

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008345.D
 Acq On : 17 Jan 2019 22:53
 Operator : SY/VA
 Sample : K1173-03
 Misc : 3.64G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200050

Quant Time: Jan 18 02:05:37 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

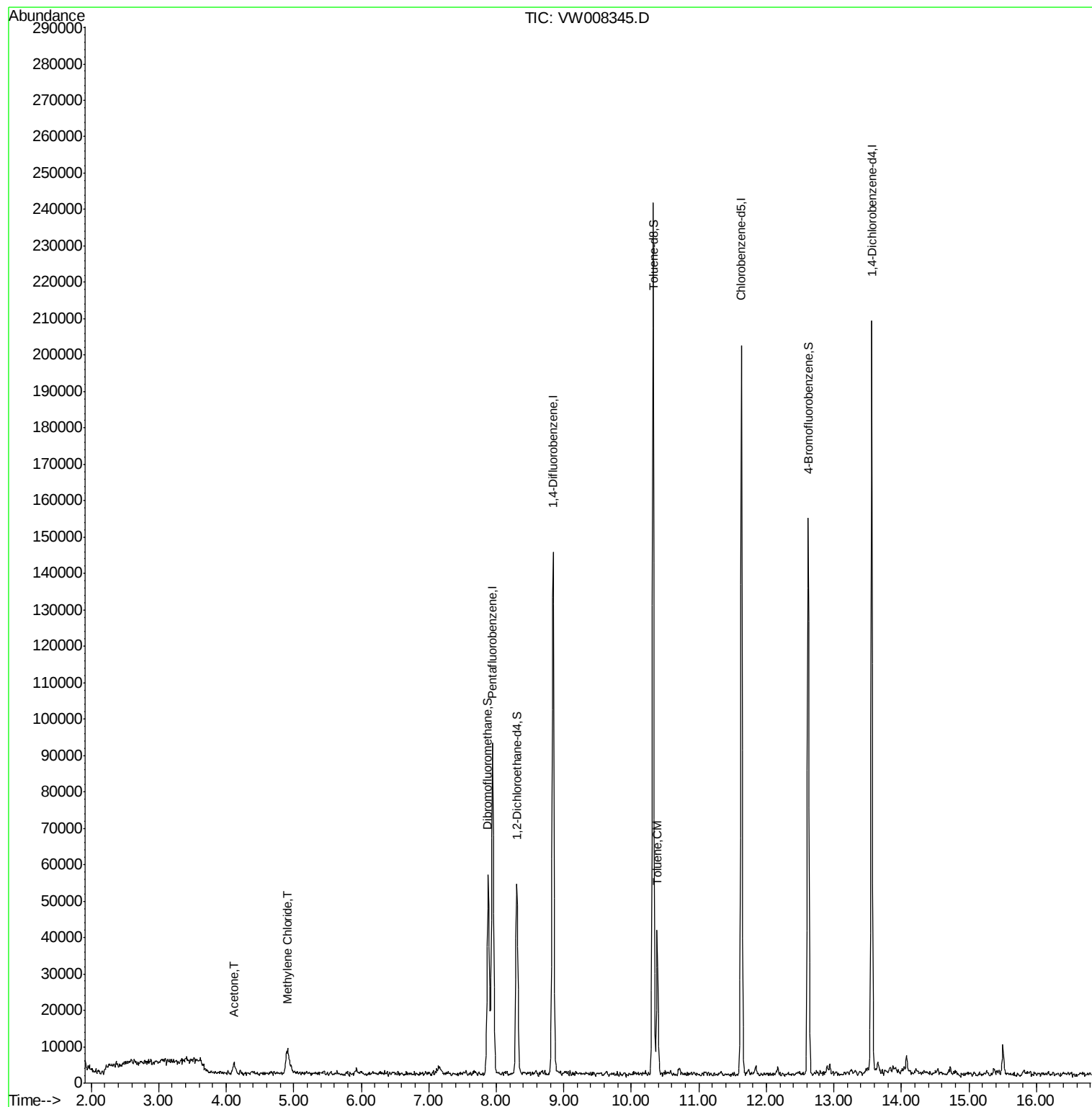
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	117214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	39467	59.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.84%	
35) Dibromofluoromethane	7.88	113	37978	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	10.32	98	154471	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.62	95	50003	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
Target Compounds						
16) Acetone	4.12	43	5208	33.763	ug/l #	88
20) Methylene Chloride	4.91	84	6125	5.392	ug/l	94
52) Toluene	10.38	92	16644	7.873	ug/l	95

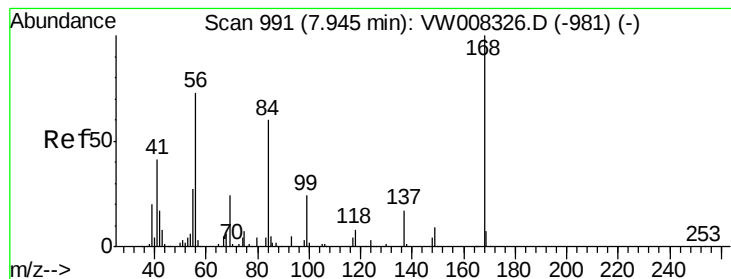
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011719\
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QLast Update : Fri Jan 18 00:57:07 2019
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: VW008345.D

Acq: 17 Jan 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

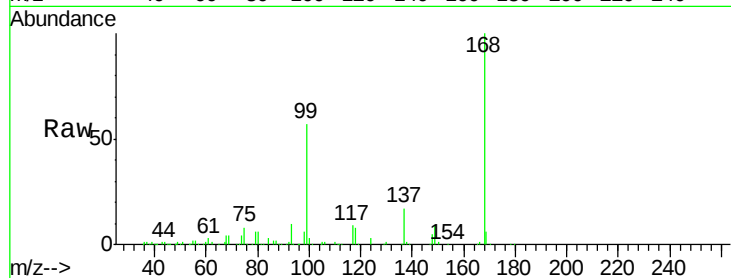
RBR-200050

Tot Ion:168 Resp: 63851

Ion Ratio Lower Upper

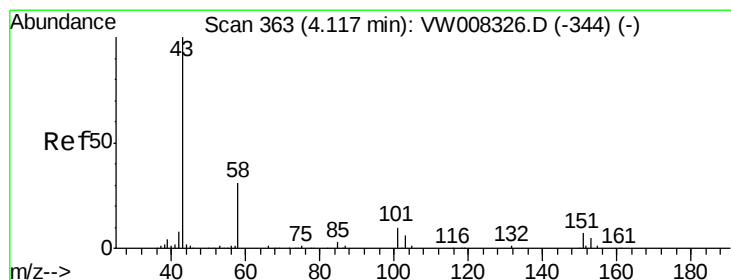
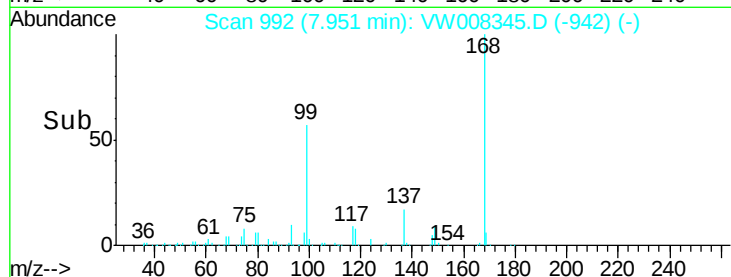
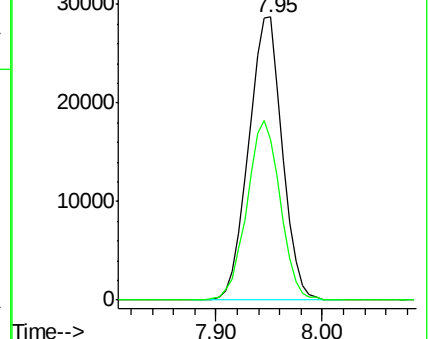
168 100

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



#16

Acetone

Concen: 33.763 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008345.D

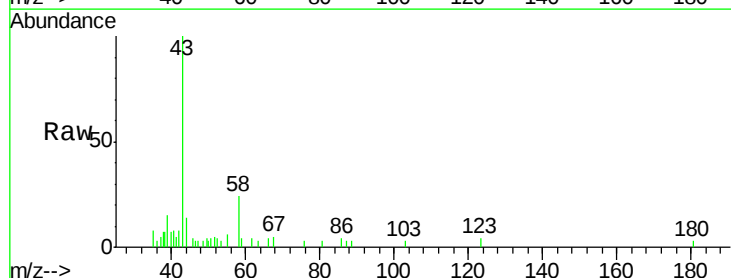
Acq: 17 Jan 2019 22:53

Tgt Ion: 43 Resp: 5208

Ion Ratio Lower Upper

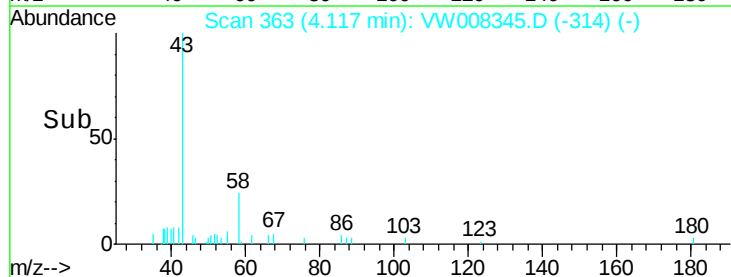
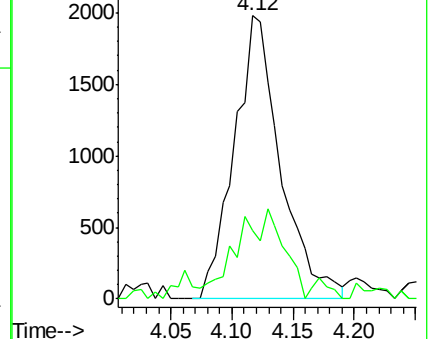
43 100

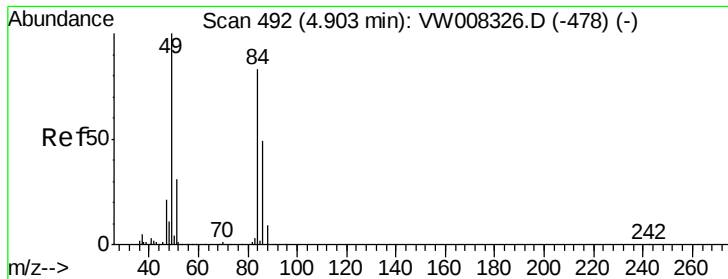
58 24.3 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

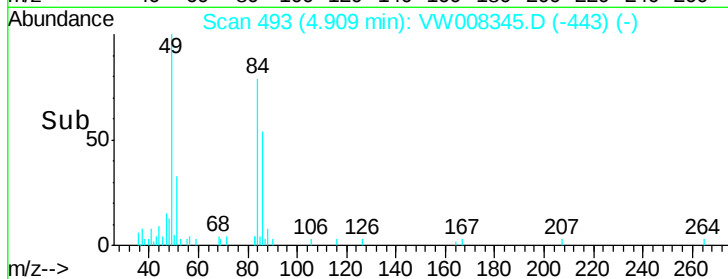
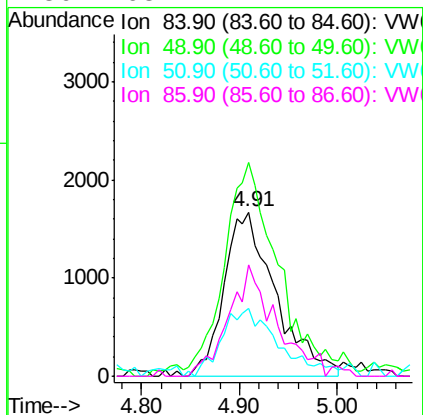
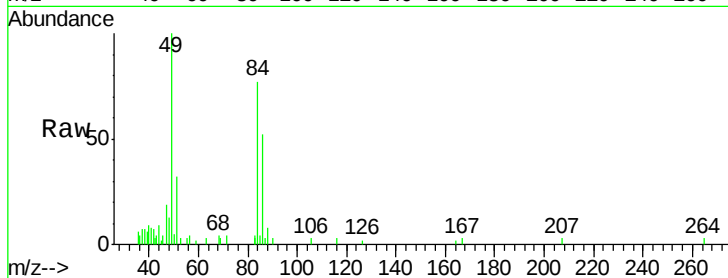




#20
Methvlene Chloride
Concen: 5.392 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008345.D
Acq: 17 Jan 2019 22:53

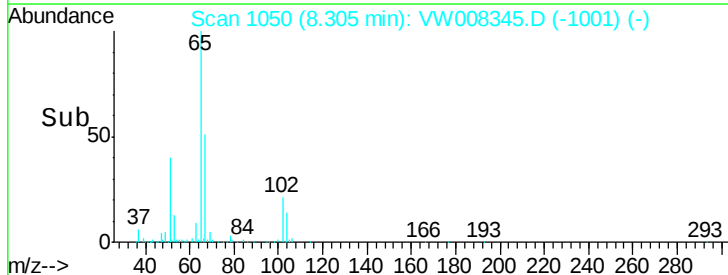
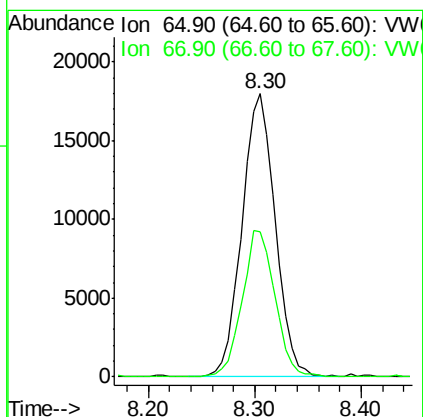
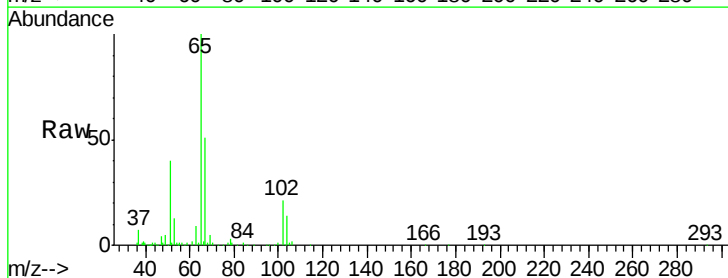
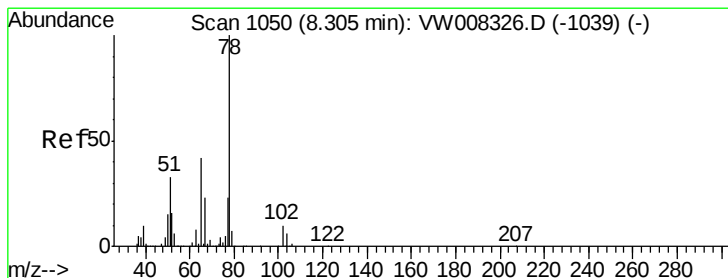
Instrument :
MSVOA_W
ClientSampleId :
RBR-200050

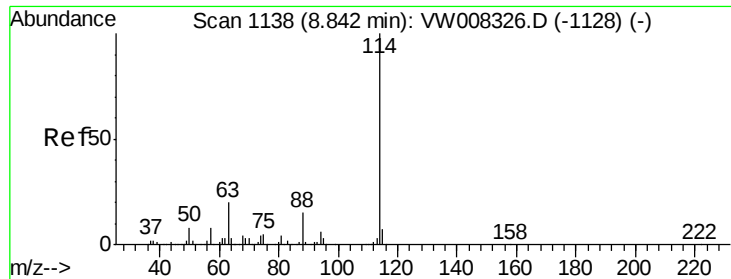
Tot Ion: 84 Resp: 6125
Ion Ratio Lower Upper
84 100
49 124.0 95.9 143.9
51 38.0 29.3 43.9
86 68.1 47.4 71.2



#33
1,2-Dichloroethane-d4
Concen: 59.421 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008345.D
Acq: 17 Jan 2019 22:53

Tgt Ion: 65 Resp: 39467
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2

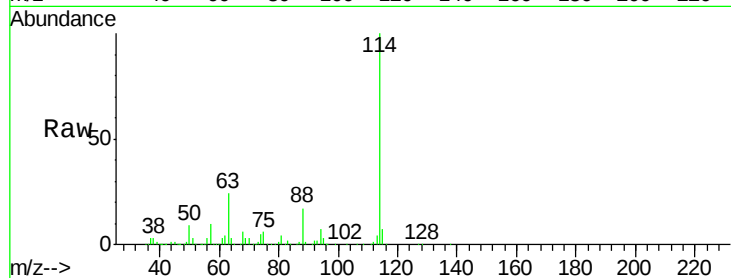




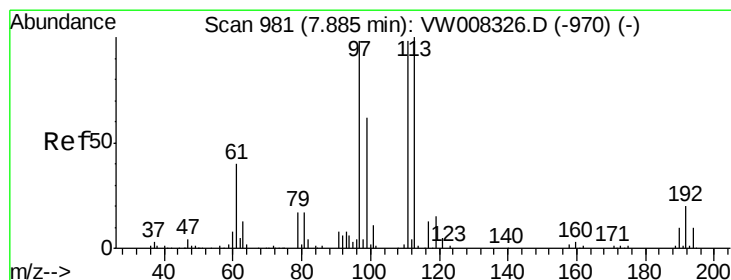
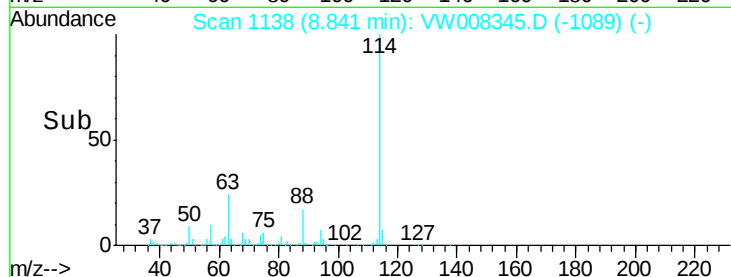
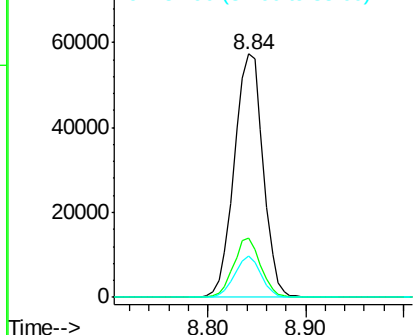
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008345.D
 Acq: 17 Jan 2019 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200050

Tot Ion:114 Resp: 117214
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 40.8
 88 17.0 0.0 30.4

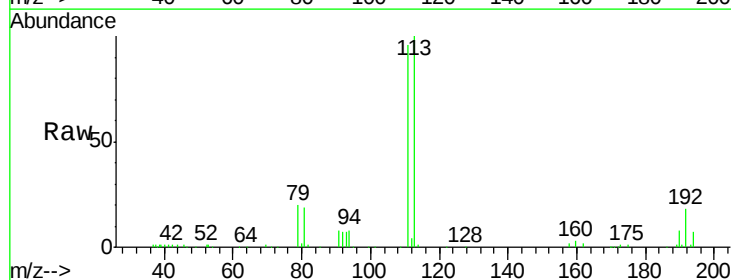


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

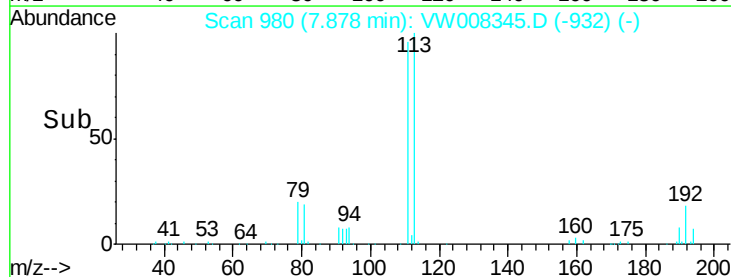
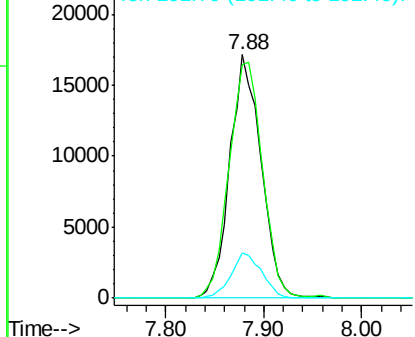


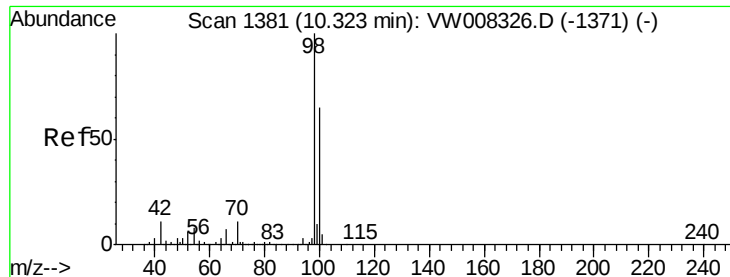
#35
 Dibromofluoromethane
 Concen: 50.758 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008345.D
 Acq: 17 Jan 2019 22:53

Tgt Ion:113 Resp: 37978
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.8 122.8
 192 18.2 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: 52.552 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008345.D

Acq: 17 Jan 2019 22:53

Instrument :

MSVOA_W

ClientSampled :

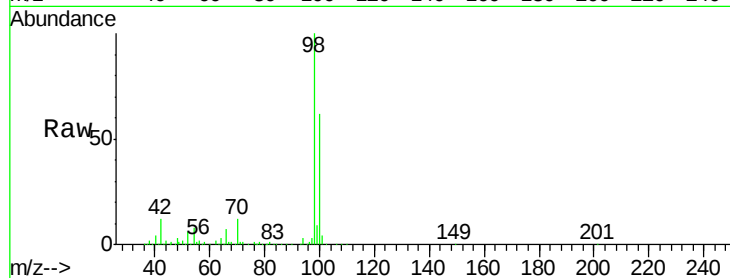
RBR-200050

Tot Ion: 98 Resp: 154471

Ion Ratio Lower Upper

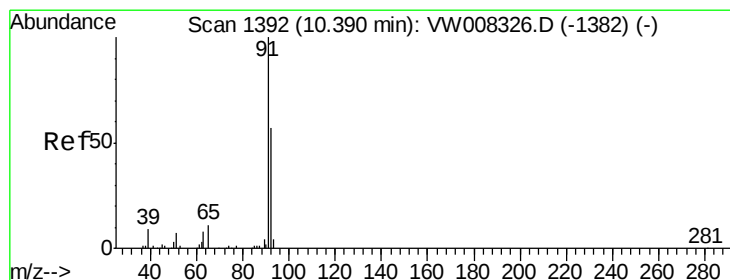
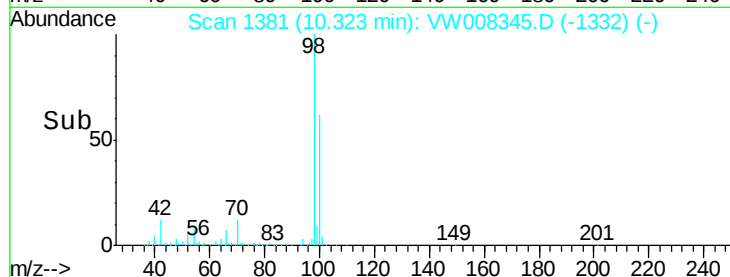
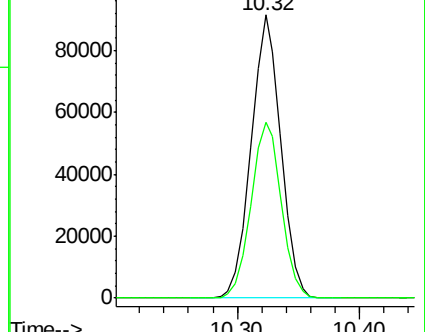
98 100

100 63.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 7.873 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008345.D

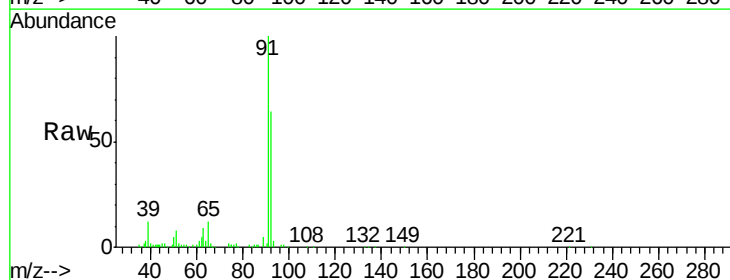
Acq: 17 Jan 2019 22:53

Tgt Ion: 92 Resp: 16644

Ion Ratio Lower Upper

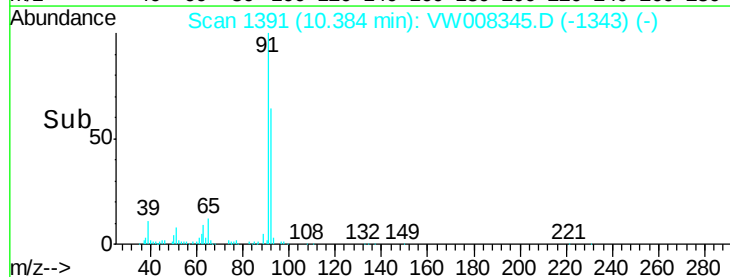
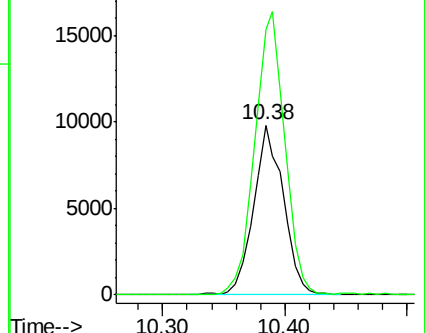
92 100

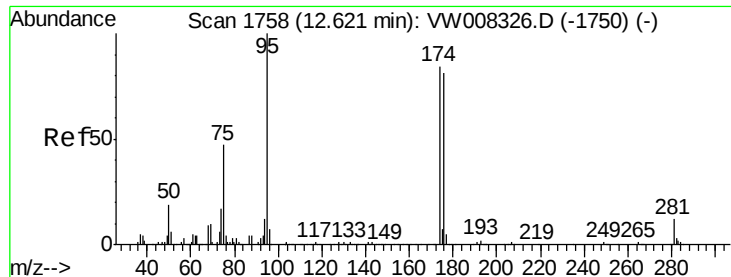
91 168.7 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 47.431 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008345.D

Acq: 17 Jan 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

RBR-200050

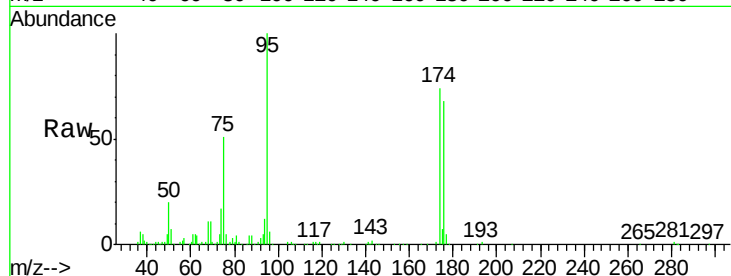
Tot Ion: 95 Resp: 50003

Ion Ratio Lower Upper

95 100

174 75.1 0.0 166.0

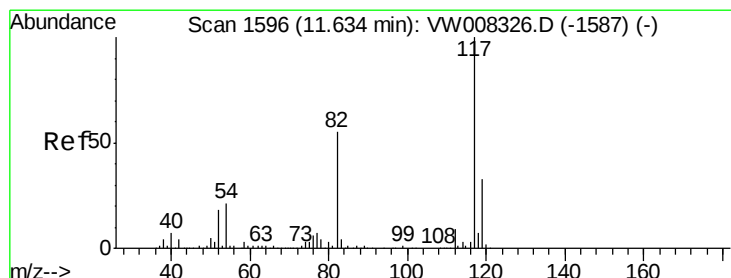
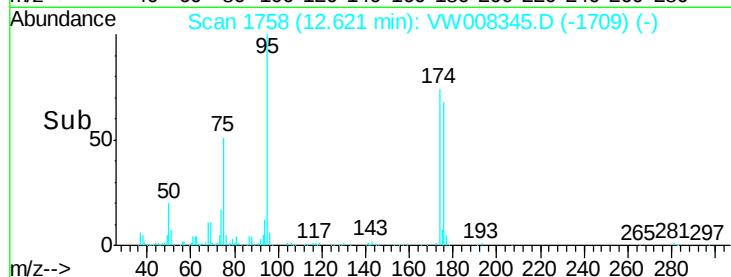
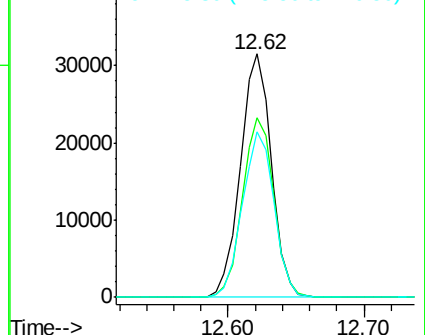
176 69.8 0.0 160.0



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: VW008345.D

Acq: 17 Jan 2019 22:53

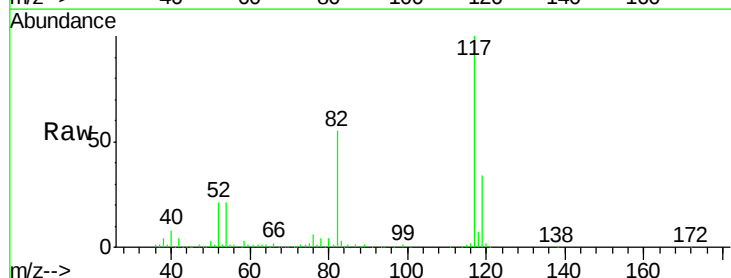
Tgt Ion: 117 Resp: 109454

Ion Ratio Lower Upper

117 100

82 55.4 44.3 66.5

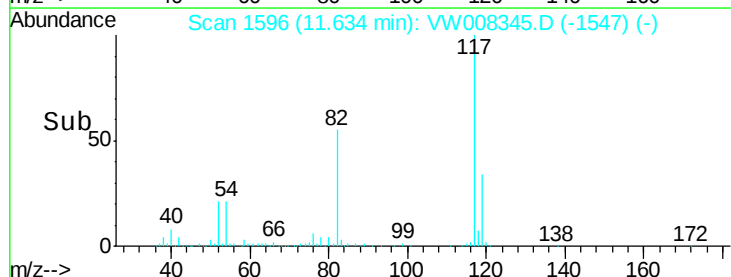
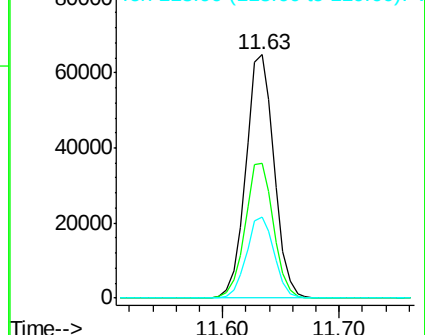
119 33.5 26.3 39.5

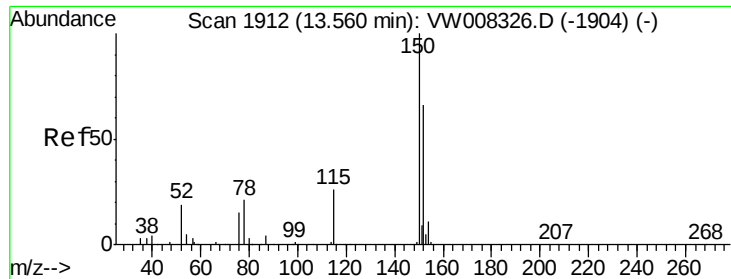


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008345.D

Acq: 17 Jan 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

RBR-200050

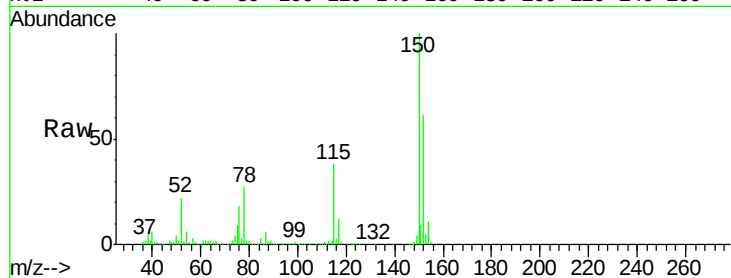
Tot Ion:152 Resp: 49621

Ion Ratio Lower Upper

152 100

115 60.7 28.8 86.4

150 158.2 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

