

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007119.D
 Acq On : 28 Nov 2018 17:40
 Operator : VAY/AP
 Sample : J6079-04RE
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 J-4RE

Quant Time: Nov 29 05:01:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	102357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	157224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95633	95.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.86%	
35) Dibromofluoromethane	7.89	113	82082	92.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.90%	
50) Toluene-d8	10.32	98	332834	84.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	169.78%	
62) 4-Bromofluorobenzene	12.62	95	121419	78.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	157.40%	

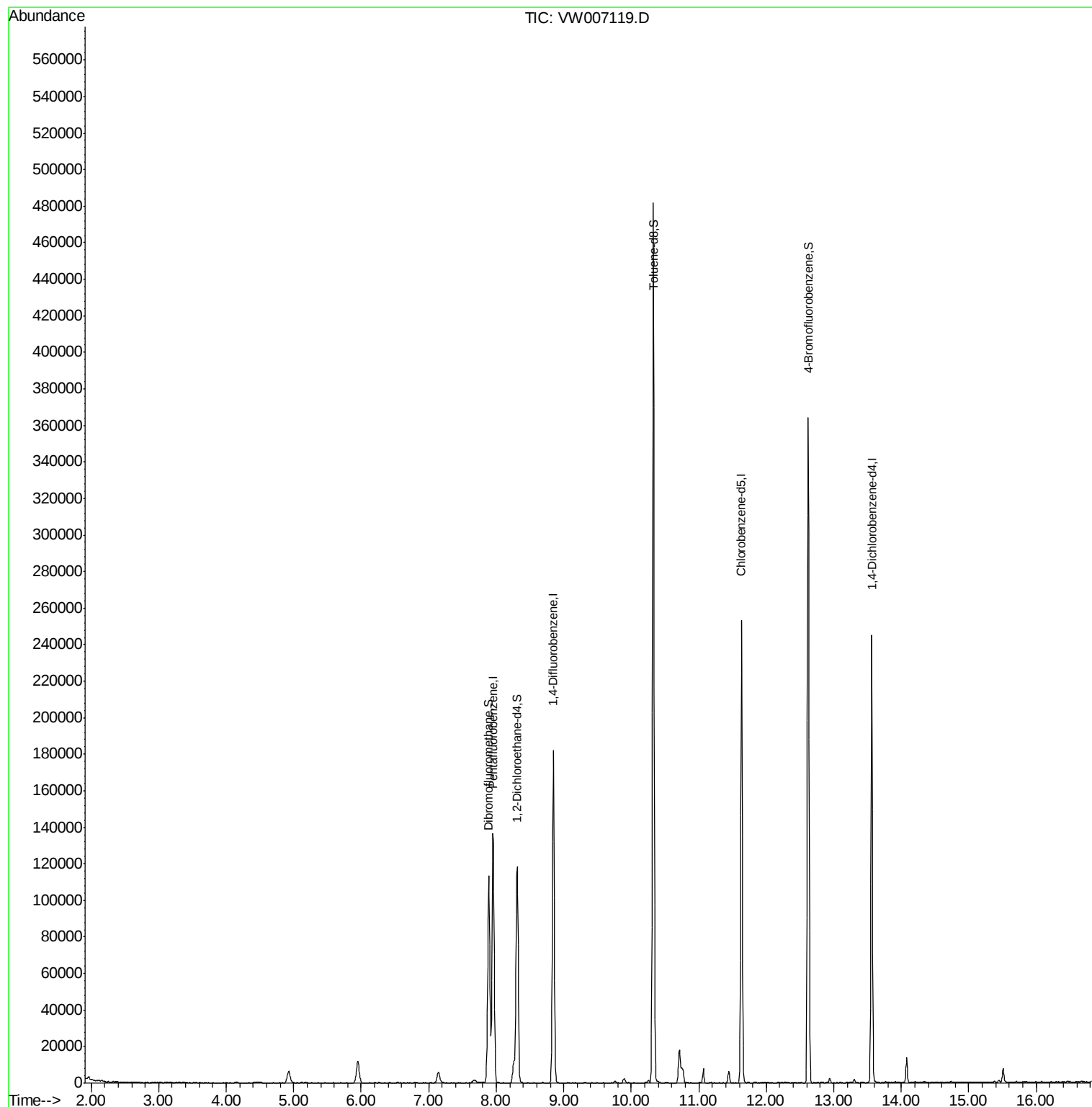
Target Compounds	Qvalue

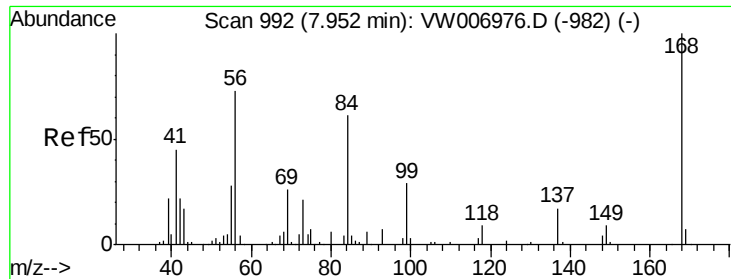
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007119.D

Acq: 28 Nov 2018 17:40

Instrument :

MSVOA_W

ClientSampled :

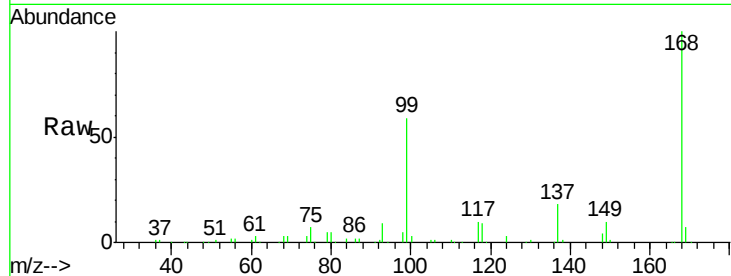
J-4RE

Tot Ion:168 Resp: 102357

Ion Ratio Lower Upper

168 100

99 59.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

50000

40000

30000

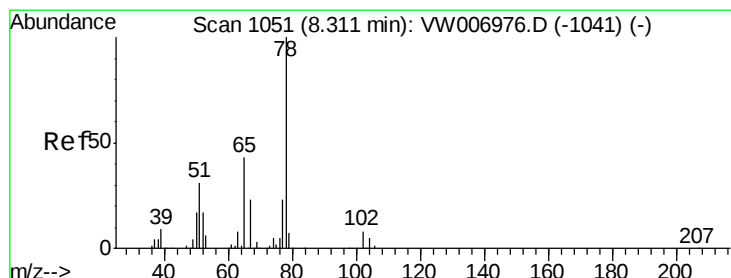
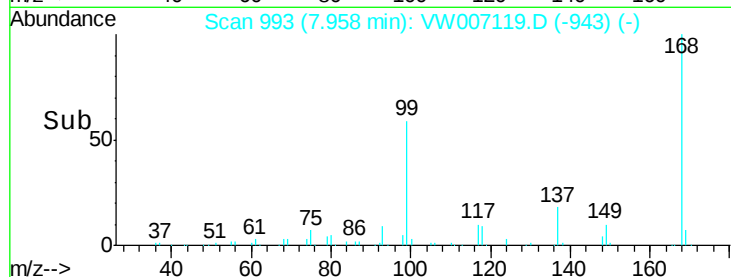
20000

10000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 95.433 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW007119.D

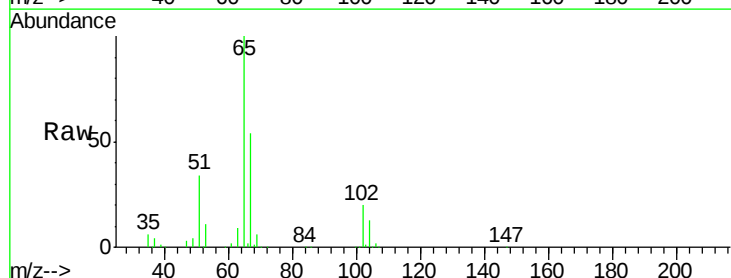
Acq: 28 Nov 2018 17:40

Tgt Ion: 65 Resp: 95633

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

30000

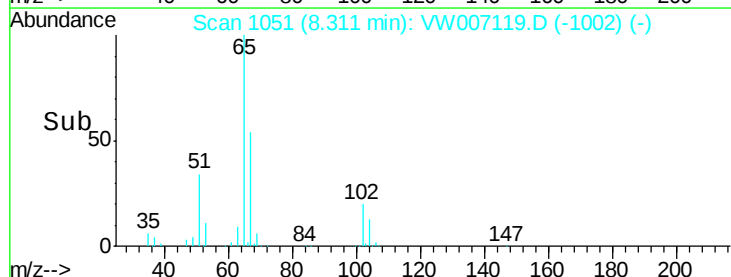
20000

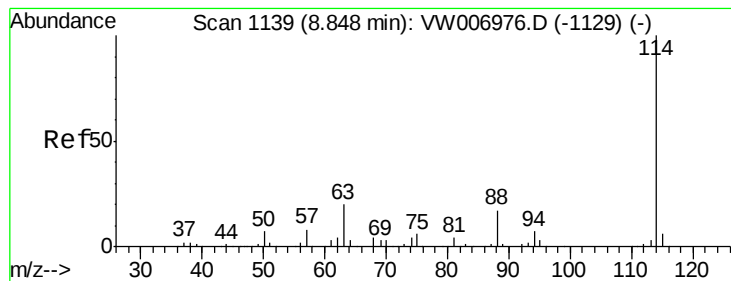
10000

0

Time-->

8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW007119.D

Acq: 28 Nov 2018 17:40

Instrument :

MSVOA_W

ClientSampled :

J-4RE

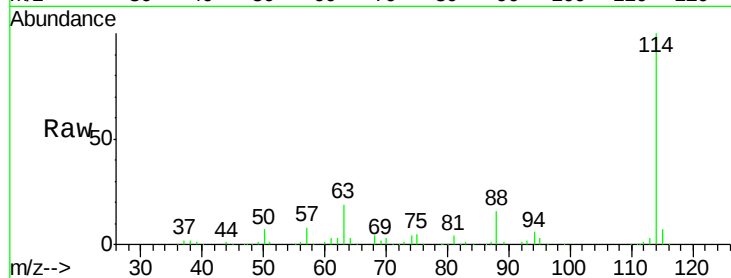
Tot Ion:114 Resp: 157224

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.4

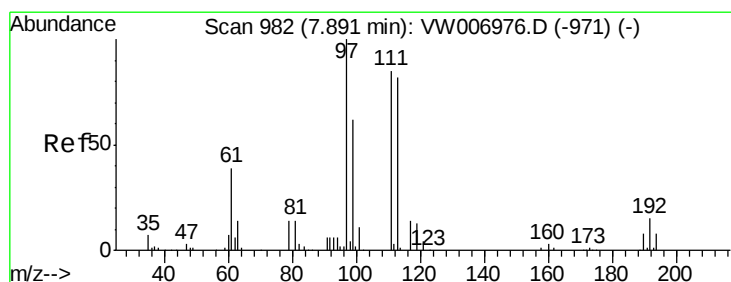
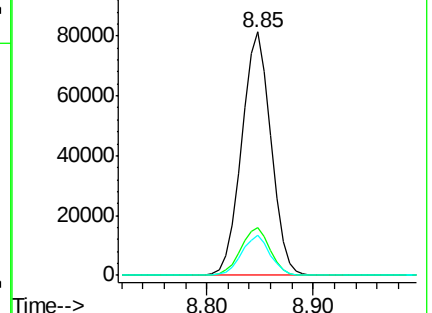
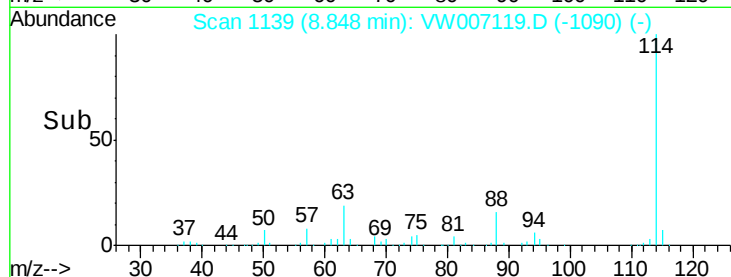
88 16.3 0.0 34.2



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: 92.447 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW007119.D

Acq: 28 Nov 2018 17:40

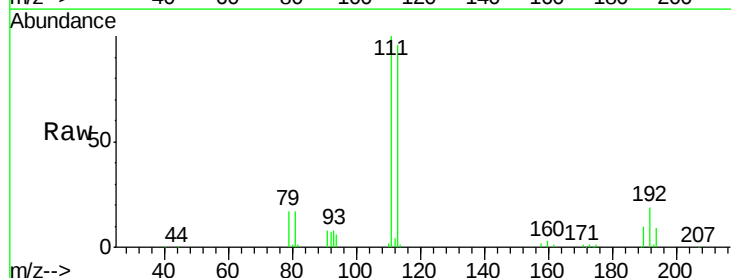
Tgt Ion:113 Resp: 82082

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.6

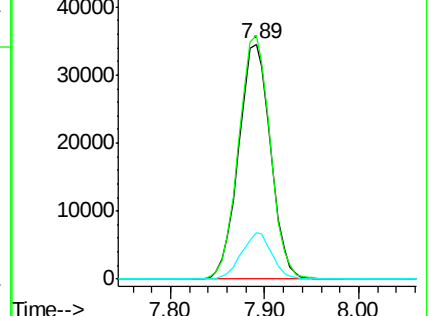
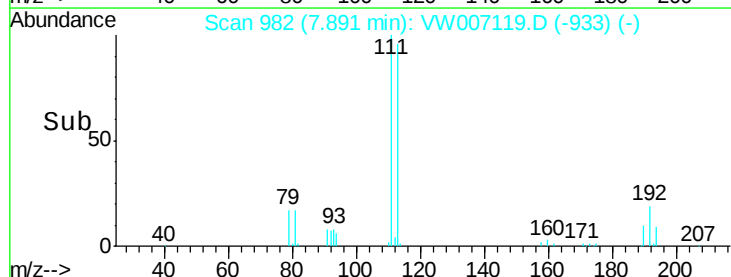
192 18.6 15.0 22.6

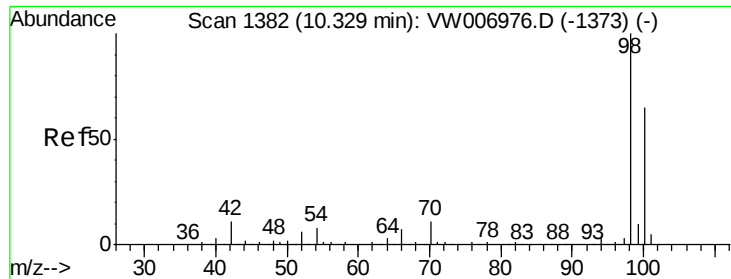


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 84.890 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007119.D

Acq: 28 Nov 2018 17:40

Instrument :

MSVOA_W

ClientSampleId :

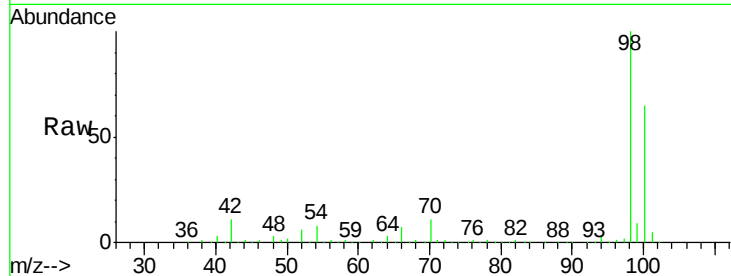
J-4RE

Tot Ion: 98 Resp: 332834

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

200000

150000

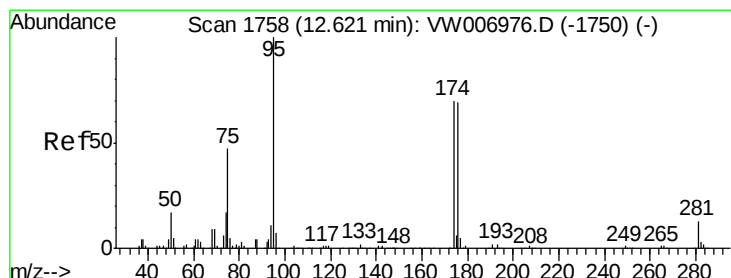
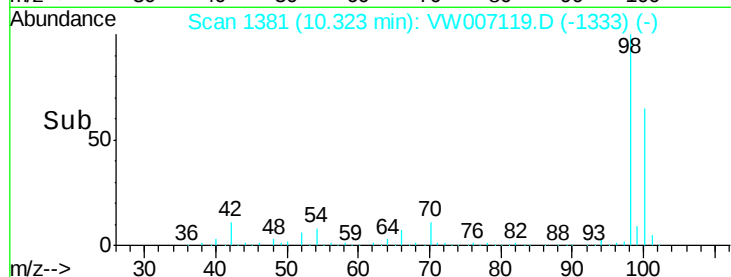
100000

50000

0

Time-->

10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 78.696 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007119.D

Acq: 28 Nov 2018 17:40

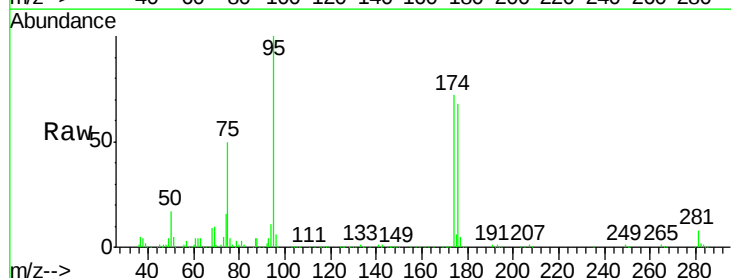
Tgt Ion: 95 Resp: 121419

Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.6

176 71.7 0.0 140.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

100000

80000

60000

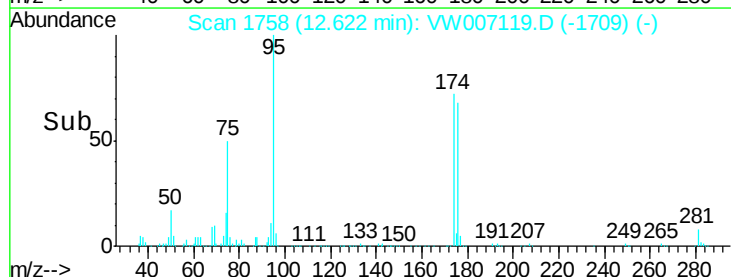
40000

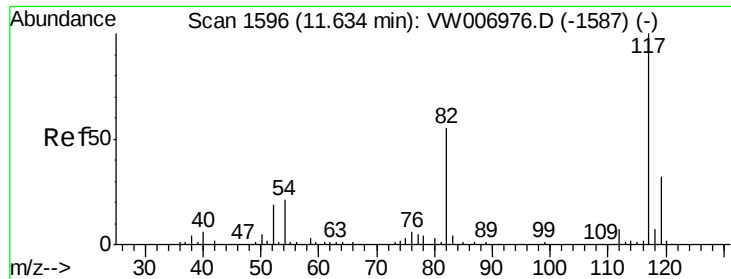
20000

0

Time-->

12.55 12.60 12.65 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007119.D

Acq: 28 Nov 2018 17:40

Instrument :

MSVOA_W

ClientSampleId :

J-4RE

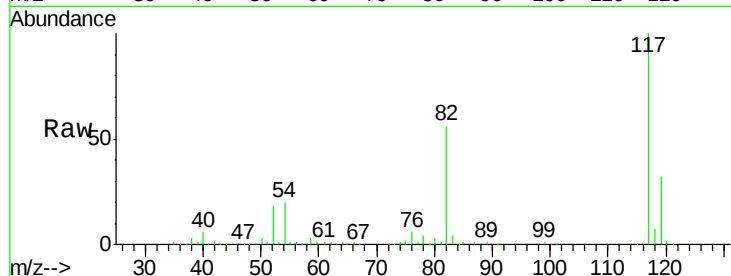
Tot Ion:117 Resp: 143138

Ion Ratio Lower Upper

117 100

82 55.6 44.2 66.2

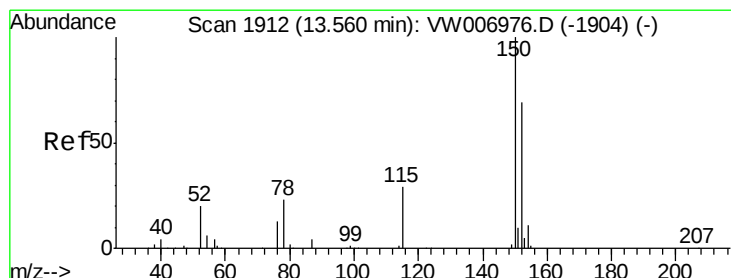
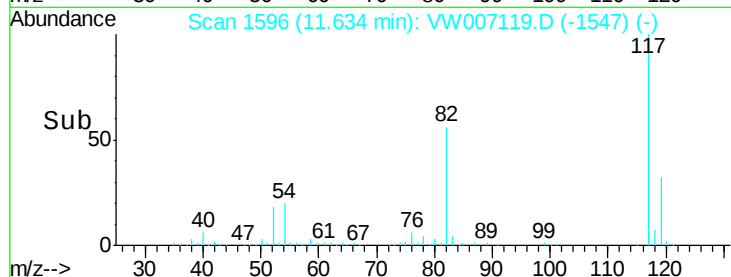
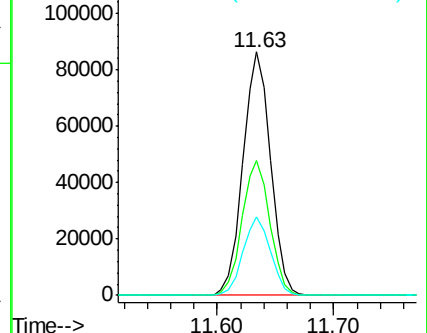
119 32.3 25.9 38.9



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: VW007119.D

Acq: 28 Nov 2018 17:40

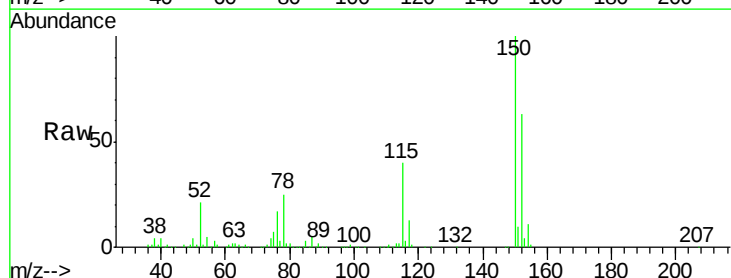
Tgt Ion:152 Resp: 65325

Ion Ratio Lower Upper

152 100

115 61.3 31.4 94.2

150 157.4 0.0 353.4



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

