

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008862.D
 Acq On : 27 Feb 2019 18:36
 Operator : SY/VA
 Sample : K1638-04
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PE-4(NORTH-SITE-WALL)

Quant Time: Feb 28 07:46:53 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	338712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	520069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	465979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	222225	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	194679	61.28	ug/l	0.00
Spiked Amount						
			Recovery	=	122.56%	
35) Dibromofluoromethane	7.88	113	165662	53.05	ug/l	0.00
Spiked Amount						
			Recovery	=	106.10%	
50) Toluene-d8	10.32	98	616169	51.12	ug/l	0.00
Spiked Amount						
			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.62	95	212887	45.11	ug/l	0.00
Spiked Amount						
			Recovery	=	90.22%	

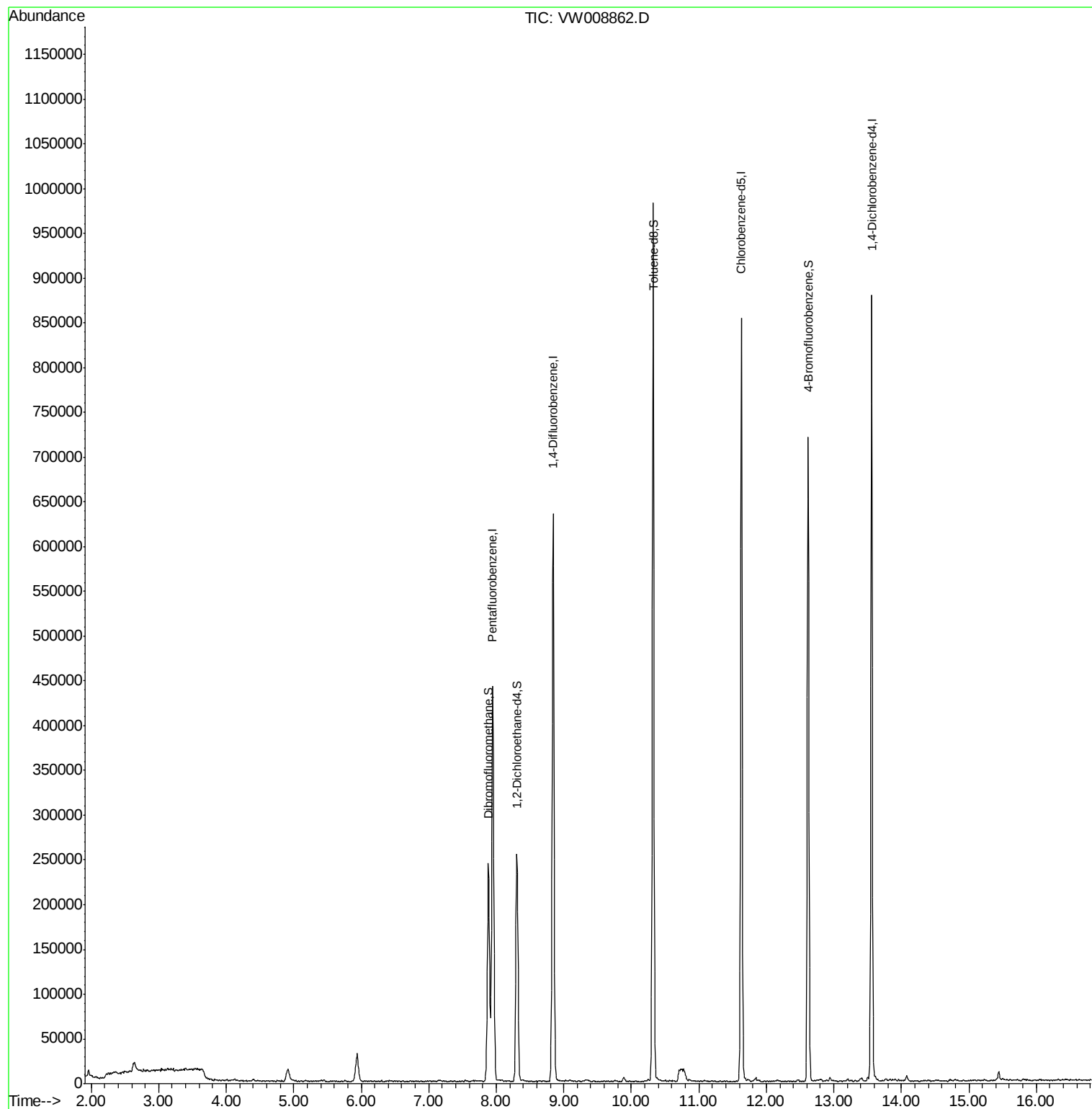
Target Compounds	Qvalue
------------------	--------

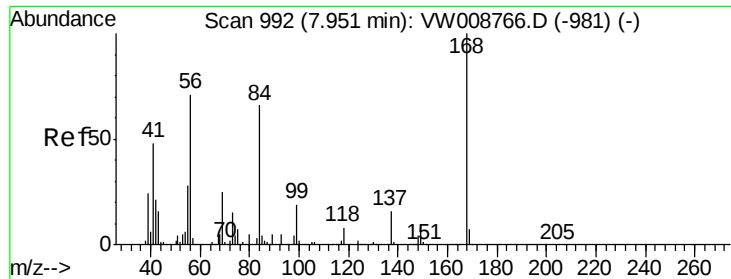
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022719\
Data File : VW008862.D
Acq On : 27 Feb 2019 18:36
Operator : SY/VA
Sample : K1638-04
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PE-4(NORTH-SITE-WALL)

Quant Time: Feb 28 07:46:53 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: VW008862.D

Acq: 27 Feb 2019 18:36

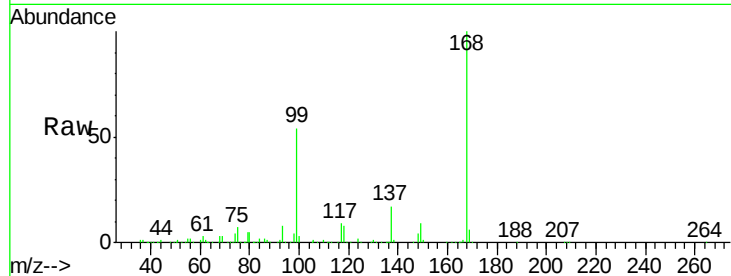
Instrument :
MSVOA_W
ClientSampleId :
PE-4(NORTH-SITE-WALL)

Tot Ion:168 Resp: 338712

Ion Ratio Lower Upper

168 100

99 53.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

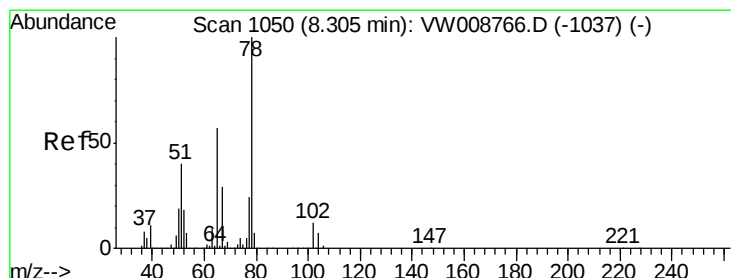
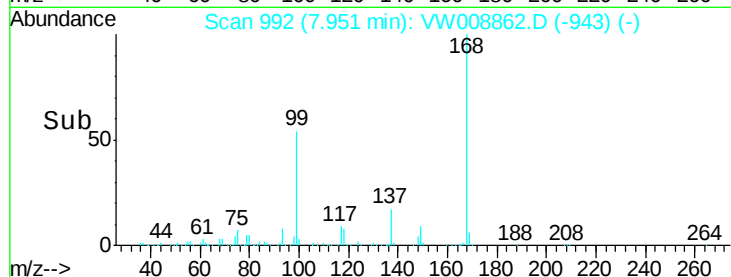
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 61.281 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008862.D

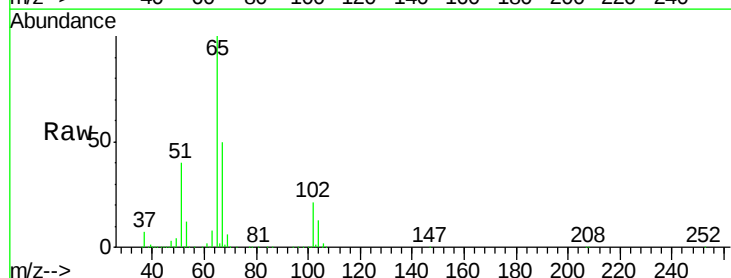
Acq: 27 Feb 2019 18:36

Tgt Ion: 65 Resp: 194679

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

100000

80000

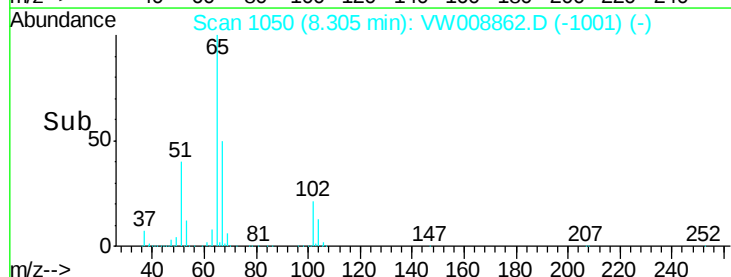
60000

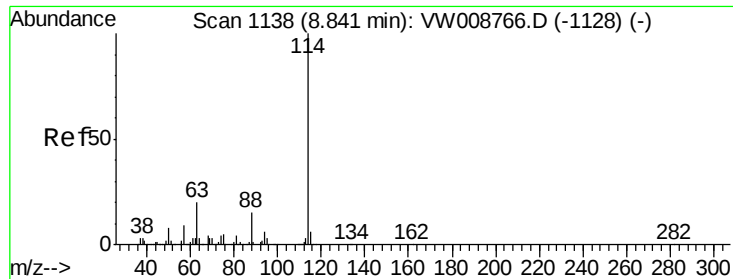
40000

20000

0

Time--> 8.20 8.30 8.40

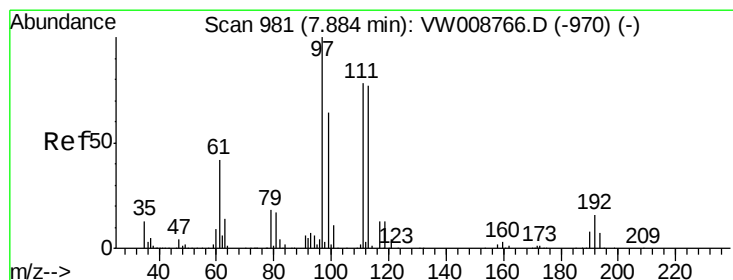
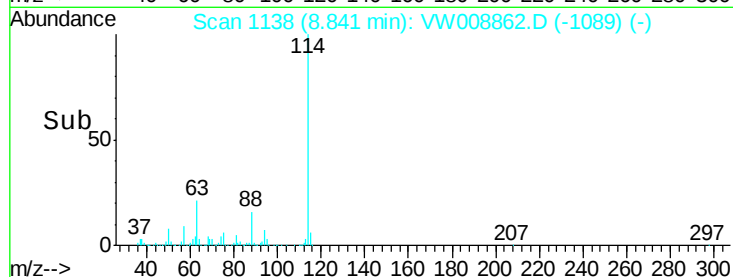
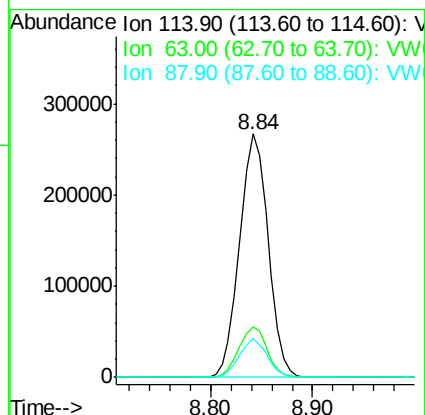
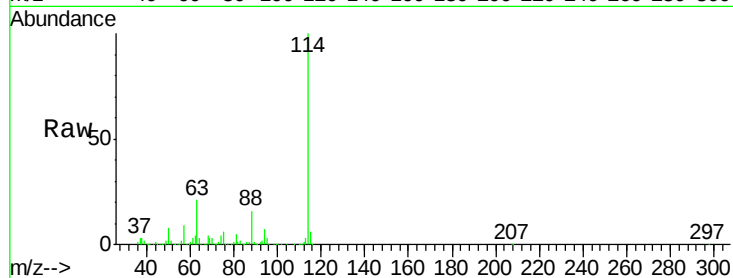




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008862.D
 Acq: 27 Feb 2019 18:36

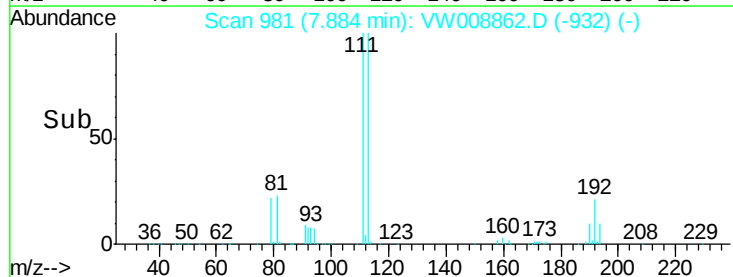
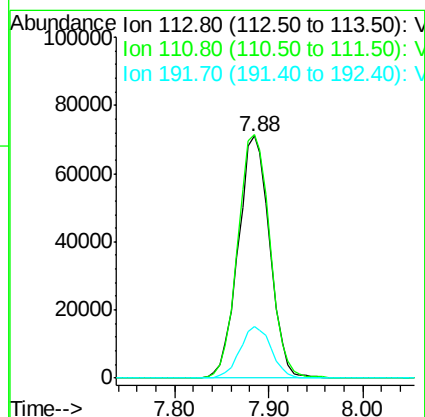
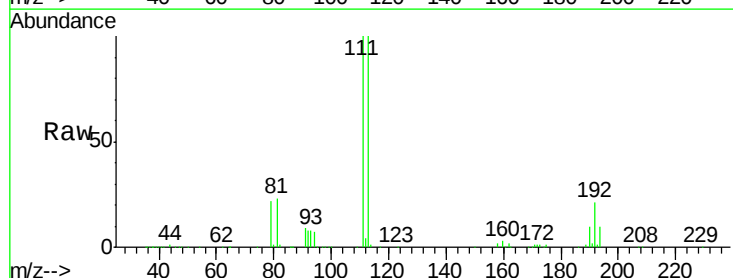
Instrument :
 MSVOA_W
 ClientSampleId :
 PE-4(NORTH-SITE-WALL)

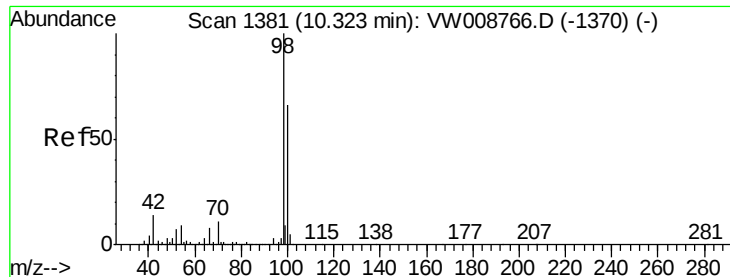
Tot Ion:114 Resp: 520069
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 15.8 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 53.053 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008862.D
 Acq: 27 Feb 2019 18:36

Tgt Ion:113 Resp: 165662
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 21.1 17.1 25.7





#50

Toluene-d8

Concen: 51.117 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008862.D

Acq: 27 Feb 2019 18:36

Instrument :

MSVOA_W

ClientSampleId :

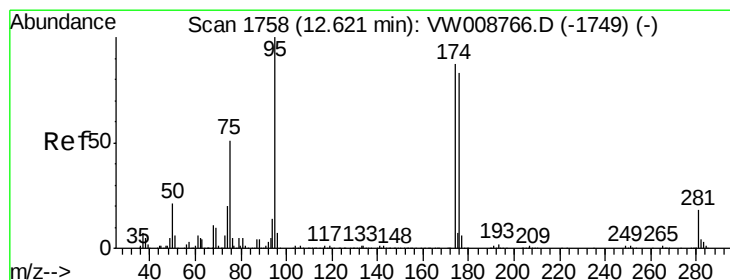
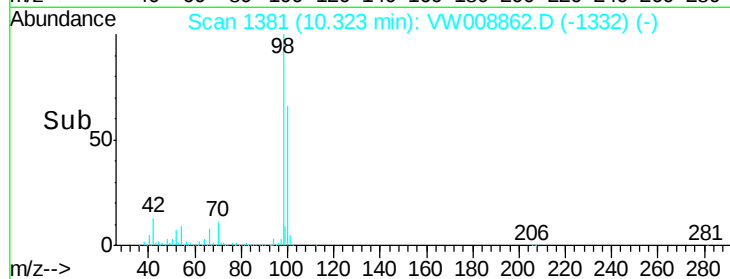
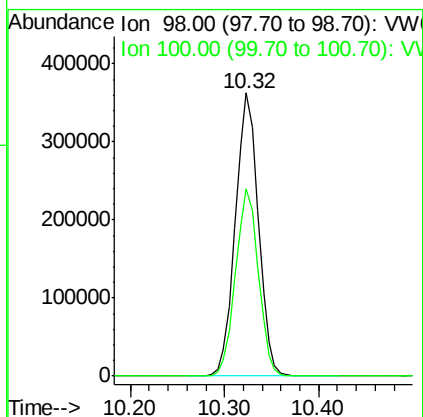
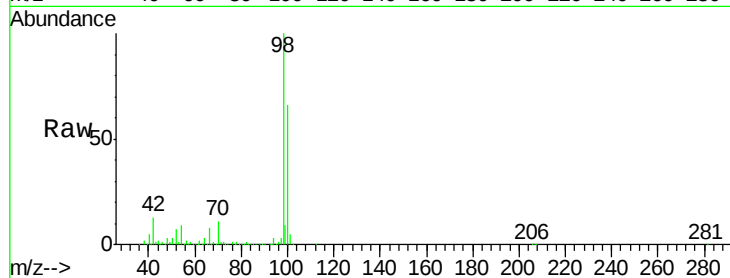
PE-4(NORTH-SITE-WALL)

Tot Ion: 98 Resp: 616169

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.107 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008862.D

Acq: 27 Feb 2019 18:36

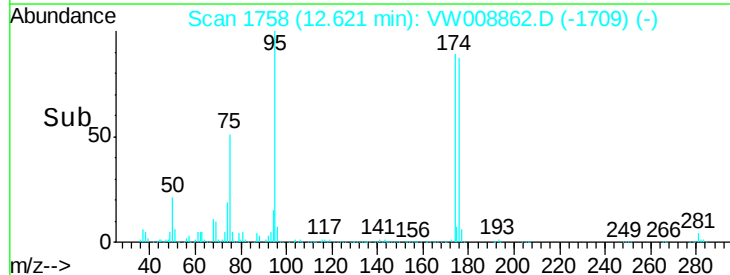
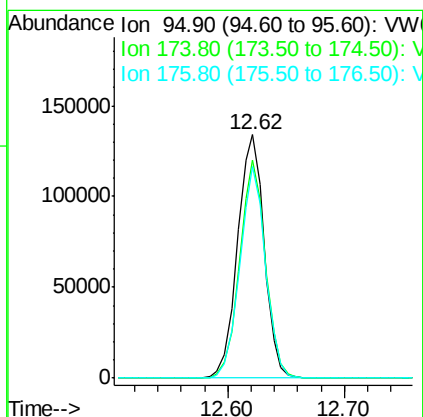
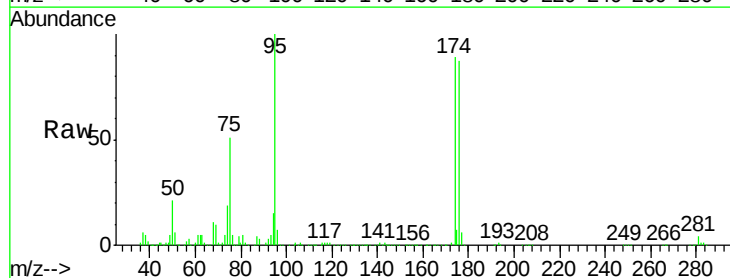
Tgt Ion: 95 Resp: 212887

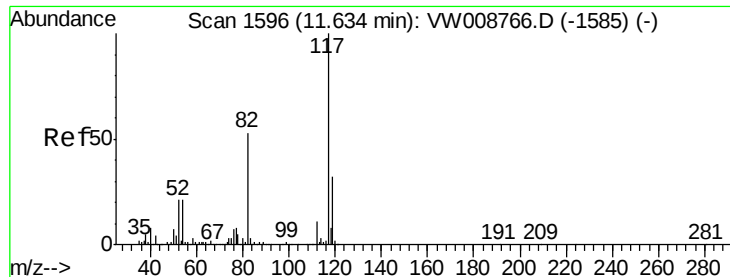
Ion Ratio Lower Upper

95 100

174 86.9 0.0 169.2

176 84.2 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: VW008862.D

Acq: 27 Feb 2019 18:36

Instrument :

MSVOA_W

ClientSampleId :

PE-4(NORTH-SITE-WALL)

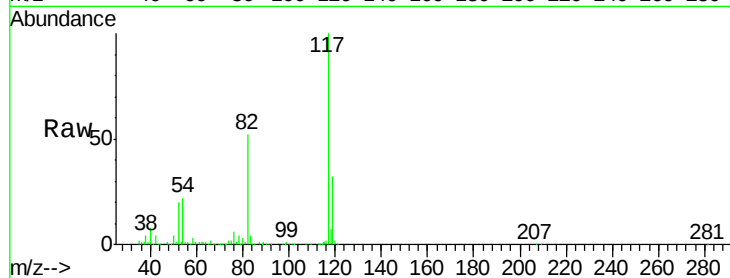
Tot Ion:117 Resp: 465979

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.4

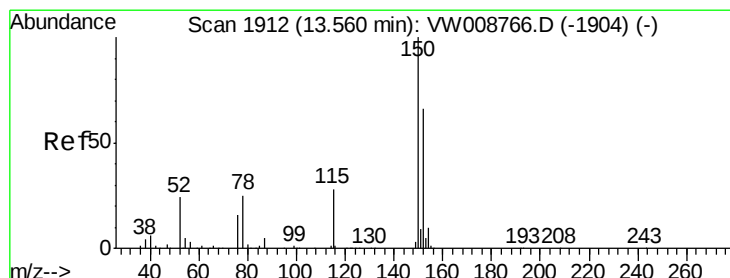
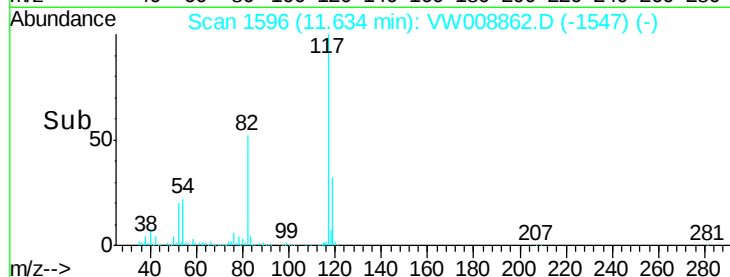
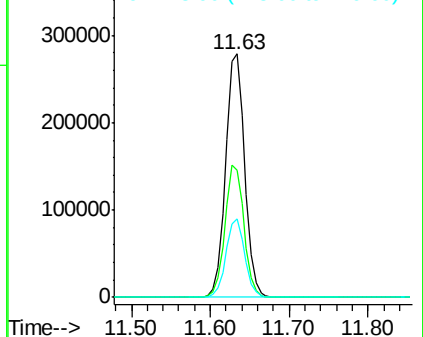
119 32.3 25.9 38.9



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: VW008862.D

Acq: 27 Feb 2019 18:36

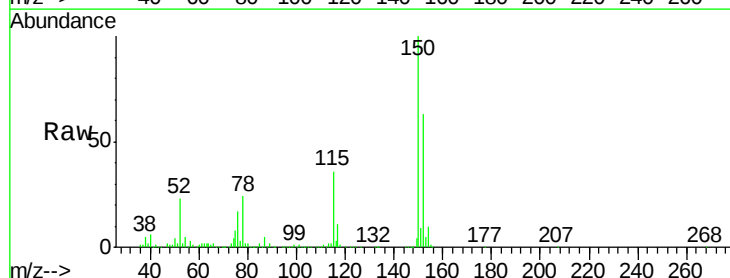
Tgt Ion:152 Resp: 222225

Ion Ratio Lower Upper

152 100

115 57.1 28.6 85.8

150 156.1 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

