

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010707.D
 Acq On : 06 Jun 2019 13:59
 Operator : SY/VA
 Sample : K3211-01
 Misc : 7.34G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-20002

Quant Time: Jun 07 08:22:02 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

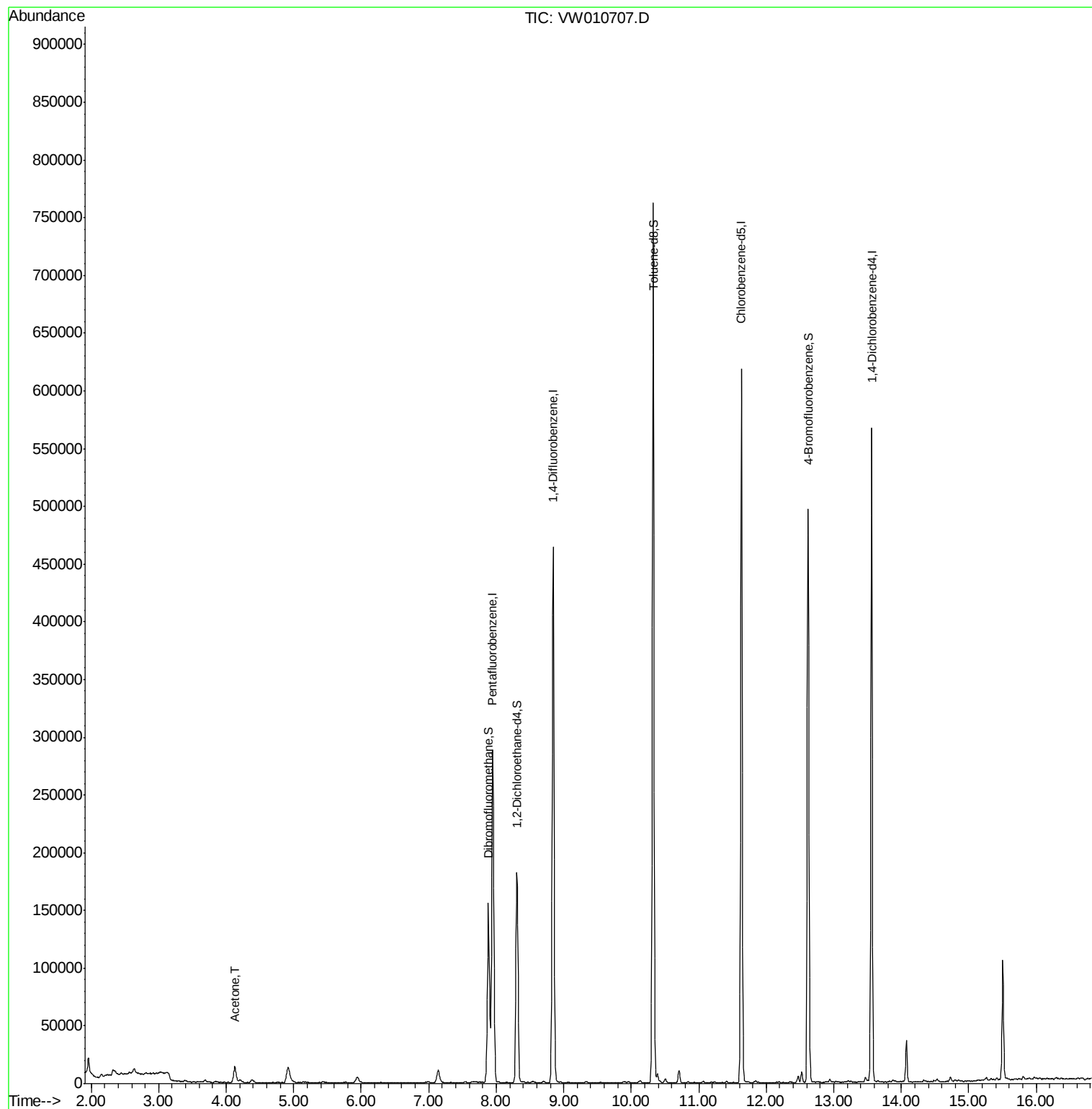
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145535	58.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.48%	
35) Dibromofluoromethane	7.88	113	106766	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
50) Toluene-d8	10.32	98	474840	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
62) 4-Bromofluorobenzene	12.62	95	163068	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
Target Compounds						
16) Acetone	4.12	43	24991	37.647	ug/l	Qvalue 97

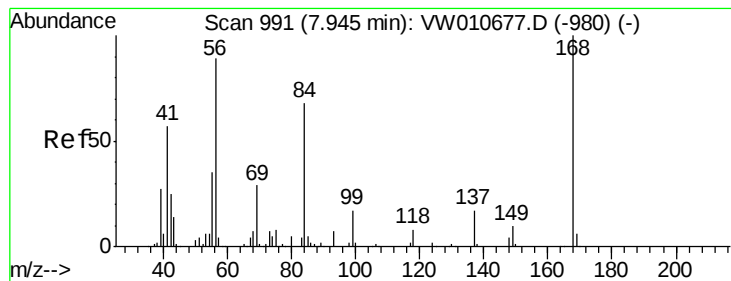
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 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: VW010707.D

Acq: 06 Jun 2019 13:59

Instrument :

MSVOA_W

ClientSampled :

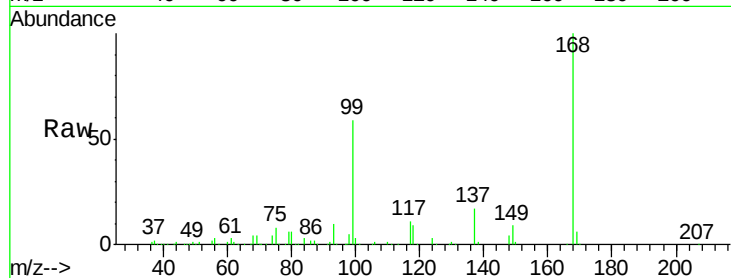
RBR-20002

Tot Ion:168 Resp: 210188

Ion Ratio Lower Upper

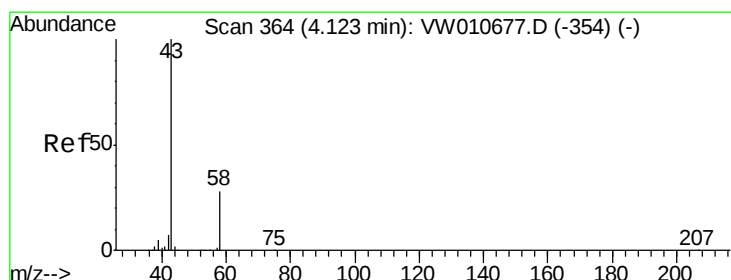
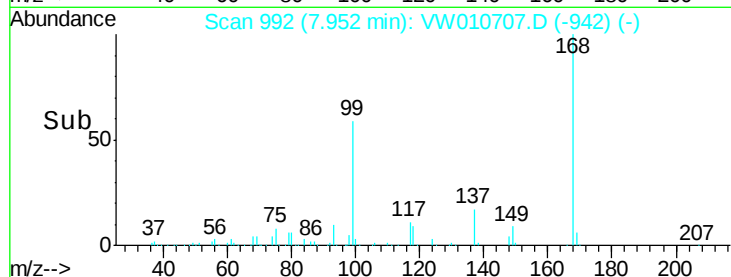
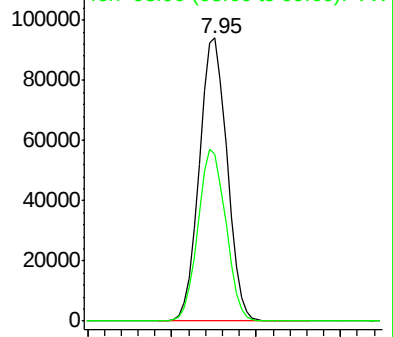
168 100

99 59.0 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: 37.647 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010707.D

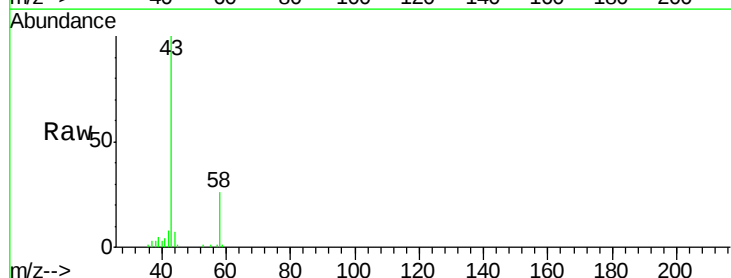
Acq: 06 Jun 2019 13:59

Tgt Ion: 43 Resp: 24991

Ion Ratio Lower Upper

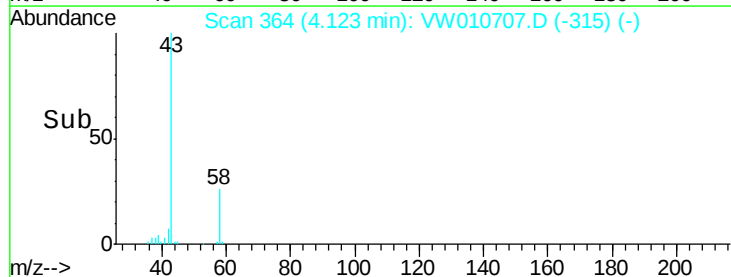
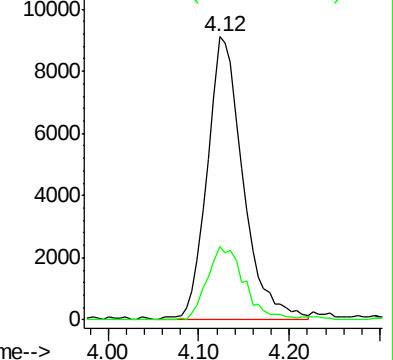
43 100

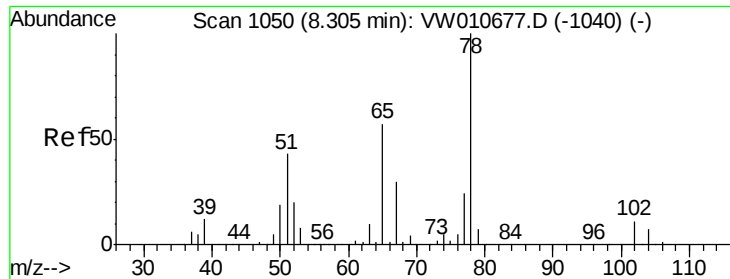
58 25.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

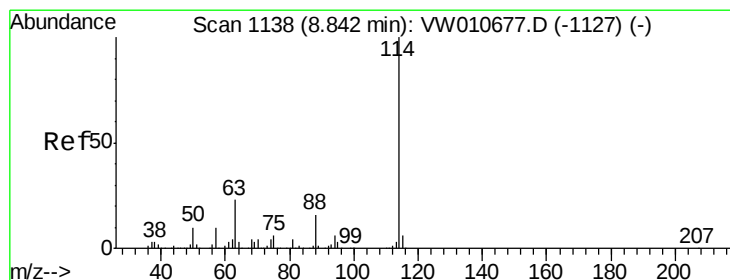
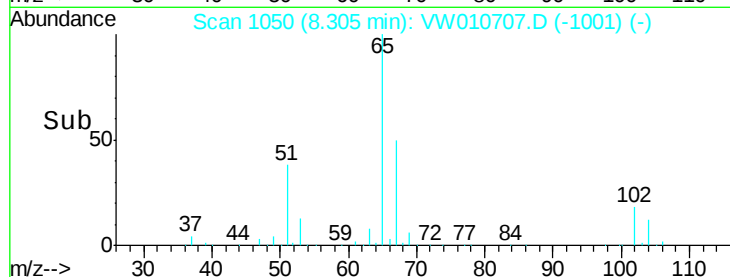
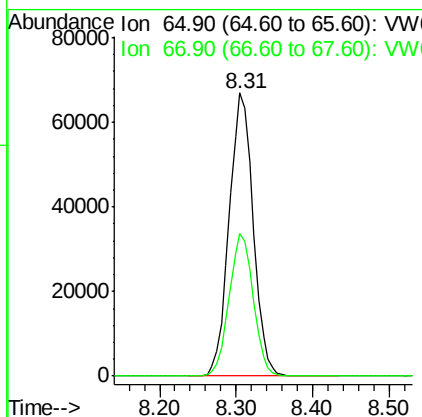
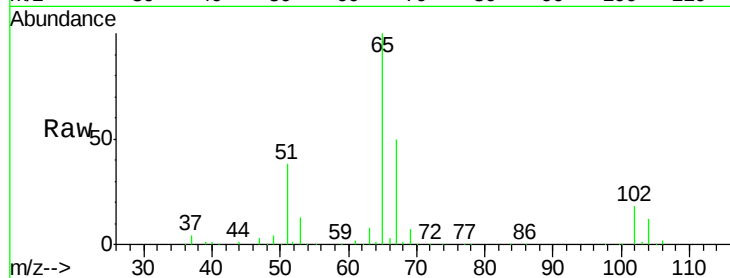




#33
 1,2-Dichloroethane-d4
 Concen: 58.745 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010707.D
 Acq: 06 Jun 2019 13:59

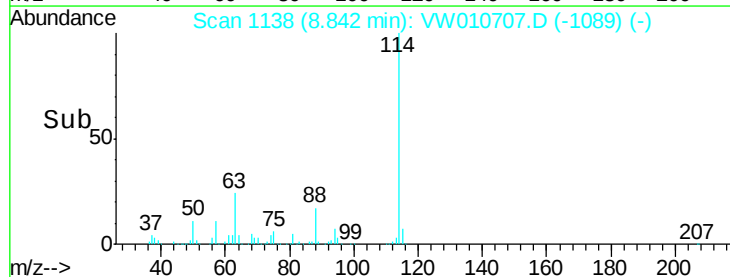
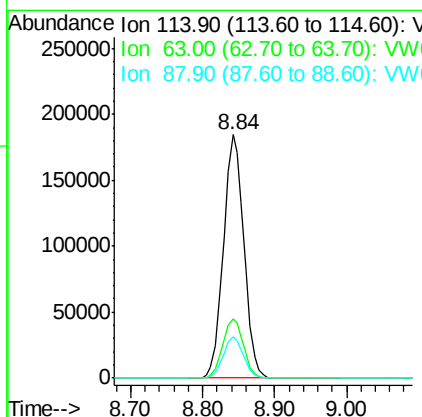
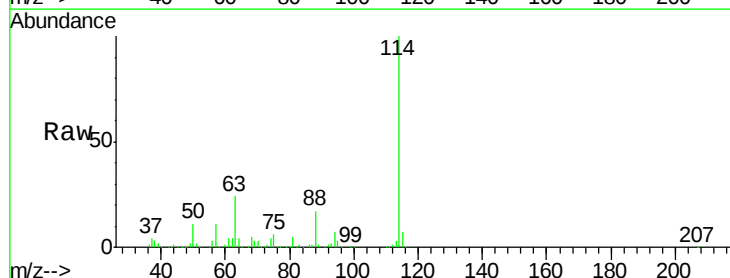
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-20002

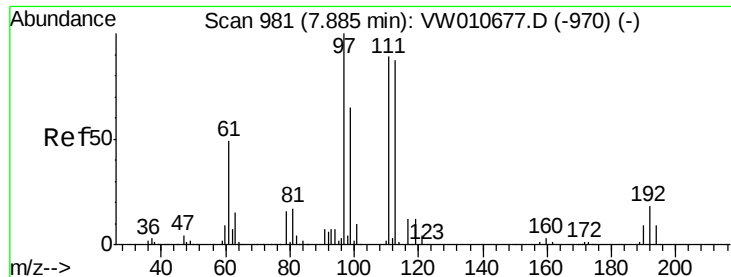
Tot Ion: 65 Resp: 145535
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010707.D
 Acq: 06 Jun 2019 13:59

Tgt Ion: 114 Resp: 364283
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.4
 88 17.1 0.0 32.2

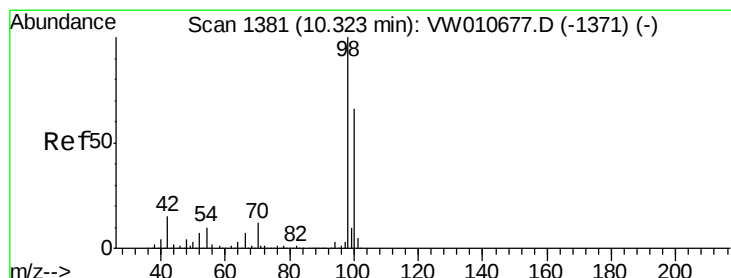
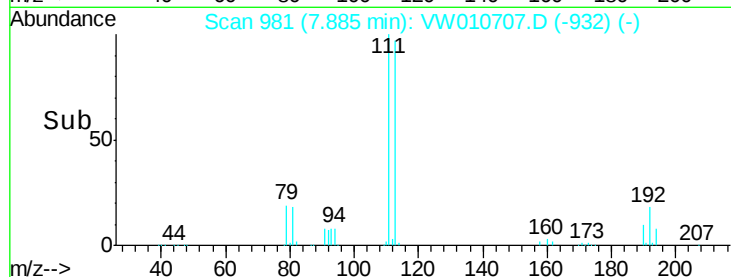
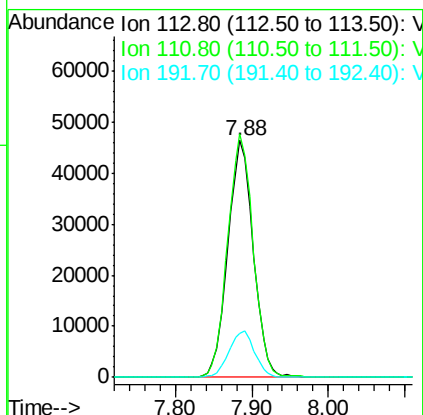
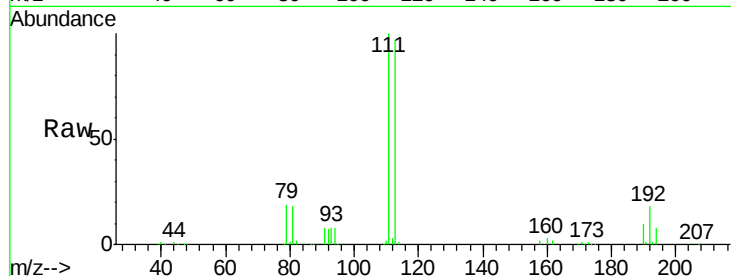




#35
Dibromofluoromethane
Concen: 53.997 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

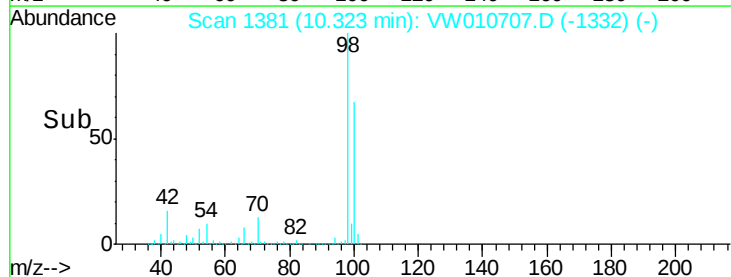
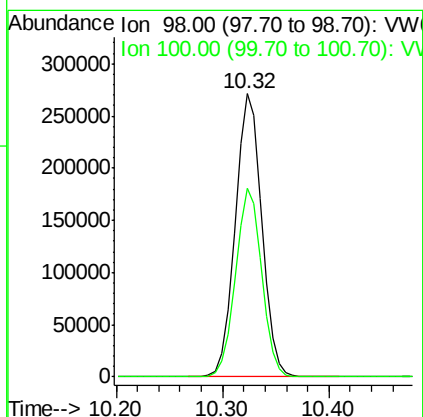
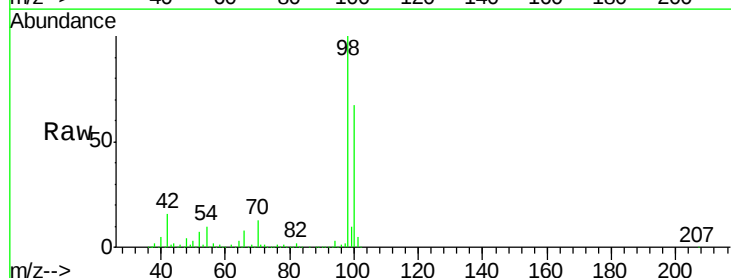
Instrument :
MSVOA_W
ClientSampleId :
RBR-20002

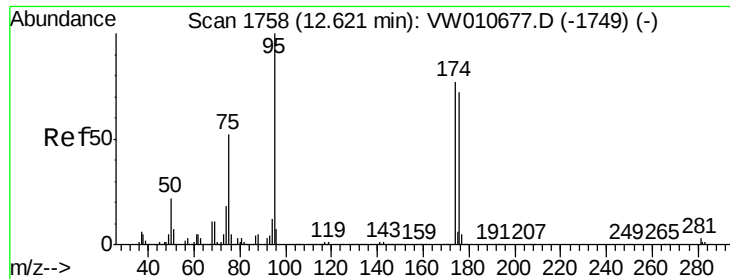
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	19.7	16.4	24.6



#50
Toluene-d8
Concen: 54.765 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6

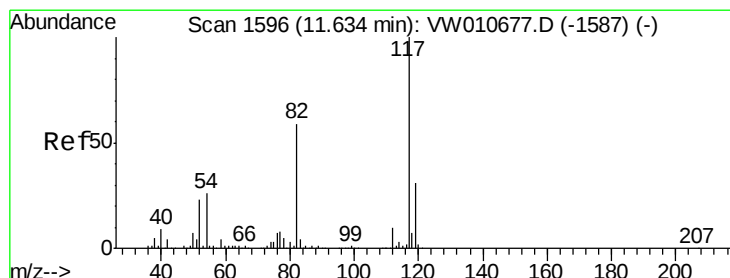
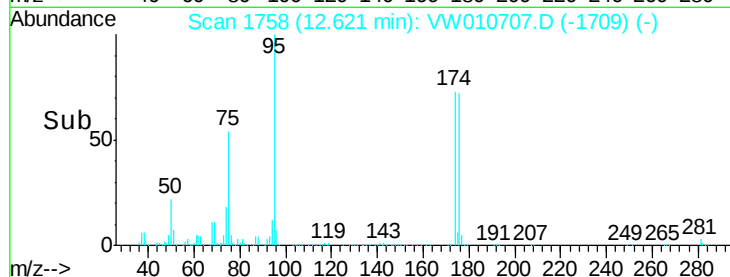
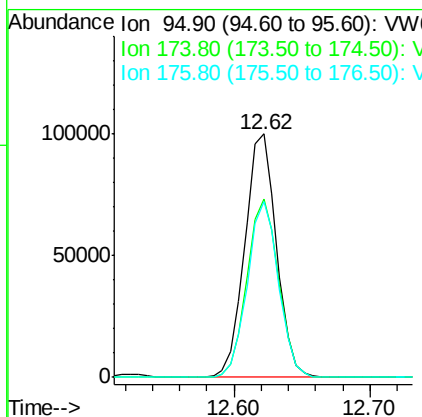
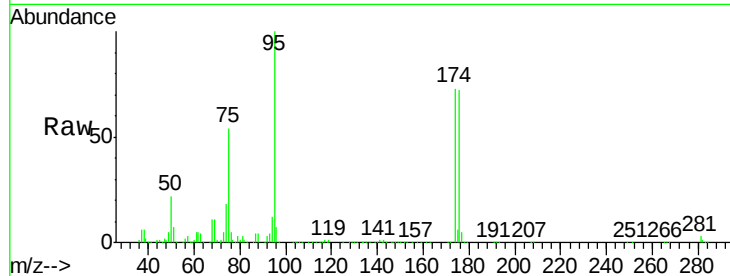




#62
4-Bromofluorobenzene
Concen: 51.684 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

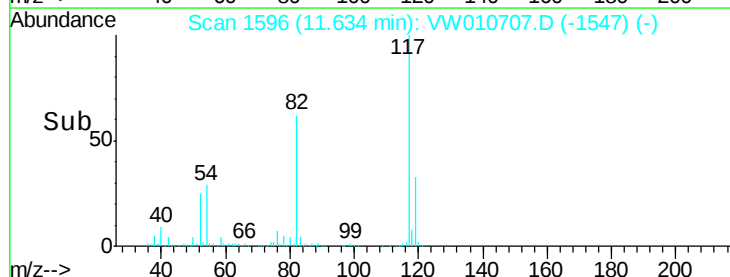
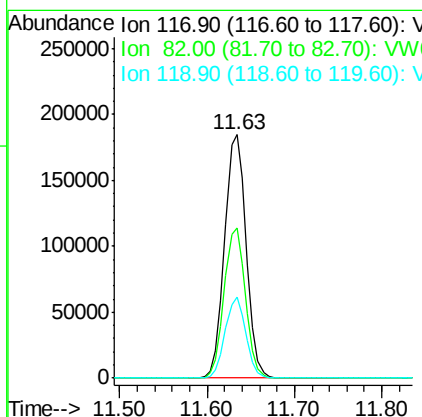
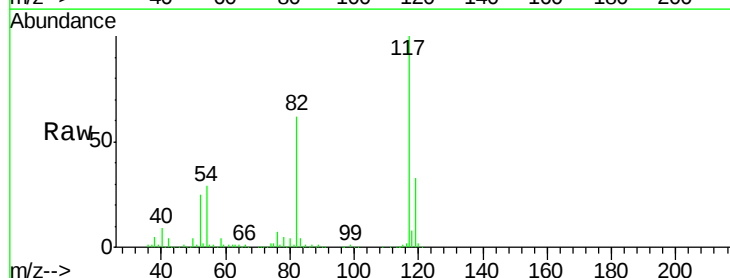
Instrument :
MSVOA_W
ClientSampled :
RBR-20002

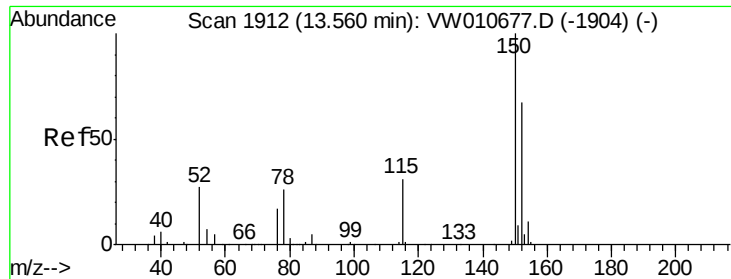
Tot Ion: 95 Resp: 163068
Ion Ratio Lower Upper
95 100
174 73.4 0.0 150.4
176 71.3 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

Tgt Ion: 117 Resp: 315455
Ion Ratio Lower Upper
117 100
82 61.5 47.0 70.4
119 33.0 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: VW010707.D

Acq: 06 Jun 2019 13:59

Instrument :

MSVOA_W

ClientSampleId :

RBR-20002

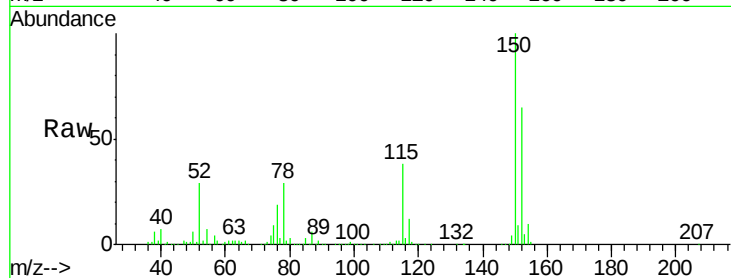
Tot Ion:152 Resp: 134605

Ion Ratio Lower Upper

152 100

115 60.1 29.8 89.3

150 156.8 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

