

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012783.D
 Acq On : 08 Sep 2019 21:11
 Operator : SY/VA
 Sample : K4636-15
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-32-10.5-11.0

Quant Time: Sep 09 08:22:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105116	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115269	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	7.88	113	89556	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.32	98	349102	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	109761	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	

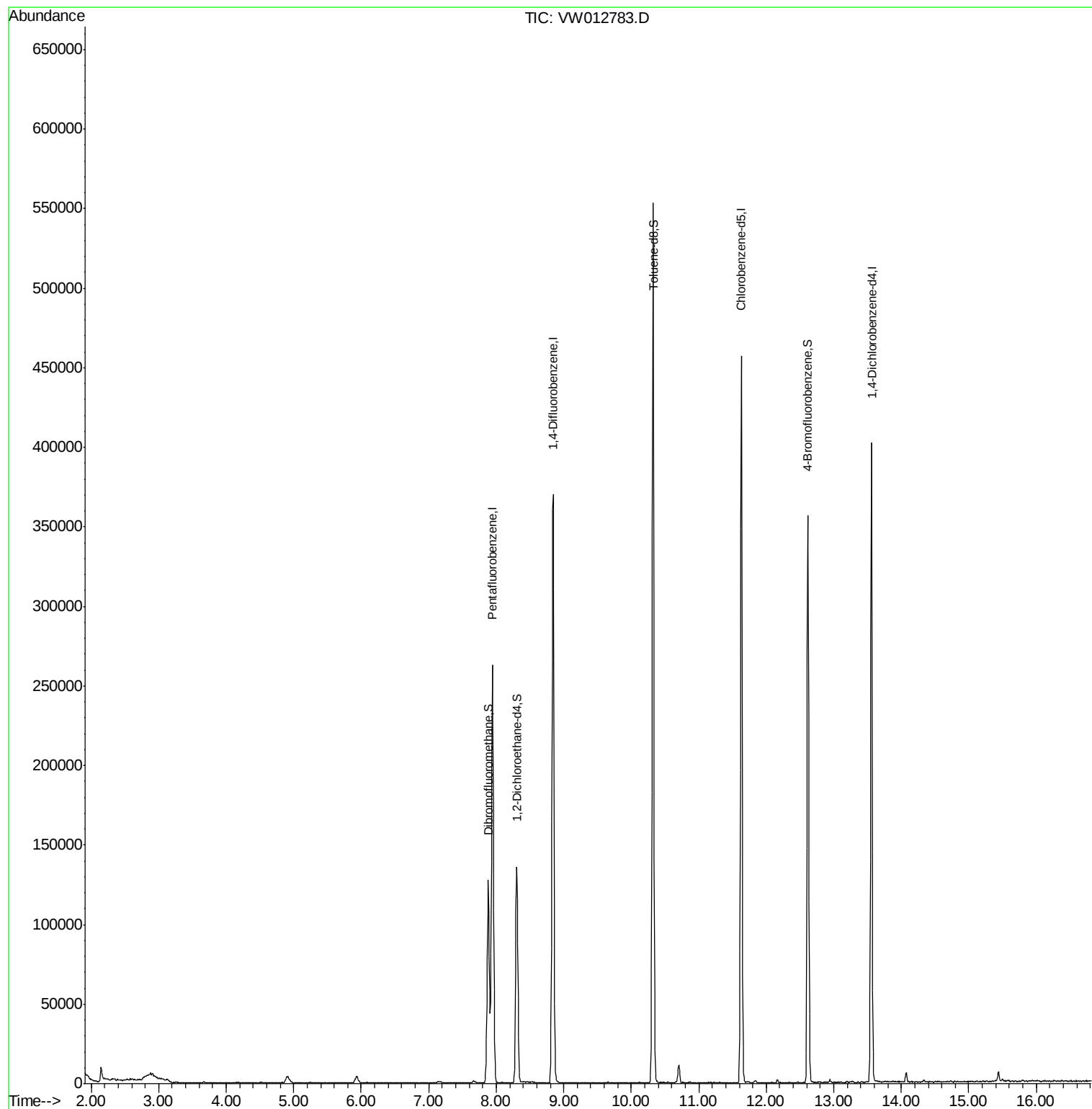
Target Compounds	Qvalue
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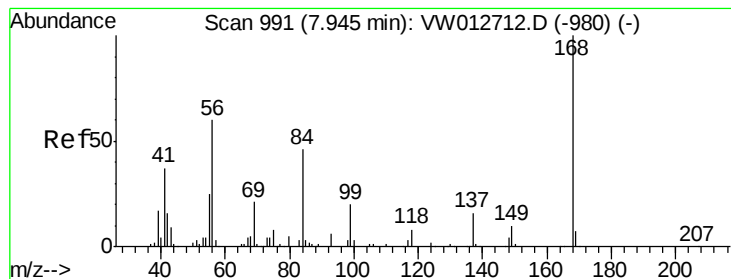
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

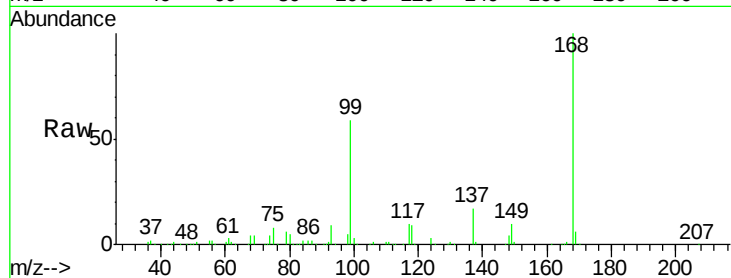
SB-32-10.5-11.0

Tot Ion:168 Resp: 193953

Ion Ratio Lower Upper

168 100

99 59.2 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

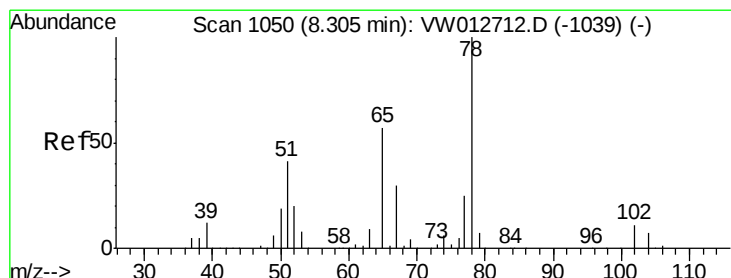
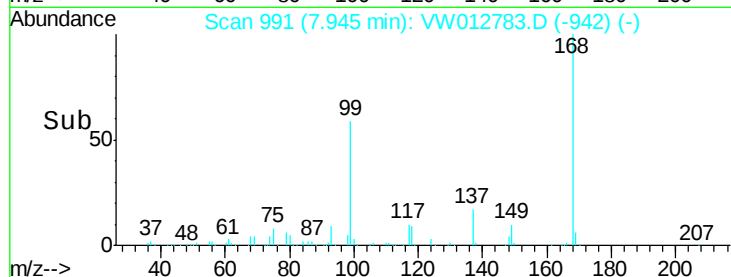
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.191 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012783.D

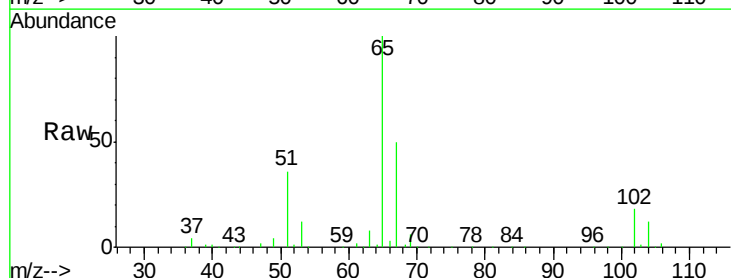
Acq: 08 Sep 2019 21:11

Tgt Ion: 65 Resp: 115269

Ion Ratio Lower Upper

65 100

67 49.1 0.0 101.8



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

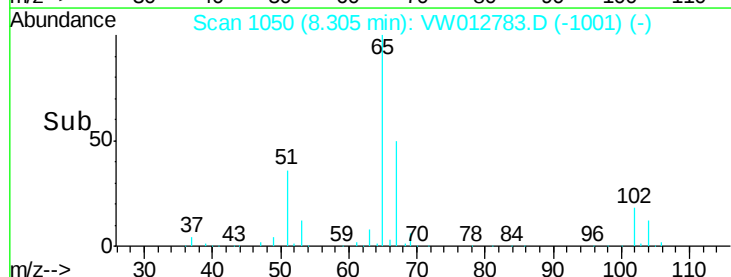
20000

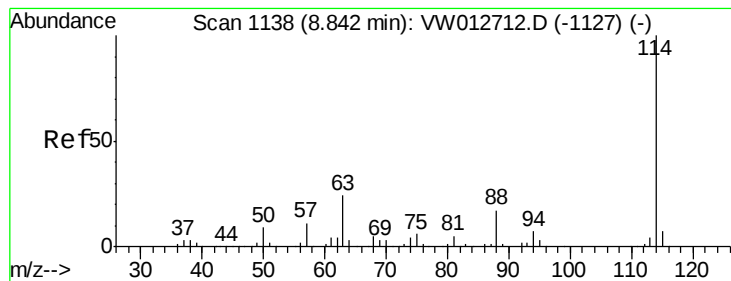
10000

0

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: VW012783.D

Acq: 08 Sep 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

SB-32-10.5-11.0

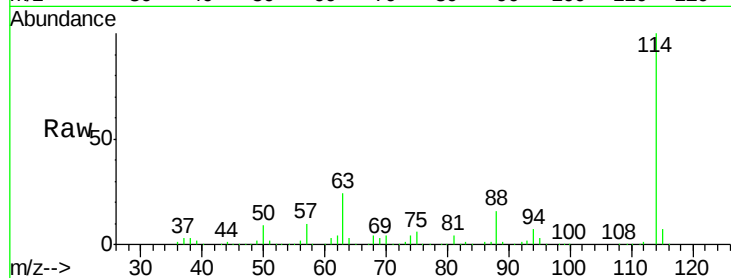
Tot Ion:114 Resp: 297451

Ion Ratio Lower Upper

114 100

63 24.3 0.0 47.2

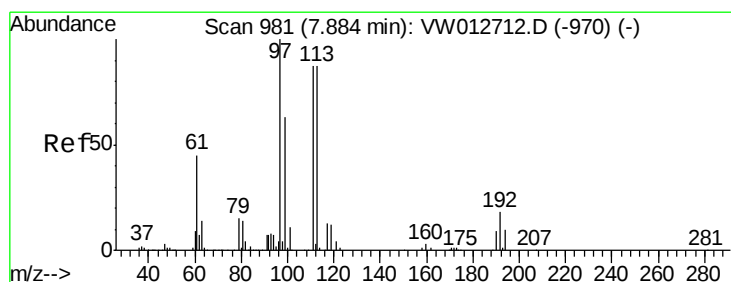
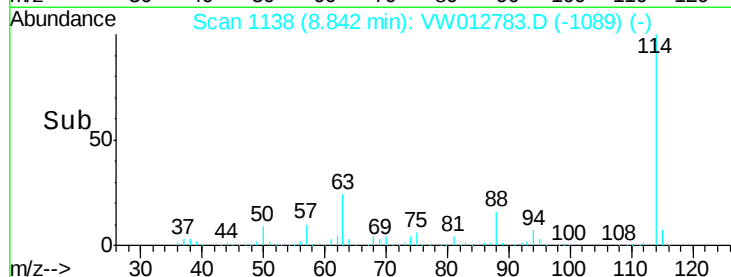
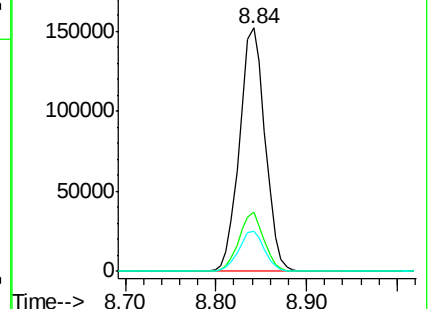
88 16.3 0.0 34.0



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: 50.642 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012783.D

Acq: 08 Sep 2019 21:11

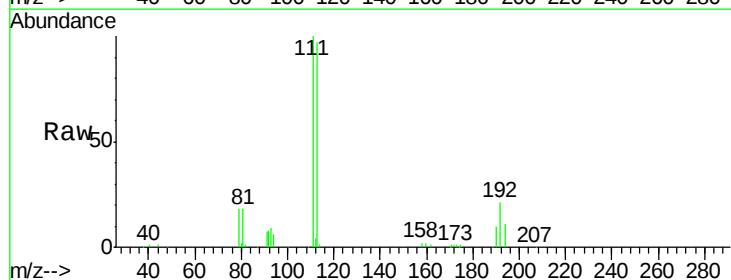
Tgt Ion:113 Resp: 89556

Ion Ratio Lower Upper

113 100

111 102.2 80.2 120.4

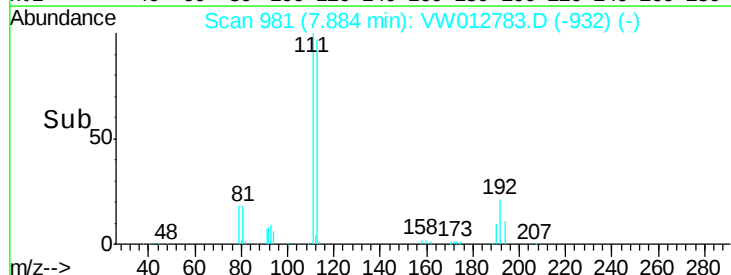
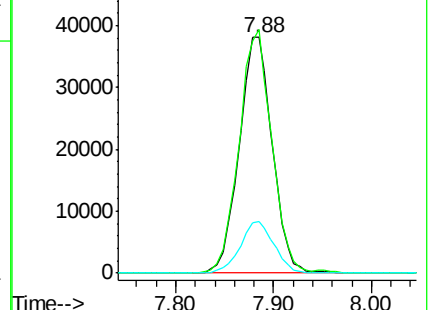
192 22.3 17.3 25.9

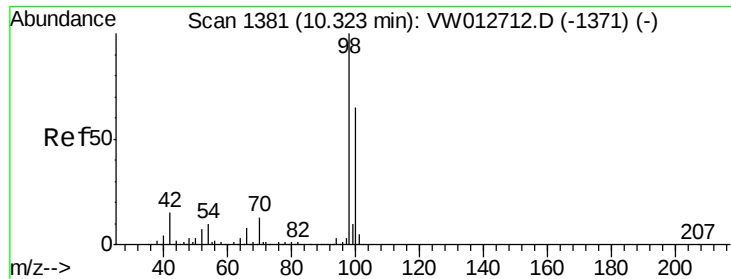


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.388 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012783.D

Acq: 08 Sep 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

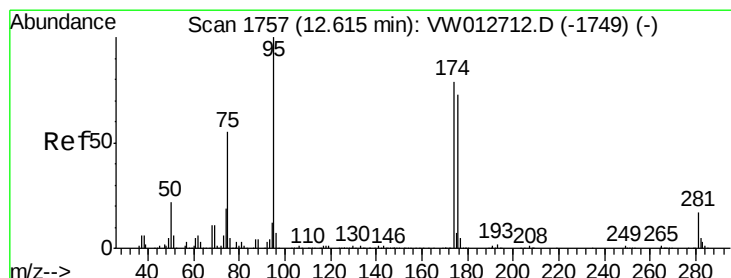
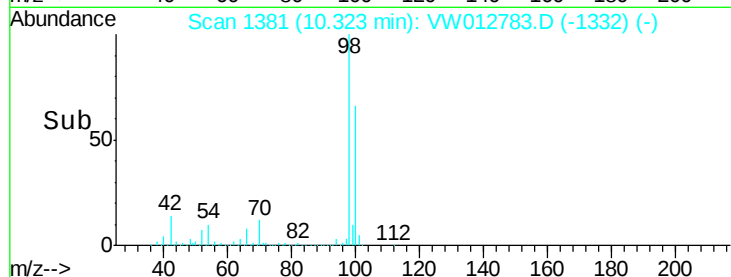
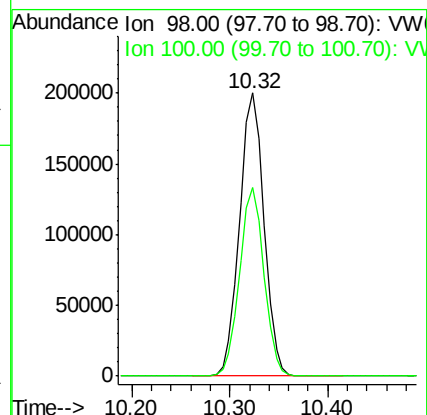
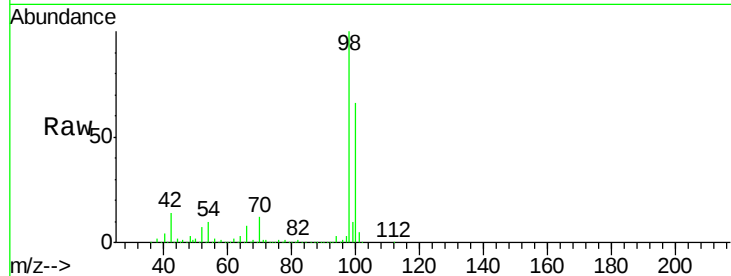
SB-32-10.5-11.0

Tot Ion: 98 Resp: 349102

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 43.639 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012783.D

Acq: 08 Sep 2019 21:11

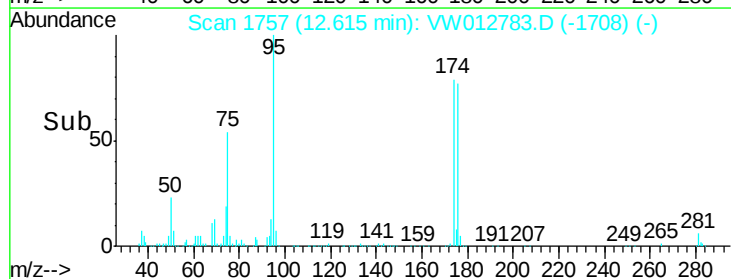
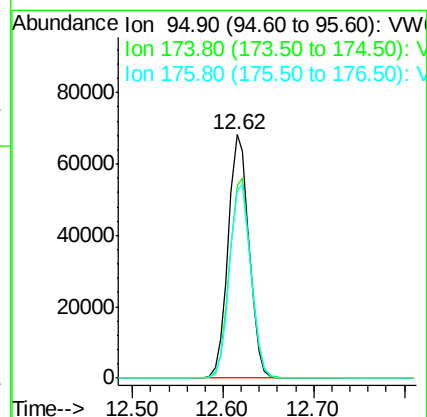
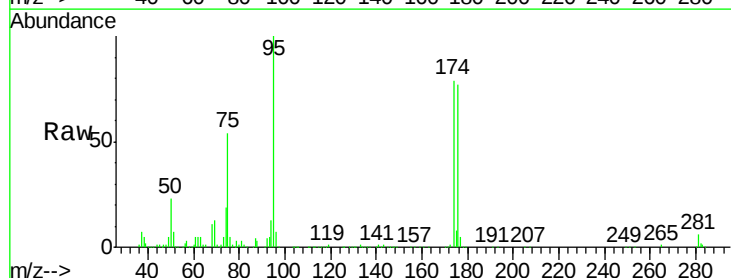
Tgt Ion: 95 Resp: 109761

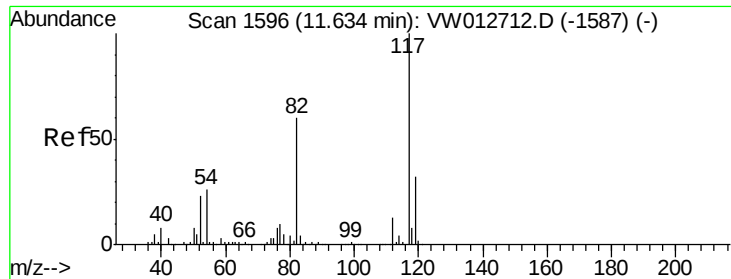
Ion Ratio Lower Upper

95 100

174 83.5 0.0 161.0

176 80.8 0.0 156.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW012783.D

Acq: 08 Sep 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

SB-32-10.5-11.0

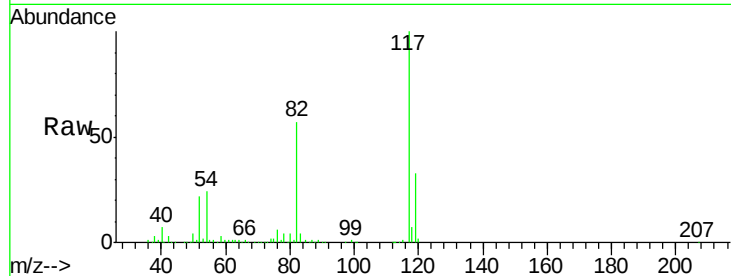
Tot Ion:117 Resp: 246059

Ion Ratio Lower Upper

117 100

82 56.6 48.2 72.4

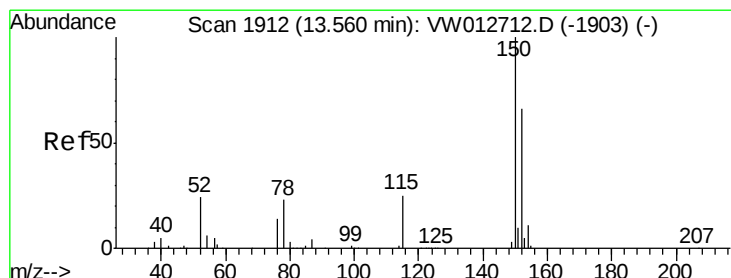
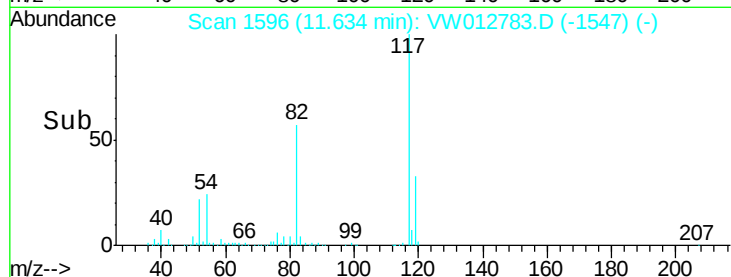
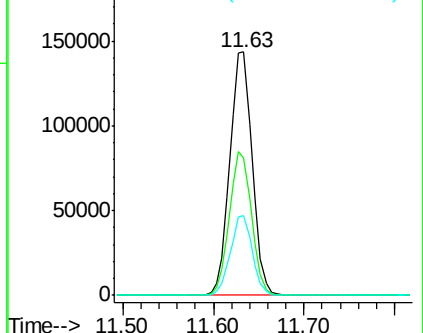
119 32.6 25.8 38.6



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: VW012783.D

Acq: 08 Sep 2019 21:11

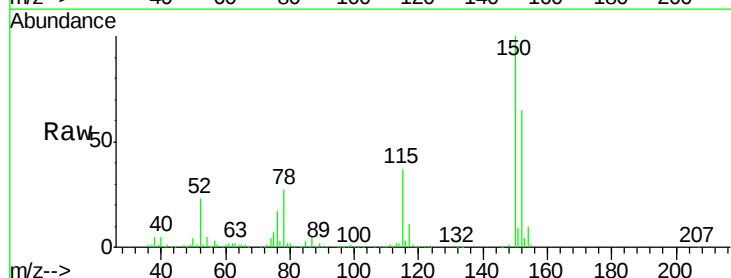
Tgt Ion:152 Resp: 105116

Ion Ratio Lower Upper

152 100

115 57.4 30.0 90.1

150 155.1 0.0 349.0



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

