

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008860.D
 Acq On : 27 Feb 2019 17:42
 Operator : SY/VA
 Sample : K1638-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PE-2(SOUTH-SITE-WALL)

Quant Time: Feb 28 07:44:06 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	349274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	539609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	480972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	226250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	199445	60.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.76%	
35) Dibromofluoromethane	7.88	113	162939	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.32	98	639791	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.62	95	220306	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	

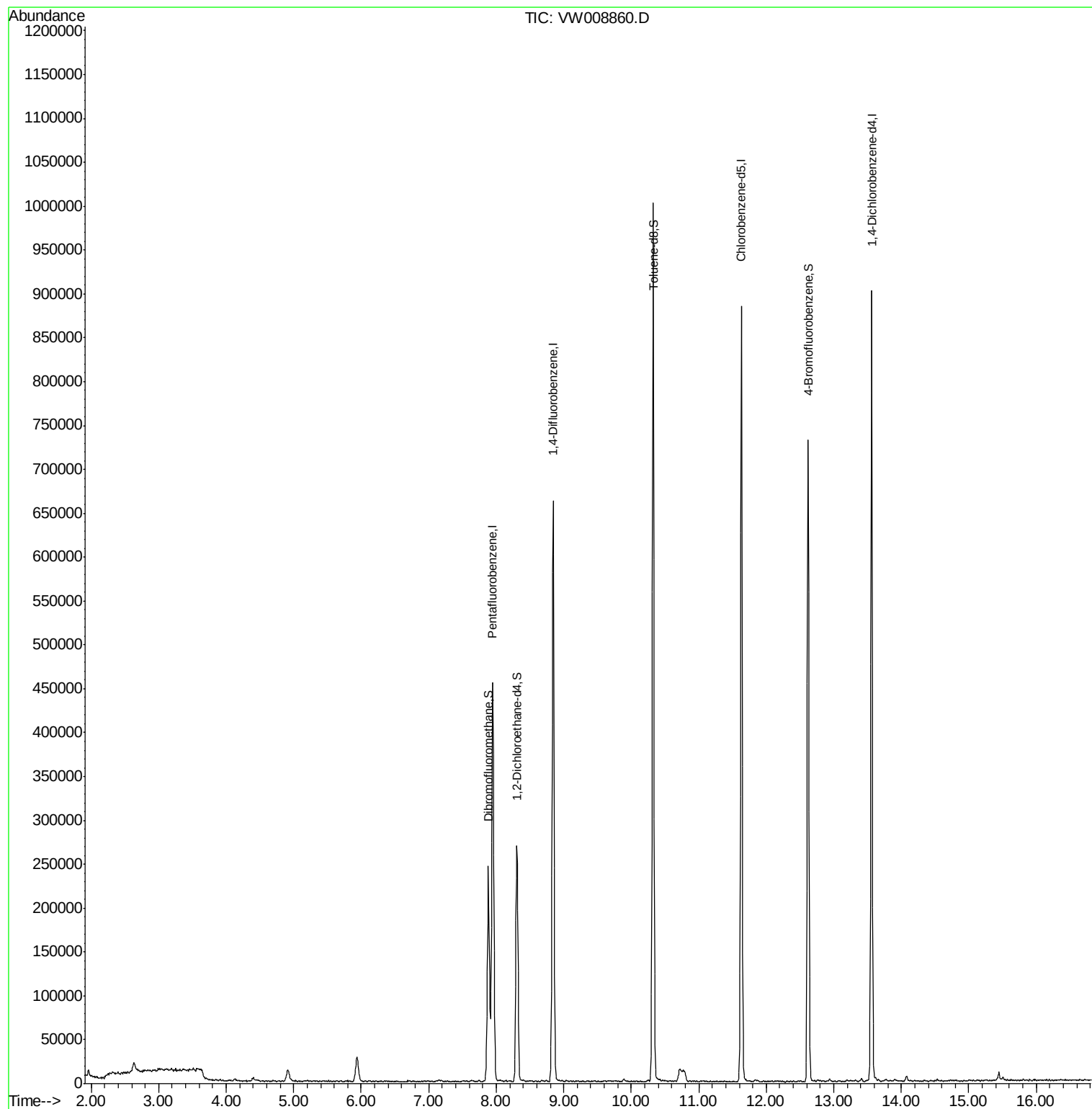
Target Compounds	Qvalue

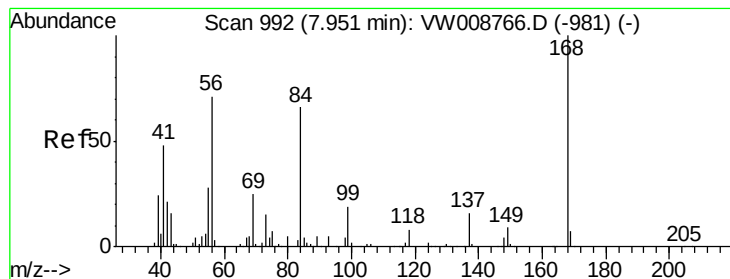
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008860.D

Acq: 27 Feb 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

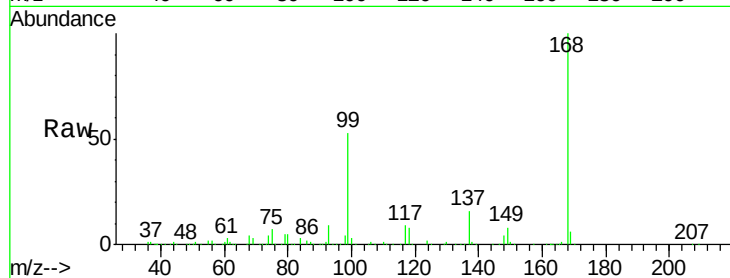
PE-2(SOUTH-SITE-WALL)

Tot Ion:168 Resp: 349274

Ion Ratio Lower Upper

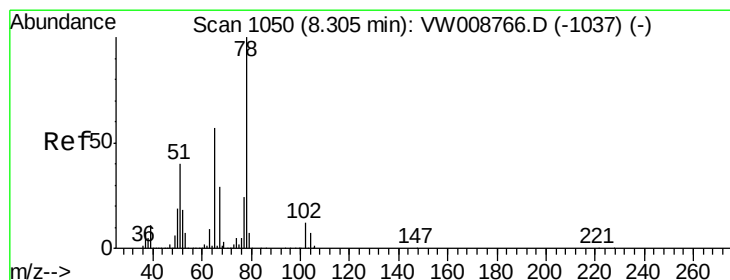
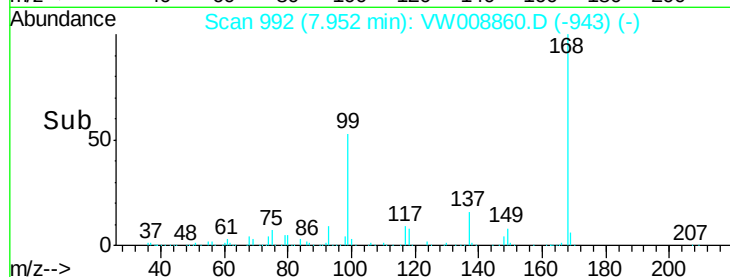
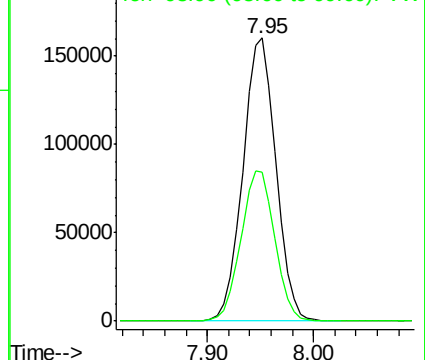
168 100

99 52.9 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: 60.883 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008860.D

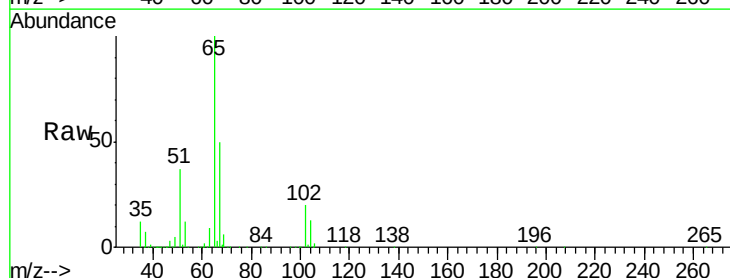
Acq: 27 Feb 2019 17:42

Tgt Ion: 65 Resp: 199445

Ion Ratio Lower Upper

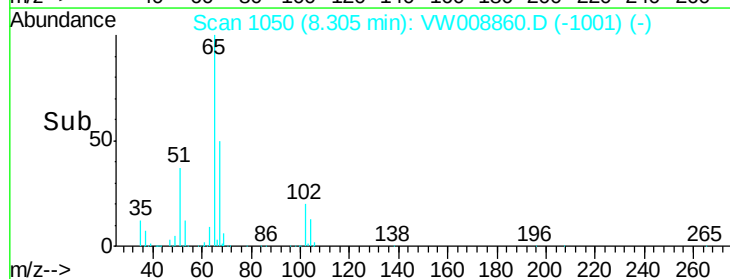
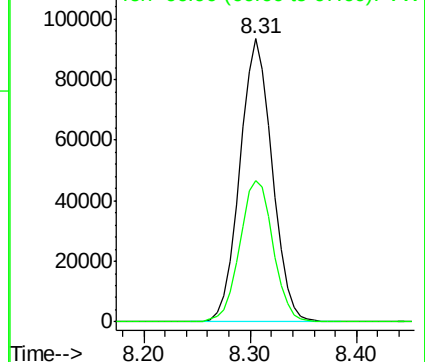
65 100

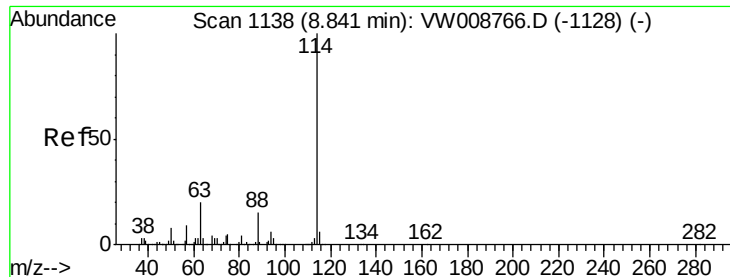
67 51.5 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

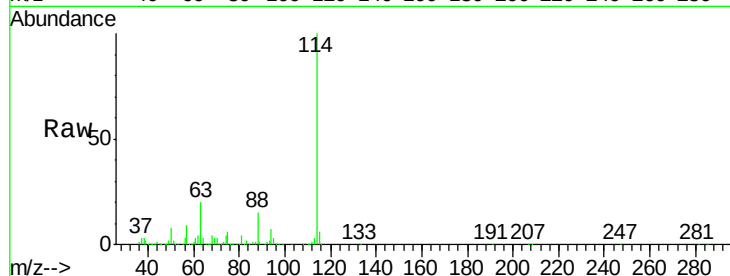




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008860.D
Acq: 27 Feb 2019 17:42

Instrument :
MSVOA_W
ClientSampleId :
PE-2(SOUTH-SITE-WALL)

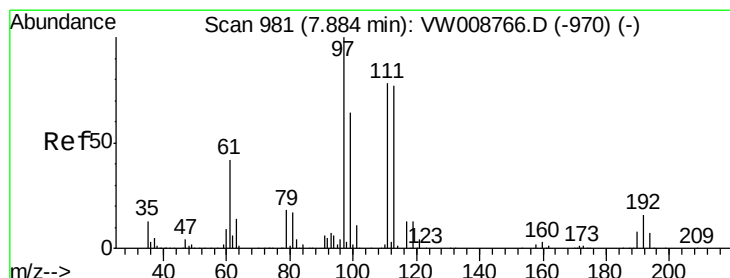
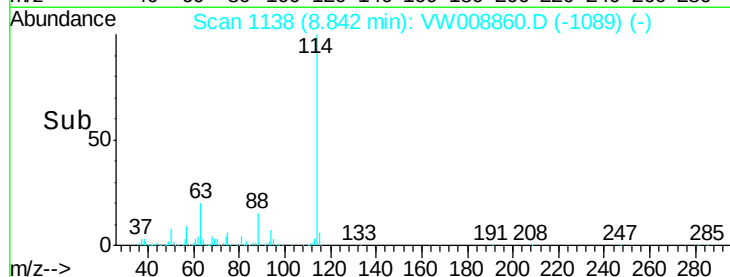
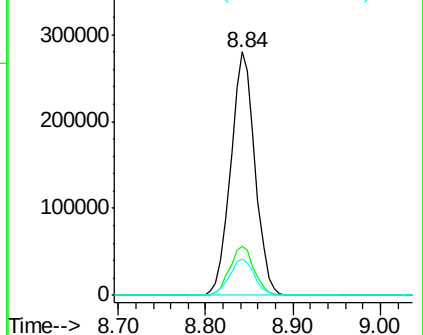
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	15.1	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

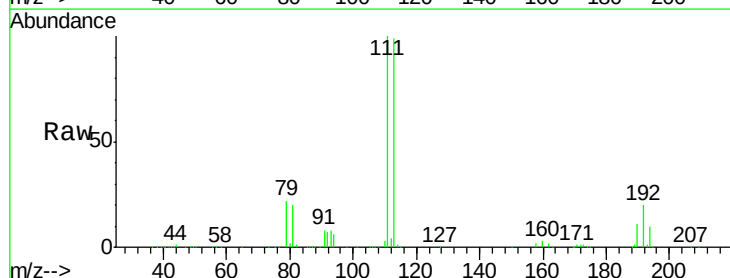
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 50.292 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008860.D
Acq: 27 Feb 2019 17:42

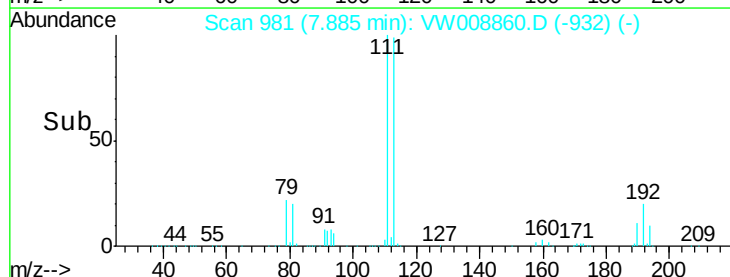
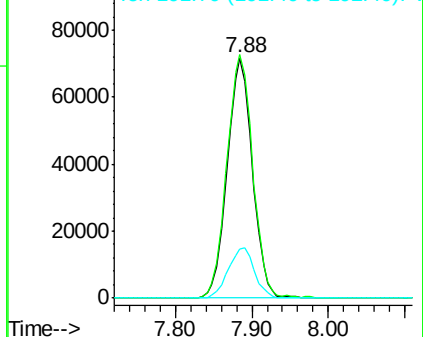
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.9	122.9
192	21.9	17.1	25.7

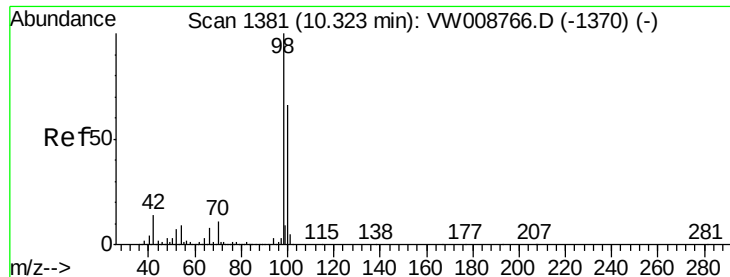


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.155 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008860.D

Acq: 27 Feb 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

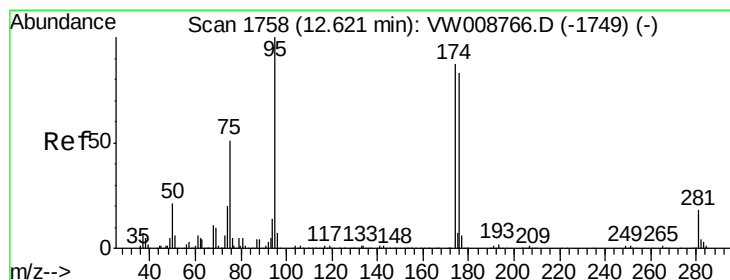
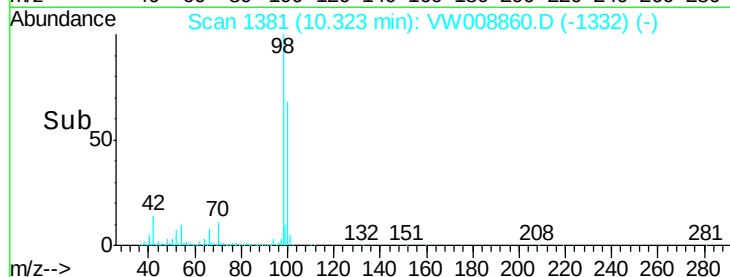
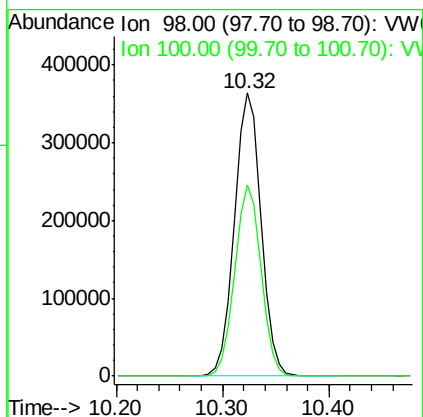
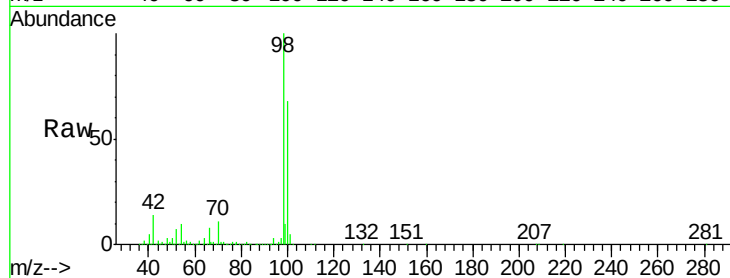
PE-2(SOUTH-SITE-WALL)

Tot Ion: 98 Resp: 639791

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.988 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008860.D

Acq: 27 Feb 2019 17:42

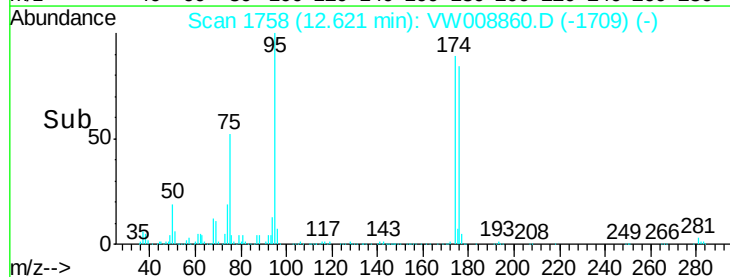
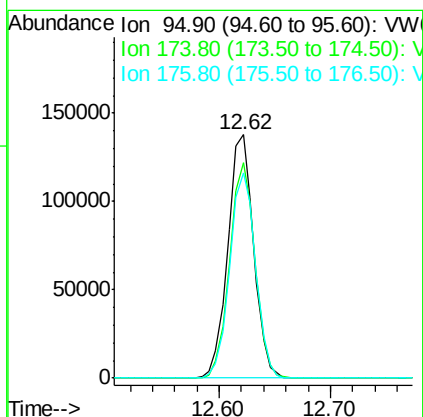
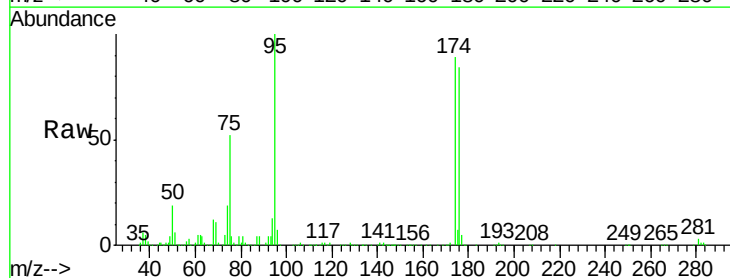
Tgt Ion: 95 Resp: 220306

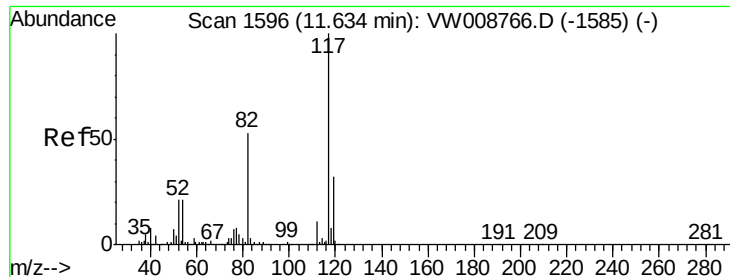
Ion Ratio Lower Upper

95 100

174 87.4 0.0 169.2

176 84.5 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: VW008860.D

Acq: 27 Feb 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

PE-2(SOUTH-SITE-WALL)

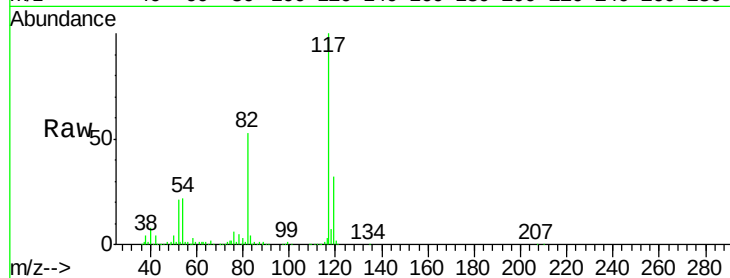
Tot Ion:117 Resp: 480972

Ion Ratio Lower Upper

117 100

82 53.5 42.2 63.4

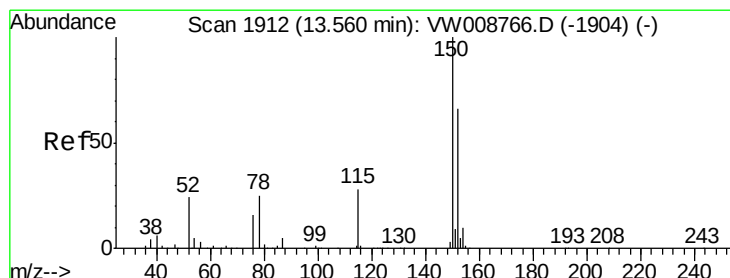
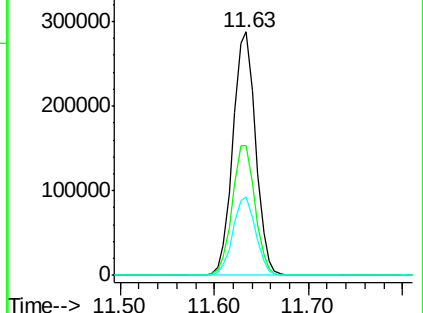
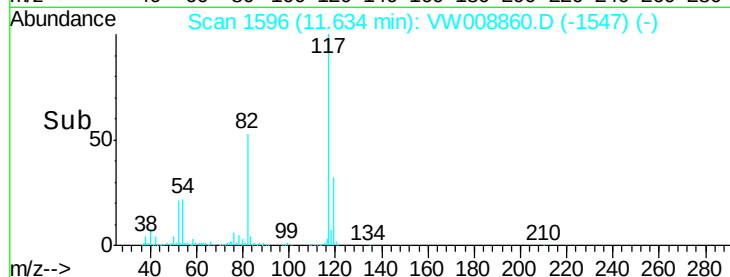
119 32.2 25.9 38.9



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: VW008860.D

Acq: 27 Feb 2019 17:42

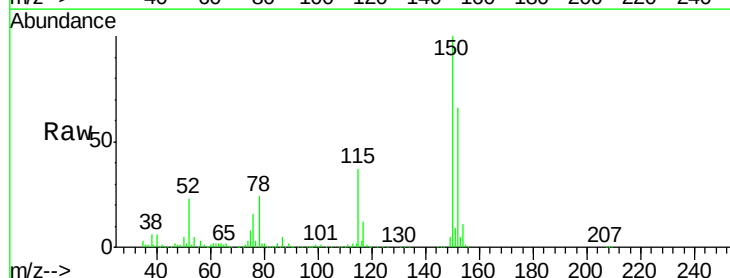
Tgt Ion:152 Resp: 226250

Ion Ratio Lower Upper

152 100

115 57.6 28.6 85.8

150 157.8 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

