

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011066.D
 Acq On : 28 Jun 2019 17:21
 Operator : SY/VA
 Sample : K3552-16
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-8A

Quant Time: Jun 29 03:31:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116442	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	130926	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	7.88	113	99688	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.32	98	411178	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.61	95	133505	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	

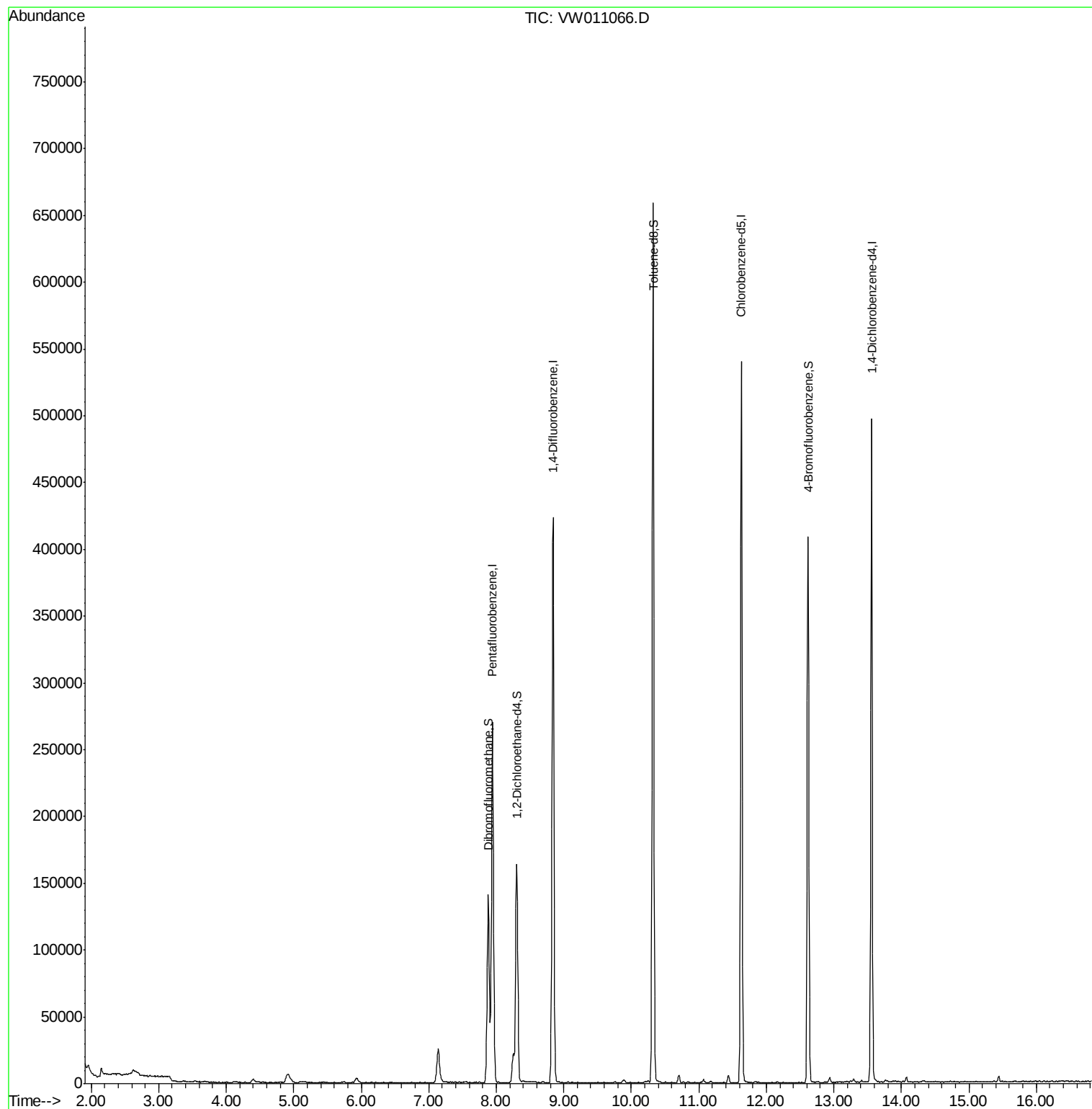
Target Compounds	Qvalue
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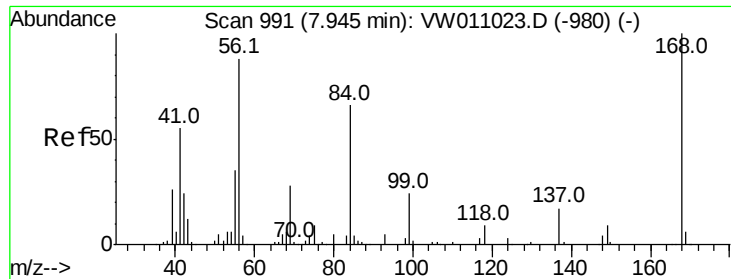
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
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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: VW011066.D

Acq: 28 Jun 2019 17:21

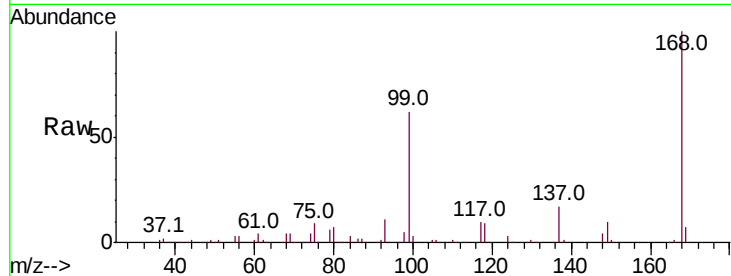
Instrument :
MSVOA_W
ClientSampleId :
M-8A

Tot Ion:168 Resp: 189382

Ion Ratio Lower Upper

168 100

99 62.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

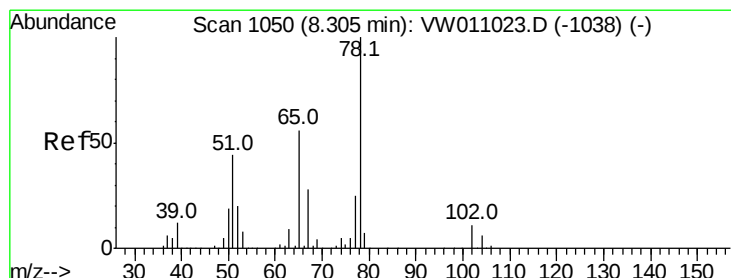
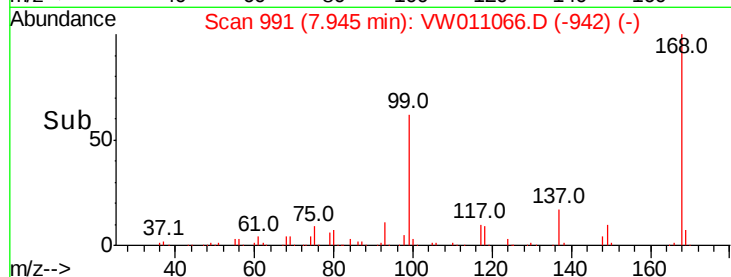
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.884 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011066.D

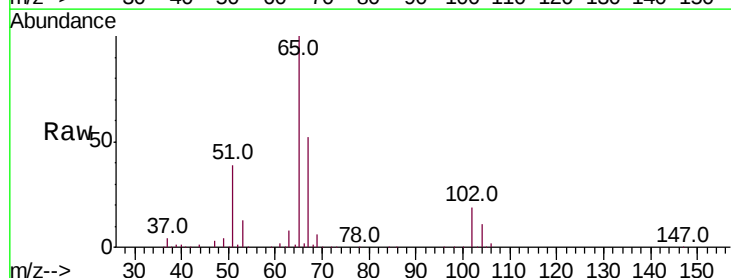
Acq: 28 Jun 2019 17:21

Tgt Ion: 65 Resp: 130926

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

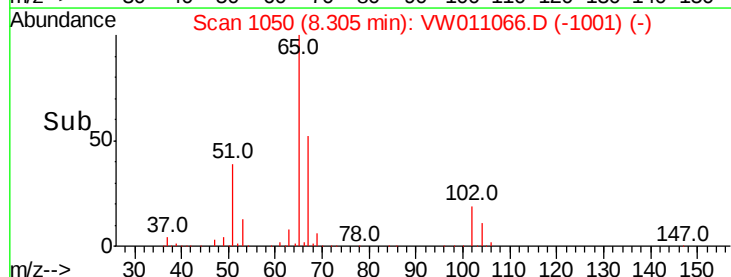
60000

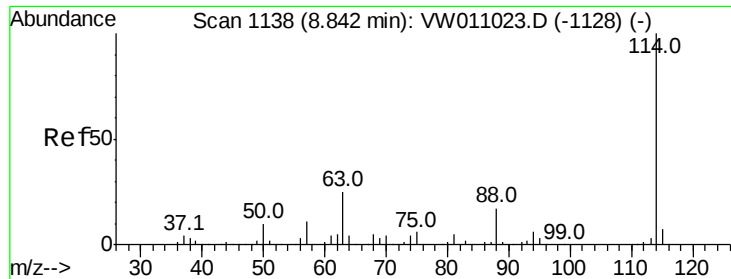
40000

20000

0

Time--> 8.20 8.30 8.40

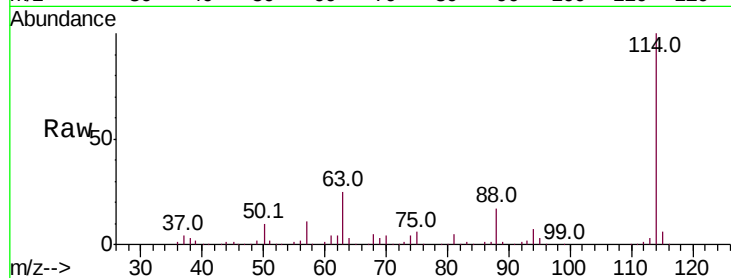




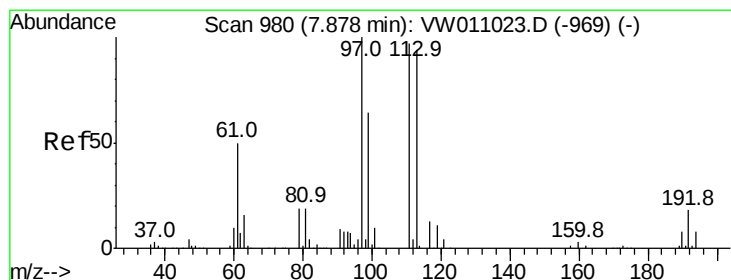
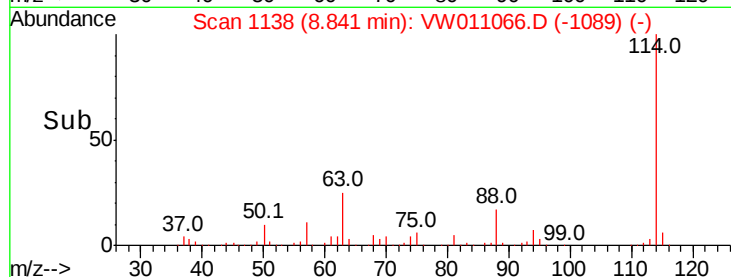
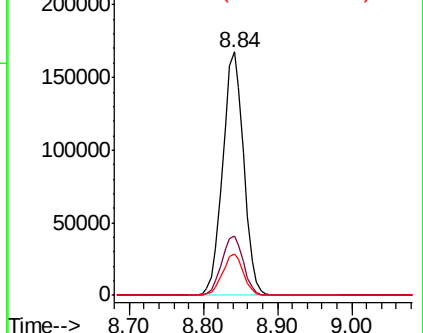
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011066.D
 Acq: 28 Jun 2019 17:21

Instrument :
 MSVOA_W
 ClientSampleId :
 M-8A

Tot Ion:114 Resp: 328565
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.6
 88 16.9 0.0 34.0

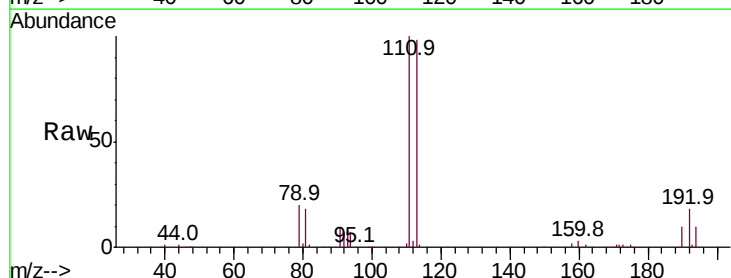


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

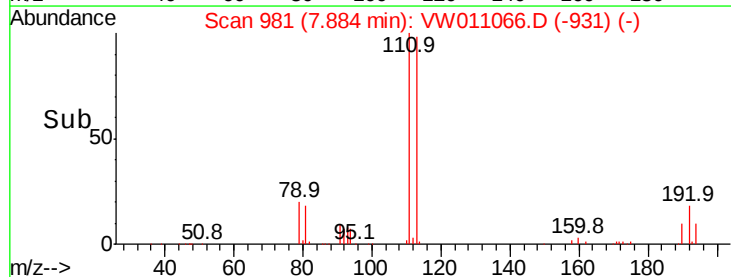
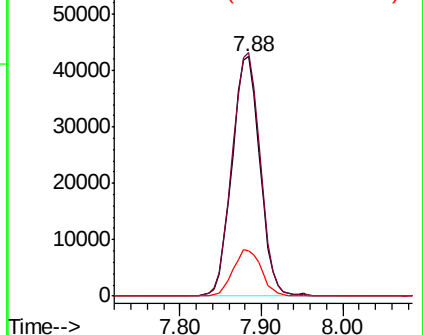


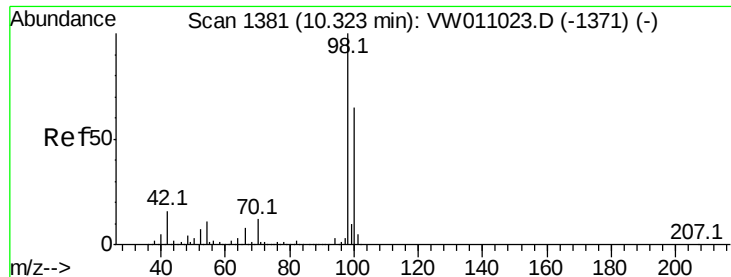
#35
 Dibromofluoromethane
 Concen: 49.686 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011066.D
 Acq: 28 Jun 2019 17:21

Tgt Ion:113 Resp: 99688
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.8 125.6
 192 19.6 16.0 24.0



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: 49.787 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011066.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_W

ClientSampled :

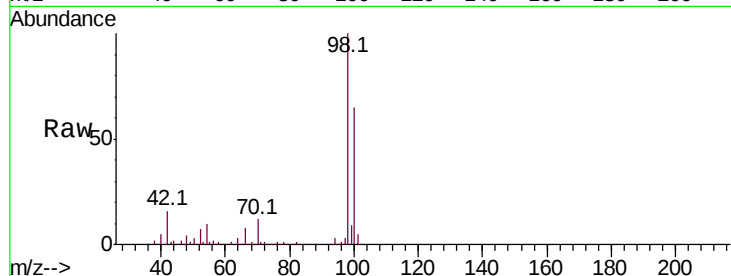
M-8A

Tot Ion: 98 Resp: 411178

Ion Ratio Lower Upper

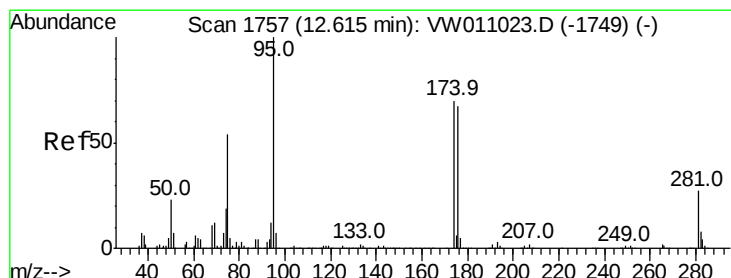
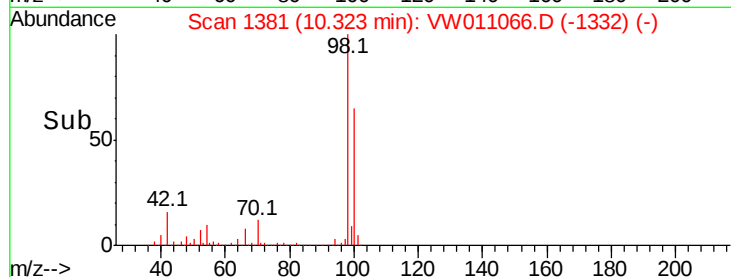
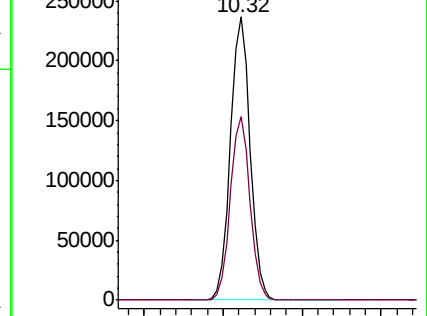
98 100

100 64.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.198 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011066.D

Acq: 28 Jun 2019 17:21

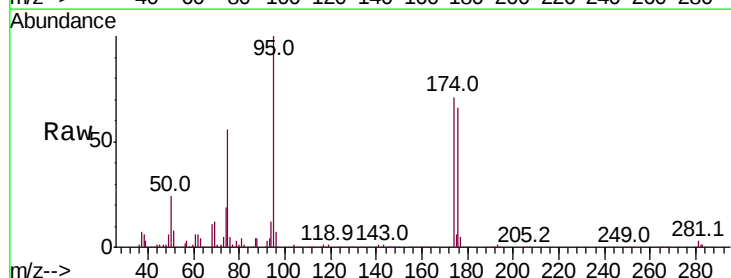
Tgt Ion: 95 Resp: 133505

Ion Ratio Lower Upper

95 100

174 74.5 0.0 149.2

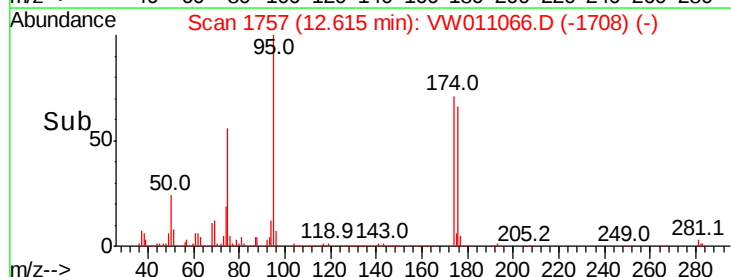
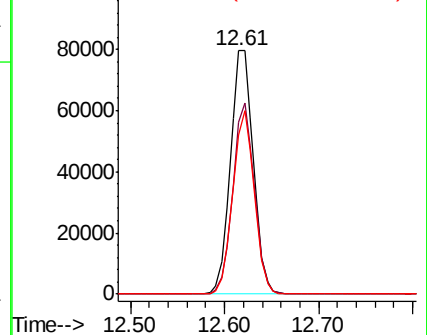
176 71.2 0.0 143.6

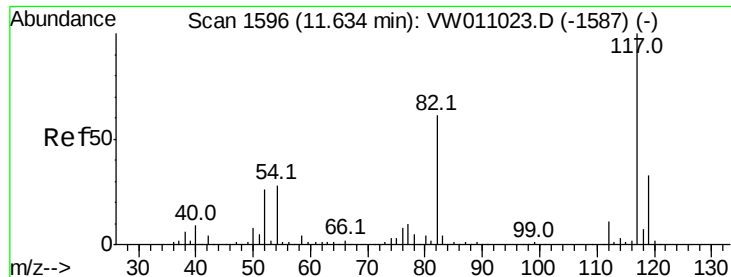


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011066.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

M-8A

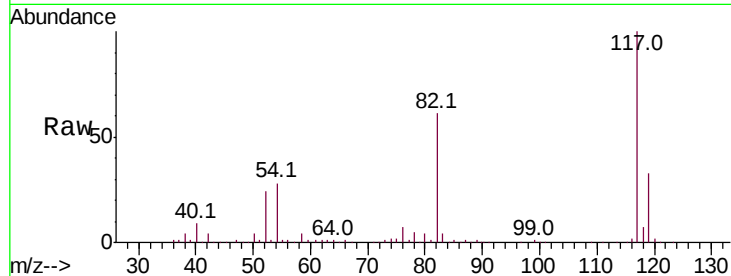
Tot Ion:117 Resp: 277674

Ion Ratio Lower Upper

117 100

82 60.9 48.6 73.0

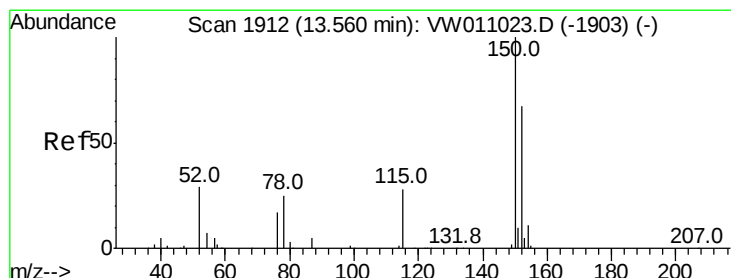
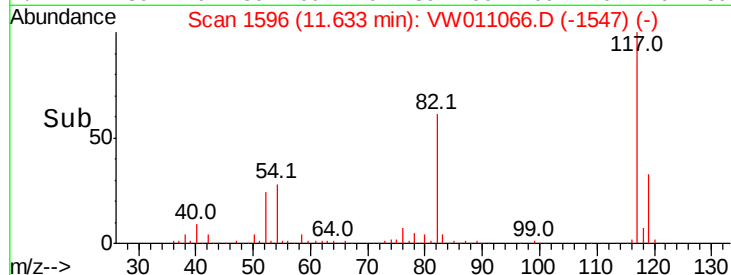
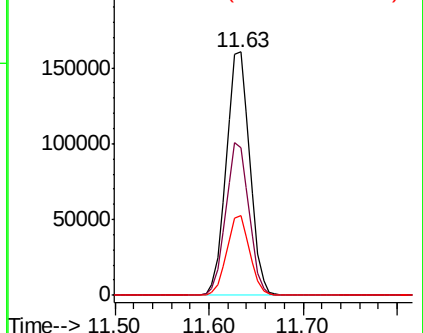
119 32.6 26.1 39.1



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: VW011066.D

Acq: 28 Jun 2019 17:21

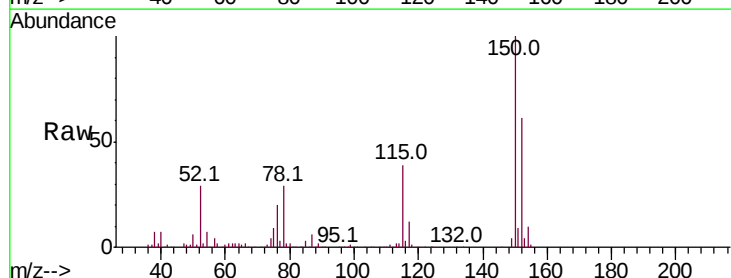
Tgt Ion:152 Resp: 116442

Ion Ratio Lower Upper

152 100

115 61.8 30.7 92.1

150 158.6 0.0 341.8



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

