

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008255.D
 Acq On : 14 Jan 2019 18:51
 Operator : SY/VA
 Sample : K1128-01
 Misc : 3.63G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200053

Quant Time: Jan 14 22:07:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

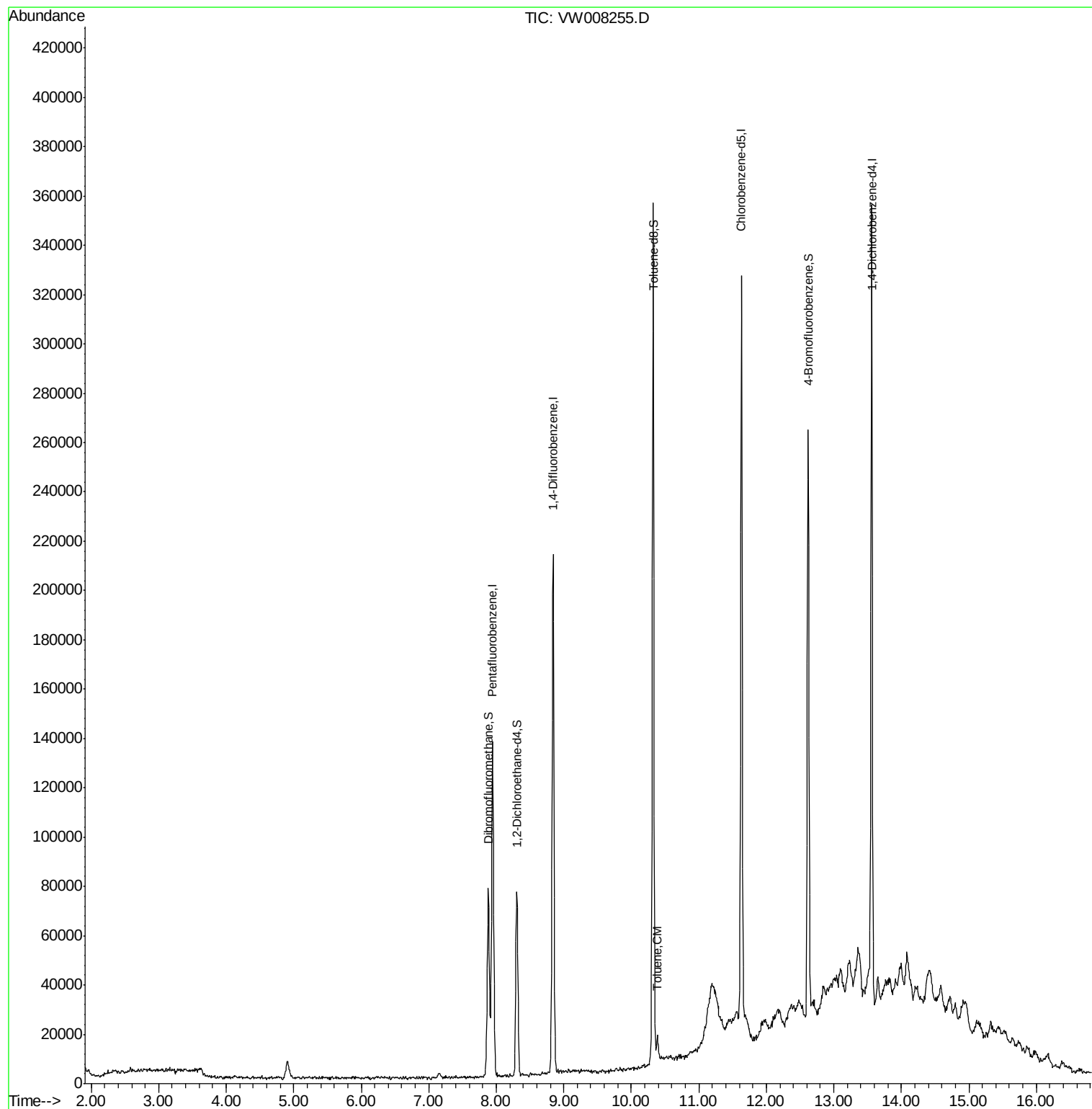
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	176703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57946	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.88	113	54362	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
50) Toluene-d8	10.32	98	226588	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.62	95	80764	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
Target Compounds						
52) Toluene	10.39	92	4090	1.297	ug/l	Qvalue 100

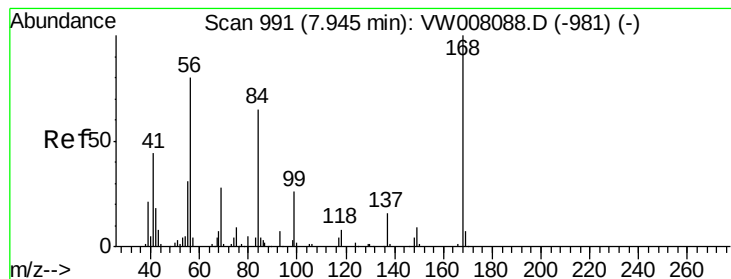
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

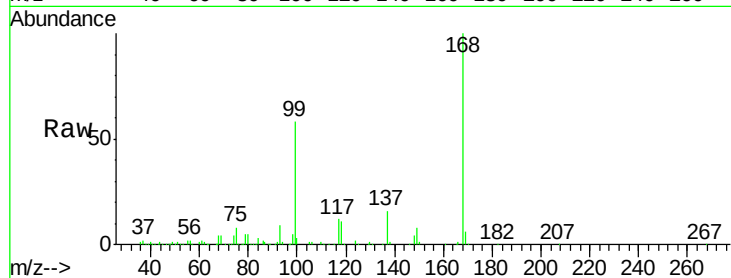
RBR-200053

Tot Ion:168 Resp: 100997

Ion Ratio Lower Upper

168 100

99 57.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

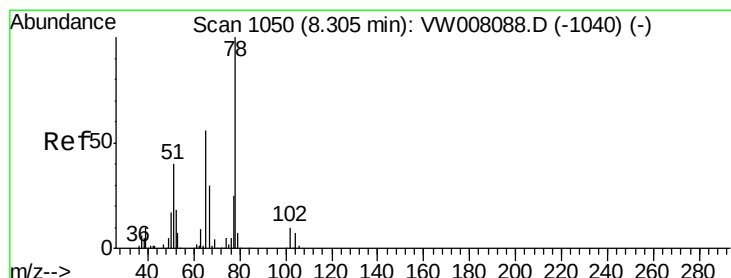
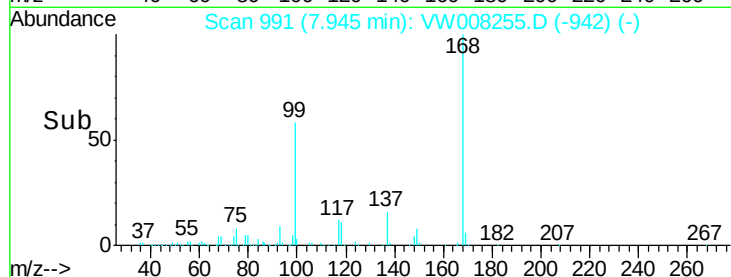
20000

10000

0

Time-->

7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 51.048 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008255.D

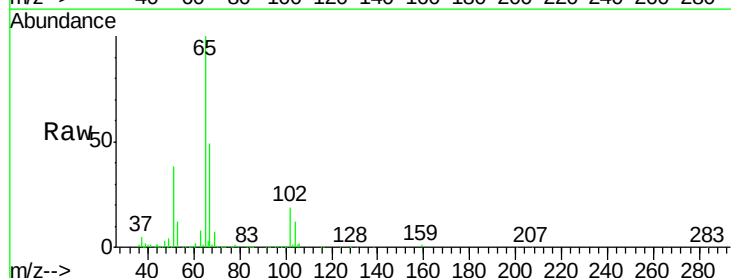
Acq: 14 Jan 2019 18:51

Tgt Ion: 65 Resp: 57946

Ion Ratio Lower Upper

65 100

67 50.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

25000

20000

15000

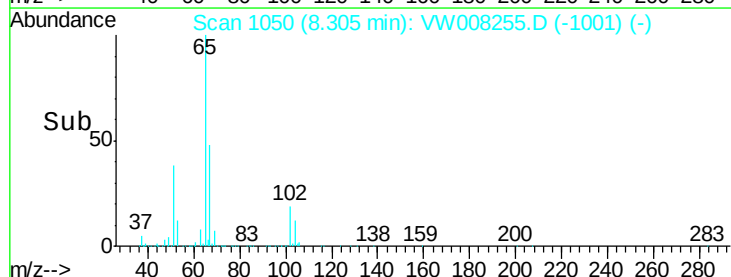
10000

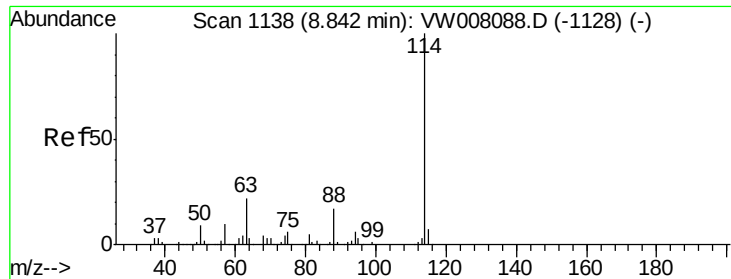
5000

0

Time-->

8.20 8.30 8.40

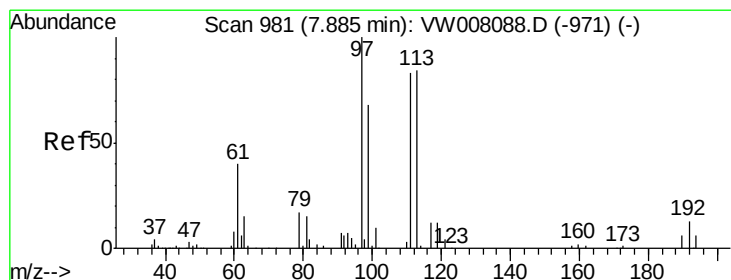
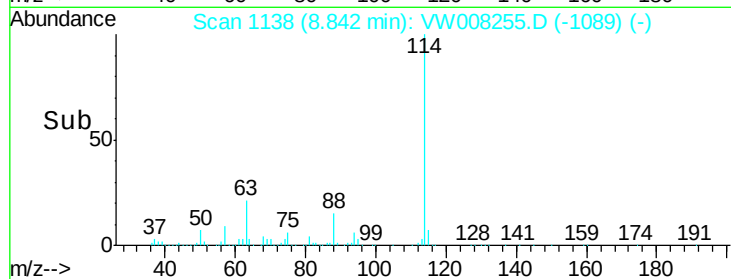
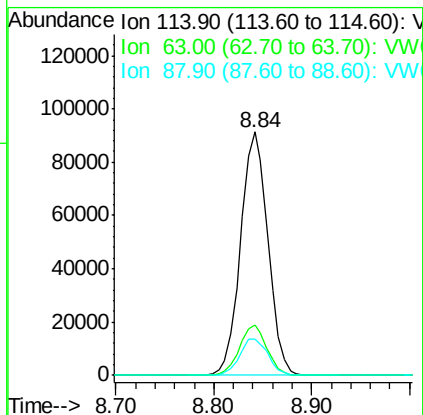
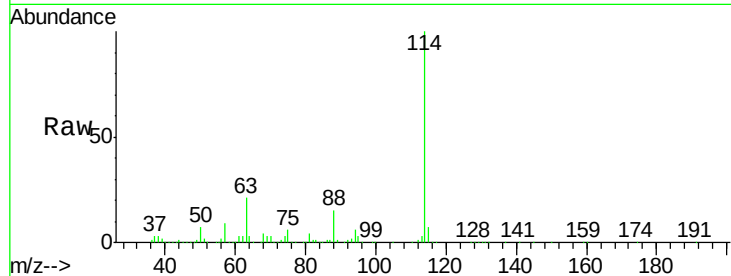




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008255.D
 Acq: 14 Jan 2019 18:51

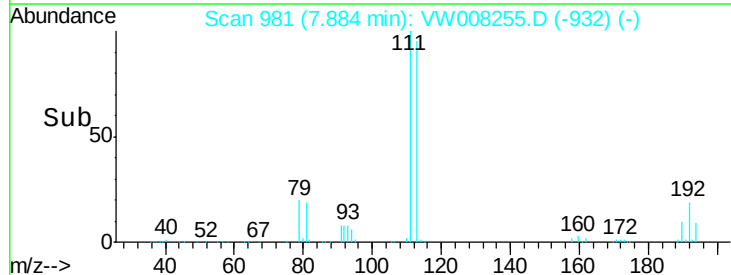
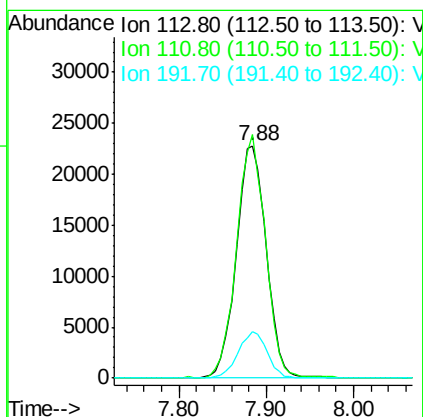
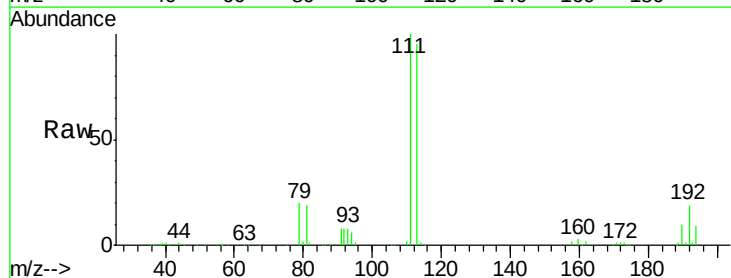
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200053

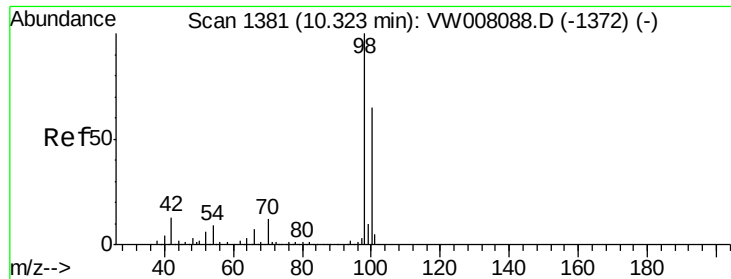
Tot Ion:114 Resp: 176703
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.4
 88 14.9 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 52.748 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008255.D
 Acq: 14 Jan 2019 18:51

Tgt Ion:113 Resp: 54362
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.8 122.8
 192 19.4 12.8 19.2#

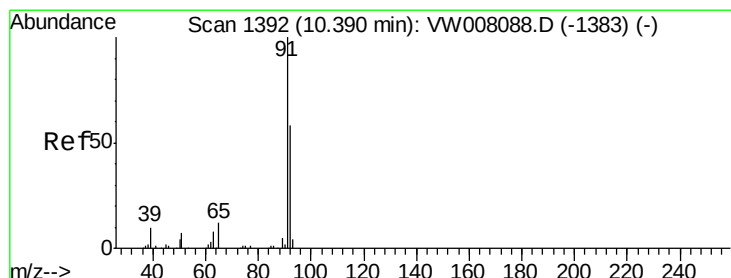
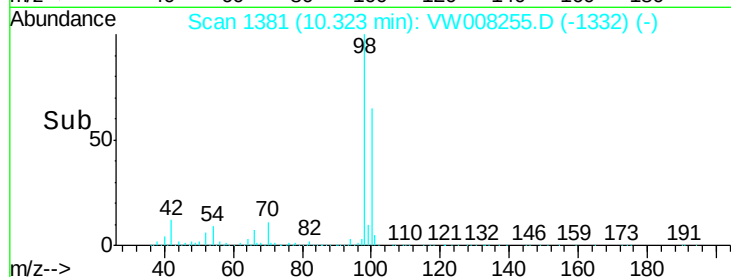
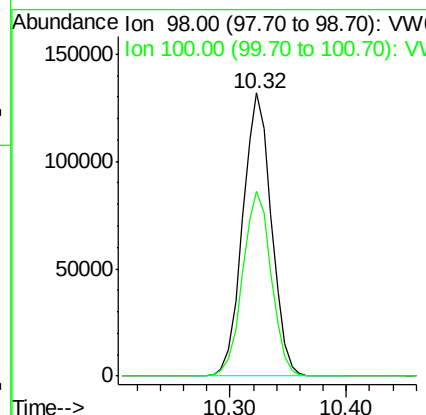
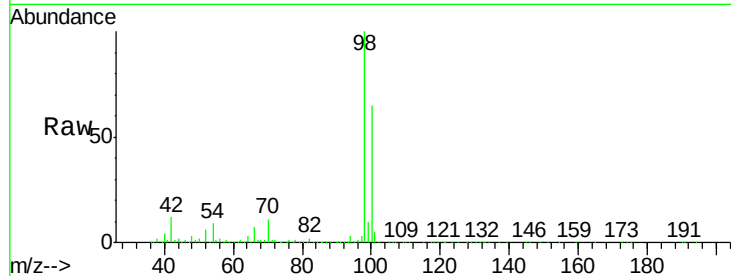




#50
Toluene-d8
Concen: 52.393 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008255.D
Acq: 14 Jan 2019 18:51

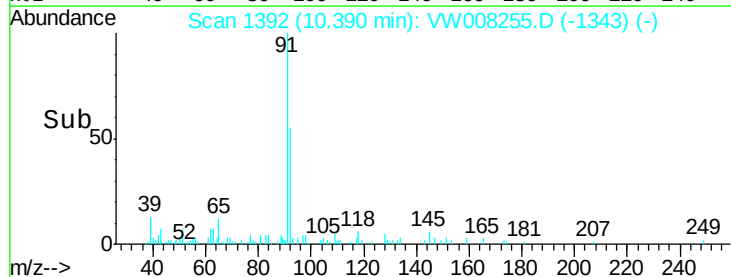
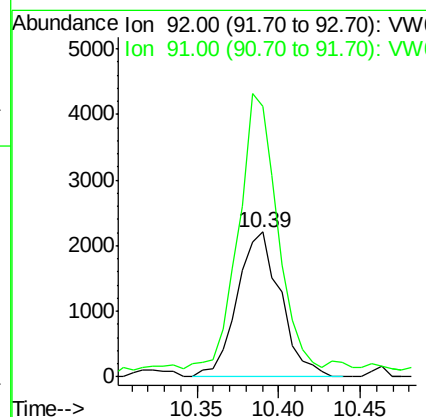
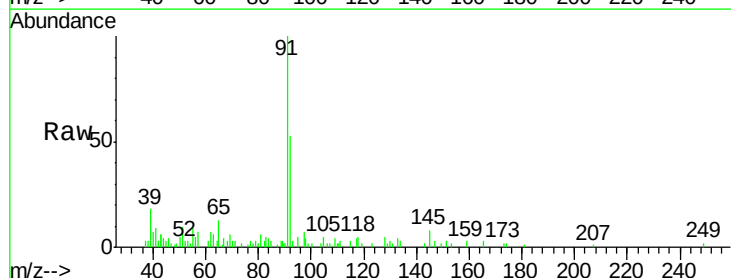
Instrument :
MSVOA_W
ClientSampleId :
RBR-200053

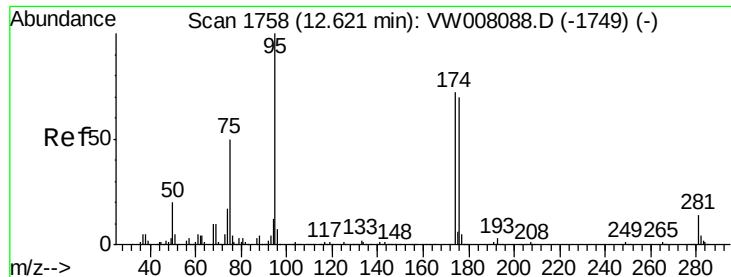
Tot Ion: 98 Resp: 226588
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#52
Toluene
Concen: 1.297 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008255.D
Acq: 14 Jan 2019 18:51

Tgt Ion: 92 Resp: 4090
Ion Ratio Lower Upper
92 100
91 171.0 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 52.091 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

RBR-200053

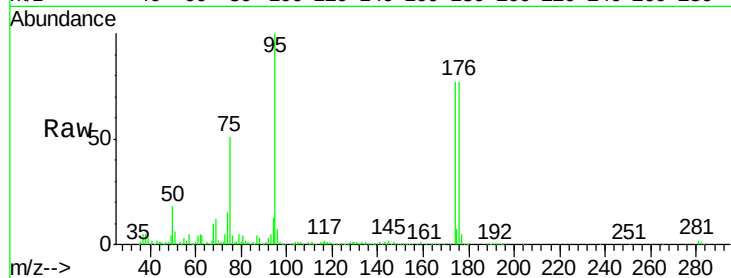
Tot Ion: 95 Resp: 80764

Ion Ratio Lower Upper

95 100

174 78.2 0.0 143.0

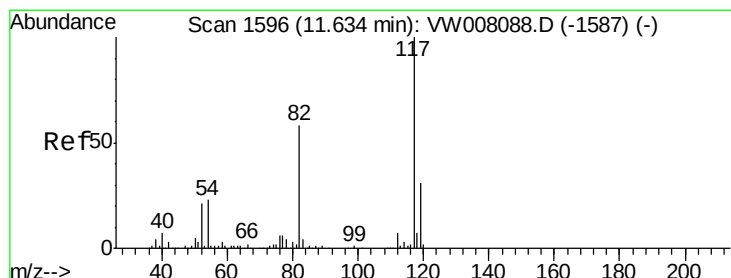
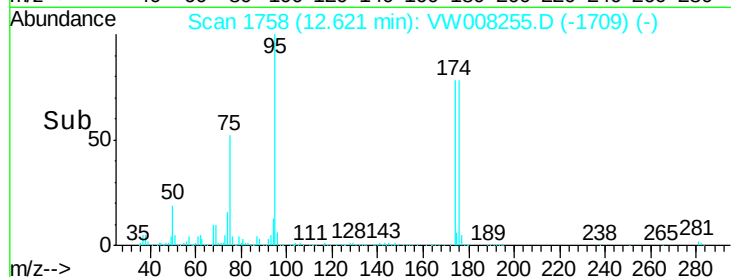
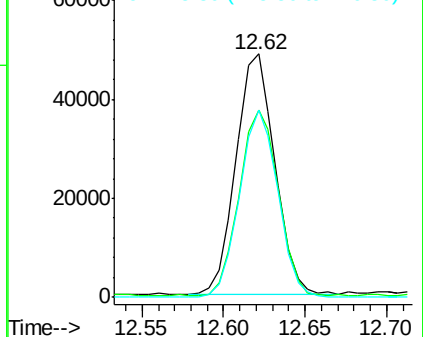
176 76.7 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

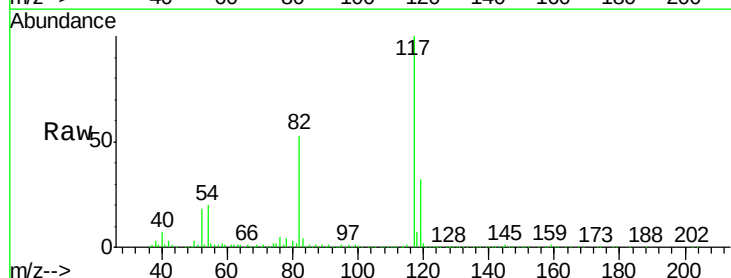
Tgt Ion: 117 Resp: 169012

Ion Ratio Lower Upper

117 100

82 52.8 46.4 69.6

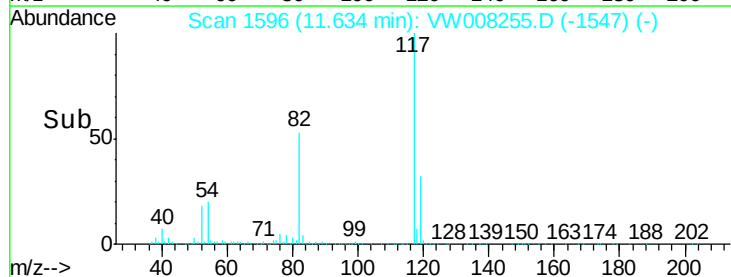
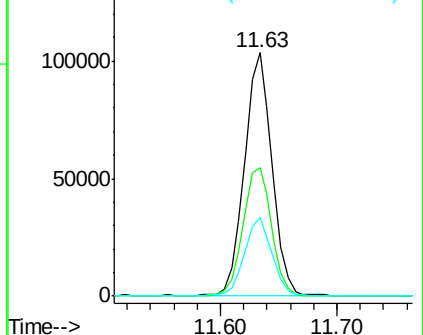
119 32.0 24.7 37.1

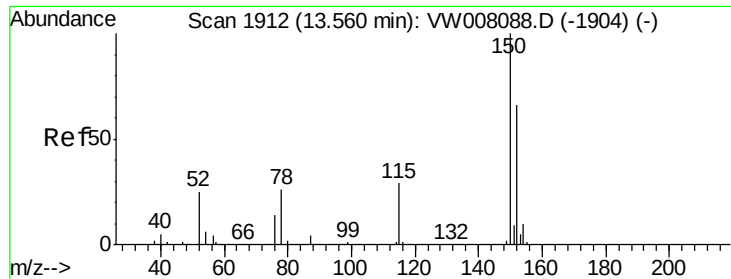


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

Instrument :

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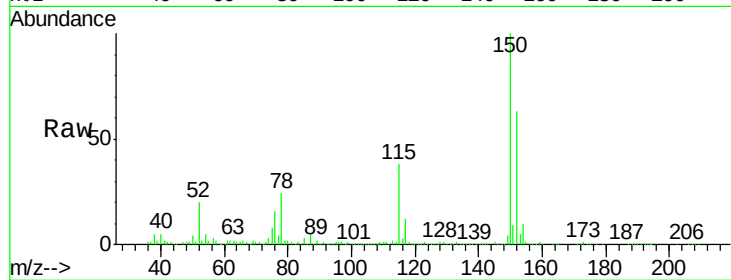
Tot Ion:152 Resp: 82379

Ion Ratio Lower Upper

152 100

115 58.2 30.8 92.4

150 157.7 0.0 350.2



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

