

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008913.D
 Acq On : 01 Mar 2019 04:29
 Operator : SY/VA
 Sample : K1665-07
 Misc : 7.03G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 200031

Quant Time: Mar 01 07:14:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	26539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	35909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	35472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15460	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	13739	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	
35) Dibromofluoromethane	7.89	113	11624	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
50) Toluene-d8	10.32	98	43869	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.62	95	15282	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

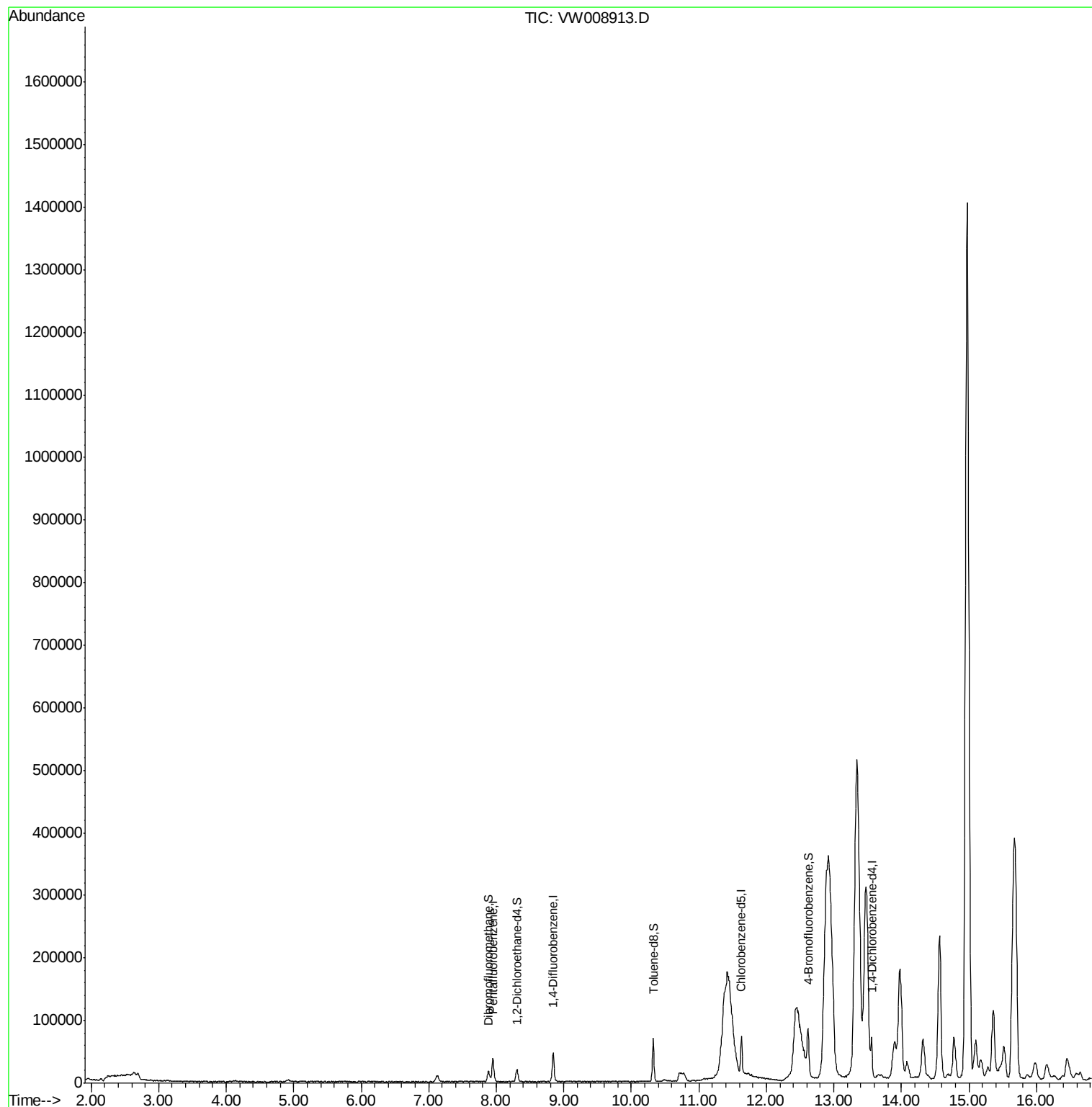
Target Compounds	Qvalue

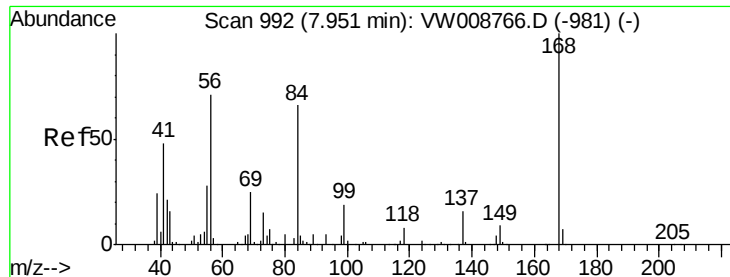
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022819\
Data File : VW008913.D
Acq On : 01 Mar 2019 04:29
Operator : SY/VA
Sample : K1665-07
Misc : 7.03G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
200031

Quant Time: Mar 01 07:14:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008913.D

Acq: 01 Mar 2019 04:29

Instrument :

MSVOA_W

ClientSampled :

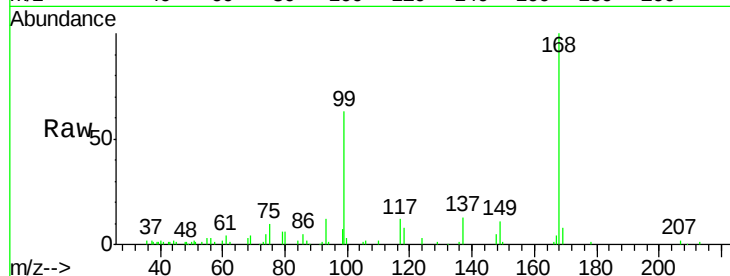
200031

Tot Ion:168 Resp: 26539

Ion Ratio Lower Upper

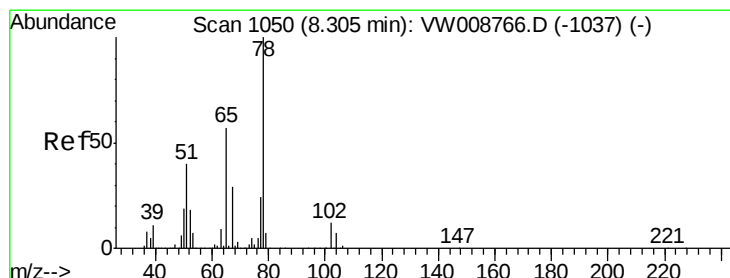
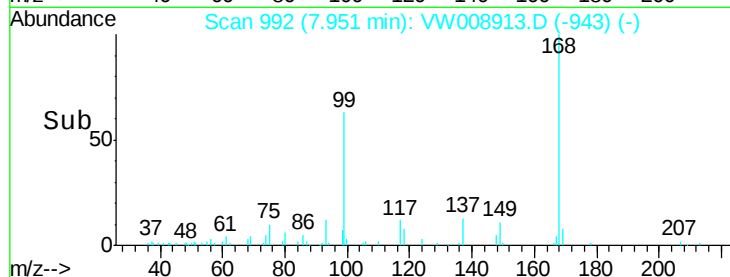
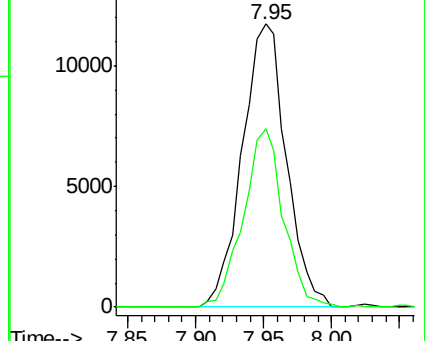
168 100

99 63.0 42.2 63.2



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: 55.196 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008913.D

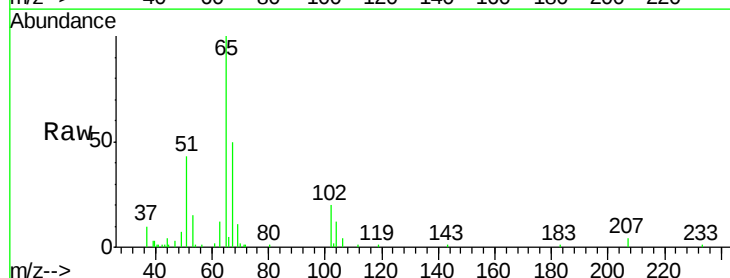
Acq: 01 Mar 2019 04:29

Tgt Ion: 65 Resp: 13739

Ion Ratio Lower Upper

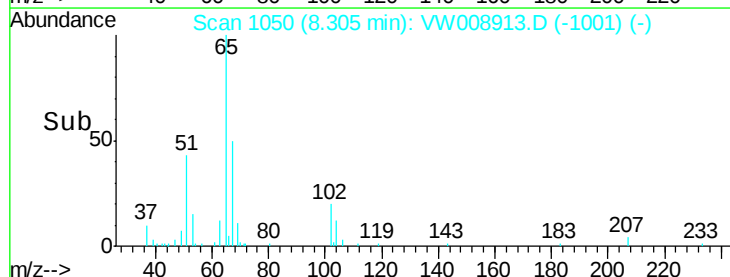
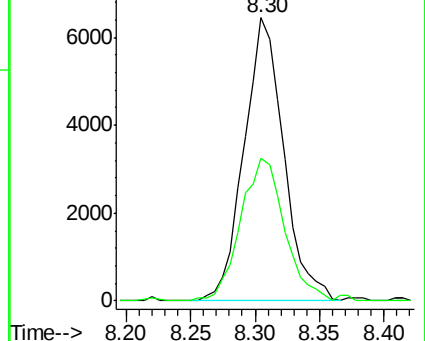
65 100

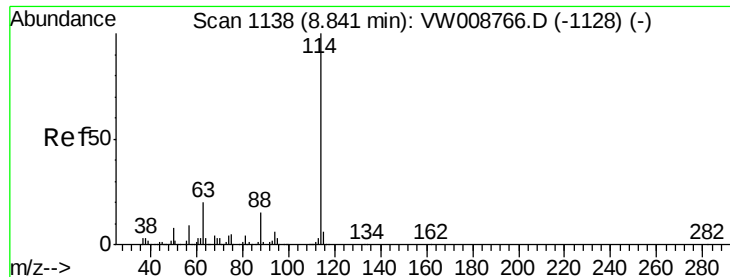
67 55.7 0.0 101.4



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: VW008913.D

Acq: 01 Mar 2019 04:29

Instrument :

MSVOA_W

ClientSampleId :

200031

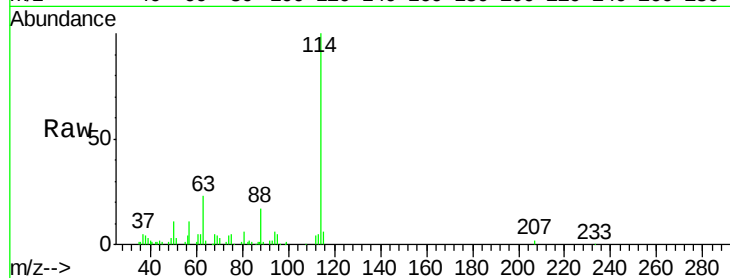
Tot Ion:114 Resp: 35909

Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.8

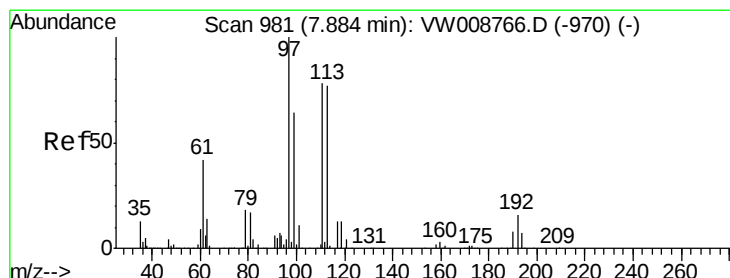
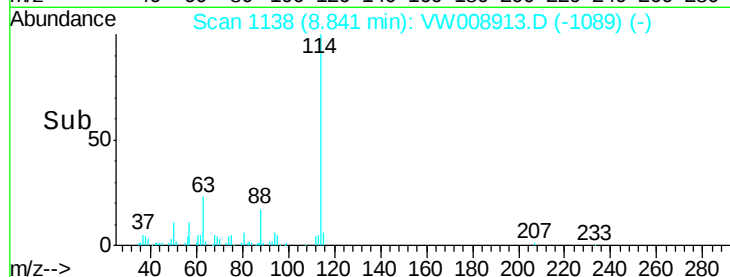
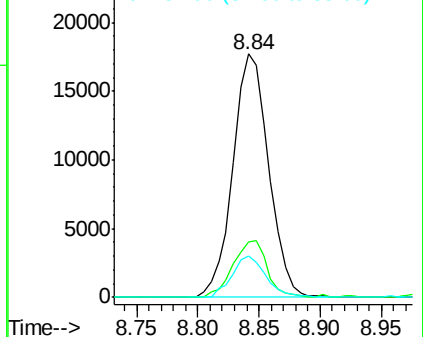
88 17.1 0.0 30.4



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: 53.914 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW008913.D

Acq: 01 Mar 2019 04:29

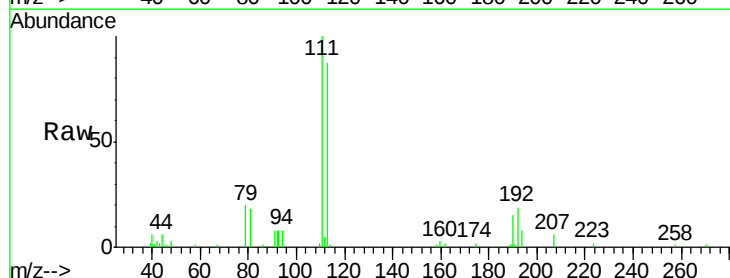
Tgt Ion:113 Resp: 11624

Ion Ratio Lower Upper

113 100

111 108.1 81.9 122.9

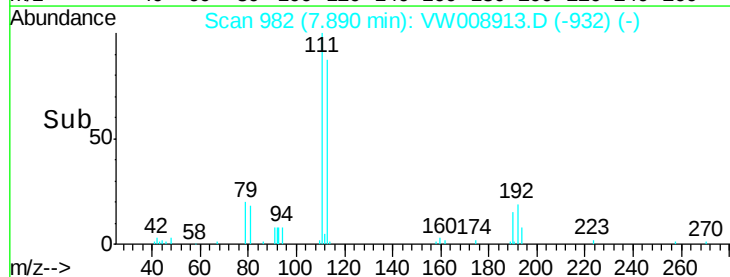
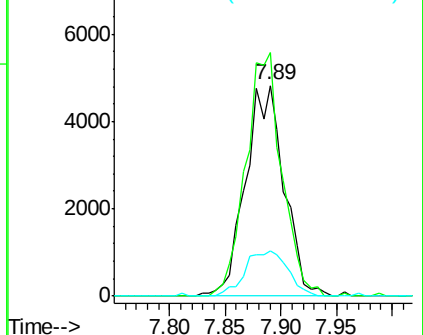
192 23.8 17.1 25.7

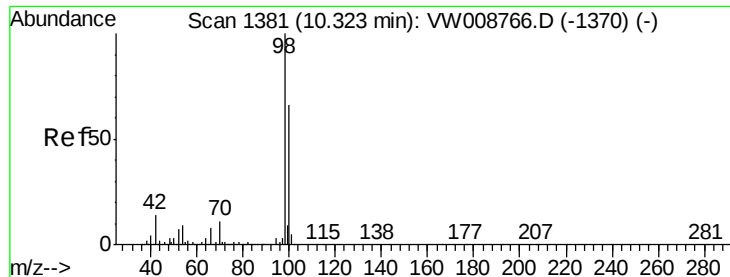


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.709 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008913.D

Acq: 01 Mar 2019 04:29

Instrument :

MSVOA_W

ClientSampled :

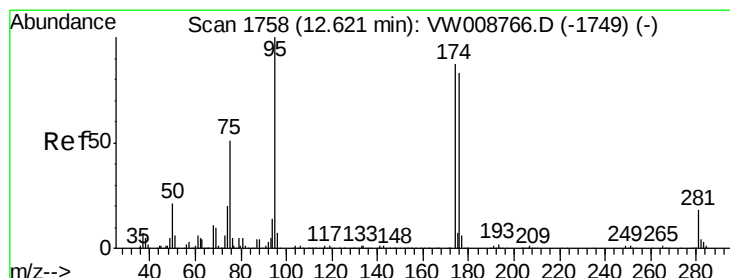
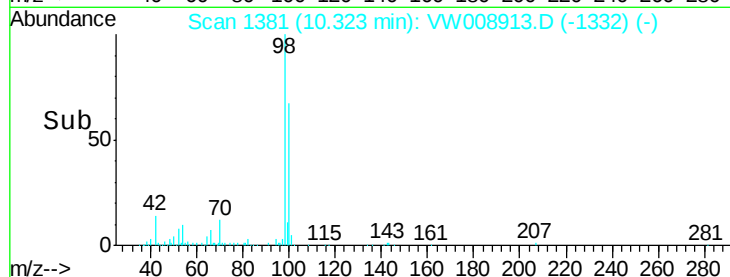
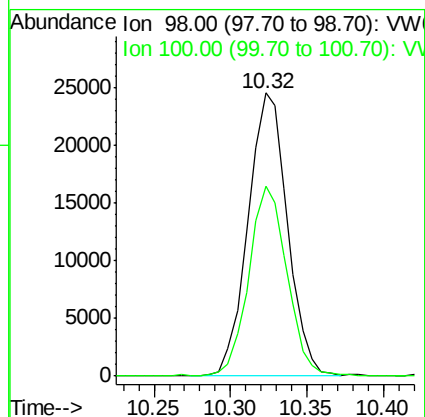
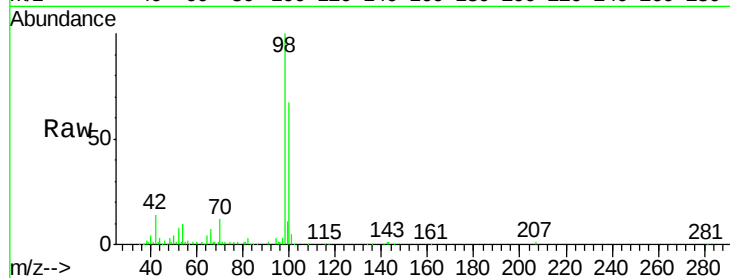
200031

Tot Ion: 98 Resp: 43869

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.895 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008913.D

Acq: 01 Mar 2019 04:29

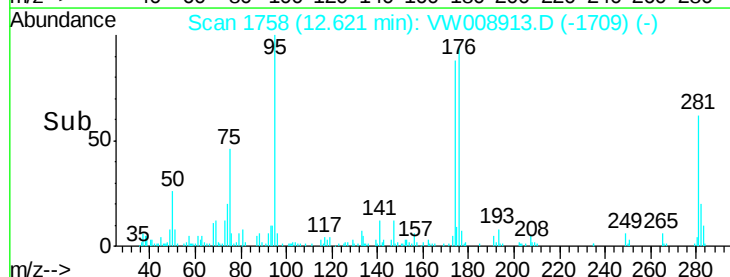
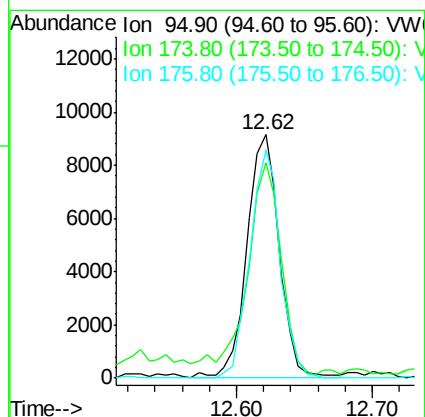
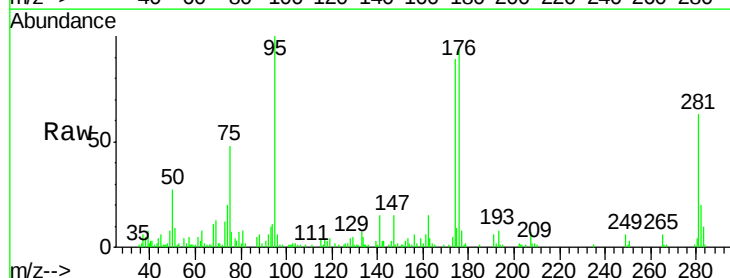
Tgt Ion: 95 Resp: 15282

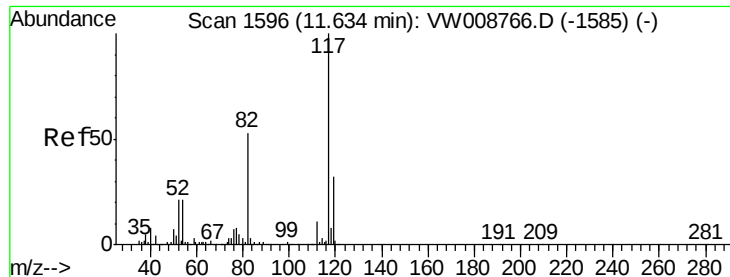
Ion Ratio Lower Upper

95 100

174 93.1 0.0 169.2

176 88.0 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008913.D

Acq: 01 Mar 2019 04:29

Instrument :

MSVOA_W

ClientSampleId :

200031

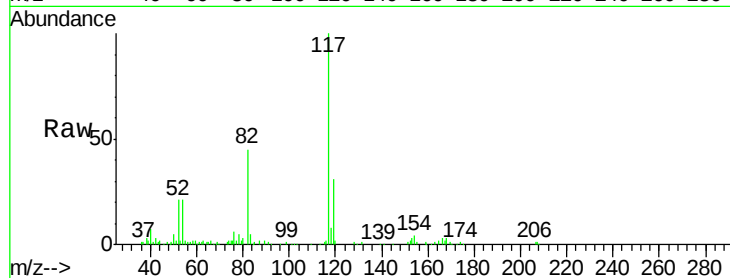
Tot Ion:117 Resp: 35472

Ion Ratio Lower Upper

117 100

82 45.0 42.2 63.4

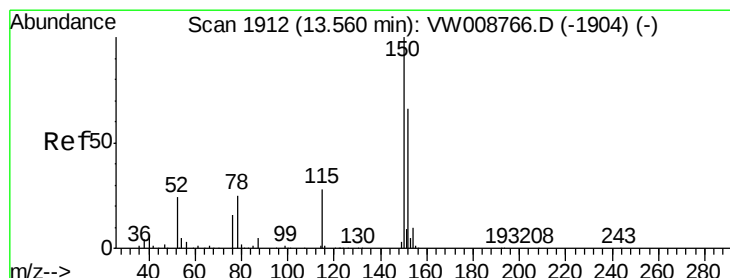
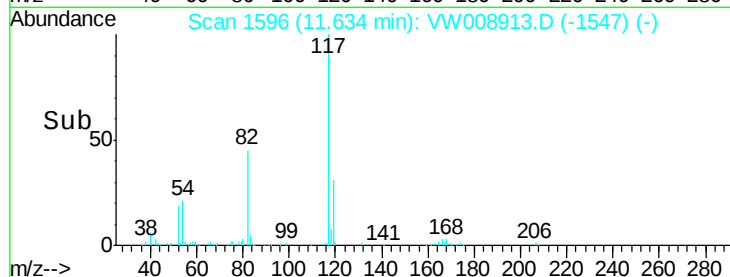
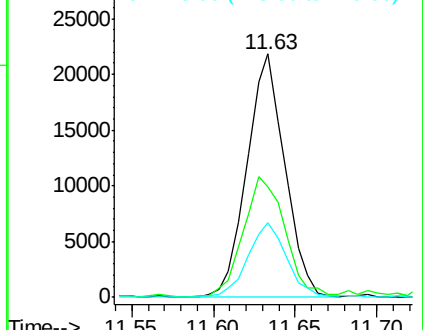
119 30.6 25.9 38.9



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: VW008913.D

Acq: 01 Mar 2019 04:29

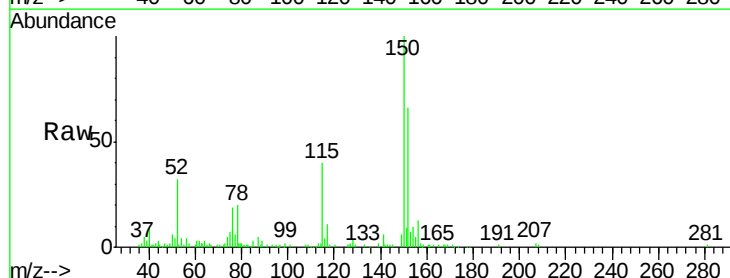
Tgt Ion:152 Resp: 15460

Ion Ratio Lower Upper

152 100

115 54.9 28.6 85.8

150 148.9 0.0 348.0



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

