

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013213.D
 Acq On : 21 Sep 2019 05:14
 Operator : SY/VA
 Sample : K4939-07
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 986-B-3-(24)

Quant Time: Sep 21 06:30:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

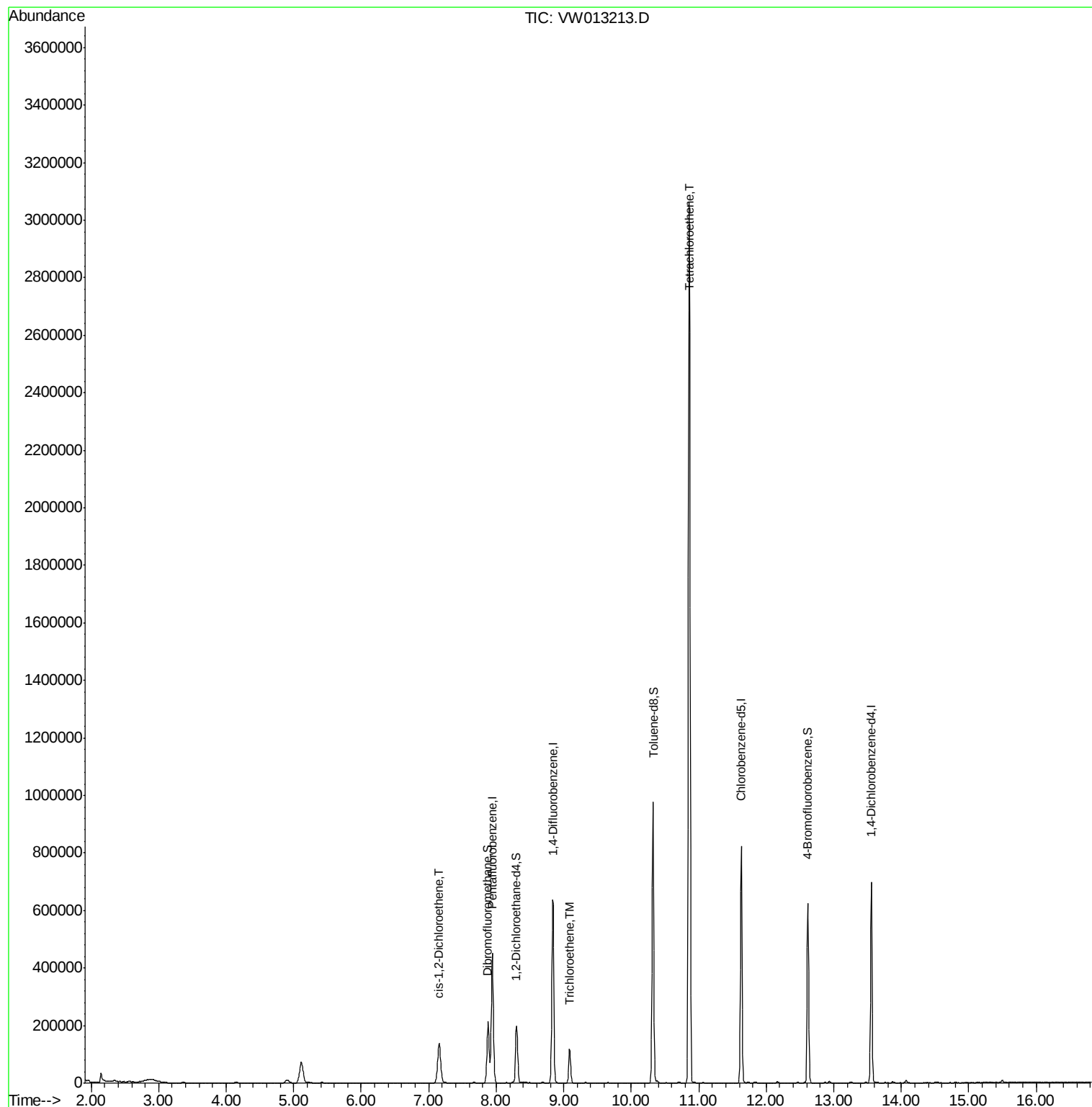
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	380306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	570217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	483950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	199808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	159120	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	7.88	113	156603	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.32	98	668937	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	206123	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.16	96	31285	7.761	ug/l	99
44) Trichloroethene	9.09	130	45349	10.492	ug/l	97
64) Tetrachloroethene	10.86	164	762456	207.646	ug/l	98

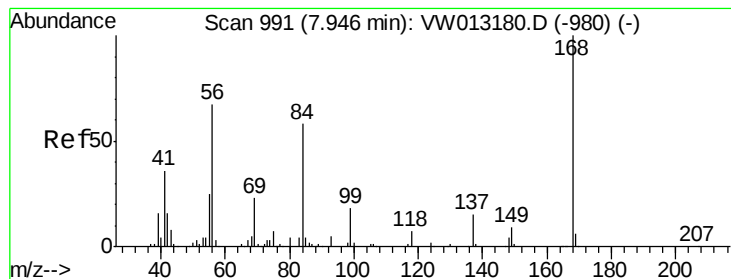
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013213.D

Acq: 21 Sep 2019 05:14

Instrument :

MSVOA_W

ClientSampled :

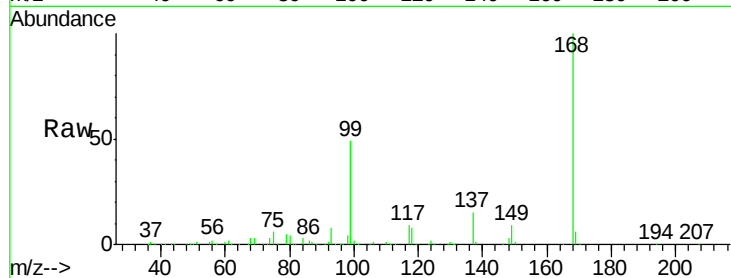
986-B-3-(24)

Tot Ion:168 Resp: 380306

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

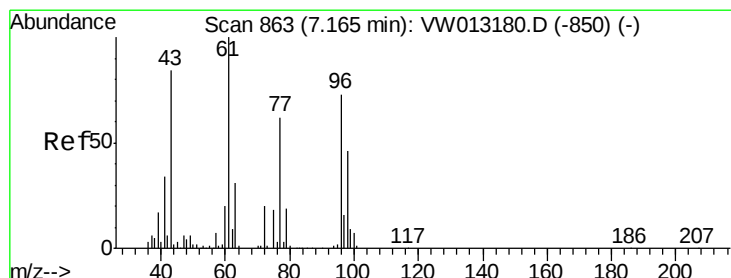
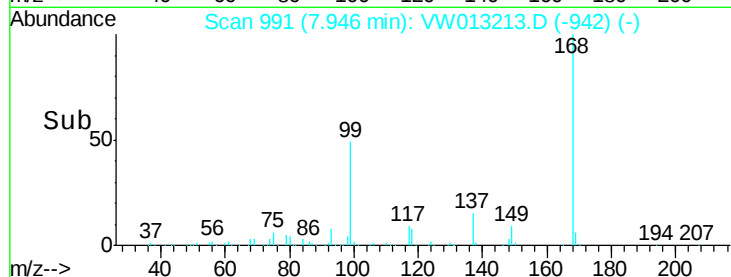
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 7.761 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013213.D

Acq: 21 Sep 2019 05:14

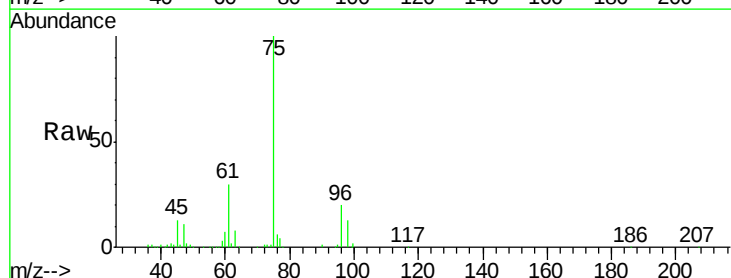
Tgt Ion: 96 Resp: 31285

Ion Ratio Lower Upper

96 100

61 141.9 0.0 282.4

98 65.0 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

7.16

20000

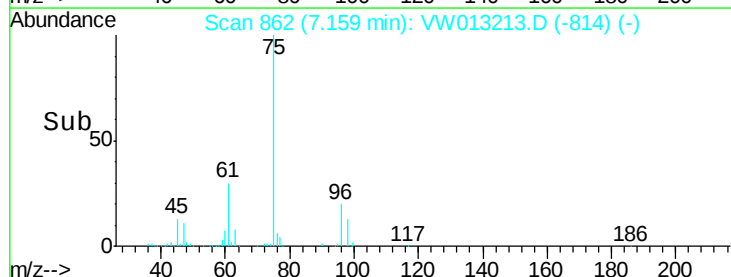
15000

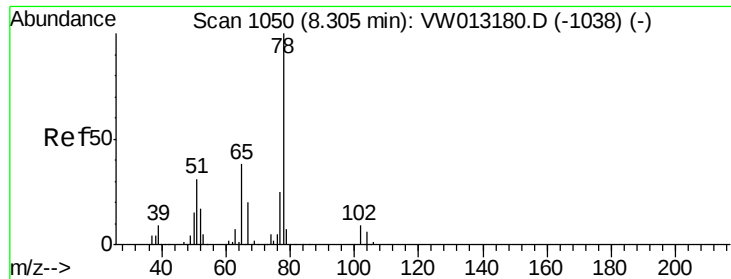
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.265 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013213.D

Acq: 21 Sep 2019 05:14

Instrument :

MSVOA_W

ClientSampleId :

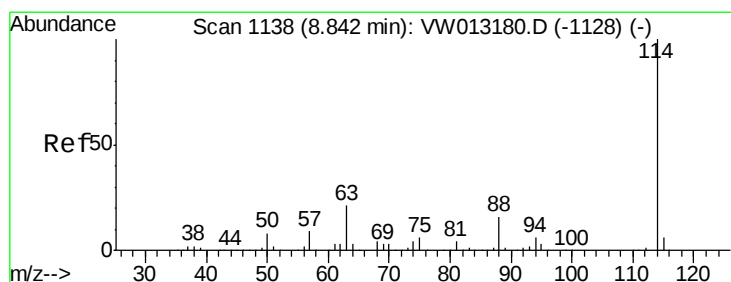
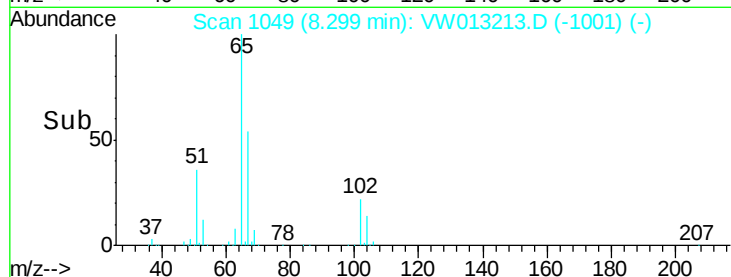
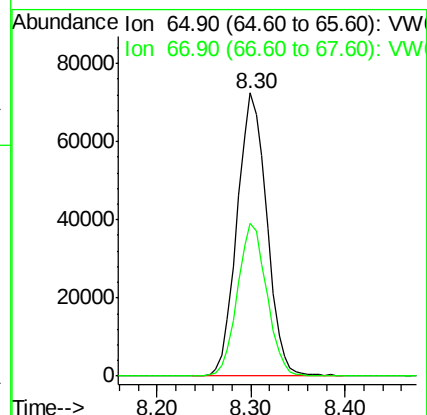
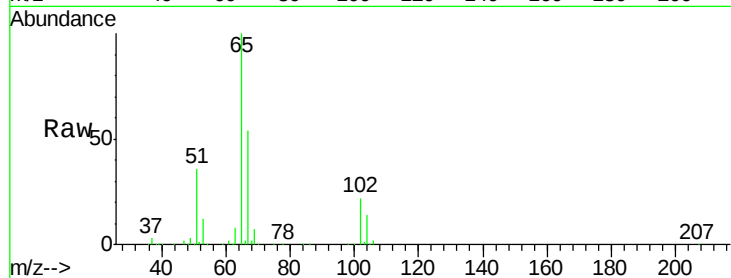
986-B-3-(24)

Tot Ion: 65 Resp: 159120

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013213.D

Acq: 21 Sep 2019 05:14

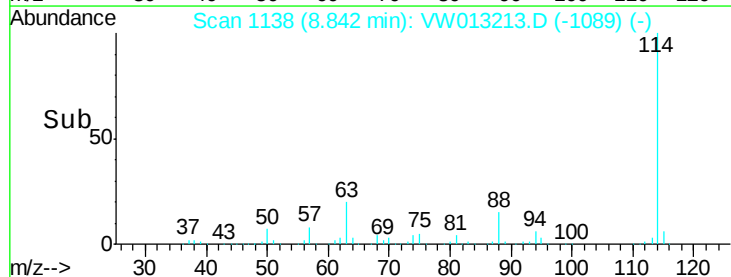
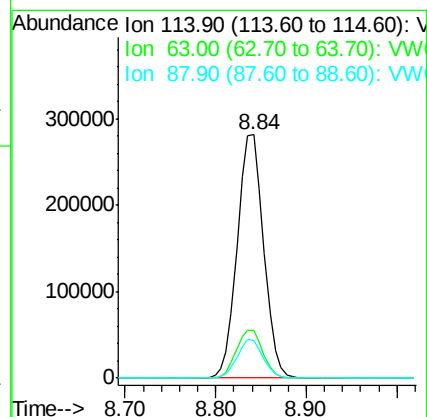
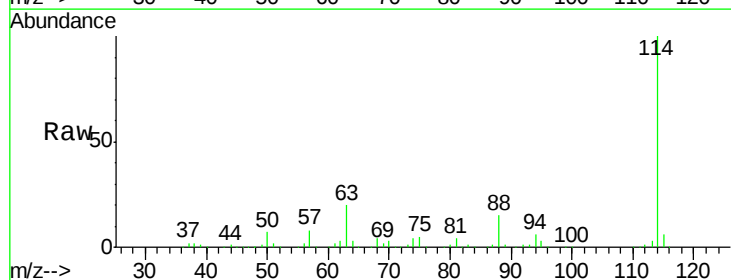
Tgt Ion: 114 Resp: 570217

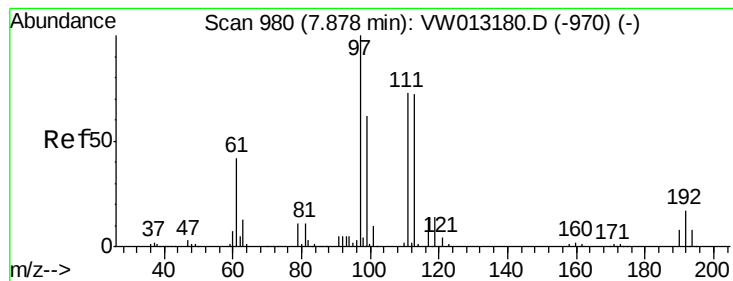
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.934 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013213.D

Acq: 21 Sep 2019 05:14

Instrument :

MSVOA_W

ClientSampleId :

986-B-3-(24)

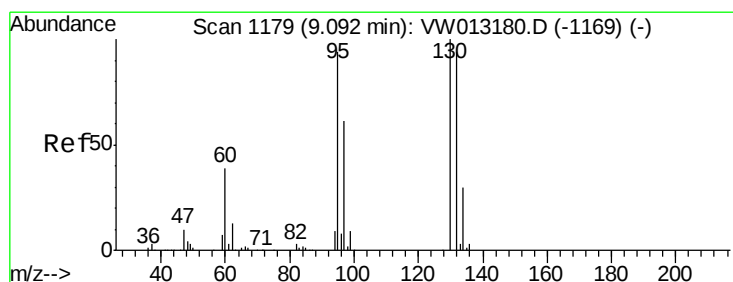
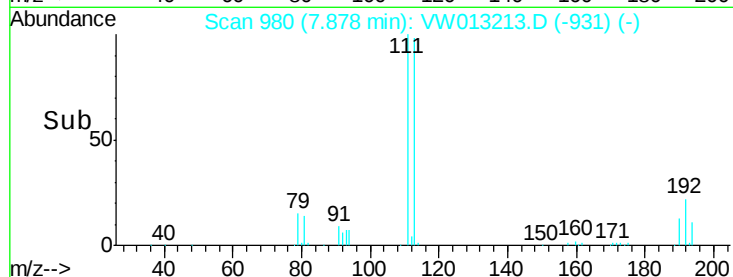
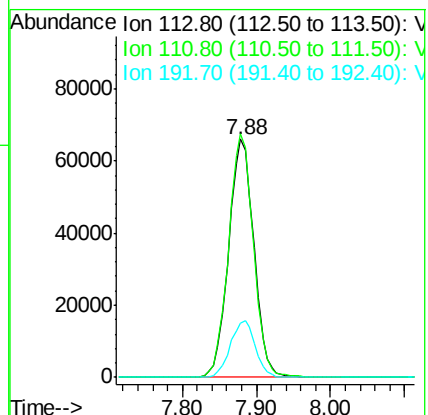
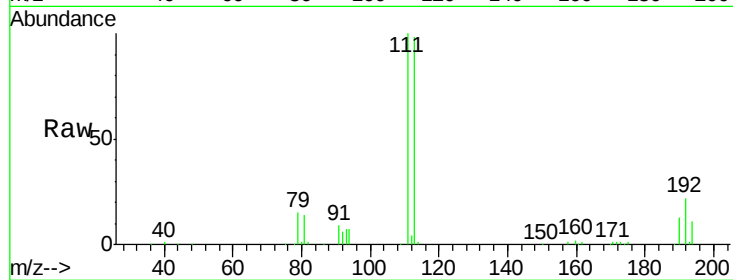
Tot Ion:113 Resp: 156603

Ion Ratio Lower Upper

113 100

111 100.8 81.9 122.9

192 23.6 19.1 28.7



#44

Trichloroethene

Concen: 10.492 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW013213.D

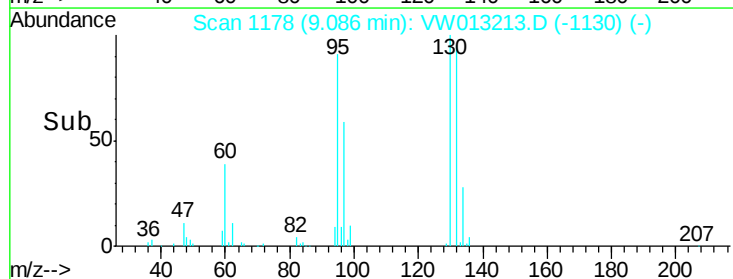
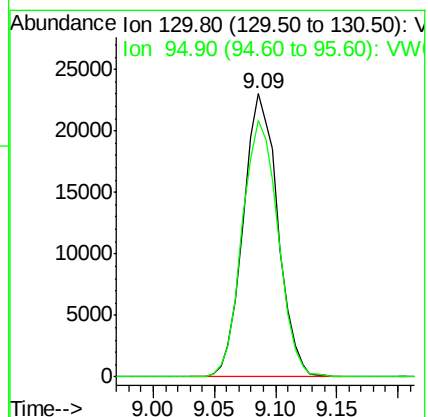
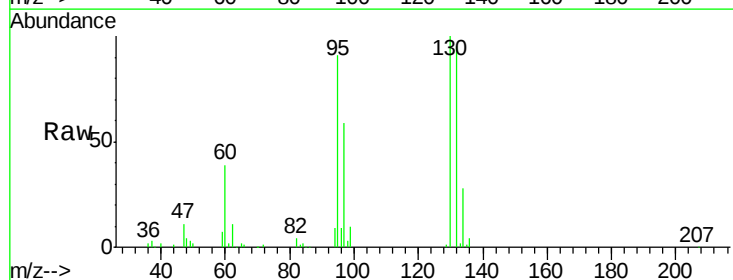
Acq: 21 Sep 2019 05:14

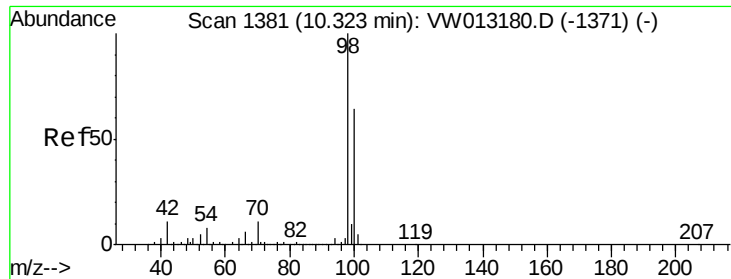
Tgt Ion:130 Resp: 45349

Ion Ratio Lower Upper

130 100

95 90.8 0.0 188.0





#50

Toluene-d8

Concen: 50.965 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013213.D

Acq: 21 Sep 2019 05:14

Instrument :

MSVOA_W

ClientSampleId :

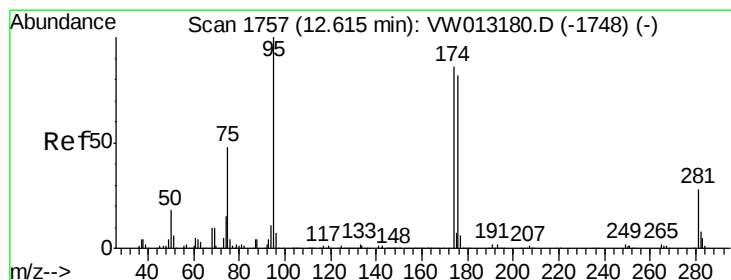
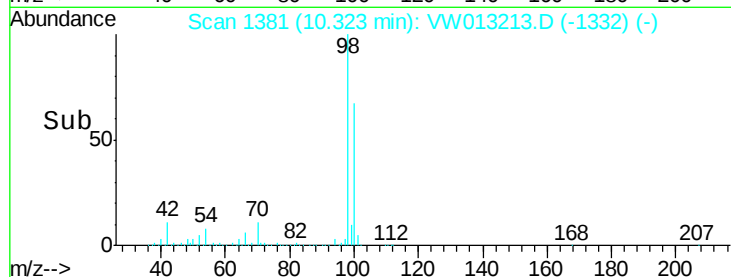
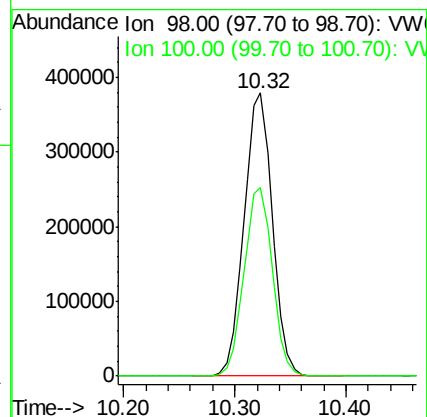
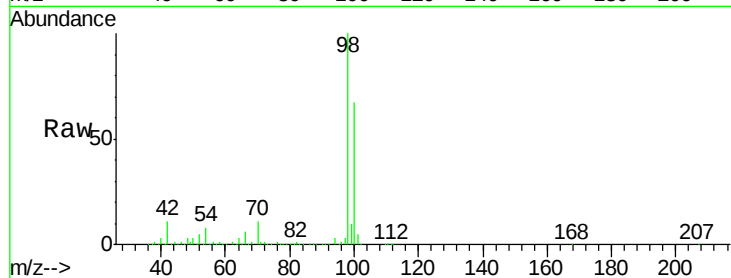
986-B-3-(24)

Tot Ion: 98 Resp: 668937

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.974 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013213.D

Acq: 21 Sep 2019 05:14

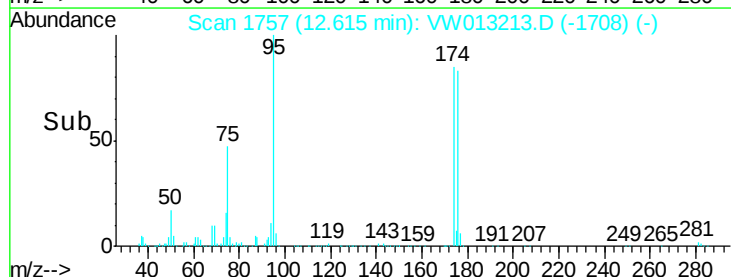
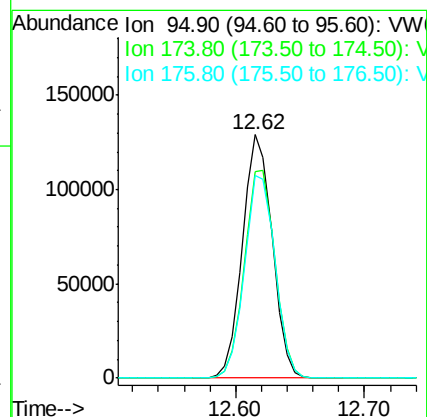
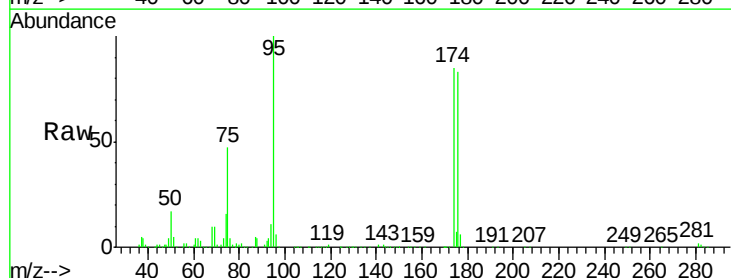
Tgt Ion: 95 Resp: 206123

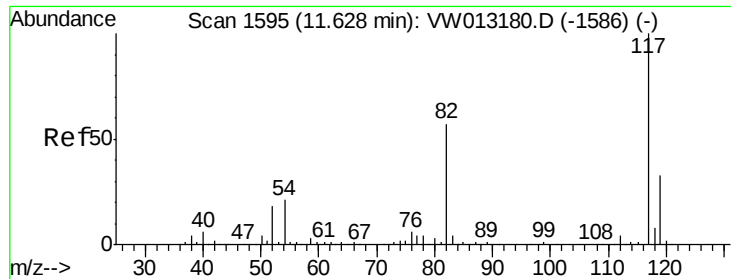
Ion Ratio Lower Upper

95 100

174 87.8 0.0 178.4

176 85.6 0.0 172.2

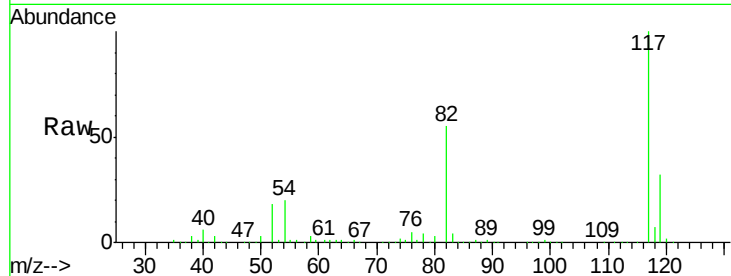




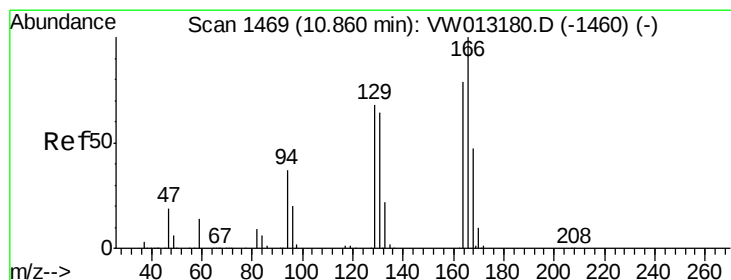
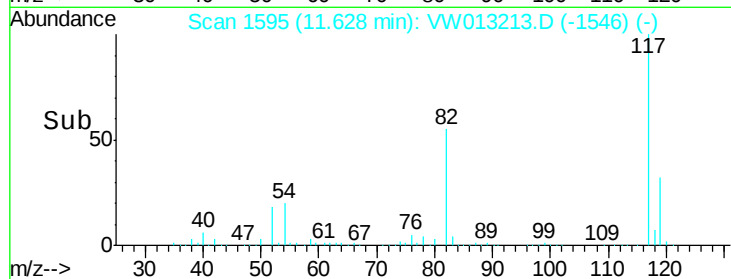
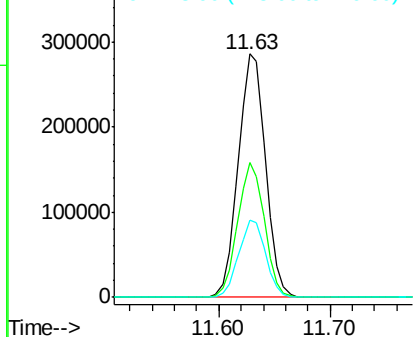
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013213.D
Acq: 21 Sep 2019 05:14

Instrument :
MSVOA_W
ClientSampleId :
986-B-3-(24)

Tot Ion:117 Resp: 483950
Ion Ratio Lower Upper
117 100
82 55.2 45.9 68.9
119 31.7 26.2 39.2



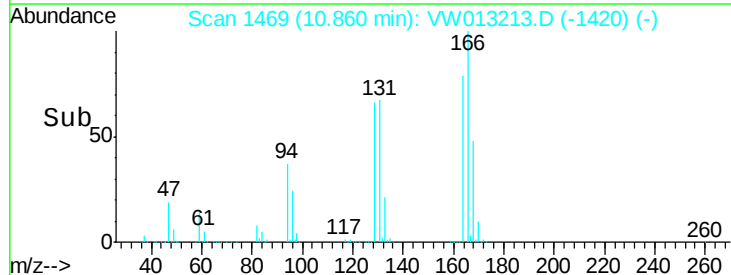
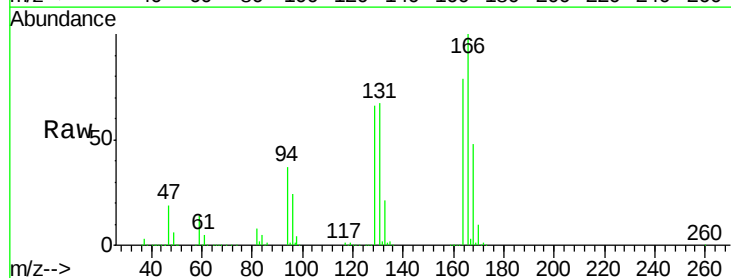
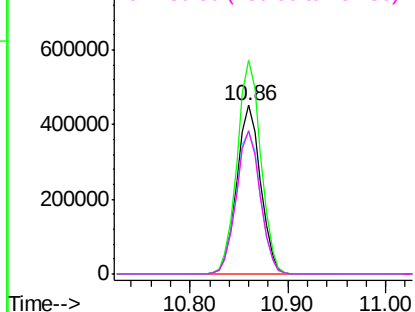
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

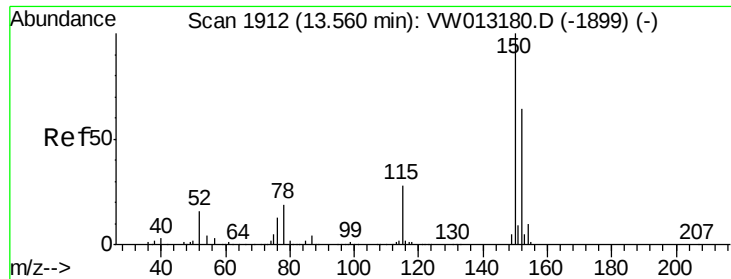


#64
Tetrachloroethene
Concen: 207.646 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013213.D
Acq: 21 Sep 2019 05:14

Tgt Ion:164 Resp: 762456
Ion Ratio Lower Upper
164 100
166 126.7 101.2 151.8
129 84.0 68.8 103.2
131 85.1 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: VW013213.D

Acq: 21 Sep 2019 05:14

Instrument :

MSVOA_W

ClientSampleId :

986-B-3-(24)

Tot Ion:152 Resp: 199808

Ion Ratio Lower Upper

152 100

115 54.9 27.3 81.9

150 157.0 0.0 349.0

