

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012911.D
 Acq On : 11 Sep 2019 12:32
 Operator : SY/VA
 Sample : K4692-05
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-30-9.5-10.0

Quant Time: Sep 11 12:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

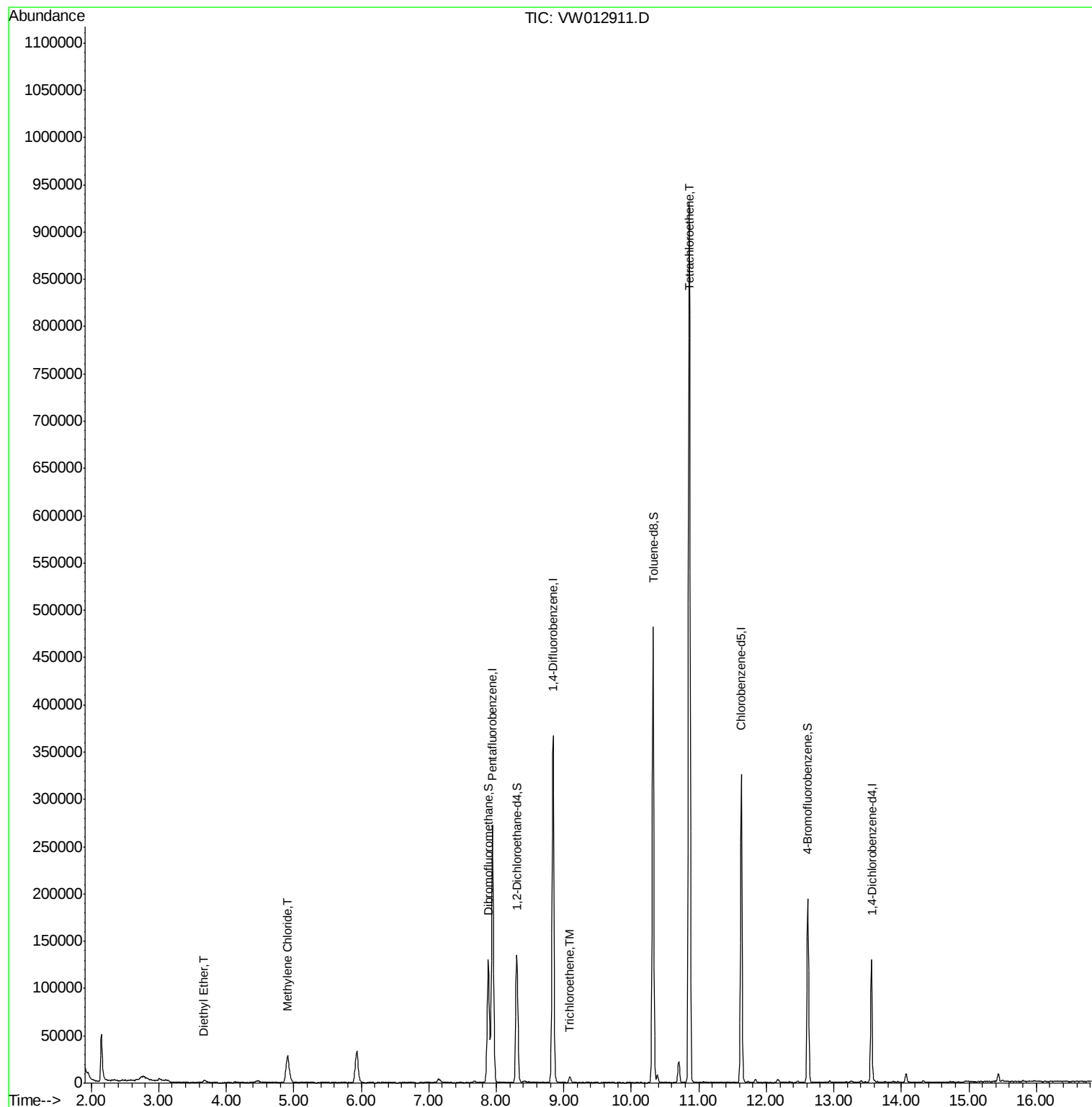
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	294453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	176459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	34305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109168	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	7.88	113	92780	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	10.32	98	315943	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
62) 4-Bromofluorobenzene	12.62	95	55207	22.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.34%	
Target Compounds						
8) Diethyl Ether	3.67	74	1020	1.081	ug/l	72
20) Methylene Chloride	4.90	84	21960	11.441	ug/l	88
44) Trichloroethene	9.09	130	1977	1.057	ug/l	78
64) Tetrachloroethene	10.86	164	216801	202.483	ug/l	98

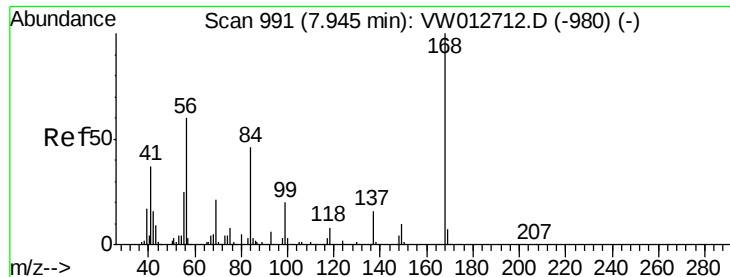
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012911.D

Acq: 11 Sep 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

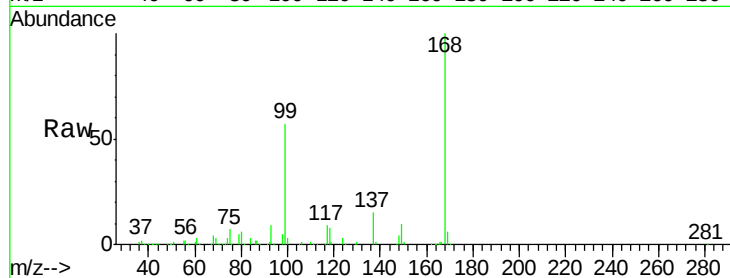
SB-30-9.5-10.0

Tot Ion:168 Resp: 201422

Ion Ratio Lower Upper

168 100

99 56.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

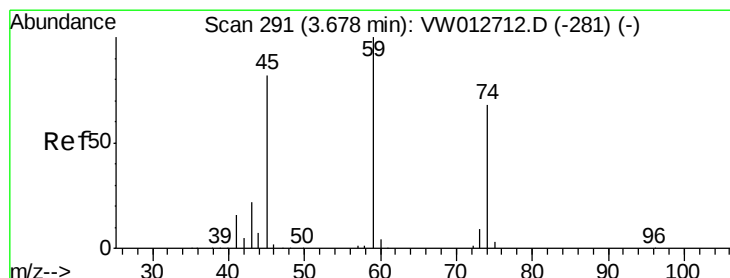
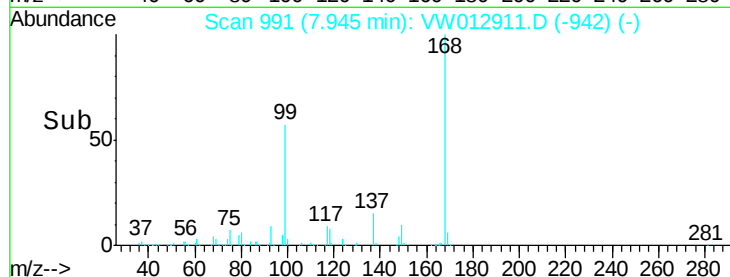
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.081 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012911.D

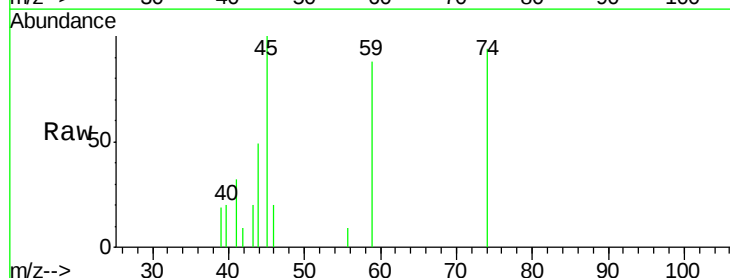
Acq: 11 Sep 2019 12:32

Tgt Ion: 74 Resp: 1020

Ion Ratio Lower Upper

74 100

45 148.3 58.8 176.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

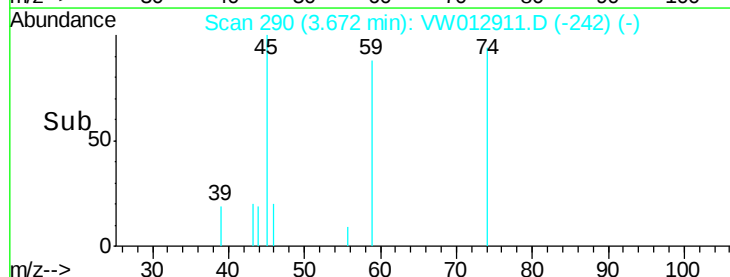
600

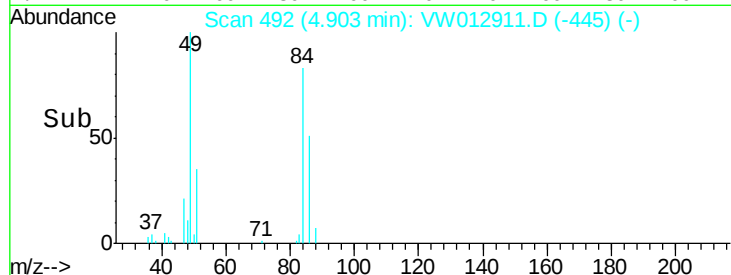
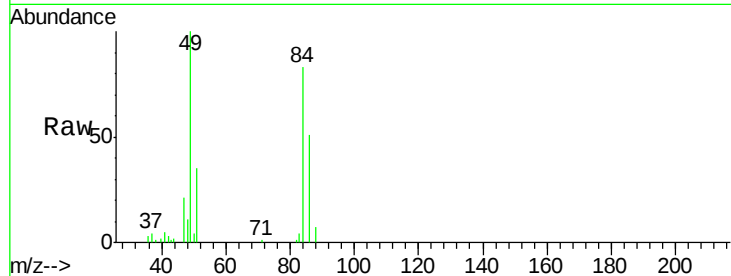
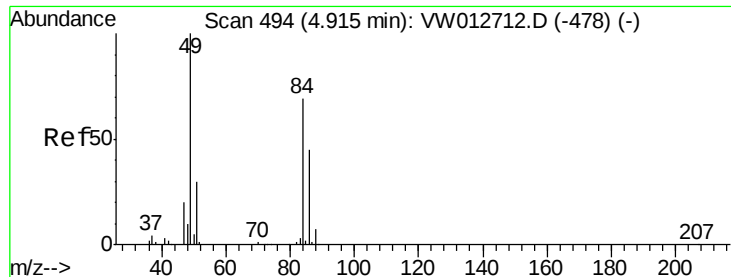
400

200

0

Time--> 3.60 3.65 3.70

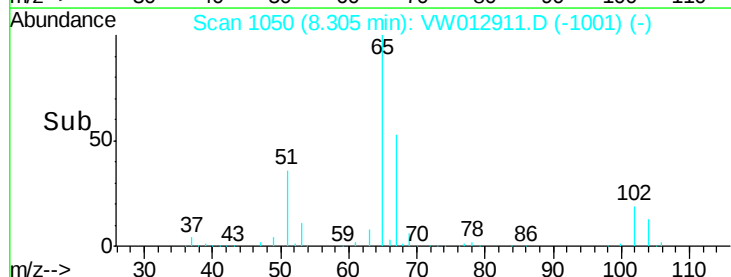
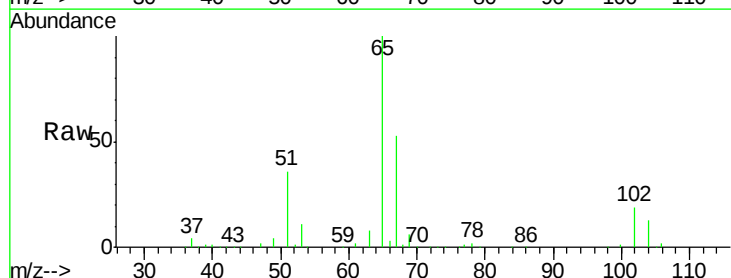
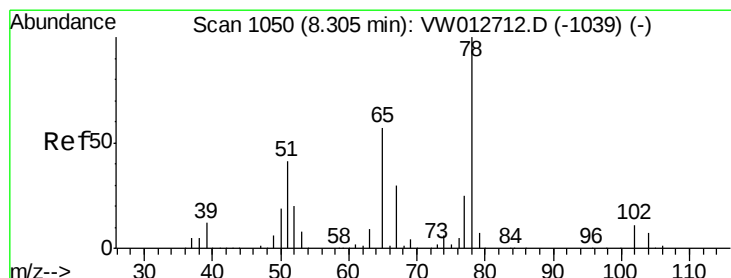
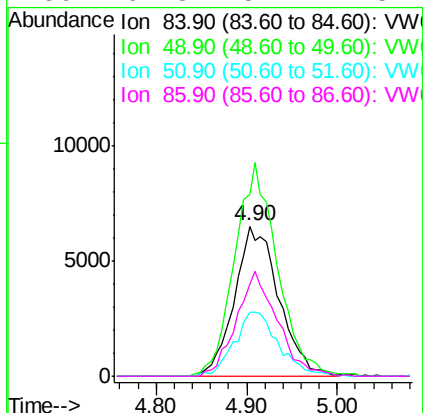




#20
Methylene Chloride
Concen: 11.441 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW012911.D
Acq: 11 Sep 2019 12:32

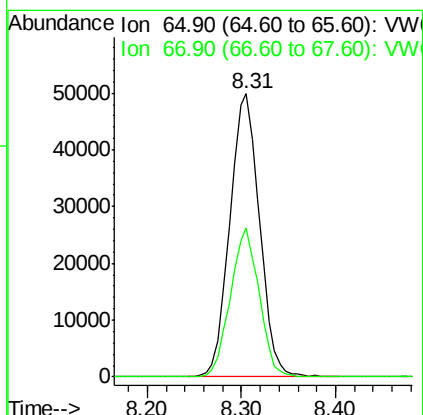
Instrument :
MSVOA_W
ClientSampled :
SB-30-9.5-10.0

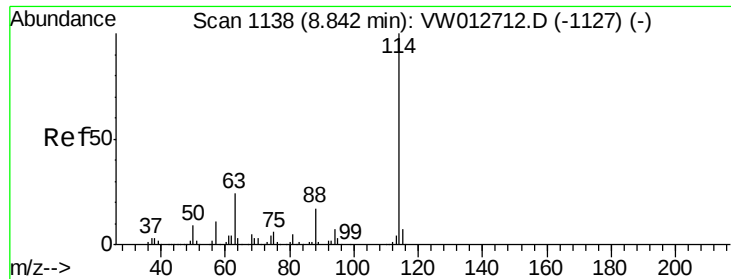
Tot Ion: 84 Resp: 21960
Ion Ratio Lower Upper
84 100
49 120.7 115.4 173.0
51 42.8 34.9 52.3
86 61.3 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 48.507 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012911.D
Acq: 11 Sep 2019 12:32

Tgt Ion: 65 Resp: 109168
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

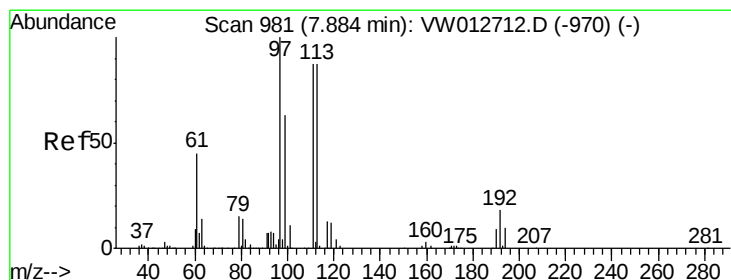
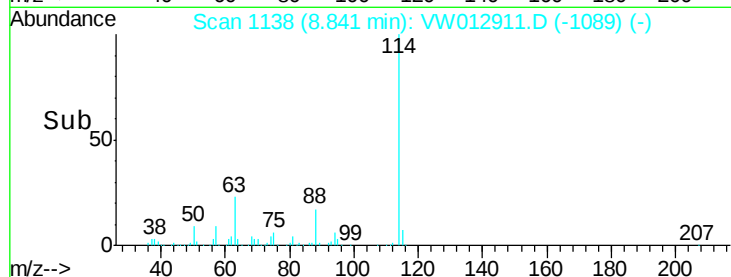
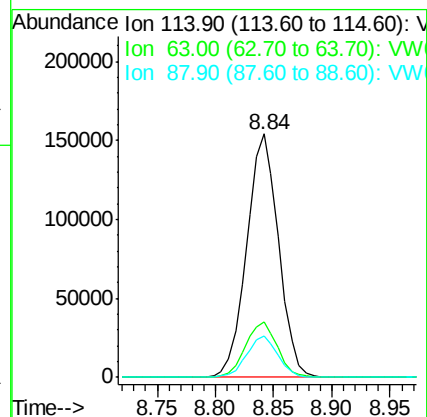
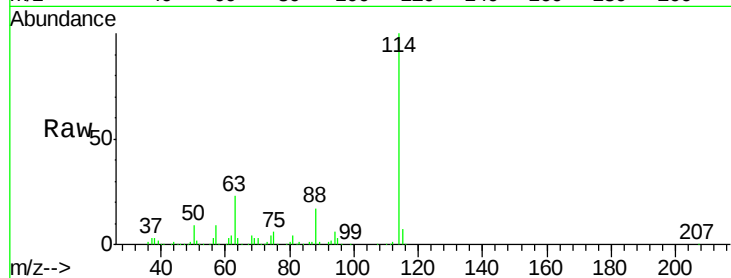




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012911.D
 Acq: 11 Sep 2019 12:32

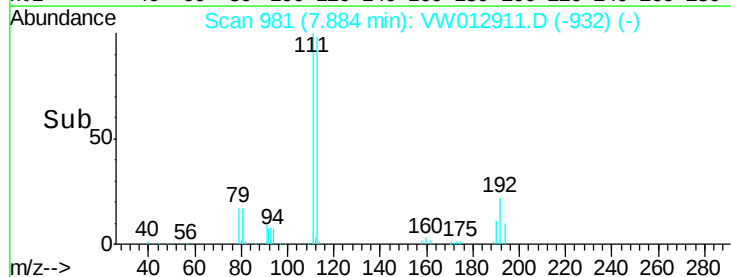
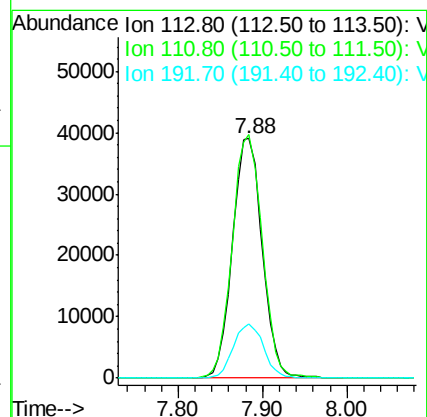
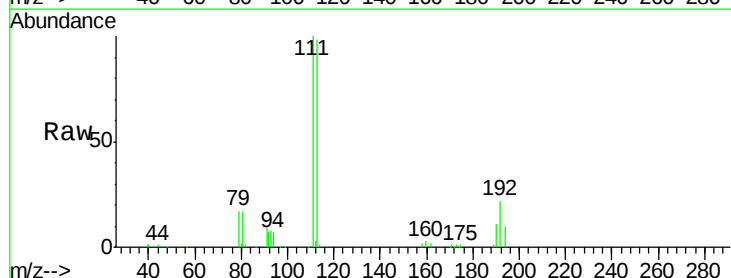
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-30-9.5-10.0

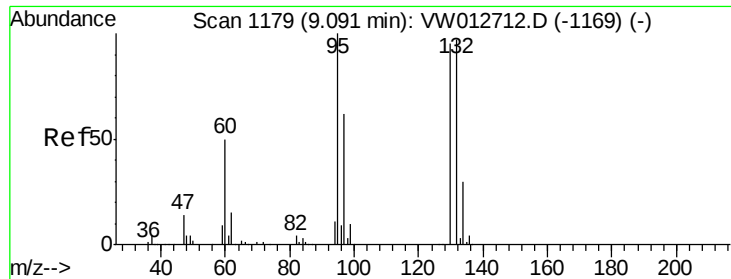
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	47.2
88	17.0	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 52.999 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012911.D
 Acq: 11 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.2	120.4
192	23.0	17.3	25.9

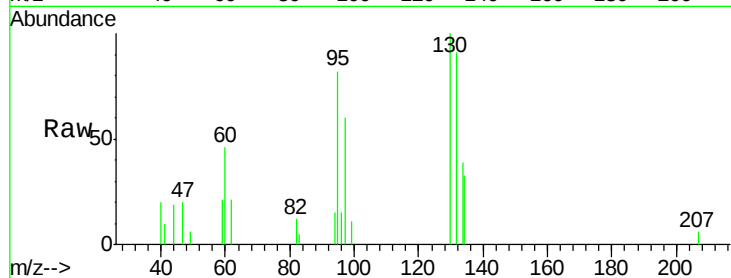




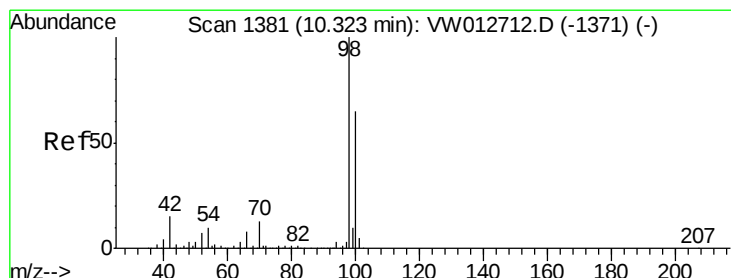
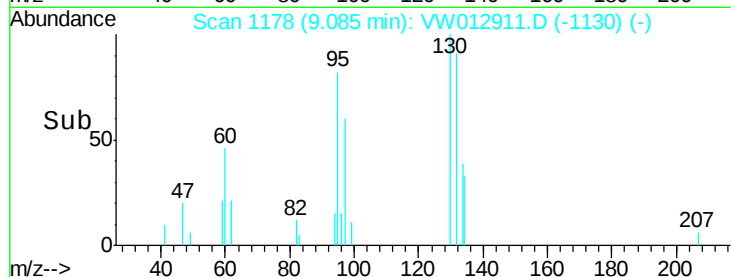
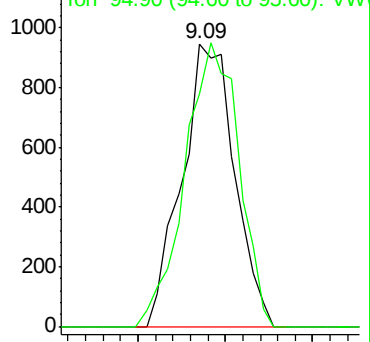
#44
 Trichloroethene
 Concen: 1.057 ug/l
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW012911.D
 Acq: 11 Sep 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-30-9.5-10.0

Tot Ion:130 Resp: 1977
 Ion Ratio Lower Upper
 130 100
 95 82.2 0.0 210.6

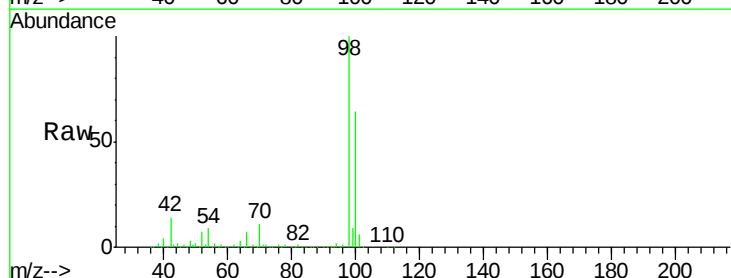


Abundance Ion 129.80 (129.50 to 130.50): V

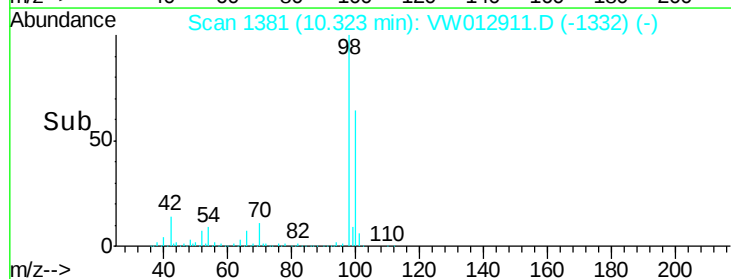
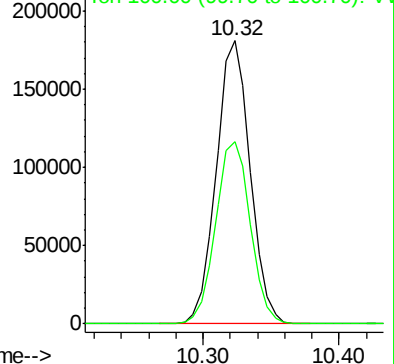


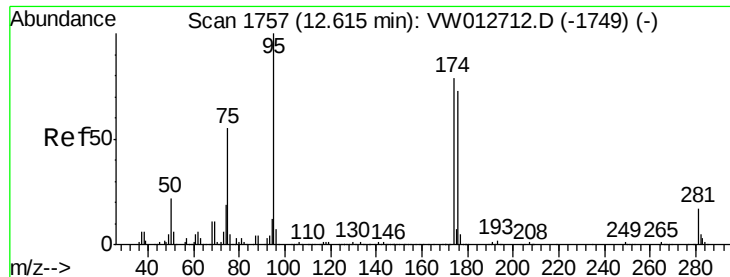
#50
 Toluene-d8
 Concen: 46.066 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012911.D
 Acq: 11 Sep 2019 12:32

Tgt Ion: 98 Resp: 315943
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW





#62

4-Bromofluorobenzene

Concen: 22.173 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012911.D

Acq: 11 Sep 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

SB-30-9.5-10.0

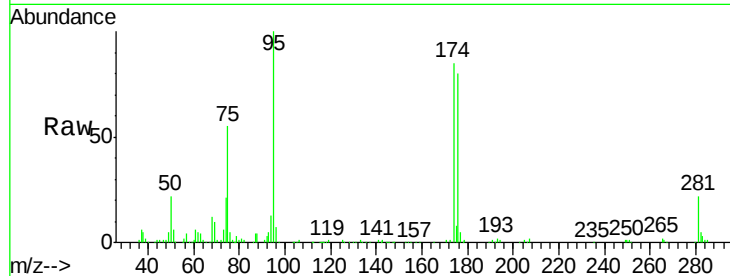
Tot Ion: 95 Resp: 55207

Ion Ratio Lower Upper

95 100

174 86.9 0.0 161.0

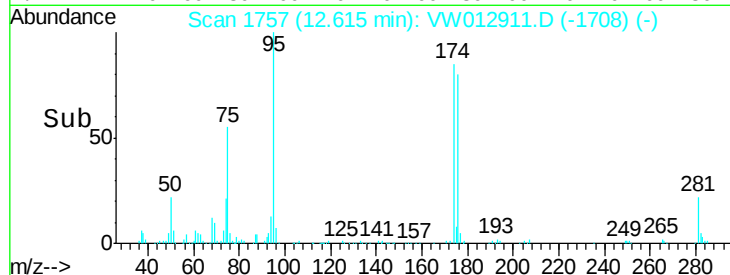
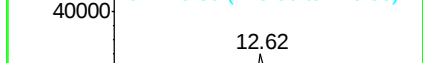
176 85.7 0.0 156.4



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



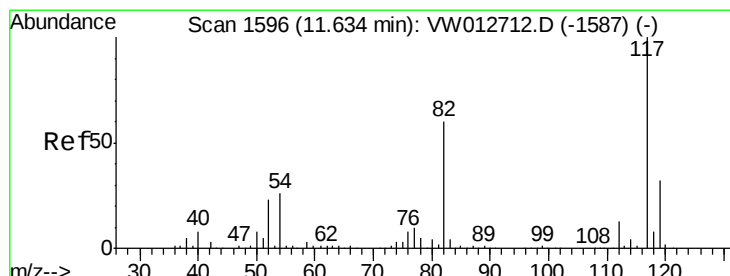
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



Time--> 12.50 12.60 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012911.D

Acq: 11 Sep 2019 12:32

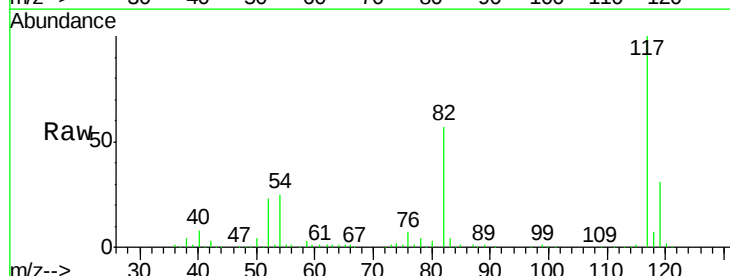
Tgt Ion: 117 Resp: 176459

Ion Ratio Lower Upper

117 100

82 56.7 48.2 72.4

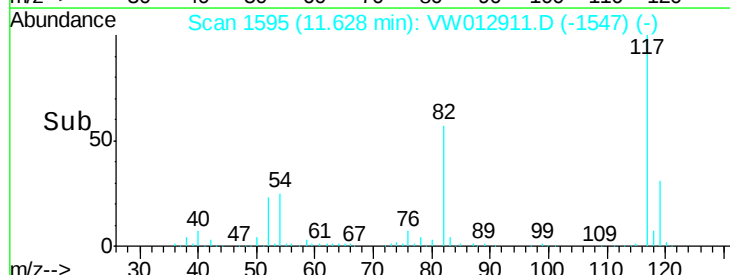
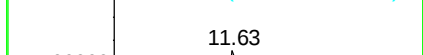
119 31.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

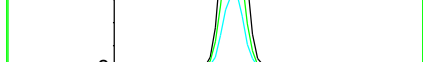
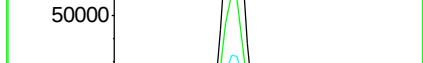
Ion 118.90 (118.60 to 119.60): VW



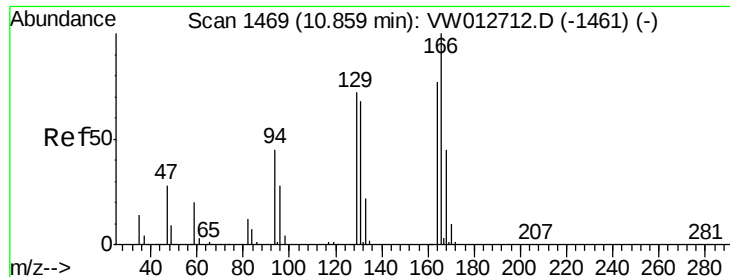
Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



Time--> 11.50 11.60 11.70 11.80



#64

Tetrachloroethene

Concen: 202.483 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW012911.D

Acq: 11 Sep 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

SB-30-9.5-10.0

Tot Ion:164 Resp: 216801

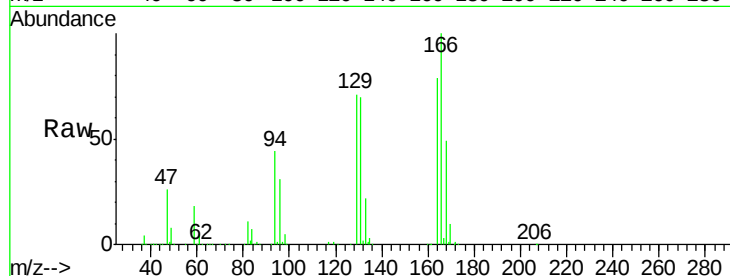
Ion Ratio Lower Upper

164 100

166 126.4 103.6 155.4

129 90.1 74.6 112.0

131 88.2 70.6 106.0

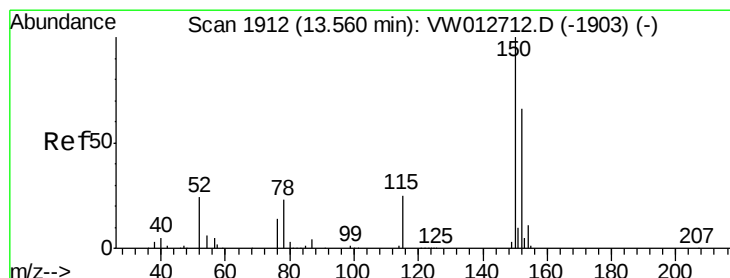
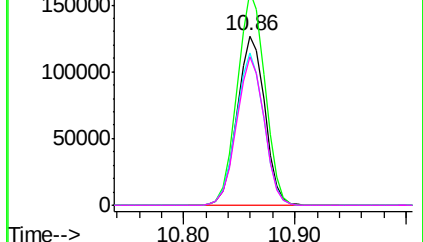
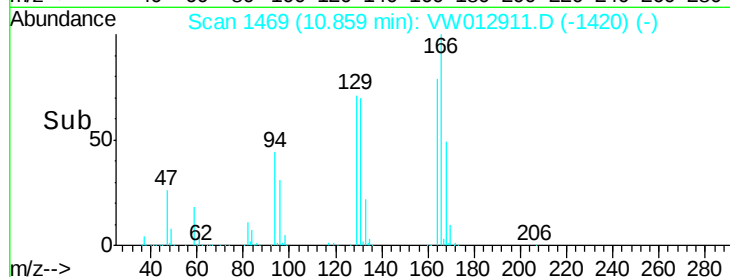


Abundance Ion 163.80 (163.50 to 164.50): V

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: VW012911.D

Acq: 11 Sep 2019 12:32

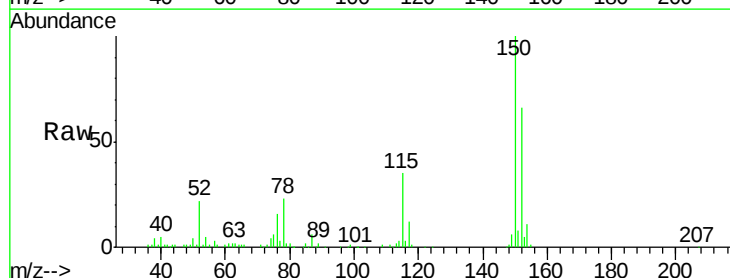
Tgt Ion:152 Resp: 34305

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.1

150 161.0 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

