

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013719.D
 Acq On : 24 Oct 2019 18:54
 Operator : SY/VA
 Sample : K5501-20RE
 Misc : 6.46G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 182-66-(2)RE

Quant Time: Oct 25 08:20:26 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	258489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	390344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70178	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110909	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
35) Dibromofluoromethane	7.88	113	119253	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
50) Toluene-d8	10.32	98	418674	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.62	95	90601	30.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.56%	

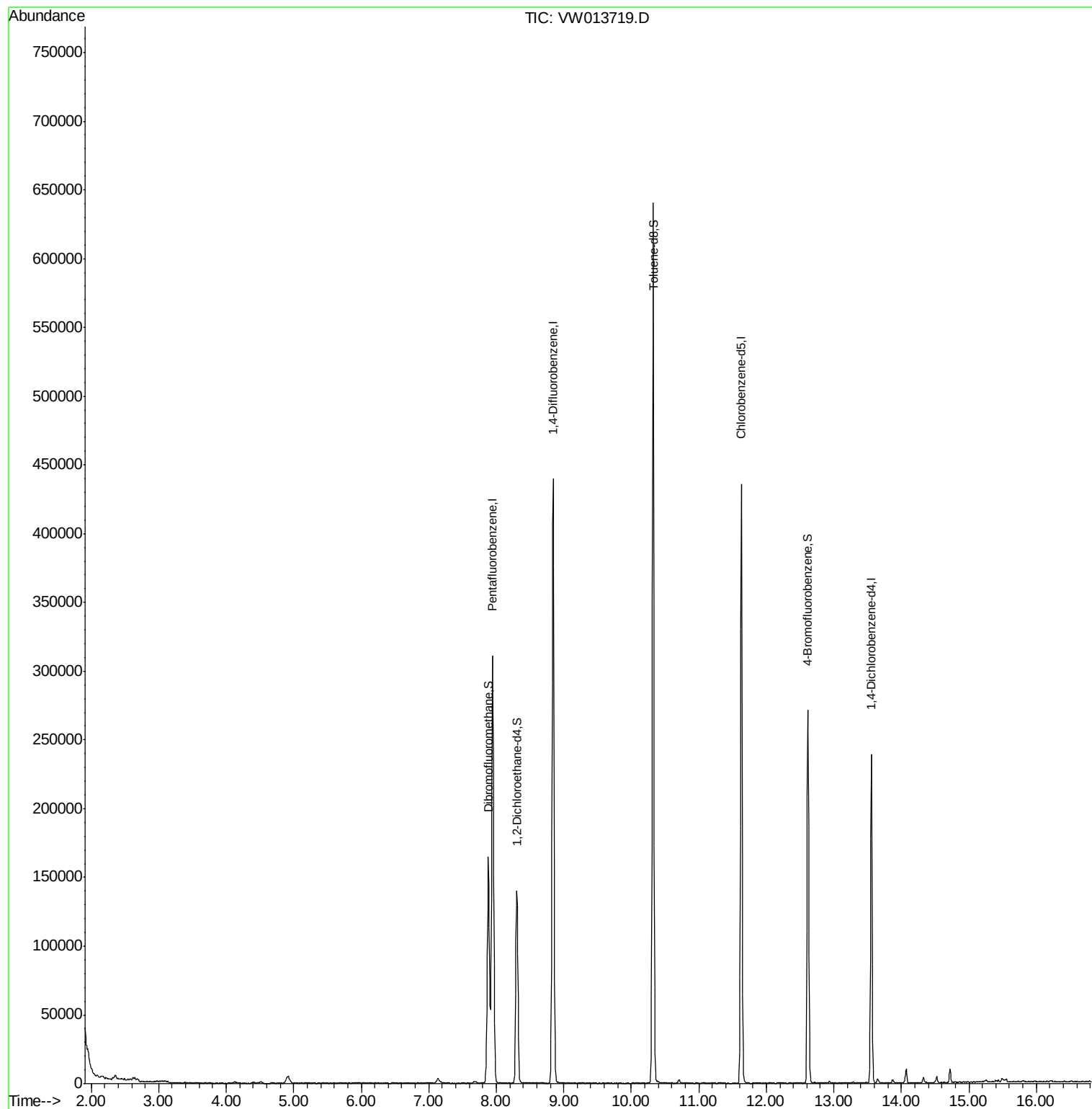
Target Compounds	Qvalue
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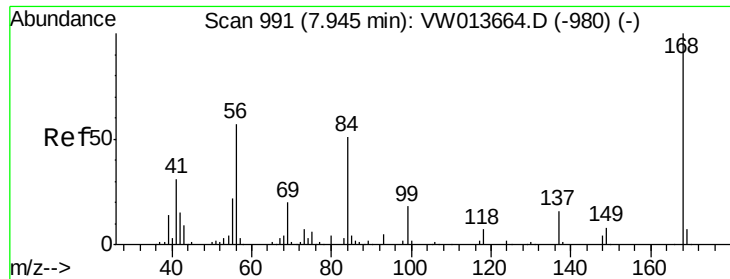
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013719.D

Acq: 24 Oct 2019 18:54

Instrument :

MSVOA_W

ClientSampleId :

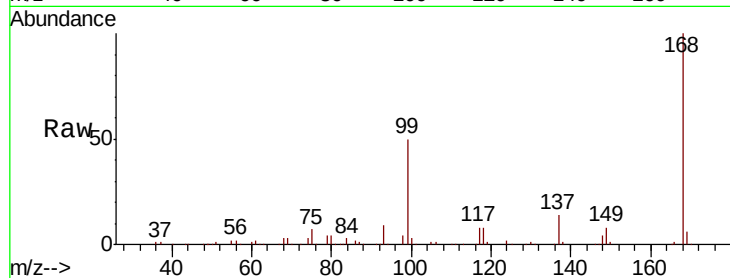
182-66-(2)RE

Tot Ion:168 Resp: 258489

Ion Ratio Lower Upper

168 100

99 49.6 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

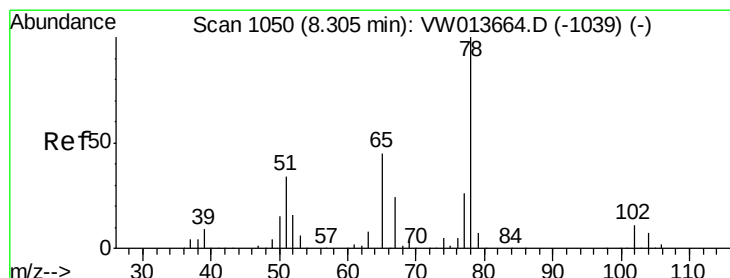
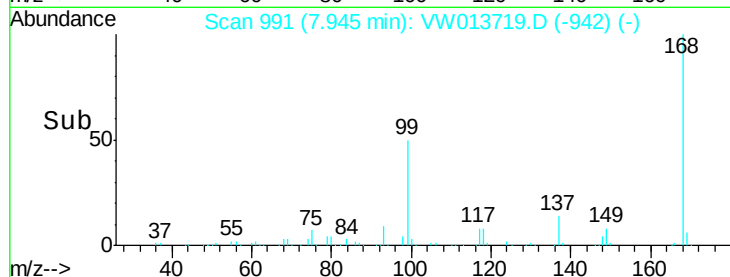
7.95

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.196 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013719.D

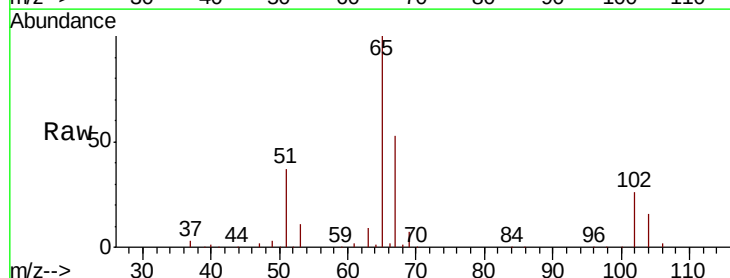
Acq: 24 Oct 2019 18:54

Tgt Ion: 65 Resp: 110909

Ion Ratio Lower Upper

65 100

67 53.3 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

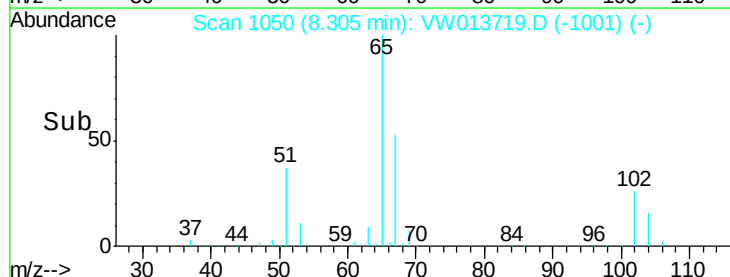
30000

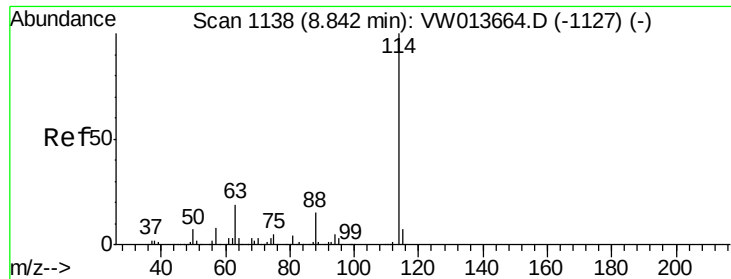
20000

10000

0

Time-->

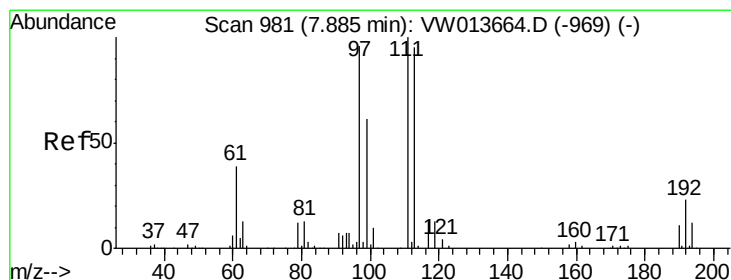
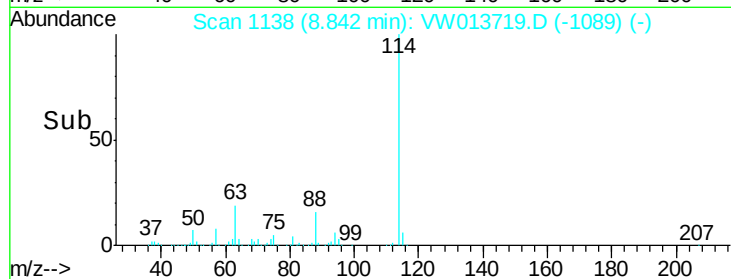
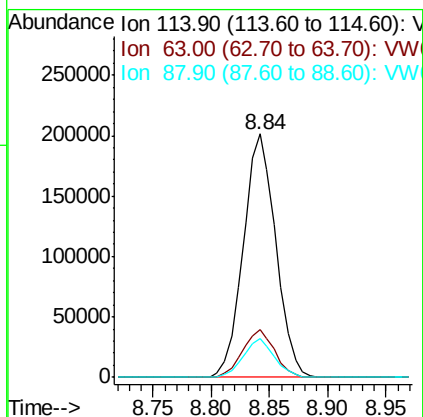
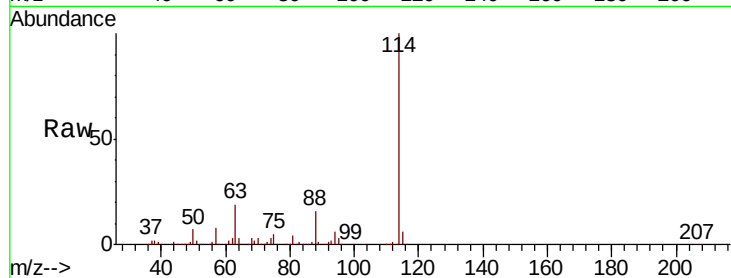




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013719.D
 Acq: 24 Oct 2019 18:54

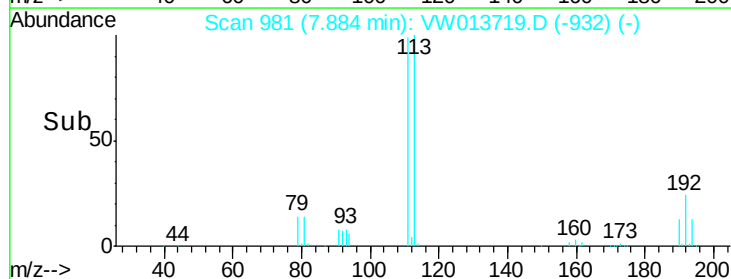
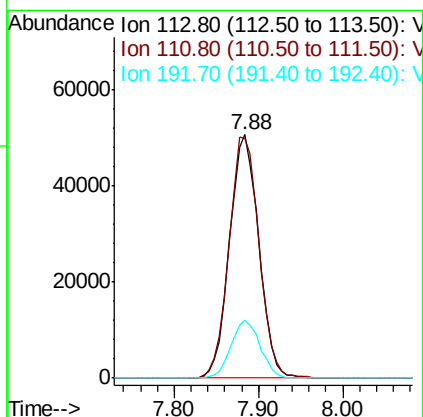
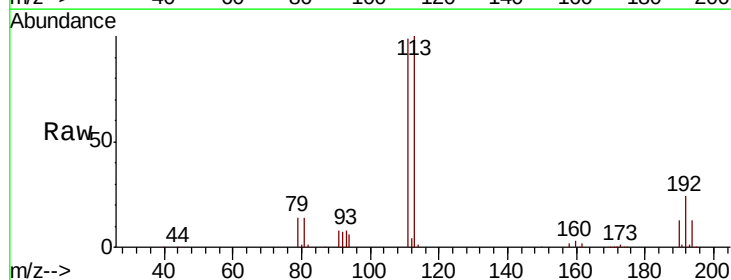
Instrument :
 MSVOA_W
 ClientSampleId :
 182-66-(2)RE

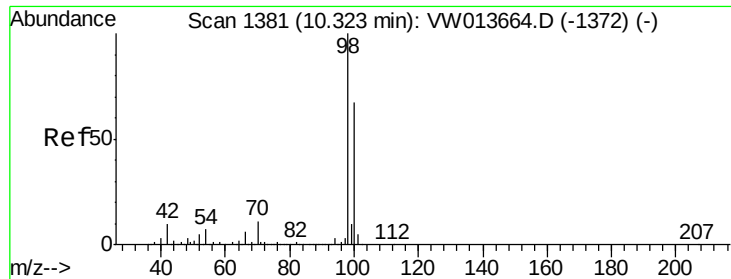
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.6
88	15.8	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 54.981 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013719.D
 Acq: 24 Oct 2019 18:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.6
192	23.5	19.4	29.2





#50

Toluene-d8

Concen: 47.372 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013719.D

Acq: 24 Oct 2019 18:54

Instrument :

MSVOA_W

ClientSampled :

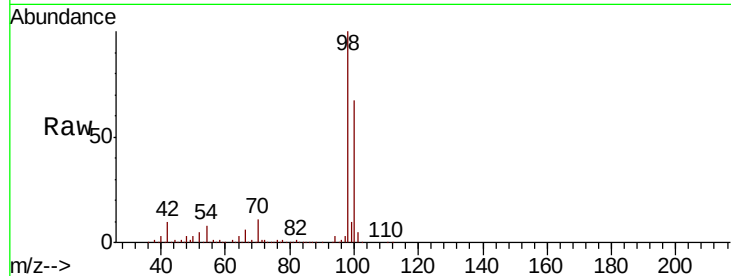
182-66-(2)RE

Tot Ion: 98 Resp: 418674

Ion Ratio Lower Upper

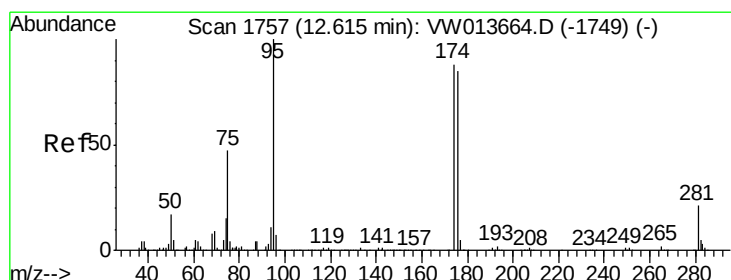
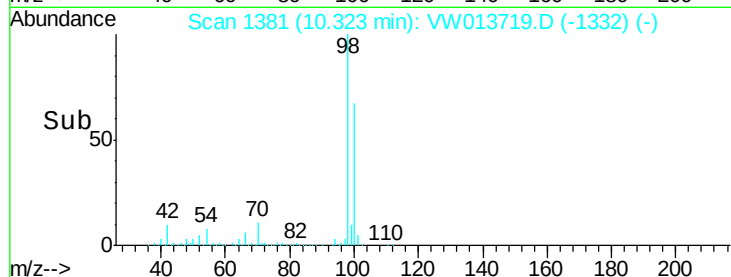
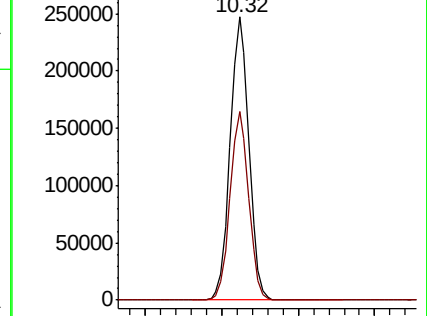
98 100

100 66.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 30.275 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013719.D

Acq: 24 Oct 2019 18:54

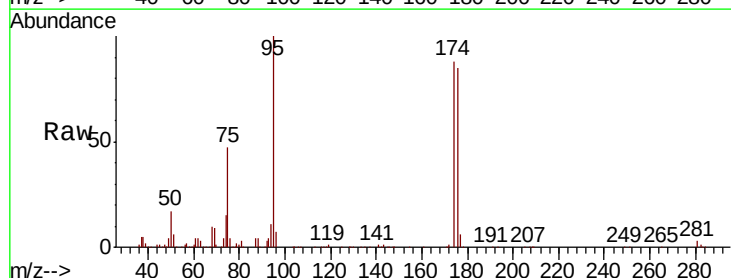
Tgt Ion: 95 Resp: 90601

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.6

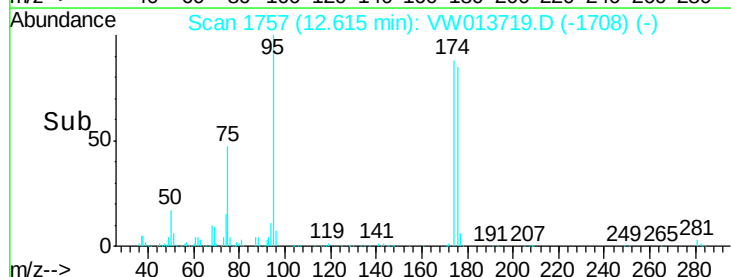
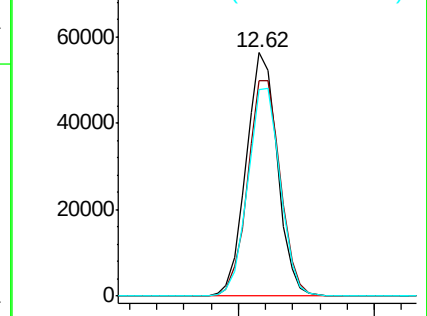
176 88.7 0.0 178.0

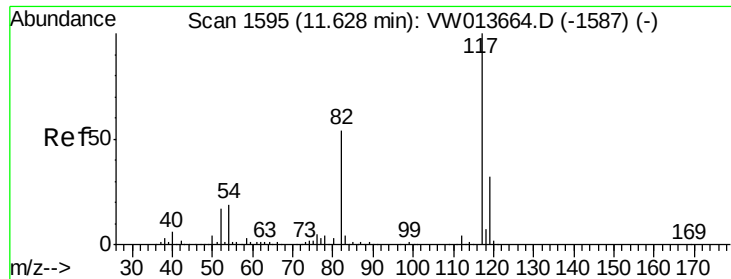


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013719.D

Acq: 24 Oct 2019 18:54

Instrument :

MSVOA_W

ClientSampleId :

182-66-(2)RE

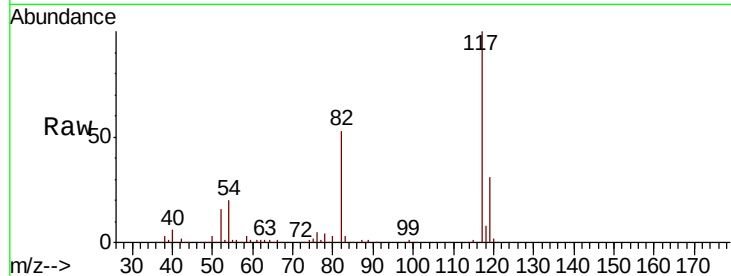
Tot Ion:117 Resp: 268165

Ion Ratio Lower Upper

117 100

82 53.1 43.6 65.4

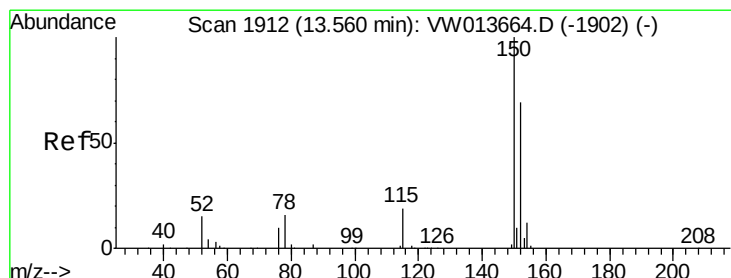
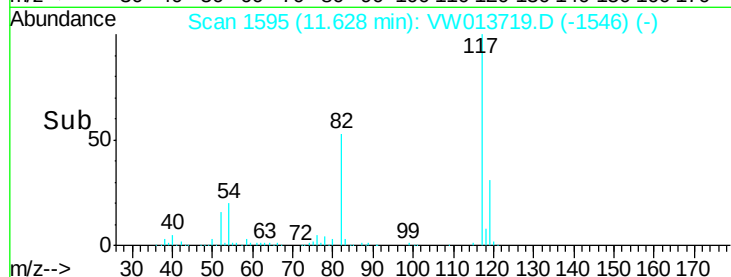
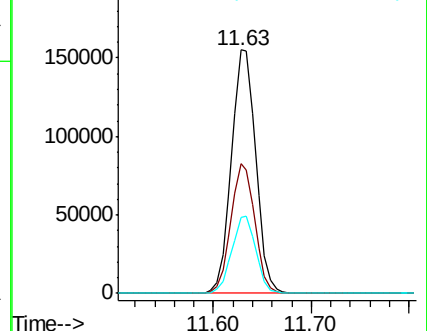
119 31.0 25.4 38.2



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. -0.00 min

Lab File: VW013719.D

Acq: 24 Oct 2019 18:54

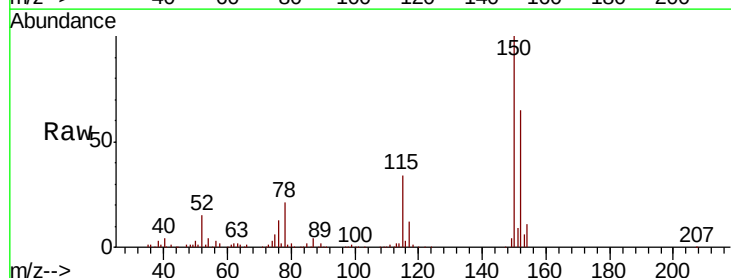
Tgt Ion:152 Resp: 70178

Ion Ratio Lower Upper

152 100

115 52.8 27.4 82.2

150 153.8 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

