

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013185.D
 Acq On : 20 Sep 2019 16:41
 Operator : SY/VA
 Sample : K4888-02
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 980-B-1-(24)

Quant Time: Sep 20 17:06:20 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

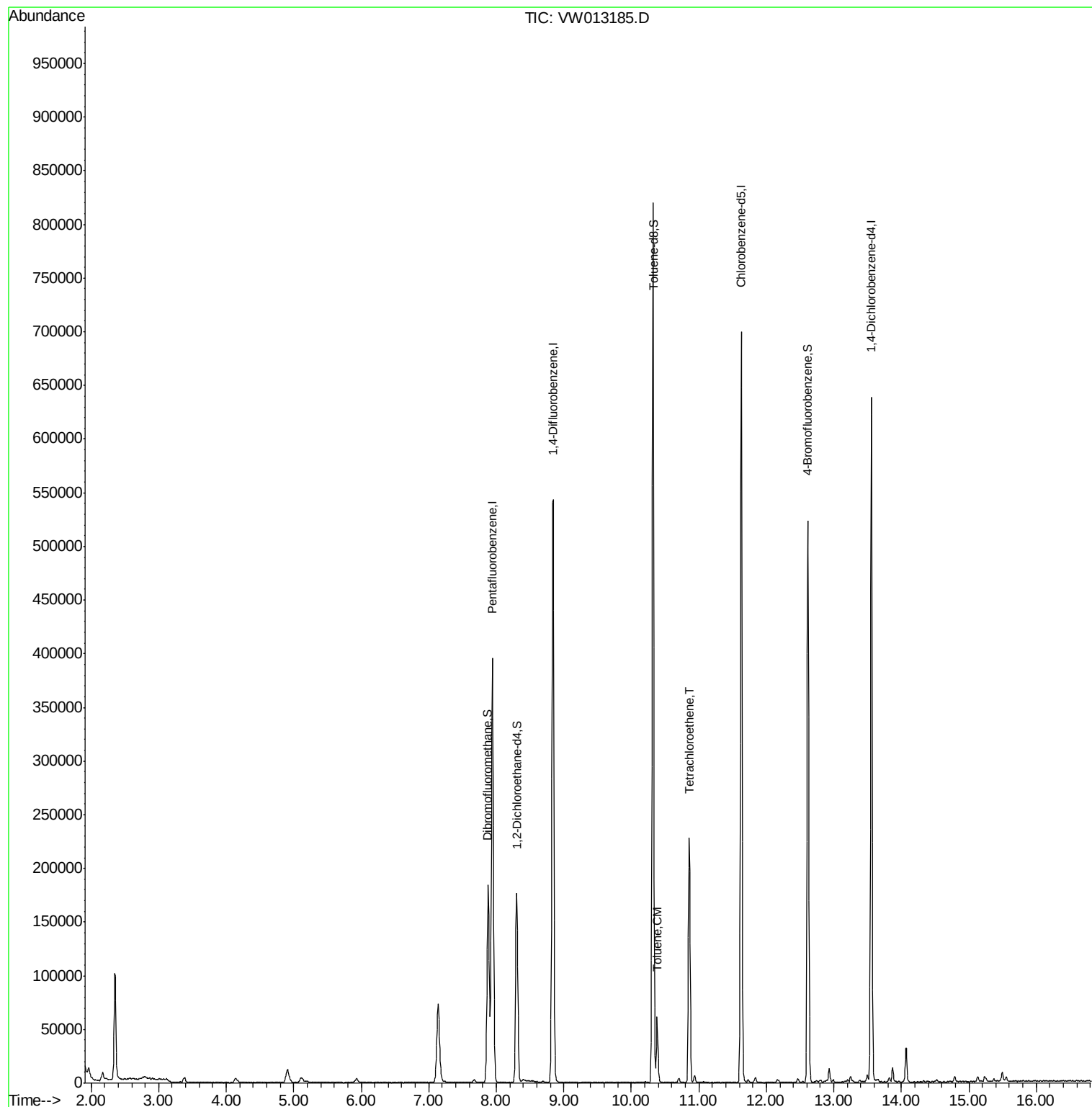
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	326806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	489313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	405726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135578	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	7.88	113	135242	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.32	98	559636	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.62	95	174836	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
52) Toluene	10.38	92	26612	3.141	ug/l	99
64) Tetrachloroethene	10.86	164	57569	18.701	ug/l	97

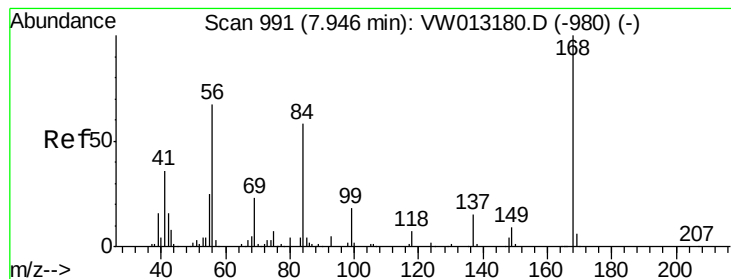
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013185.D

Acq: 20 Sep 2019 16:41

Instrument :

MSVOA_W

ClientSampleId :

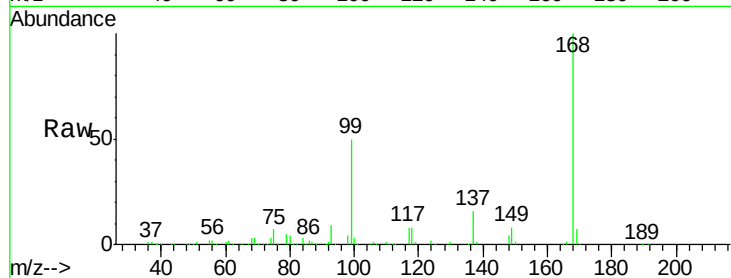
980-B-1-(24)

Tot Ion:168 Resp: 326806

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

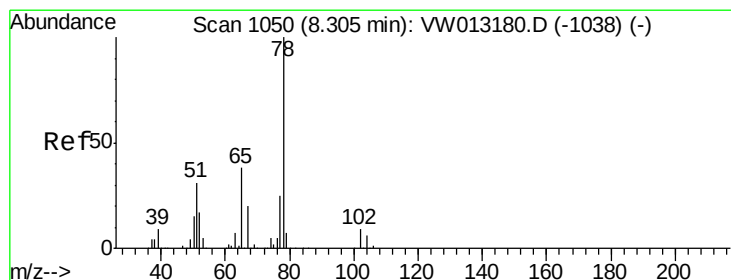
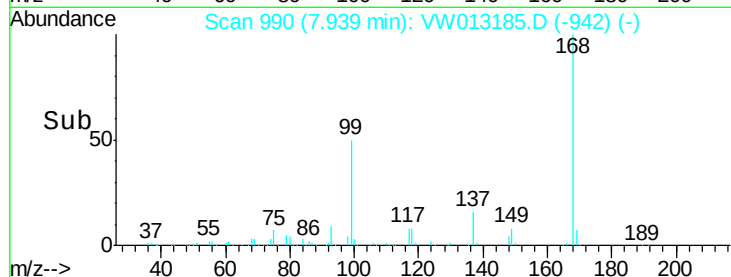
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.831 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013185.D

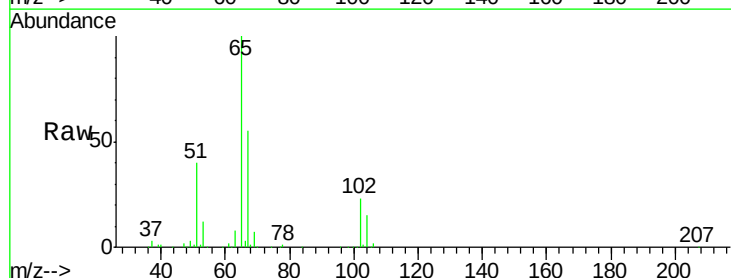
Acq: 20 Sep 2019 16:41

Tgt Ion: 65 Resp: 135578

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

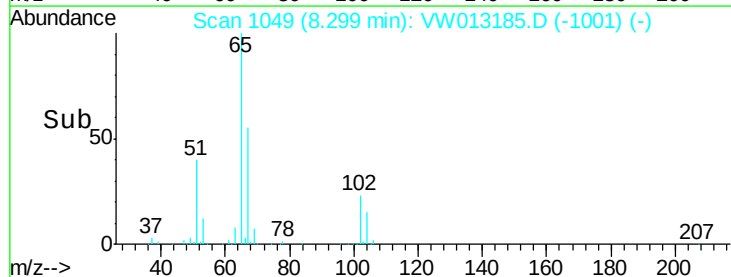
60000

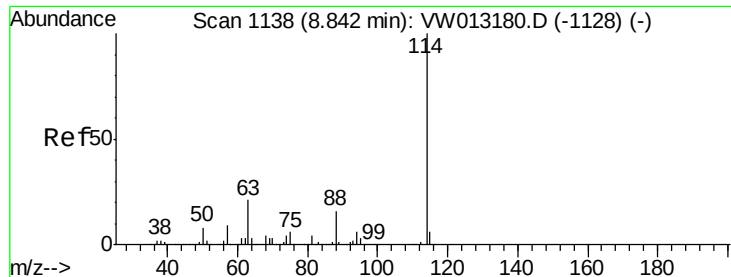
40000

20000

0

Time-->

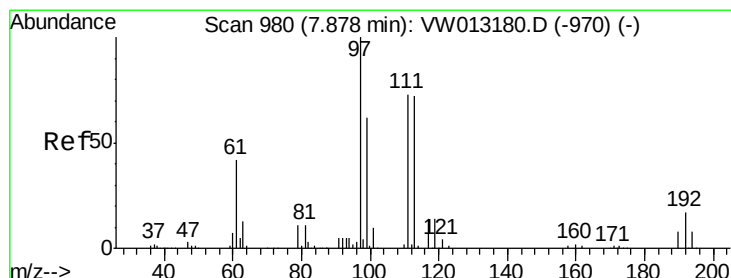
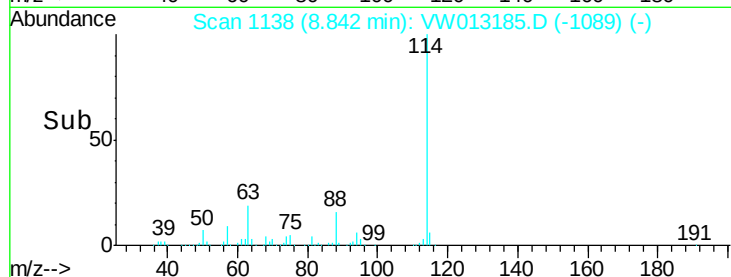
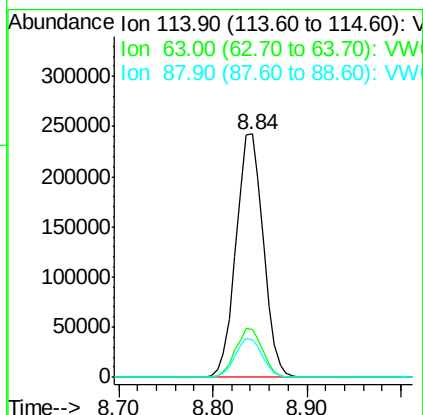
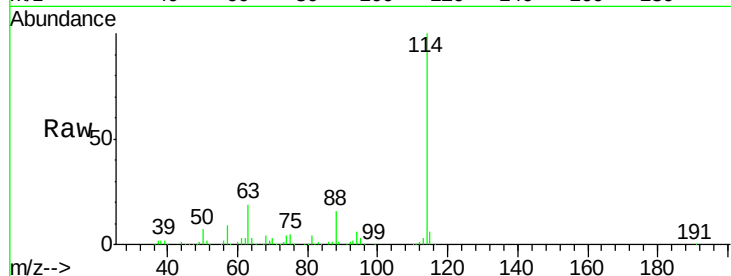




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013185.D
 Acq: 20 Sep 2019 16:41

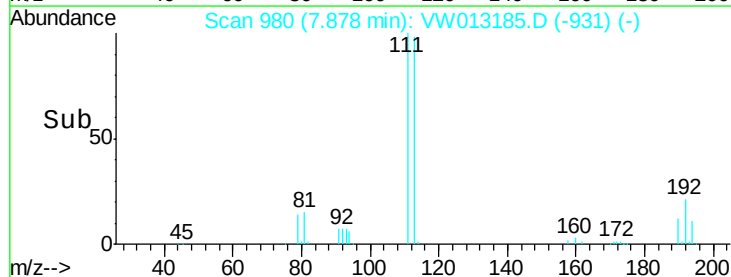
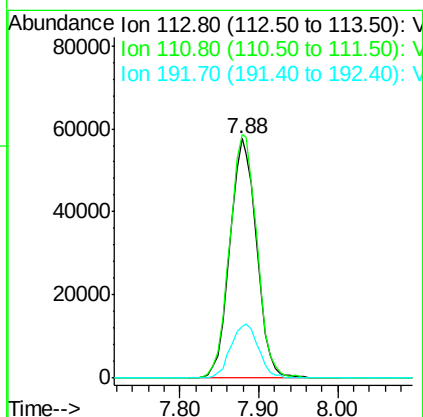
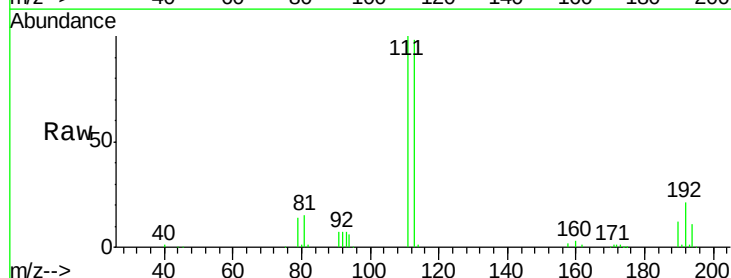
Instrument :
 MSVOA_W
 ClientSampleId :
 980-B-1-(24)

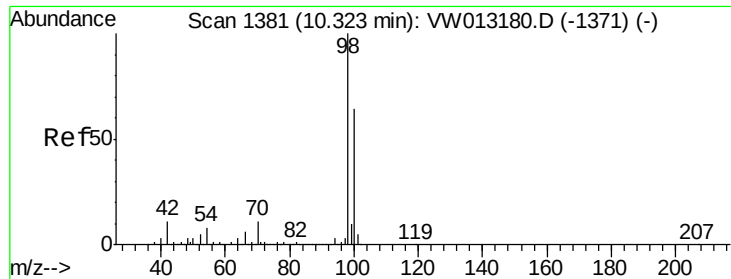
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.4
88	15.6	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.253 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013185.D
 Acq: 20 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	23.4	19.1	28.7





#50

Toluene-d8

Concen: 49.688 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013185.D

Acq: 20 Sep 2019 16:41

Instrument :

MSVOA_W

ClientSampleId :

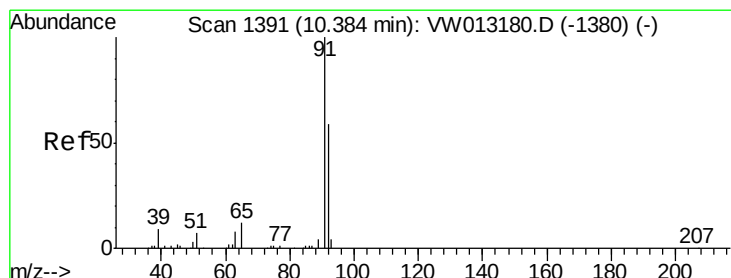
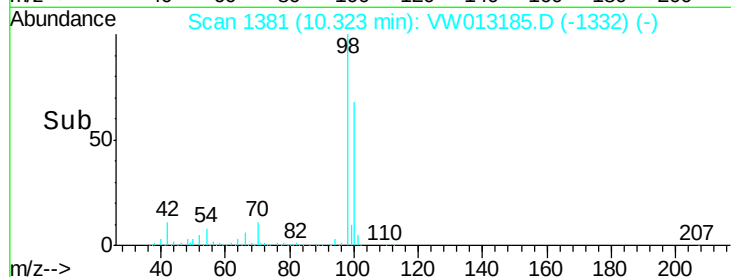
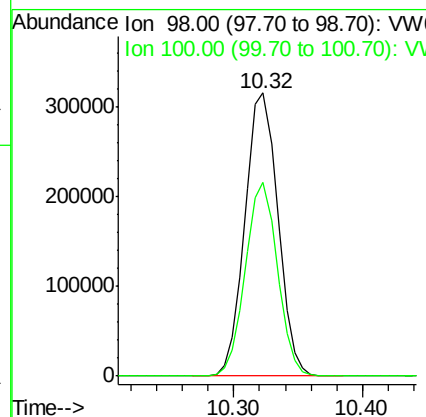
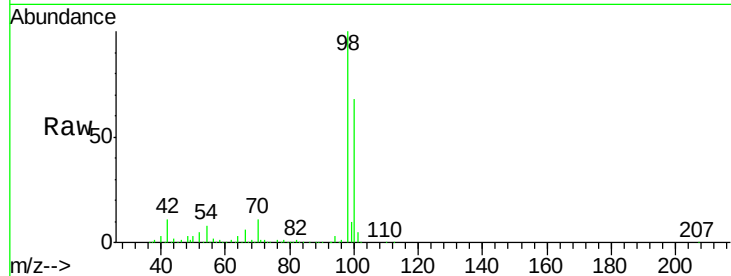
980-B-1-(24)

Tot Ion: 98 Resp: 559636

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#52

Toluene

Concen: 3.141 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013185.D

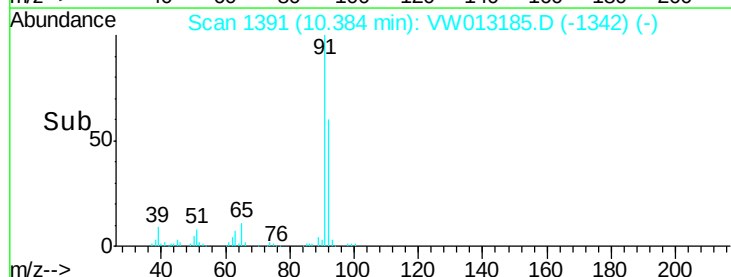
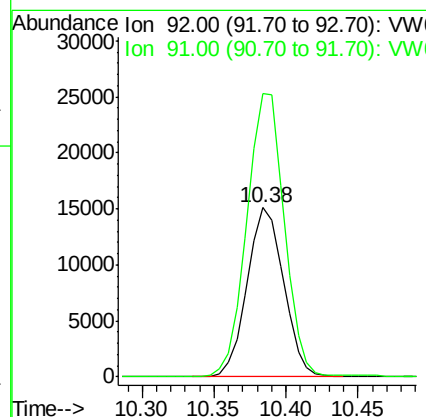
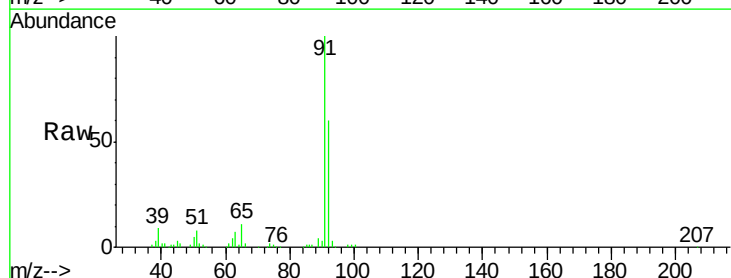
Acq: 20 Sep 2019 16:41

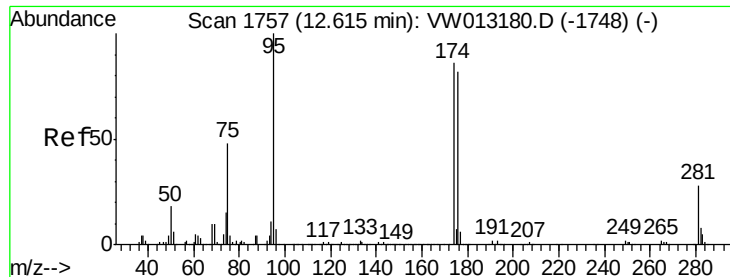
Tgt Ion: 92 Resp: 26612

Ion Ratio Lower Upper

92 100

91 171.4 135.7 203.5





#62

4-Bromofluorobenzene

Concen: 45.443 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013185.D

Acq: 20 Sep 2019 16:41

Instrument :

MSVOA_W

ClientSampleId :

980-B-1-(24)

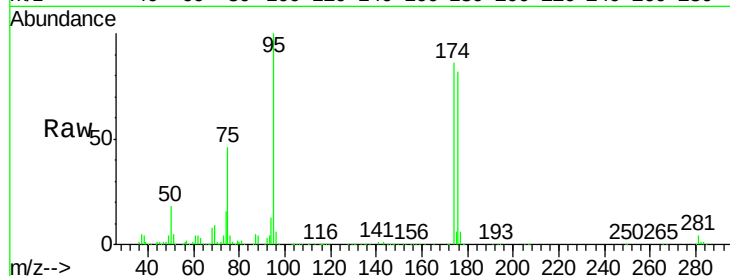
Tot Ion: 95 Resp: 174836

Ion Ratio Lower Upper

95 100

174 88.4 0.0 178.4

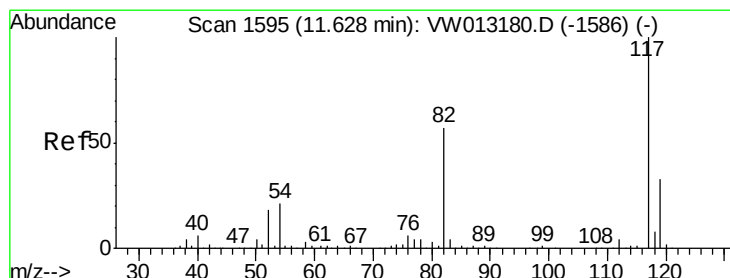
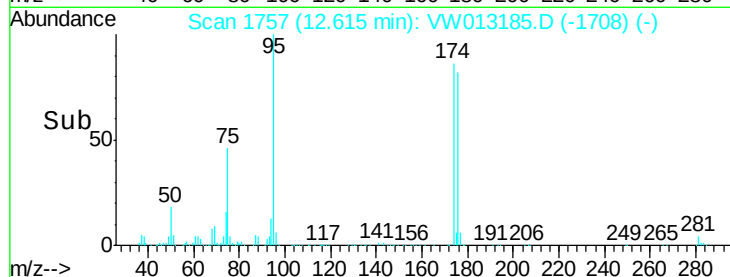
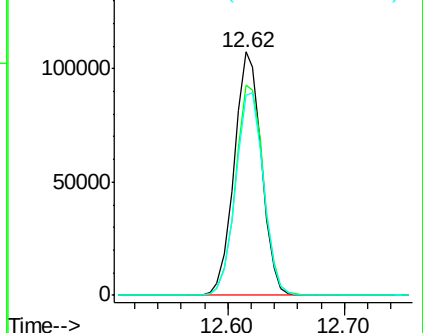
176 85.6 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013185.D

Acq: 20 Sep 2019 16:41

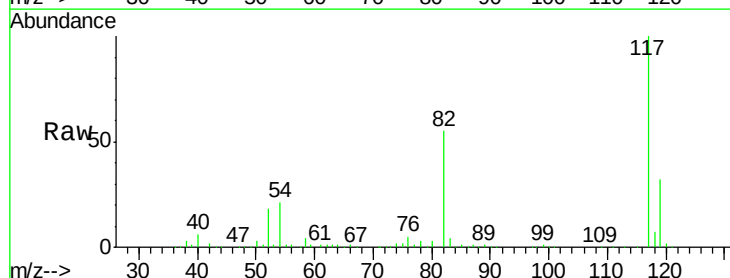
Tgt Ion: 117 Resp: 405726

Ion Ratio Lower Upper

117 100

82 55.1 45.9 68.9

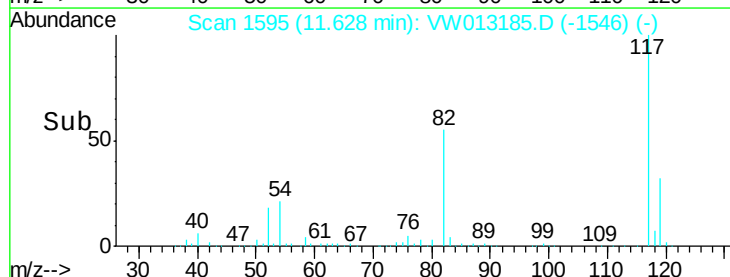
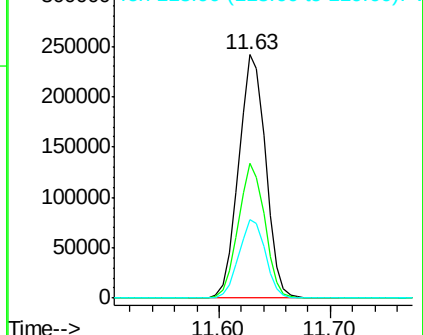
119 32.1 26.2 39.2

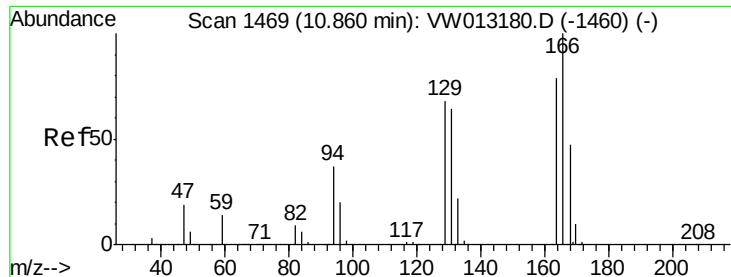


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 18.701 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013185.D

Acq: 20 Sep 2019 16:41

Instrument :

MSVOA_W

ClientSampleId :

980-B-1-(24)

Tot Ion:164 Resp: 57569

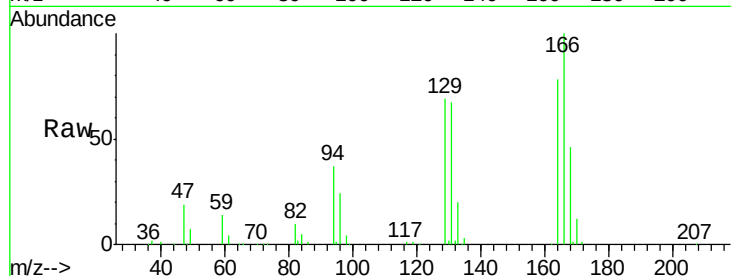
Ion Ratio Lower Upper

164 100

166 128.4 101.2 151.8

129 88.7 68.8 103.2

131 85.6 65.2 97.8

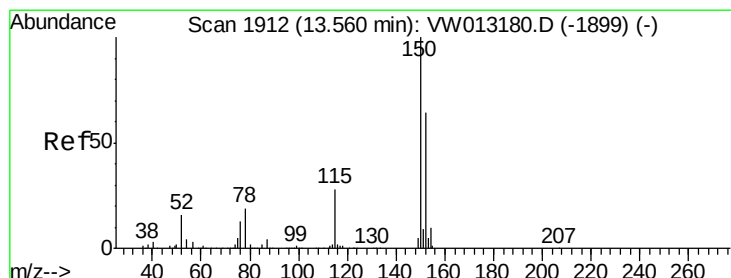
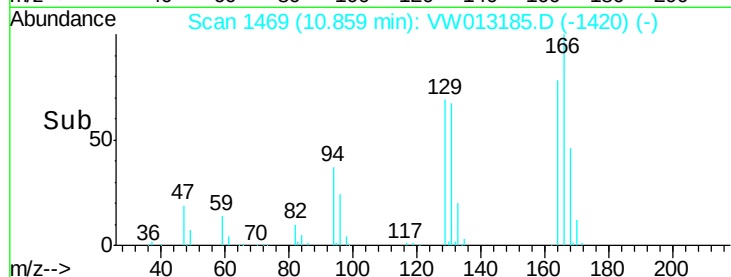
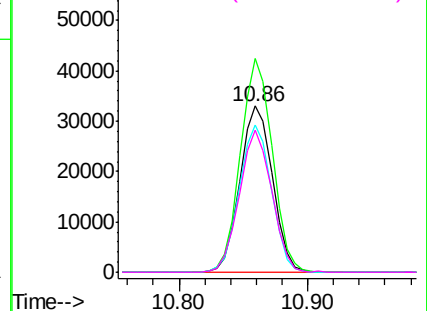


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013185.D

Acq: 20 Sep 2019 16:41

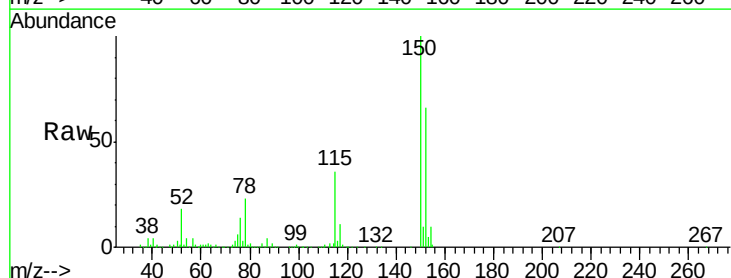
Tgt Ion:152 Resp: 178647

Ion Ratio Lower Upper

152 100

115 55.8 27.3 81.9

150 156.7 0.0 349.0



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

