

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008256.D
 Acq On : 14 Jan 2019 19:18
 Operator : SY/VA
 Sample : K1128-03
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200036

Quant Time: Jan 14 22:19:03 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

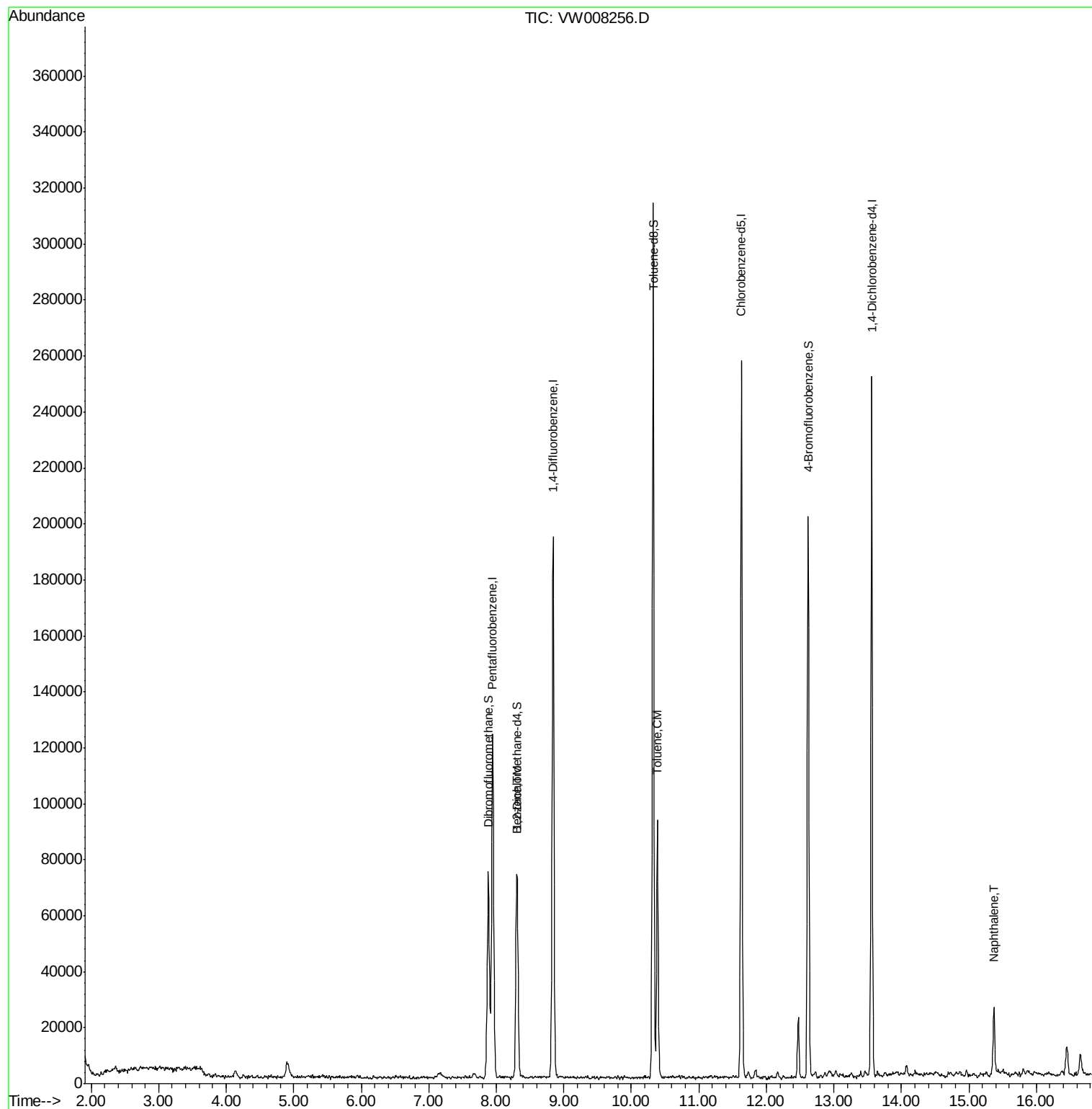
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	144313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53896	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
35) Dibromofluoromethane	7.88	113	51705	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
50) Toluene-d8	10.32	98	201058	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	65492	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
Target Compounds						
40) Benzene	8.32	78	6981	1.522	ug/l	99
52) Toluene	10.38	92	39242	13.393	ug/l	99
95) Naphthalene	15.37	128	20839	9.166	ug/l	97

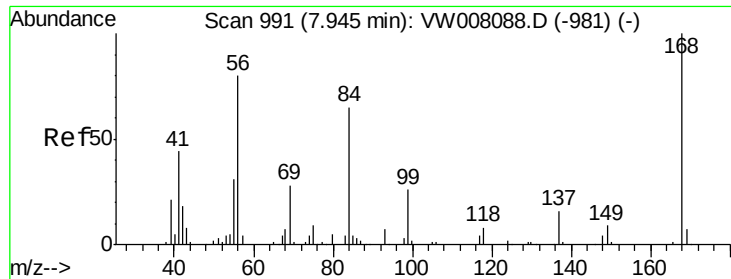
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008256.D

Acq: 14 Jan 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

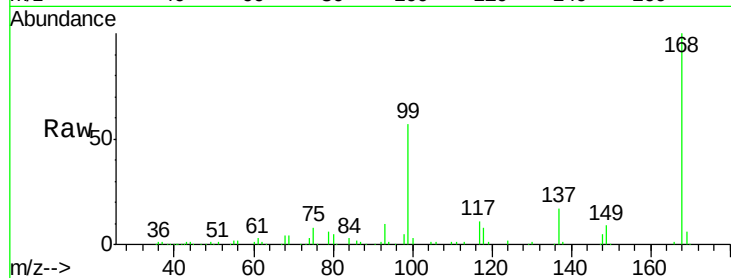
RBR-200036

Tot Ion:168 Resp: 92393

Ion Ratio Lower Upper

168 100

99 57.0 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

40000

30000

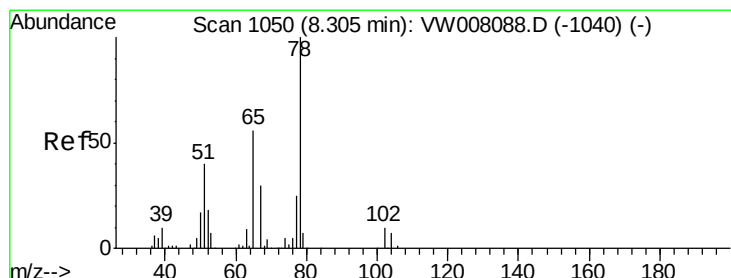
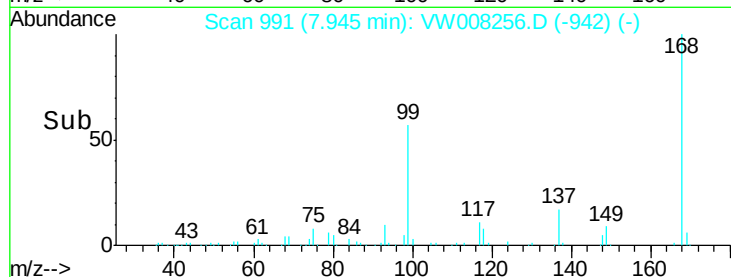
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.902 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008256.D

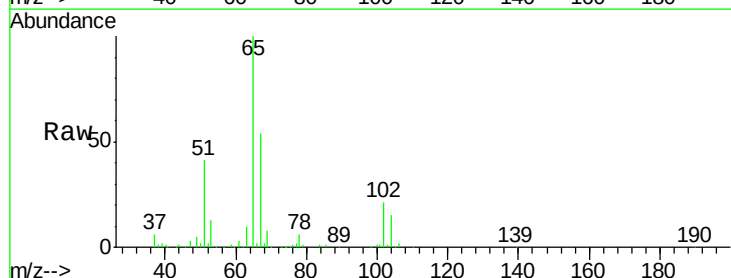
Acq: 14 Jan 2019 19:18

Tgt Ion: 65 Resp: 53896

Ion Ratio Lower Upper

65 100

67 51.9 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

25000

20000

15000

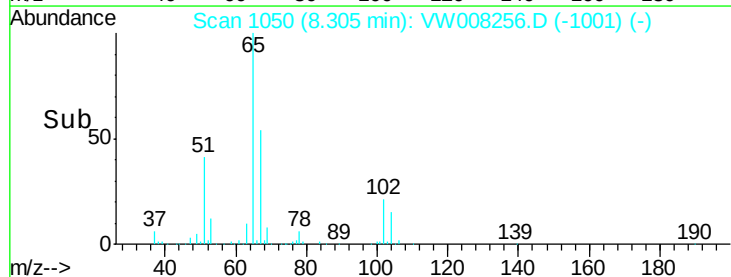
10000

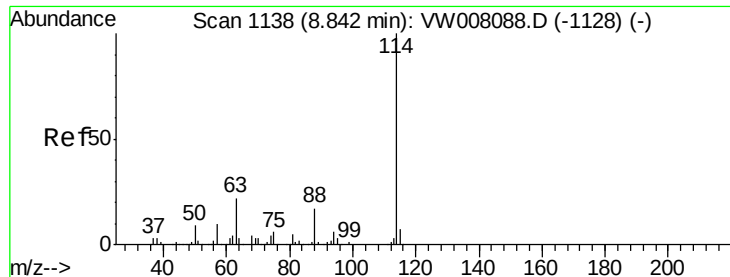
5000

0

8.20 8.25 8.30 8.35 8.40

Time-->

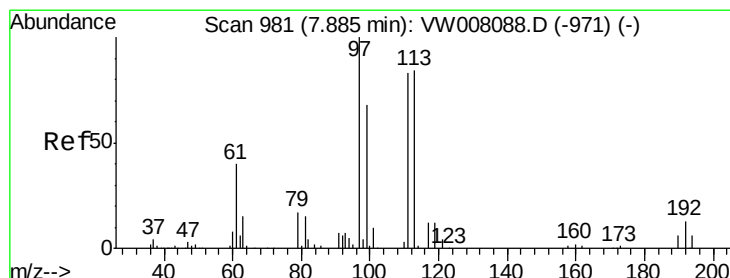
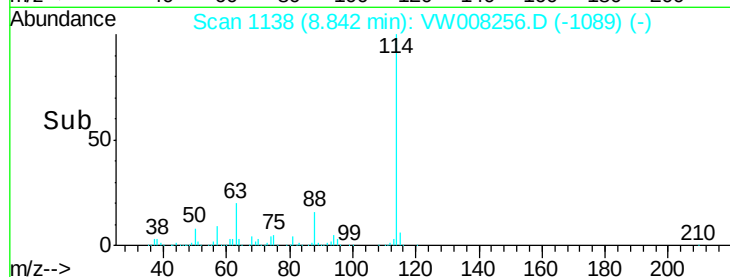
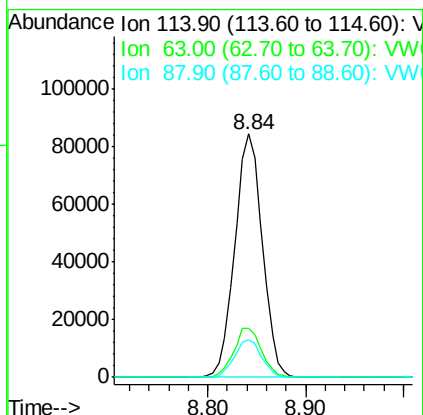
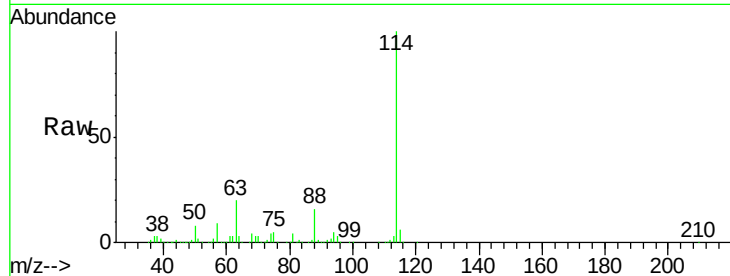




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008256.D
 Acq: 14 Jan 2019 19:18

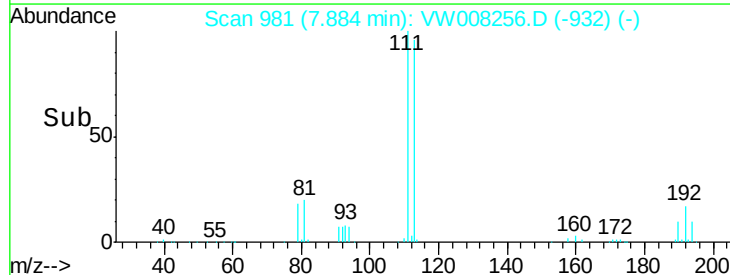
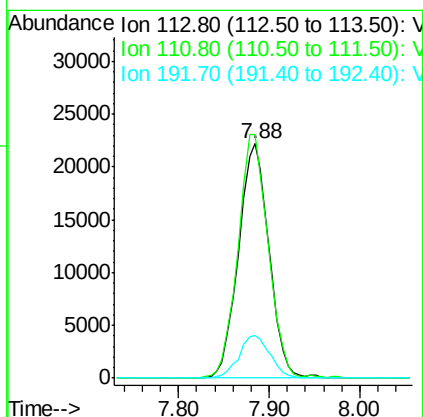
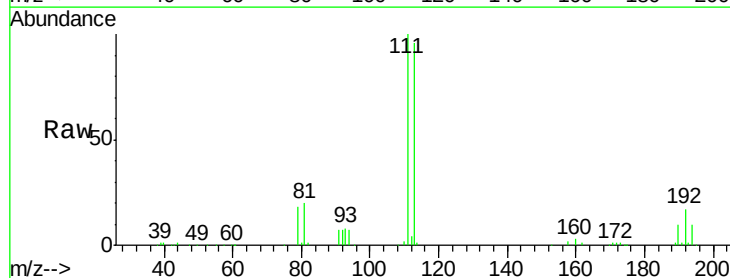
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200036

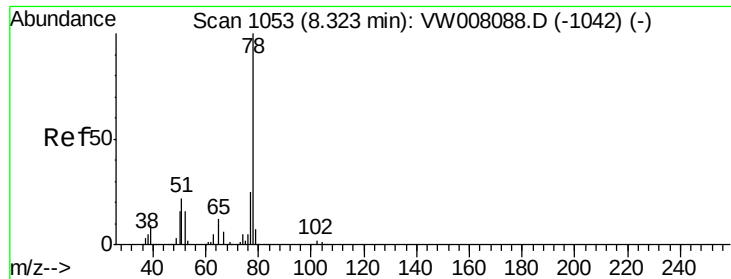
Tot Ion:114 Resp: 164208
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.4
 88 15.5 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 53.987 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008256.D
 Acq: 14 Jan 2019 19:18

Tgt Ion:113 Resp: 51705
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.8
 192 18.6 12.8 19.2





#40

Benzene

Concen: 1.522 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008256.D

Acq: 14 Jan 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

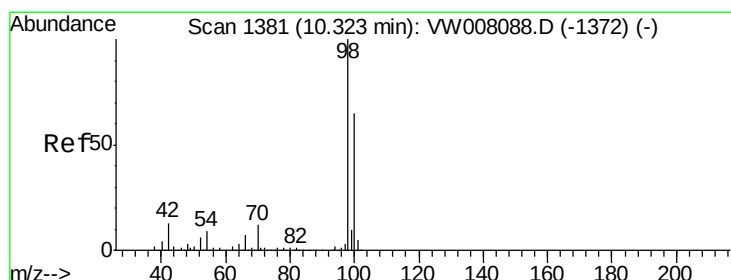
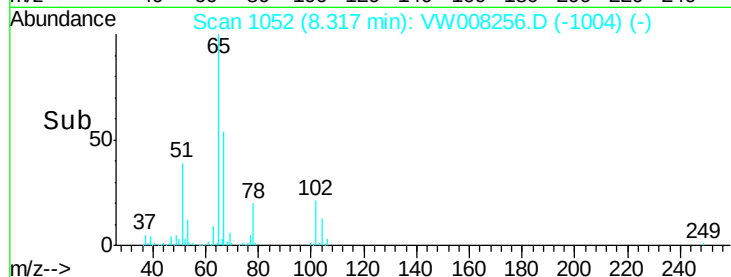
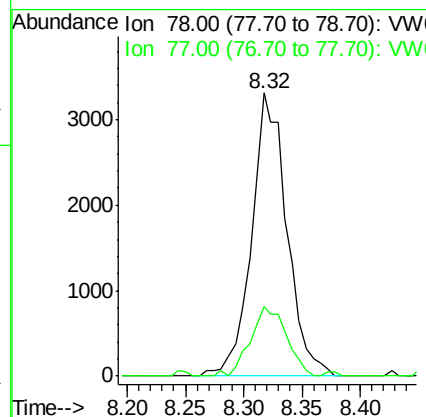
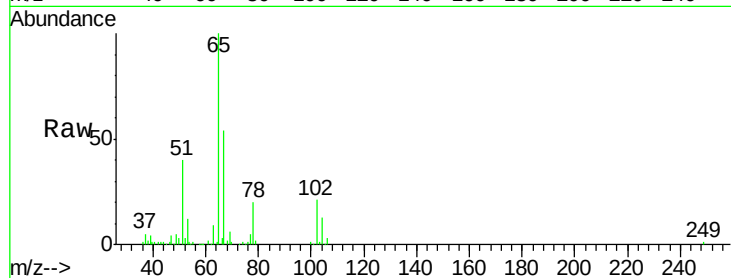
RBR-200036

Tot Ion: 78 Resp: 6981

Ion Ratio Lower Upper

78 100

77 24.7 20.2 30.4



#50

Toluene-d8

Concen: 50.027 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008256.D

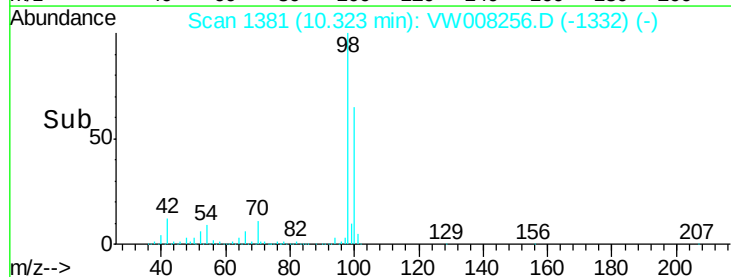
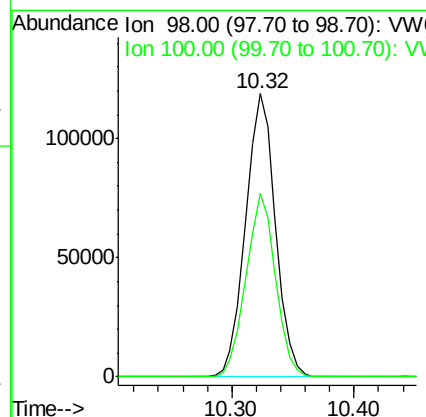
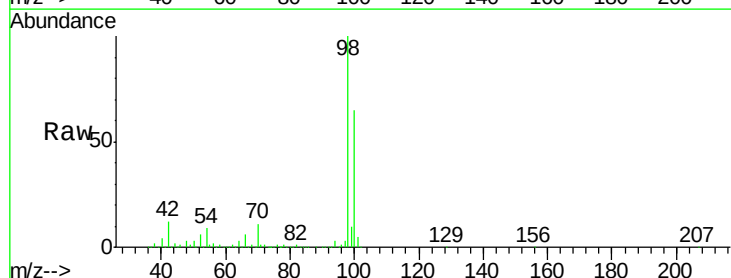
Acq: 14 Jan 2019 19:18

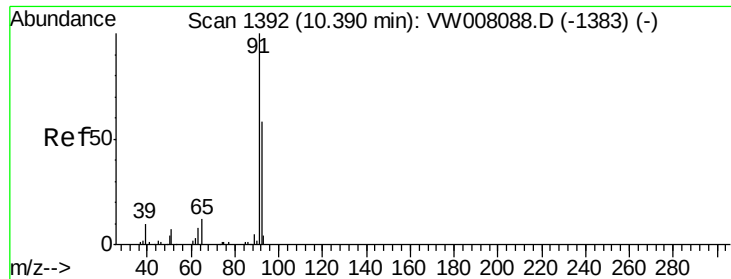
Tgt Ion: 98 Resp: 201058

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5





#52

Toluene

Concen: 13.393 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008256.D

Acq: 14 Jan 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

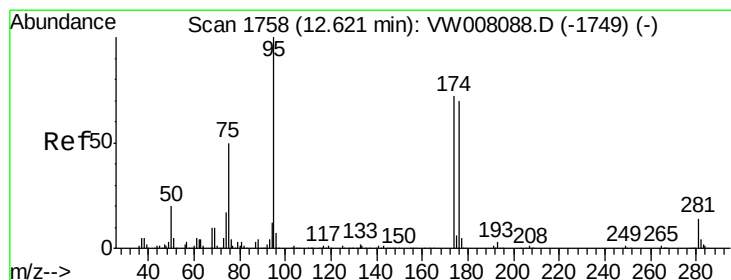
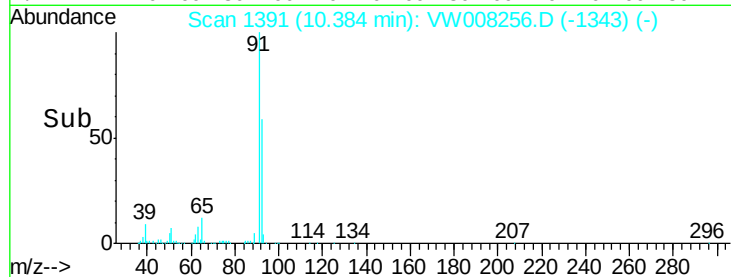
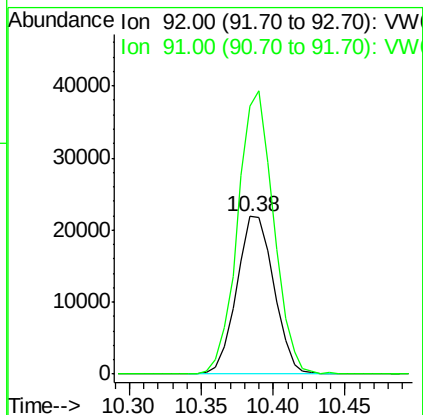
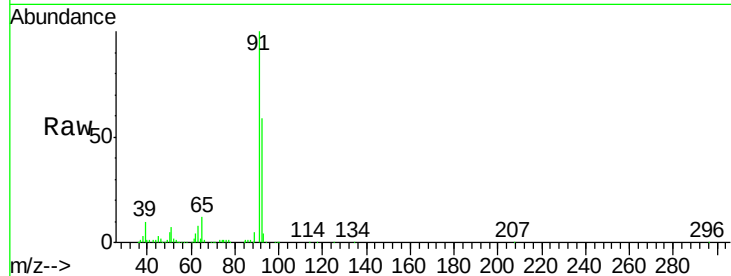
RBR-200036

Tot Ion: 92 Resp: 39242

Ion Ratio Lower Upper

92 100

91 173.0 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 45.455 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008256.D

Acq: 14 Jan 2019 19:18

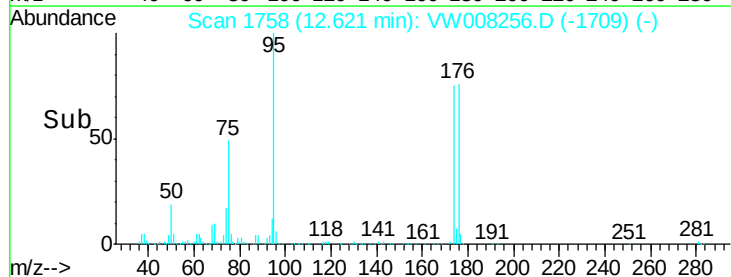
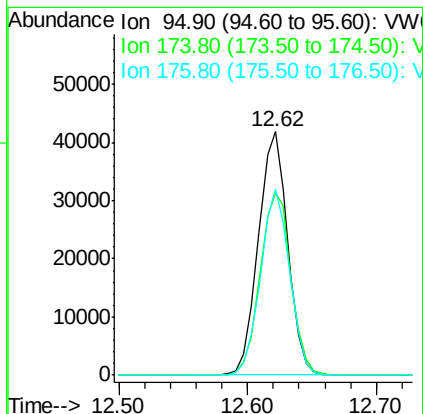
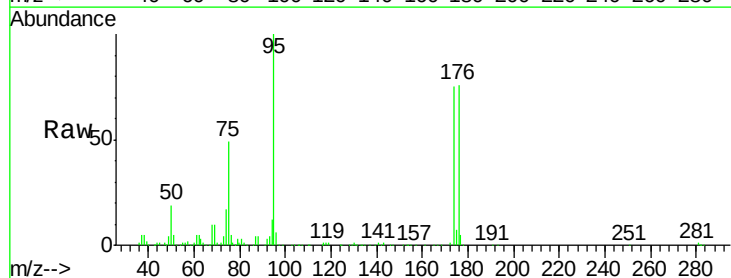
Tgt Ion: 95 Resp: 65492

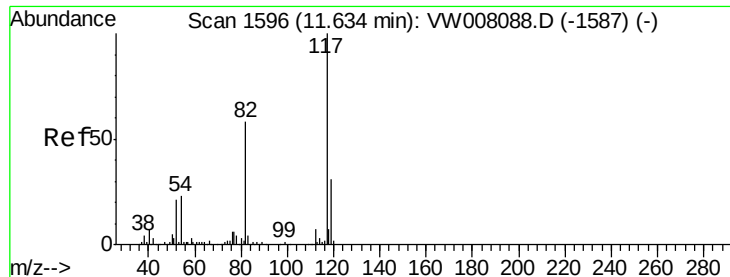
Ion Ratio Lower Upper

95 100

174 78.9 0.0 143.0

176 76.0 0.0 140.2

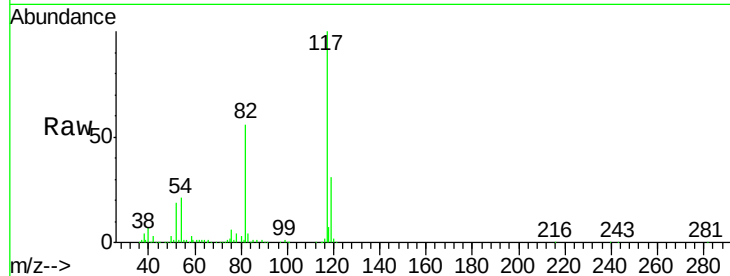




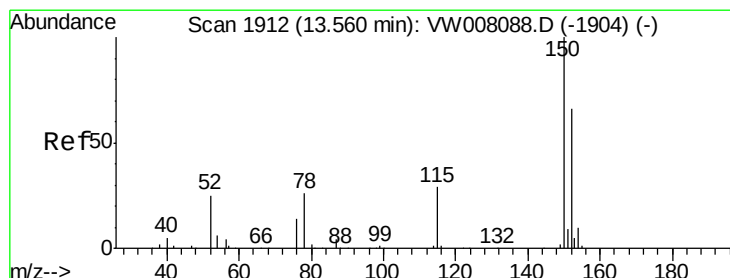
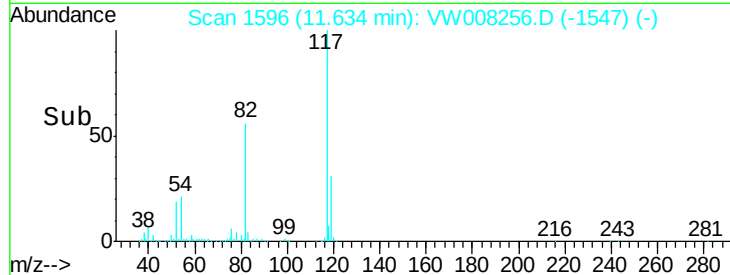
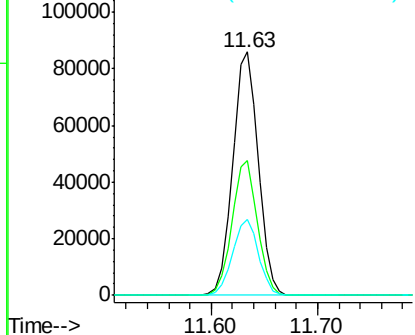
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008256.D
Acq: 14 Jan 2019 19:18

Instrument :
MSVOA_W
ClientSampleId :
RBR-200036

Tot Ion:117 Resp: 144313
Ion Ratio Lower Upper
117 100
82 55.5 46.4 69.6
119 31.1 24.7 37.1

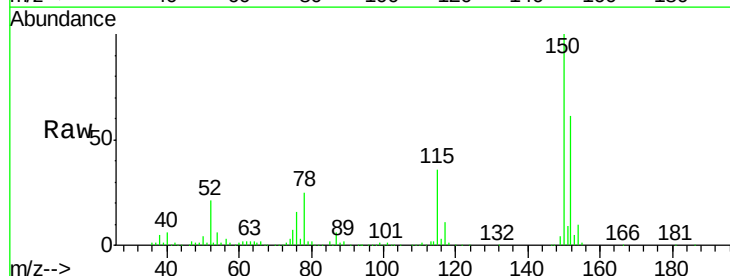


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

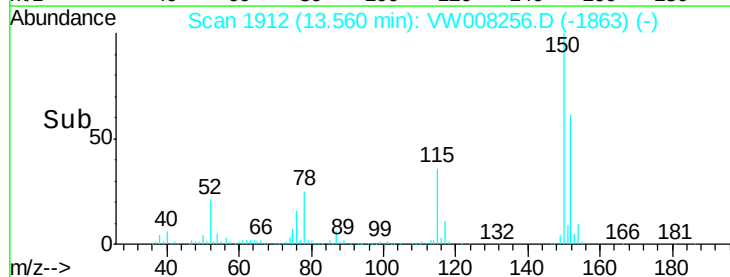
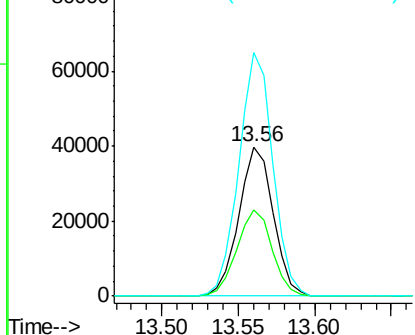


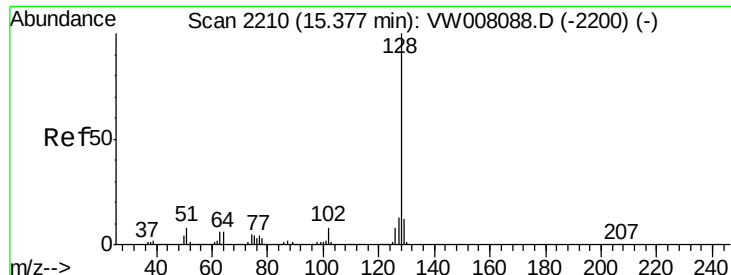
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008256.D
Acq: 14 Jan 2019 19:18

Tgt Ion:152 Resp: 62009
Ion Ratio Lower Upper
152 100
115 59.4 30.8 92.4
150 161.4 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





#95

Naphthalene

Concen: 9.166 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008256.D

Acq: 14 Jan 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

RBR-200036

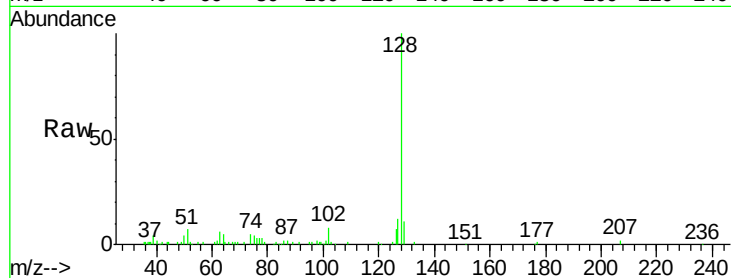
Tot Ion:128 Resp: 20839

Ion Ratio Lower Upper

128 100

127 14.5 11.0 16.4

129 12.7 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

