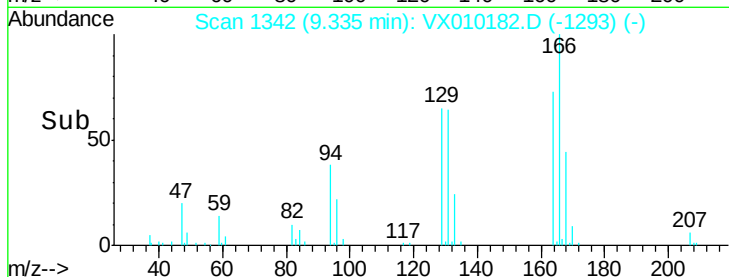
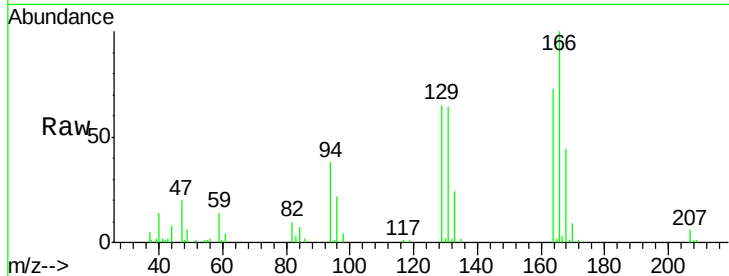
Ion Ratio Lower Upper

164 100

166 136.5 105.0 157.4

129 89.0 75.1 112.7

131 87.3 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: VX010182.D

Acq: 10 Jun 2019 16:56

Tgt Ion:152 Resp: 169825

Ion Ratio Lower Upper

152 100

115 54.0 41.4 124.2

150 154.6 0.0 345.2

