

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010708.D
 Acq On : 06 Jun 2019 14:27
 Operator : SY/VA
 Sample : K3211-03
 Misc : 3.99G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200050

Quant Time: Jun 07 08:24:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

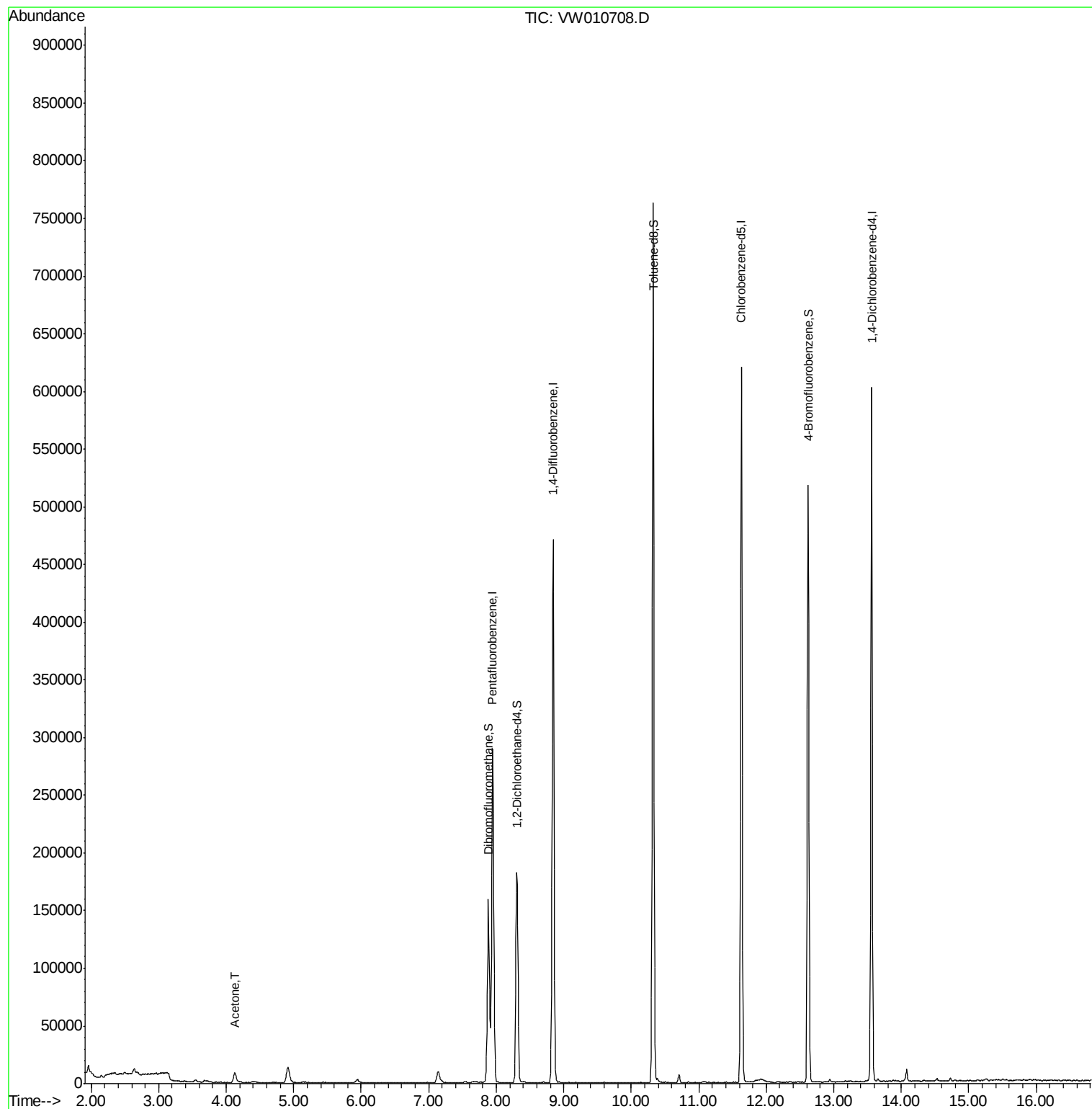
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147873	59.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.98%	
35) Dibromofluoromethane	7.88	113	108658	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
50) Toluene-d8	10.32	98	477906	55.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.20%	
62) 4-Bromofluorobenzene	12.62	95	168985	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
Target Compounds						
16) Acetone	4.13	43	16260	24.619	ug/l	Qvalue 99

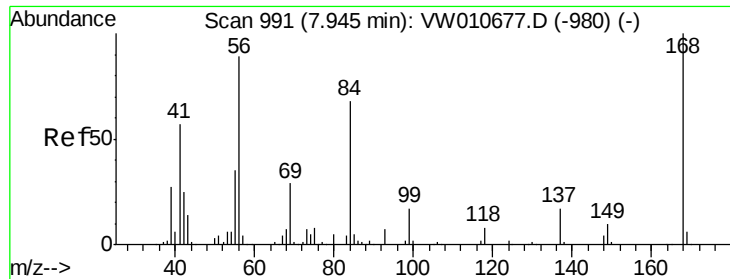
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

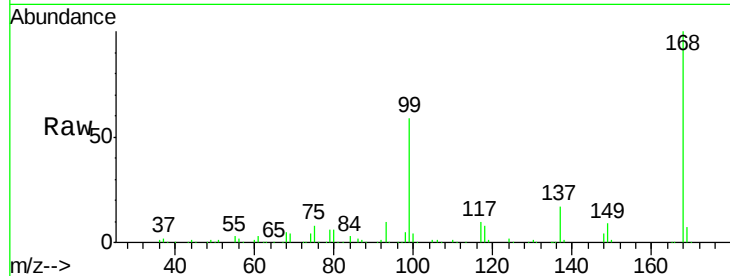
RBR-200050

Tot Ion:168 Resp: 209124

Ion Ratio Lower Upper

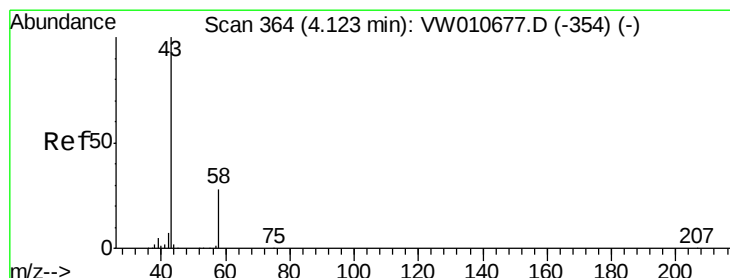
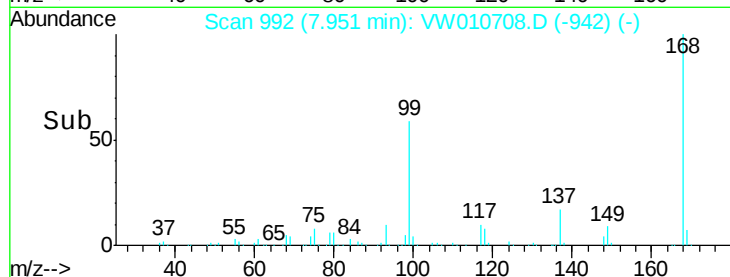
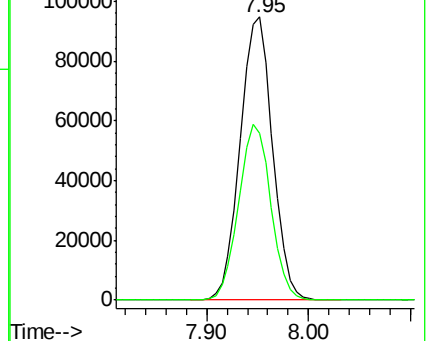
168 100

99 59.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 24.619 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010708.D

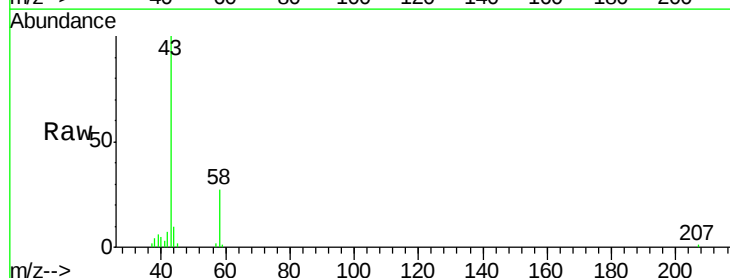
Acq: 06 Jun 2019 14:27

Tgt Ion: 43 Resp: 16260

Ion Ratio Lower Upper

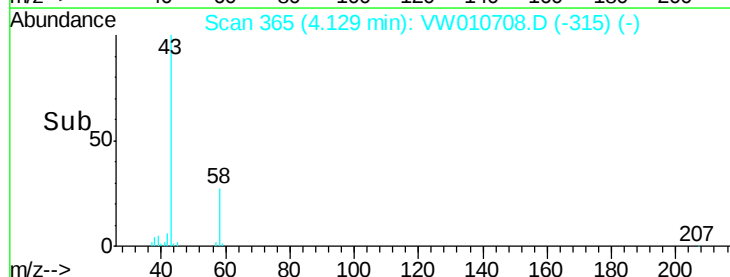
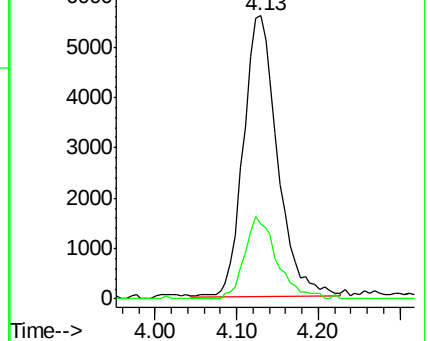
43 100

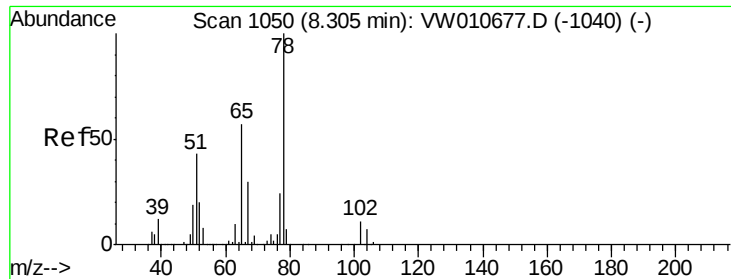
58 26.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 59.992 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

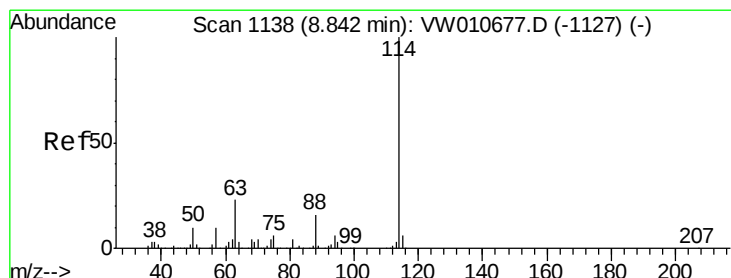
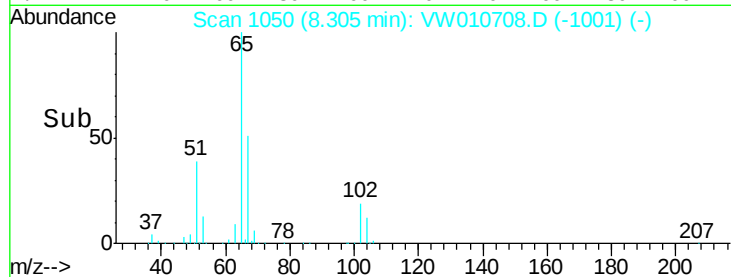
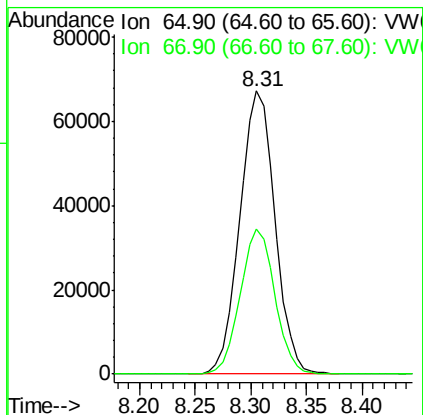
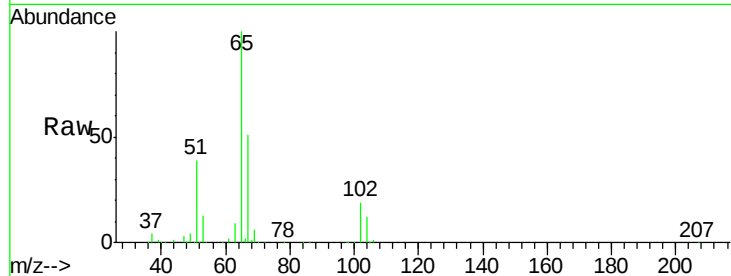
RBR-200050

Tot Ion: 65 Resp: 147873

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

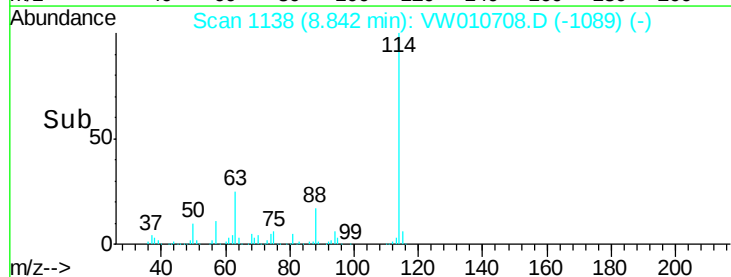
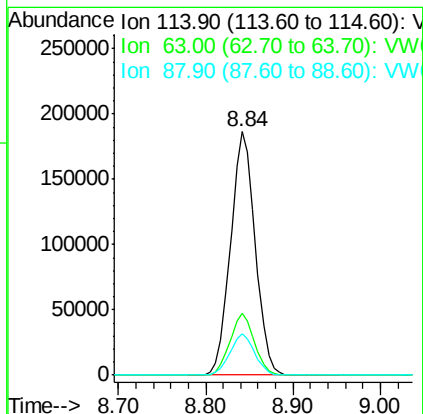
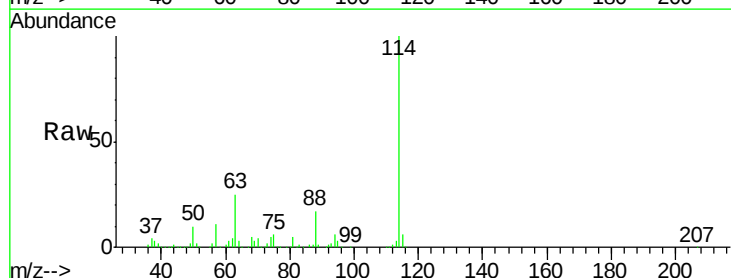
Tgt Ion: 114 Resp: 364433

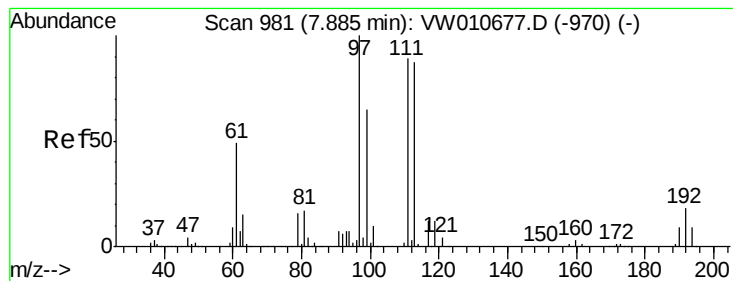
Ion Ratio Lower Upper

114 100

63 25.2 0.0 46.4

88 17.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.931 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

RBR-200050

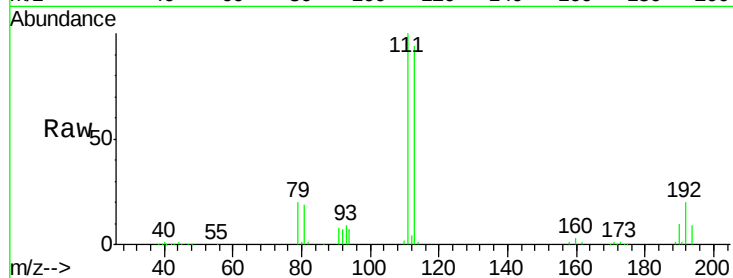
Tot Ion:113 Resp: 108658

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

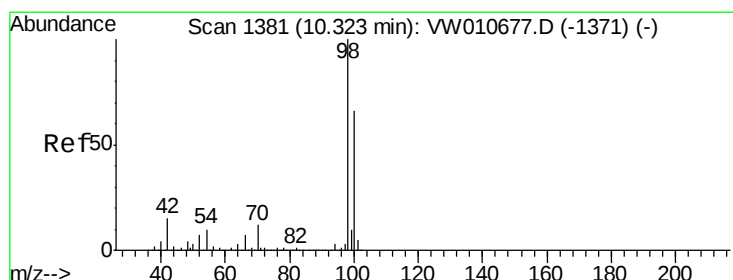
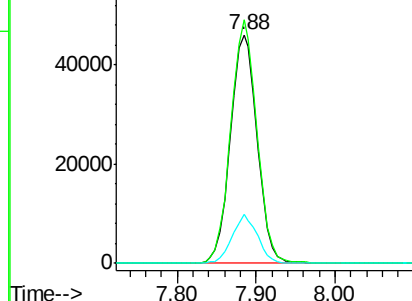
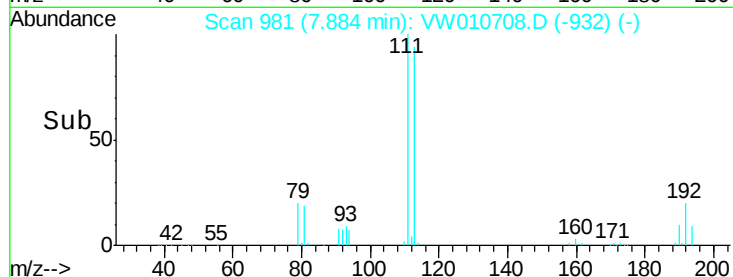
192 20.1 16.4 24.6



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: 55.096 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010708.D

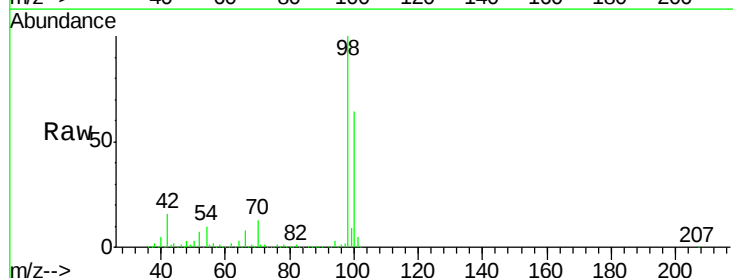
Acq: 06 Jun 2019 14:27

Tgt Ion: 98 Resp: 477906

Ion Ratio Lower Upper

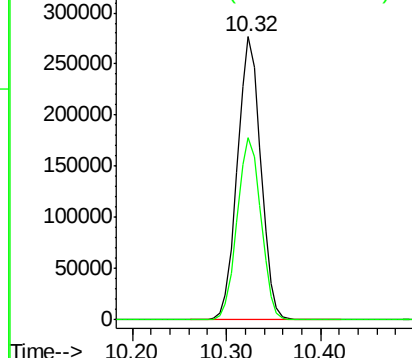
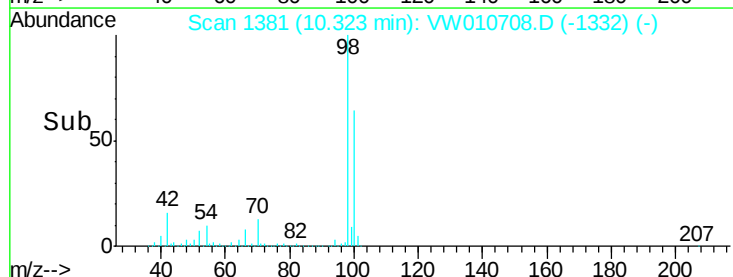
98 100

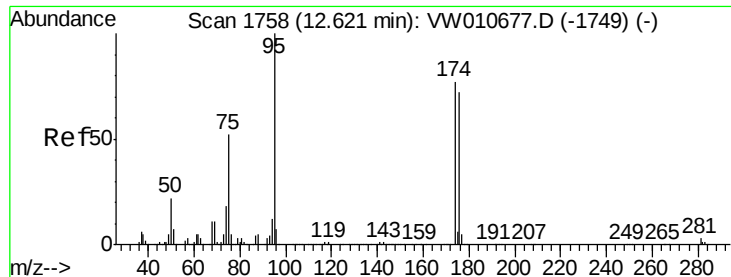
100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

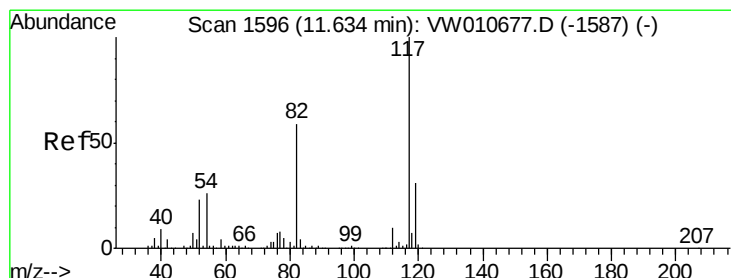
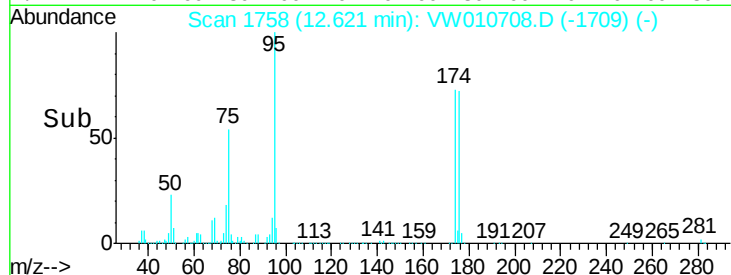
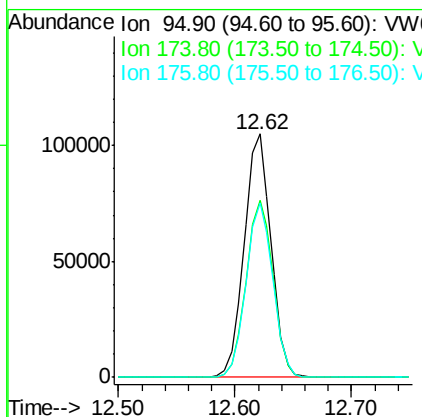
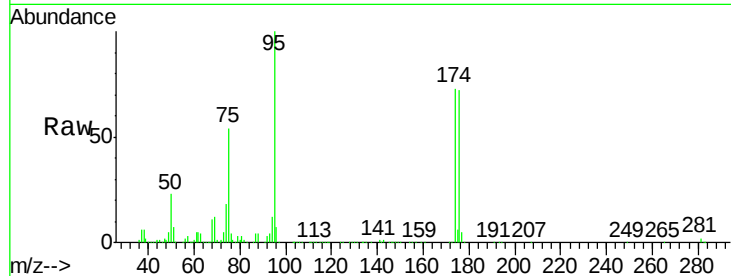




#62
4-Bromofluorobenzene
Concen: 53.538 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010708.D
Acq: 06 Jun 2019 14:27

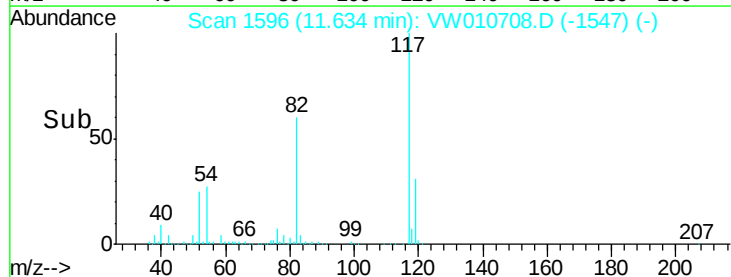
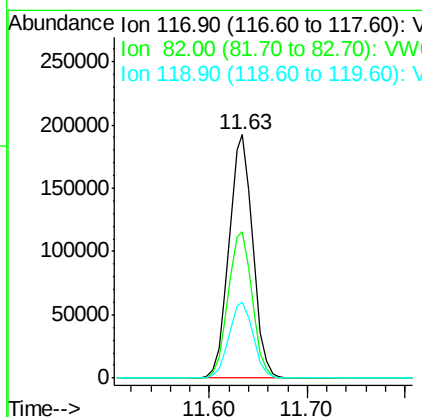
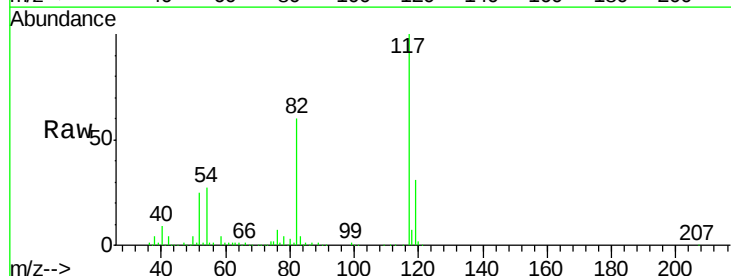
Instrument :
MSVOA_W
ClientSampleId :
RBR-200050

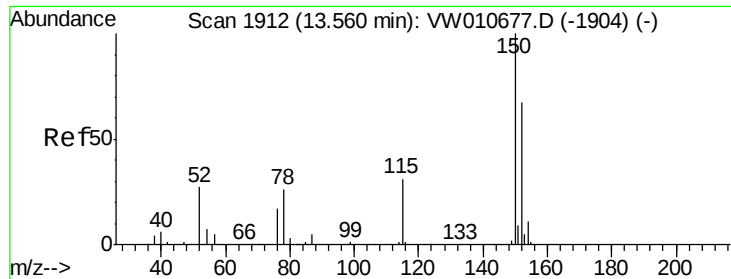
Tot Ion: 95 Resp: 168985
Ion Ratio Lower Upper
95 100
174 73.4 0.0 150.4
176 71.6 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010708.D
Acq: 06 Jun 2019 14:27

Tgt Ion: 117 Resp: 322587
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.4
119 31.4 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

RBR-200050

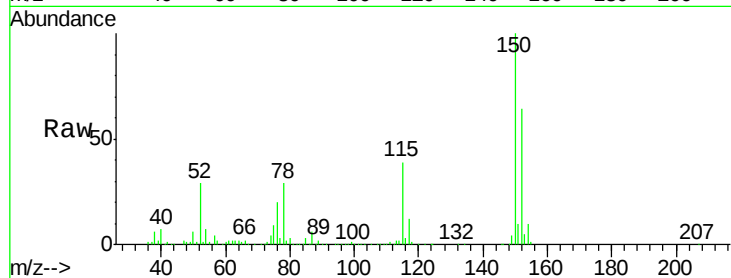
Tot Ion:152 Resp: 144622

Ion Ratio Lower Upper

152 100

115 59.6 29.8 89.3

150 155.5 0.0 345.0



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

