

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013692.D
 Acq On : 24 Oct 2019 03:32
 Operator : SY/VA
 Sample : K5502-10
 Misc : 7.21G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 179-76-(2.1)

Quant Time: Oct 24 08:44:51 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	269363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	411588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60855	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116758	57.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.56%	
35) Dibromofluoromethane	7.88	113	123191	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	10.32	98	430945	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.62	95	85961	27.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.48%	

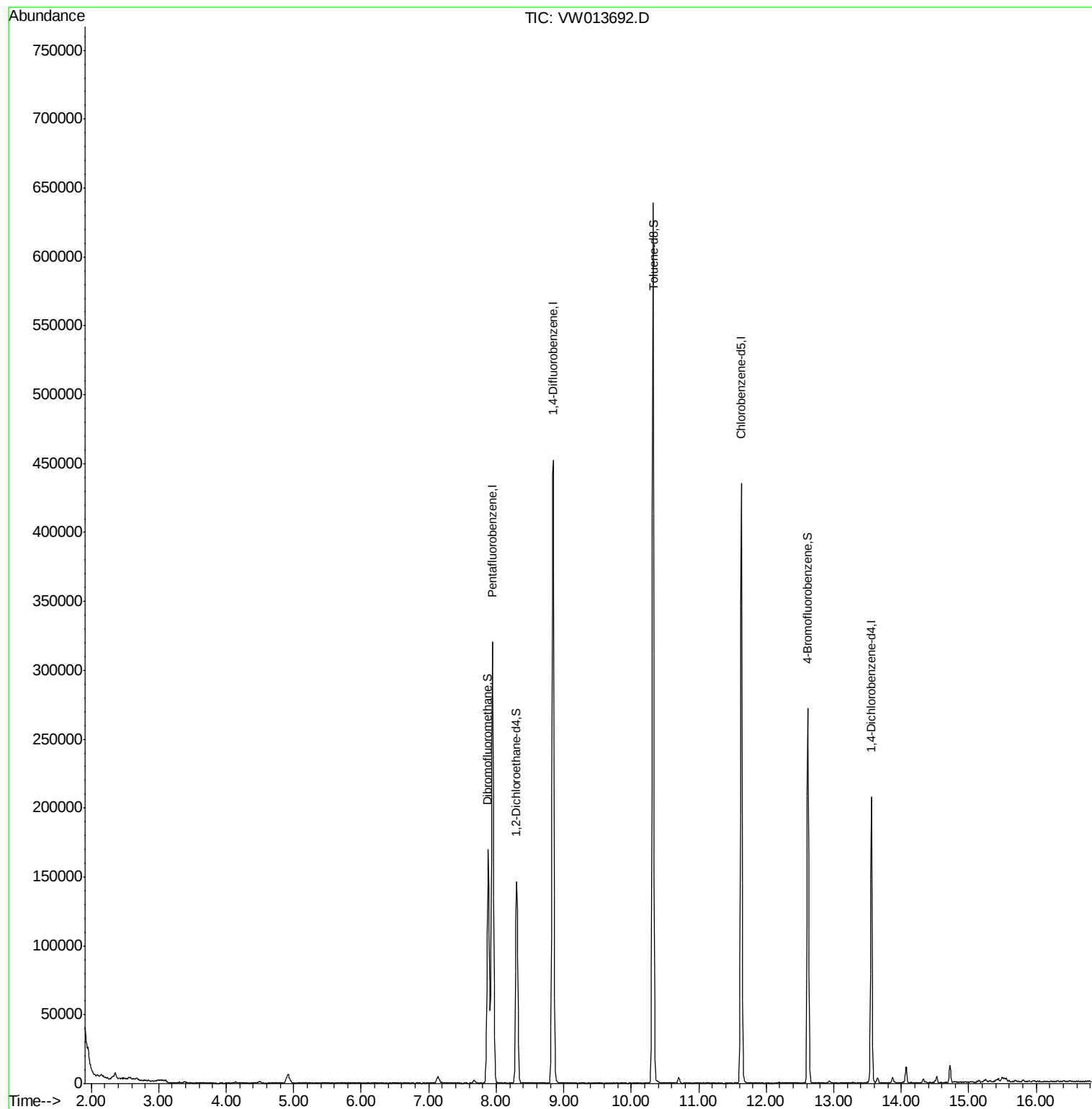
Target Compounds	Qvalue

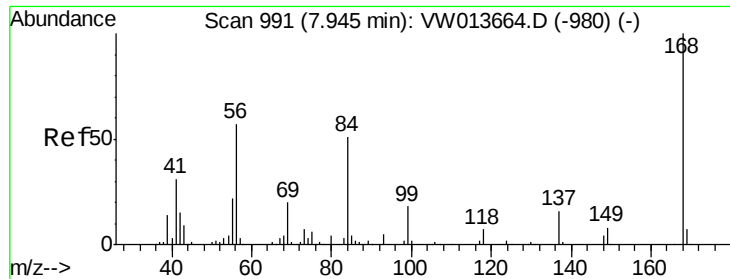
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013692.D

Acq: 24 Oct 2019 03:32

Instrument :

MSVOA_W

ClientSampleId :

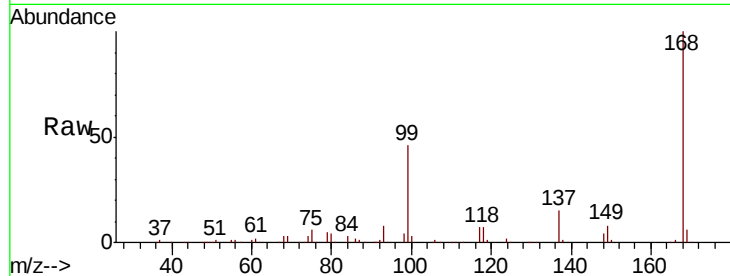
179-76-(2.1)

Tot Ion:168 Resp: 269363

Ion Ratio Lower Upper

168 100

99 46.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

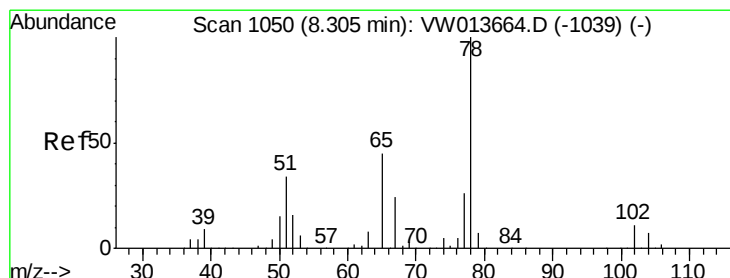
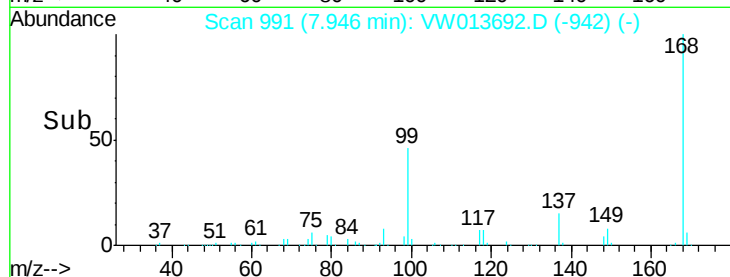
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.782 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013692.D

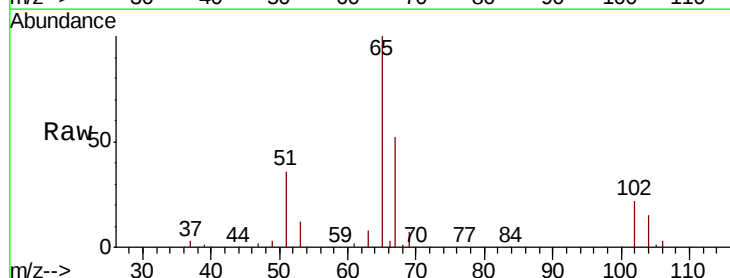
Acq: 24 Oct 2019 03:32

Tgt Ion: 65 Resp: 116758

Ion Ratio Lower Upper

65 100

67 53.6 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

60000

50000

40000

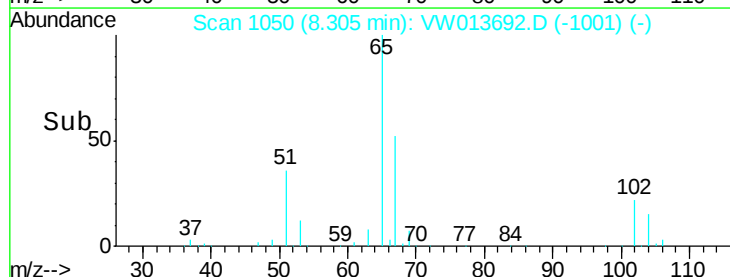
30000

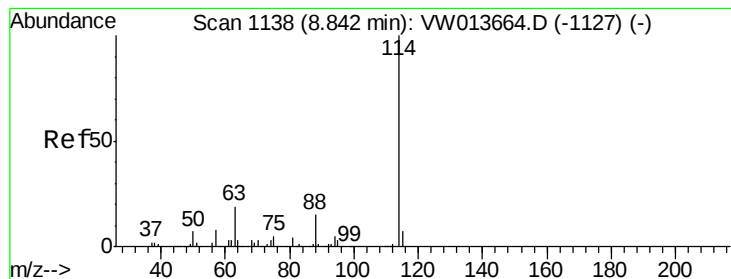
20000

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: VW013692.D

Acq: 24 Oct 2019 03:32

Instrument :

MSVOA_W

ClientSampled :

179-76-(2.1)

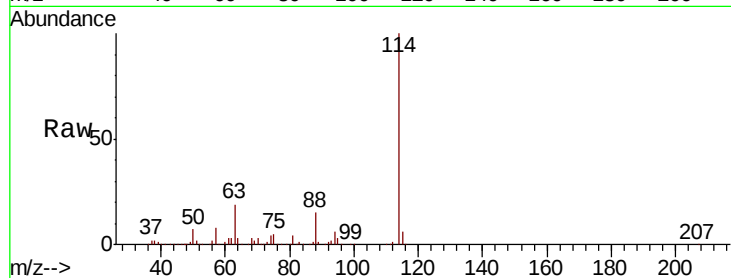
Tot Ion:114 Resp: 411588

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

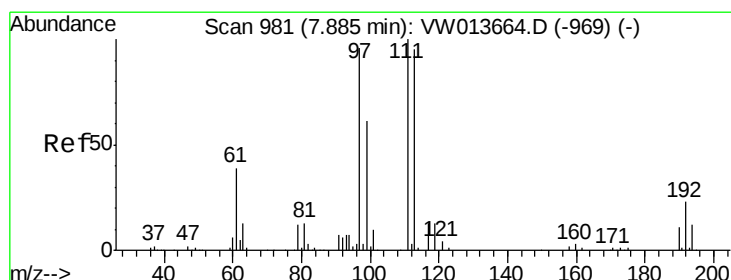
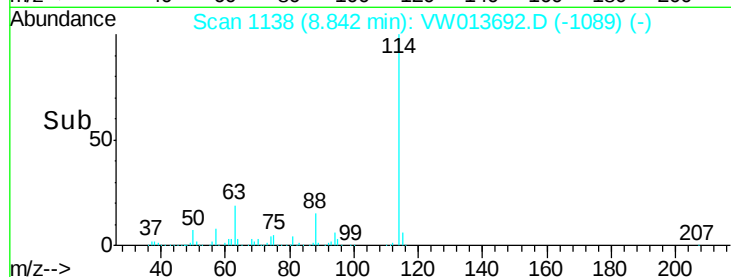
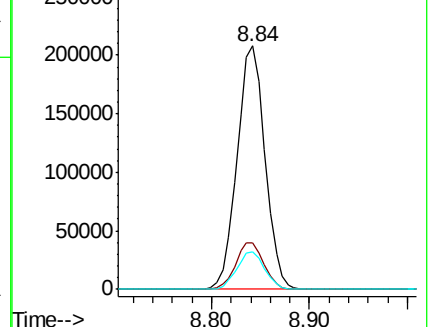
88 15.2 0.0 30.2



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: 53.866 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013692.D

Acq: 24 Oct 2019 03:32

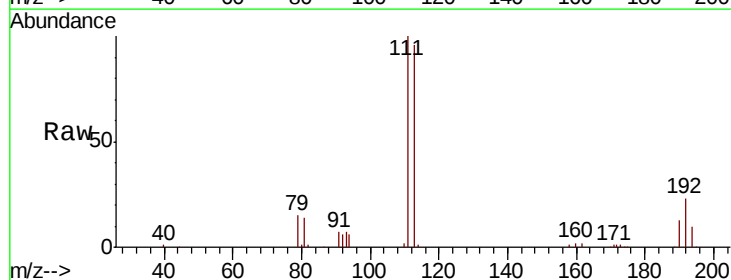
Tgt Ion:113 Resp: 123191

Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.6

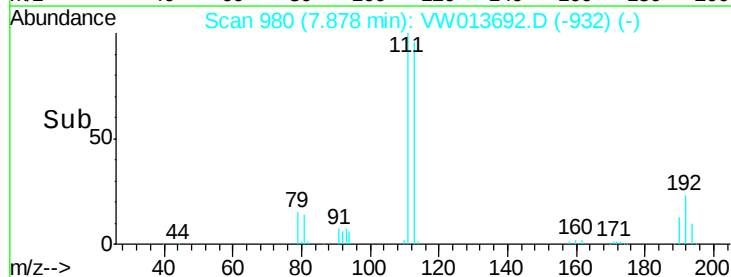
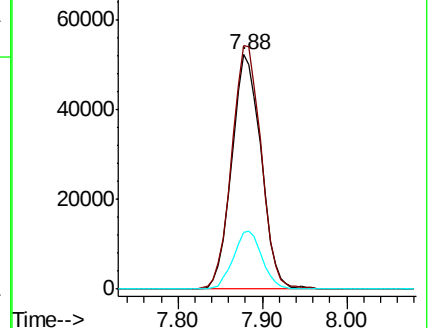
192 24.2 19.4 29.2



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: 46.244 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013692.D

Acq: 24 Oct 2019 03:32

Instrument :

MSVOA_W

ClientSampleId :

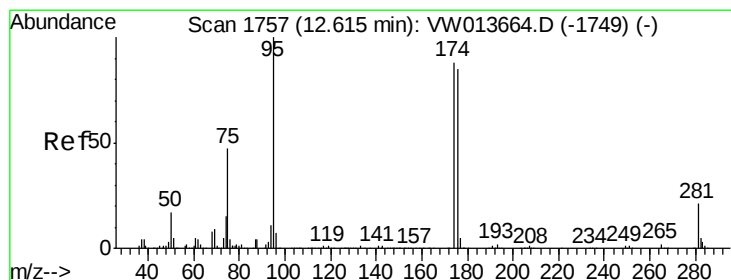
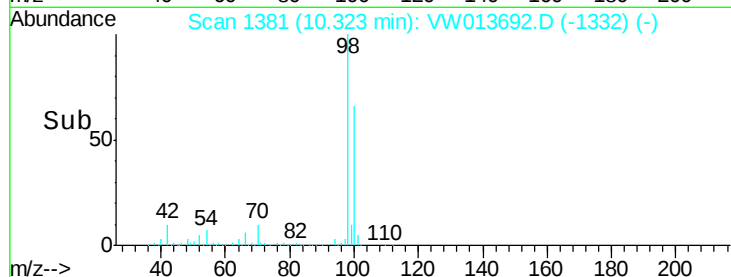
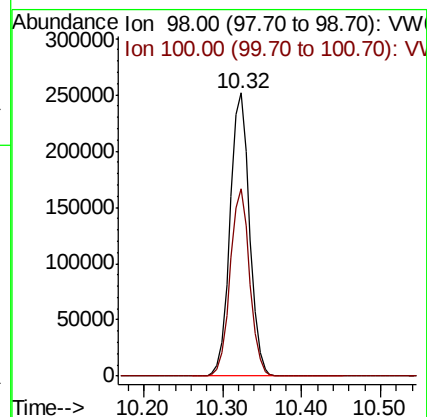
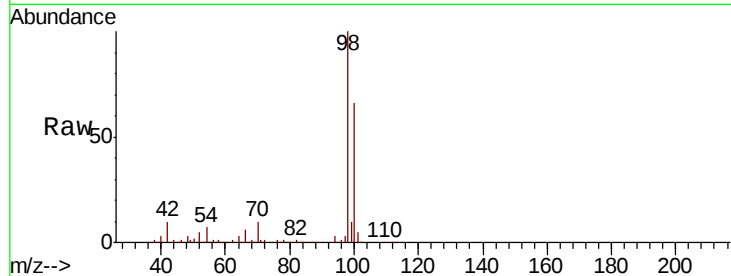
179-76-(2.1)

Tot Ion: 98 Resp: 430945

Ion Ratio Lower Upper

98 100

100 66.1 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 27.242 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013692.D

Acq: 24 Oct 2019 03:32

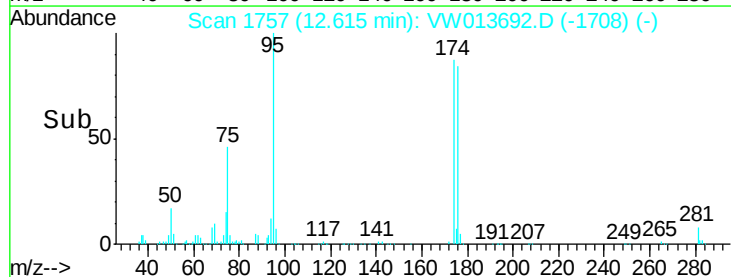
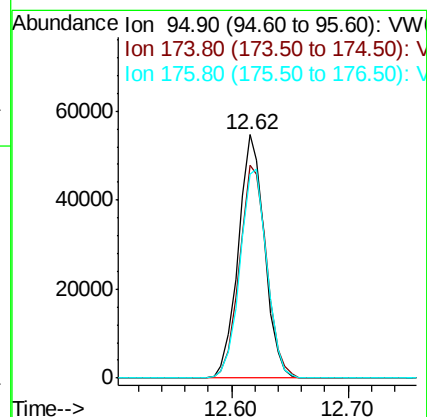
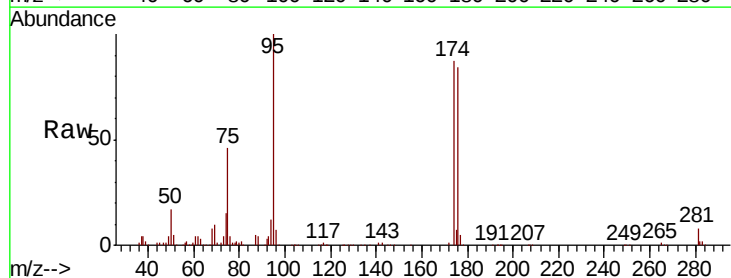
Tgt Ion: 95 Resp: 85961

Ion Ratio Lower Upper

95 100

174 90.6 0.0 183.6

176 87.9 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: VW013692.D

Acq: 24 Oct 2019 03:32

Instrument :

MSVOA_W

ClientSampleId :

179-76-(2.1)

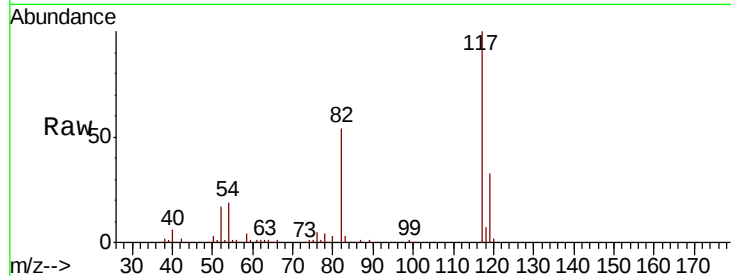
Tot Ion:117 Resp: 263882

Ion Ratio Lower Upper

117 100

82 53.9 43.6 65.4

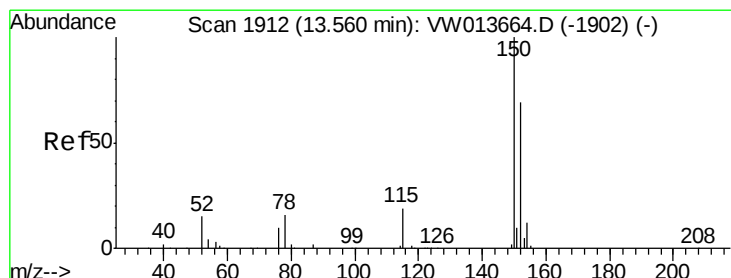
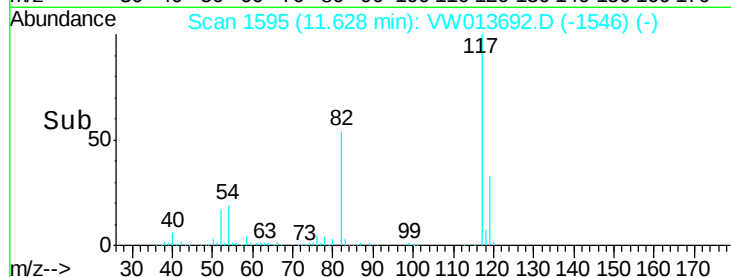
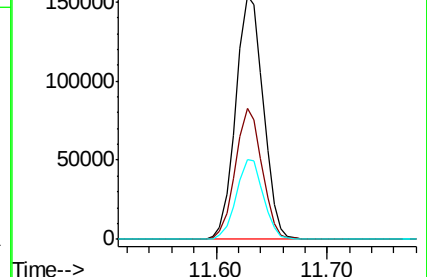
119 32.8 25.4 38.2



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: VW013692.D

Acq: 24 Oct 2019 03:32

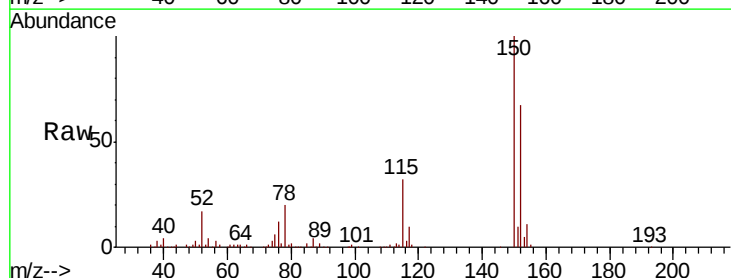
Tgt Ion:152 Resp: 60855

Ion Ratio Lower Upper

152 100

115 53.8 27.4 82.2

150 152.9 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

