

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008344.D
 Acq On : 17 Jan 2019 22:26
 Operator : SY/VA
 Sample : K1173-01
 Misc : 3.81G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

Quant Time: Jan 18 02:03:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

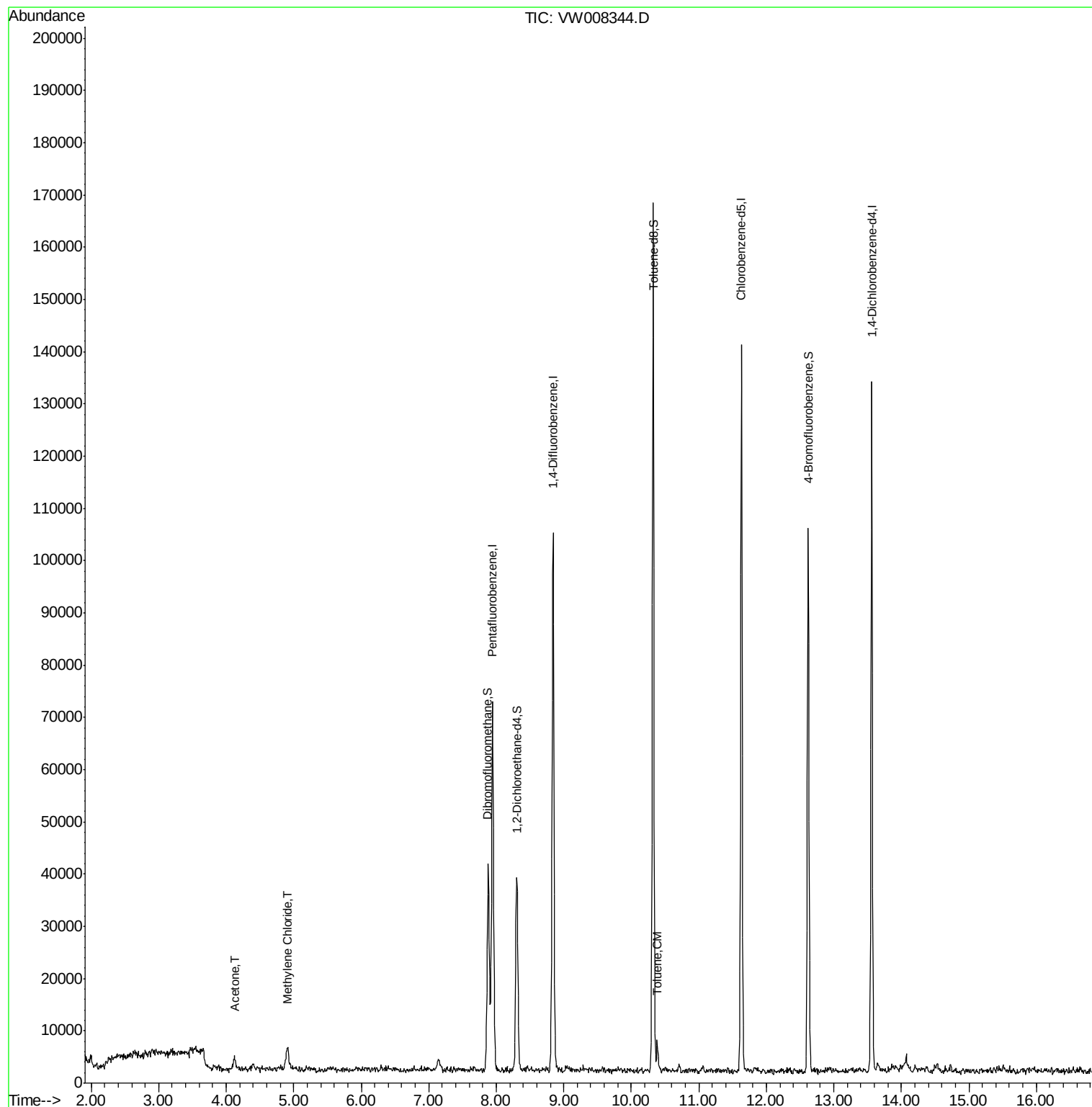
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	47270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	82998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	76363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	28888	58.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.50%	
35) Dibromofluoromethane	7.88	113	27585	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
50) Toluene-d8	10.32	98	106352	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.62	95	32942	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
16) Acetone	4.12	43	4234	37.077	ug/l #	86
20) Methylene Chloride	4.90	84	3191	2.663	ug/l #	82
52) Toluene	10.38	92	2003	1.338	ug/l	96

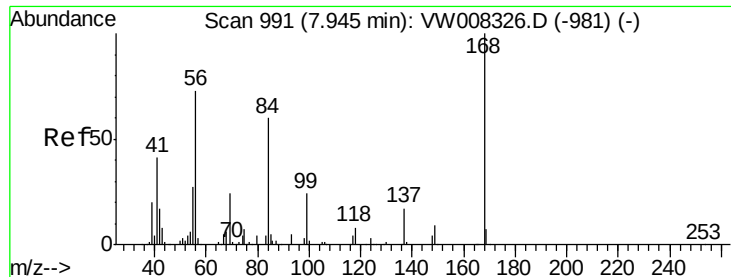
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008344.D

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MSVOA_W

ClientSampleId :

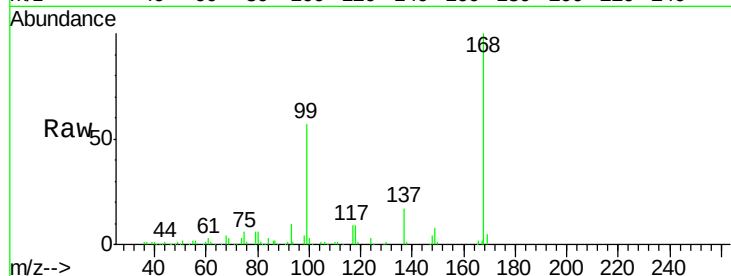
RBR-200052

Tot Ion:168 Resp: 47270

Ion Ratio Lower Upper

168 100

99 56.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

10000

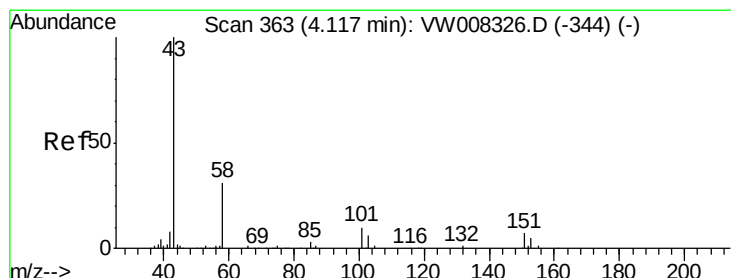
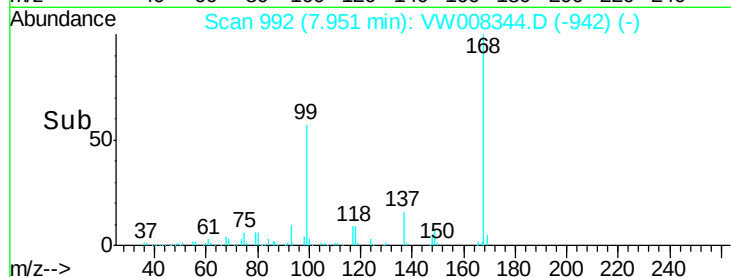
5000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 37.077 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008344.D

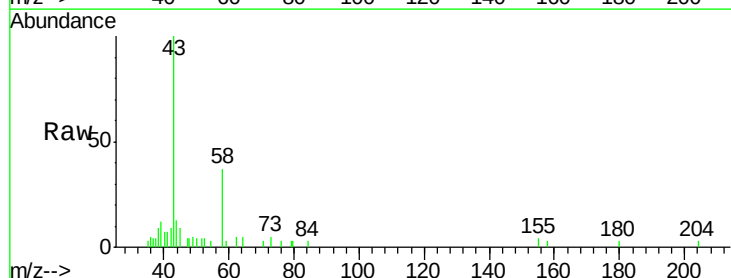
Acq: 17 Jan 2019 22:26

Tgt Ion: 43 Resp: 4234

Ion Ratio Lower Upper

43 100

58 38.5 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

1500

1000

500

0

4.00

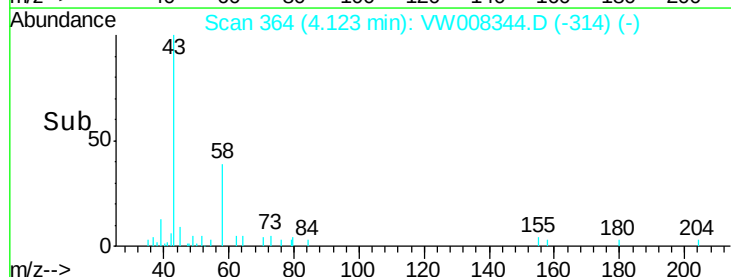
4.05

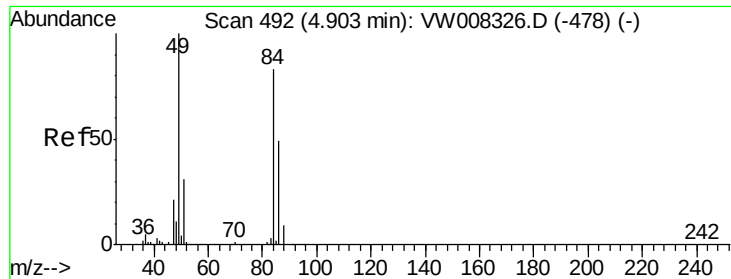
4.10

4.15

4.20

Time-->

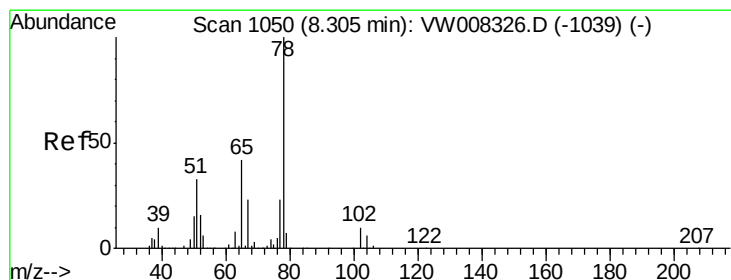
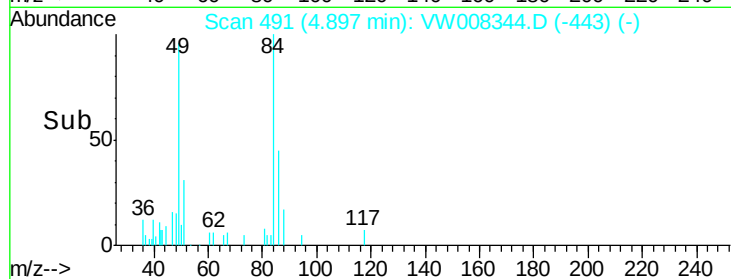
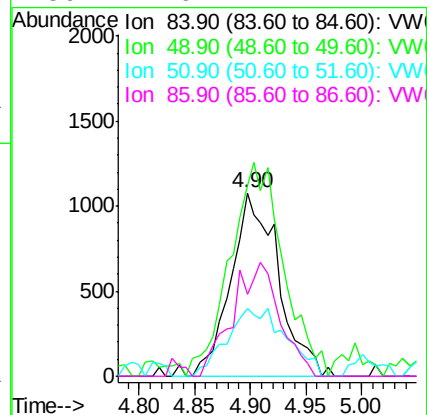
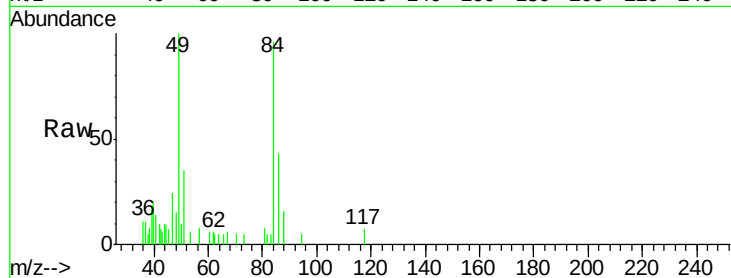




#20
Methylene Chloride
Concen: 2.663 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008344.D
Acq: 17 Jan 2019 22:26

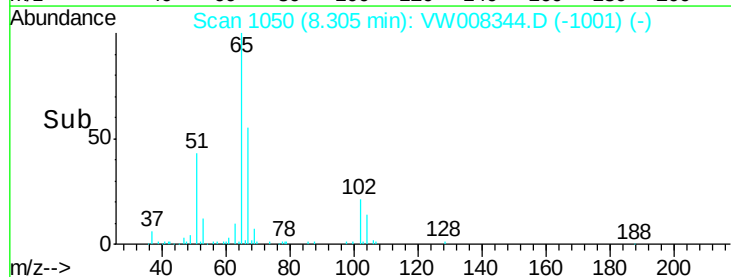
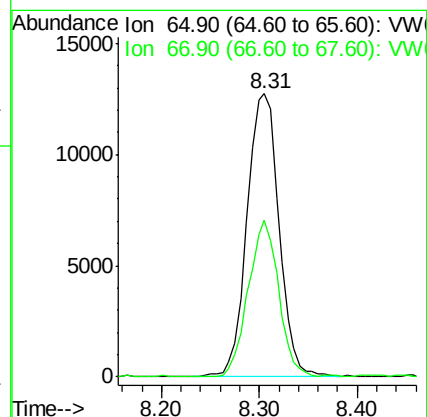
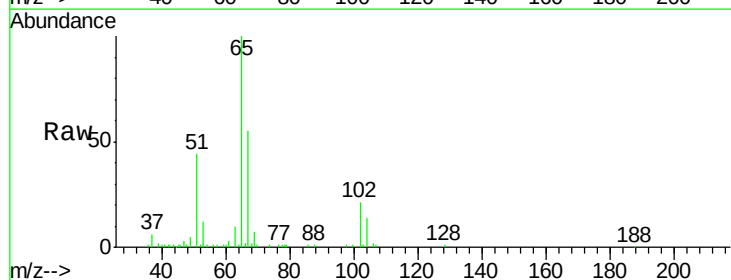
Instrument :
MSVOA_W
ClientSampleId :
RBR-200052

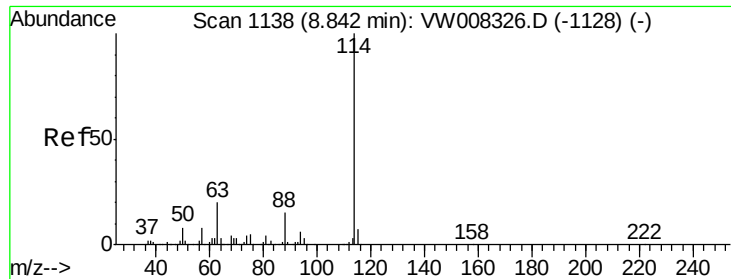
Tot Ion: 84 Resp: 3191
Ion Ratio Lower Upper
84 100
49 94.8 95.9 143.9#
51 37.0 29.3 43.9
86 44.9 47.4 71.2#



#33
1,2-Dichloroethane-d4
Concen: 58.749 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008344.D
Acq: 17 Jan 2019 22:26

Tgt Ion: 65 Resp: 28888
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.2

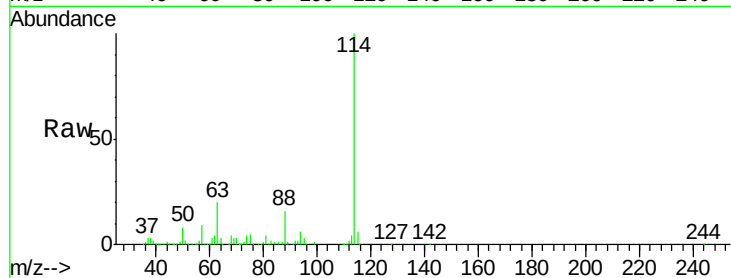




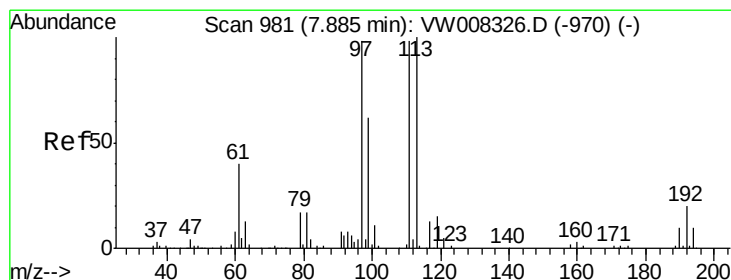
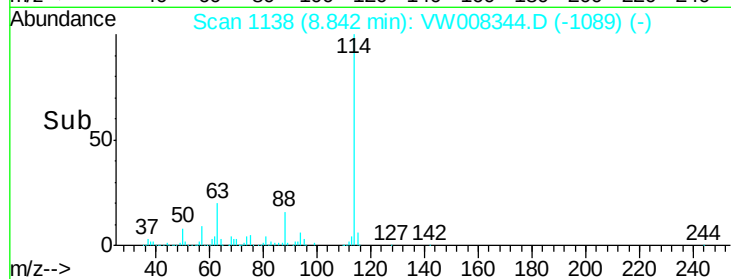
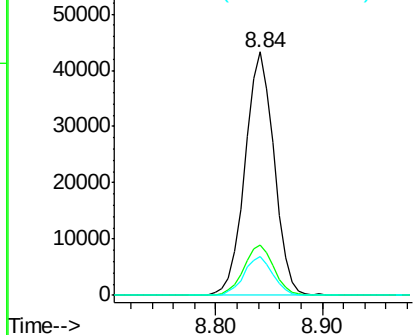
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008344.D
 Acq: 17 Jan 2019 22:26

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

Tot Ion:114 Resp: 82998
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.1 0.0 30.4

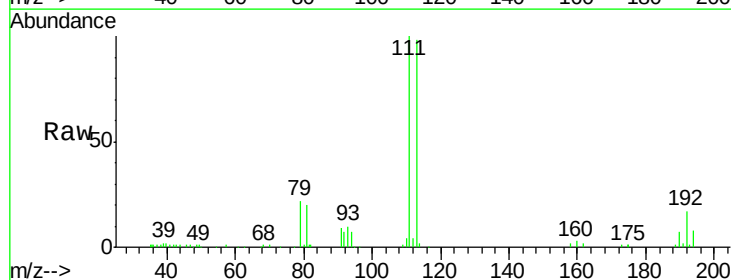


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

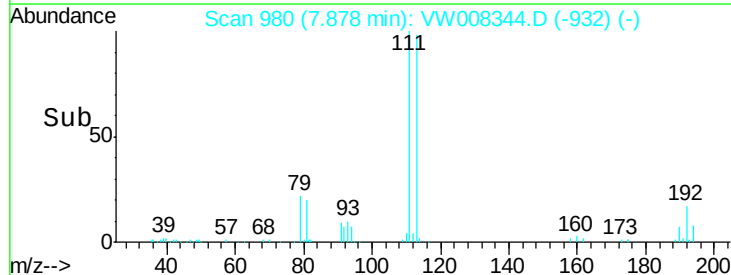
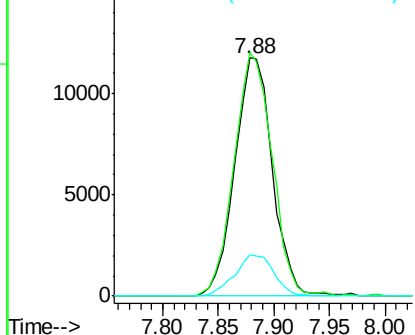


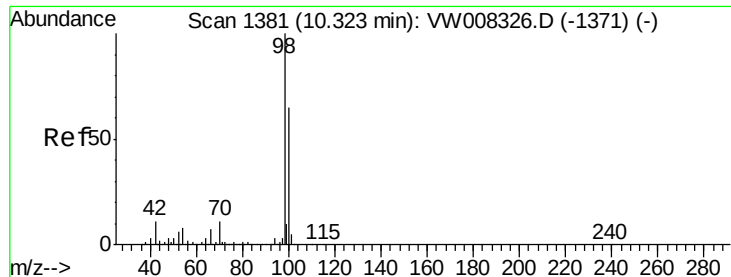
#35
 Dibromofluoromethane
 Concen: 52.066 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008344.D
 Acq: 17 Jan 2019 22:26

Tgt Ion:113 Resp: 27585
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.8
 192 18.0 16.3 24.5



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: 51.097 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008344.D

Acq: 17 Jan 2019 22:26

Instrument :

MSVOA_W

ClientSampleId :

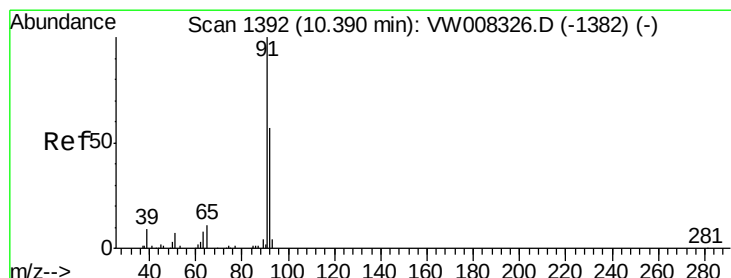
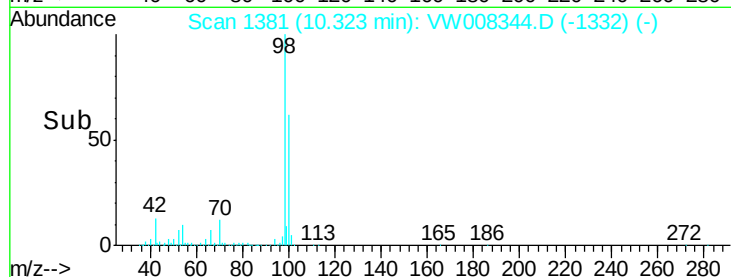
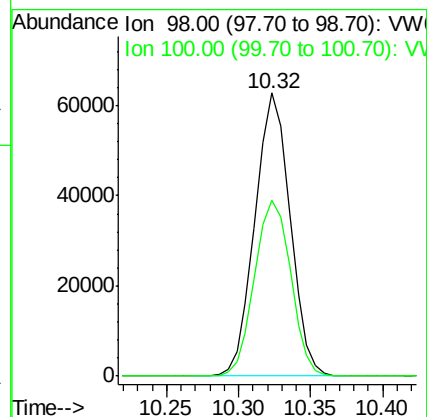
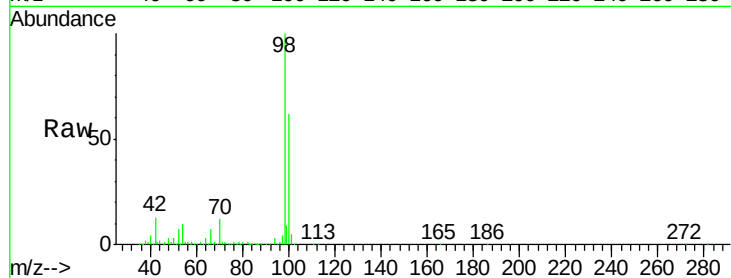
RBR-200052

Tot Ion: 98 Resp: 106352

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8



#52

Toluene

Concen: 1.338 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008344.D

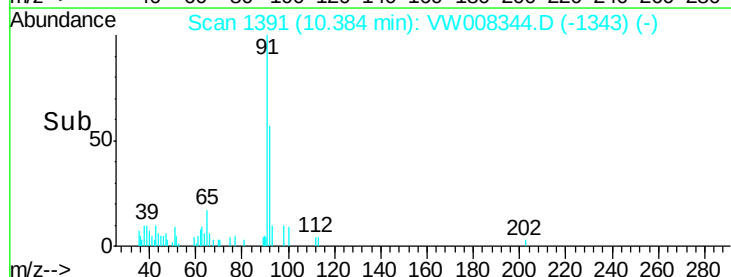
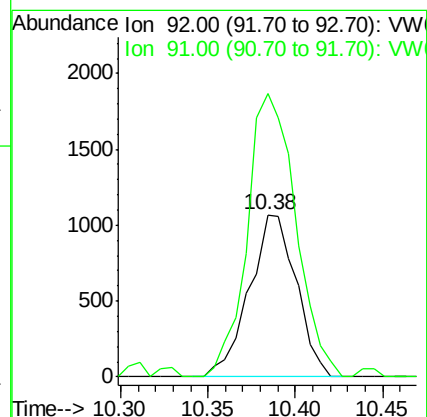
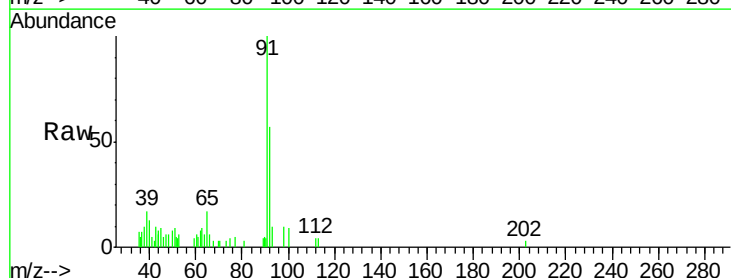
Acq: 17 Jan 2019 22:26

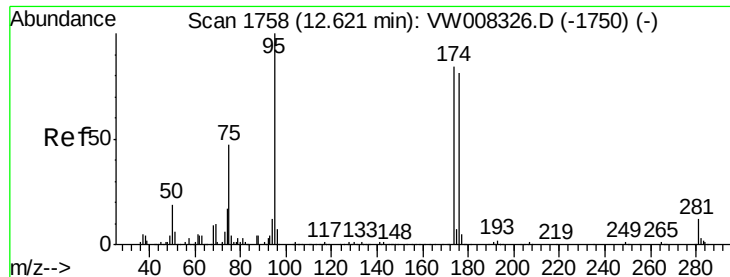
Tgt Ion: 92 Resp: 2003

Ion Ratio Lower Upper

92 100

91 180.6 140.2 210.2





#62

4-Bromofluorobenzene

Concen: 44.130 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008344.D

Acq: 17 Jan 2019 22:26

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

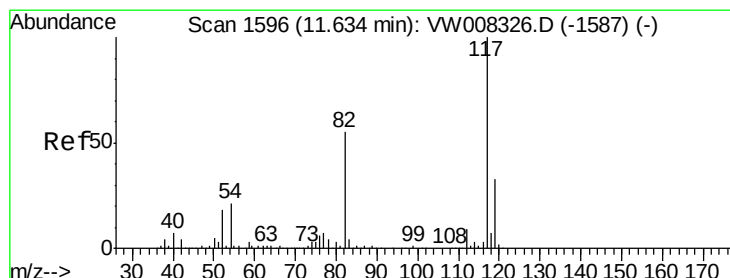
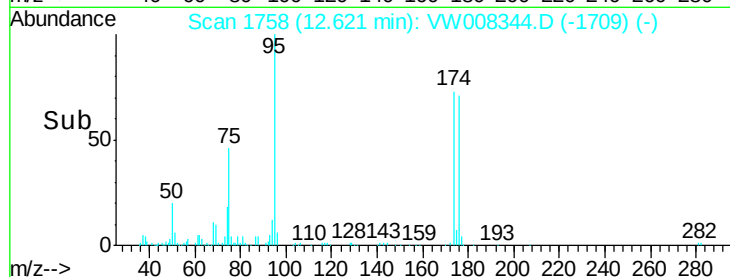
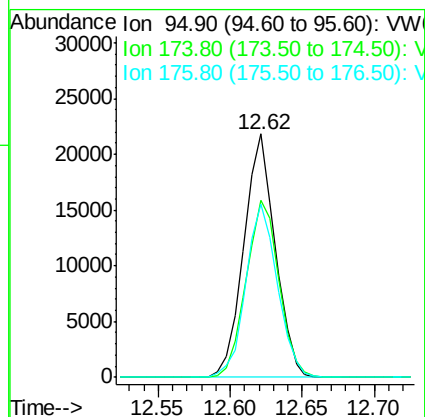
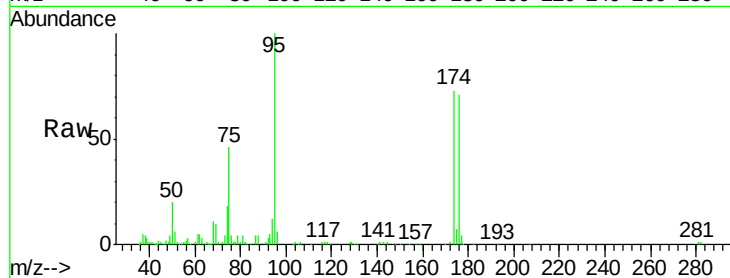
Tot Ion: 95 Resp: 32942

Ion Ratio Lower Upper

95 100

174 75.9 0.0 166.0

176 71.2 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008344.D

Acq: 17 Jan 2019 22:26

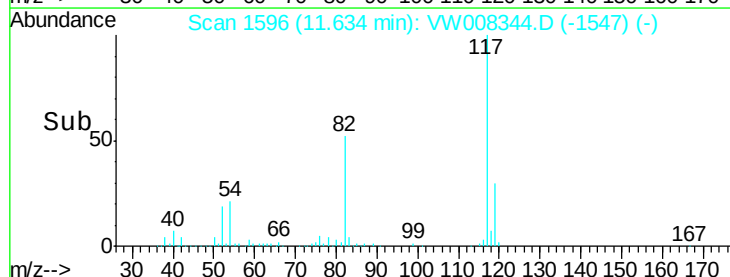
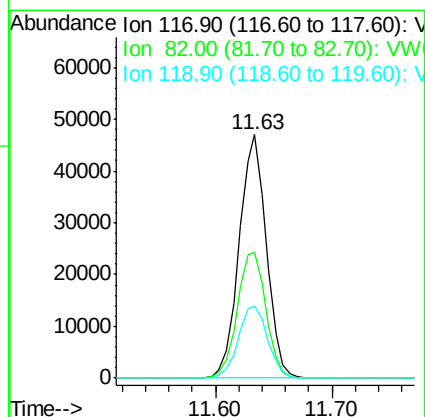
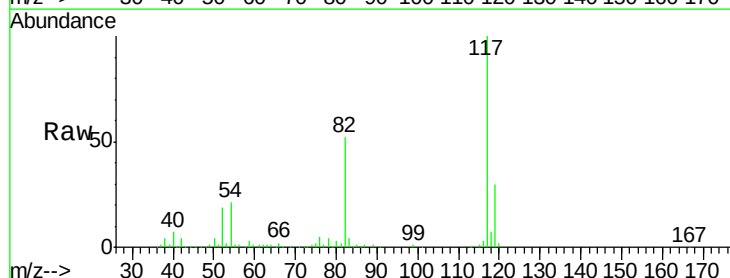
Tgt Ion: 117 Resp: 76363

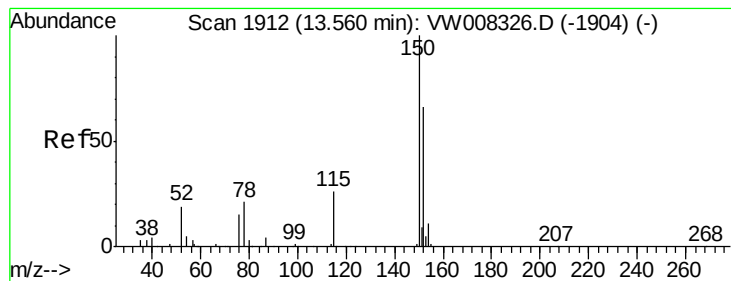
Ion Ratio Lower Upper

117 100

82 51.8 44.3 66.5

119 29.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008344.D

Acq: 17 Jan 2019 22:26

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

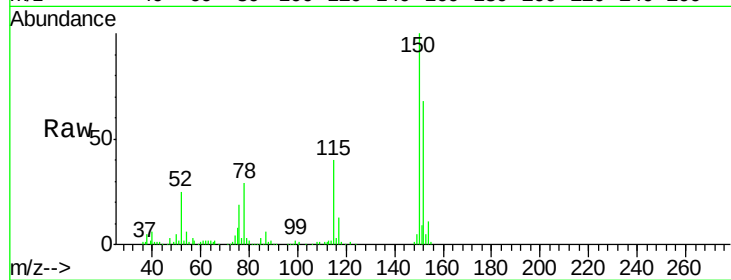
Tot Ion:152 Resp: 33389

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.4

150 151.8 0.0 351.4



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

