

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013211.D
 Acq On : 21 Sep 2019 04:22
 Operator : SY/VA
 Sample : K4939-05
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 984-S-4-(19)

Quant Time: Sep 21 06:24:22 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

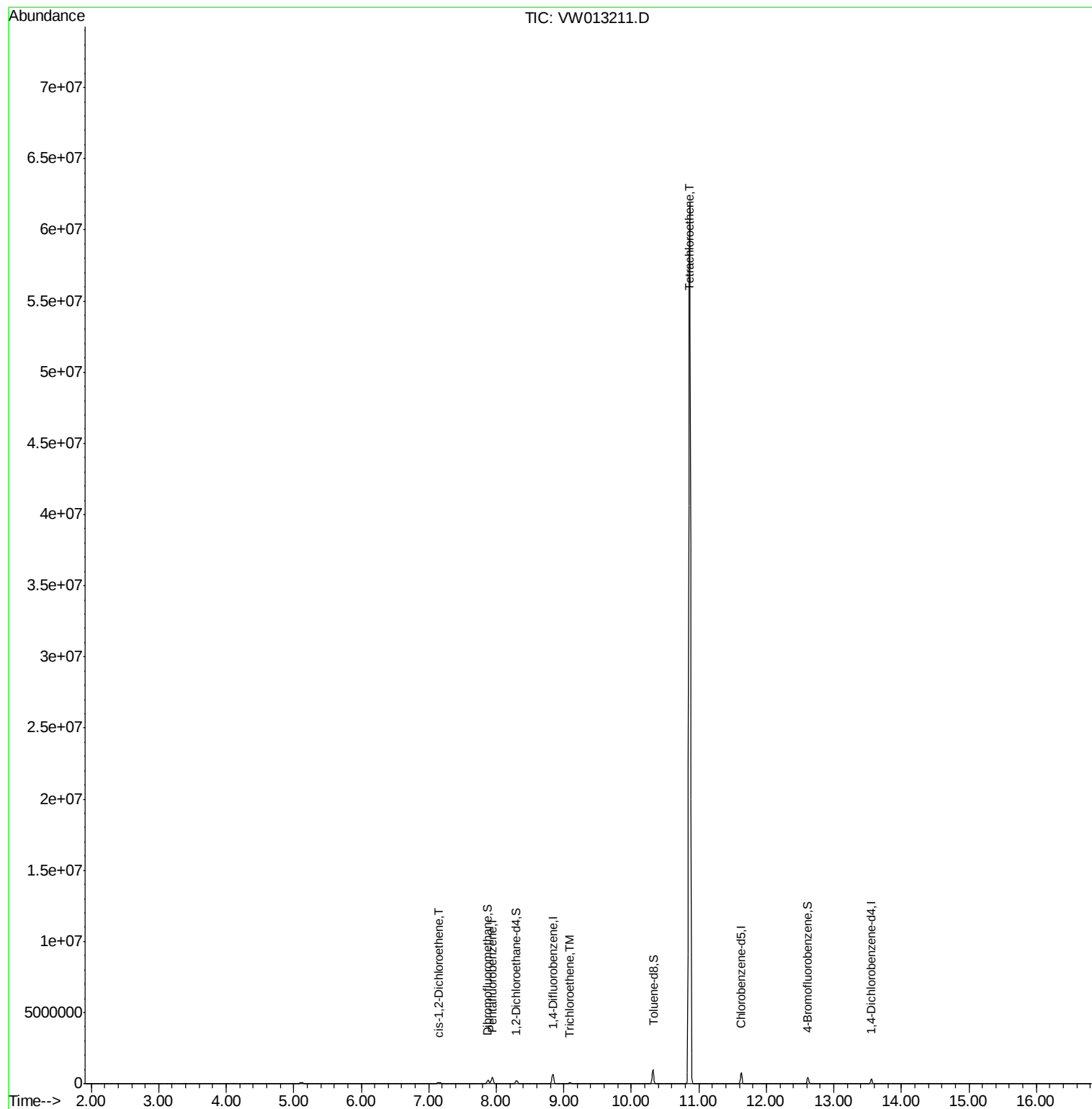
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	376633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	595334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	444455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	95656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171248	55.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.42%	
35) Dibromofluoromethane	7.88	113	169638	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
50) Toluene-d8	10.32	98	676493	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.62	95	149570	31.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.90%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.16	96	8163	2.045	ug/l	83
44) Trichloroethene	9.09	130	34025	7.540	ug/l	100
64) Tetrachloroethene	10.87	164	16167516	4794.302	ug/l #	85

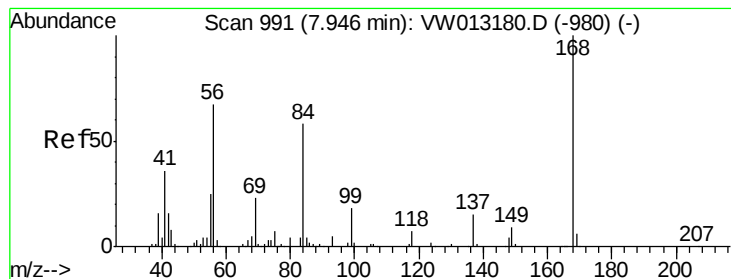
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013211.D

Acq: 21 Sep 2019 04:22

Instrument :

MSVOA_W

ClientSampled :

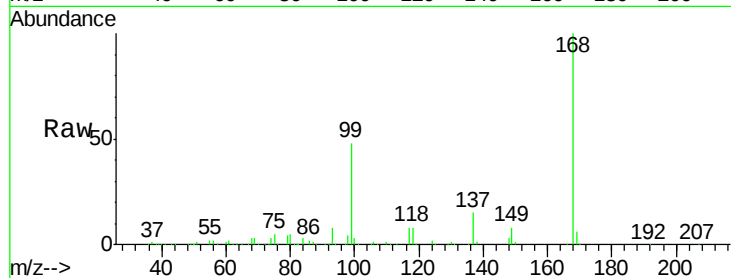
984-S-4-(19)

Tot Ion:168 Resp: 376633

Ion Ratio Lower Upper

168 100

99 47.9 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

200000

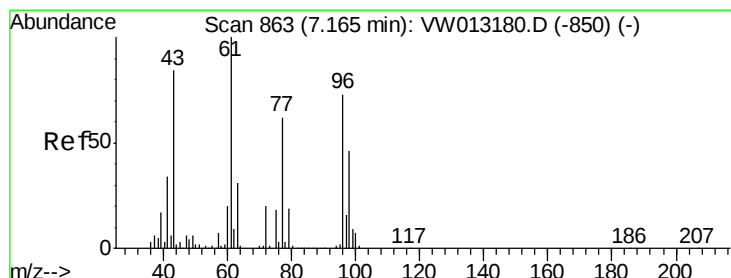
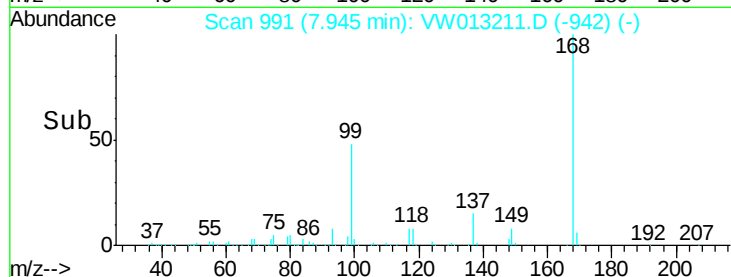
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#27

cis-1,2-Dichloroethene

Concen: 2.045 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013211.D

Acq: 21 Sep 2019 04:22

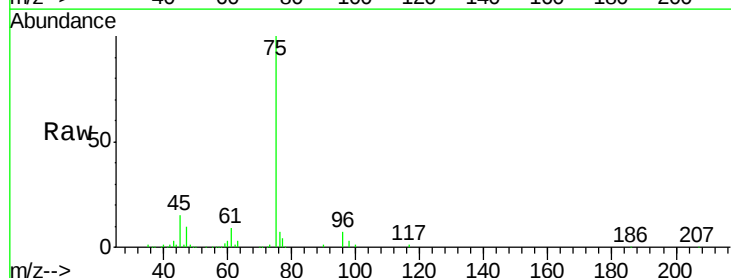
Tgt Ion: 96 Resp: 8163

Ion Ratio Lower Upper

96 100

61 167.5 0.0 282.4

98 58.2 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

6000

5000

4000

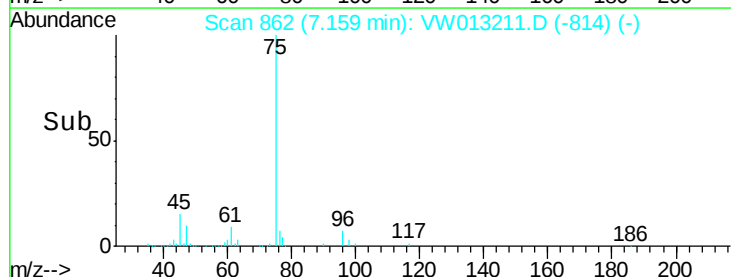
3000

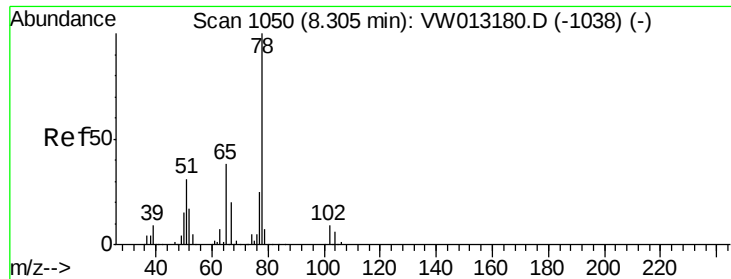
2000

1000

0

Time--> 7.05 7.10 7.15 7.20 7.25

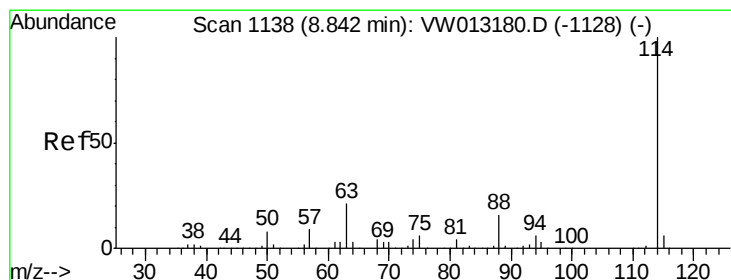
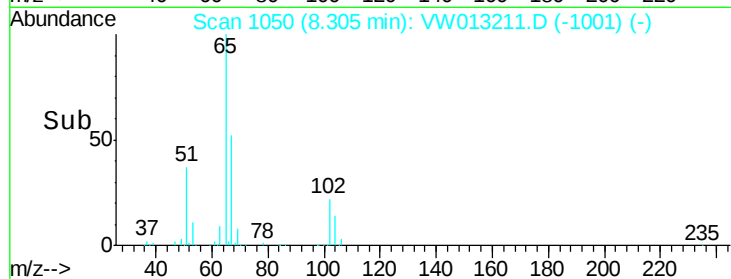
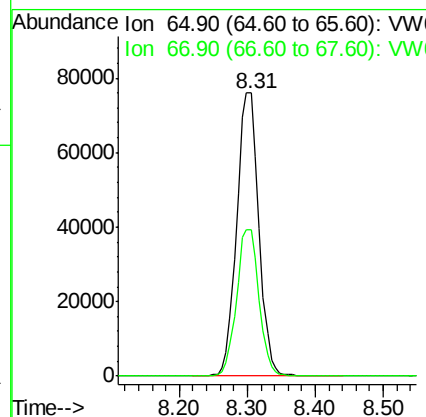
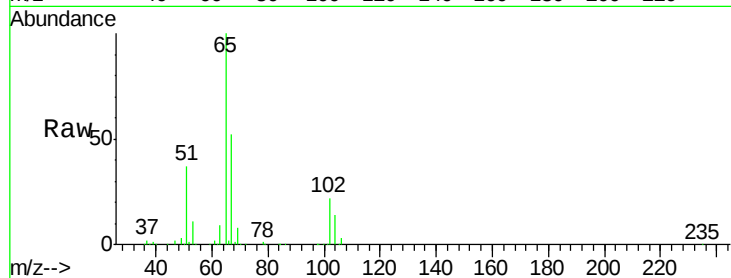




#33
 1,2-Dichloroethane-d4
 Concen: 55.711 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013211.D
 Acq: 21 Sep 2019 04:22

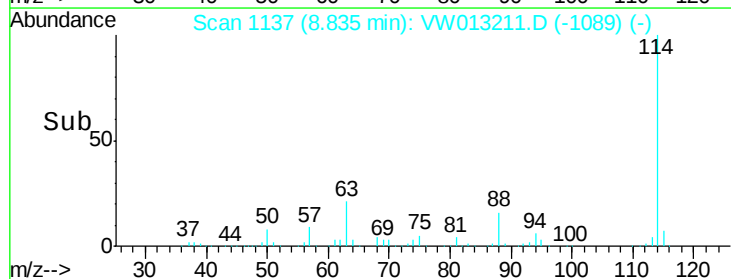
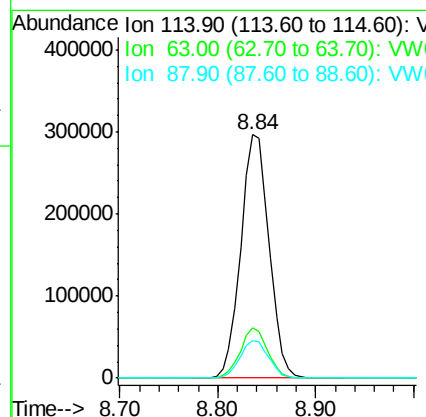
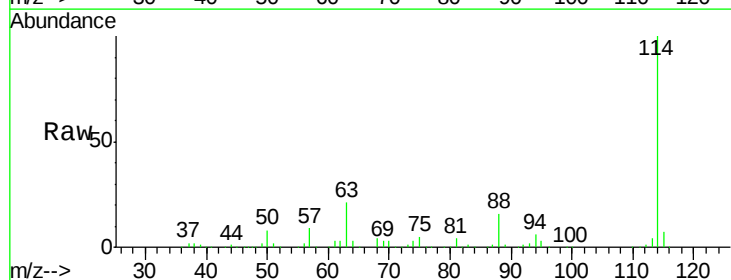
Instrument :
 MSVOA_W
 ClientSampleId :
 984-S-4-(19)

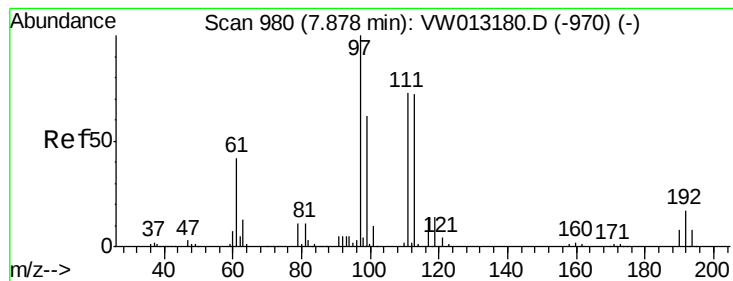
Tot Ion: 65 Resp: 171248
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013211.D
 Acq: 21 Sep 2019 04:22

Tgt Ion: 114 Resp: 595334
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.808 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013211.D

Acq: 21 Sep 2019 04:22

Instrument :

MSVOA_W

ClientSampleId :

984-S-4-(19)

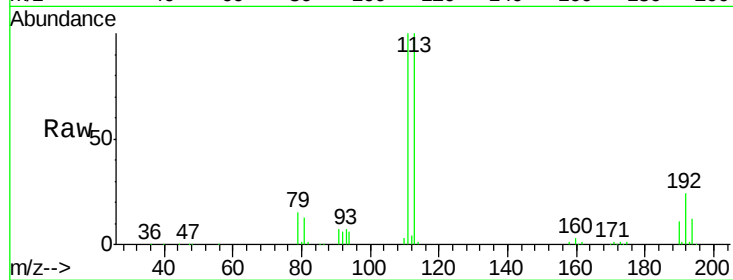
Tot Ion:113 Resp: 169638

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

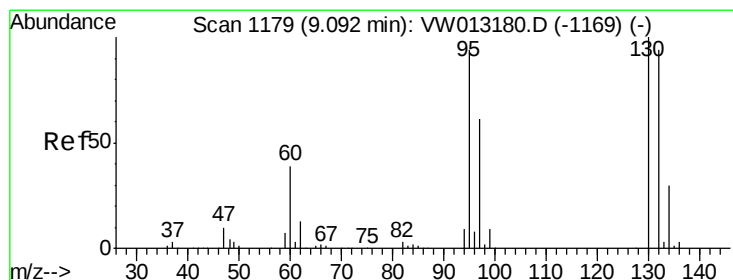
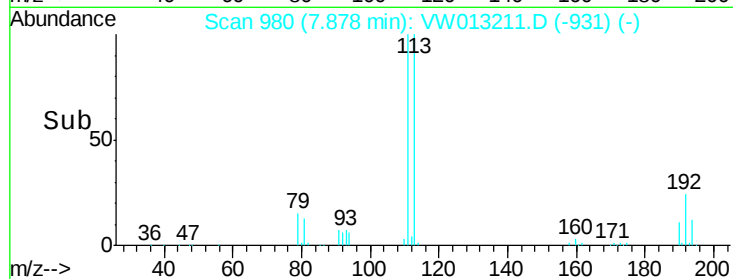
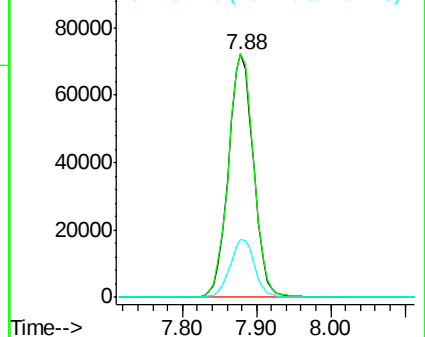
192 23.5 19.1 28.7



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: 7.540 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW013211.D

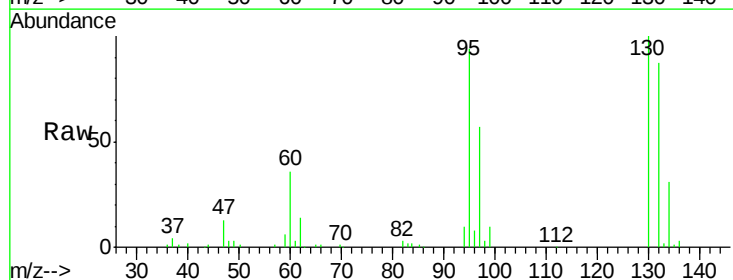
Acq: 21 Sep 2019 04:22

Tgt Ion:130 Resp: 34025

Ion Ratio Lower Upper

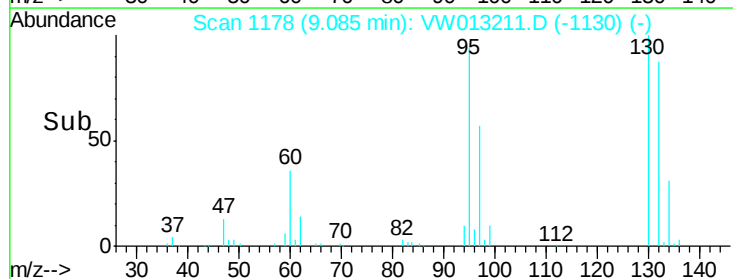
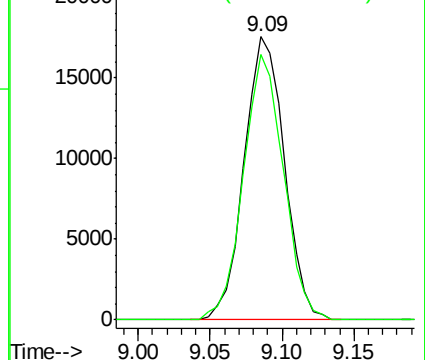
130 100

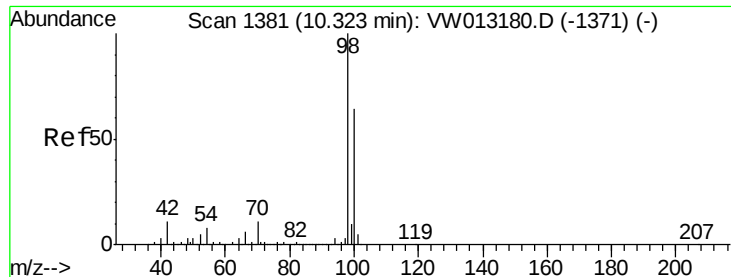
95 93.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.366 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013211.D

Acq: 21 Sep 2019 04:22

Instrument :

MSVOA_W

ClientSampleId :

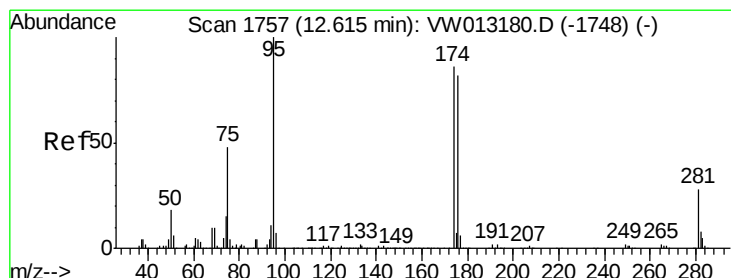
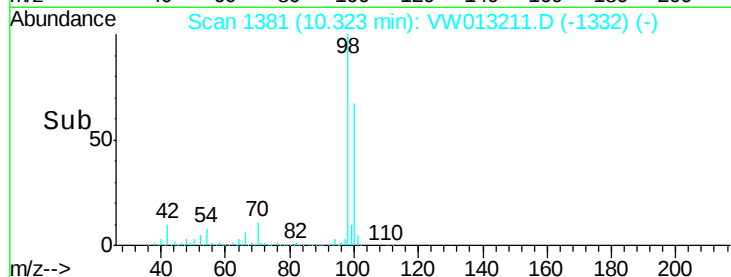
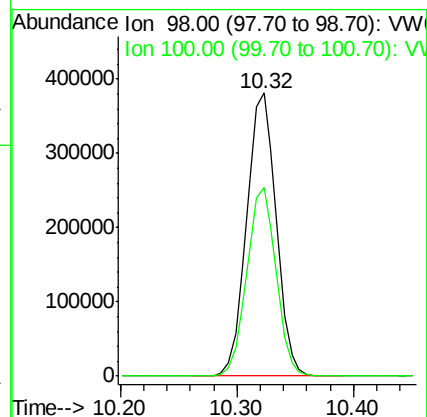
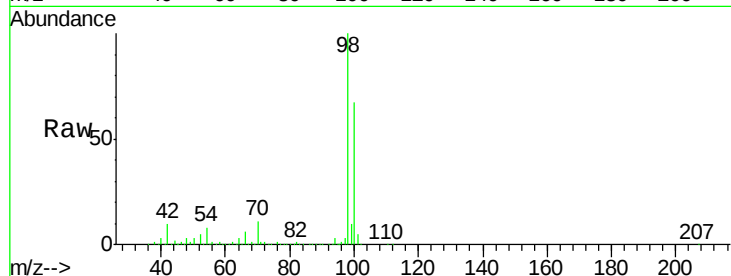
984-S-4-(19)

Tot Ion: 98 Resp: 676493

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 31.953 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013211.D

Acq: 21 Sep 2019 04:22

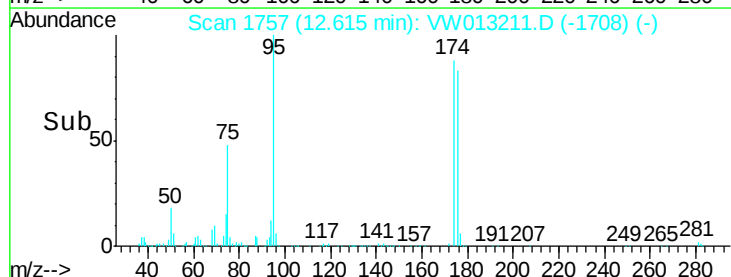
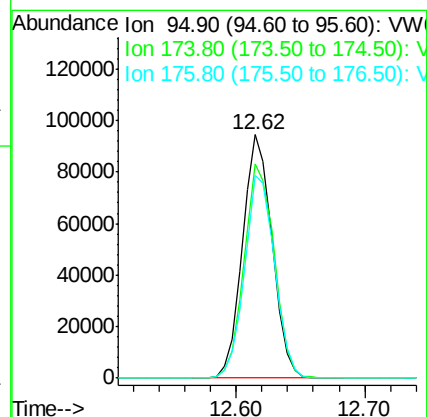
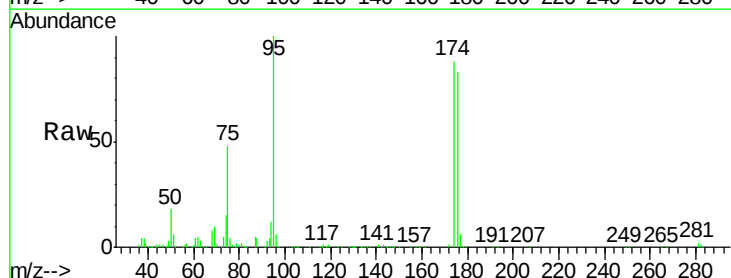
Tgt Ion: 95 Resp: 149570

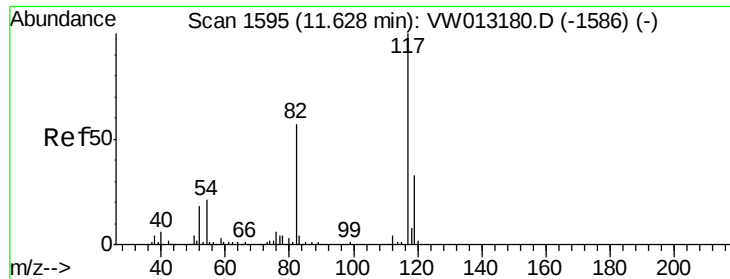
Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.4

176 84.5 0.0 172.2

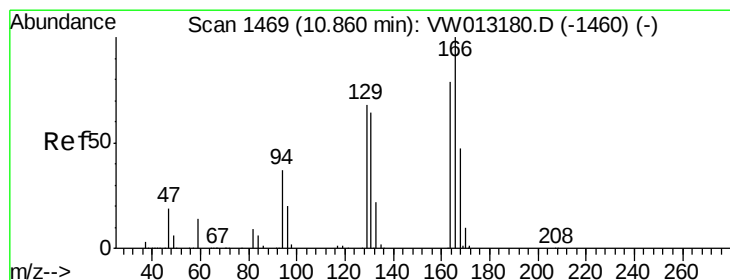
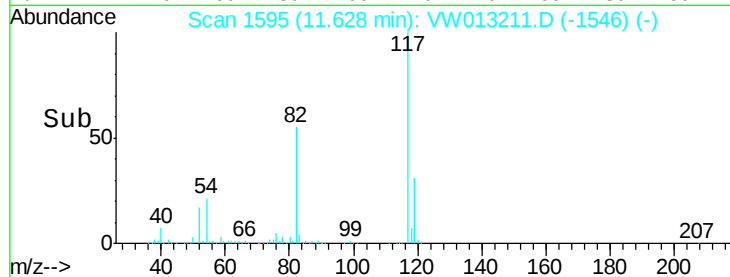
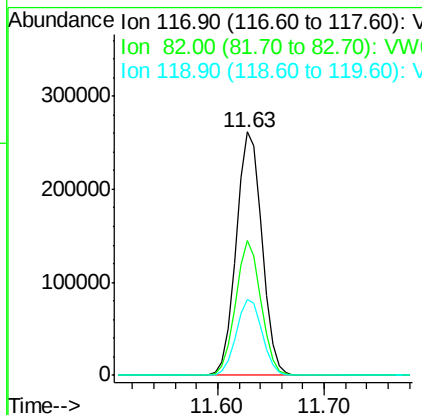
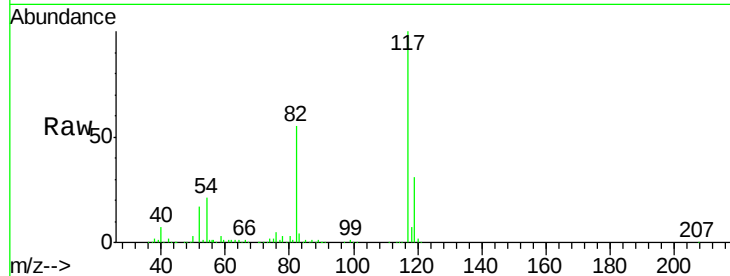




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013211.D
Acq: 21 Sep 2019 04:22

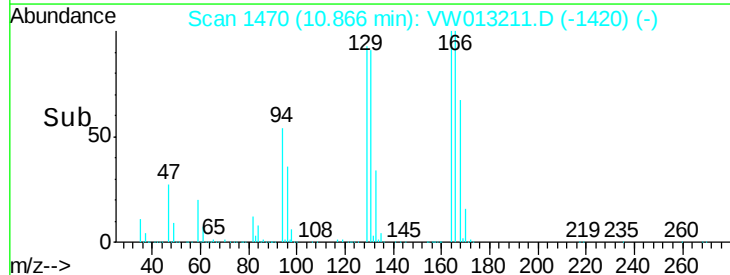
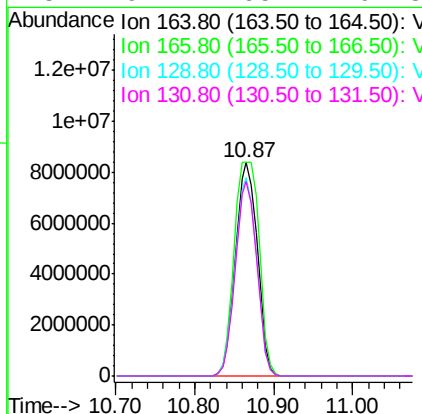
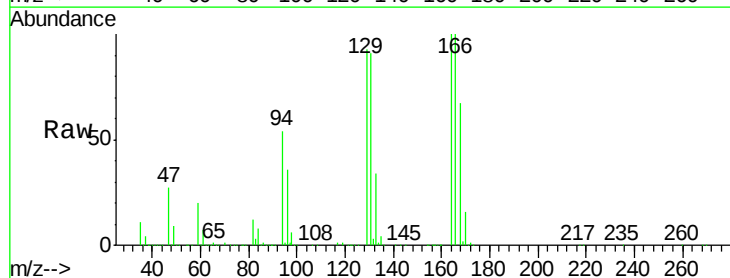
Instrument :
MSVOA_W
ClientSampleId :
984-S-4-(19)

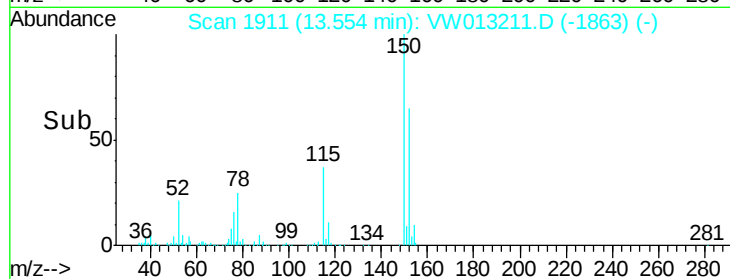
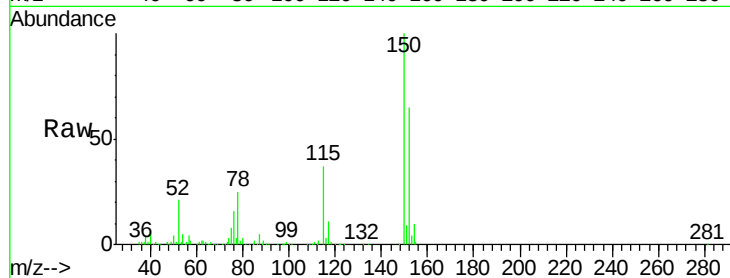
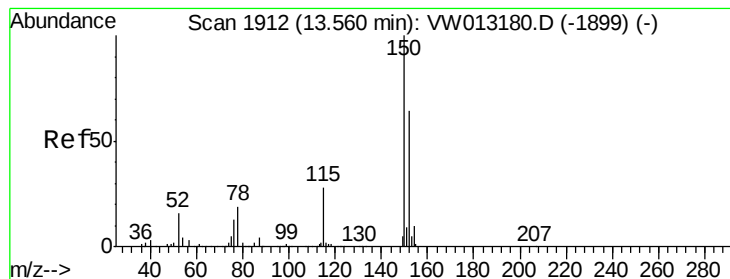
Tot Ion:117 Resp: 444455
Ion Ratio Lower Upper
117 100
82 55.2 45.9 68.9
119 31.4 26.2 39.2



#64
Tetrachloroethene
Concen: 4794.302 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW013211.D
Acq: 21 Sep 2019 04:22

Tgt Ion:164 Resp:16167516
Ion Ratio Lower Upper
164 100
166 100.0 101.2 151.8#
129 92.6 68.8 103.2
131 91.2 65.2 97.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013211.D

Acq: 21 Sep 2019 04:22

Instrument :

MSVOA_W

ClientSampleId :

984-S-4-(19)

Tot Ion:152 Resp: 95656

Ion Ratio Lower Upper

152 100

115 55.8 27.3 81.9

150 156.0 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

