

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015316.D
 Acq On : 22 Apr 2020 18:36
 Operator : SY/VA
 Sample : L2394-02
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 R-1A

Quant Time: Apr 23 07:40:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	118000	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86655	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	7.88	113	90457	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.32	98	366824	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.62	95	117392	41.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.62%	

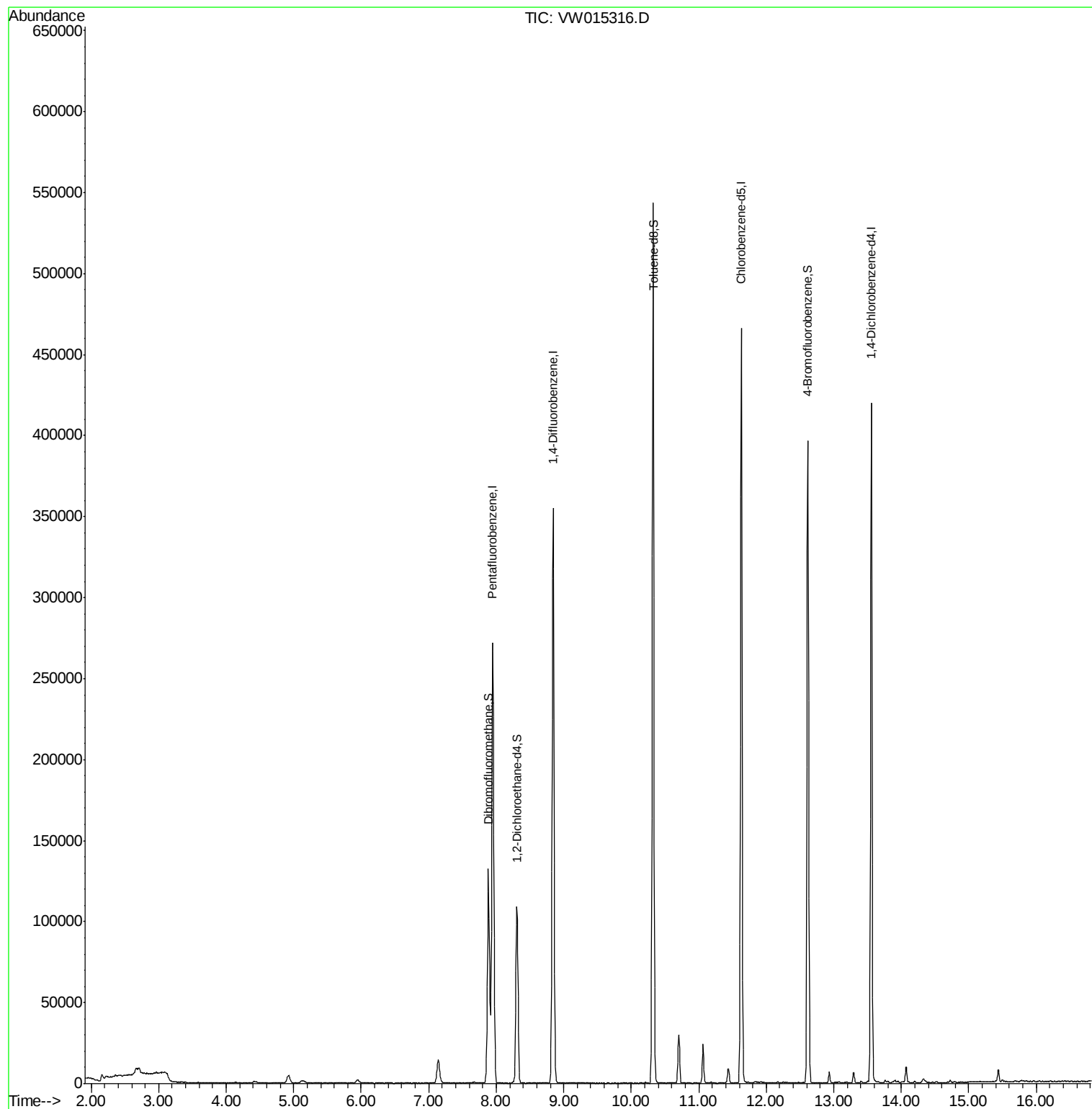
Target Compounds	Qvalue

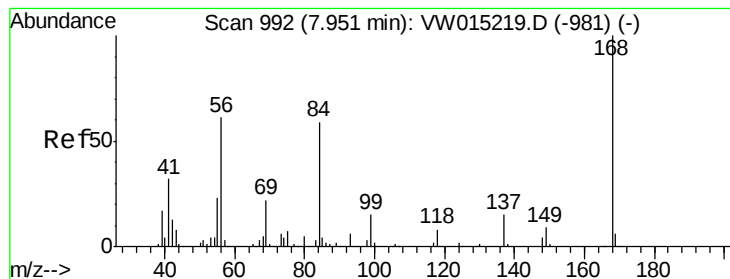
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015316.D

Acq: 22 Apr 2020 18:36

Instrument :

MSVOA_W

ClientSampled :

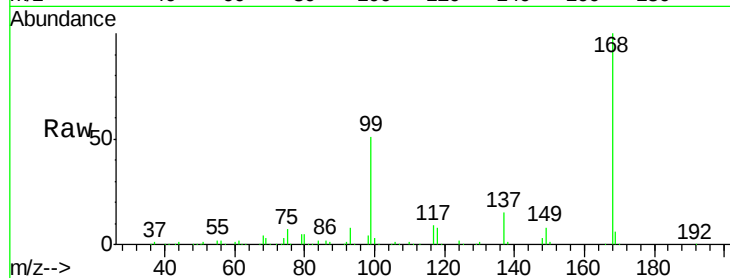
R-1A

Tot Ion:168 Resp: 220384

Ion Ratio Lower Upper

168 100

99 50.5 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

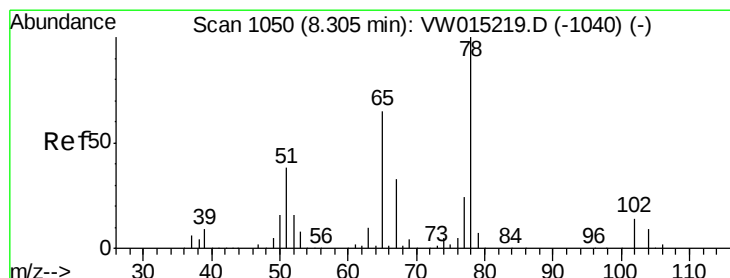
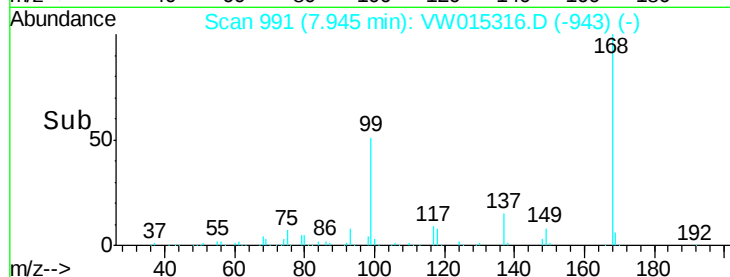
40000

20000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 48.083 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015316.D

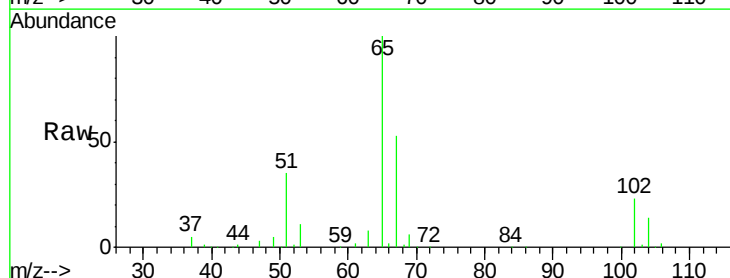
Acq: 22 Apr 2020 18:36

Tgt Ion: 65 Resp: 86655

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

30000

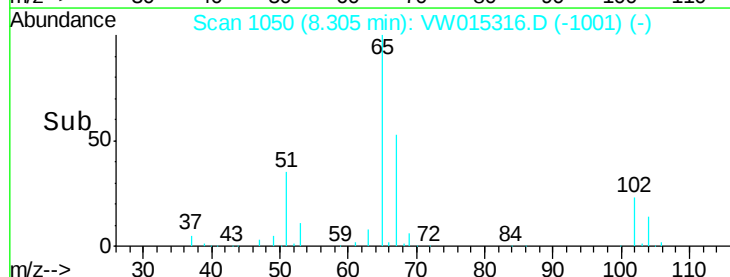
20000

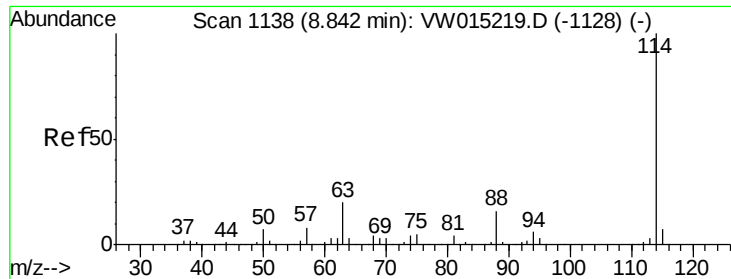
10000

0

Time-->

8.20 8.30 8.40

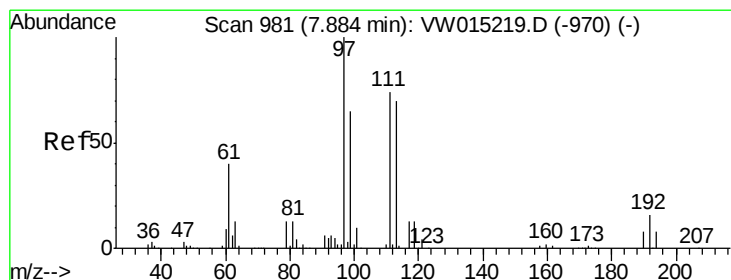
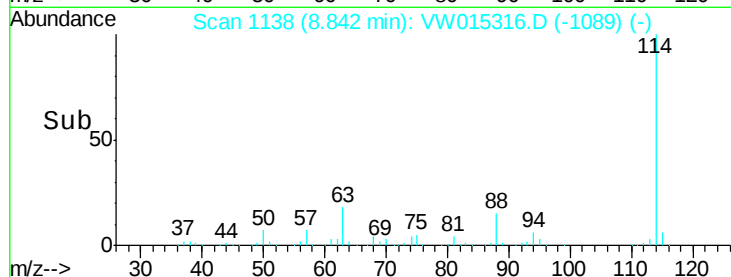
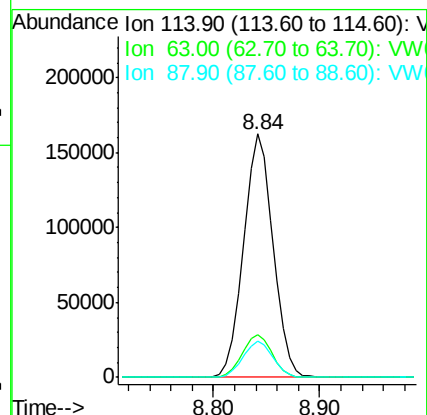
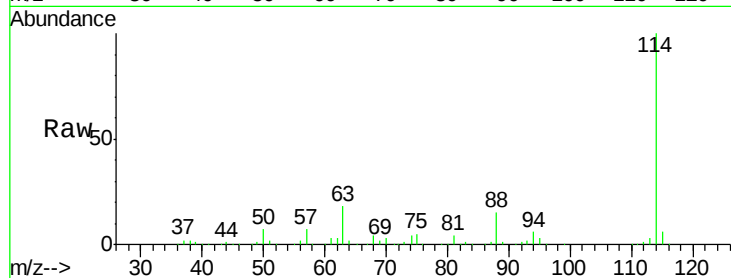




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015316.D
 Acq: 22 Apr 2020 18:36

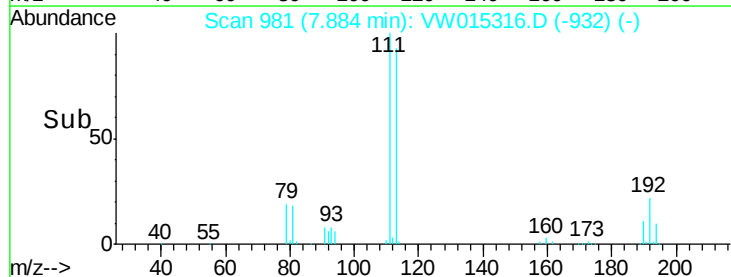
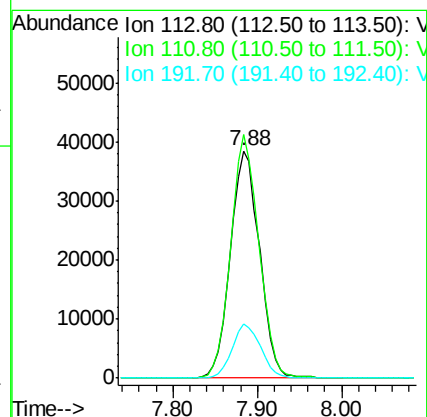
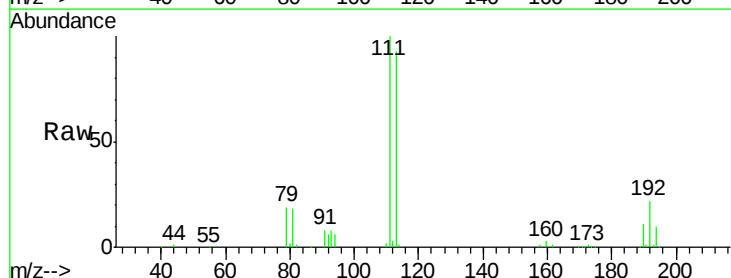
Instrument :
 MSVOA_W
 ClientSampleId :
 R-1A

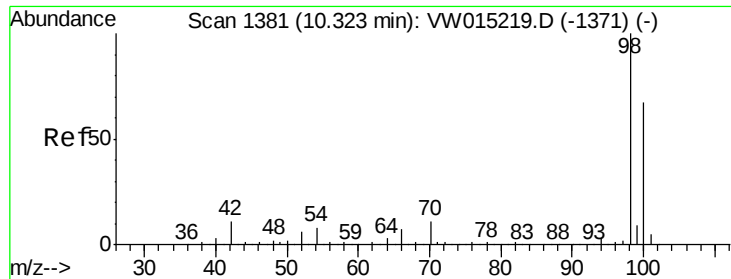
Tot Ion:114 Resp: 315828
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 39.8
 88 15.2 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 51.707 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015316.D
 Acq: 22 Apr 2020 18:36

Tgt Ion:113 Resp: 90457
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.4
 192 23.1 15.1 22.7#





#50

Toluene-d8

Concen: 49.845 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015316.D

Acq: 22 Apr 2020 18:36

Instrument :

MSVOA_W

ClientSampleId :

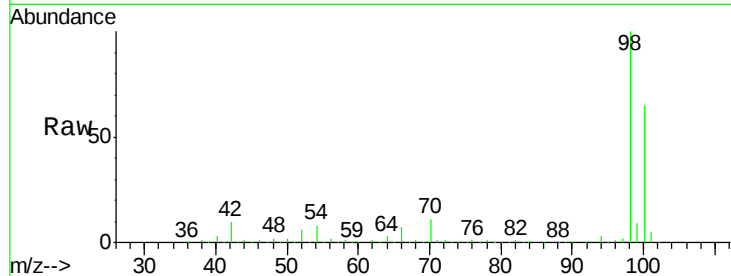
R-1A

Tot Ion: 98 Resp: 366824

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

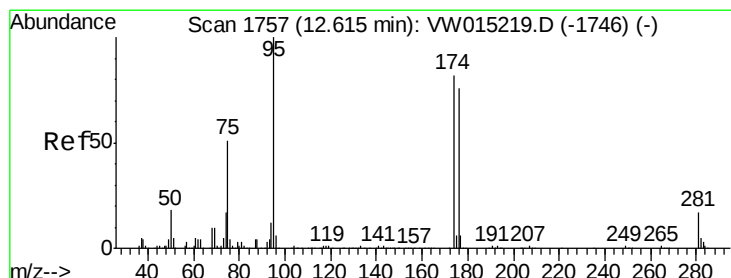
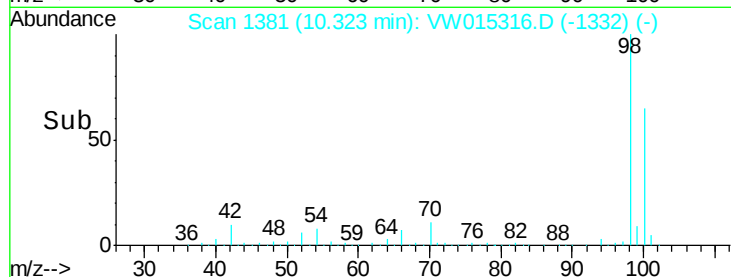
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 41.807 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015316.D

Acq: 22 Apr 2020 18:36

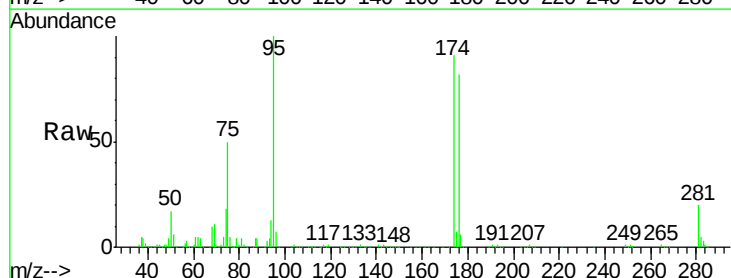
Tgt Ion: 95 Resp: 117392

Ion Ratio Lower Upper

95 100

174 91.3 0.0 144.4

176 88.0 0.0 140.6



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

12.62

100000

80000

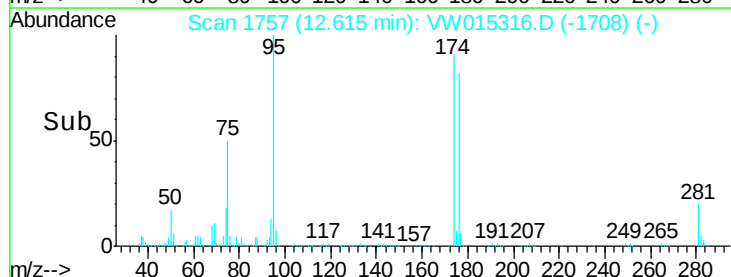
60000

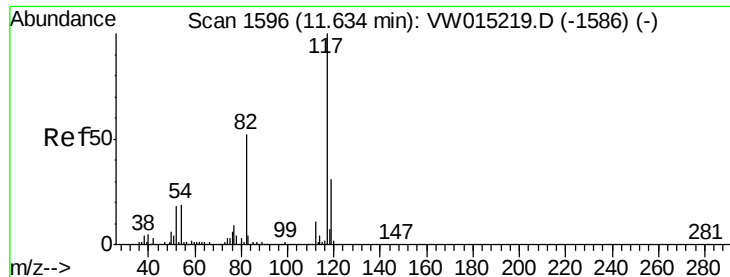
40000

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. -0.01 min

Lab File: VW015316.D

Acq: 22 Apr 2020 18:36

Instrument :

MSVOA_W

ClientSampleId :

R-1A

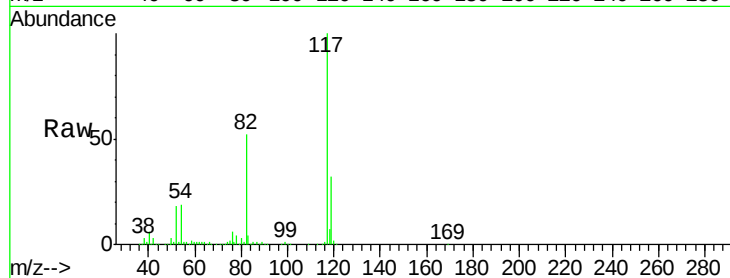
Tot Ion:117 Resp: 275025

Ion Ratio Lower Upper

117 100

82 51.8 44.1 66.1

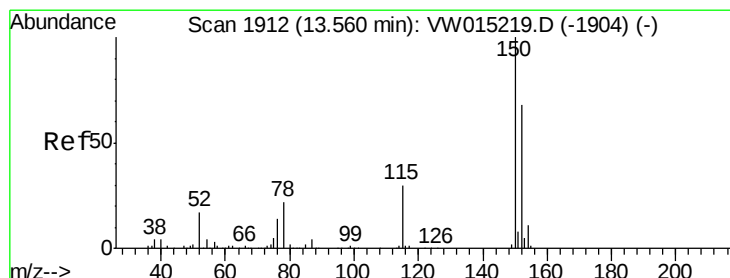
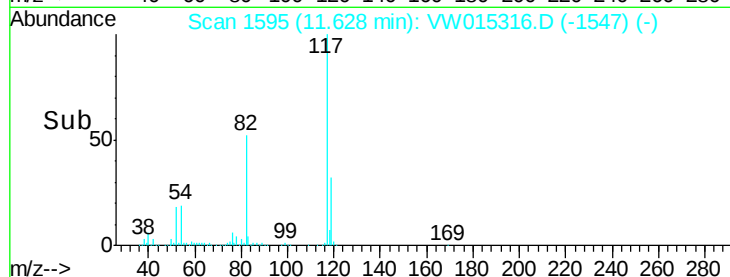
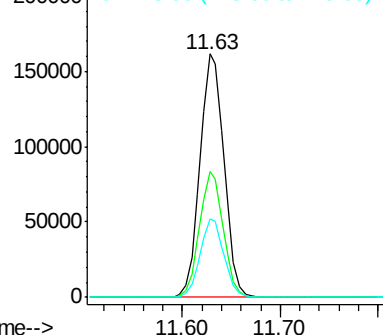
119 32.2 24.9 37.3



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: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015316.D

Acq: 22 Apr 2020 18:36

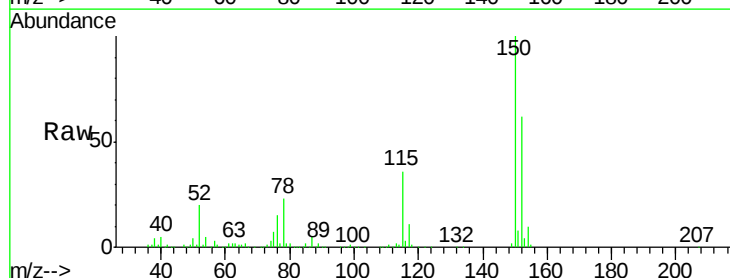
Tgt Ion:152 Resp: 118000

Ion Ratio Lower Upper

152 100

115 55.6 31.3 93.9

150 154.9 0.0 343.4



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

