

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092519\
 Data File : VW013293.D
 Acq On : 25 Sep 2019 12:08
 Operator : SY/VA
 Sample : K5020-07
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200050

Quant Time: Sep 25 17:38:30 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

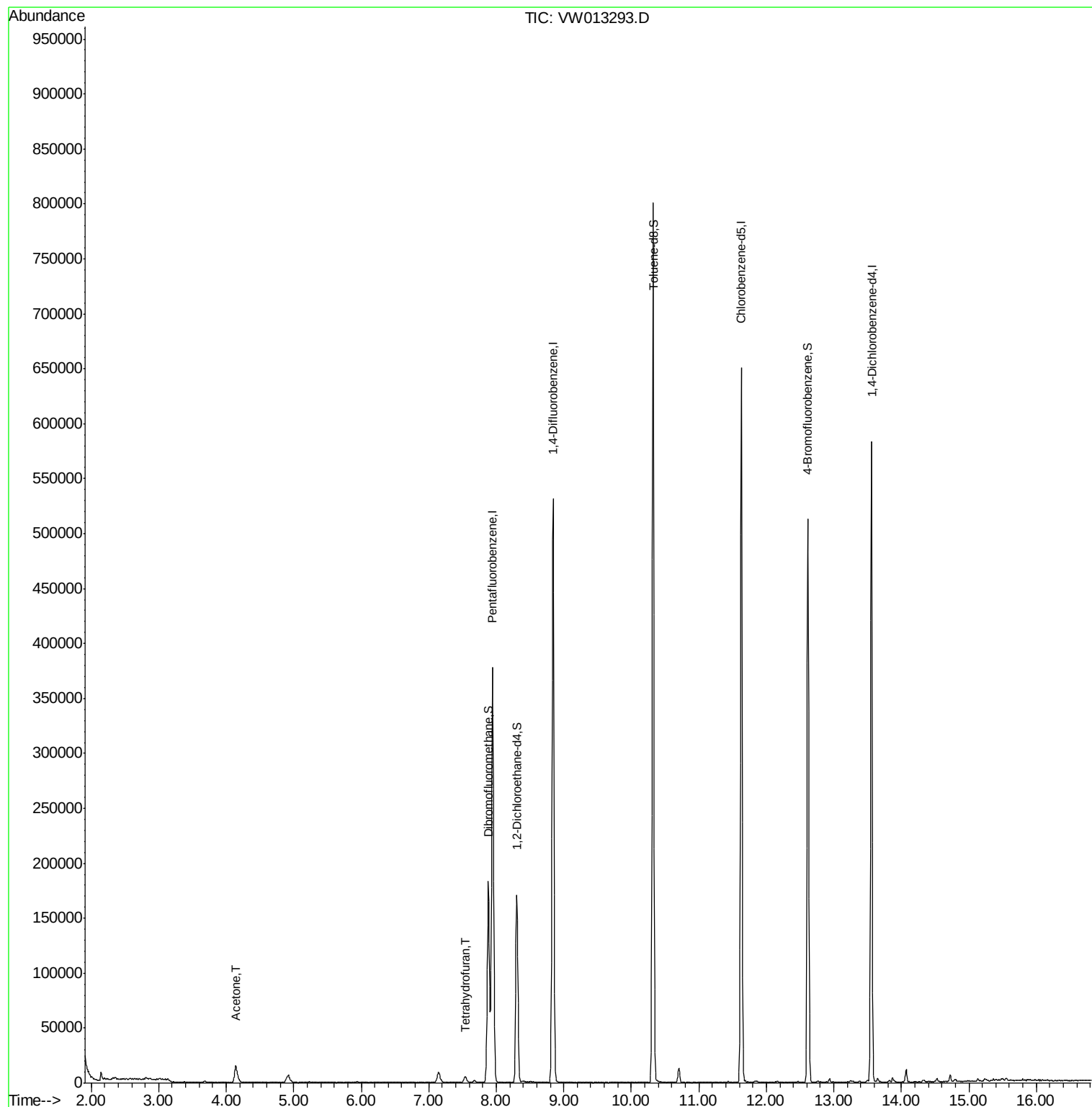
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	314715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	469864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134409	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	7.88	113	132522	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	10.32	98	534523	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.62	95	169659	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
Target Compounds						
16) Acetone	4.14	43	31298	54.033	ug/l	90
29) Tetrahydrofuran	7.54	42	4763	8.932	ug/l	99

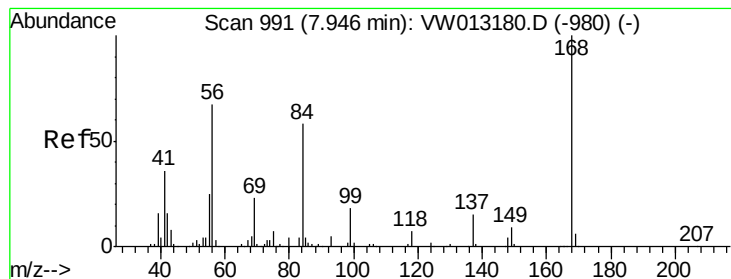
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013293.D

Acq: 25 Sep 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

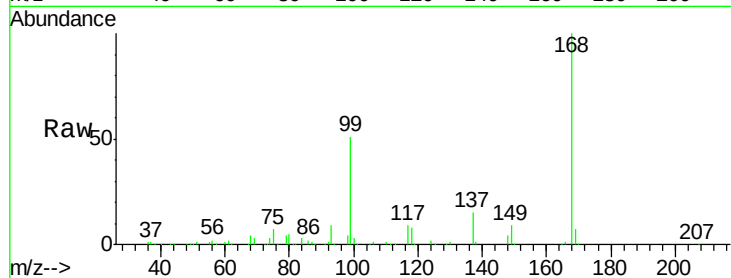
RBR-200050

Tot Ion:168 Resp: 314715

Ion Ratio Lower Upper

168 100

99 51.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

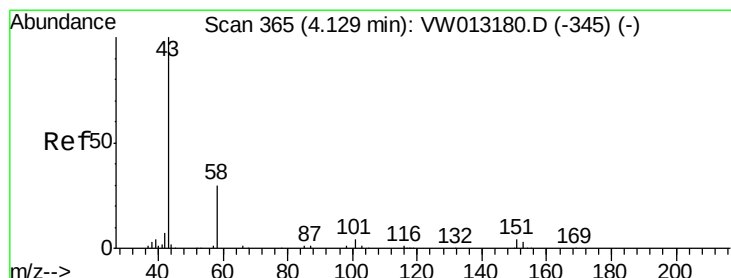
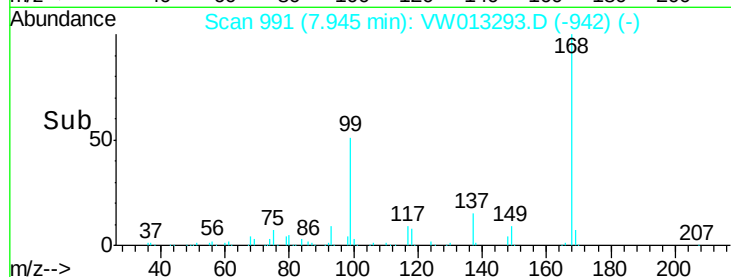
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 54.033 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013293.D

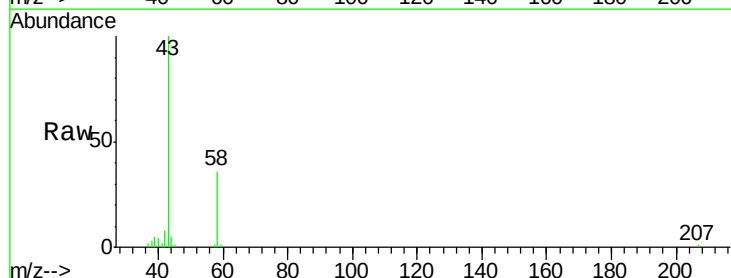
Acq: 25 Sep 2019 12:08

Tgt Ion: 43 Resp: 31298

Ion Ratio Lower Upper

43 100

58 35.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

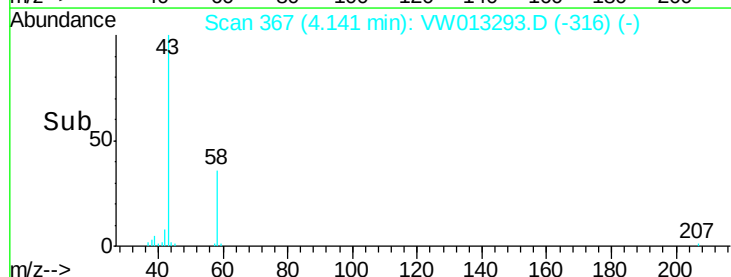
6000

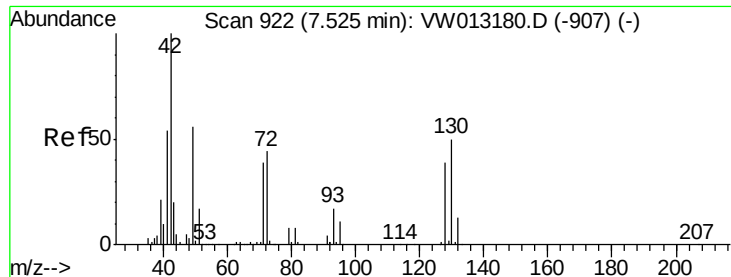
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

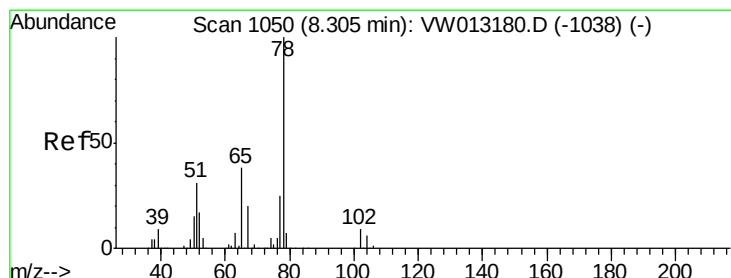
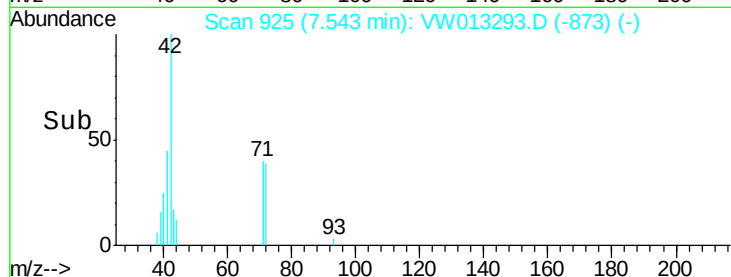
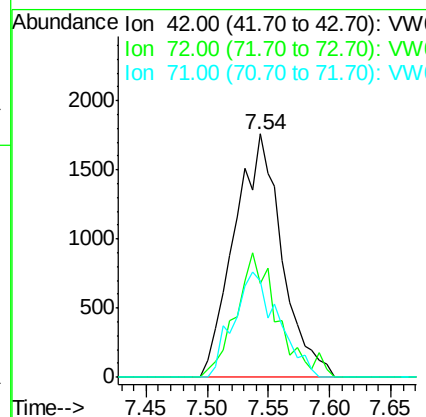
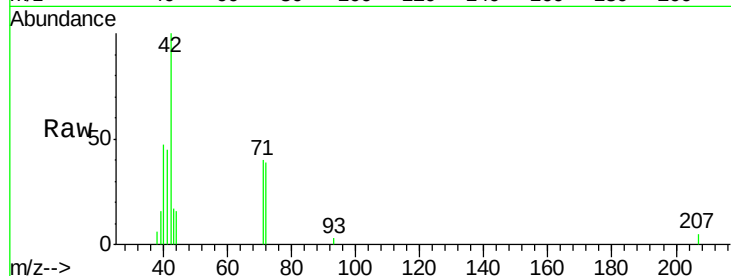




#29
Tetrahydrofuran
Concen: 8.932 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW013293.D
Acq: 25 Sep 2019 12:08

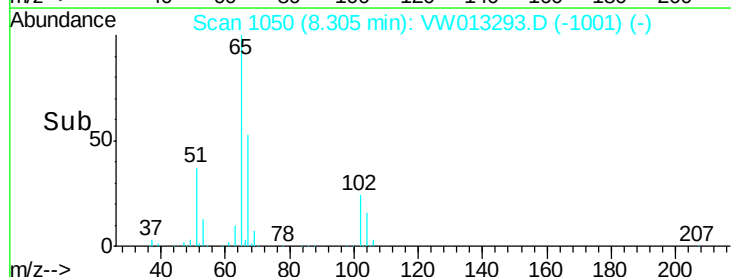
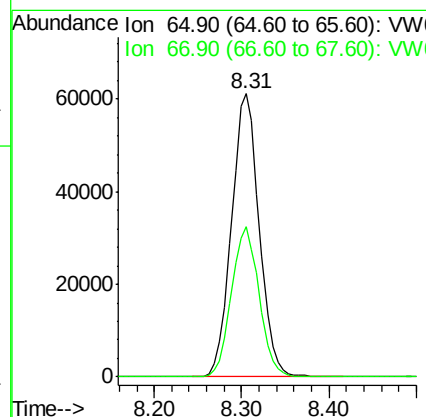
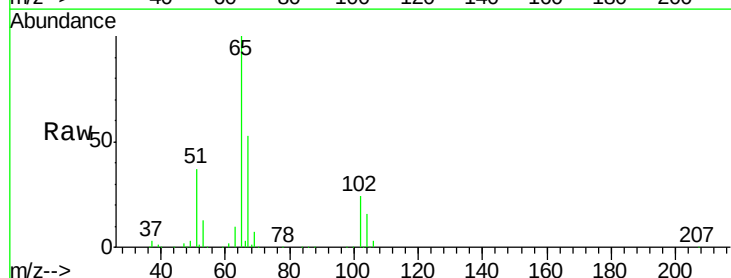
Instrument :
MSVOA_W
ClientSampleId :
RBR-200050

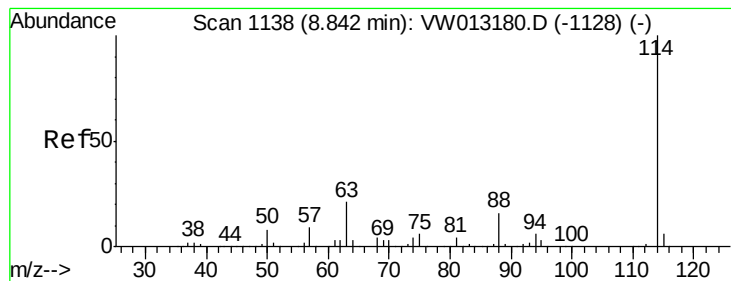
Tot Ion: 42 Resp: 4763
Ion Ratio Lower Upper
42 100
72 43.4 33.9 50.9
71 40.5 31.9 47.9



#33
1,2-Dichloroethane-d4
Concen: 52.329 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013293.D
Acq: 25 Sep 2019 12:08

Tgt Ion: 65 Resp: 134409
Ion Ratio Lower Upper
65 100
67 53.1 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: VW013293.D

Acq: 25 Sep 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

RBR-200050

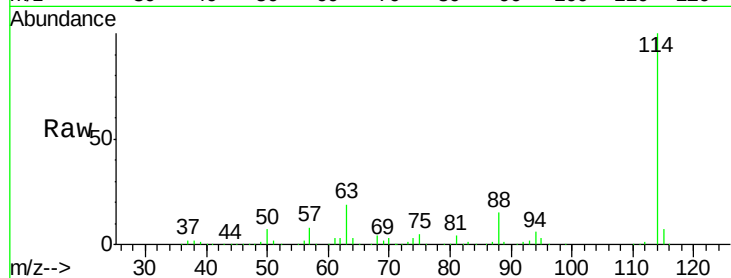
Tot Ion:114 Resp: 469864

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

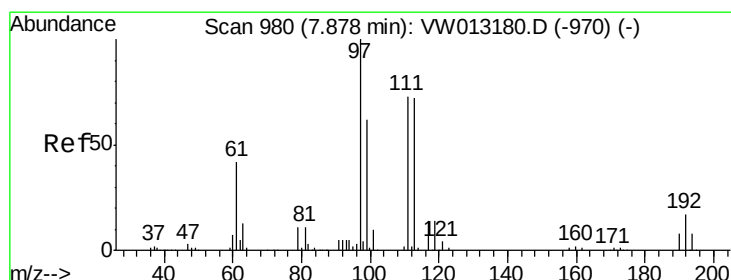
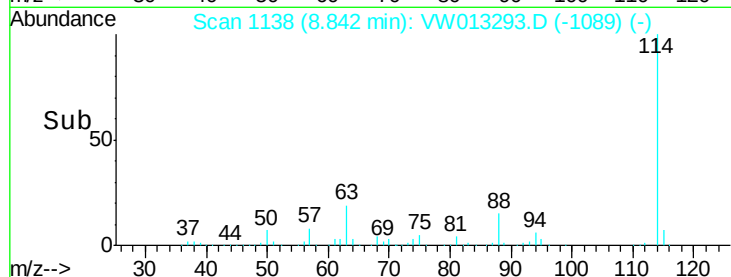
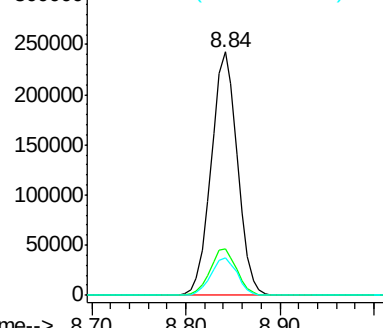
88 15.2 0.0 32.0



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: 51.281 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013293.D

Acq: 25 Sep 2019 12:08

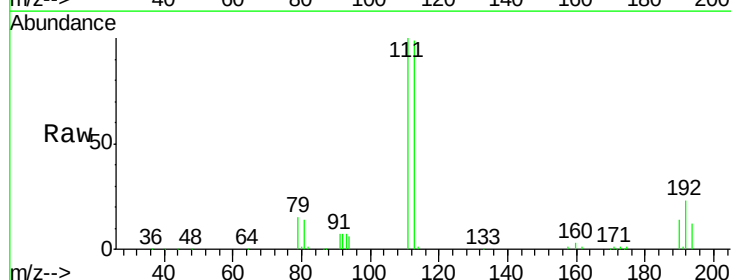
Tgt Ion:113 Resp: 132522

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

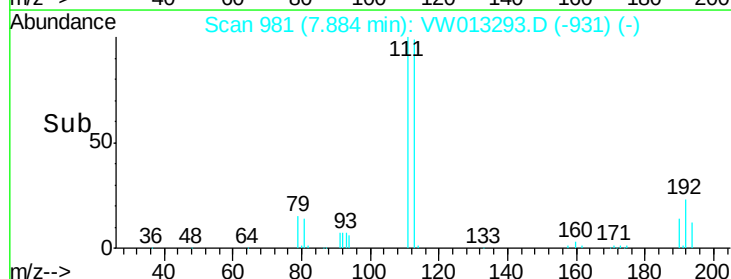
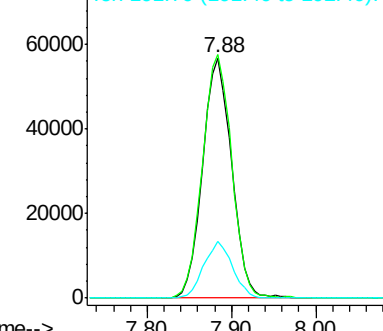
192 23.2 19.1 28.7

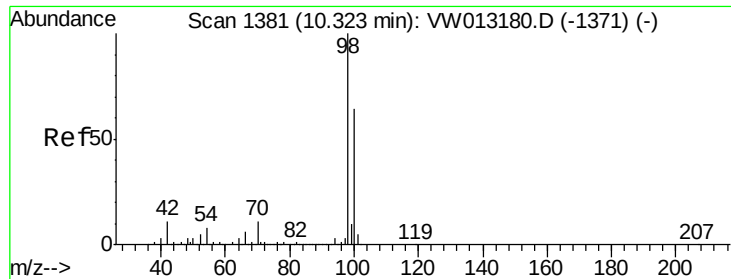


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.422 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013293.D

Acq: 25 Sep 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

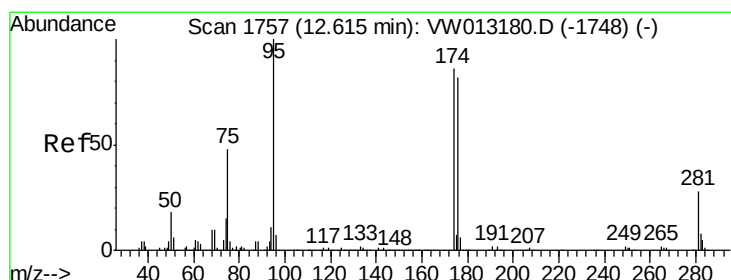
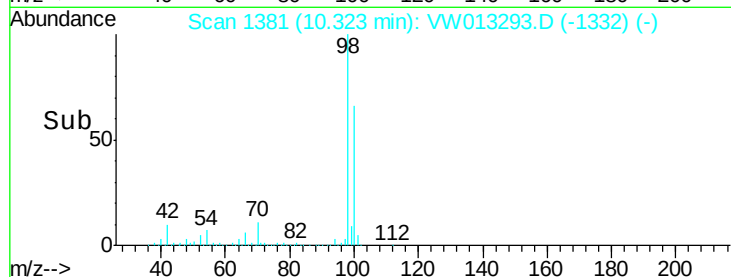
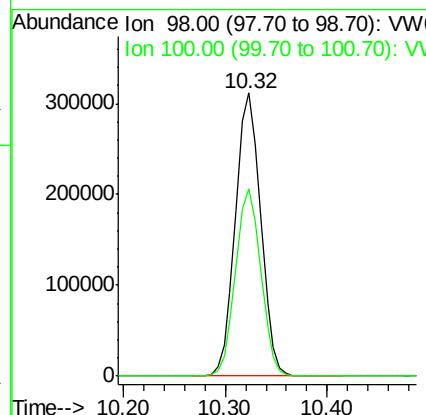
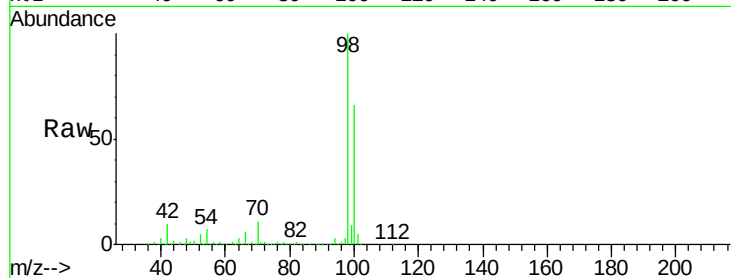
RBR-200050

Tot Ion: 98 Resp: 534523

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.923 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013293.D

Acq: 25 Sep 2019 12:08

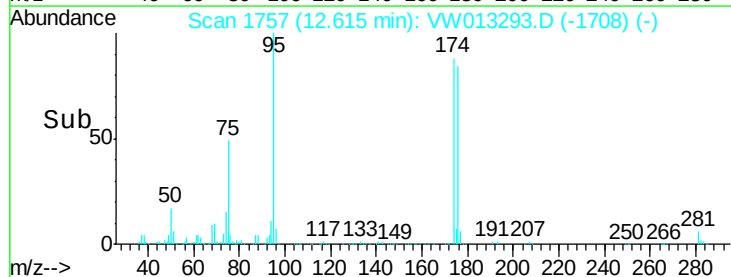
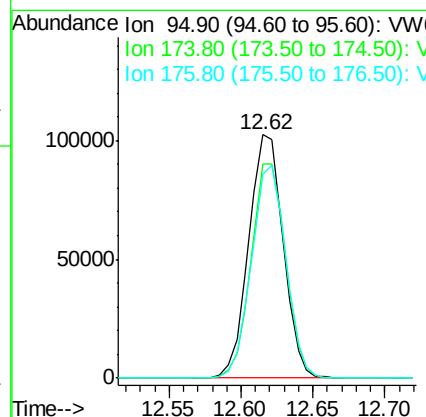
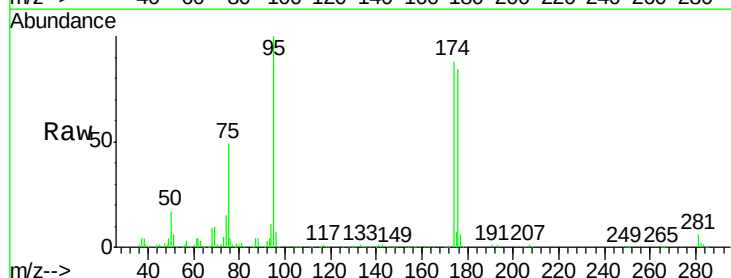
Tgt Ion: 95 Resp: 169659

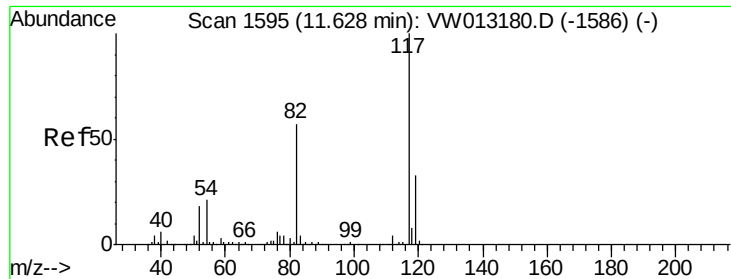
Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.4

176 86.8 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013293.D

Acq: 25 Sep 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

RBR-200050

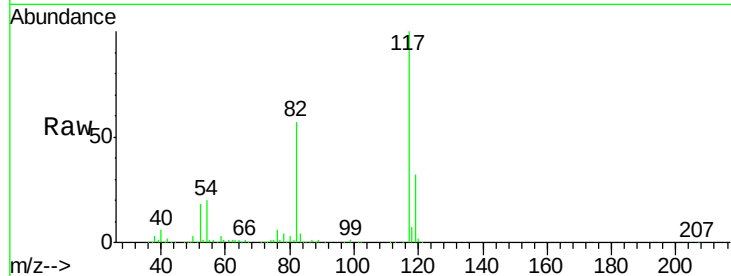
Tot Ion:117 Resp: 387737

Ion Ratio Lower Upper

117 100

82 56.9 45.9 68.9

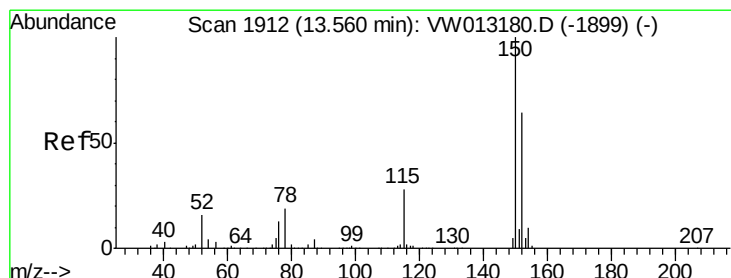
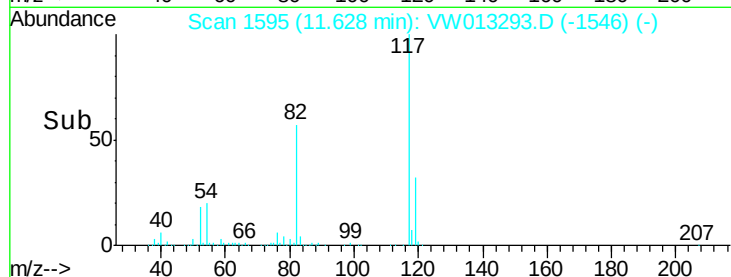
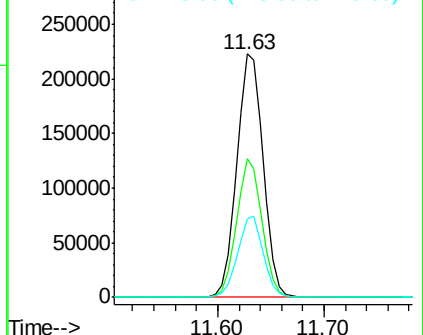
119 32.2 26.2 39.2



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. -0.00 min

Lab File: VW013293.D

Acq: 25 Sep 2019 12:08

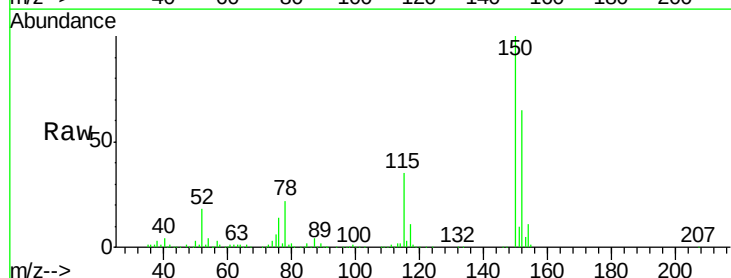
Tgt Ion:152 Resp: 169772

Ion Ratio Lower Upper

152 100

115 55.3 27.3 81.9

150 155.6 0.0 349.0



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

