

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012052.D
 Acq On : 21 Aug 2019 01:15
 Operator : SY/VA
 Sample : K4387-17
 Misc : 6.32G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A4-(2)

Quant Time: Aug 21 03:03:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

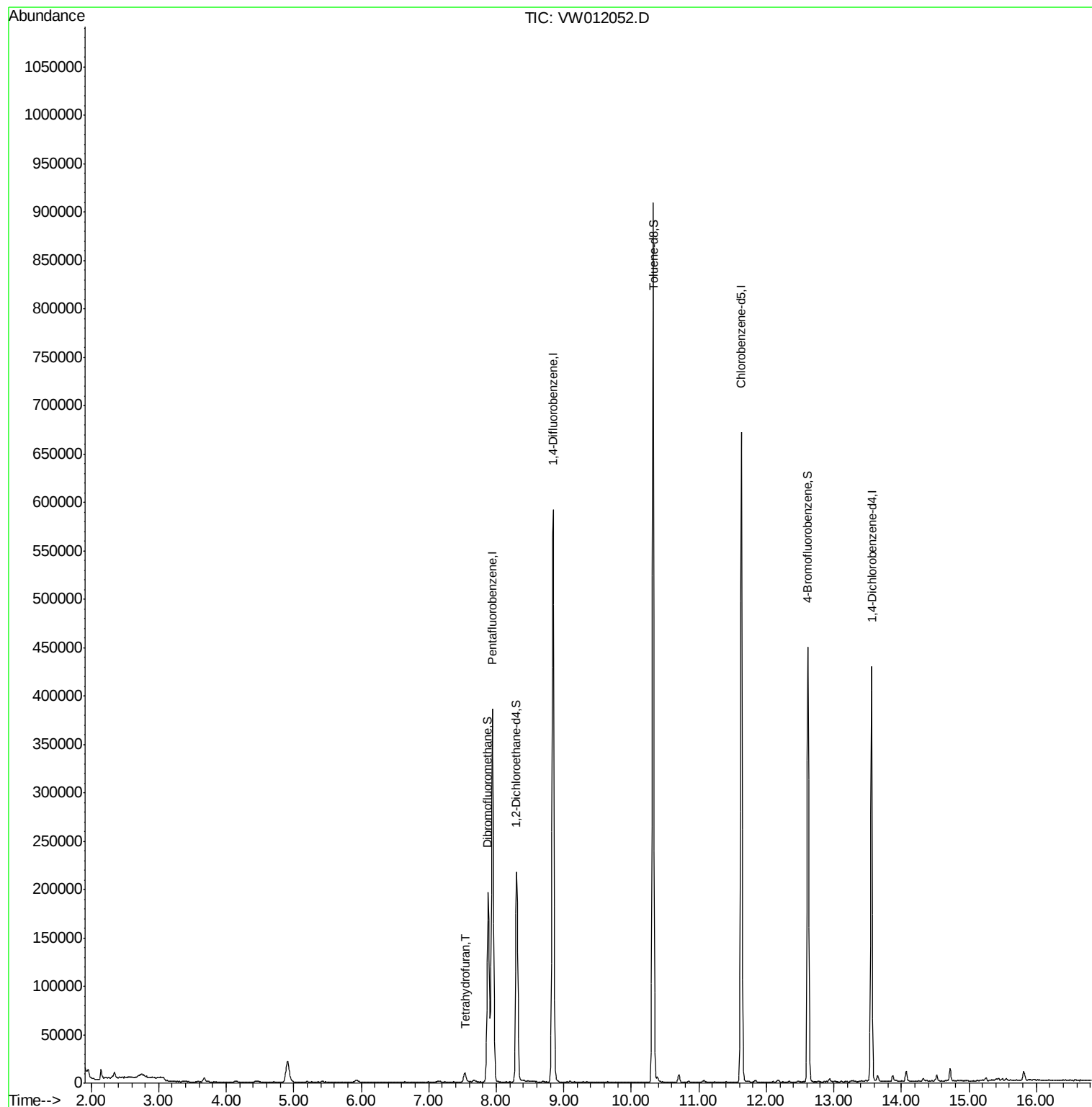
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	282186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	468042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	174538	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
35) Dibromofluoromethane	7.88	113	141694	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
50) Toluene-d8	10.32	98	558485	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.62	95	149840	39.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.18%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	8900	11.544	ug/l	Qvalue 97

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW012052.D

Acq: 21 Aug 2019 01:15

Instrument :

MSVOA_W

ClientSampleId :

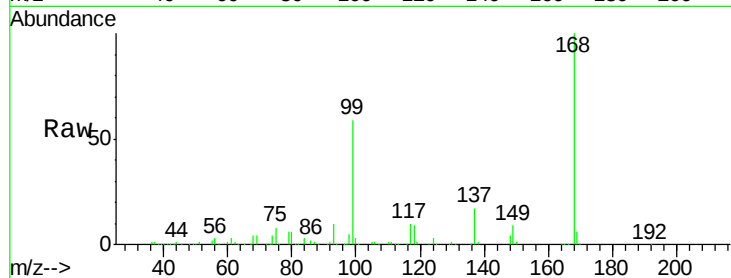
T4-A4-(2)

Tot Ion:168 Resp: 282186

Ion Ratio Lower Upper

168 100

99 59.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

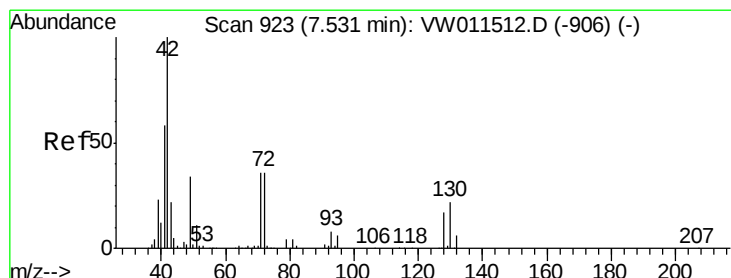
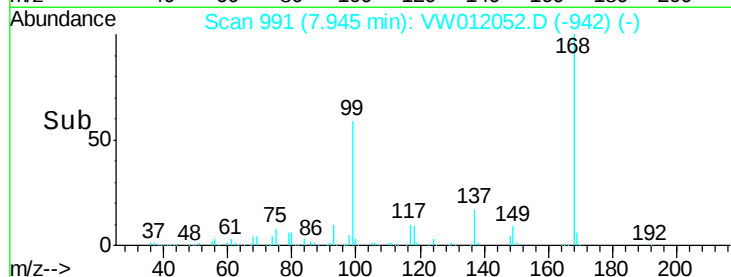
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 11.544 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012052.D

Acq: 21 Aug 2019 01:15

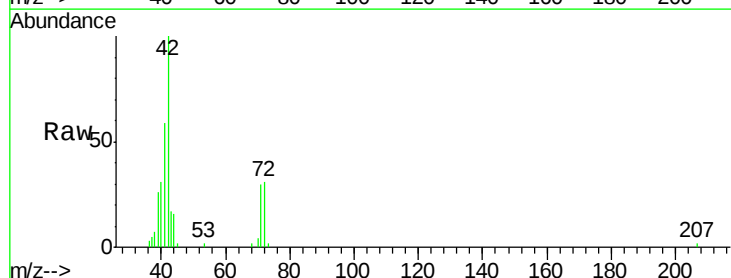
Tgt Ion: 42 Resp: 8900

Ion Ratio Lower Upper

42 100

72 31.6 27.1 40.7

71 31.3 26.2 39.4



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

7.53

4000

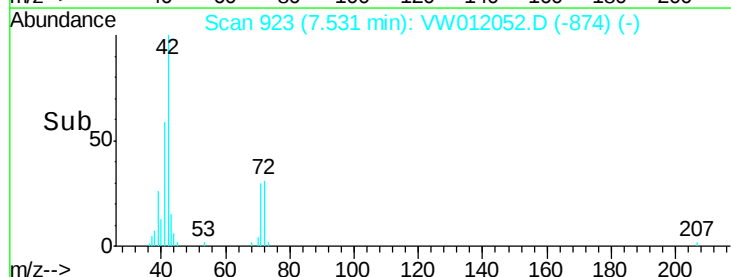
3000

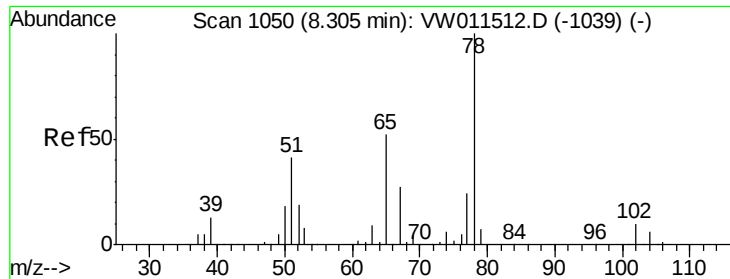
2000

1000

0

Time-->

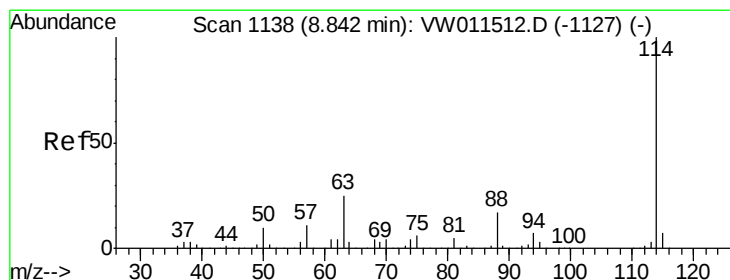
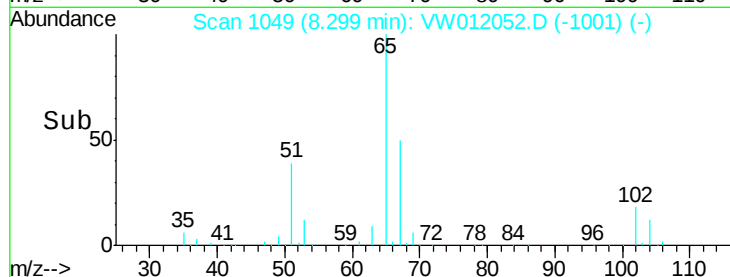
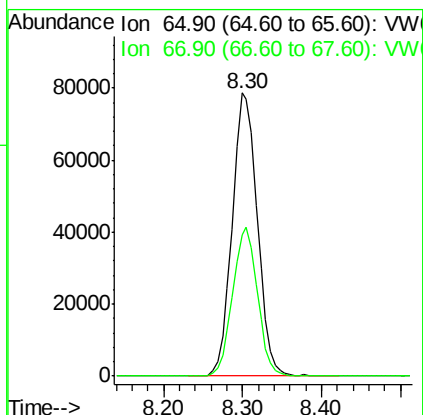
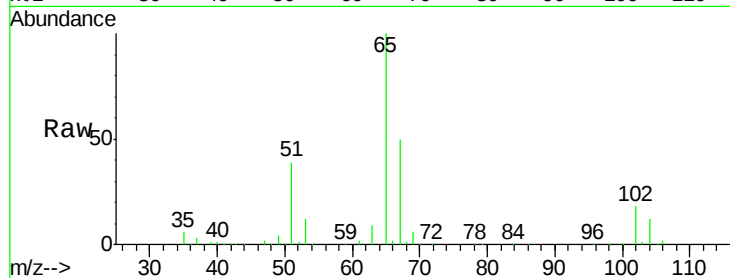




#33
 1,2-Dichloroethane-d4
 Concen: 53.865 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012052.D
 Acq: 21 Aug 2019 01:15

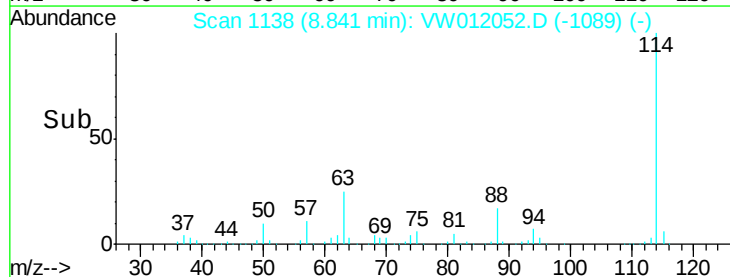
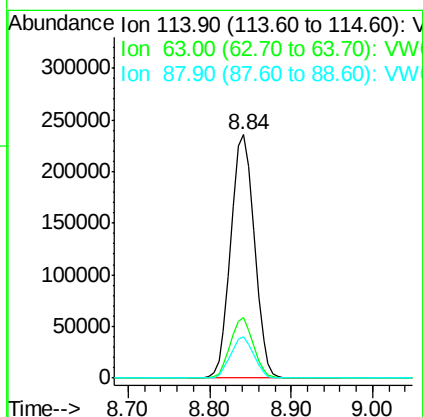
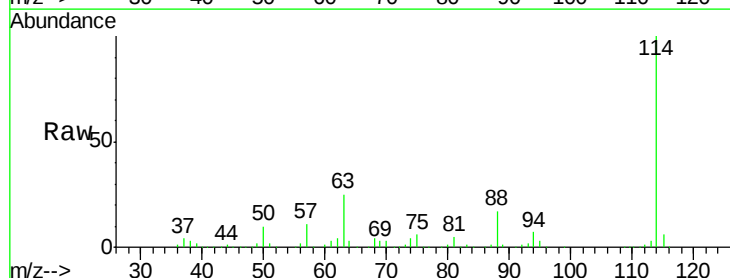
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A4-(2)

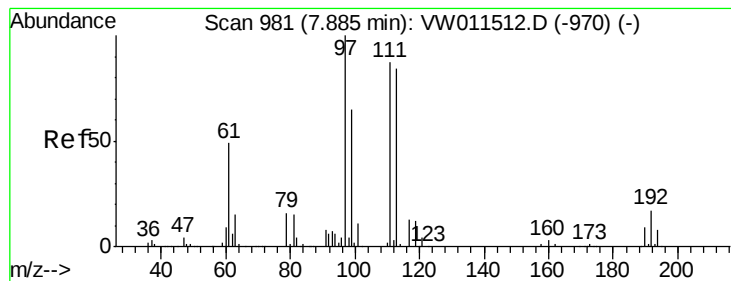
Tot Ion: 65 Resp: 174538
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012052.D
 Acq: 21 Aug 2019 01:15

Tgt Ion: 114 Resp: 468042
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.962 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012052.D

Acq: 21 Aug 2019 01:15

Instrument :

MSVOA_W

ClientSampleId :

T4-A4-(2)

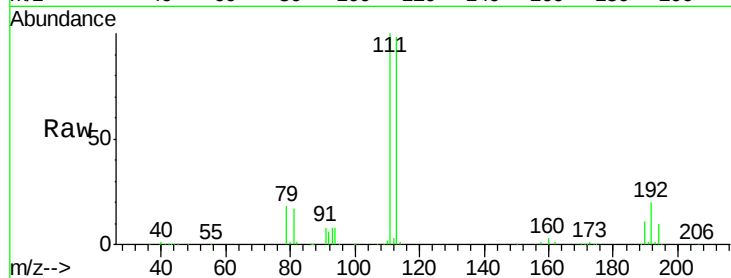
Tot Ion:113 Resp: 141694

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

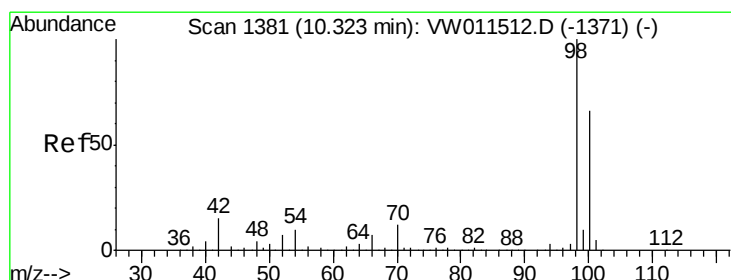
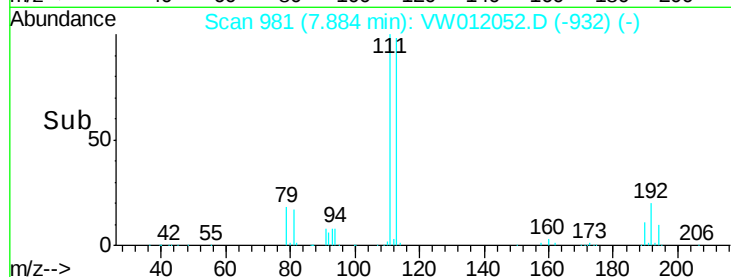
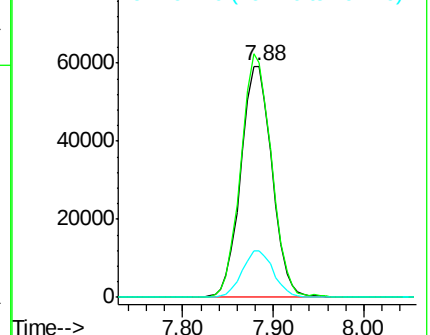
192 20.3 16.1 24.1



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



#50

Toluene-d8

Concen: 51.948 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012052.D

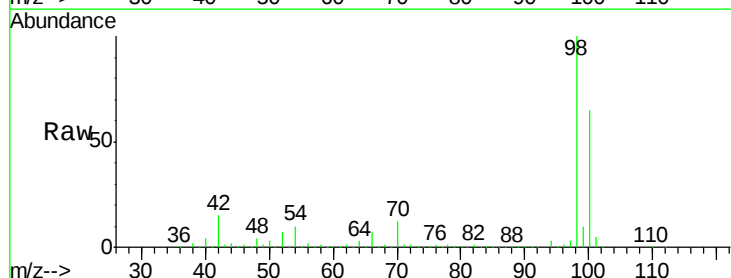
Acq: 21 Aug 2019 01:15

Tgt Ion: 98 Resp: 558485

Ion Ratio Lower Upper

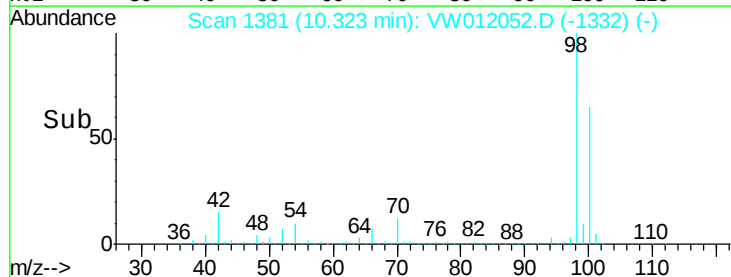
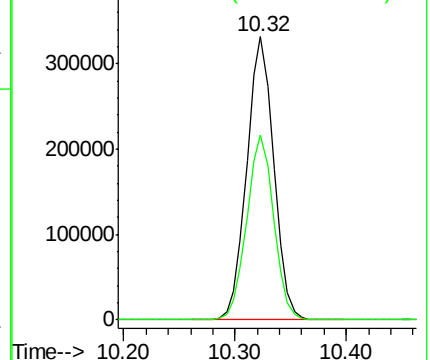
98 100

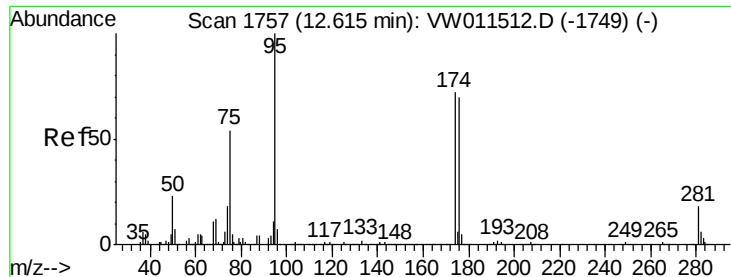
100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 39.093 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012052.D

Acq: 21 Aug 2019 01:15

Instrument :

MSVOA_W

ClientSampleId :

T4-A4-(2)

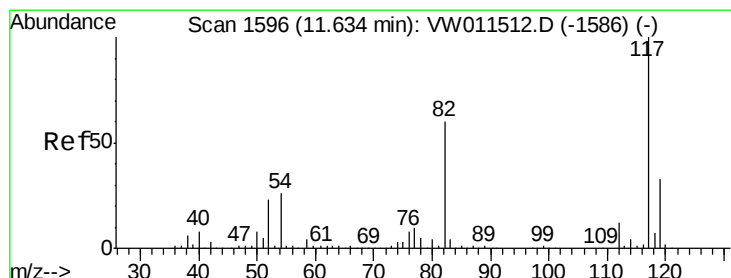
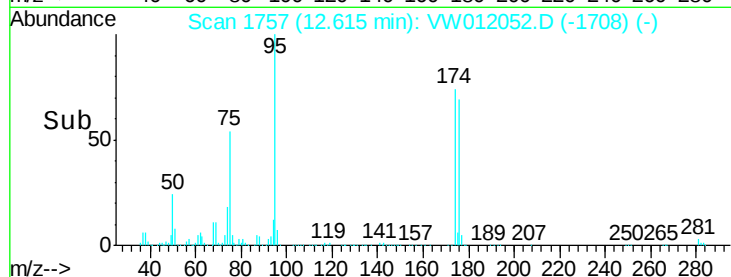
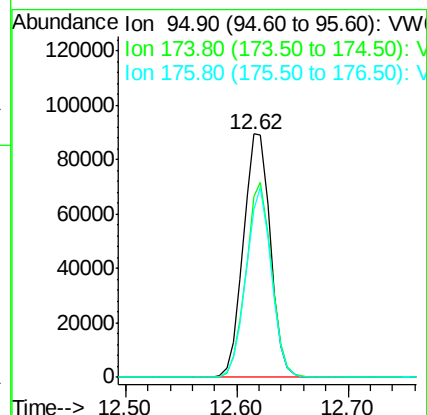
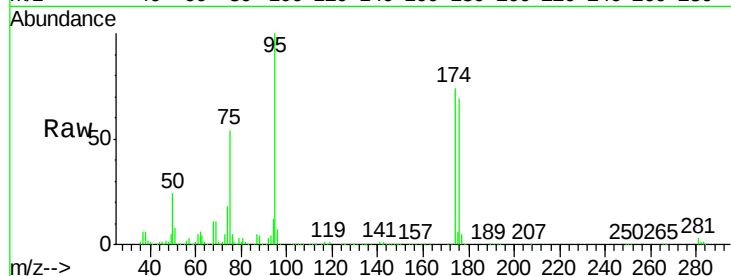
Tot Ion: 95 Resp: 149840

Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.2

176 73.1 0.0 144.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012052.D

Acq: 21 Aug 2019 01:15

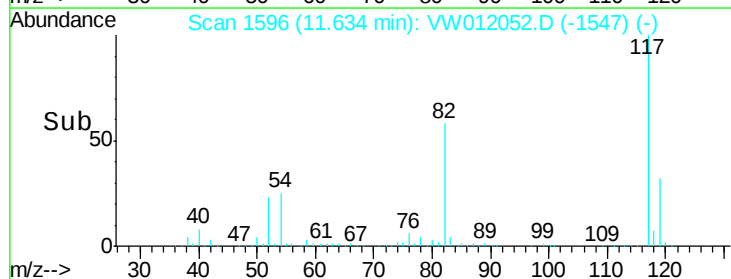
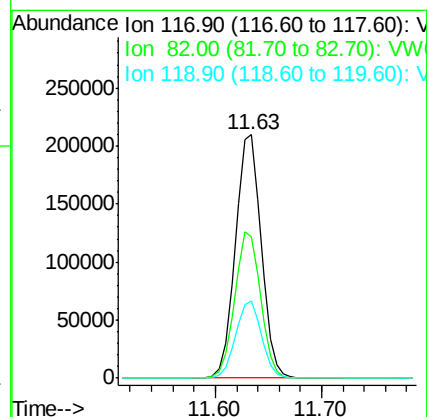
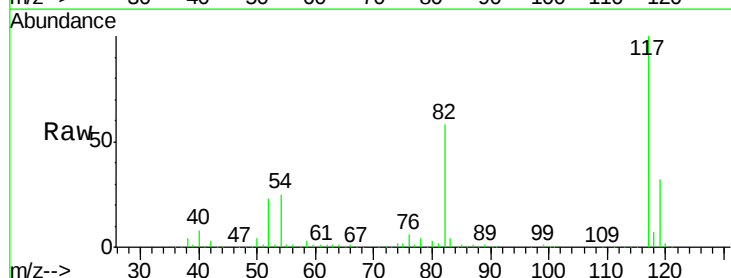
Tgt Ion: 117 Resp: 358531

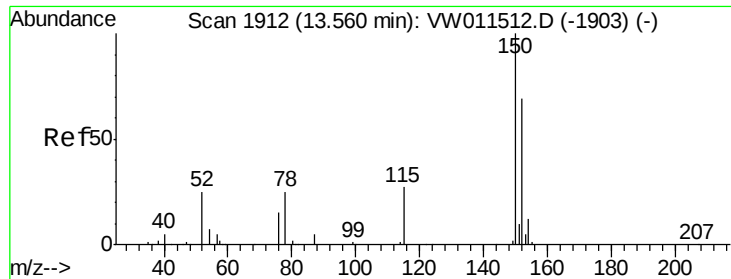
Ion Ratio Lower Upper

117 100

82 58.2 47.9 71.9

119 31.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012052.D

Acq: 21 Aug 2019 01:15

Instrument :

MSVOA_W

ClientSampleId :

T4-A4-(2)

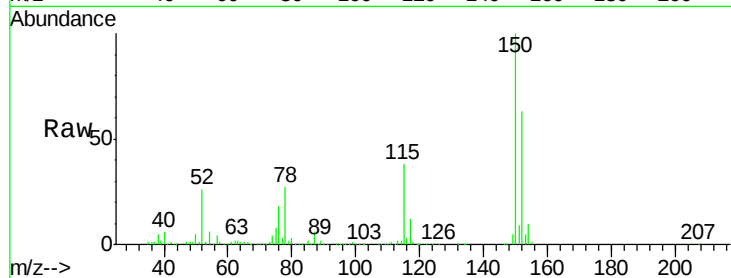
Tot Ion:152 Resp: 106060

Ion Ratio Lower Upper

152 100

115 59.8 30.5 91.5

150 158.9 0.0 352.6



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

