

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013701.D
 Acq On : 24 Oct 2019 07:27
 Operator : SY/VA
 Sample : K5503-08
 Misc : 7.19G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 174-54-(2)

Quant Time: Oct 24 08:56:54 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	300296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	460092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127476	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	126058	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
35) Dibromofluoromethane	7.88	113	134695	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	10.32	98	535725	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.62	95	142538	40.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.82%	

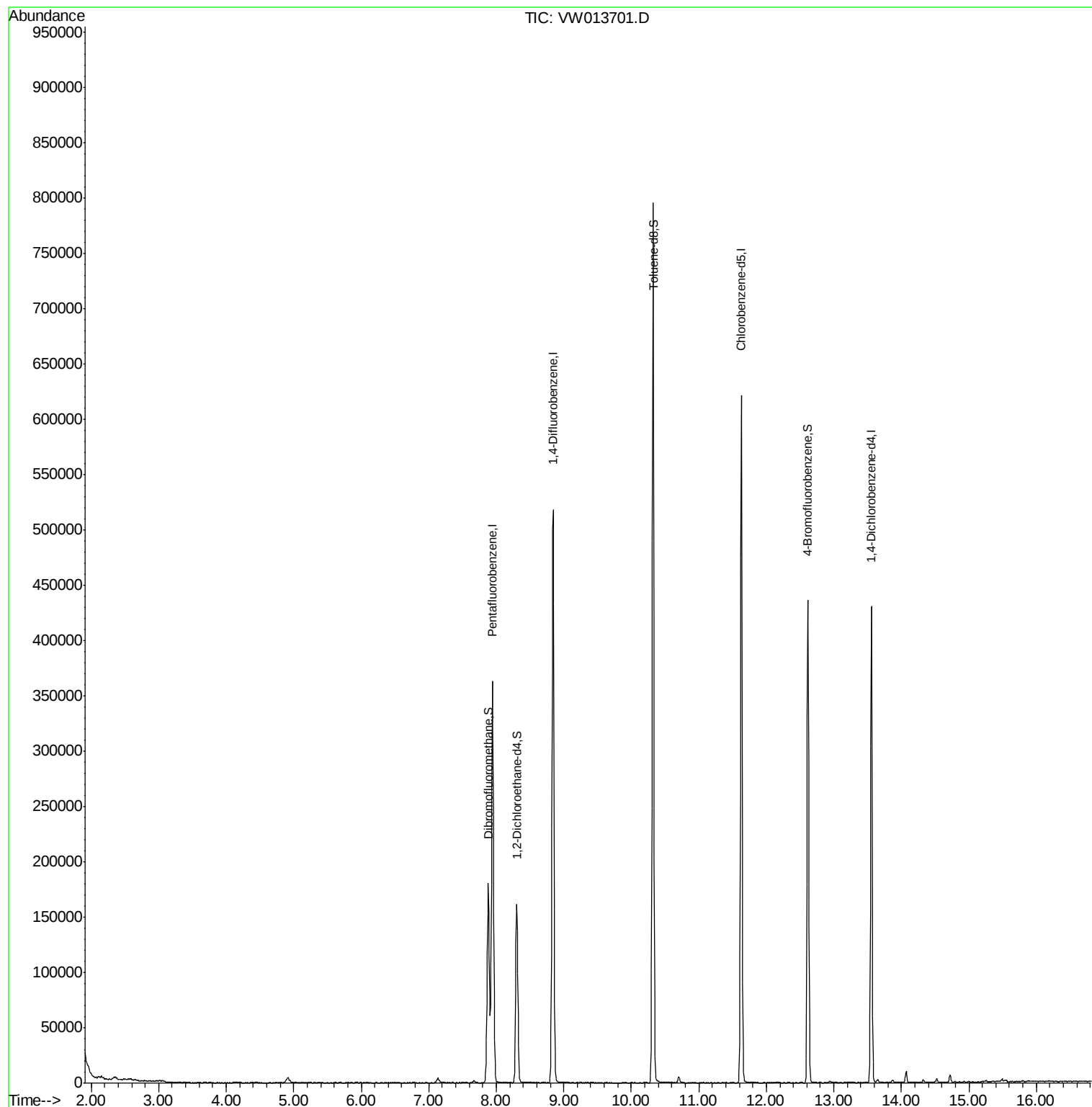
Target Compounds	Qvalue

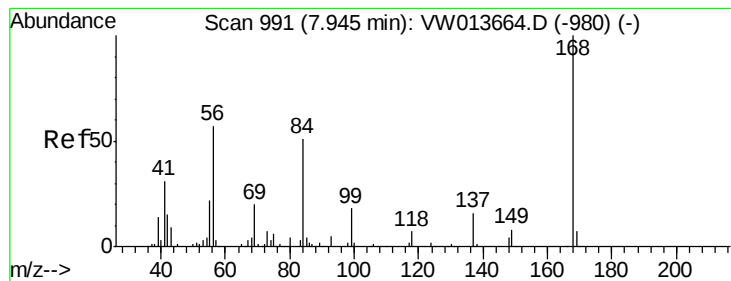
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
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Quant Title : SW846 8260
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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: VW013701.D

Acq: 24 Oct 2019 07:27

Instrument :

MSVOA_W

ClientSampleId :

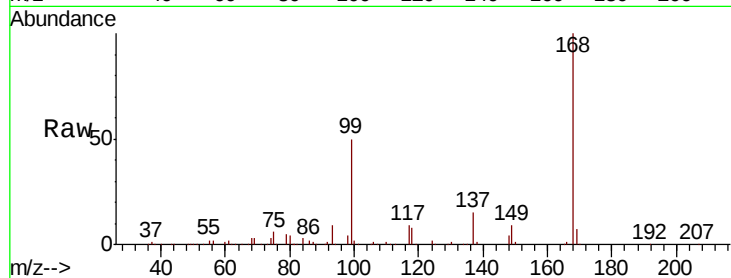
174-54-(2)

Tot Ion:168 Resp: 300296

Ion Ratio Lower Upper

168 100

99 50.1 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

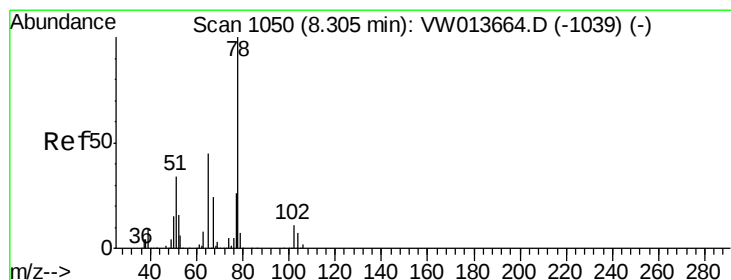
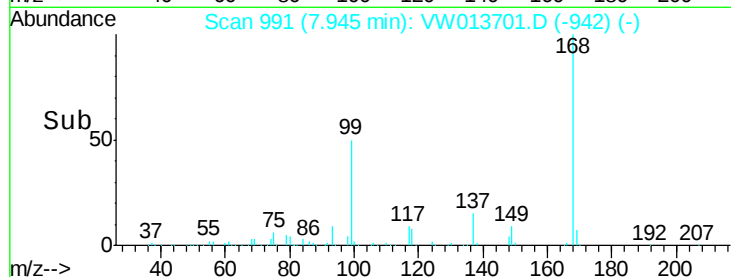
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 55.958 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013701.D

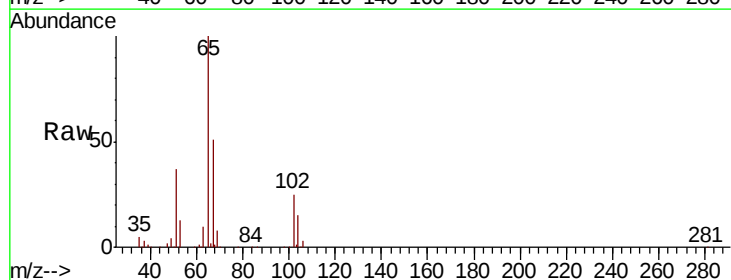
Acq: 24 Oct 2019 07:27

Tgt Ion: 65 Resp: 126058

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

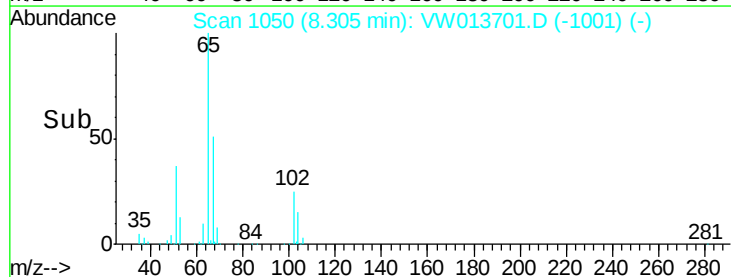
30000

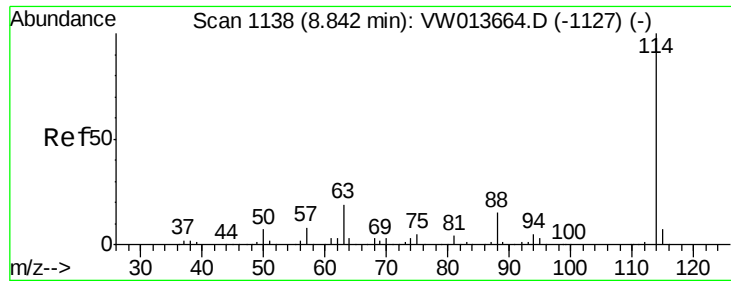
20000

10000

0

Time--> 8.20 8.25 8.30 8.35 8.40

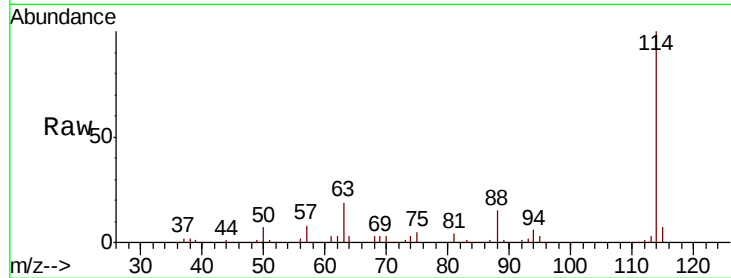




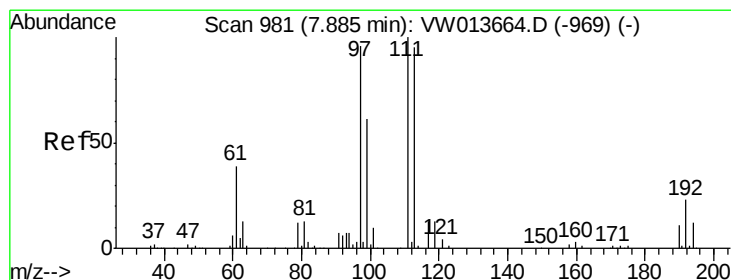
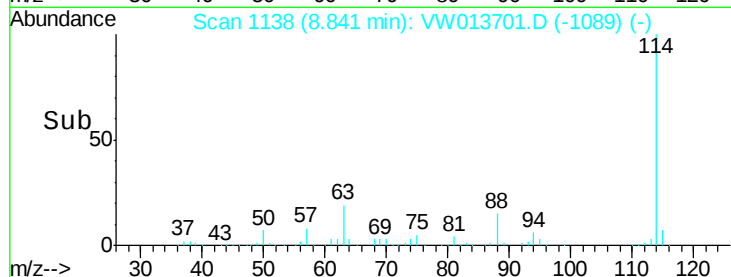
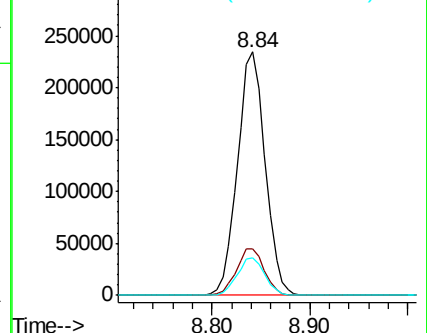
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013701.D
Acq: 24 Oct 2019 07:27

Instrument :
MSVOA_W
ClientSampleId :
174-54-(2)

Tot Ion:114 Resp: 460092
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.6
88 15.3 0.0 30.2

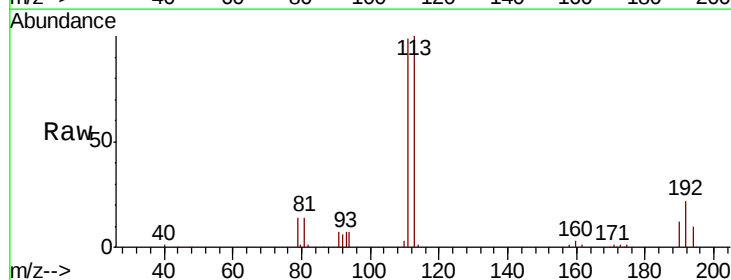


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

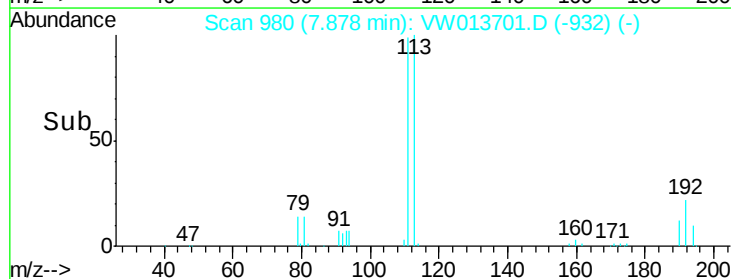
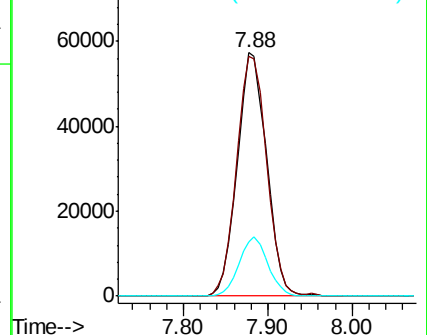


#35
Dibromofluoromethane
Concen: 52.687 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013701.D
Acq: 24 Oct 2019 07:27

Tgt Ion:113 Resp: 134695
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 23.7 19.4 29.2



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: 51.427 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

Instrument :

MSVOA_W

ClientSampleId :

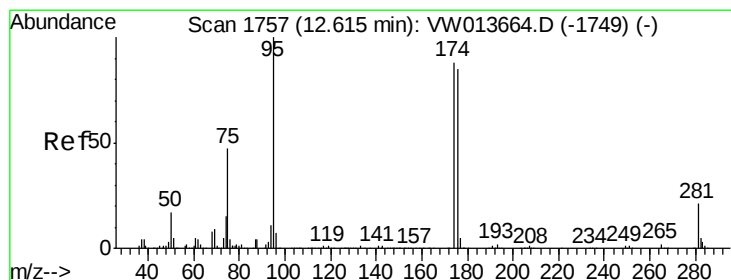
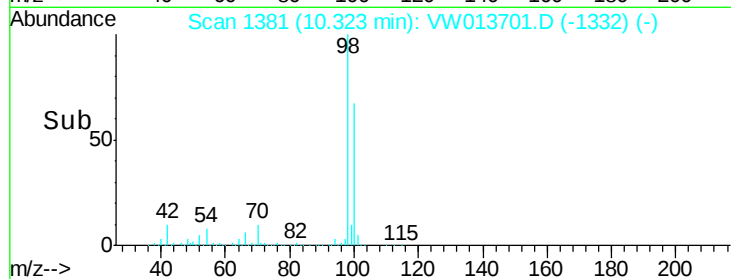
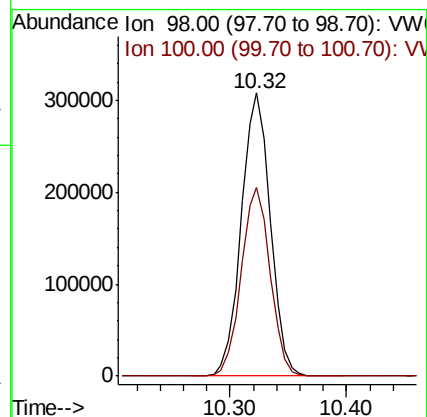
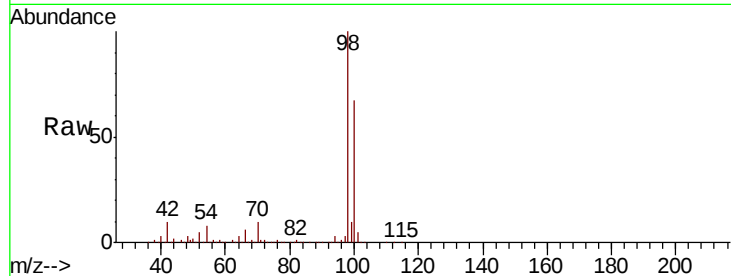
174-54-(2)

Tot Ion: 98 Resp: 535725

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 40.410 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

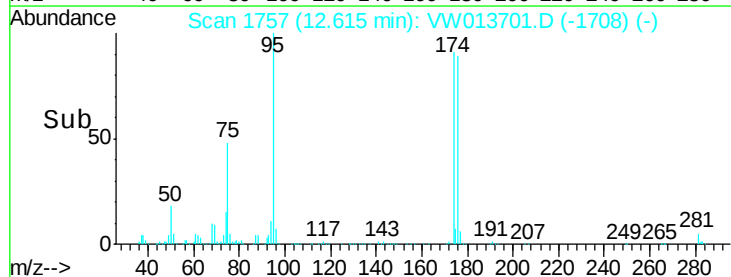
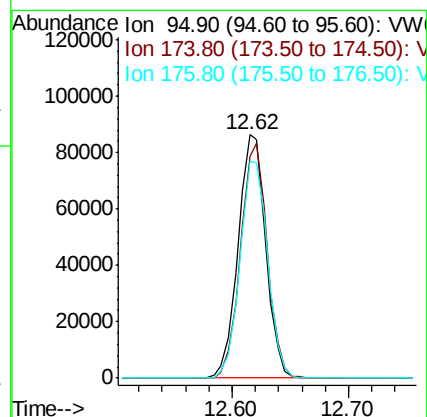
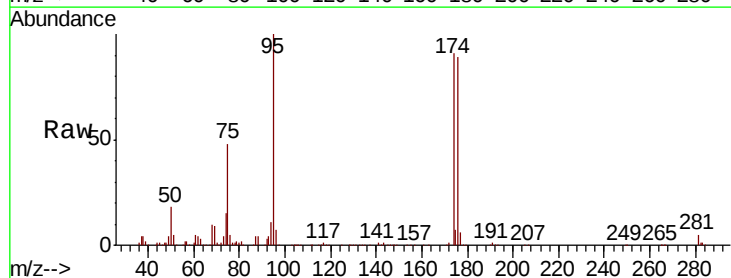
Tgt Ion: 95 Resp: 142538

Ion Ratio Lower Upper

95 100

174 93.2 0.0 183.6

176 89.4 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

Instrument :

MSVOA_W

ClientSampleId :

174-54-(2)

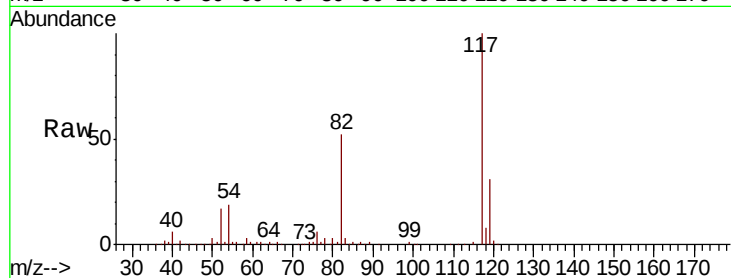
Tot Ion:117 Resp: 374378

Ion Ratio Lower Upper

117 100

82 52.2 43.6 65.4

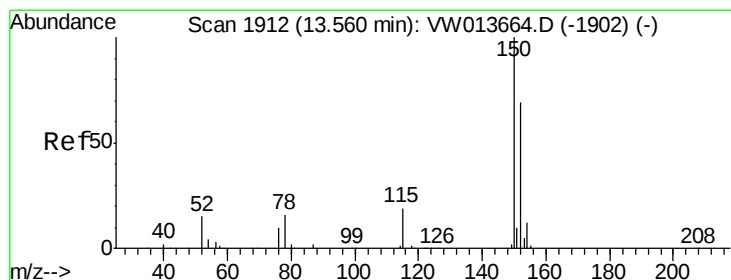
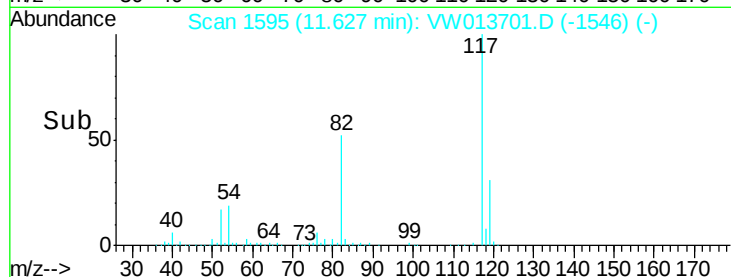
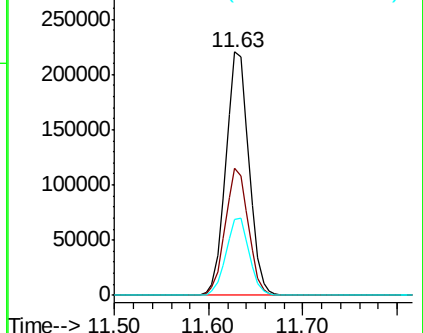
119 31.2 25.4 38.2



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: VW013701.D

Acq: 24 Oct 2019 07:27

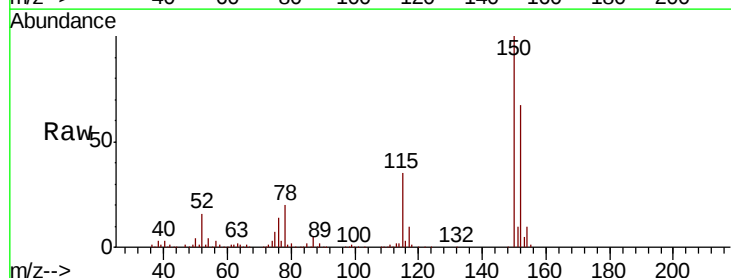
Tgt Ion:152 Resp: 127476

Ion Ratio Lower Upper

152 100

115 54.6 27.4 82.2

150 155.6 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

