

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005160.D
 Acq On : 06 Sep 2018 13:43
 Operator : SY/AP
 Sample : J4761-04RE
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200031RE

Quant Time: Sep 06 14:24:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	432585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	709257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	663979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	282046	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	257576	71.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.66%	
35) Dibromofluoromethane	7.89	113	234675	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
50) Toluene-d8	10.33	98	986457	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.63	95	313675	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

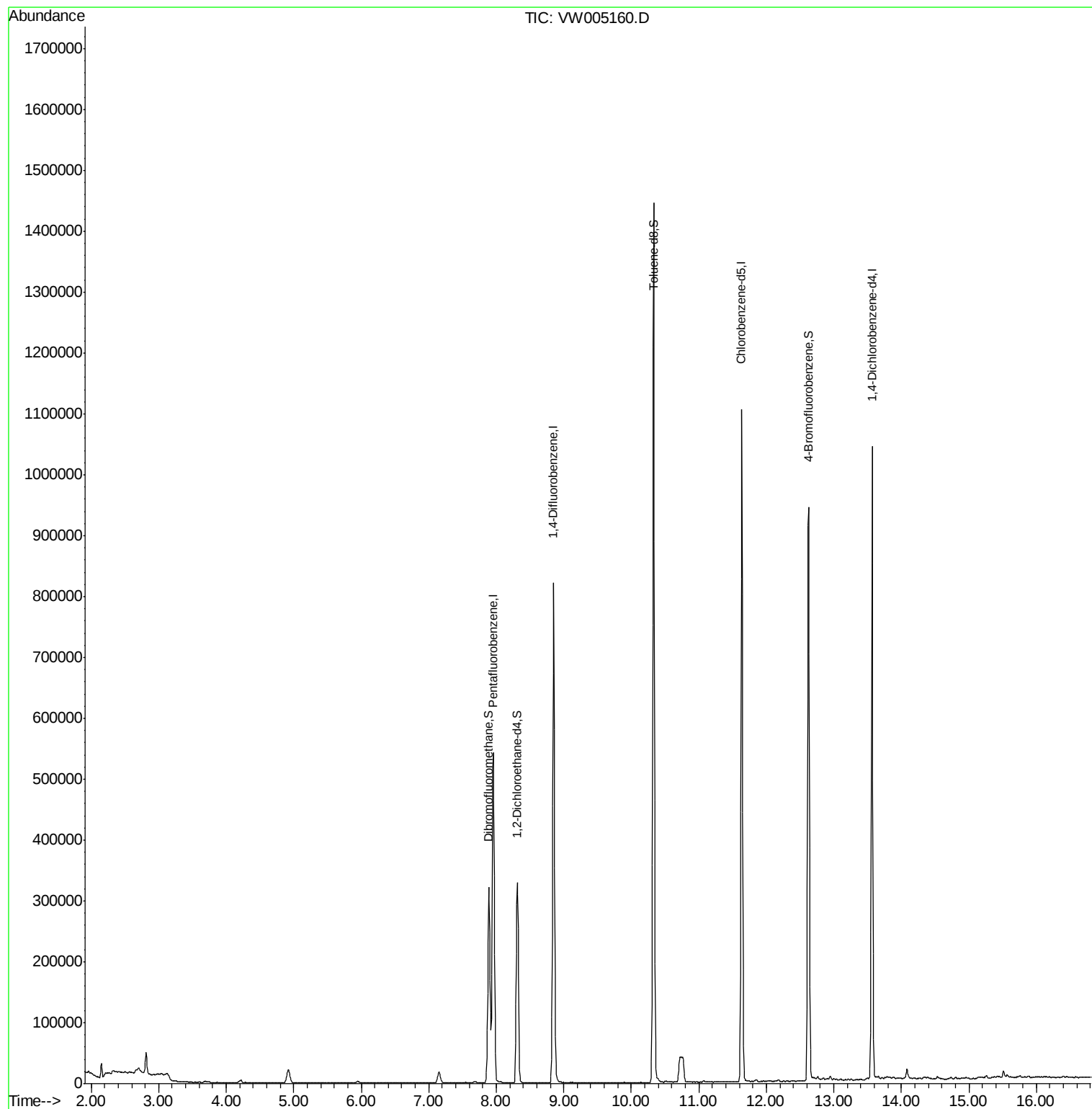
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

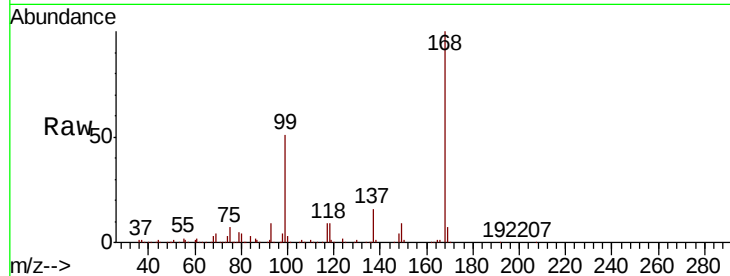
RBR-200031RE

Tot Ion:168 Resp: 432585

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

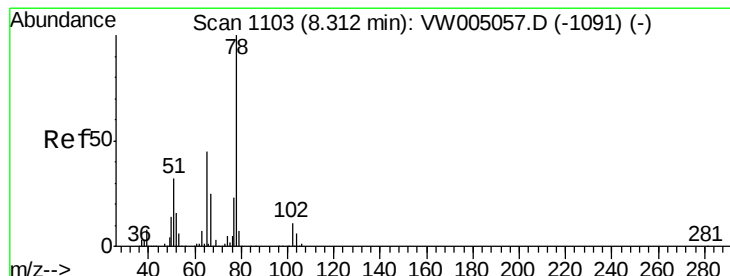
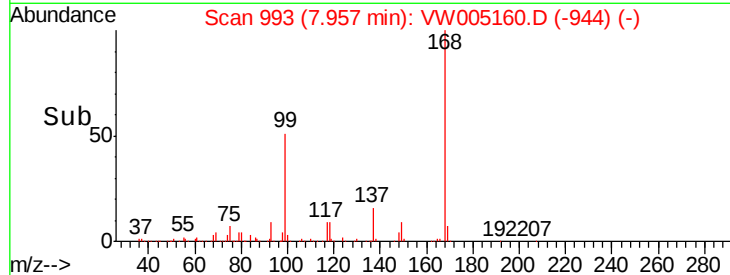
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 71.83 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005160.D

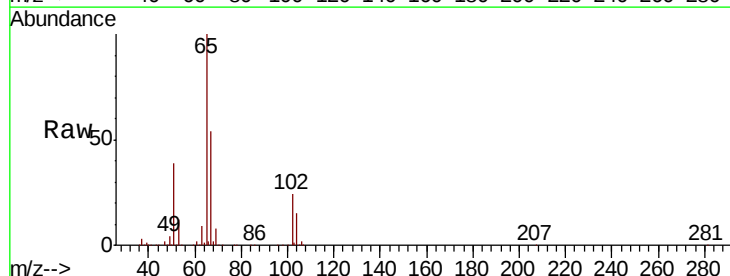
Acq: 06 Sep 2018 13:43

Tgt Ion: 65 Resp: 257576

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

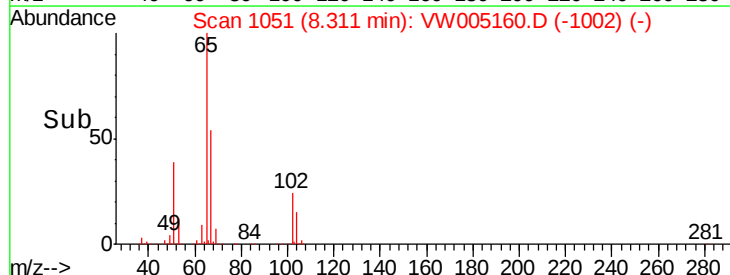
100000

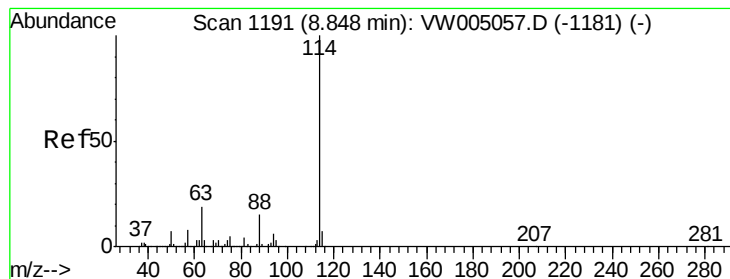
50000

0

8.20 8.30 8.40 8.50

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005160.D

Acq: 06 Sep 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

RBR-200031RE

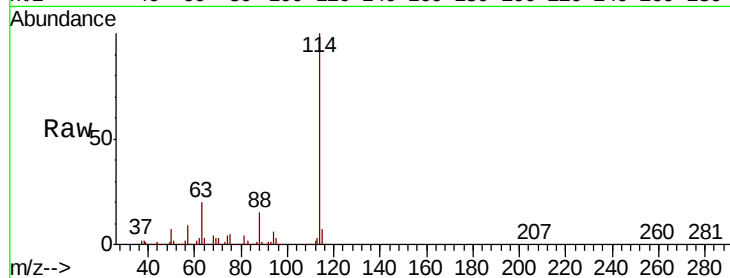
Tot Ion:114 Resp: 709257

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

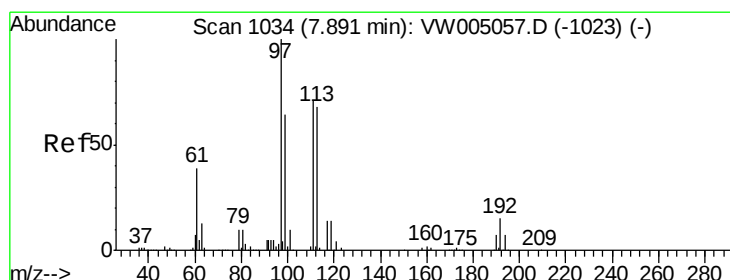
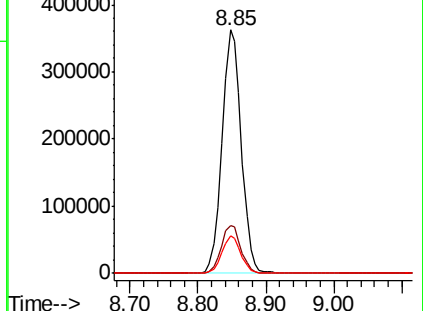
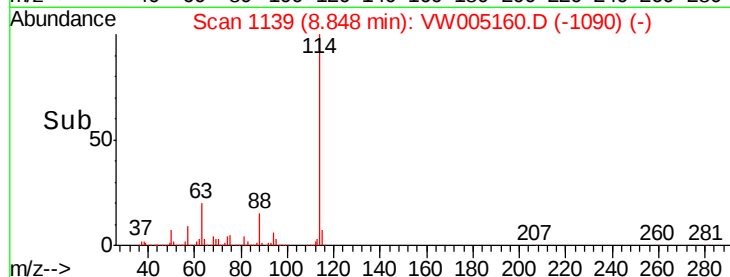
88 15.5 0.0 30.2



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: 57.26 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005160.D

Acq: 06 Sep 2018 13:43

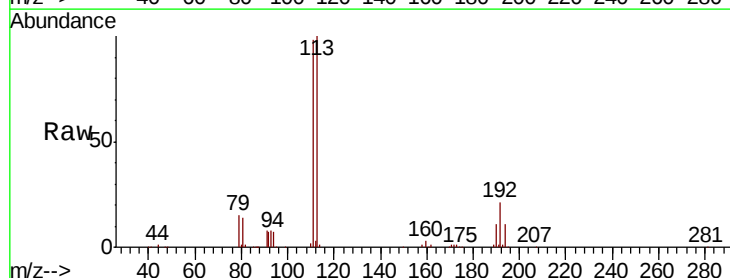
Tgt Ion:113 Resp: 234675

Ion Ratio Lower Upper

113 100

111 100.0 82.2 123.2

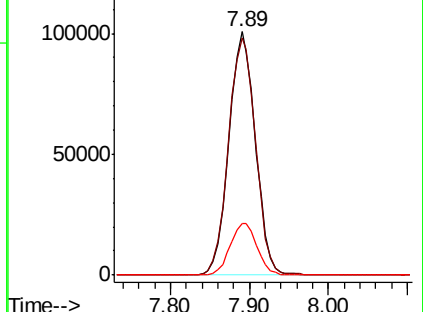
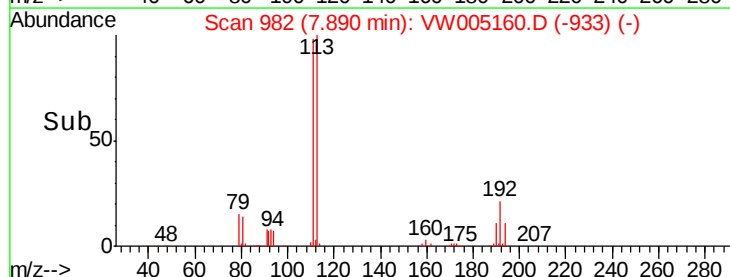
192 21.6 18.1 27.1

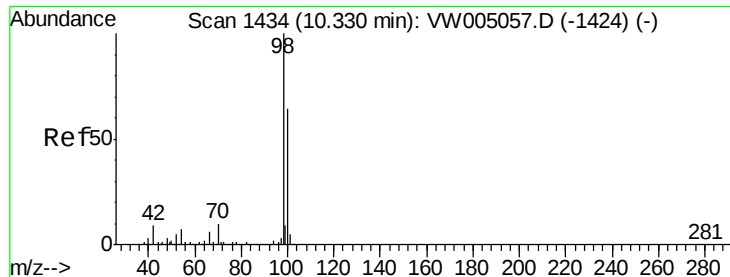


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.23 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005160.D

Acq: 06 Sep 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

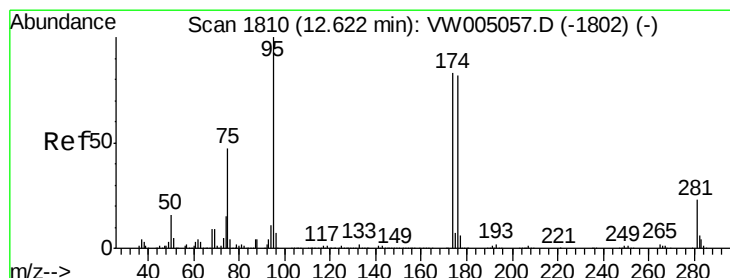
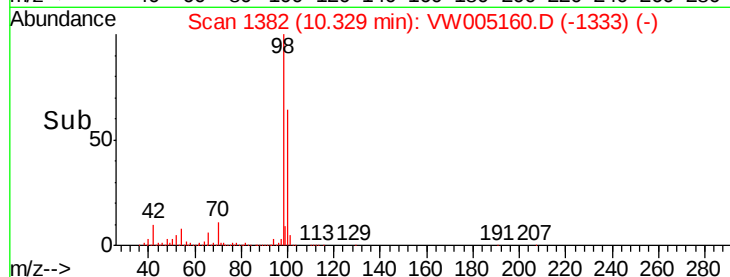
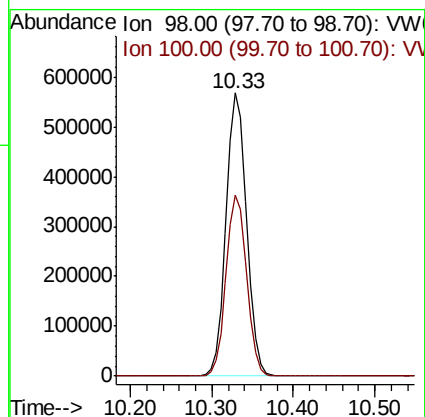
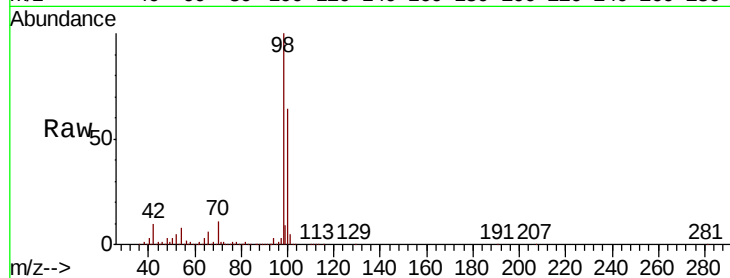
RBR-200031RE

Tot Ion: 98 Resp: 986457

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.10 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005160.D

Acq: 06 Sep 2018 13:43

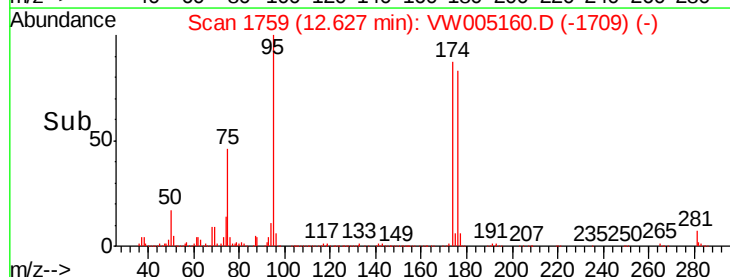
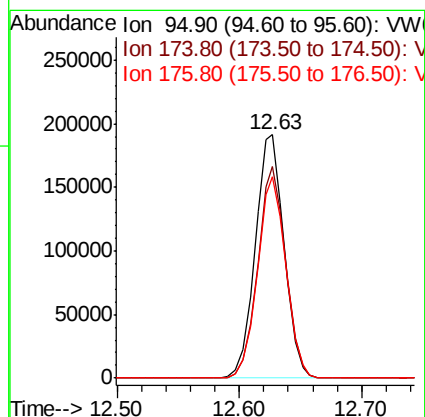
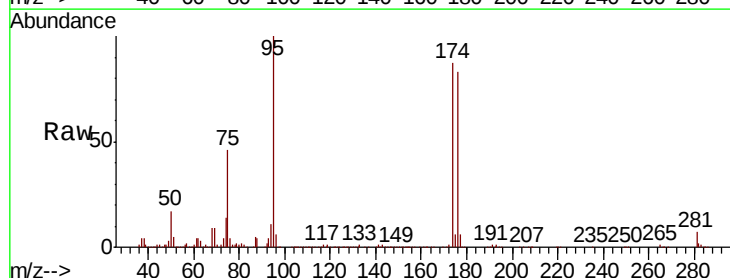
Tgt Ion: 95 Resp: 313675

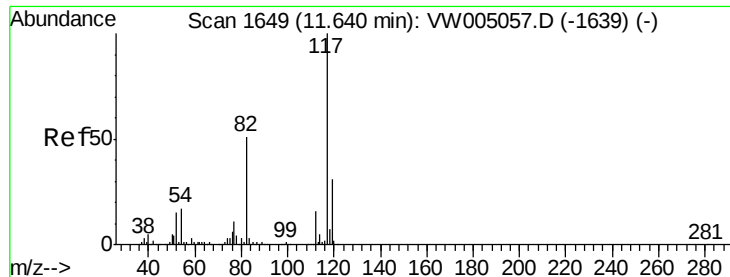
Ion Ratio Lower Upper

95 100

174 84.5 0.0 173.4

176 81.4 0.0 167.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005160.D

Acq: 06 Sep 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

RBR-200031RE

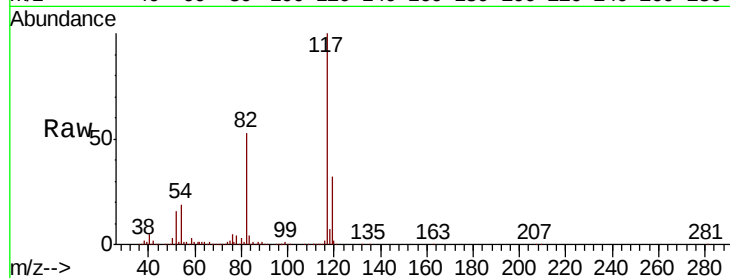
Tot Ion:117 Resp: 663979

Ion Ratio Lower Upper

117 100

82 53.0 40.9 61.3

119 32.3 24.9 37.3

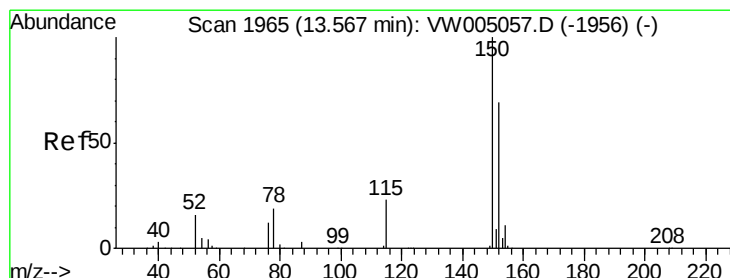
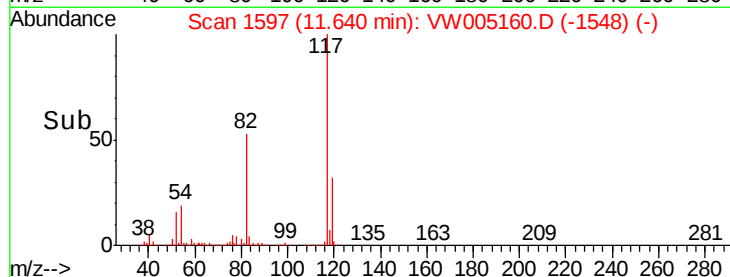
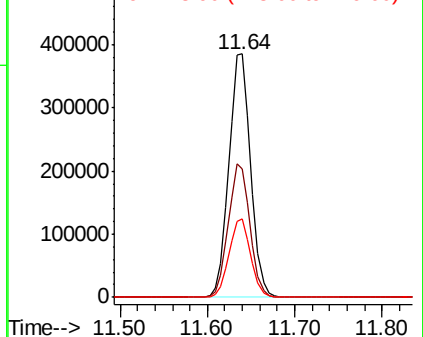


Abundance

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: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005160.D

Acq: 06 Sep 2018 13:43

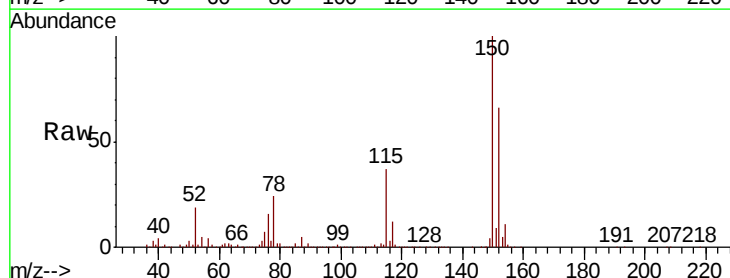
Tgt Ion:152 Resp: 282046

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

150 156.0 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

