

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013113.D
 Acq On : 18 Sep 2019 15:10
 Operator : SY/VA
 Sample : K4886-02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-13-S2(3.5-4)

Quant Time: Sep 19 08:47:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	326189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	488874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	391072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152089	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147495	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.88	113	138267	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.32	98	561188	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.62	95	164143	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	

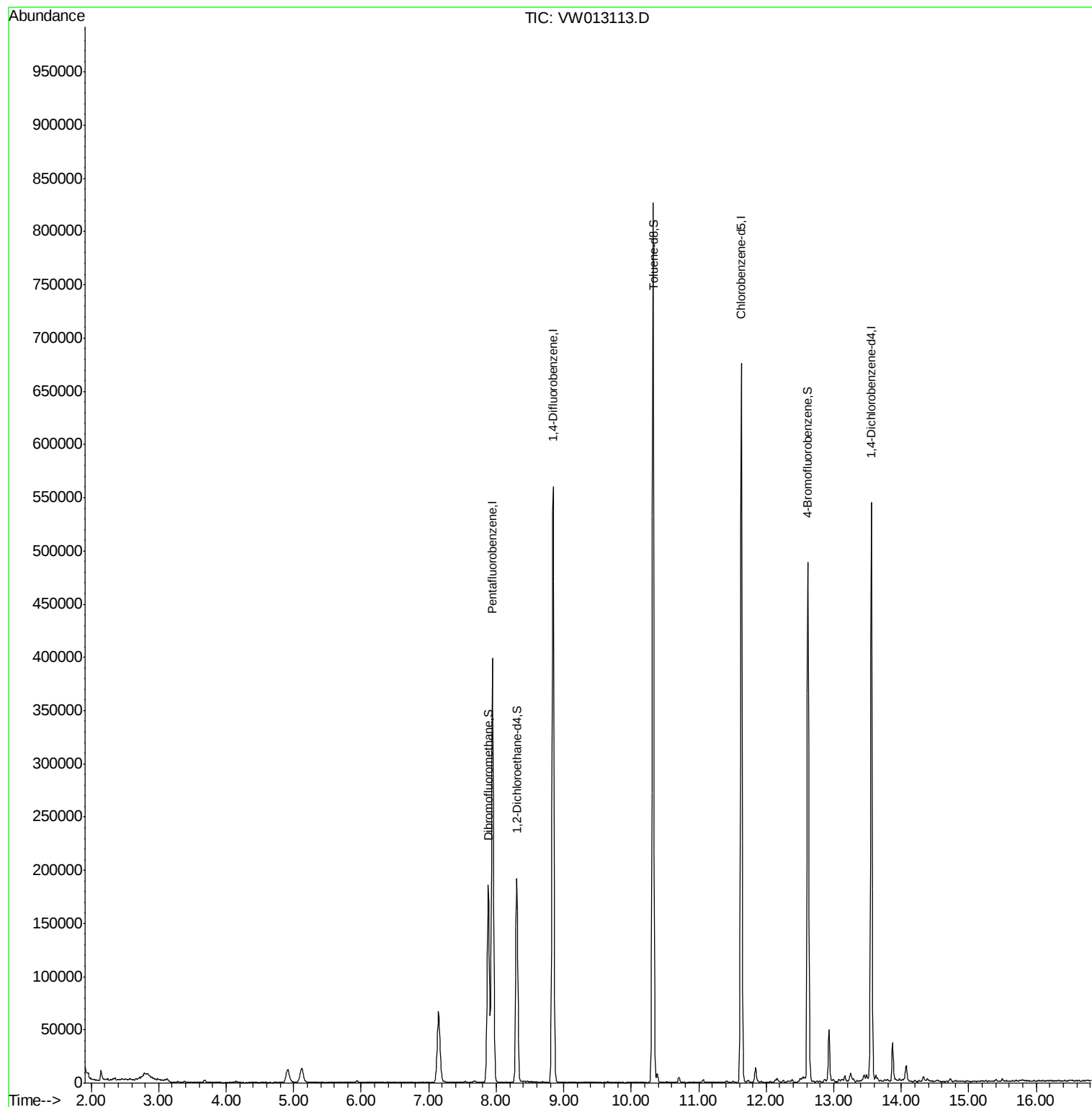
Target Compounds	Qvalue

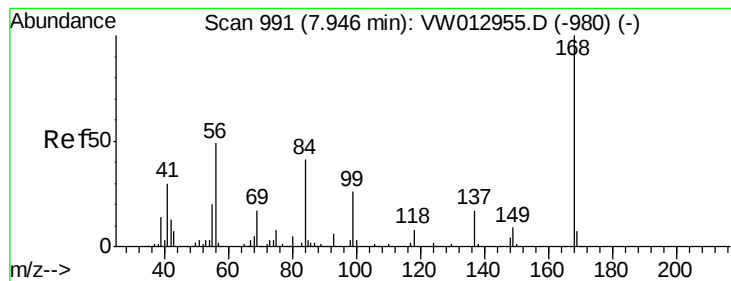
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091819\
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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: VW013113.D

Acq: 18 Sep 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

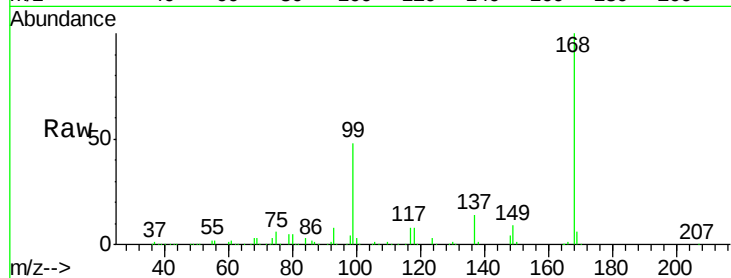
TP-13-S2(3.5-4)

Tot Ion:168 Resp: 326189

Ion Ratio Lower Upper

168 100

99 47.9 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

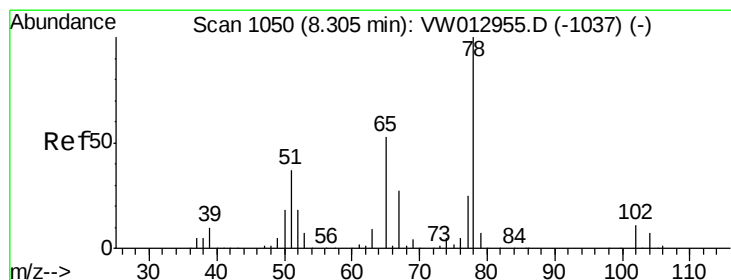
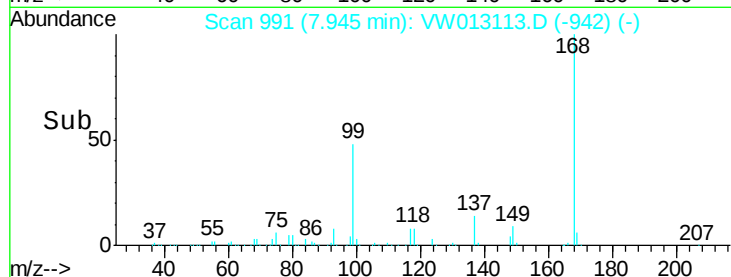
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.960 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013113.D

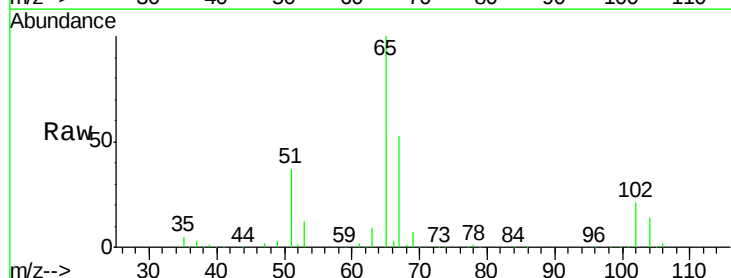
Acq: 18 Sep 2019 15:10

Tgt Ion: 65 Resp: 147495

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

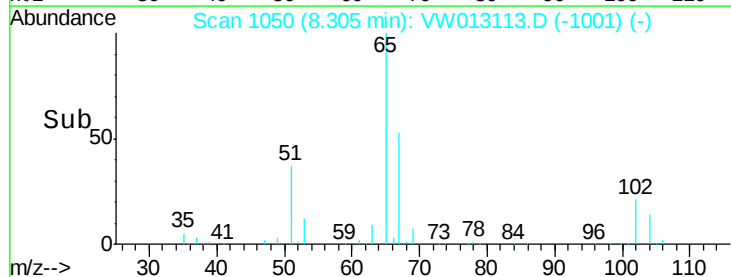
60000

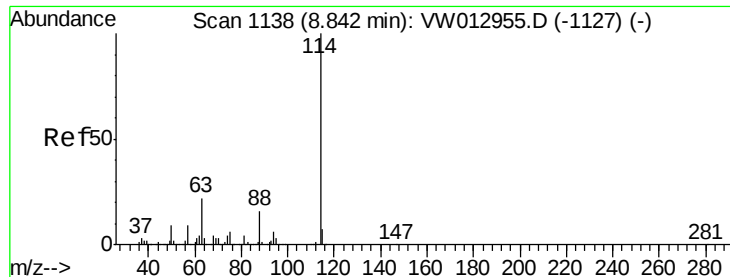
40000

20000

0

Time-->

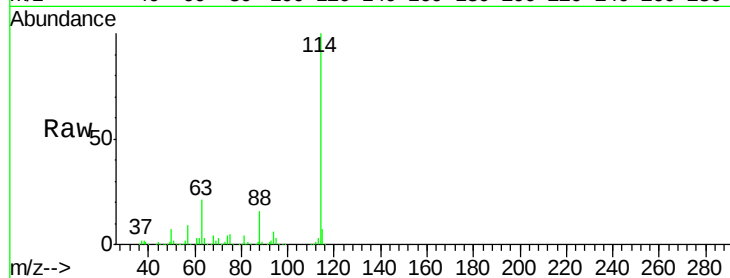




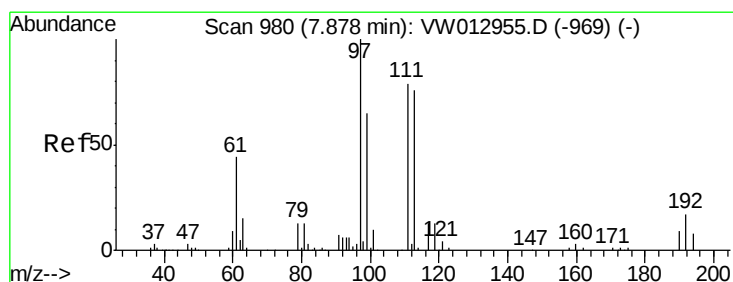
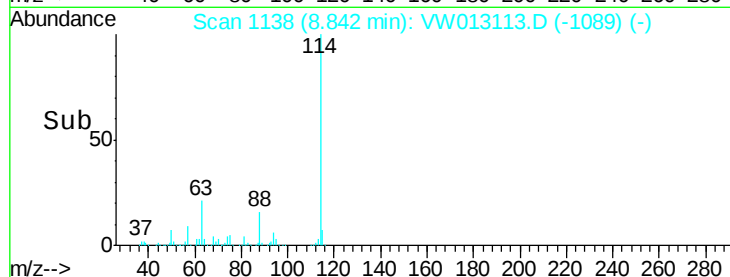
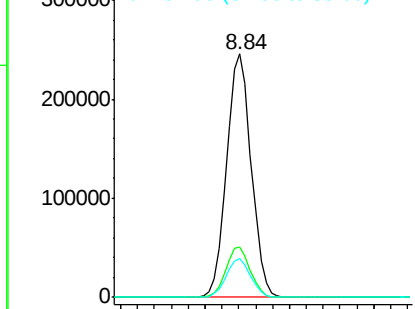
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013113.D
Acq: 18 Sep 2019 15:10

Instrument :
MSVOA_W
ClientSampleId :
TP-13-S2(3.5-4)

Tot Ion:114 Resp: 488874
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.4
88 15.8 0.0 31.6

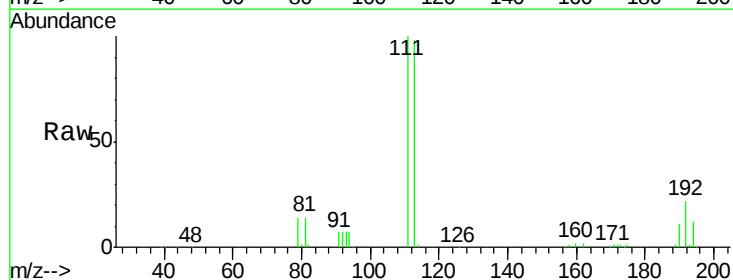


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

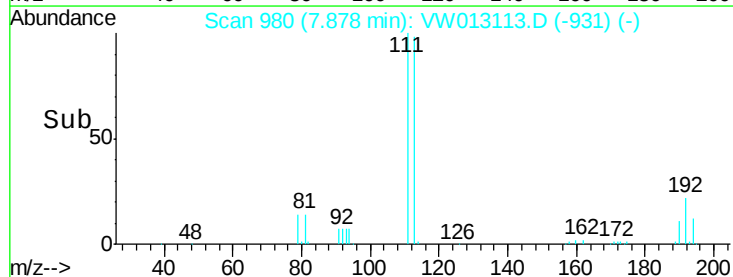
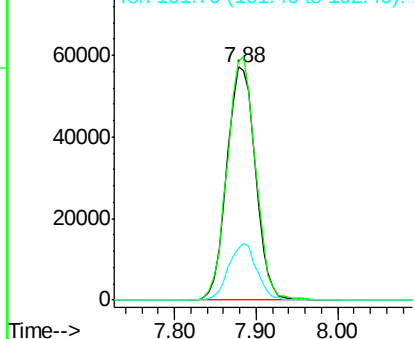


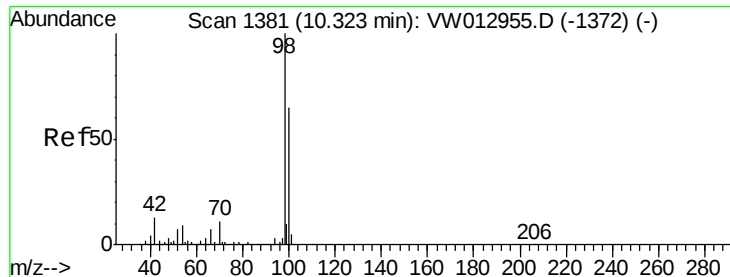
#35
Dibromofluoromethane
Concen: 52.123 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013113.D
Acq: 18 Sep 2019 15:10

Tgt Ion:113 Resp: 138267
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 23.8 17.8 26.8



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: 54.063 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013113.D

Acq: 18 Sep 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

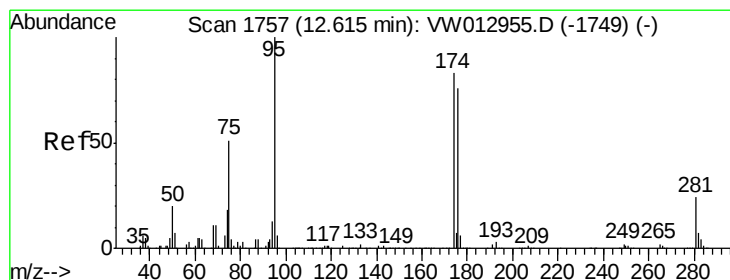
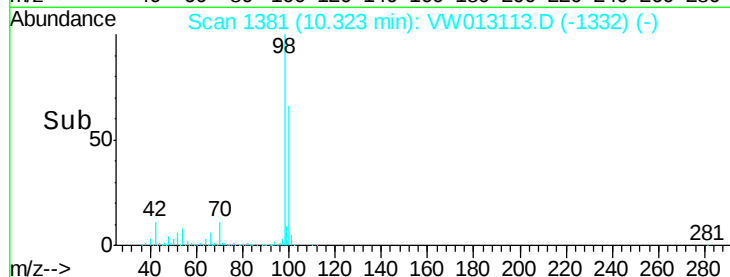
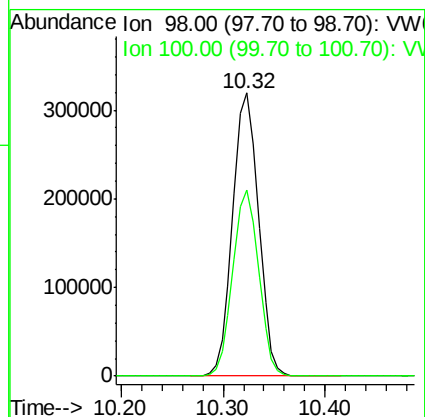
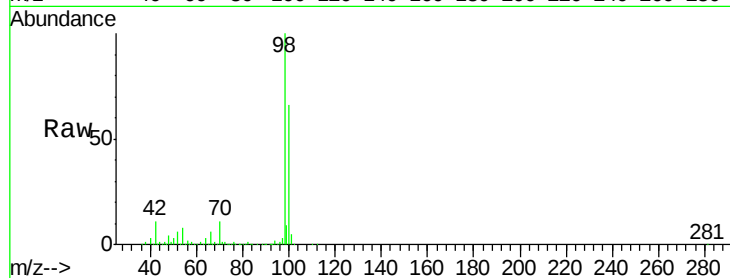
TP-13-S2(3.5-4)

Tot Ion: 98 Resp: 561188

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 43.976 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013113.D

Acq: 18 Sep 2019 15:10

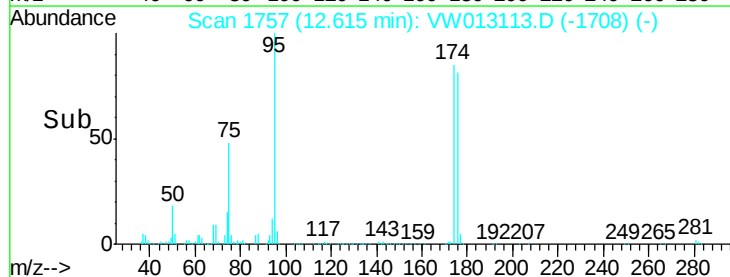
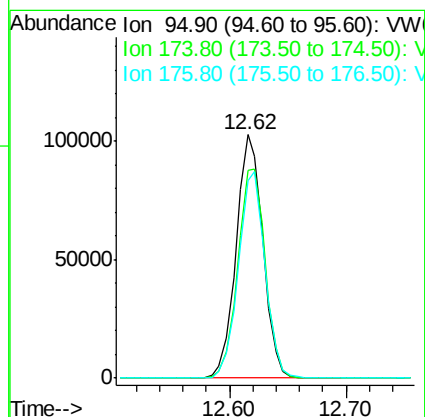
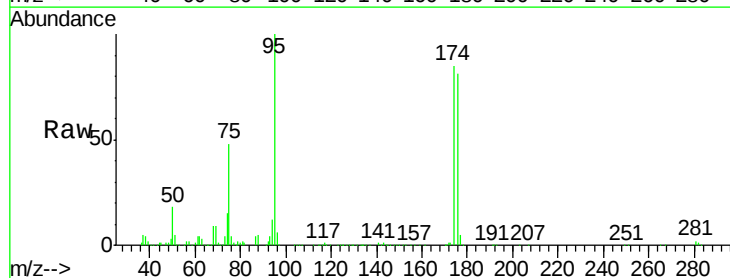
Tgt Ion: 95 Resp: 164143

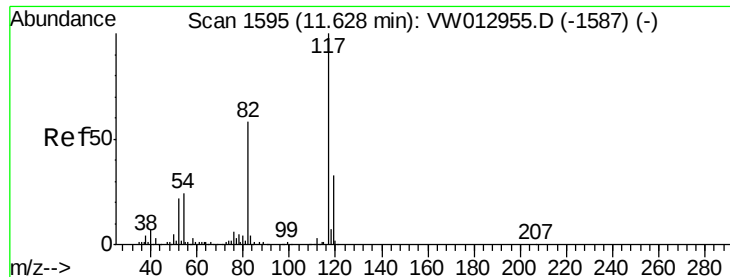
Ion Ratio Lower Upper

95 100

174 88.6 0.0 170.4

176 84.4 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013113.D

Acq: 18 Sep 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

TP-13-S2(3.5-4)

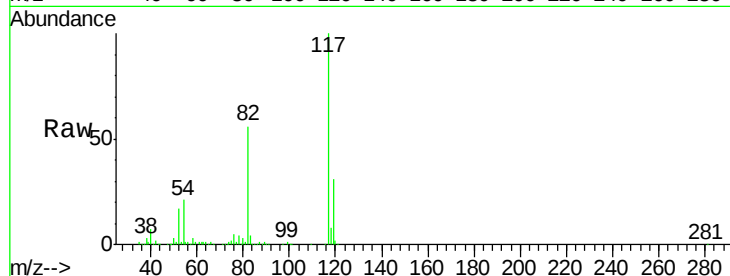
Tot Ion:117 Resp: 391072

Ion Ratio Lower Upper

117 100

82 55.7 46.3 69.5

119 31.1 26.2 39.4

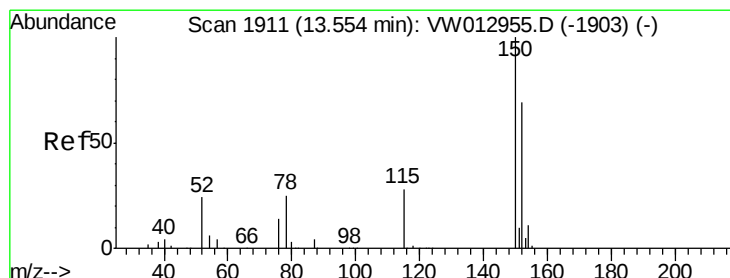
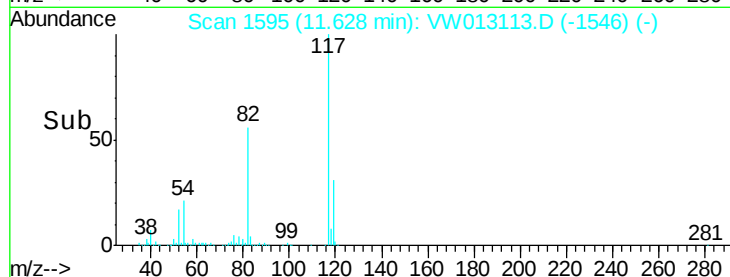
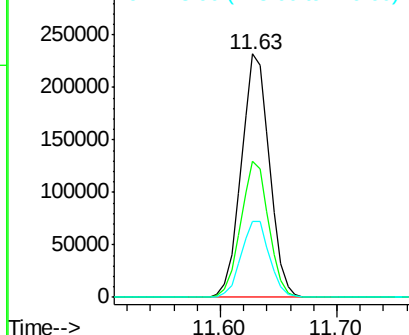


Abundance

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. 0.01 min

Lab File: VW013113.D

Acq: 18 Sep 2019 15:10

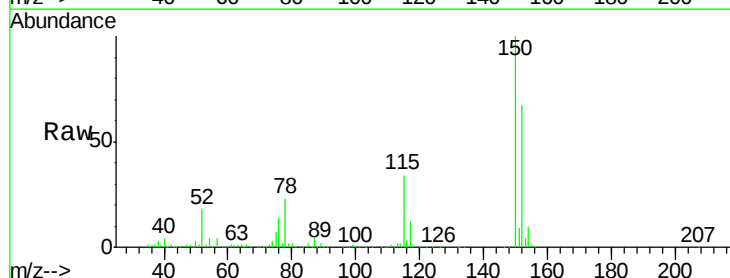
Tgt Ion:152 Resp: 152089

Ion Ratio Lower Upper

152 100

115 54.8 28.8 86.4

150 155.1 0.0 340.2



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

