

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015251.D
 Acq On : 21 Apr 2020 10:21
 Operator : SY/VA
 Sample : VW0421SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBL01

Quant Time: Apr 22 06:24:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	312884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	84537	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	
35) Dibromofluoromethane	7.88	113	87559	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.32	98	379660	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.61	95	123987	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	

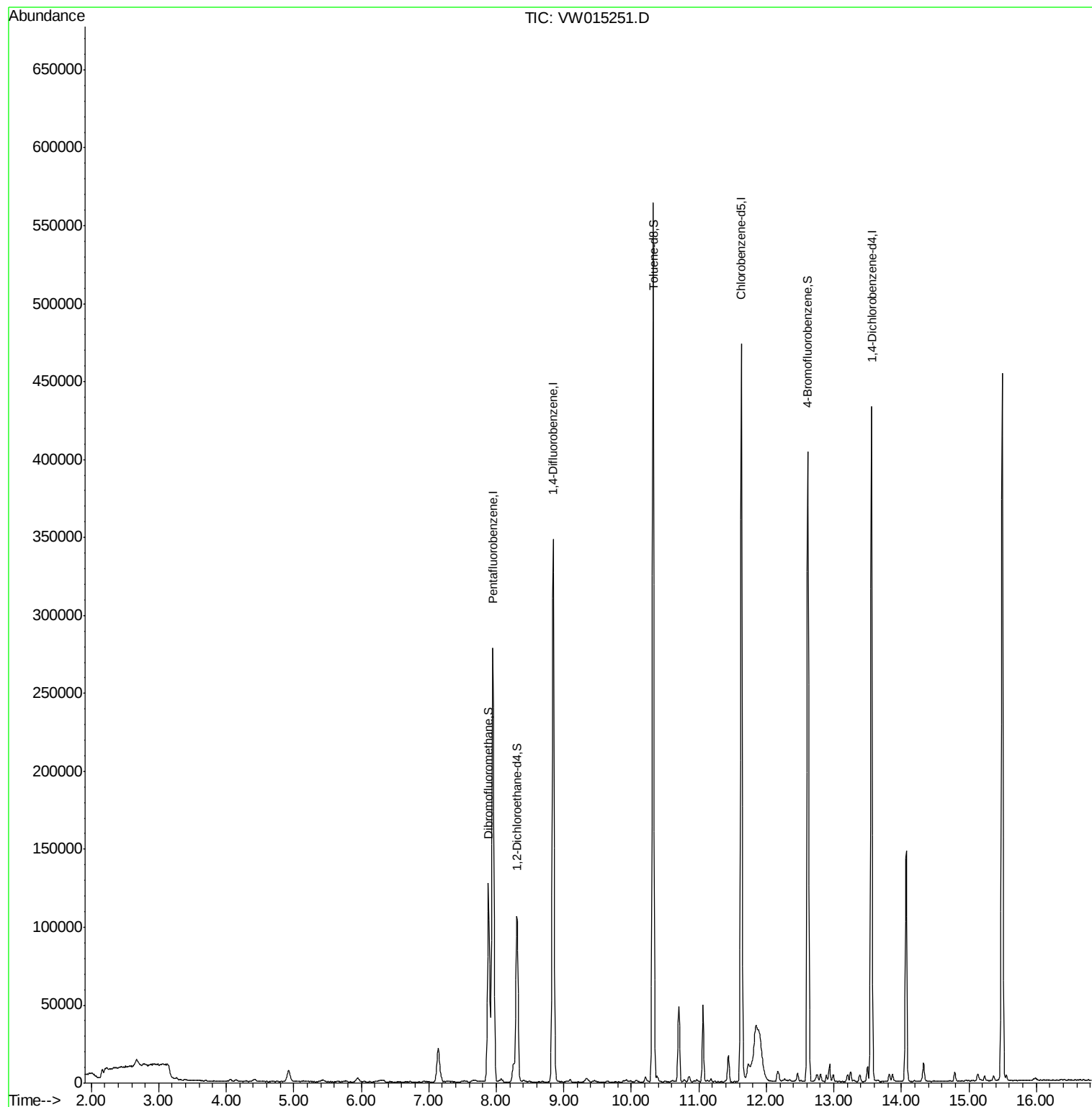
Target Compounds	Qvalue

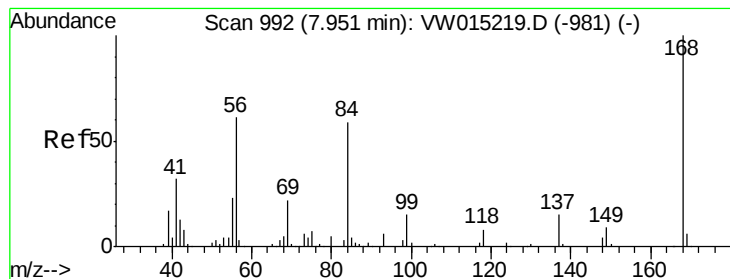
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015251.D

Acq: 21 Apr 2020 10:21

Instrument :

MSVOA_W

ClientSampleId :

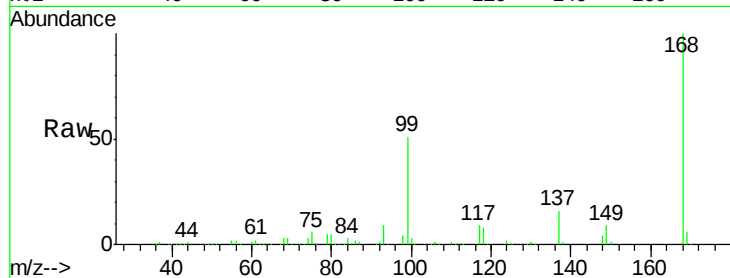
VW0421SBL01

Tot Ion:168 Resp: 226341

Ion Ratio Lower Upper

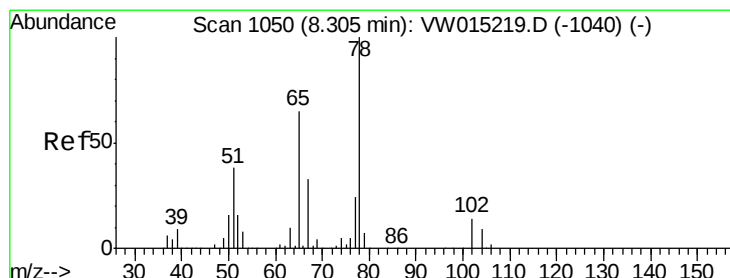
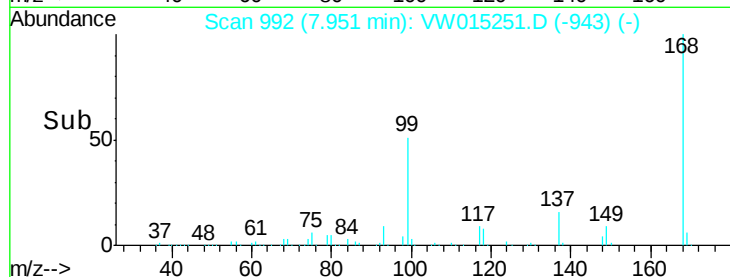
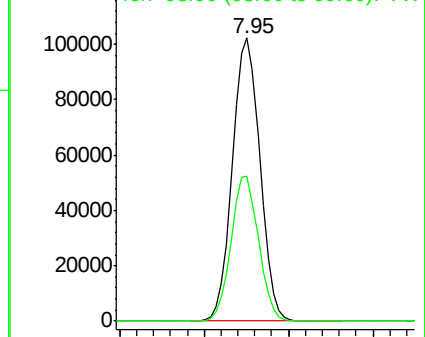
168 100

99 51.3 48.5 72.7



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: 45.674 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015251.D

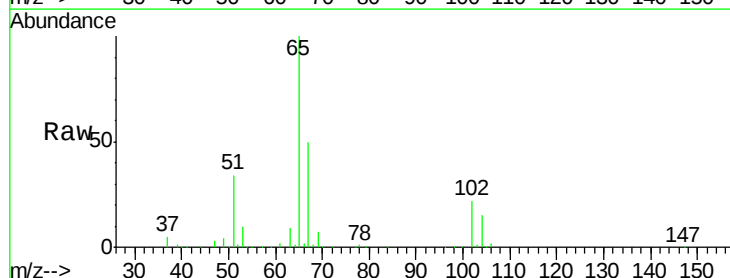
Acq: 21 Apr 2020 10:21

Tgt Ion: 65 Resp: 84537

Ion Ratio Lower Upper

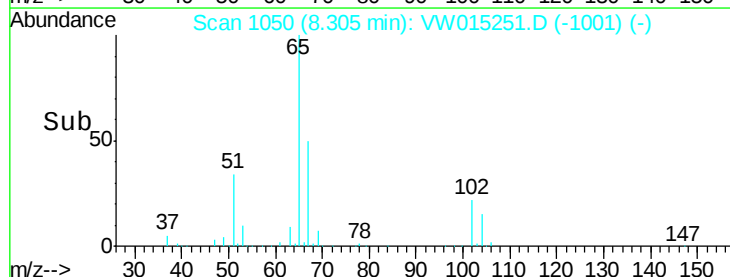
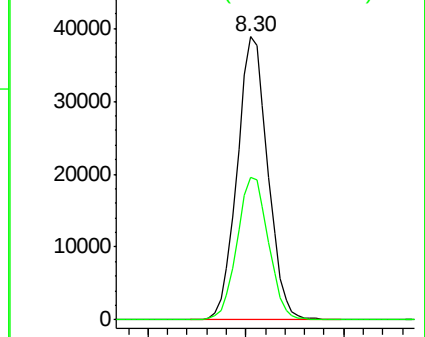
65 100

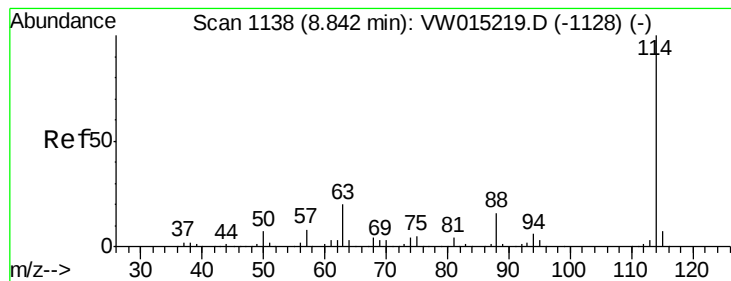
67 51.1 0.0 107.0



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: VW015251.D

Acq: 21 Apr 2020 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBL01

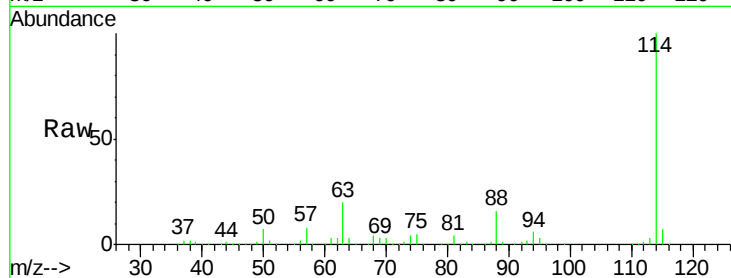
Tot Ion:114 Resp: 312884

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

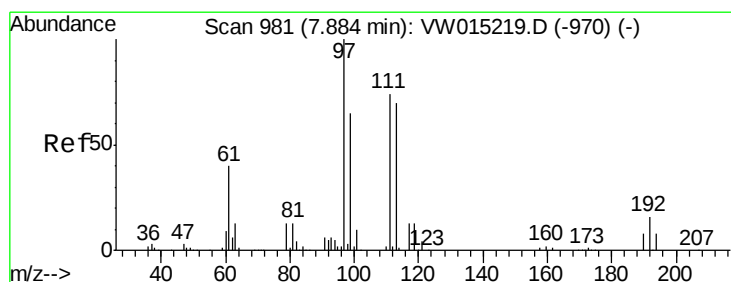
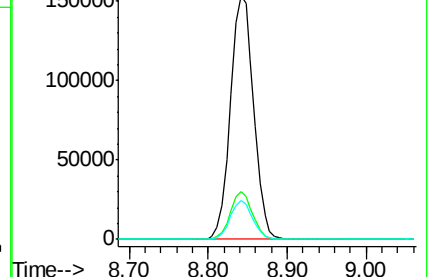
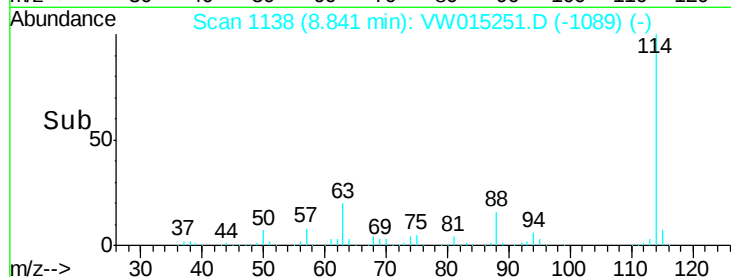
88 16.0 0.0 30.2



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: 50.521 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015251.D

Acq: 21 Apr 2020 10:21

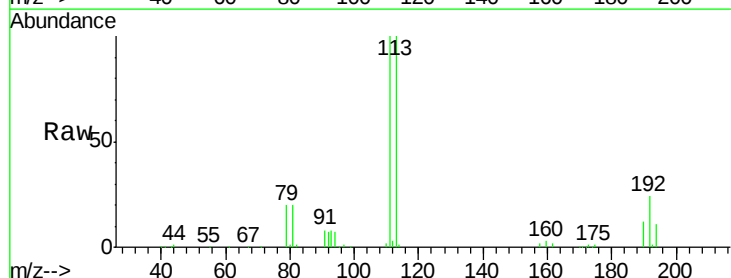
Tgt Ion:113 Resp: 87559

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

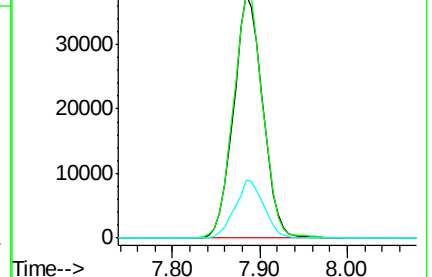
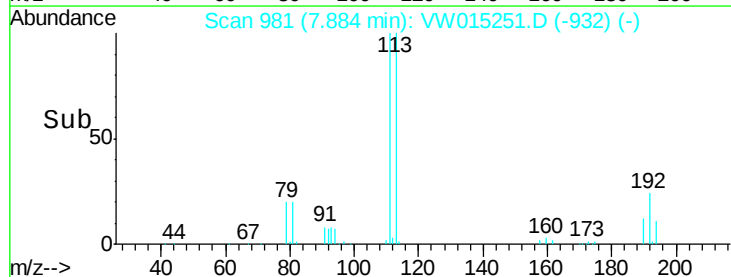
192 23.4 15.1 22.7#

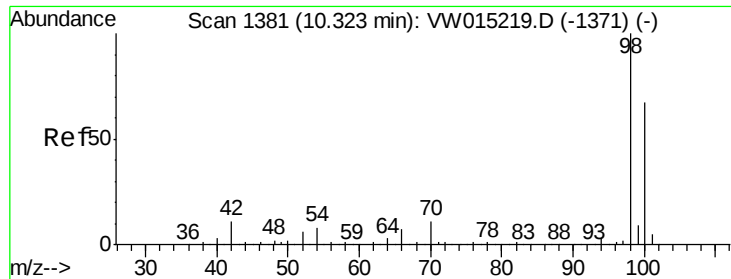


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.074 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015251.D

Acq: 21 Apr 2020 10:21

Instrument :

MSVOA_W

ClientSampleId :

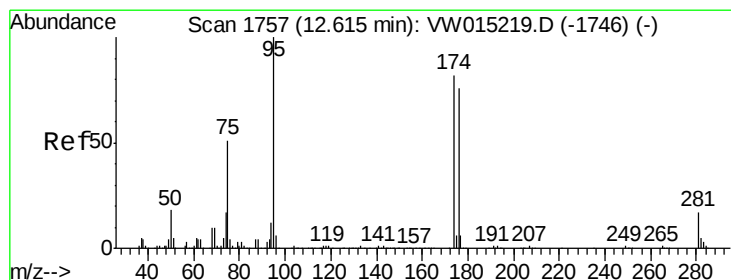
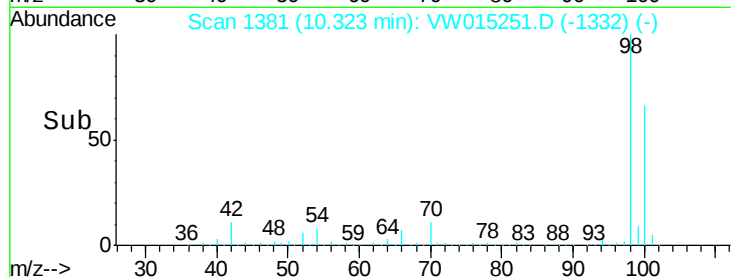
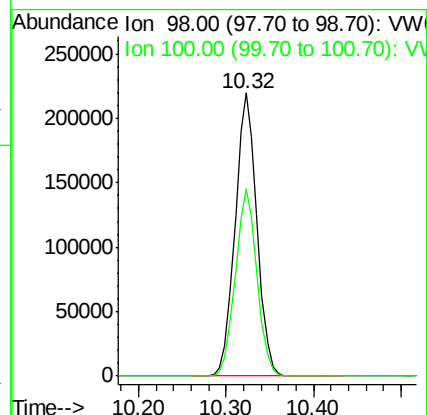
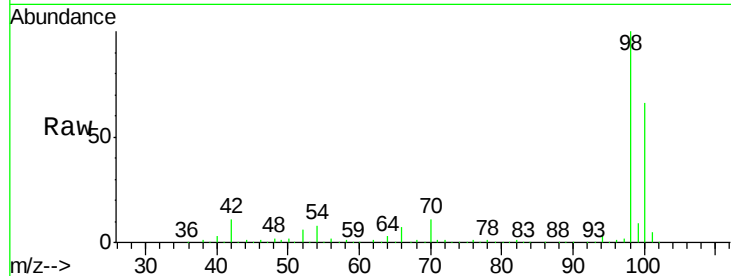
VW0421SBL01

Tot Ion: 98 Resp: 379660

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.572 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015251.D

Acq: 21 Apr 2020 10:21

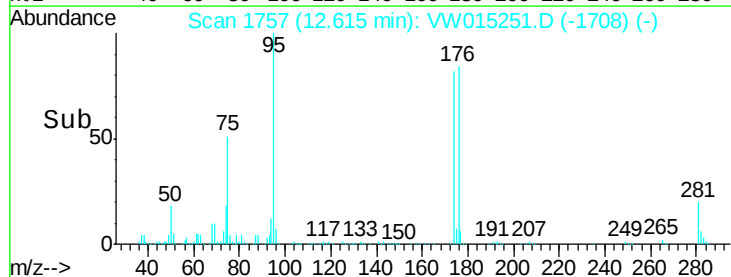
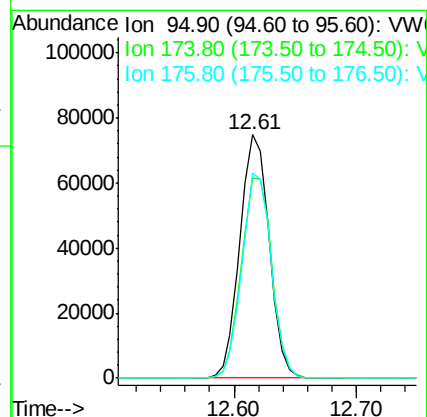
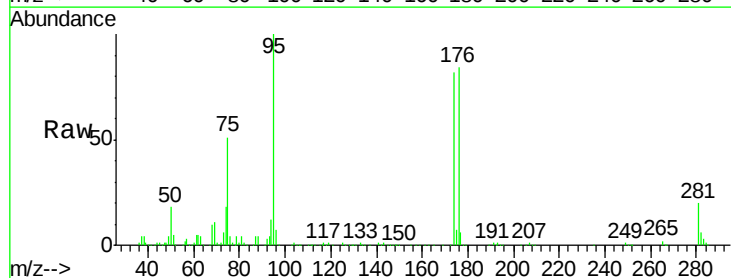
Tgt Ion: 95 Resp: 123987

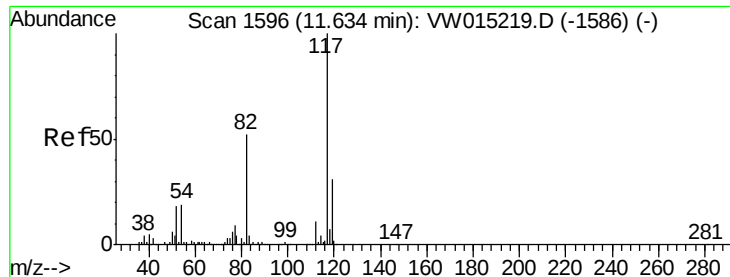
Ion Ratio Lower Upper

95 100

174 86.0 0.0 144.4

176 84.4 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015251.D

Acq: 21 Apr 2020 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBL01

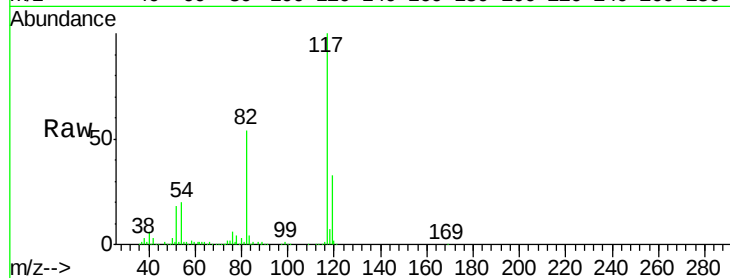
Tot Ion:117 Resp: 276630

Ion Ratio Lower Upper

117 100

82 53.6 44.1 66.1

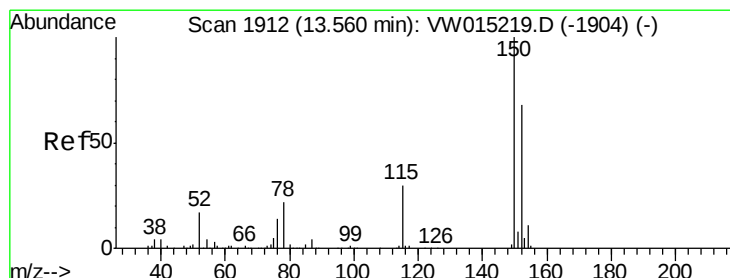
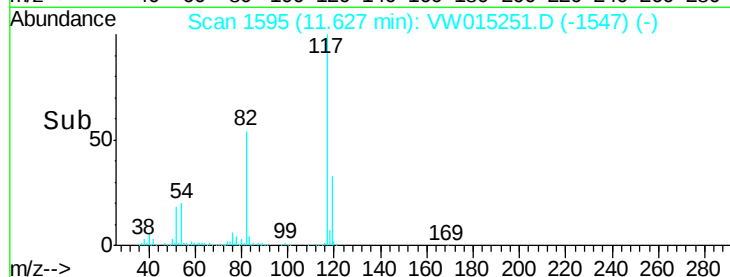
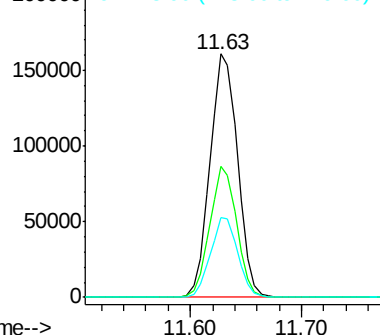
119 32.6 24.9 37.3



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015251.D

Acq: 21 Apr 2020 10:21

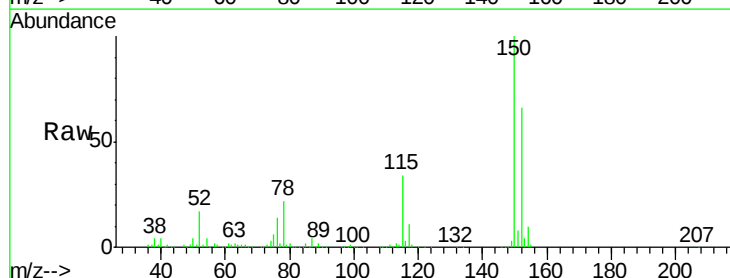
Tgt Ion:152 Resp: 124906

Ion Ratio Lower Upper

152 100

115 54.6 31.3 93.9

150 154.0 0.0 343.4



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

