

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012121.D
 Acq On : 22 Aug 2019 19:43
 Operator : SY/VA
 Sample : K4462-03
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-47-9.5-10.0

Quant Time: Aug 23 08:13:58 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	80762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	129874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46893	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49332	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
35) Dibromofluoromethane	7.88	113	40245	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
50) Toluene-d8	10.32	98	164162	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
62) 4-Bromofluorobenzene	12.62	95	59533	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	

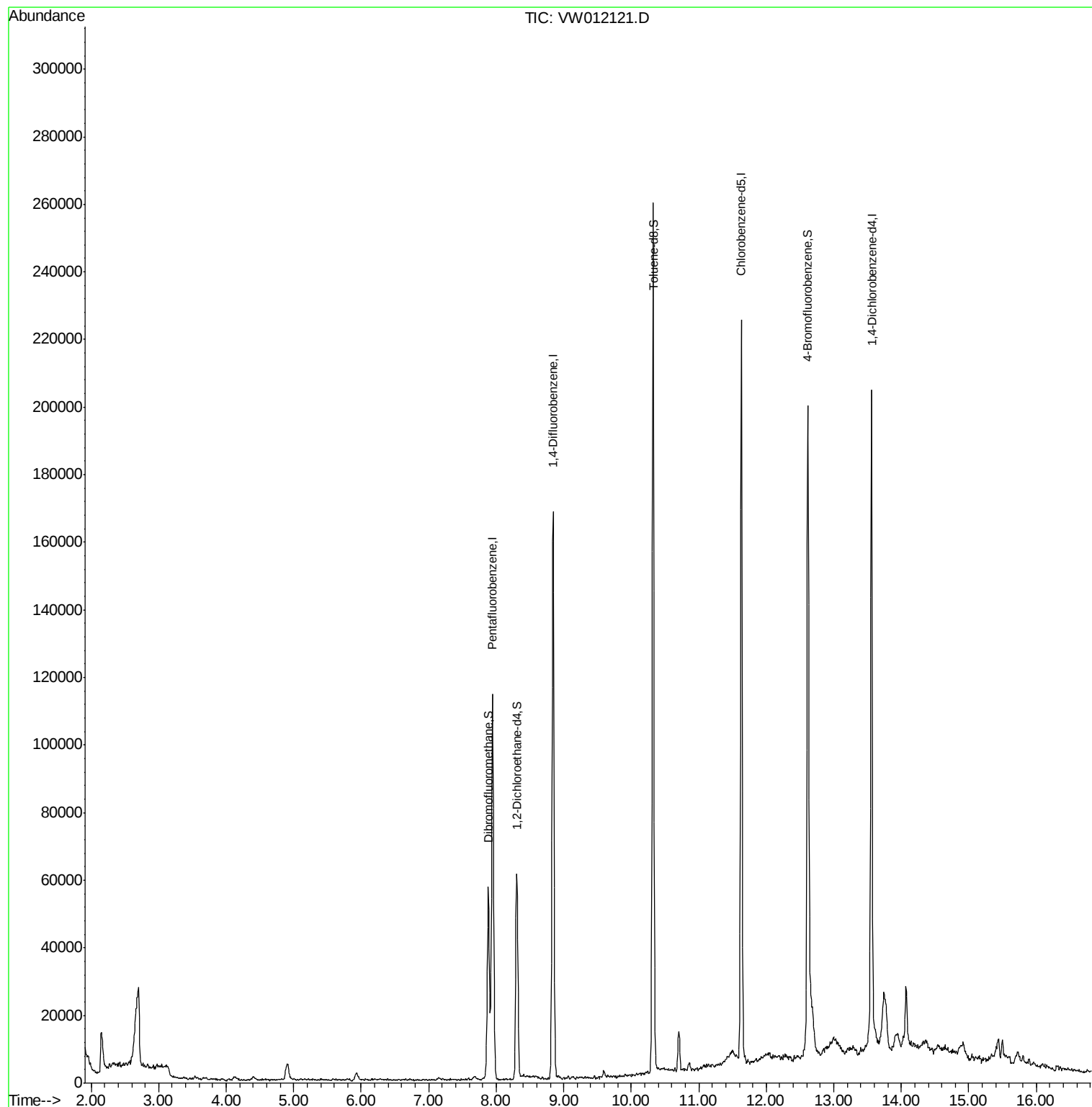
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012121.D

Acq: 22 Aug 2019 19:43

Instrument :

MSVOA_W

ClientSampleId :

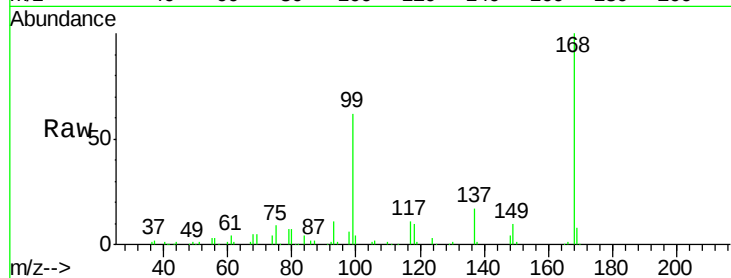
SB-47-9.5-10.0

Tot Ion:168 Resp: 80762

Ion Ratio Lower Upper

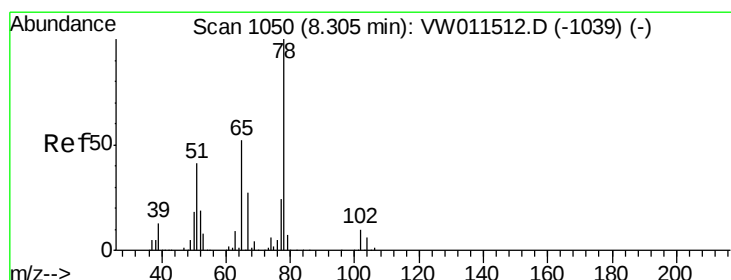
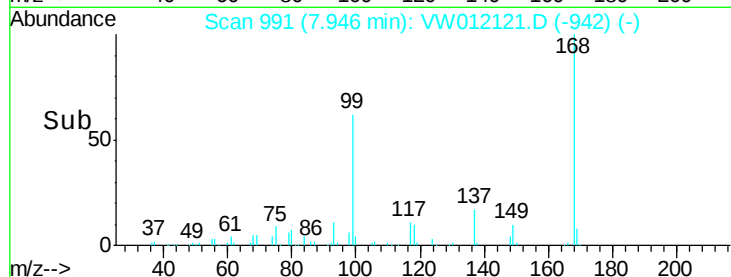
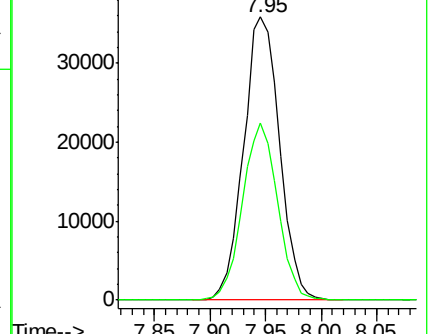
168 100

99 62.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 53.195 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012121.D

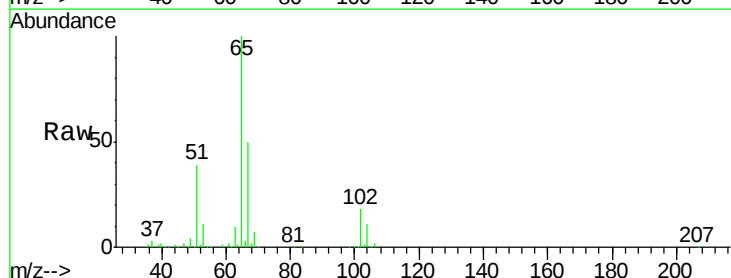
Acq: 22 Aug 2019 19:43

Tgt Ion: 65 Resp: 49332

Ion Ratio Lower Upper

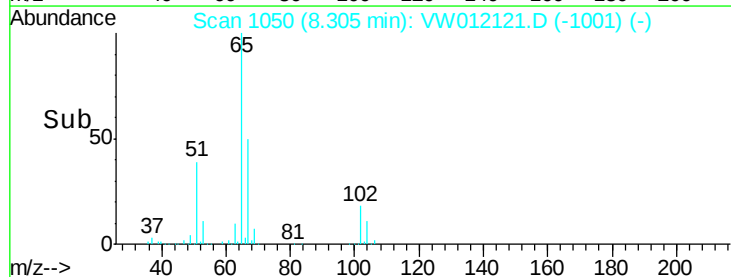
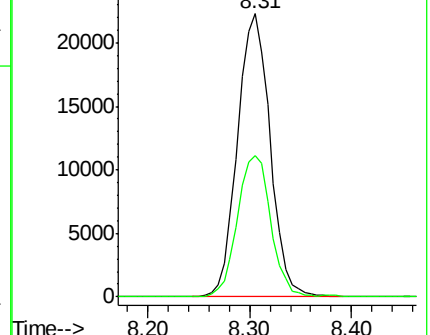
65 100

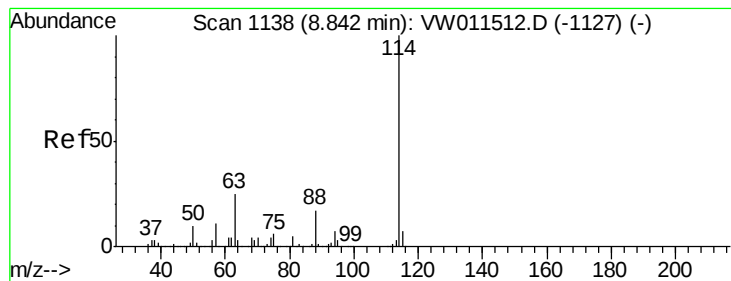
67 51.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012121.D

Acq: 22 Aug 2019 19:43

Instrument :

MSVOA_W

ClientSampleId :

SB-47-9.5-10.0

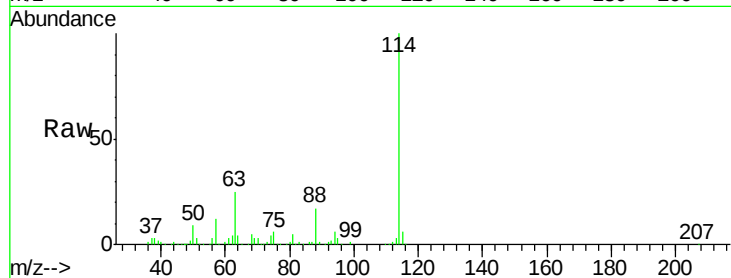
Tot Ion:114 Resp: 129874

Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.2

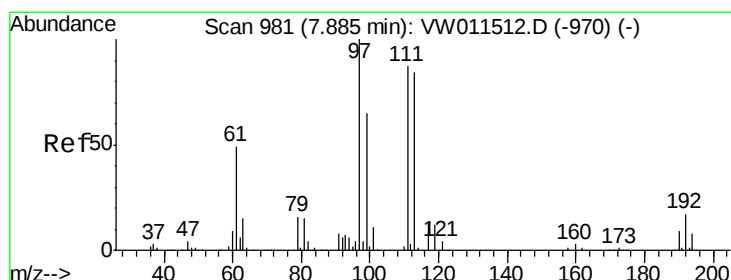
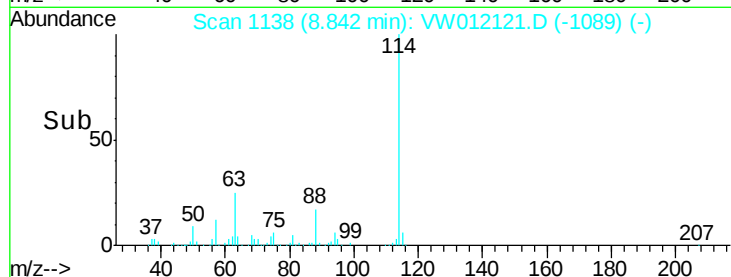
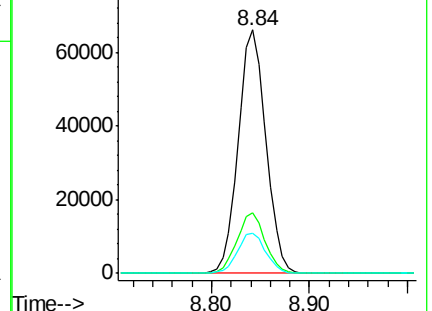
88 16.6 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 55.235 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012121.D

Acq: 22 Aug 2019 19:43

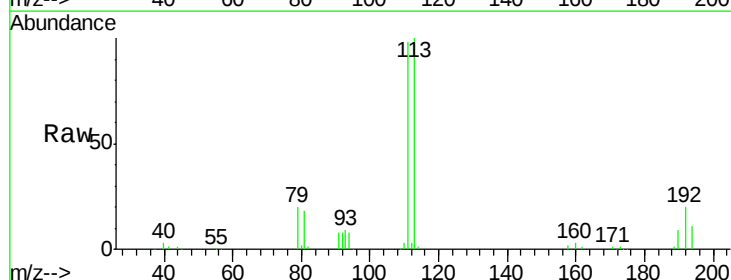
Tgt Ion:113 Resp: 40245

Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

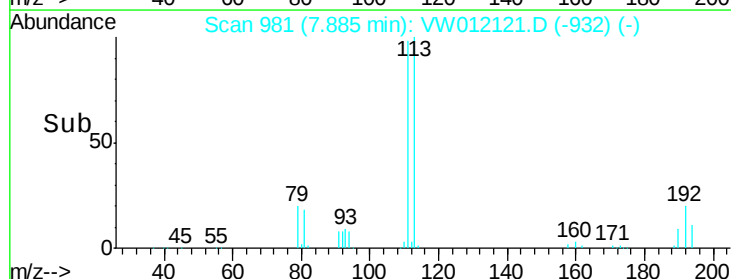
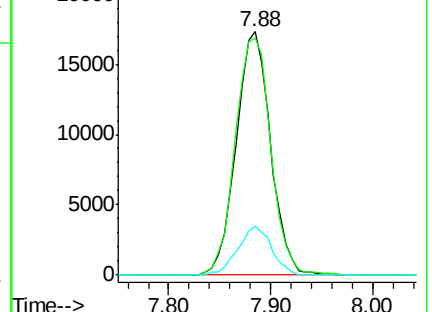
192 19.6 16.1 24.1

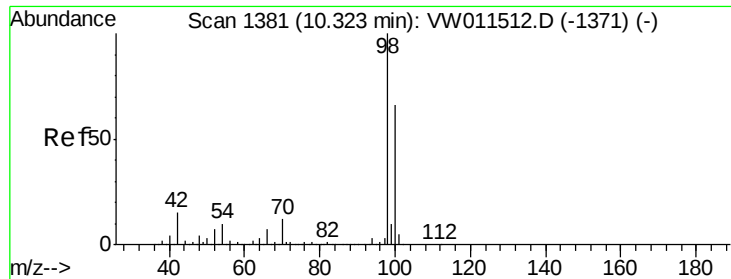


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.029 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012121.D

Acq: 22 Aug 2019 19:43

Instrument :

MSVOA_W

ClientSampled :

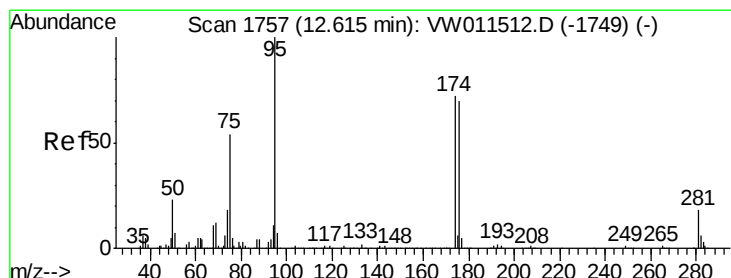
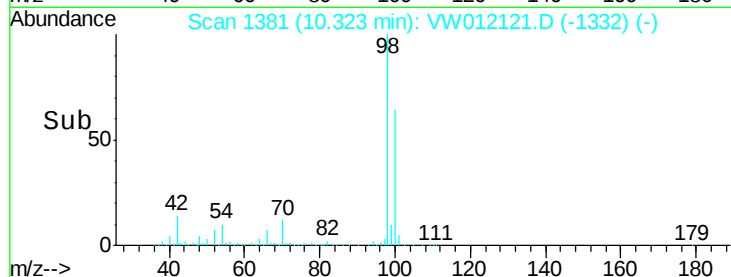
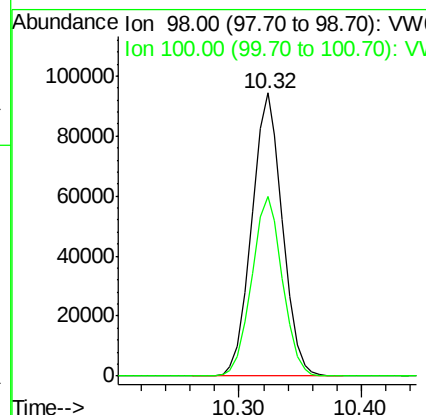
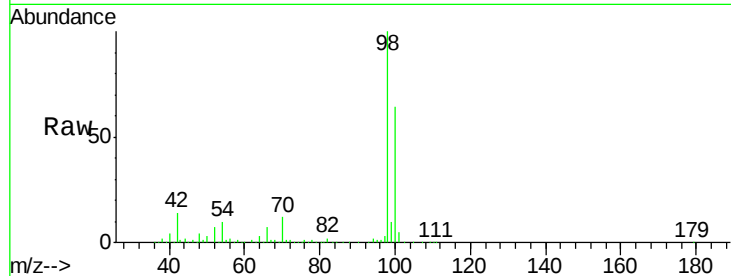
SB-47-9.5-10.0

Tot Ion: 98 Resp: 164162

Ion Ratio Lower Upper

98 100

100 63.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 55.975 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012121.D

Acq: 22 Aug 2019 19:43

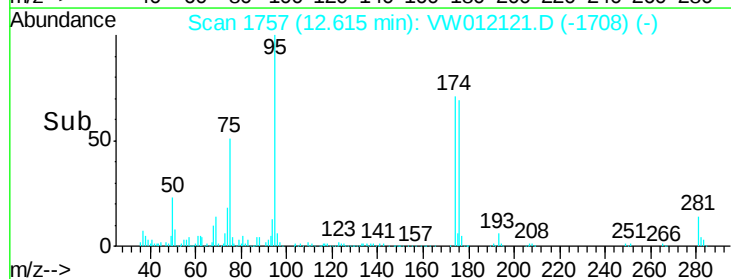
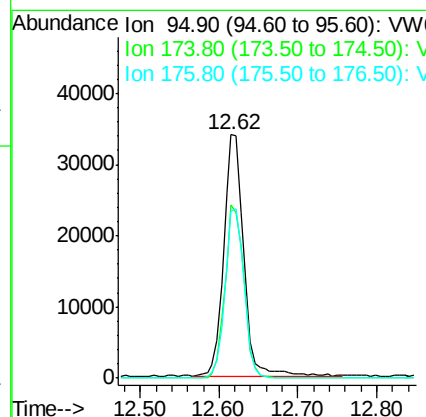
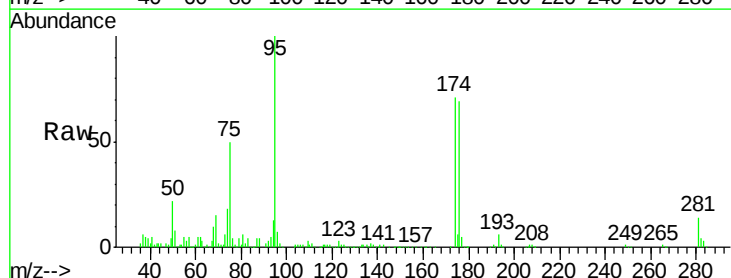
Tgt Ion: 95 Resp: 59533

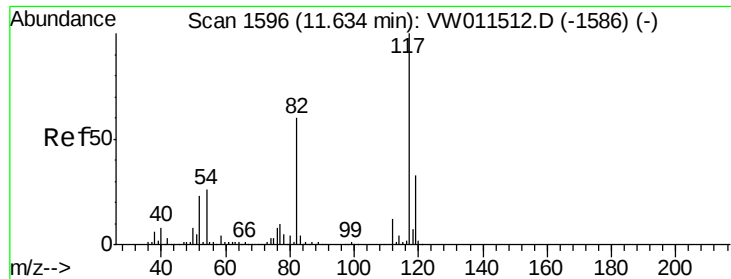
Ion Ratio Lower Upper

95 100

174 67.9 0.0 150.2

176 66.8 0.0 144.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012121.D

Acq: 22 Aug 2019 19:43

Instrument :

MSVOA_W

ClientSampleId :

SB-47-9.5-10.0

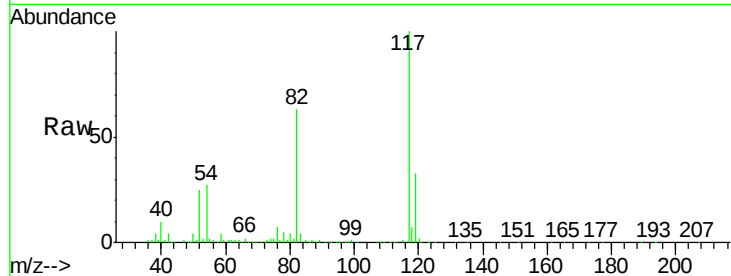
Tot Ion:117 Resp: 112635

Ion Ratio Lower Upper

117 100

82 62.7 47.9 71.9

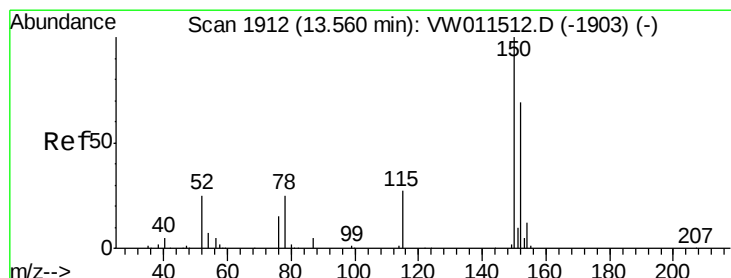
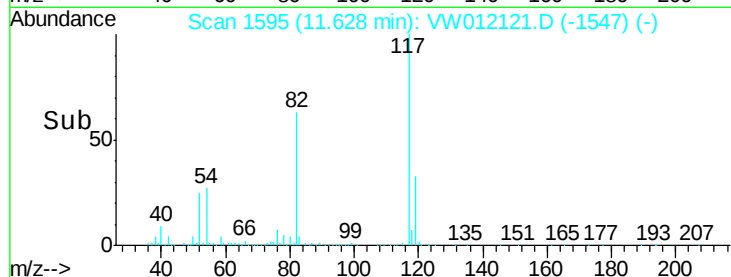
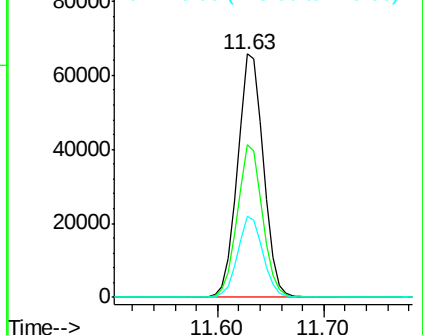
119 33.1 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): 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: VW012121.D

Acq: 22 Aug 2019 19:43

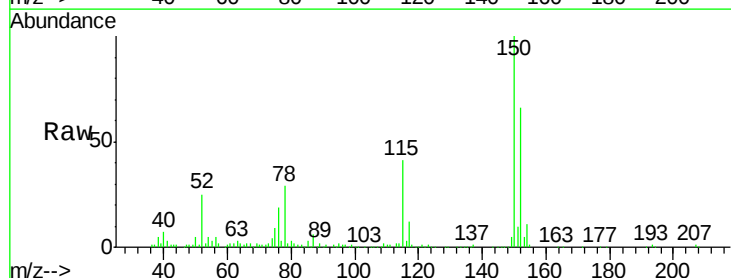
Tgt Ion:152 Resp: 46893

Ion Ratio Lower Upper

152 100

115 61.6 30.5 91.5

150 157.5 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

