

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013072.D
 Acq On : 17 Sep 2019 06:14
 Operator : SY/VA
 Sample : K4900-01
 Misc : 4.89G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200027-RBR-200049

Quant Time: Sep 17 08:46:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

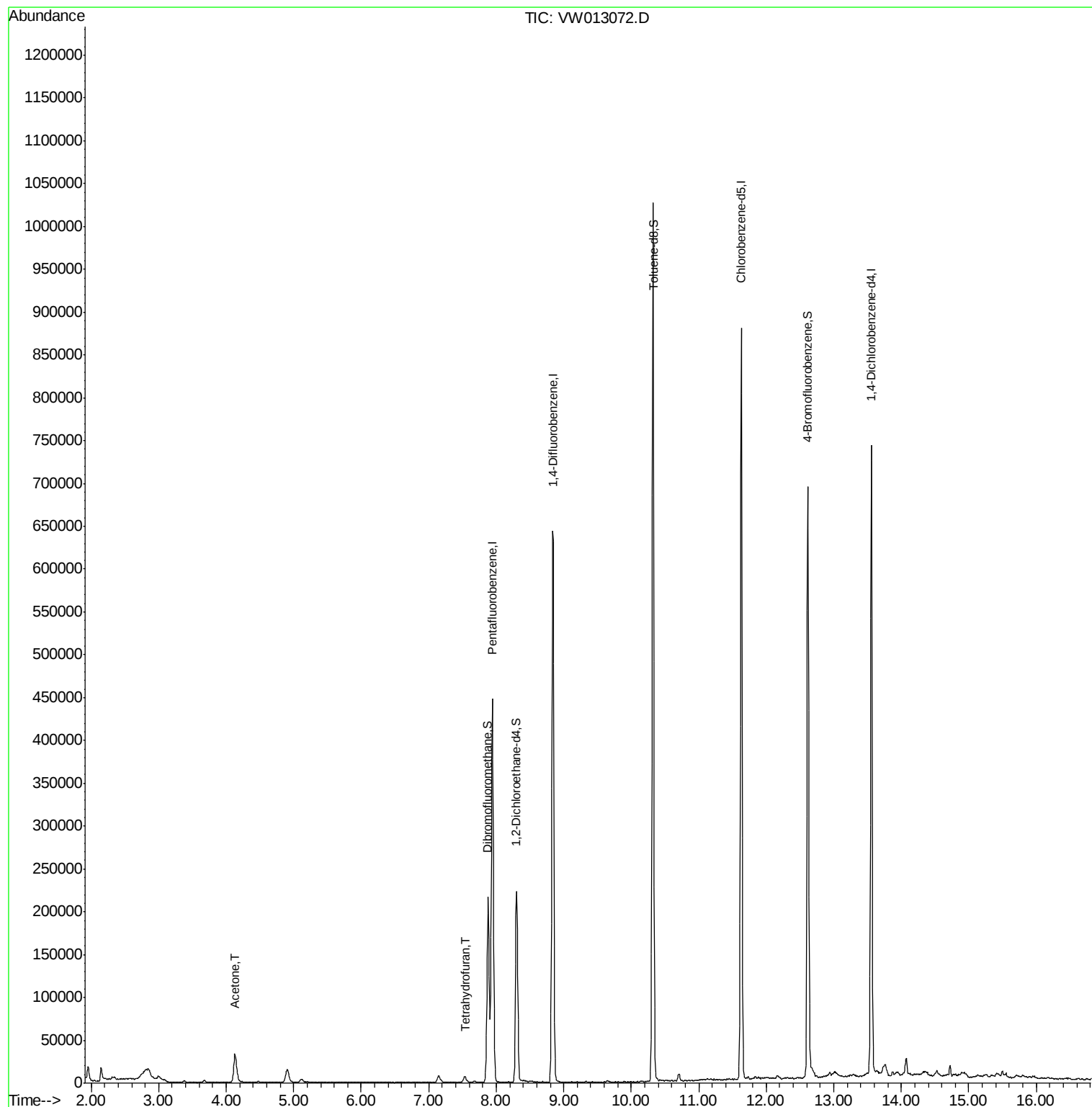
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	358636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	541475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	487908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	199611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	184323	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
35) Dibromofluoromethane	7.88	113	155752	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
50) Toluene-d8	10.32	98	670915	58.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.70%	
62) 4-Bromofluorobenzene	12.62	95	222320	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
Target Compounds						
16) Acetone	4.13	43	67400	80.526	ug/l	96
29) Tetrahydrofuran	7.54	42	6142	10.235	ug/l	97

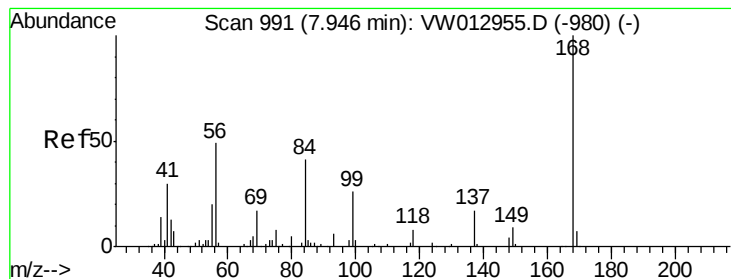
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013072.D

Acq: 17 Sep 2019 06:14

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ClientSampleId :

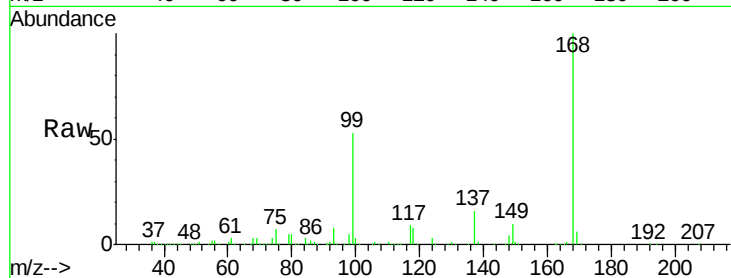
RBR-200027-RBR-200049

Tot Ion:168 Resp: 358636

Ion Ratio Lower Upper

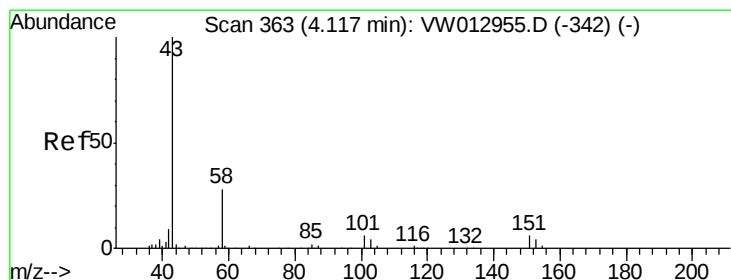
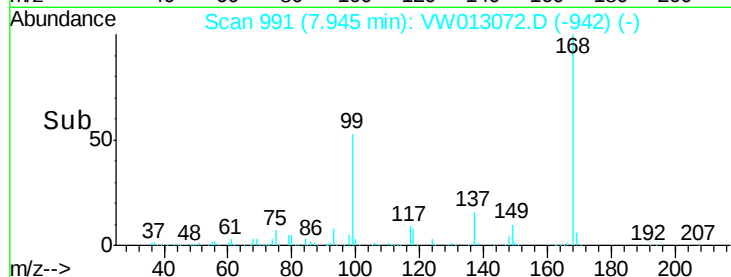
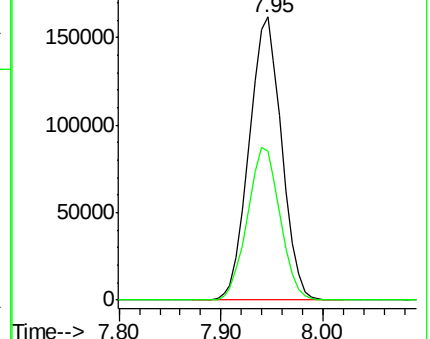
168 100

99 52.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 80.526 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013072.D

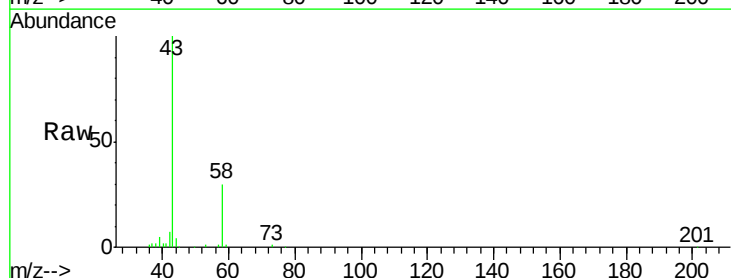
Acq: 17 Sep 2019 06:14

Tgt Ion: 43 Resp: 67400

Ion Ratio Lower Upper

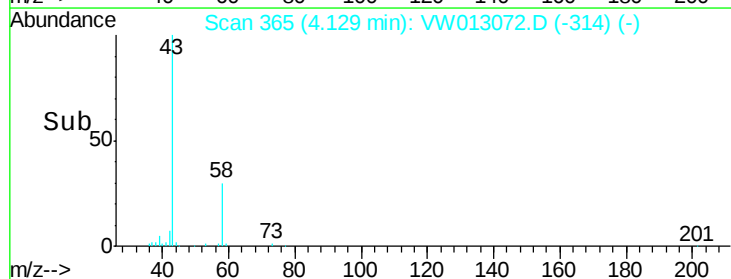
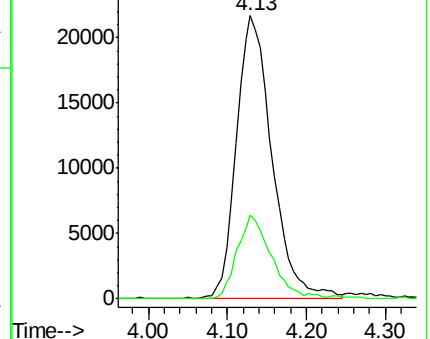
43 100

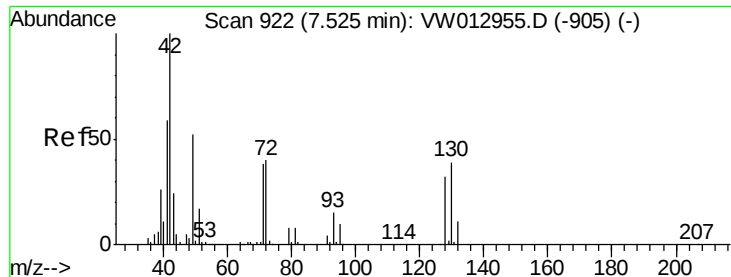
58 29.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

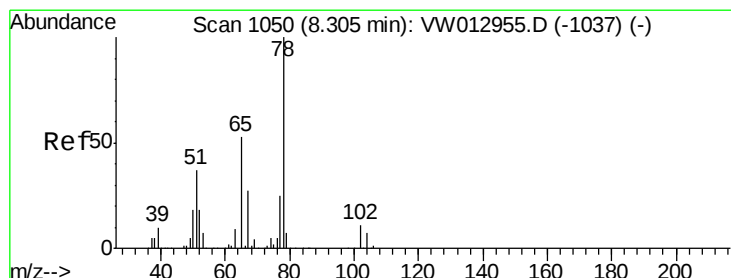
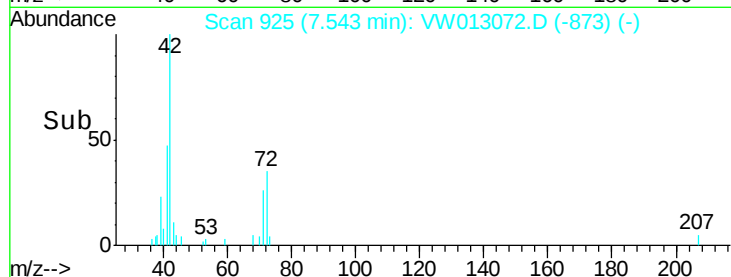
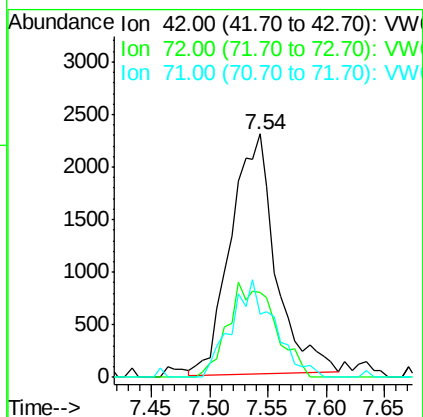
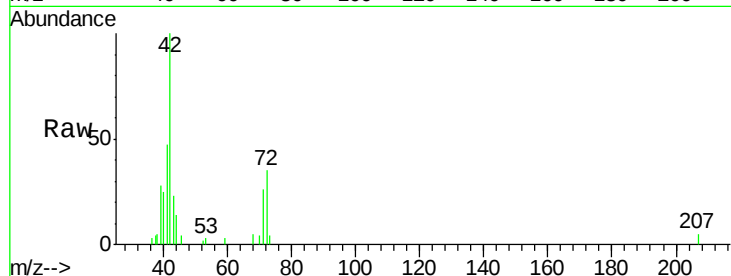




#29
Tetrahydrofuran
Concen: 10.235 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW013072.D
Acq: 17 Sep 2019 06:14

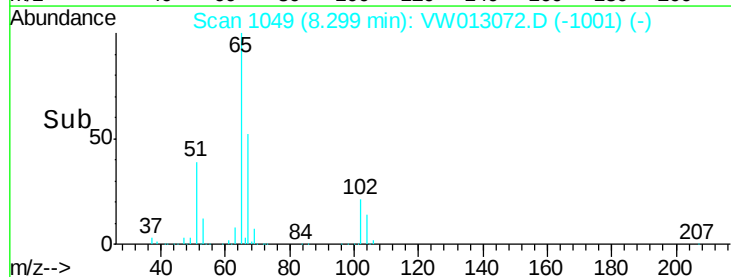
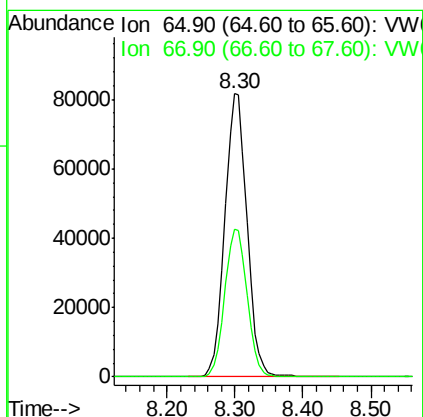
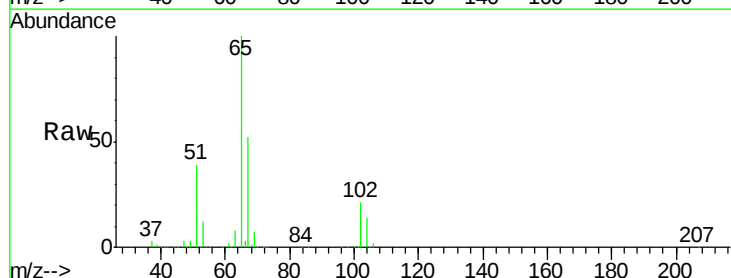
Instrument :
MSVOA_W
ClientSampleId :
RBR-200027-RBR-200049

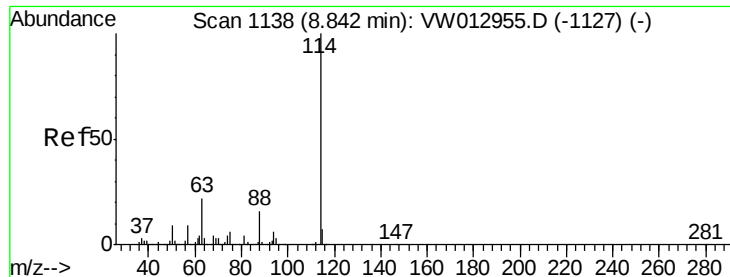
Tot Ion: 42 Resp: 6142
Ion Ratio Lower Upper
42 100
72 40.8 31.4 47.0
71 38.8 29.8 44.8



#33
1,2-Dichloroethane-d4
Concen: 55.649 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW013072.D
Acq: 17 Sep 2019 06:14

Tgt Ion: 65 Resp: 184323
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.2

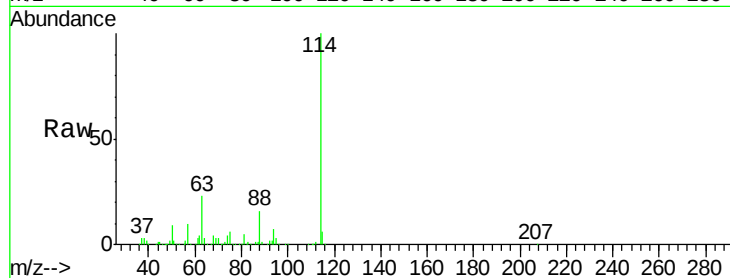




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013072.D
 Acq: 17 Sep 2019 06:14

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200027-RBR-200049

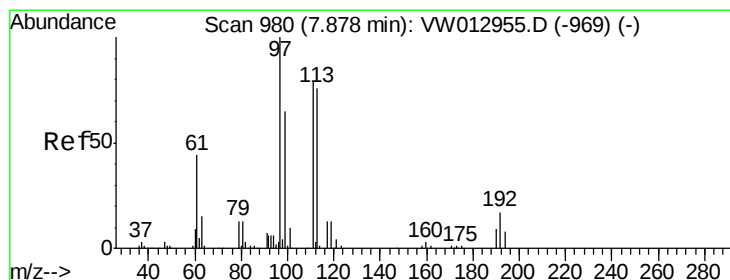
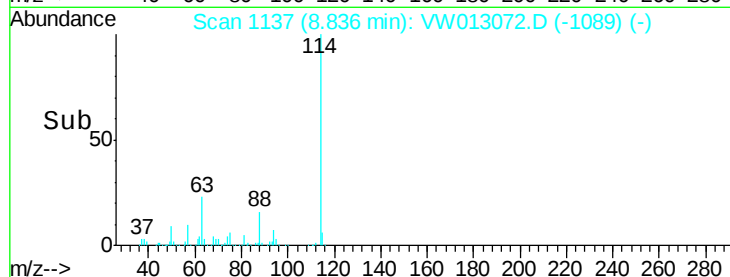
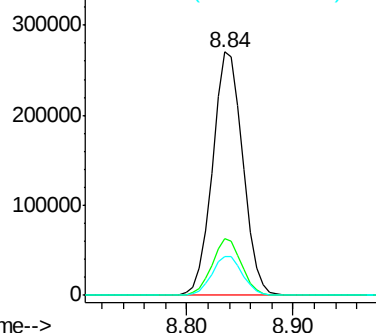
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	43.4
88	15.8	0.0	31.6



Abundance Ion 113.90 (113.60 to 114.60): V

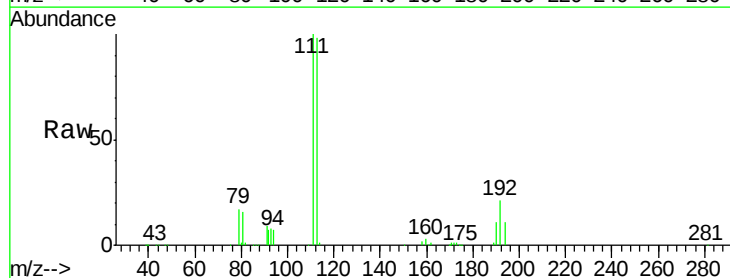
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 53.011 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013072.D
 Acq: 17 Sep 2019 06:14

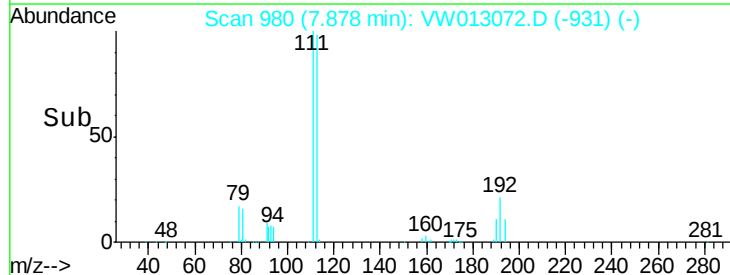
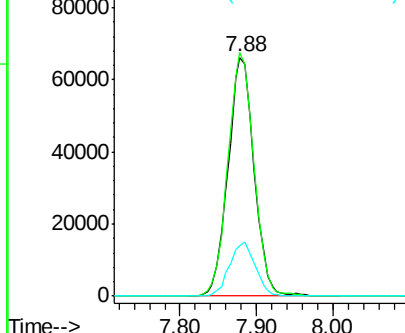
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	22.5	17.8	26.8

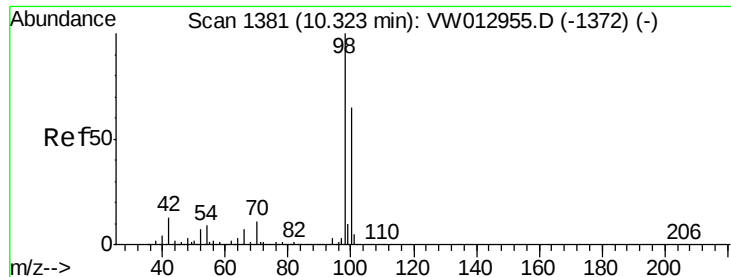


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 58.355 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013072.D

Acq: 17 Sep 2019 06:14

Instrument :

MSVOA_W

ClientSampleId :

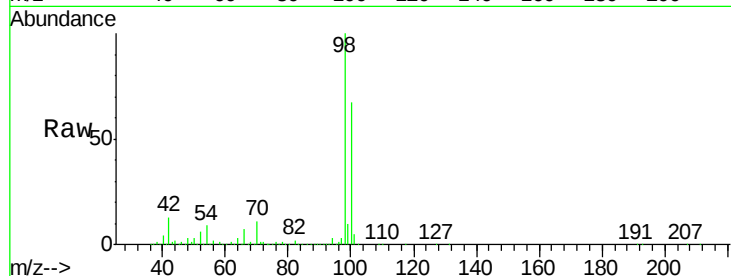
RBR-200027-RBR-200049

Tot Ion: 98 Resp: 670915

Ion Ratio Lower Upper

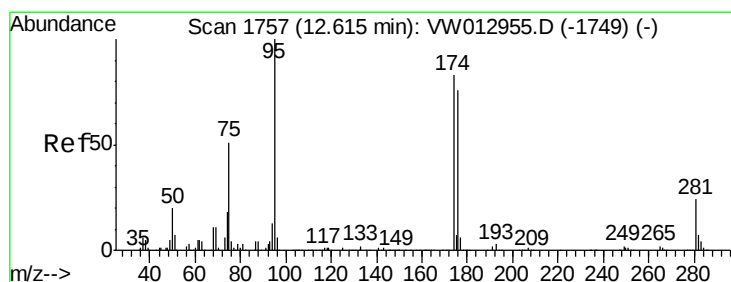
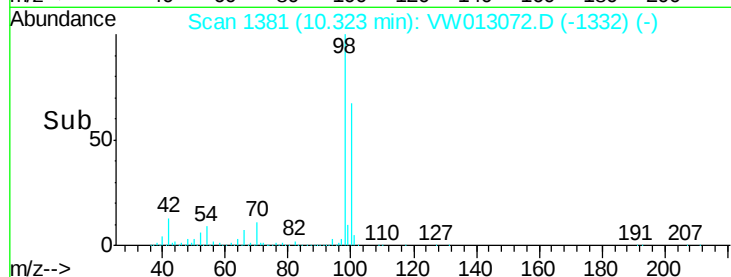
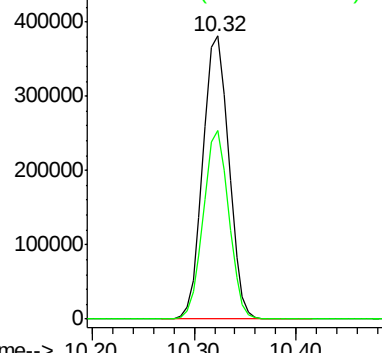
98 100

100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 53.777 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013072.D

Acq: 17 Sep 2019 06:14

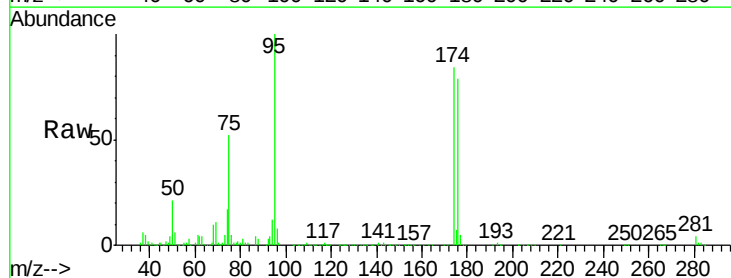
Tgt Ion: 95 Resp: 222320

Ion Ratio Lower Upper

95 100

174 82.8 0.0 170.4

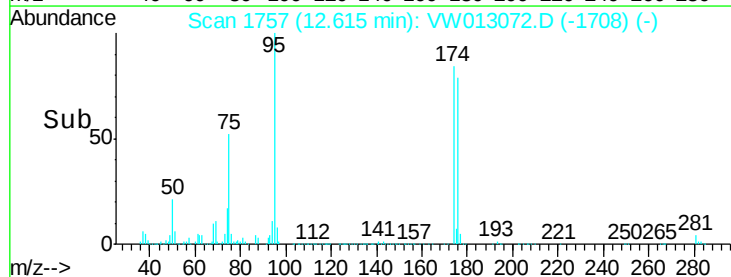
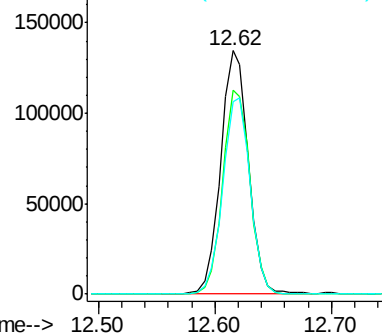
176 80.4 0.0 164.6

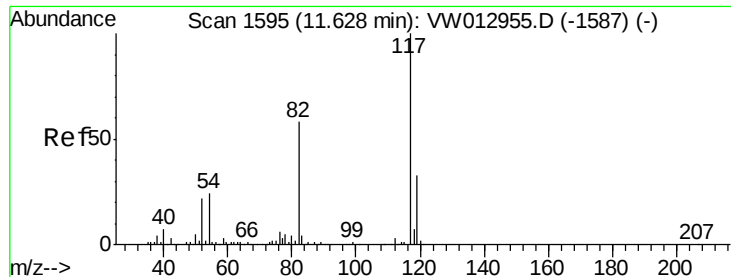


Abundance Ion 94.90 (94.60 to 95.60): VW

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# 1595

Delta R.T. -0.00 min

Lab File: VW013072.D

Acq: 17 Sep 2019 06:14

Instrument :

MSVOA_W

ClientSampleId :

RBR-200027-RBR-200049

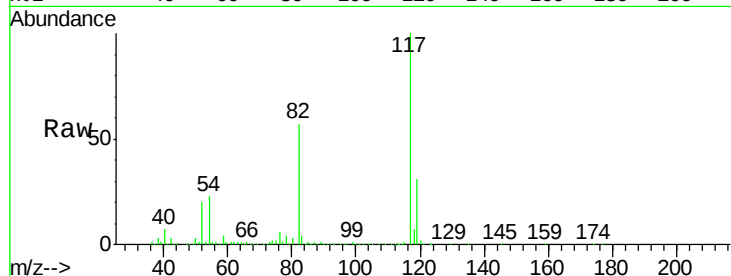
Tot Ion:117 Resp: 487908

Ion Ratio Lower Upper

117 100

82 57.1 46.3 69.5

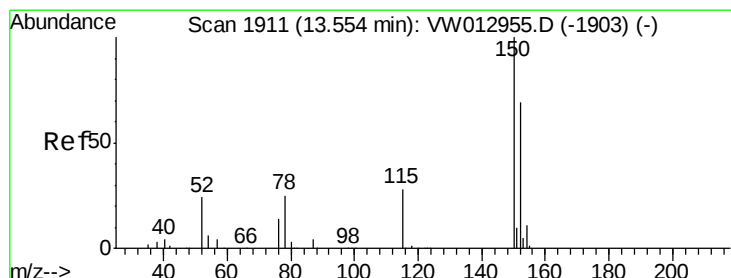
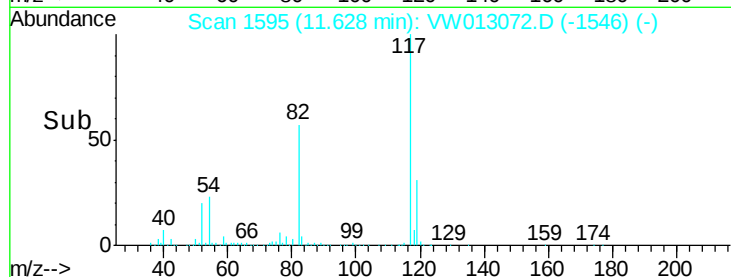
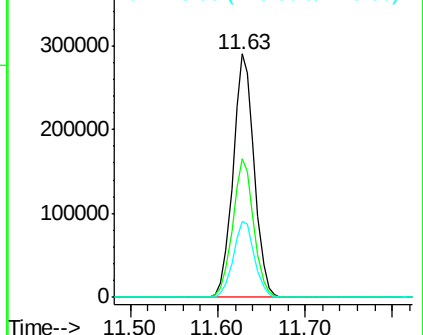
119 31.3 26.2 39.4



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. 0.01 min

Lab File: VW013072.D

Acq: 17 Sep 2019 06:14

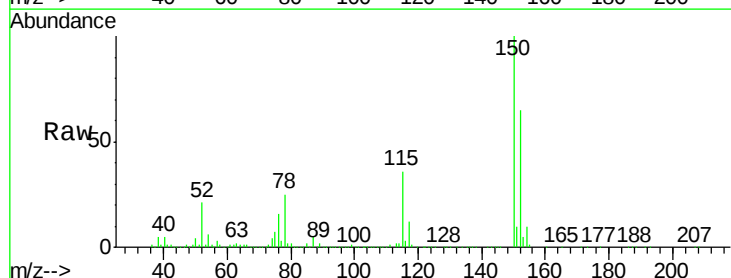
Tgt Ion:152 Resp: 199611

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.4

150 156.8 0.0 340.2



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

