

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011754.D
 Acq On : 07 Aug 2019 16:31
 Operator : SY/VA
 Sample : K4208-04
 Misc : 5.7G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01(7-9)

Quant Time: Aug 08 09:02:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97883	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140178	57.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.80%	
35) Dibromofluoromethane	7.88	113	111112	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
50) Toluene-d8	10.32	98	433024	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	124121	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	

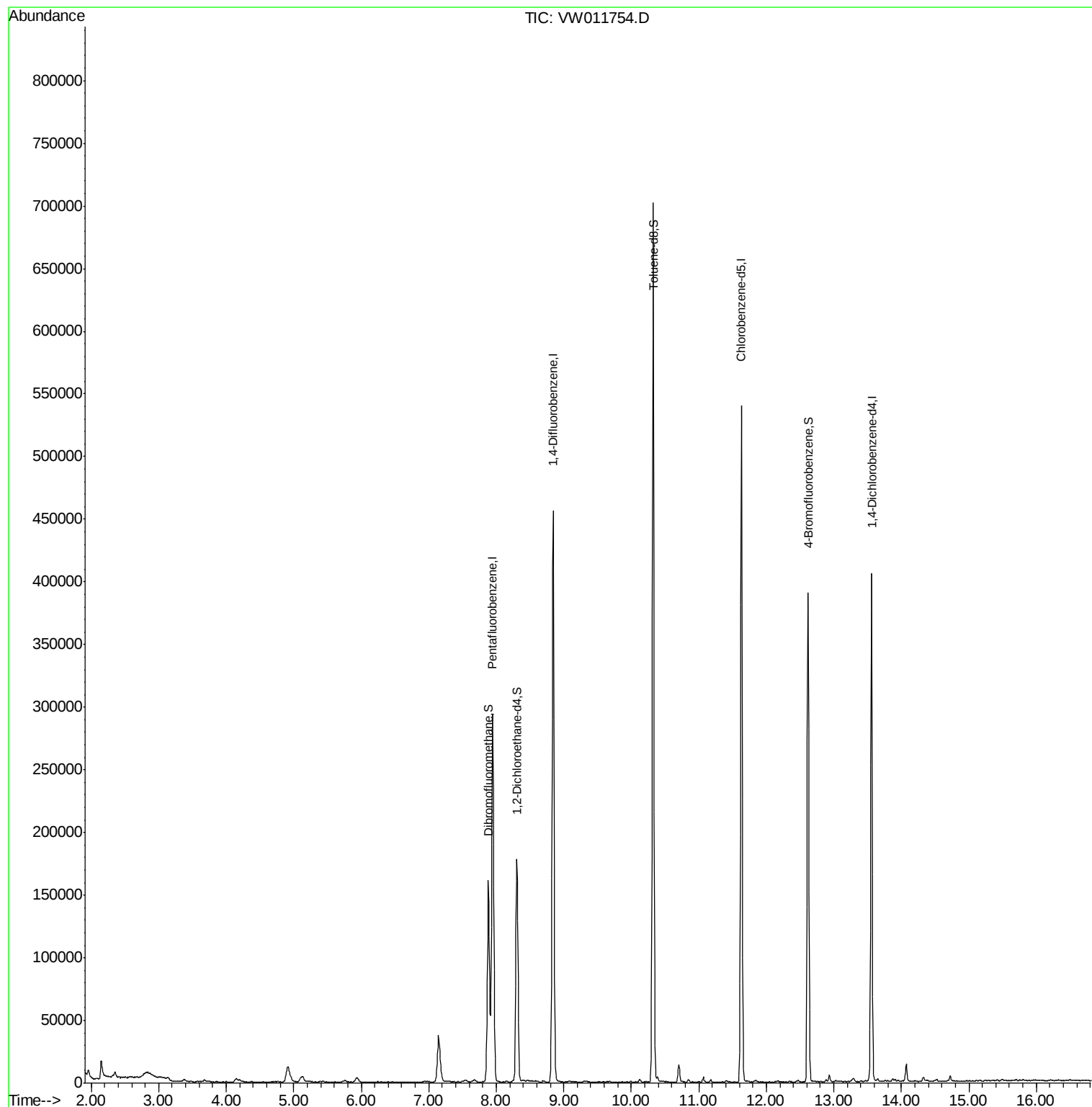
Target Compounds	Qvalue

(#) = 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: VW011754.D

Acq: 07 Aug 2019 16:31

Instrument :

MSVOA_W

ClientSampleId :

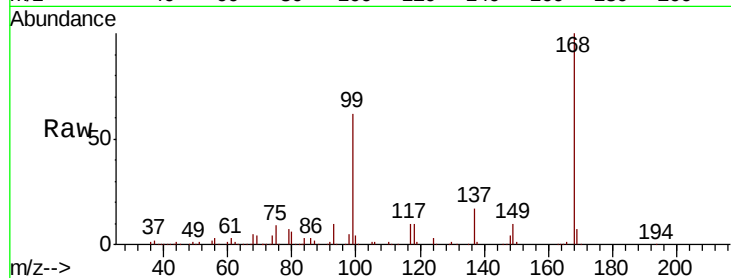
SB-01(7-9)

Tot Ion:168 Resp: 212666

Ion Ratio Lower Upper

168 100

99 62.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

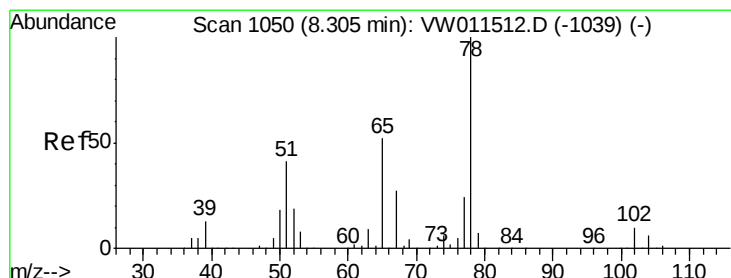
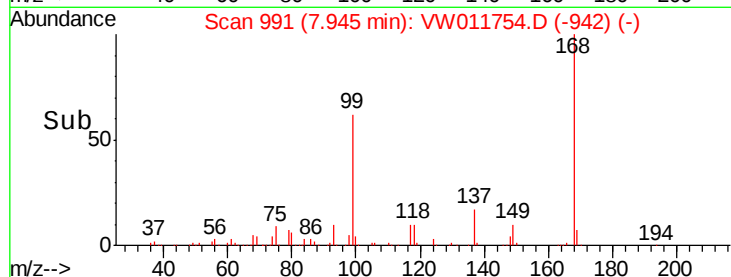
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.403 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011754.D

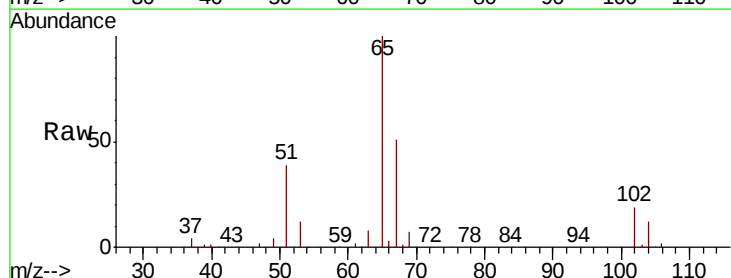
Acq: 07 Aug 2019 16:31

Tgt Ion: 65 Resp: 140178

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

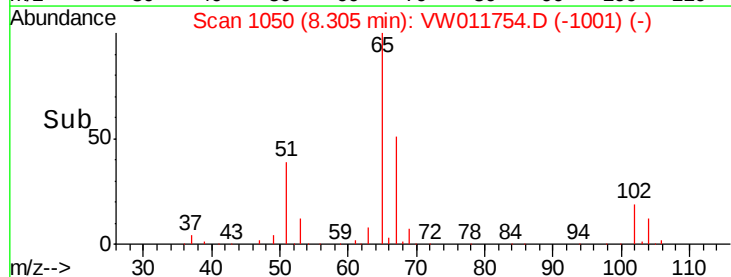
60000

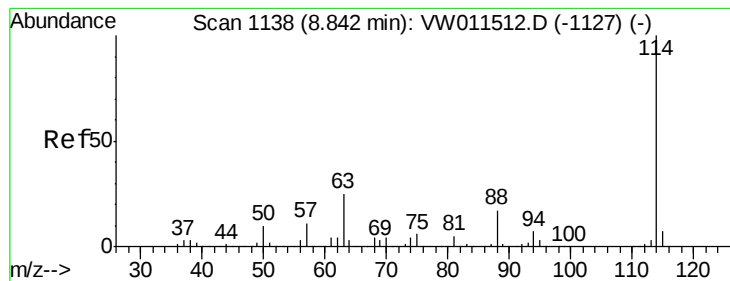
40000

20000

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: VW011754.D

Acq: 07 Aug 2019 16:31

Instrument :

MSVOA_W

ClientSampleId :

SB-01(7-9)

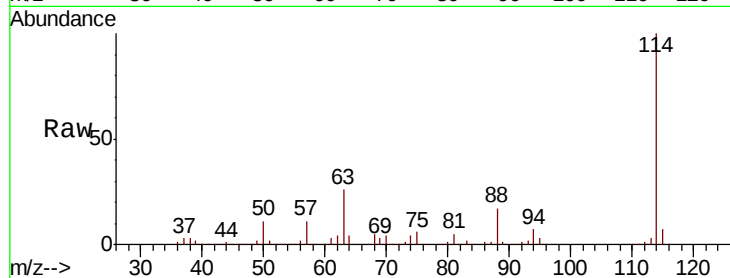
Tot Ion:114 Resp: 352692

Ion Ratio Lower Upper

114 100

63 25.6 0.0 49.2

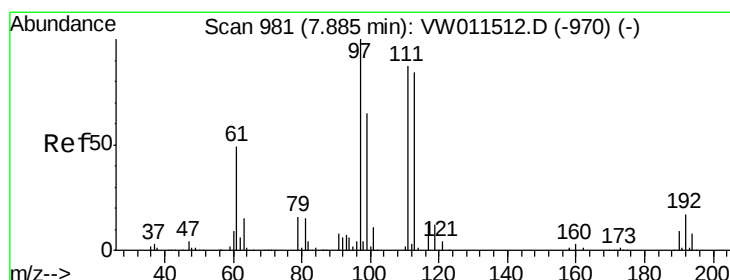
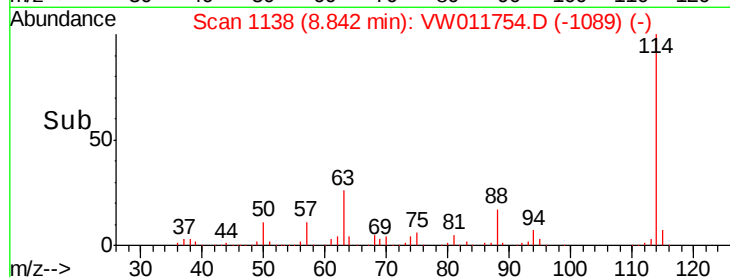
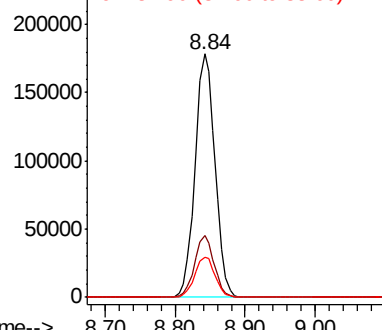
88 16.7 0.0 33.8



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: 56.155 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011754.D

Acq: 07 Aug 2019 16:31

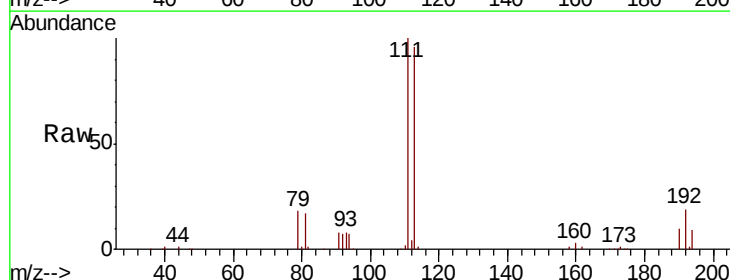
Tgt Ion:113 Resp: 111112

Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

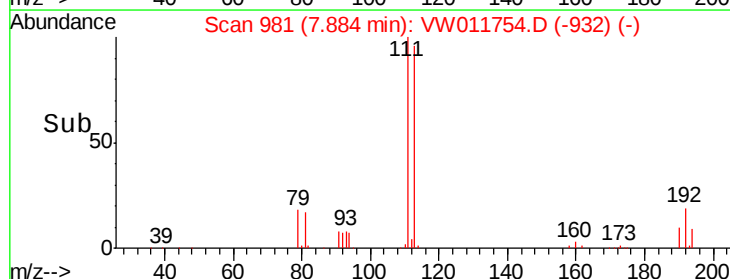
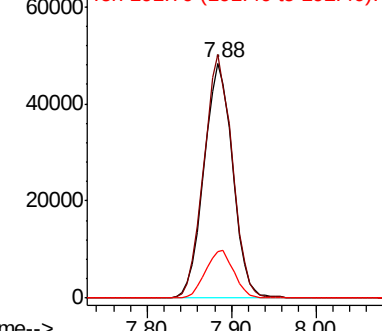
192 19.9 16.1 24.1

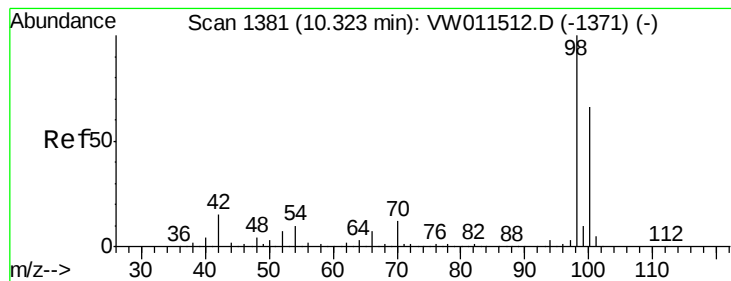


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.452 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011754.D

Acq: 07 Aug 2019 16:31

Instrument :

MSVOA_W

ClientSampleId :

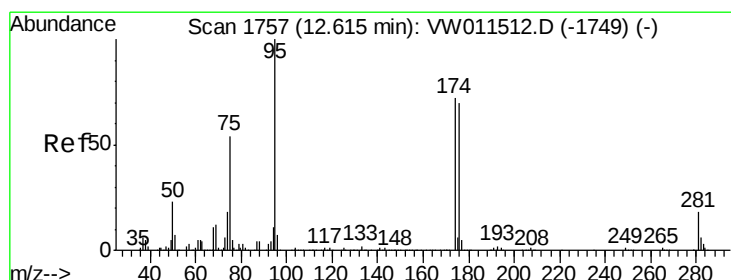
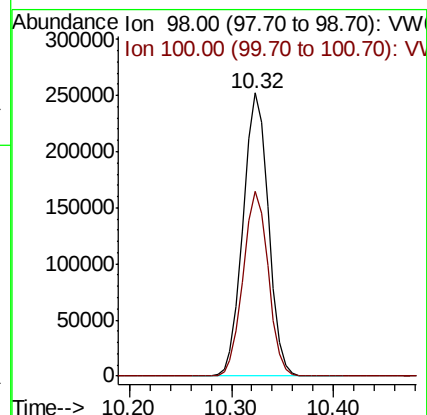
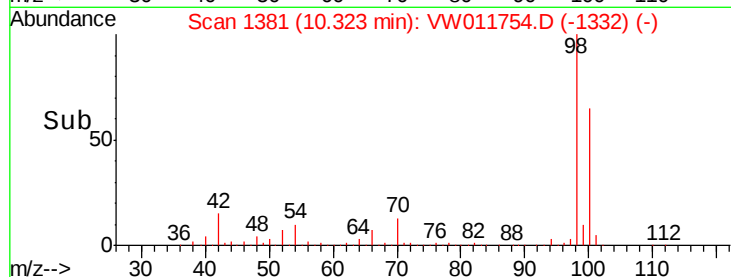
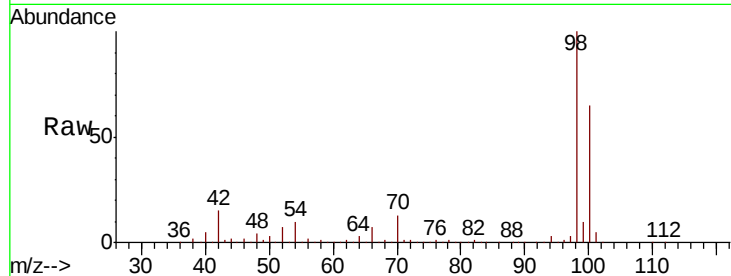
SB-01(7-9)

Tot Ion: 98 Resp: 433024

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 42.974 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011754.D

Acq: 07 Aug 2019 16:31

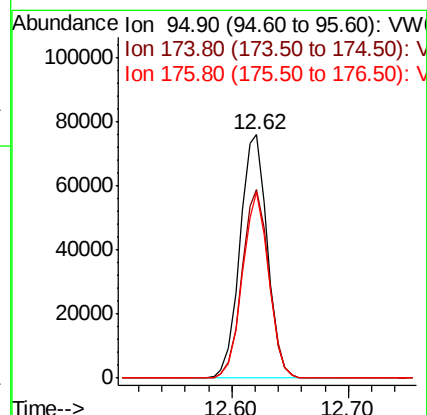
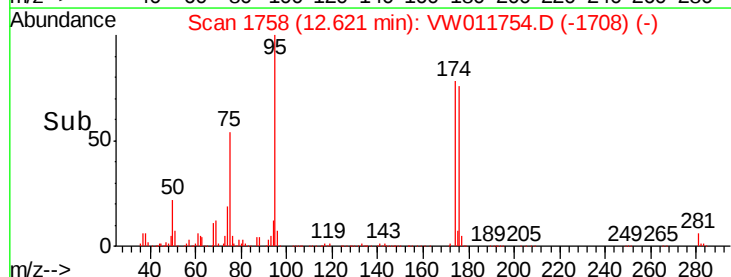
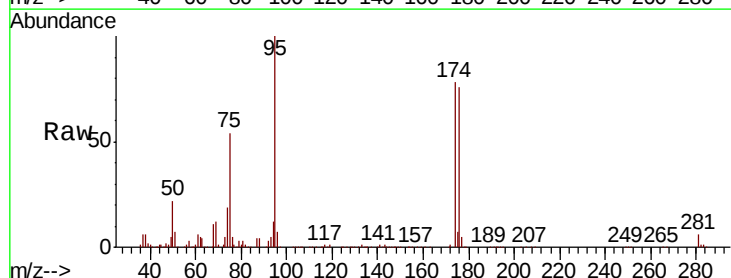
Tgt Ion: 95 Resp: 124121

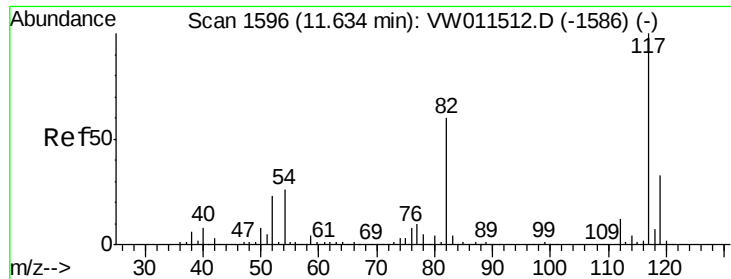
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.2

176 73.5 0.0 144.4

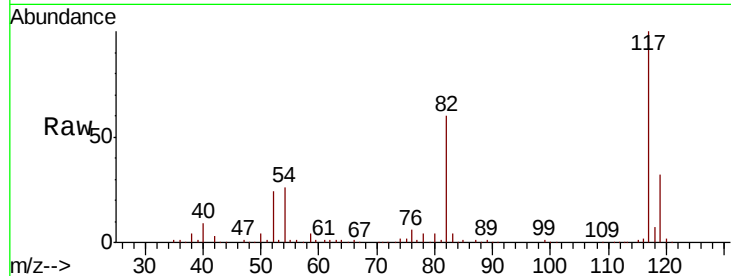




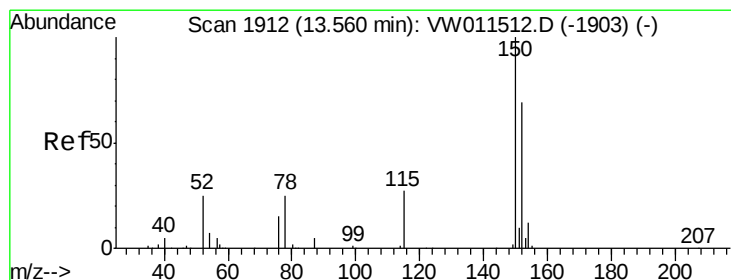
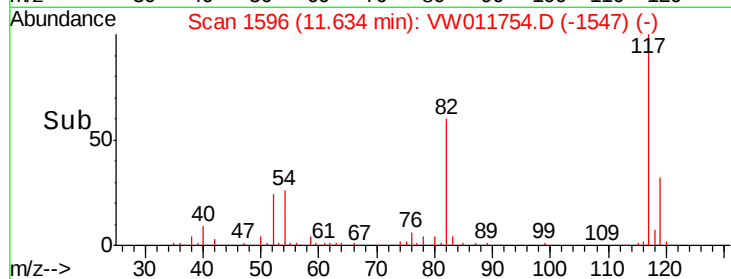
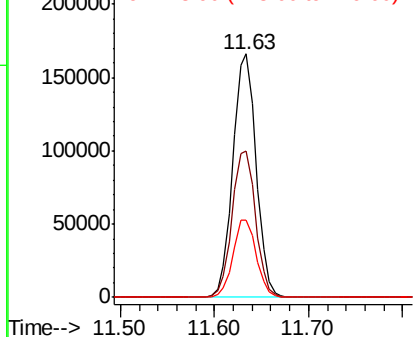
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011754.D
Acq: 07 Aug 2019 16:31

Instrument :
MSVOA_W
ClientSampleId :
SB-01(7-9)

Tot Ion:117 Resp: 283763
Ion Ratio Lower Upper
117 100
82 60.1 47.9 71.9
119 31.8 26.2 39.2

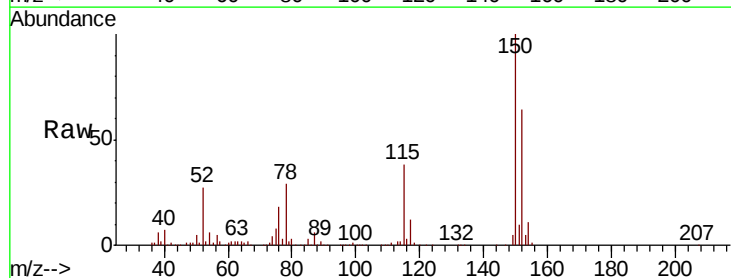


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011754.D
Acq: 07 Aug 2019 16:31

Tgt Ion:152 Resp: 97883
Ion Ratio Lower Upper
152 100
115 60.1 30.5 91.5
150 158.1 0.0 352.6



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

