

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012328.D
 Acq On : 30 Aug 2019 03:15
 Operator : SY/VA
 Sample : K4568-15
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-36-10.5-11.0

Quant Time: Aug 30 09:39:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	256495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	210777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79822	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	96685	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	7.88	113	77966	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.32	98	311736	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	96198	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	

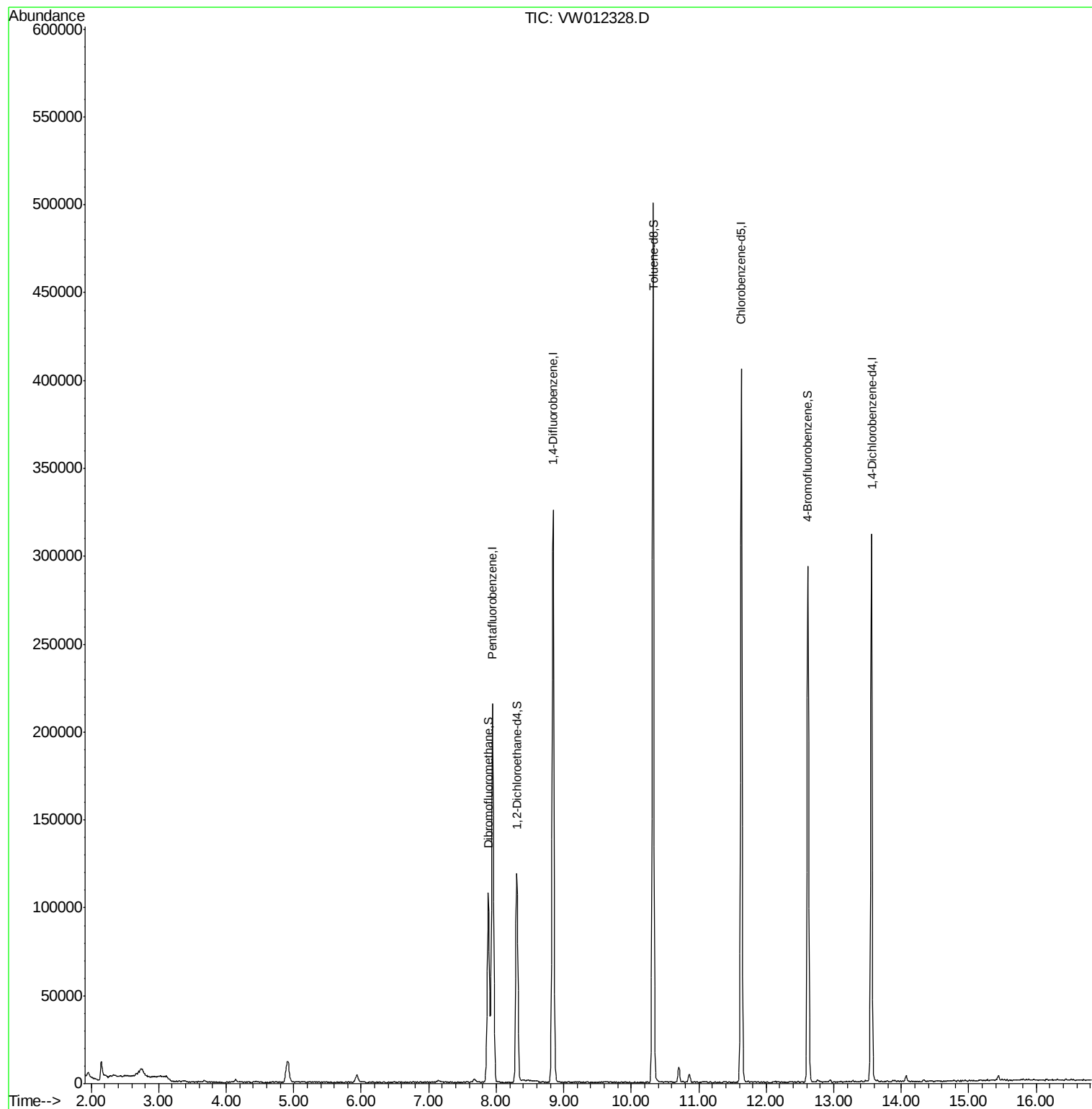
Target Compounds	Qvalue

(#) = 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: VW012328.D

Acq: 30 Aug 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

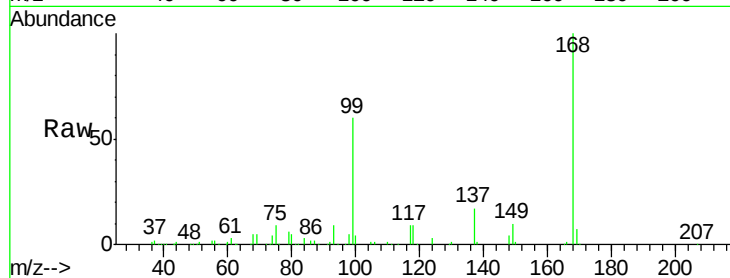
SB-36-10.5-11.0

Tot Ion:168 Resp: 156078

Ion Ratio Lower Upper

168 100

99 59.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

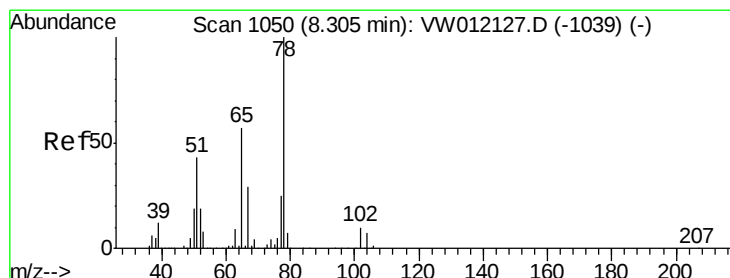
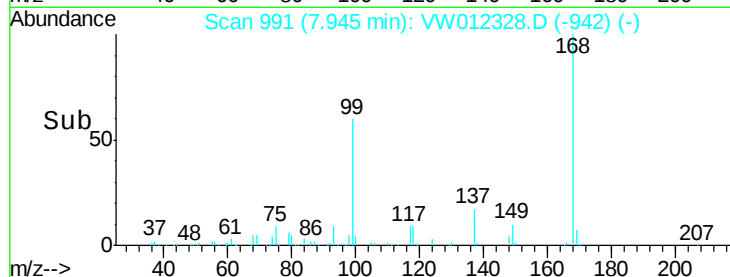
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.110 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012328.D

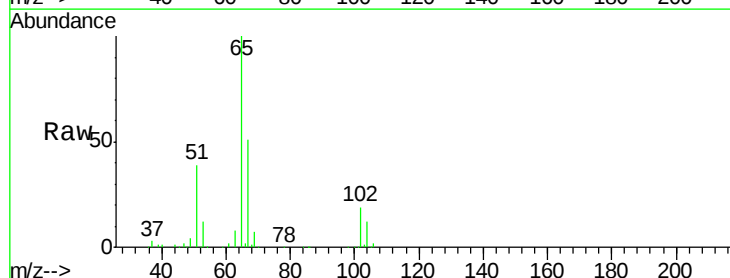
Acq: 30 Aug 2019 03:15

Tgt Ion: 65 Resp: 96685

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

30000

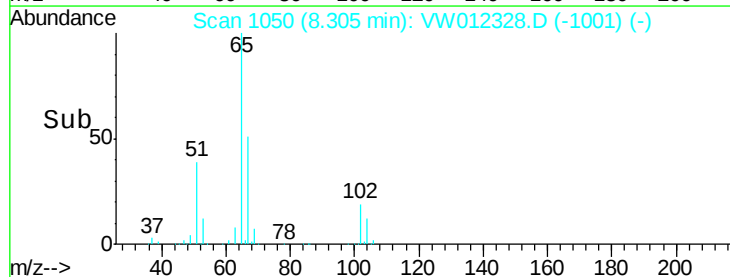
20000

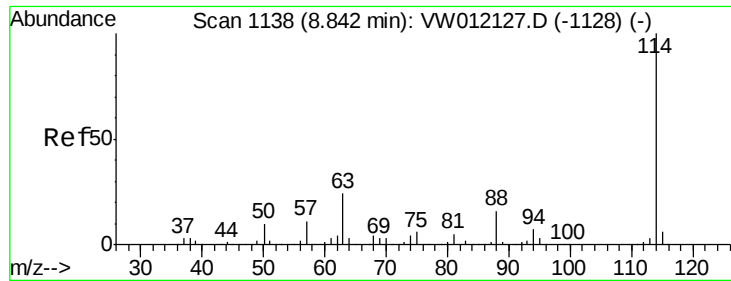
10000

0

8.20 8.30 8.40

Time-->

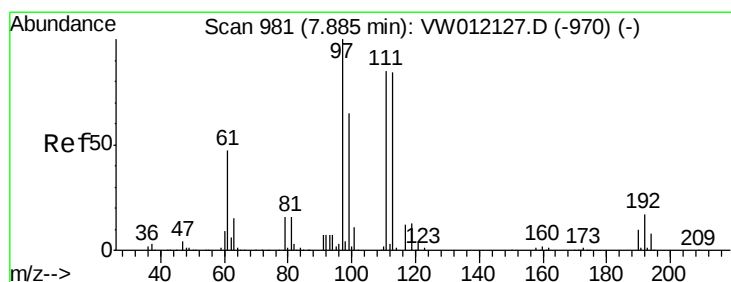
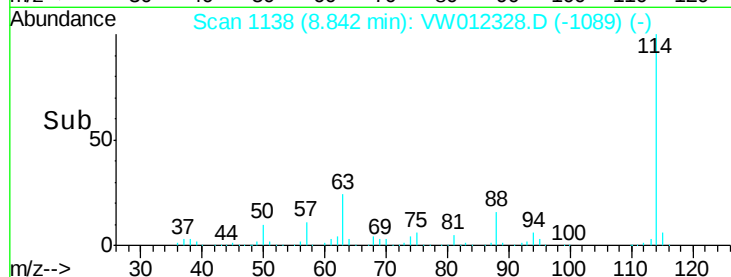
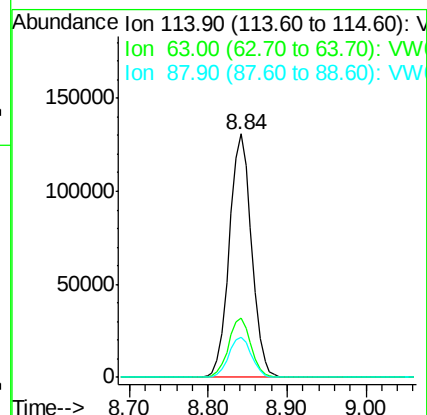
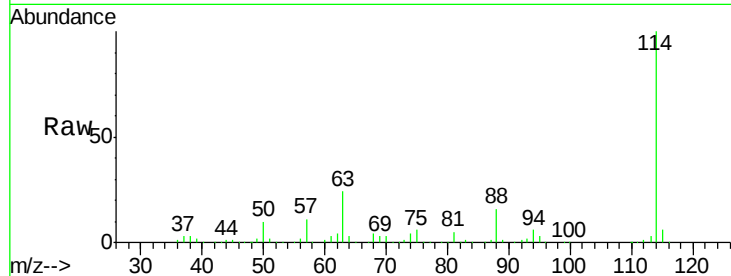




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012328.D
 Acq: 30 Aug 2019 03:15

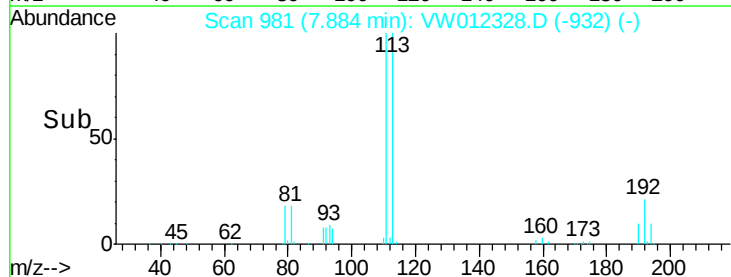
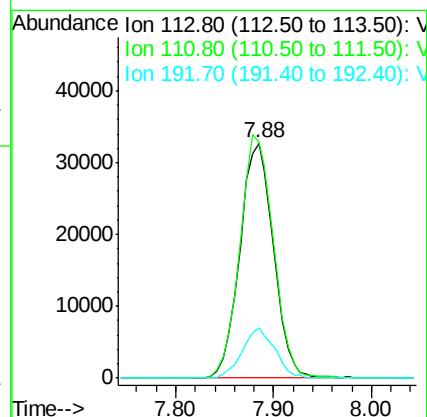
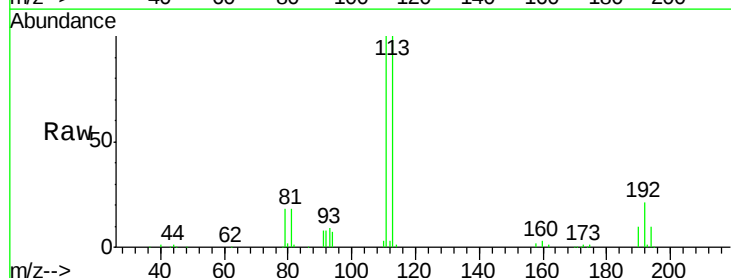
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-36-10.5-11.0

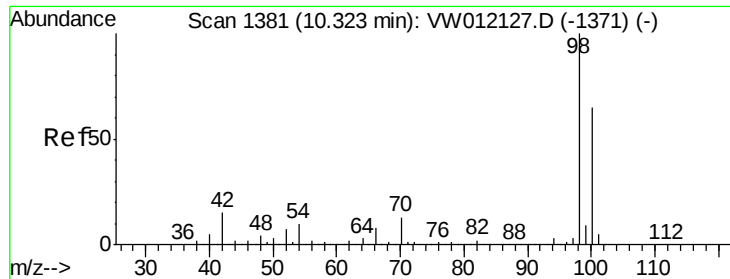
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	48.6
88	16.3	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 50.924 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012328.D
 Acq: 30 Aug 2019 03:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	20.7	16.2	24.2





#50

Toluene-d8

Concen: 50.216 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012328.D

Acq: 30 Aug 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

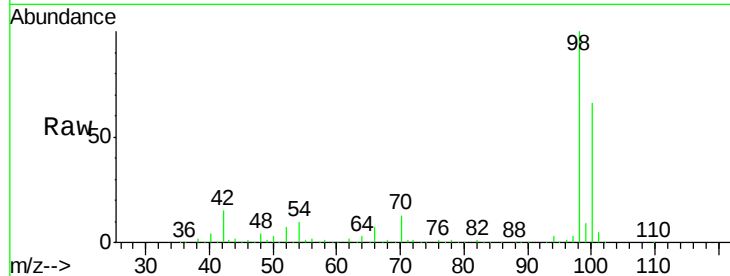
SB-36-10.5-11.0

Tot Ion: 98 Resp: 311736

Ion Ratio Lower Upper

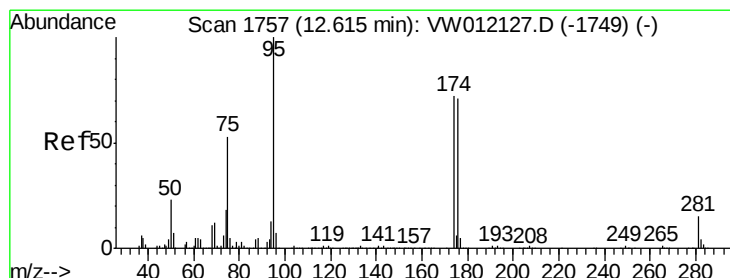
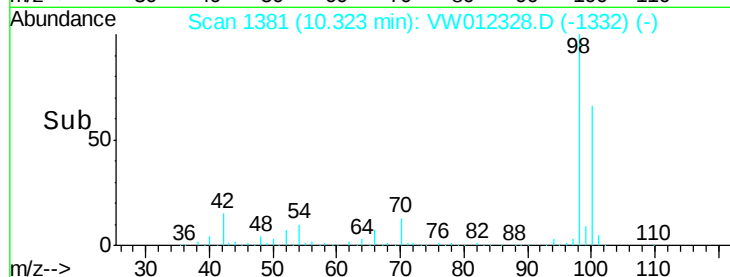
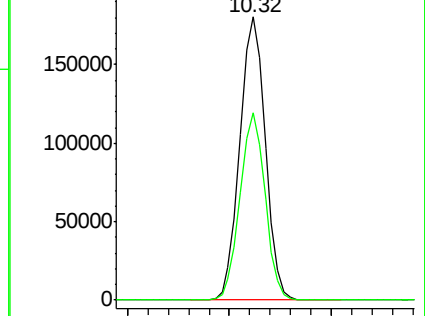
98 100

100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.961 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012328.D

Acq: 30 Aug 2019 03:15

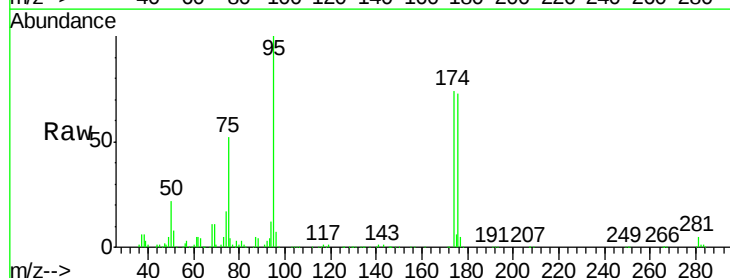
Tgt Ion: 95 Resp: 96198

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.8

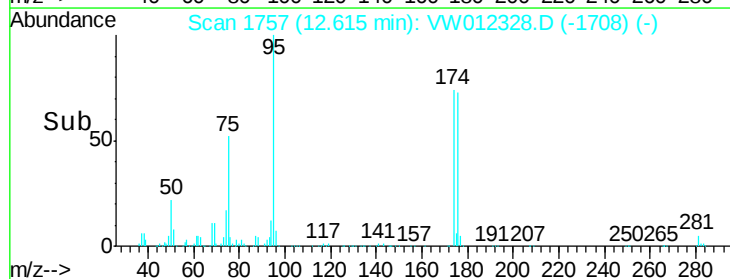
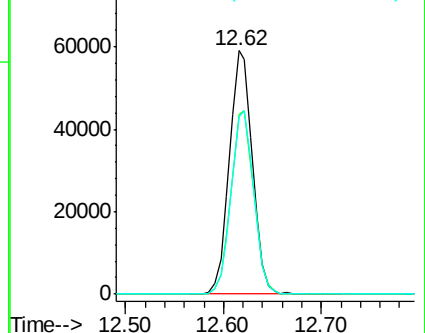
176 74.5 0.0 148.6

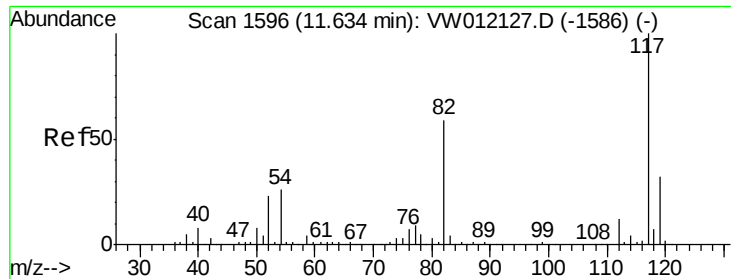


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW012328.D

Acq: 30 Aug 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

SB-36-10.5-11.0

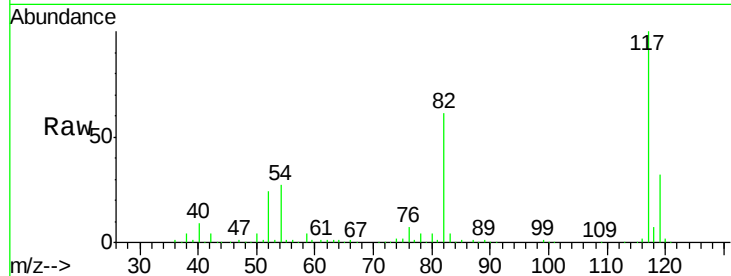
Tot Ion:117 Resp: 210777

Ion Ratio Lower Upper

117 100

82 61.4 47.4 71.2

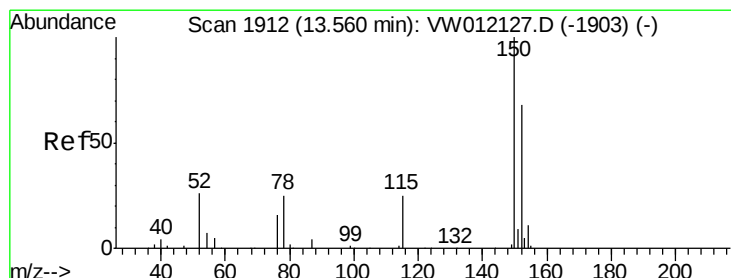
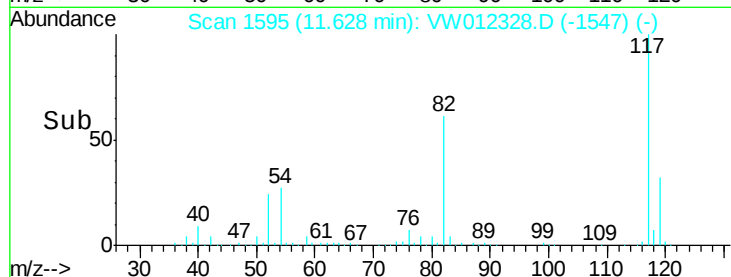
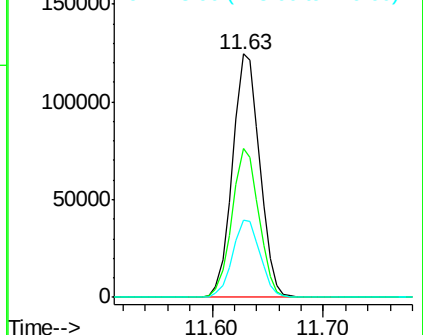
119 31.7 25.4 38.2



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: VW012328.D

Acq: 30 Aug 2019 03:15

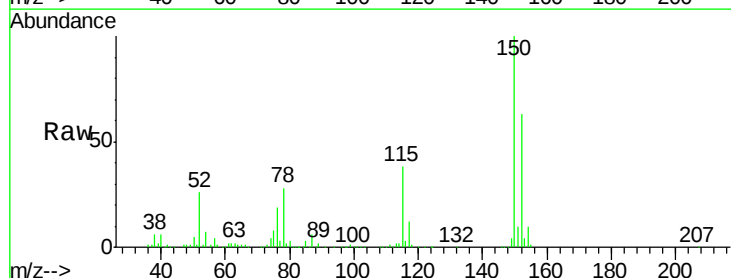
Tgt Ion:152 Resp: 79822

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

150 156.0 0.0 345.8



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

