

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010352.D
 Acq On : 10 May 2019 13:10
 Operator : SY/VA
 Sample : VW0510SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBL01

Quant Time: May 10 23:44:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

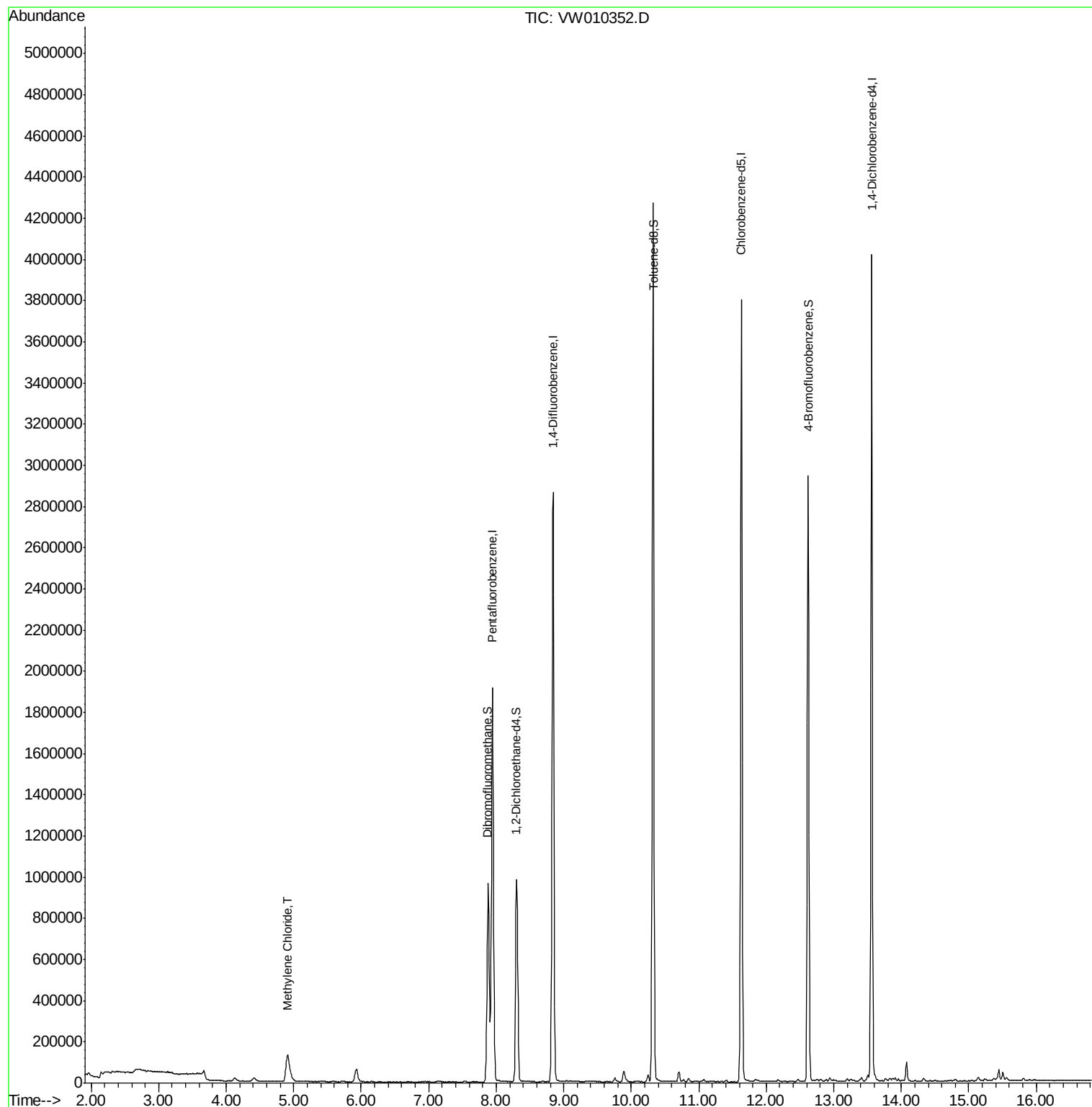
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1379950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2336070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2085445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	980648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	790580	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
35) Dibromofluoromethane	7.88	113	701630	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	10.32	98	2754786	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.62	95	936198	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
Target Compounds						
20) Methylene Chloride	4.92	84	124150	7.783	ug/l	Qvalue 95

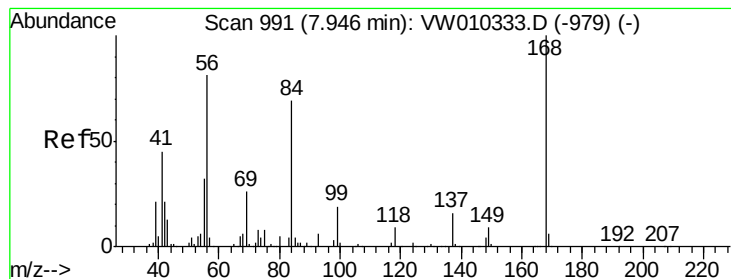
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010352.D

Acq: 10 May 2019 13:10

Instrument :

MSVOA_W

ClientSampleId :

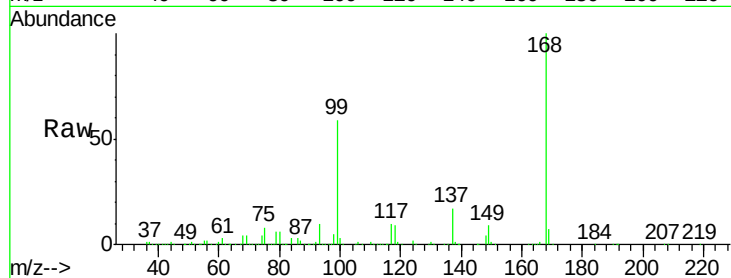
VW0510SBL01

Tot Ion:168 Resp: 1379950

Ion Ratio Lower Upper

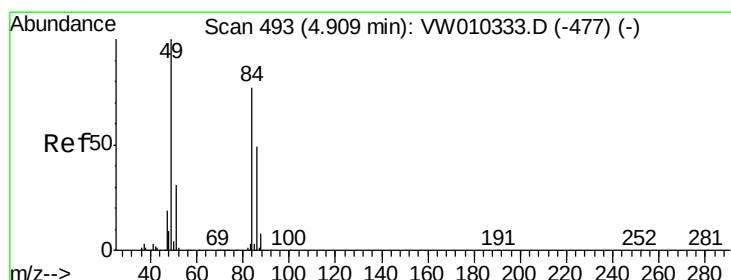
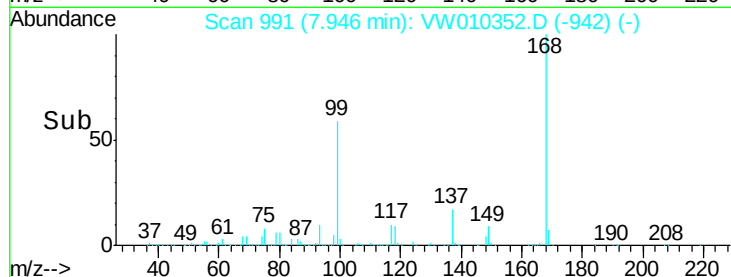
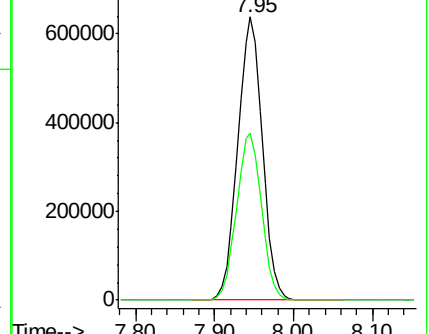
168 100

99 58.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 7.783 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW010352.D

Acq: 10 May 2019 13:10

Tgt Ion: 84 Resp: 124150

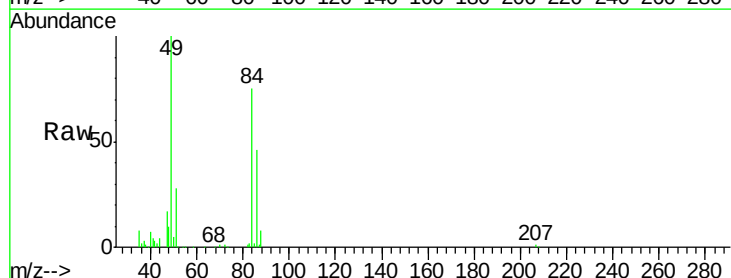
Ion Ratio Lower Upper

84 100

49 133.2 112.3 168.5

51 37.6 33.9 50.9

86 62.2 50.2 75.4

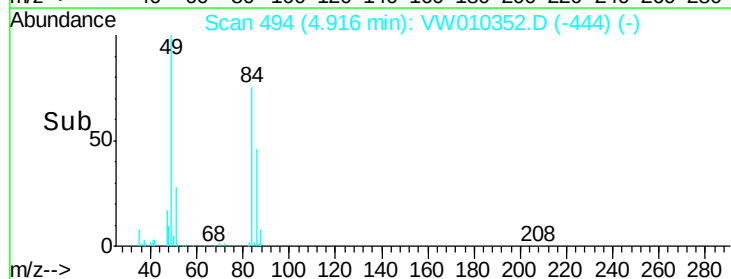
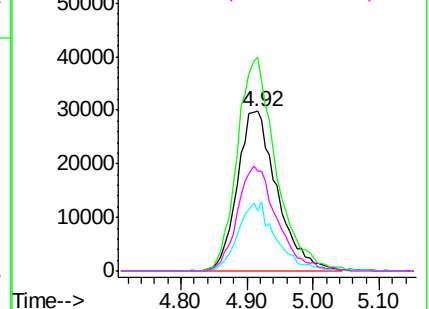


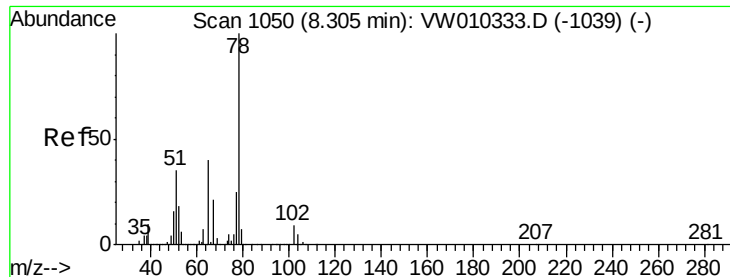
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

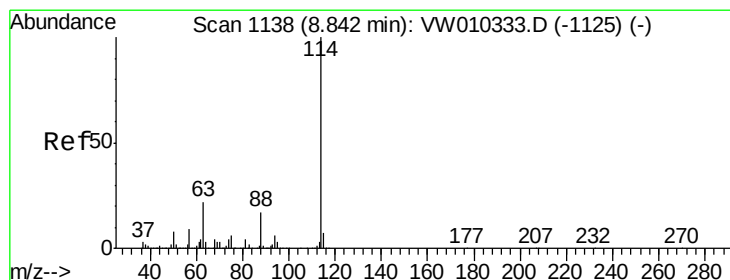
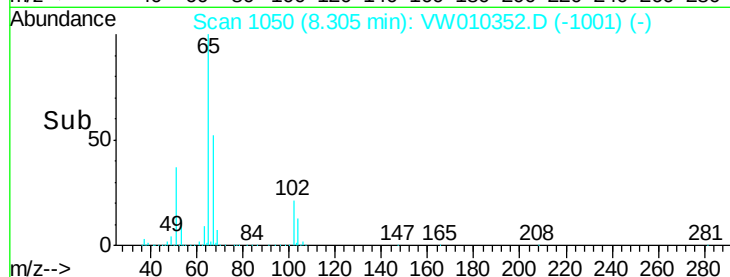
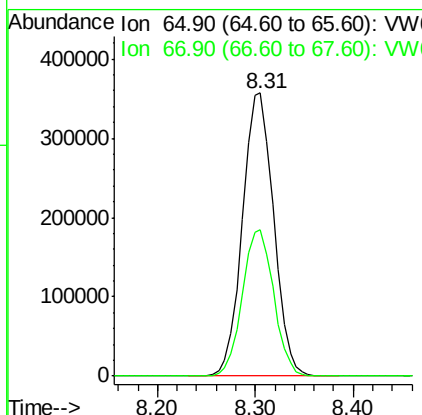
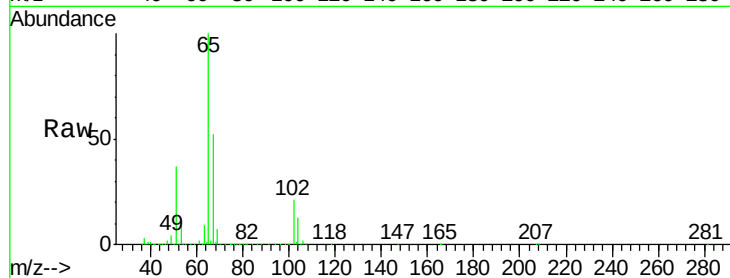




#33
 1,2-Dichloroethane-d4
 Concen: 53.888 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010352.D
 Acq: 10 May 2019 13:10

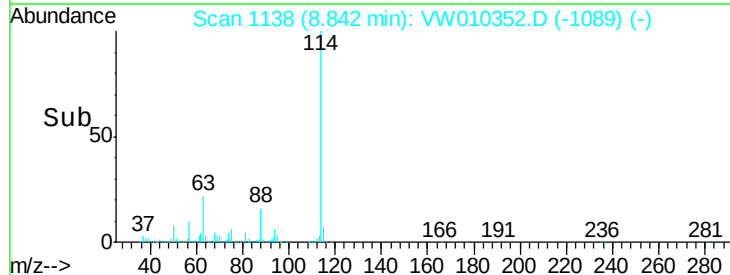
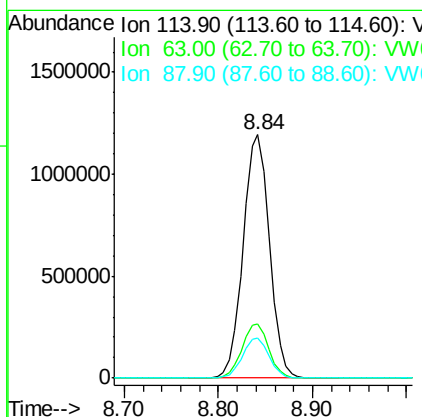
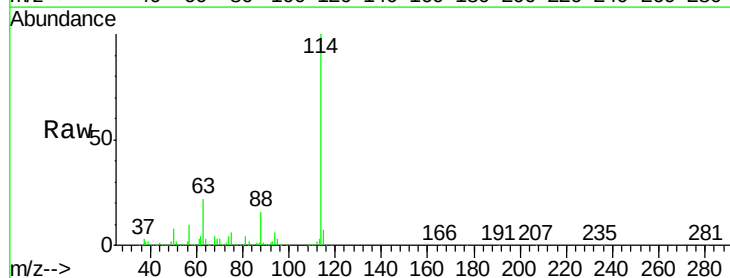
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBL01

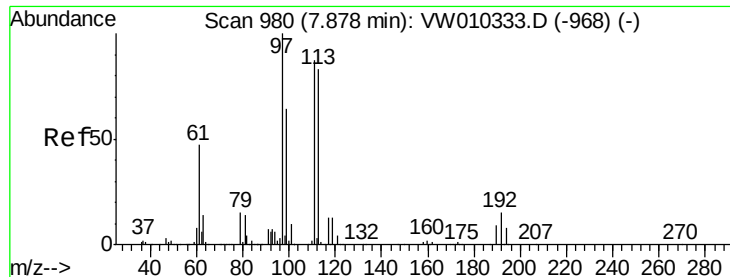
Tot Ion: 65 Resp: 790580
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010352.D
 Acq: 10 May 2019 13:10

Tgt Ion: 114 Resp: 2336070
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 46.2
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.325 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW010352.D

Acq: 10 May 2019 13:10

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBL01

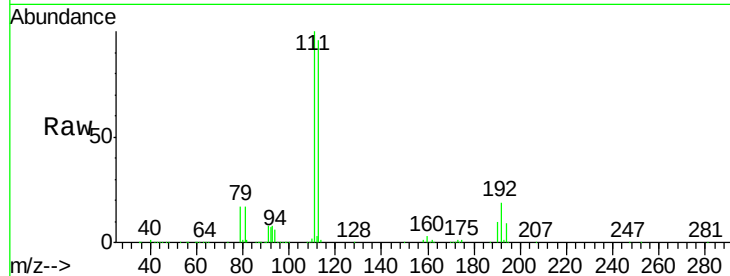
Tot Ion:113 Resp: 701630

Ion Ratio Lower Upper

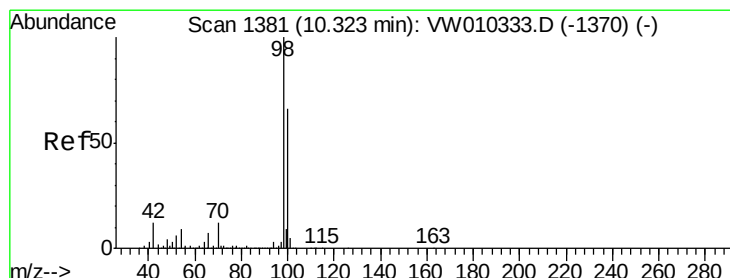
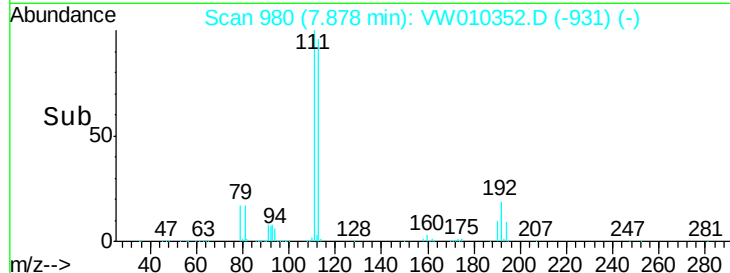
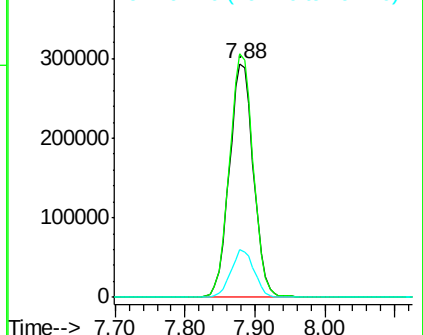
113 100

111 103.0 82.6 123.8

192 19.6 15.4 23.2



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: 49.488 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010352.D

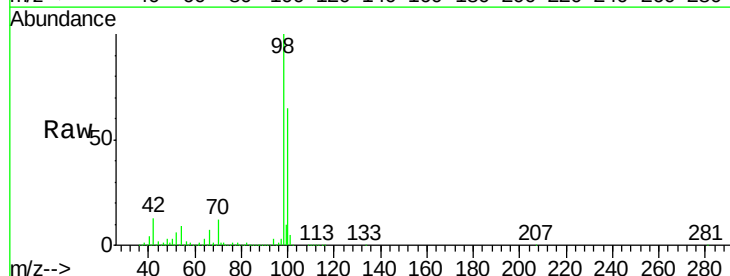
Acq: 10 May 2019 13:10

Tgt Ion: 98 Resp: 2754786

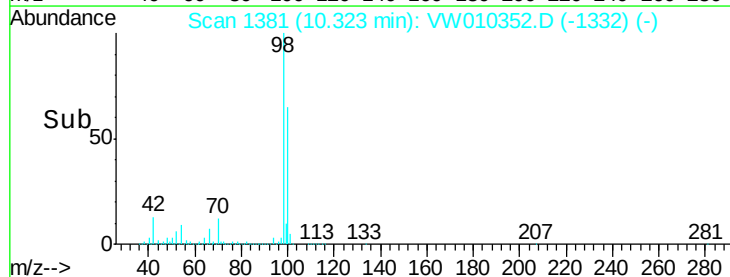
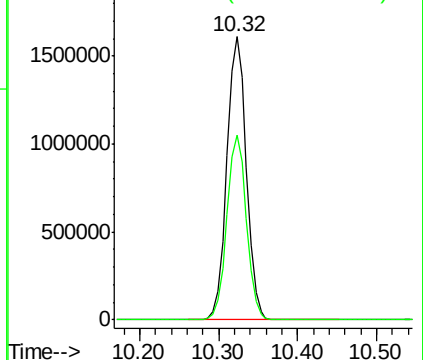
Ion Ratio Lower Upper

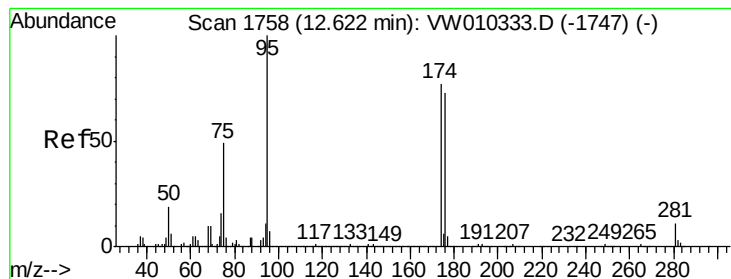
98 100

100 65.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.778 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010352.D

Acq: 10 May 2019 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBL01

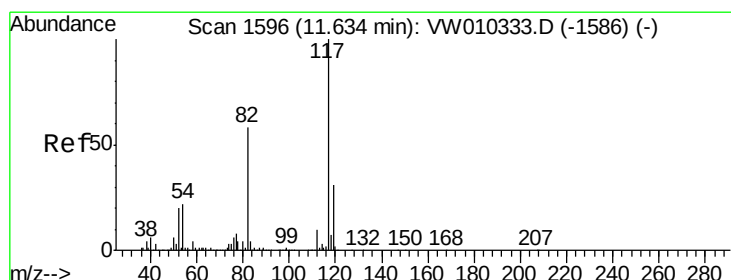
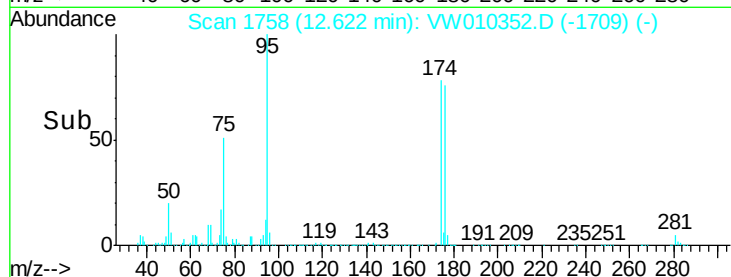
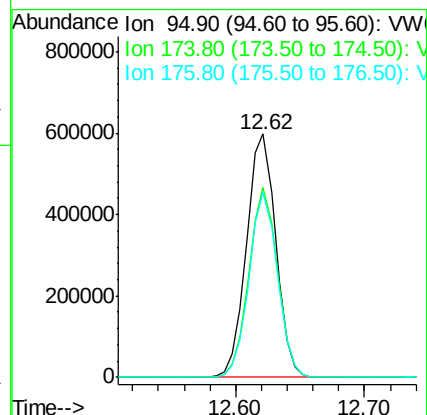
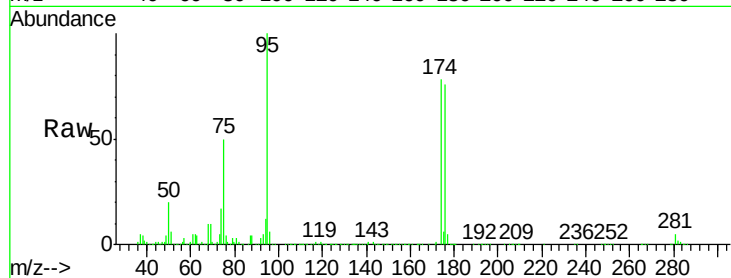
Tot Ion: 95 Resp: 936198

Ion Ratio Lower Upper

95 100

174 76.4 0.0 151.4

176 73.4 0.0 146.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010352.D

Acq: 10 May 2019 13:10

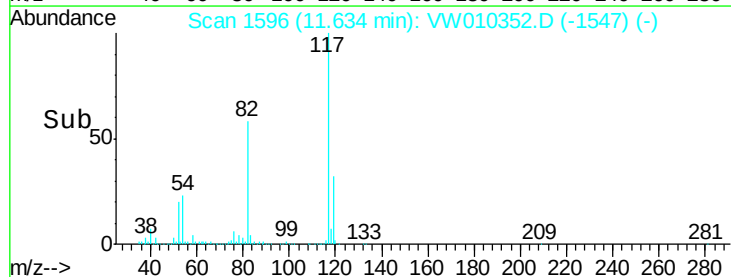
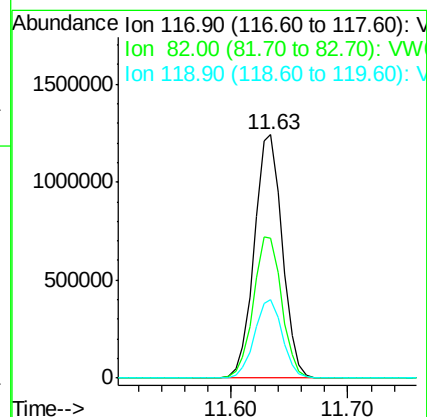
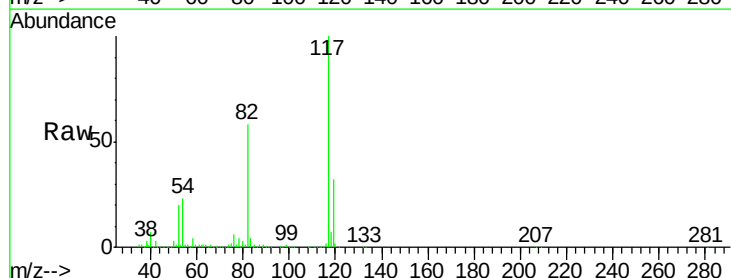
Tgt Ion: 117 Resp: 2085445

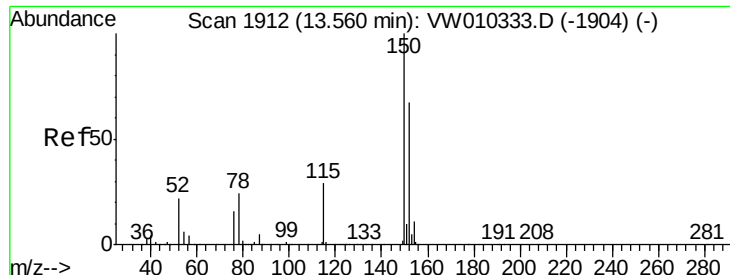
Ion Ratio Lower Upper

117 100

82 57.6 45.2 67.8

119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010352.D

Acq: 10 May 2019 13:10

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBL01

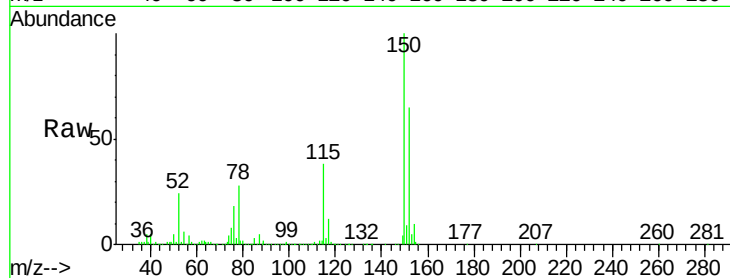
Tot Ion:152 Resp: 980648

Ion Ratio Lower Upper

152 100

115 60.3 30.4 91.2

150 156.3 0.0 347.0



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

