

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013988.D
 Acq On : 12 Nov 2019 20:50
 Operator : SY/VA
 Sample : K5789-02
 Misc : 5.82G/5.0ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-17-S2

Quant Time: Nov 13 08:21:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147966	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115062	57.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.18%	
35) Dibromofluoromethane	7.88	113	119118	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	10.32	98	472794	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.62	95	147416	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	

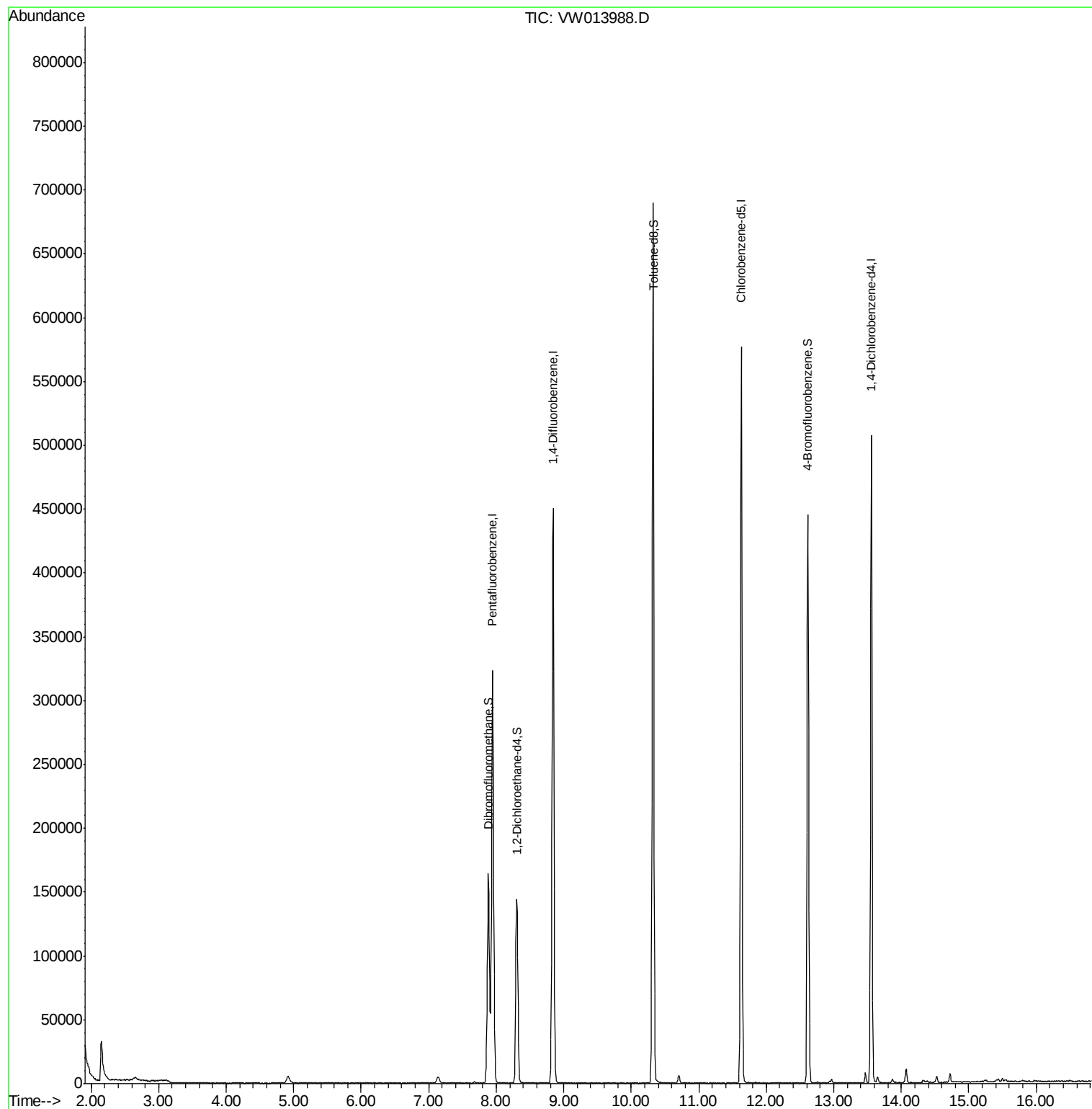
Target Compounds	Qvalue

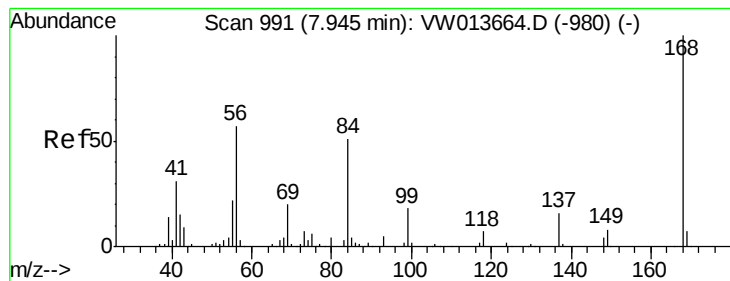
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 2019
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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: VW013988.D

Acq: 12 Nov 2019 20:50

Instrument :

MSVOA_W

ClientSampleId :

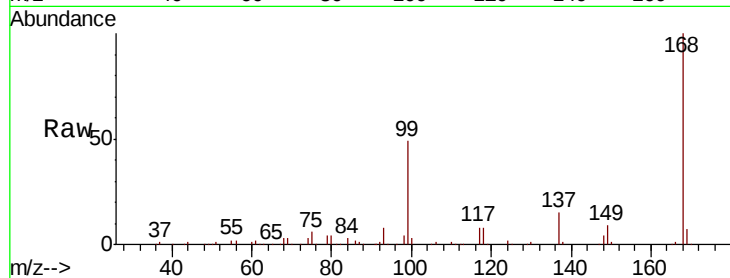
TP-17-S2

Tot Ion:168 Resp: 266349

Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

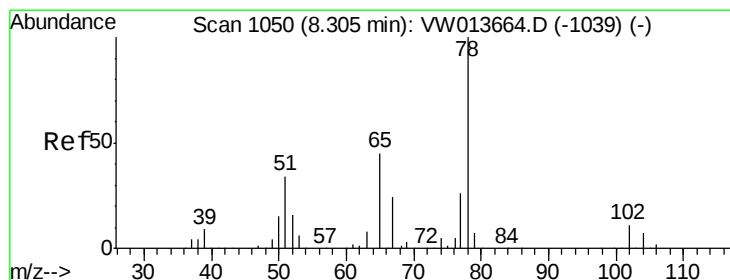
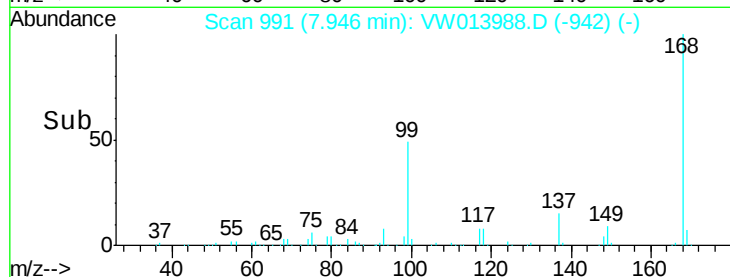
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.587 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013988.D

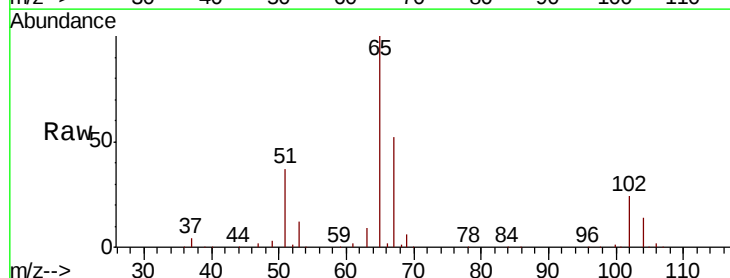
Acq: 12 Nov 2019 20:50

Tgt Ion: 65 Resp: 115062

Ion Ratio Lower Upper

65 100

67 52.8 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

60000

50000

40000

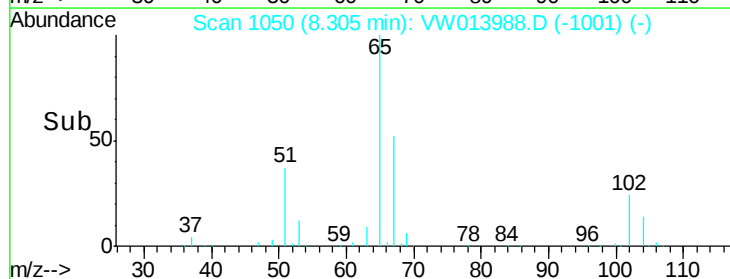
30000

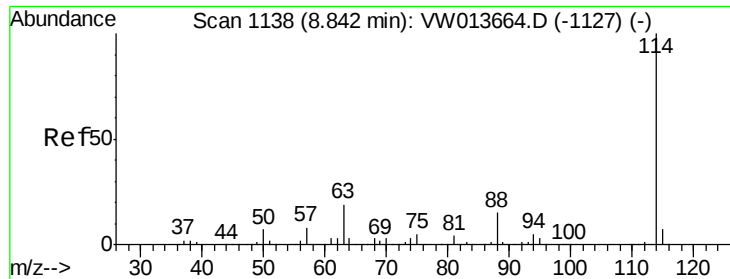
20000

10000

0

Time--> 8.20 8.30 8.40

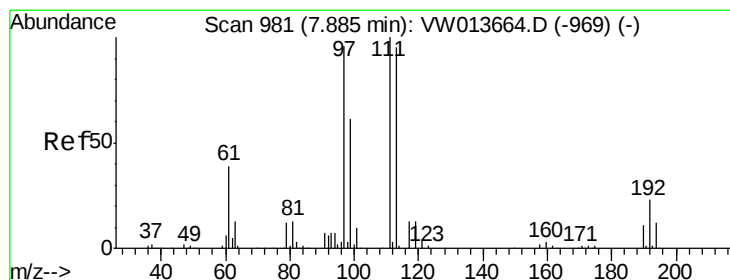
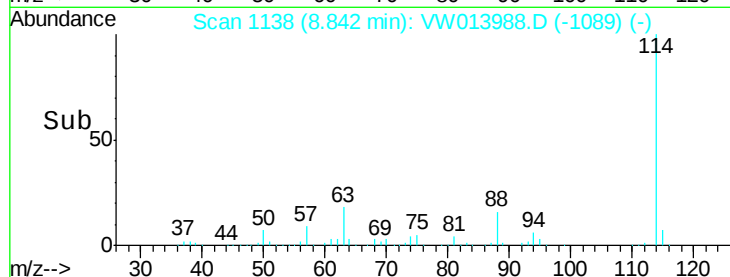
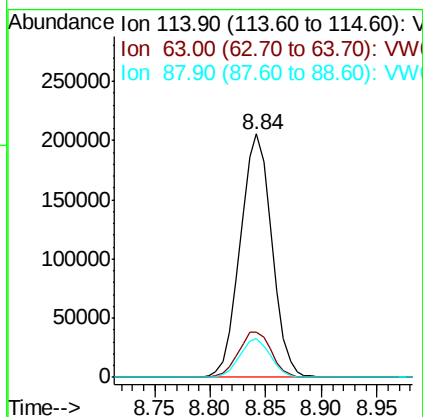
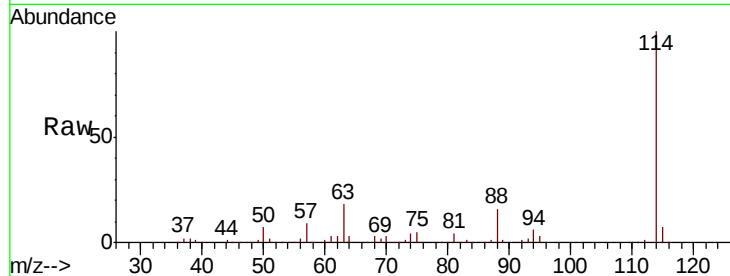




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013988.D
 Acq: 12 Nov 2019 20:50

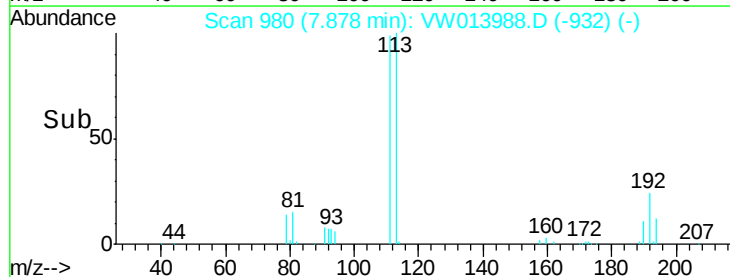
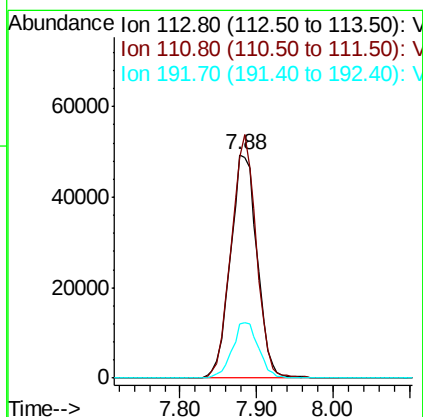
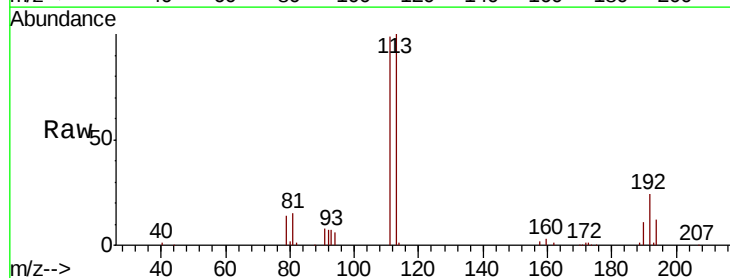
Instrument :
 MSVOA_W
 ClientSampled :
 TP-17-S2

Tot Ion:114 Resp: 405898
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.6
 88 15.7 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 52.815 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013988.D
 Acq: 12 Nov 2019 20:50

Tgt Ion:113 Resp: 119118
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.6
 192 24.3 19.4 29.2





#50

Toluene-d8

Concen: 51.446 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013988.D

Acq: 12 Nov 2019 20:50

Instrument :

MSVOA_W

ClientSampled :

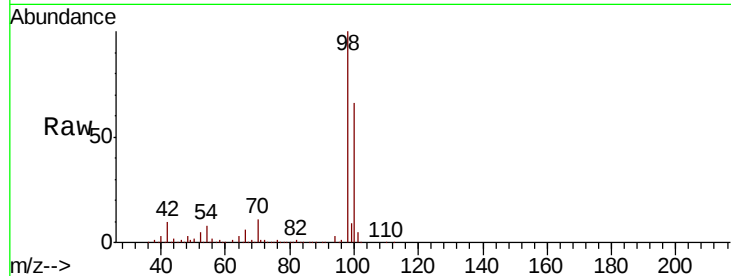
TP-17-S2

Tot Ion: 98 Resp: 472794

Ion Ratio Lower Upper

98 100

100 65.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

150000

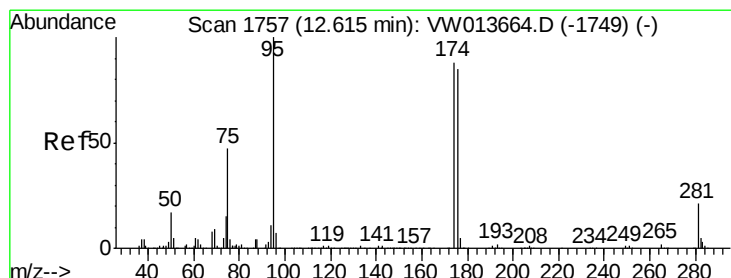
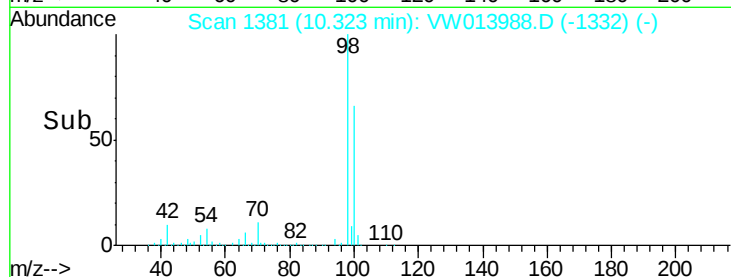
100000

50000

0

Time-->

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 47.373 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013988.D

Acq: 12 Nov 2019 20:50

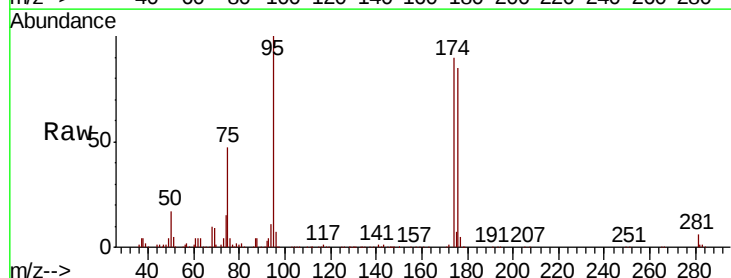
Tgt Ion: 95 Resp: 147416

Ion Ratio Lower Upper

95 100

174 90.9 0.0 183.6

176 87.0 0.0 178.0



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

120000

100000

80000

60000

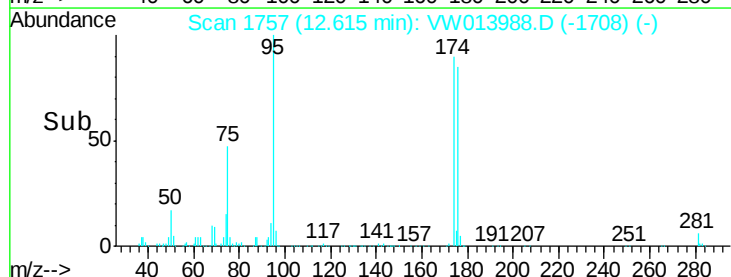
40000

20000

0

Time-->

12.50 12.60 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW013988.D

Acq: 12 Nov 2019 20:50

Instrument :

MSVOA_W

ClientSampled :

TP-17-S2

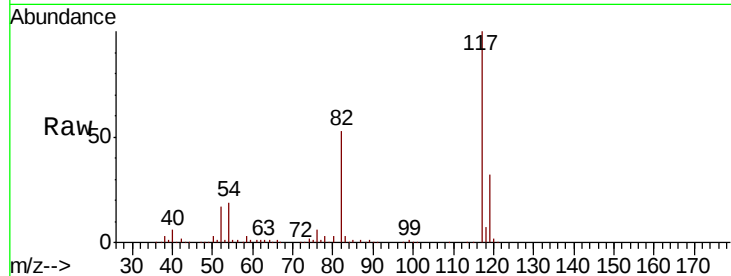
Tot Ion:117 Resp: 345910

Ion Ratio Lower Upper

117 100

82 52.8 43.6 65.4

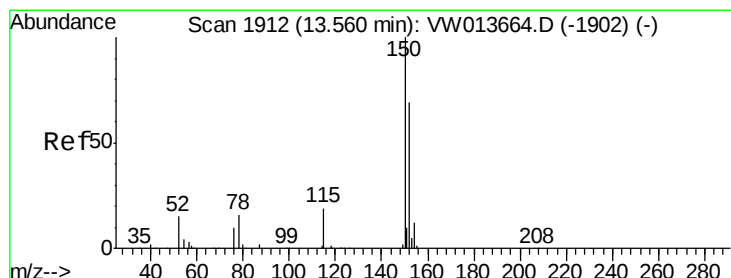
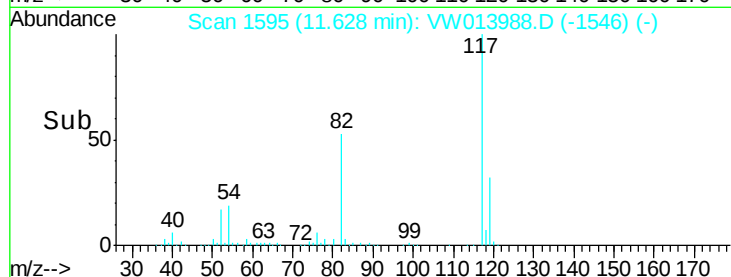
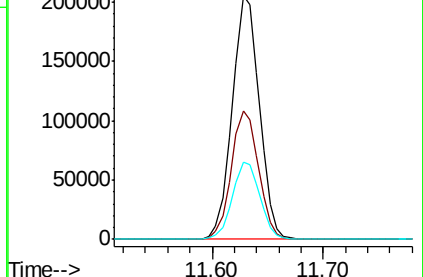
119 31.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW013988.D

Acq: 12 Nov 2019 20:50

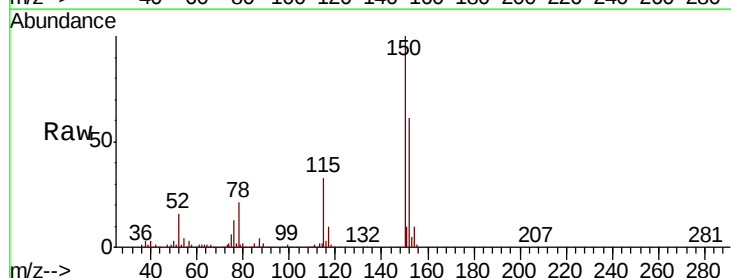
Tgt Ion:152 Resp: 147966

Ion Ratio Lower Upper

152 100

115 54.5 27.4 82.2

150 157.9 0.0 345.4



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

