

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010234.D
 Acq On : 11 Jun 2019 15:52
 Operator : JC/SP
 Sample : K3257-09DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20190606DL

Quant Time: Jun 12 08:26:37 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

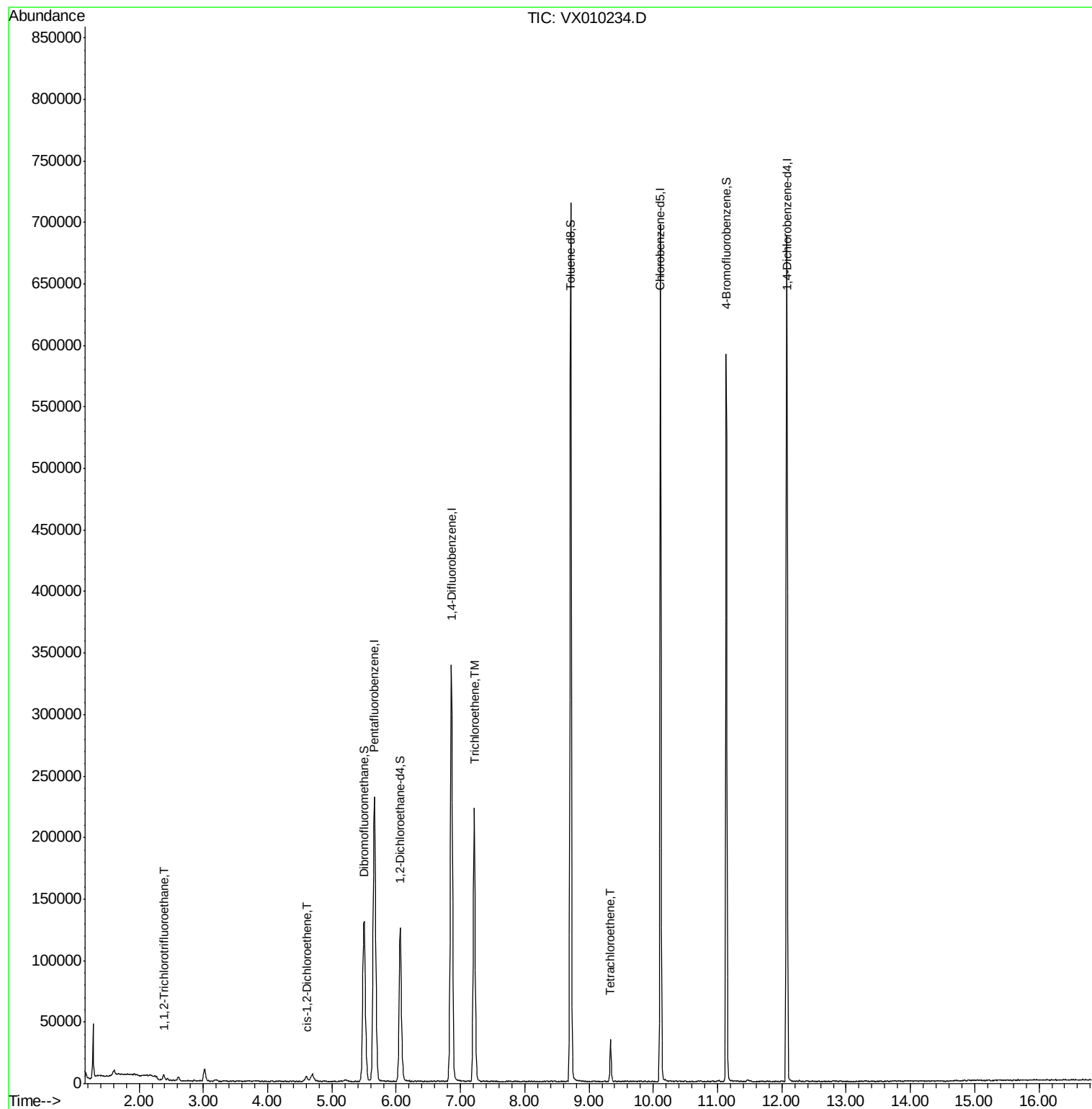
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	247096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111974	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
35) Dibromofluoromethane	5.50	113	113358	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	8.71	98	440580	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	148783	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1416	0.652	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	2401	0.879	ug/l	74
44) Trichloroethene	7.21	130	92853	32.553	ug/l	85
64) Tetrachloroethene	9.34	164	6871	2.717	ug/l	92

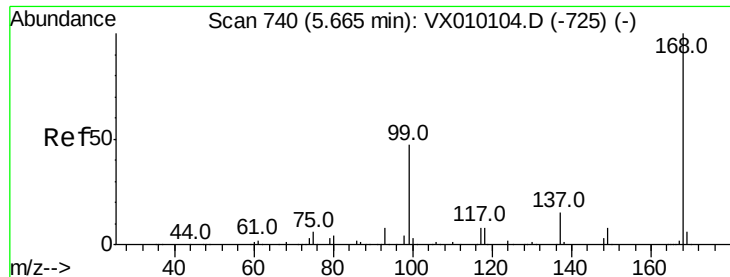
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061119\
Data File : VX010234.D
Acq On : 11 Jun 2019 15:52
Operator : JC/SP
Sample : K3257-09DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606DL

Quant Time: Jun 12 08:26:37 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010234.D

Acq: 11 Jun 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

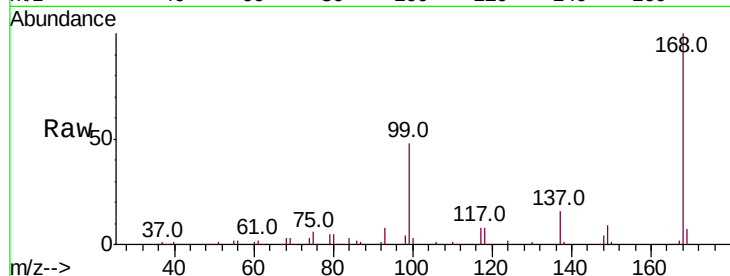
DUP03-20190606DL

Tot Ion:168 Resp: 247096

Ion Ratio Lower Upper

168 100

99 48.5 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

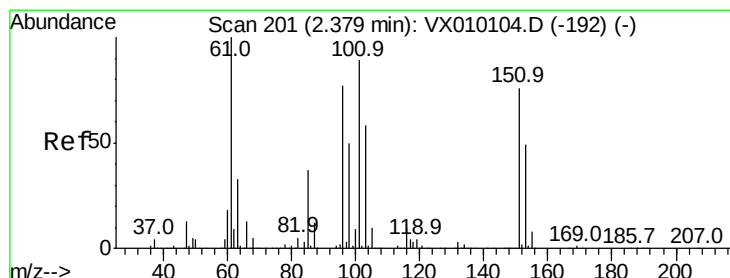
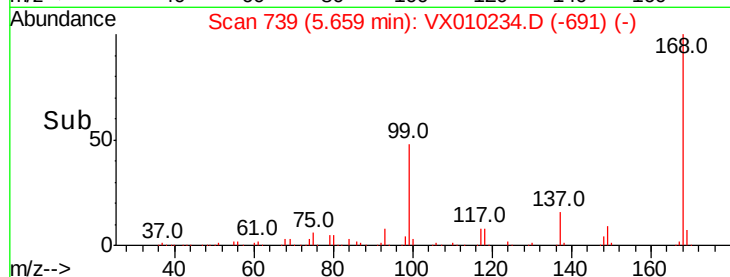
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.652 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010234.D

Acq: 11 Jun 2019 15:52

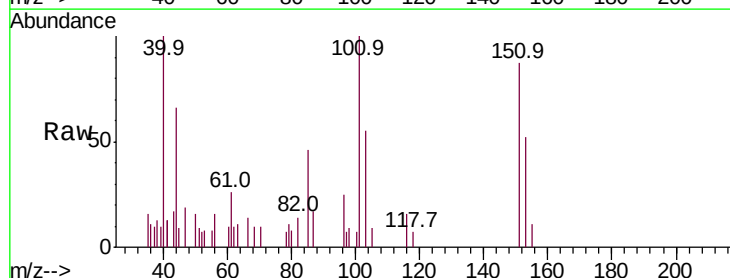
Tgt Ion:101 Resp: 1416

Ion Ratio Lower Upper

101 100

85 46.3 35.2 52.8

151 98.0 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

2.39

1000

800

600

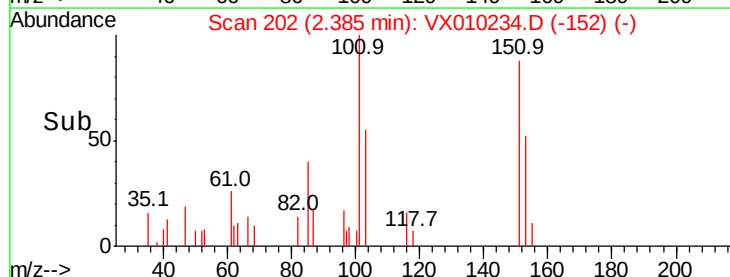
400

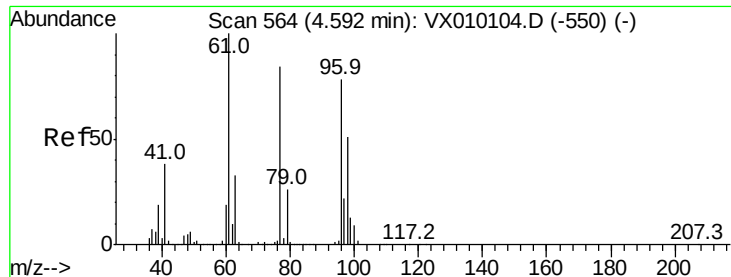
200

0

Time-->

2.30 2.35 2.40 2.45



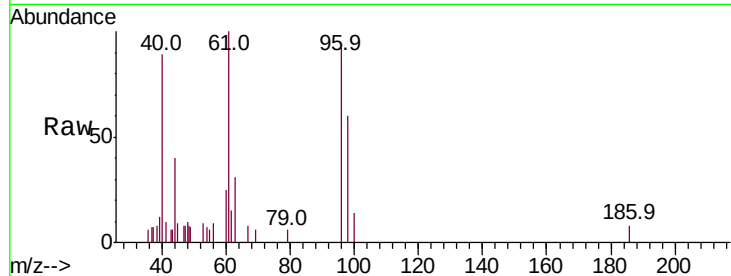


#27

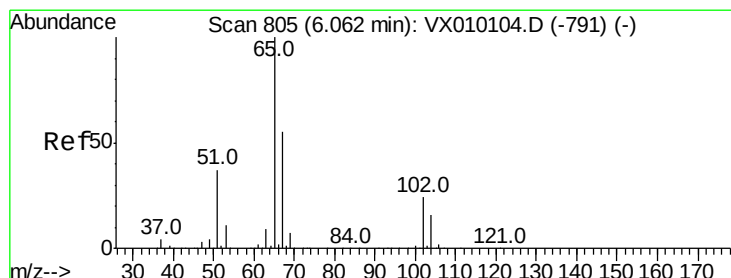
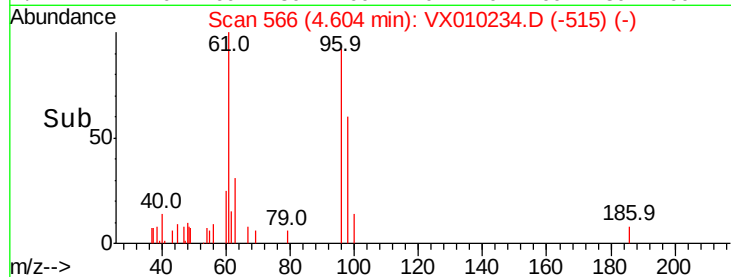
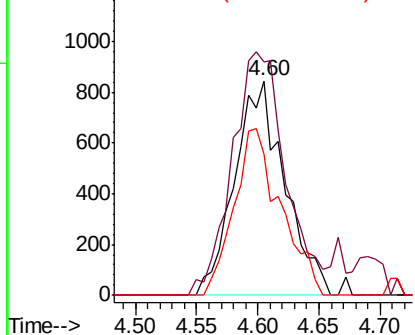
cis-1,2-Dichloroethene
Concen: 0.879 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX010234.D
Acq: 11 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606DL

Tot Ion: 96 Resp: 2401
Ion Ratio Lower Upper
96 100
61 121.5 0.0 334.0
98 72.4 0.0 131.6



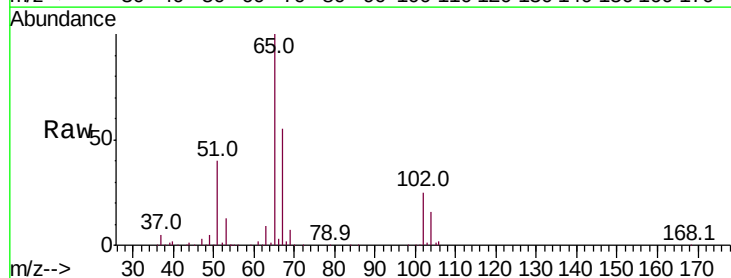
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



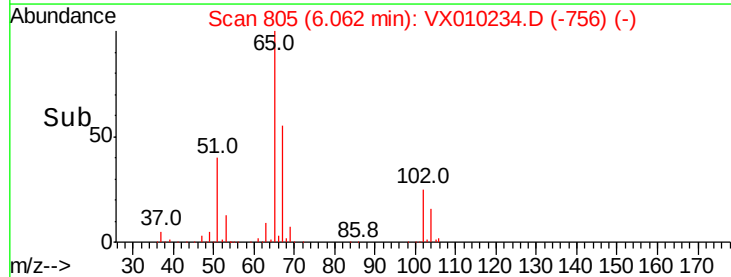
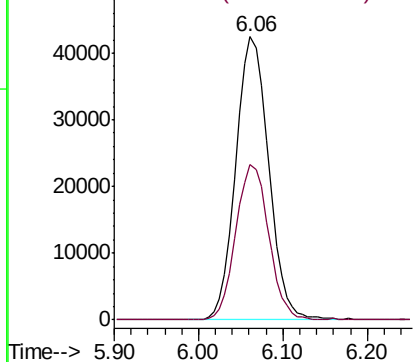
#33

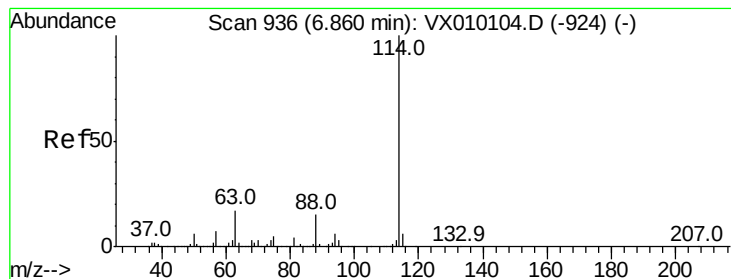
1,2-Dichloroethane-d4
Concen: 46.425 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010234.D
Acq: 11 Jun 2019 15:52

Tgt Ion: 65 Resp: 111974
Ion Ratio Lower Upper
65 100
67 55.0 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: VX010234.D

Acq: 11 Jun 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20190606DL

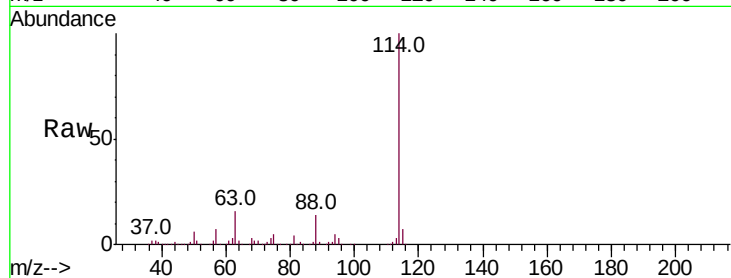
Tot Ion:114 Resp: 375099

Ion Ratio Lower Upper

114 100

63 16.0 0.0 47.4

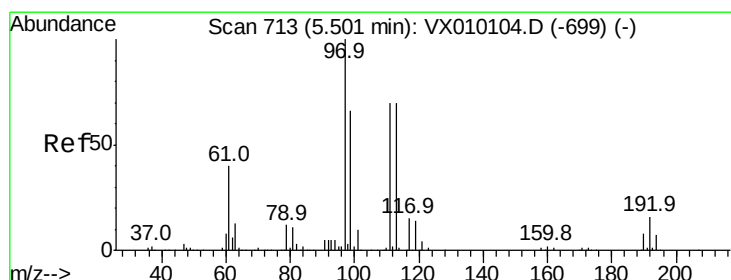
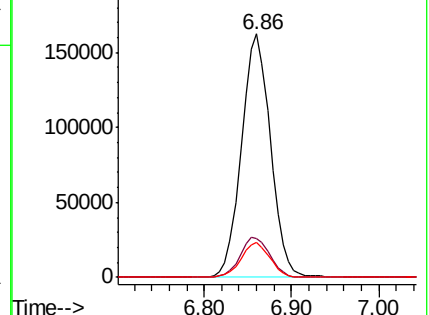
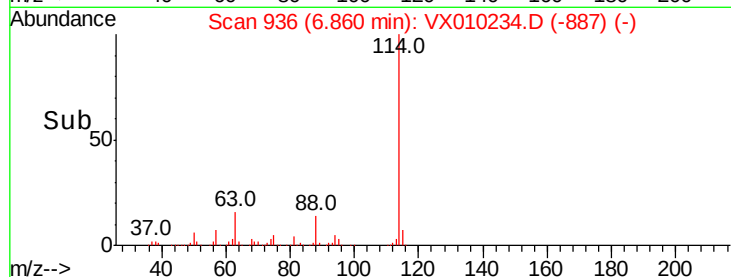
88 14.2 0.0 33.0



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: 48.994 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010234.D

Acq: 11 Jun 2019 15:52

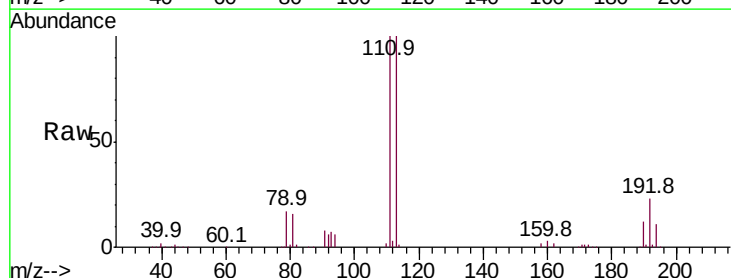
Tgt Ion:113 Resp: 113358

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

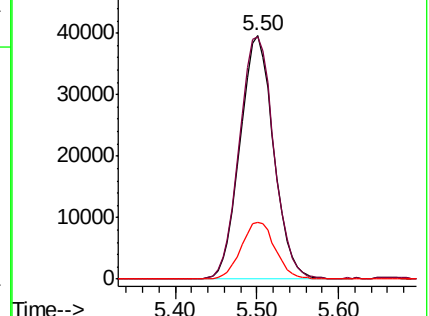
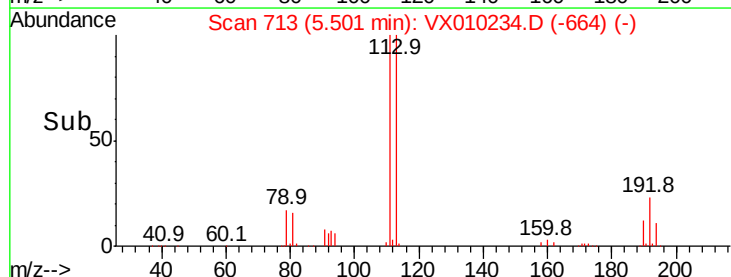
192 23.9 17.1 25.7

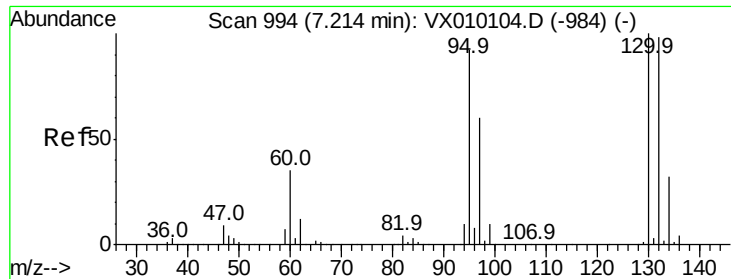


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 32.553 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010234.D

Acq: 11 Jun 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

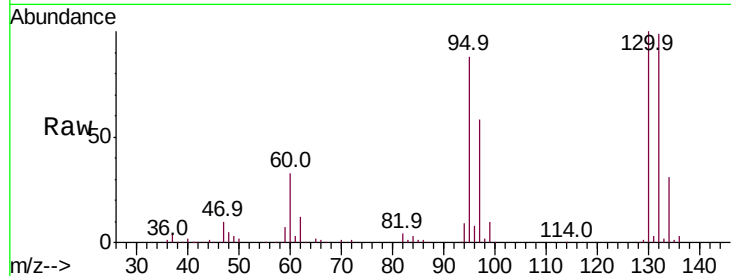
DUP03-20190606DL

Tot Ion:130 Resp: 92853

Ion Ratio Lower Upper

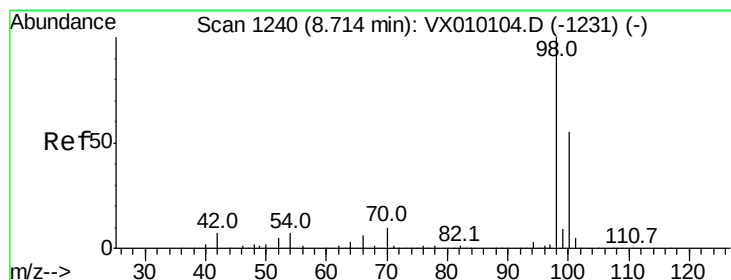
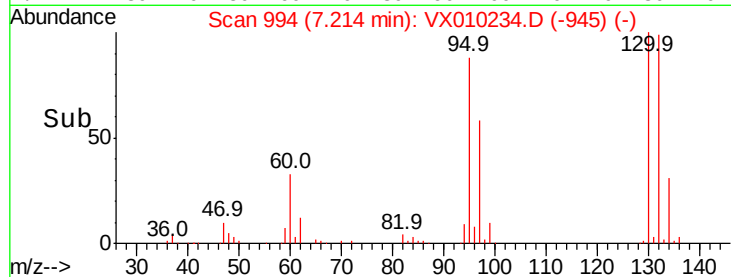
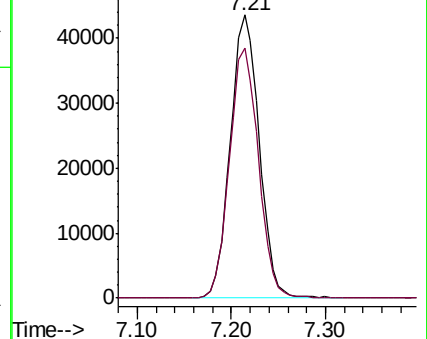
130 100

95 88.2 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: 50.809 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010234.D

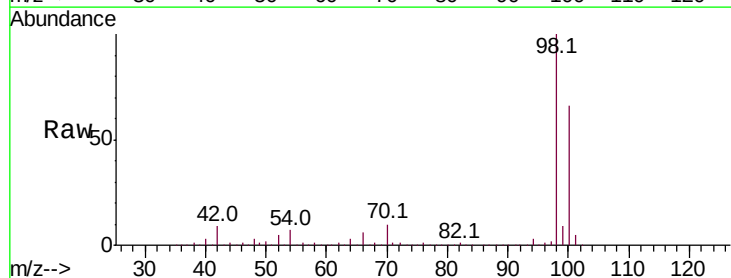
Acq: 11 Jun 2019 15:52

Tgt Ion: 98 Resp: 440580

Ion Ratio Lower Upper

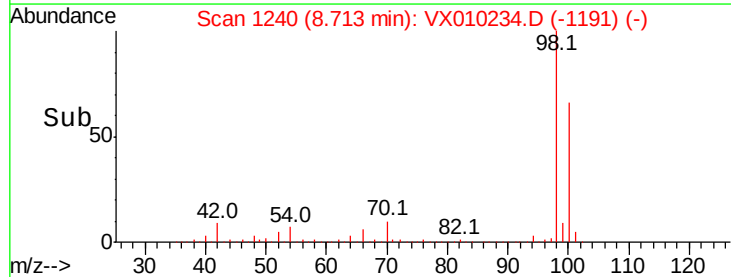
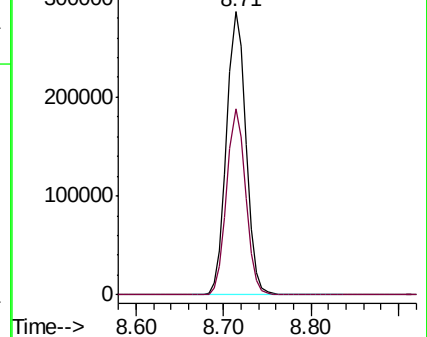
98 100

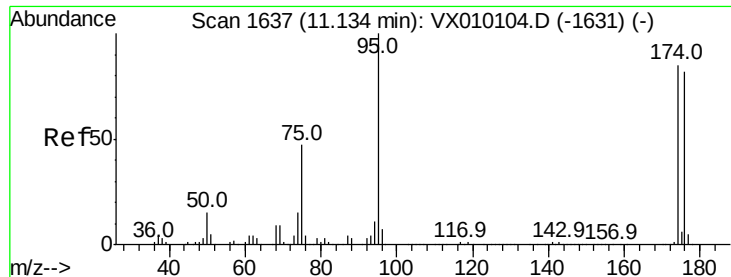
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.943 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010234.D

Acq: 11 Jun 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20190606DL

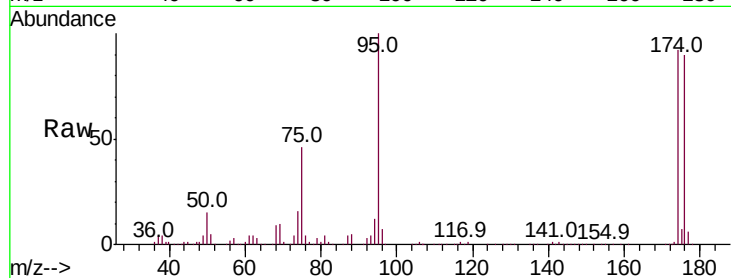
Tot Ion: 95 Resp: 148783

Ion Ratio Lower Upper

95 100

174 97.2 0.0 160.4

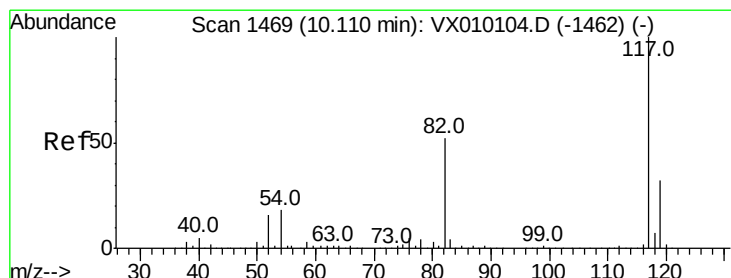
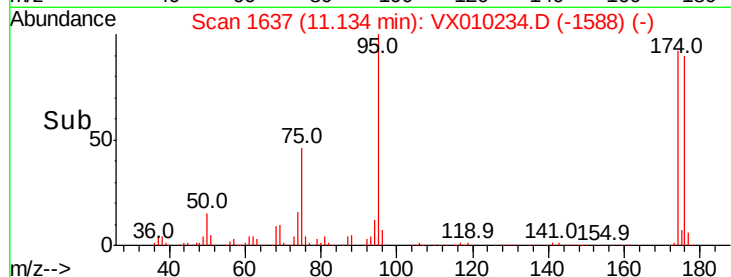
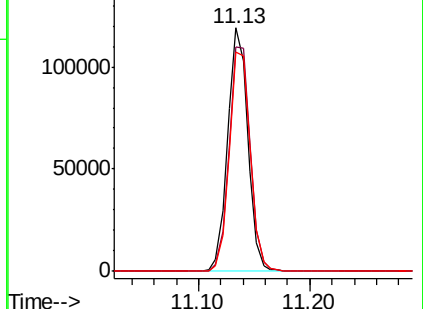
176 93.9 0.0 154.6



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: VX010234.D

Acq: 11 Jun 2019 15:52

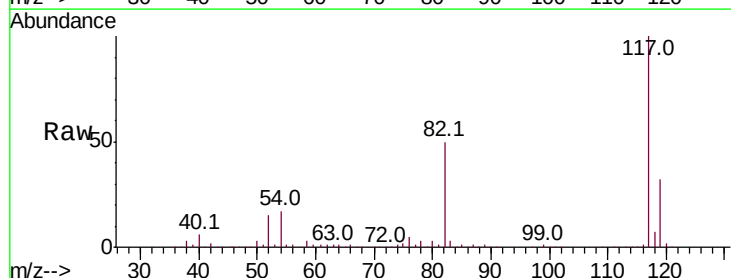
Tgt Ion: 117 Resp: 340548

Ion Ratio Lower Upper

117 100

82 49.9 49.2 73.8

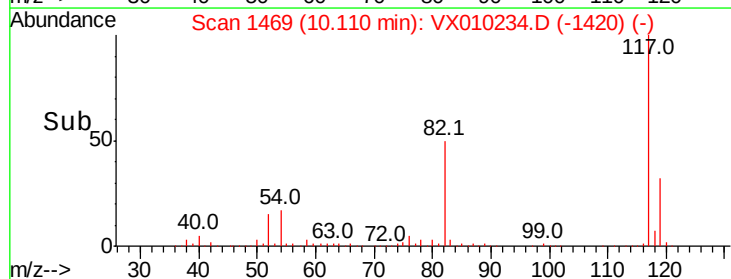
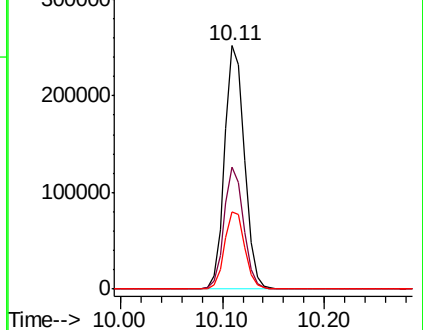
119 31.9 25.2 37.8

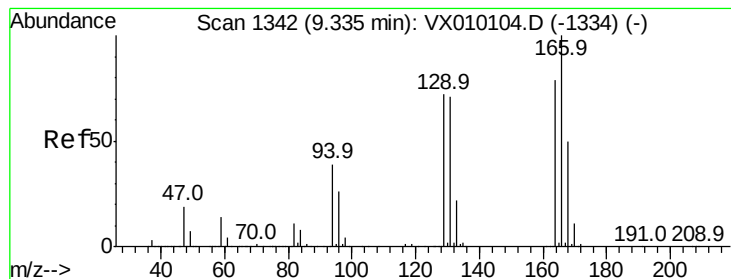


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

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: 2.717 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010234.D

Acq: 11 Jun 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20190606DL

Tot Ion:164 Resp: 6871

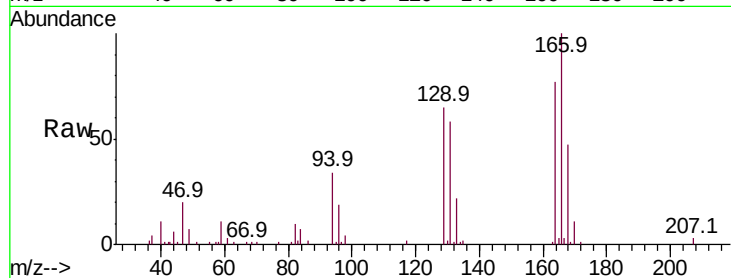
Ion Ratio Lower Upper

164 100

166 130.0 105.0 157.4

129 84.1 75.1 112.7

131 75.0 72.2 108.4

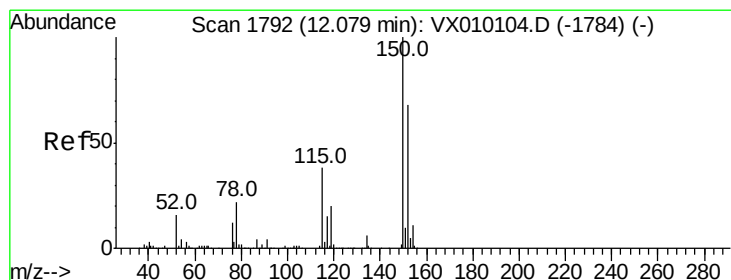
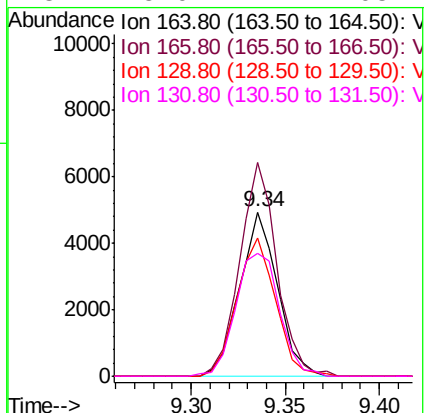
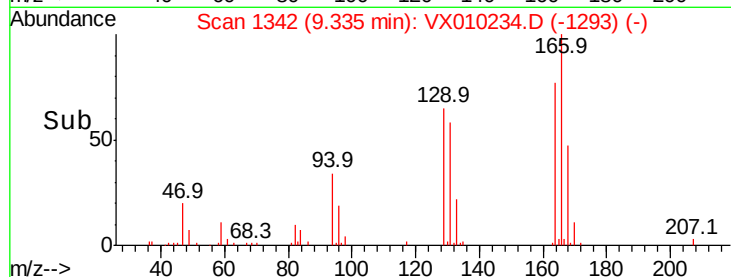


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX010234.D

Acq: 11 Jun 2019 15:52

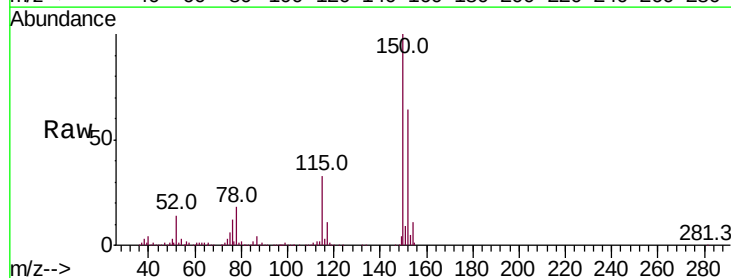
Tgt Ion:152 Resp: 159910

Ion Ratio Lower Upper

152 100

115 52.6 41.4 124.2

150 156.0 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

