

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070419\
 Data File : VW011147.D
 Acq On : 03 Jul 2019 18:32
 Operator : SY/VA
 Sample : K3668-09
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TRANSFORMER-T2

Quant Time: Jul 04 05:17:04 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	195268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122063	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	133452	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	7.88	113	99836	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.32	98	417212	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	136578	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	

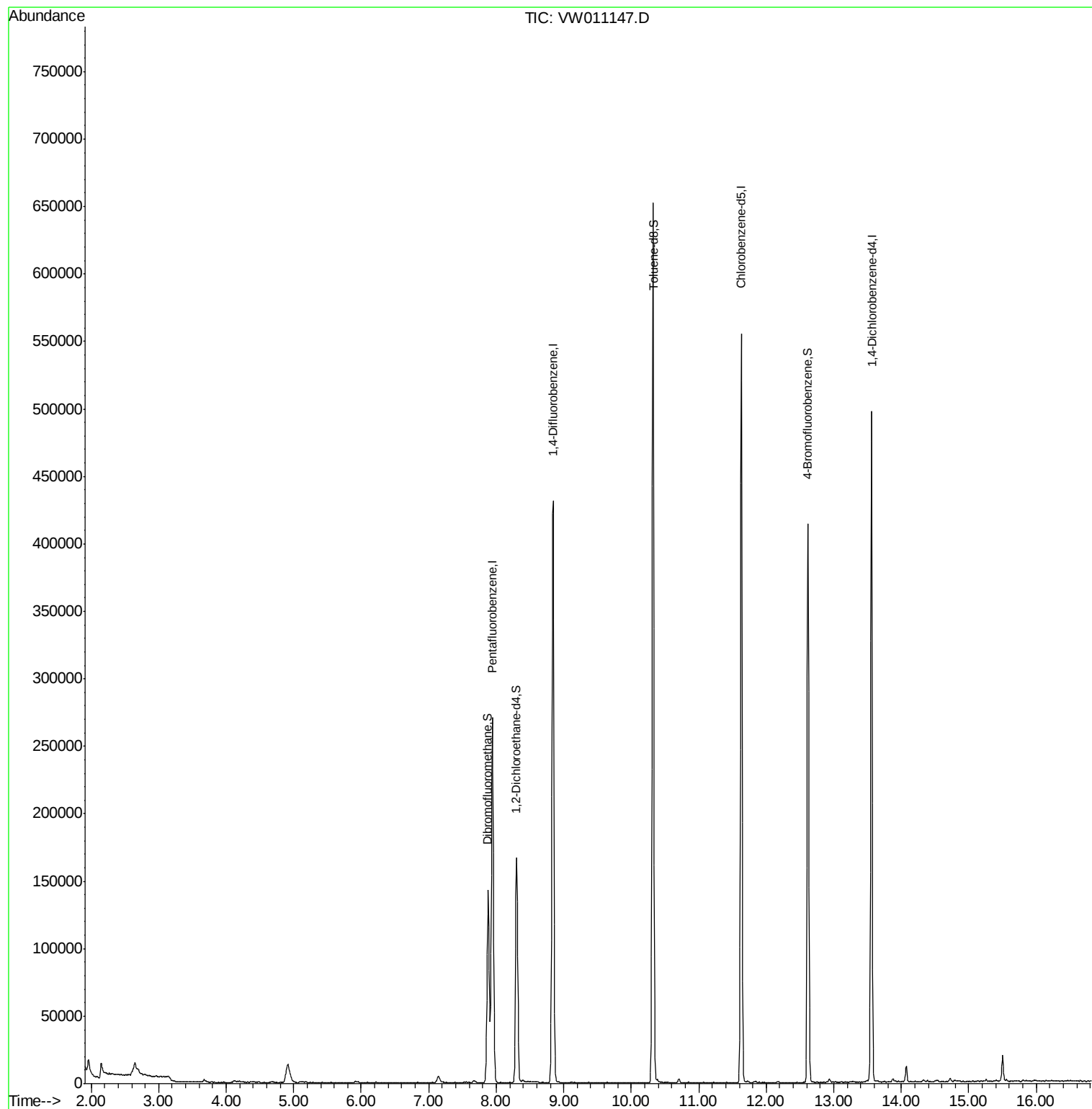
Target Compounds	Qvalue

(#) = 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: VW011147.D

Acq: 03 Jul 2019 18:32

Instrument :

MSVOA_W

ClientSampleId :

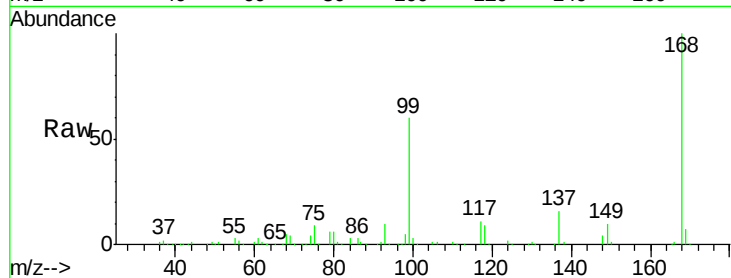
TRANSFORMER-T2

Tot Ion:168 Resp: 195268

Ion Ratio Lower Upper

168 100

99 59.9 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

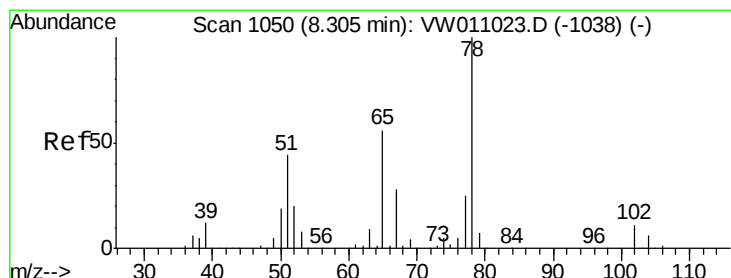
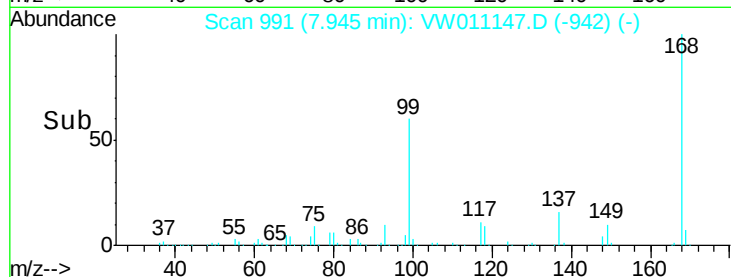
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.279 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011147.D

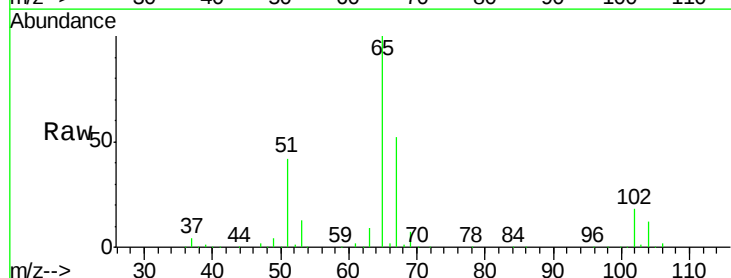
Acq: 03 Jul 2019 18:32

Tgt Ion: 65 Resp: 133452

Ion Ratio Lower Upper

65 100

67 51.2 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

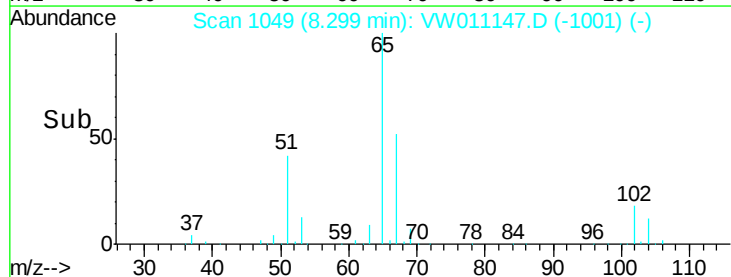
60000

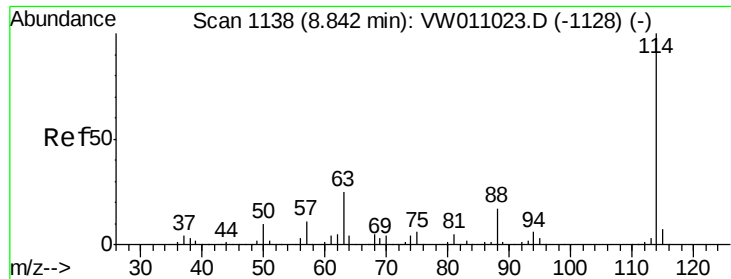
40000

20000

0

Time--> 8.20 8.30 8.40

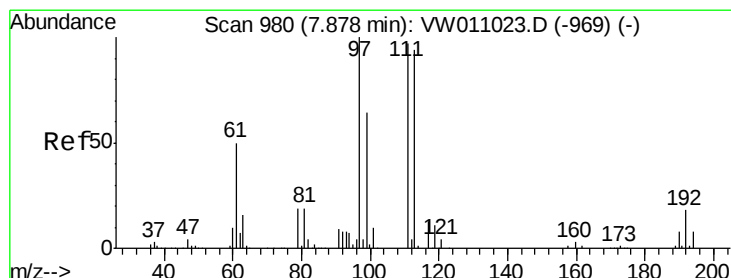
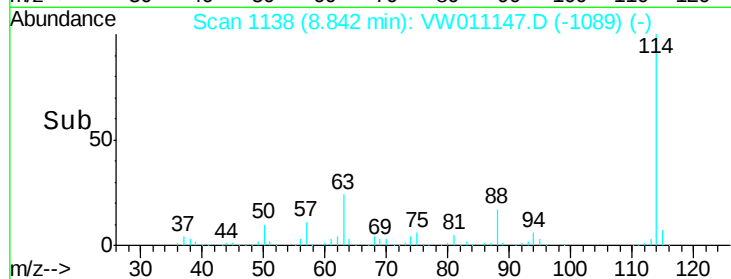
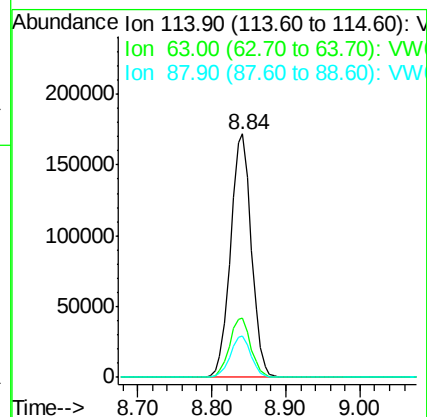
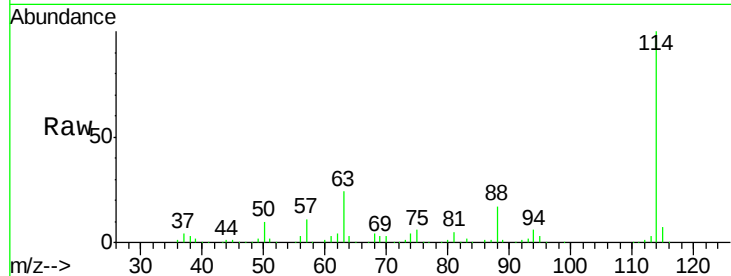




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011147.D
Acq: 03 Jul 2019 18:32

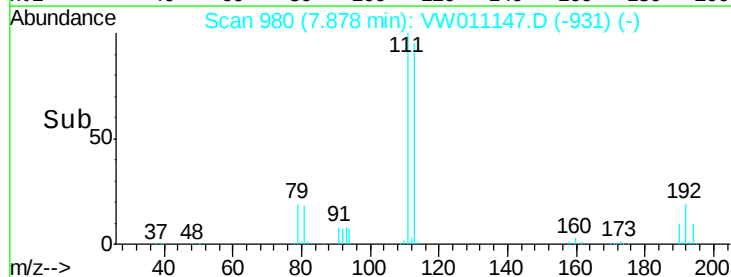
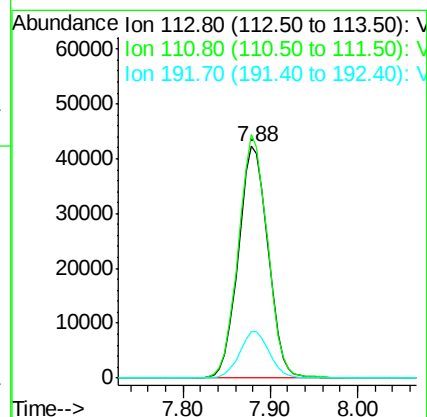
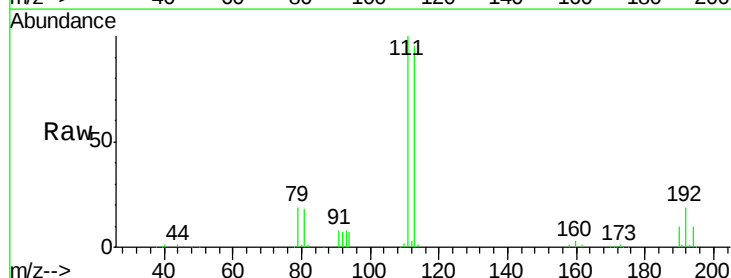
Instrument :
MSVOA_W
ClientSampleId :
TRANSFORMER-T2

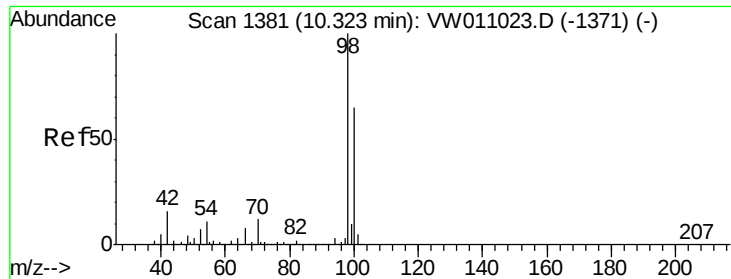
Tot Ion:114 Resp: 336113
Ion Ratio Lower Upper
114 100
63 24.3 0.0 50.6
88 17.1 0.0 34.0



#35
Dibromofluoromethane
Concen: 48.643 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW011147.D
Acq: 03 Jul 2019 18:32

Tgt Ion:113 Resp: 99836
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 20.0 16.0 24.0





#50

Toluene-d8

Concen: 49.384 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

Instrument :

MSVOA_W

ClientSampleId :

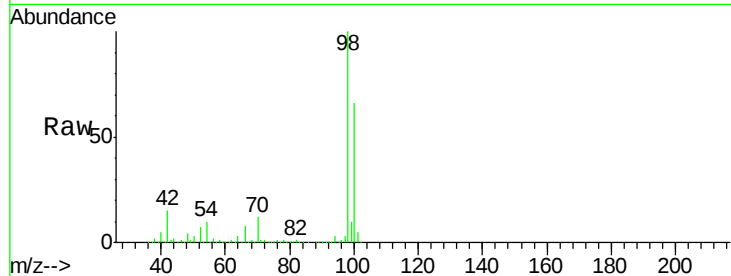
TRANSFORMER-T2

Tot Ion: 98 Resp: 417212

Ion Ratio Lower Upper

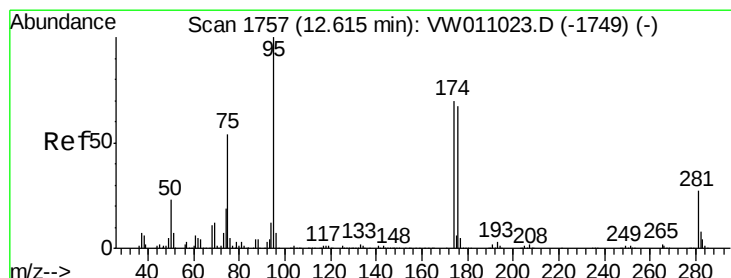
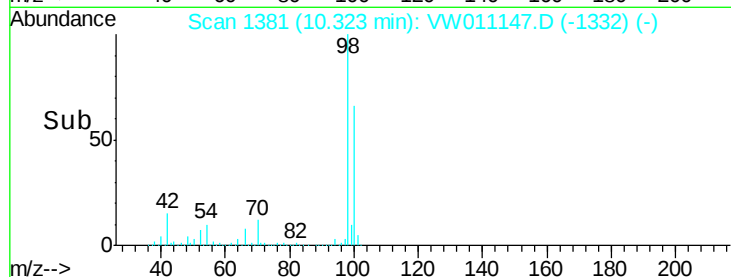
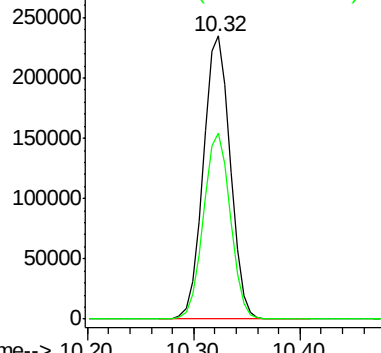
98 100

100 65.6 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: 44.200 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

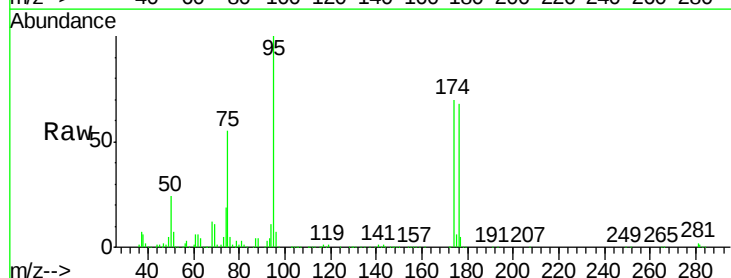
Tgt Ion: 95 Resp: 136578

Ion Ratio Lower Upper

95 100

174 73.7 0.0 149.2

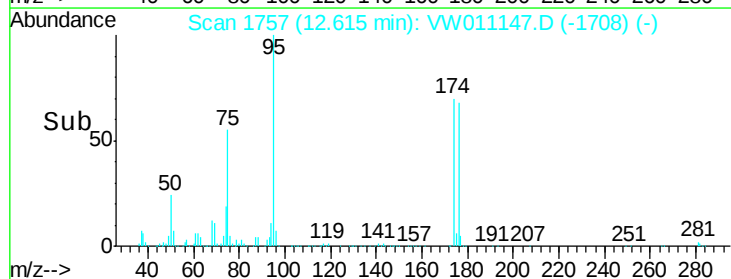
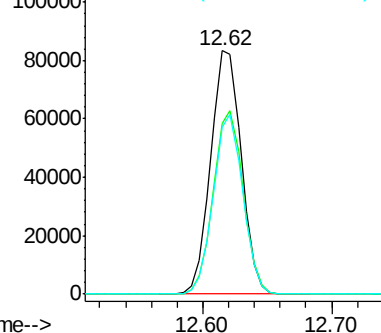
176 71.3 0.0 143.6

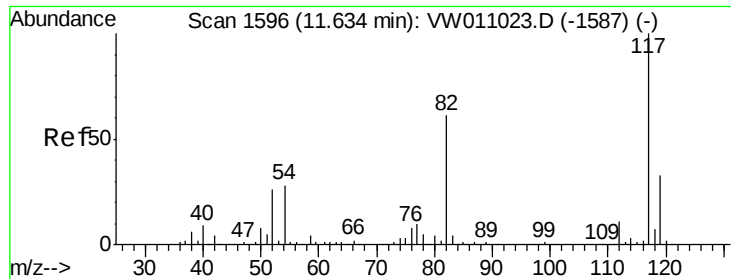


Abundance Ion 94.90 (94.60 to 95.60): VW

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# 1595

Delta R.T. -0.01 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

Instrument :

MSVOA_W

ClientSampleId :

TRANSFORMER-T2

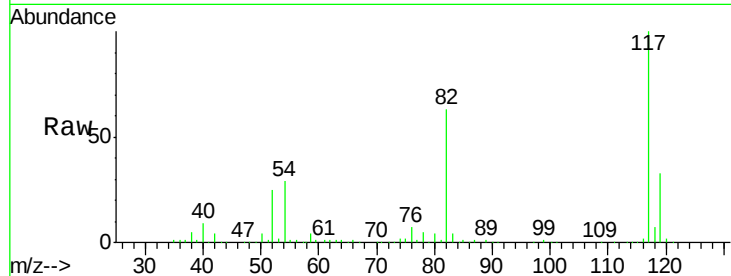
Tot Ion:117 Resp: 282007

Ion Ratio Lower Upper

117 100

82 62.8 48.6 73.0

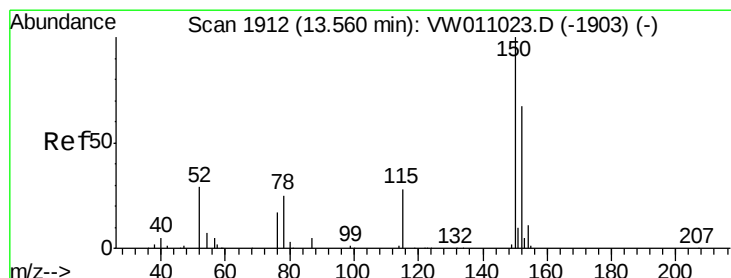
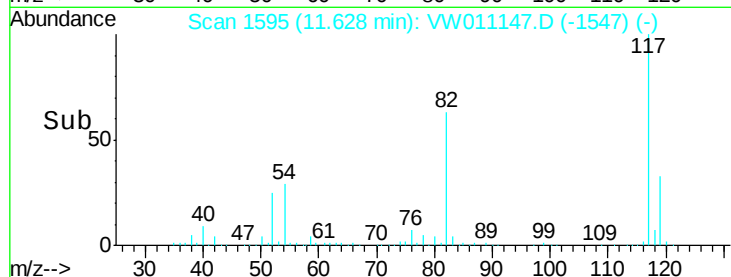
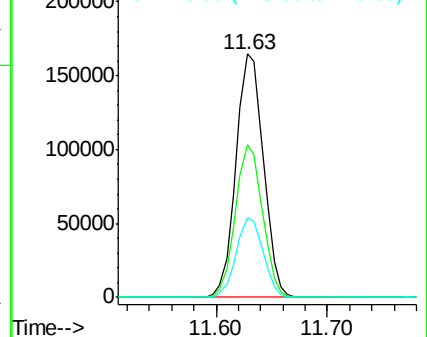
119 32.6 26.1 39.1



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: VW011147.D

Acq: 03 Jul 2019 18:32

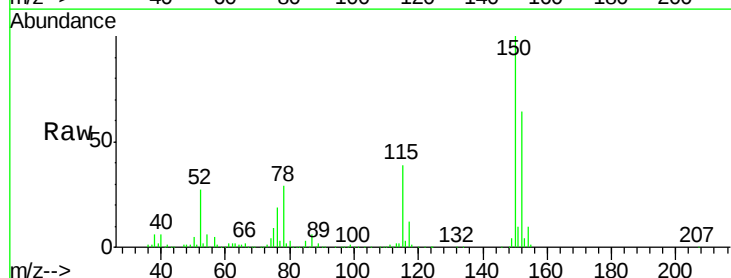
Tgt Ion:152 Resp: 122063

Ion Ratio Lower Upper

152 100

115 60.7 30.7 92.1

150 155.7 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

