

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011331.D
 Acq On : 18 Jul 2019 13:34
 Operator : SY/VA
 Sample : VW0718SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0718SBL01

Quant Time: Jul 19 06:59:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	299035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104576	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	112925	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.88	113	91323	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.32	98	368052	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	117956	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	

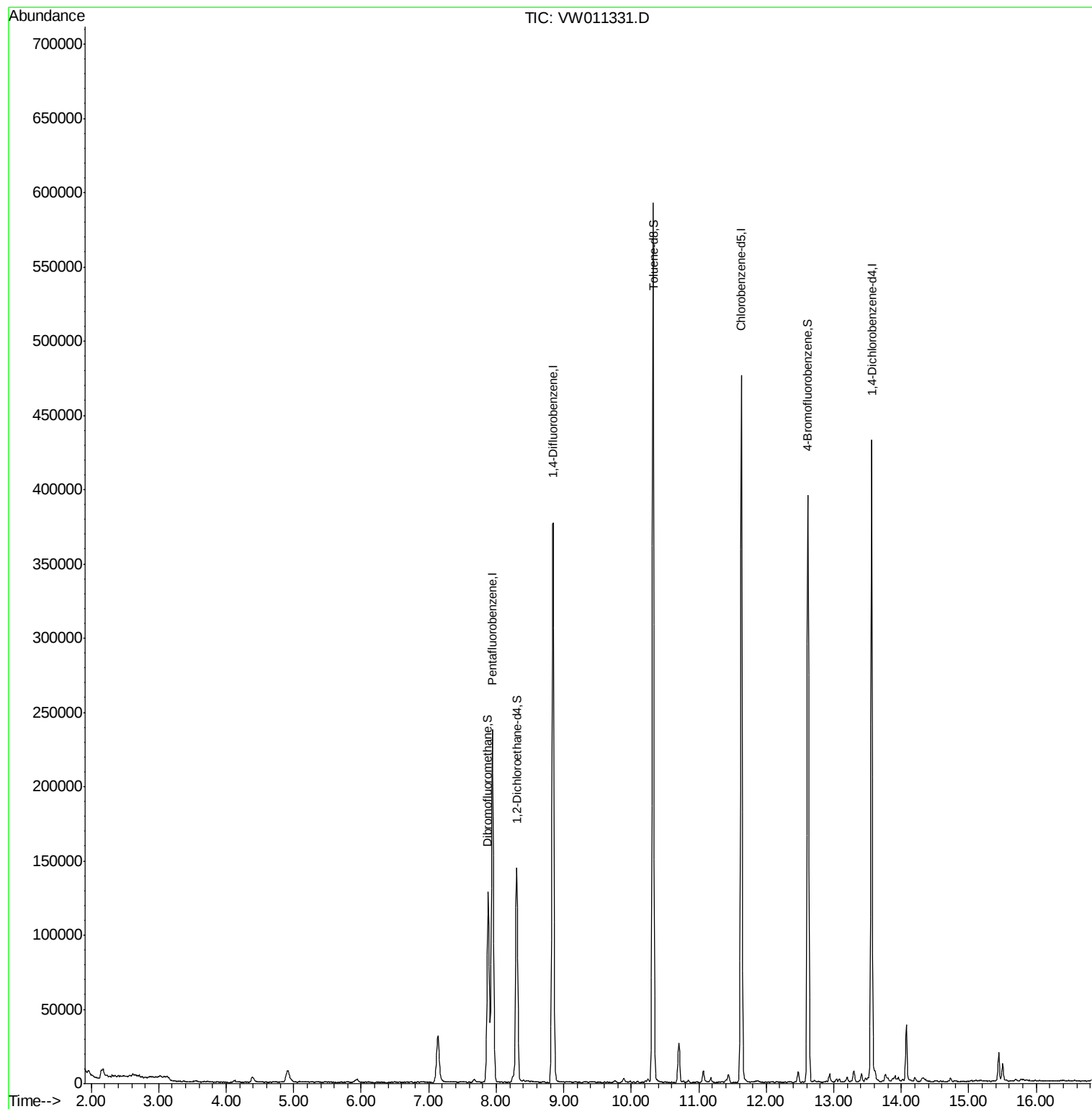
Target Compounds	Qvalue

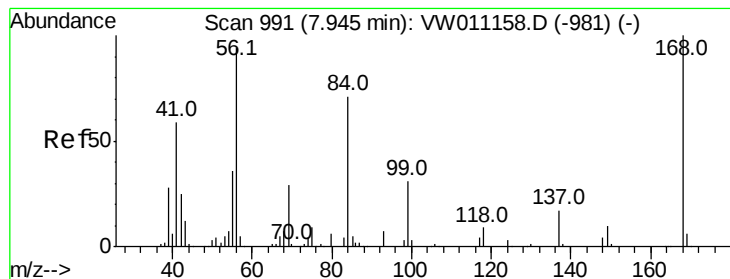
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011331.D

Acq: 18 Jul 2019 13:34

Instrument :

MSVOA_W

ClientSampleId :

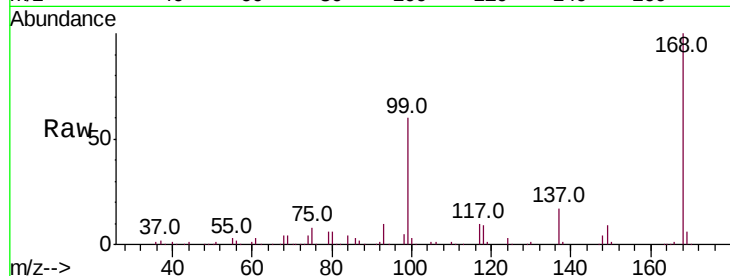
VW0718SBL01

Tot Ion:168 Resp: 173747

Ion Ratio Lower Upper

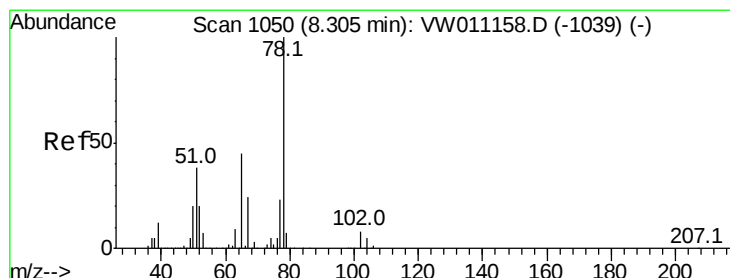
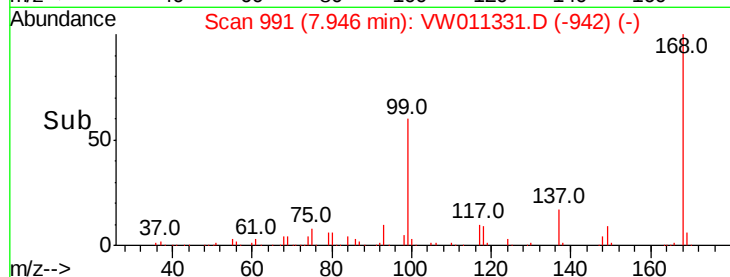
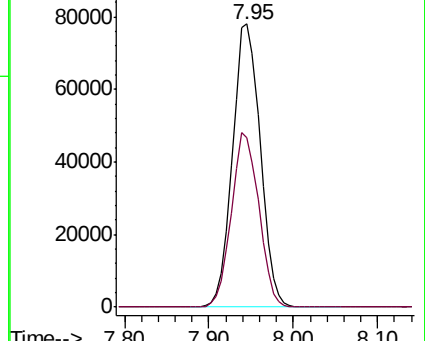
168 100

99 59.8 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.725 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011331.D

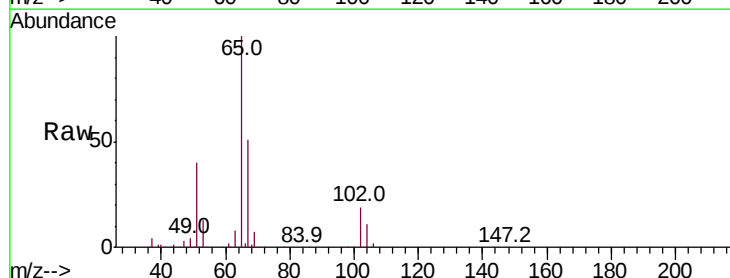
Acq: 18 Jul 2019 13:34

Tgt Ion: 65 Resp: 112925

Ion Ratio Lower Upper

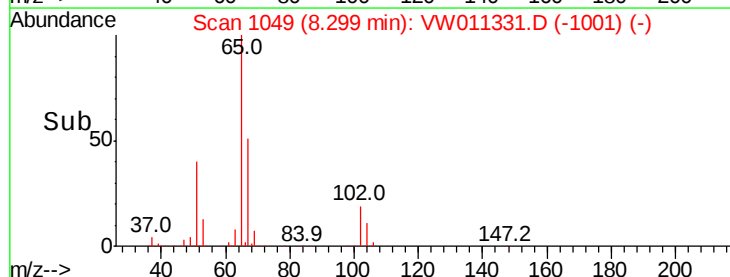
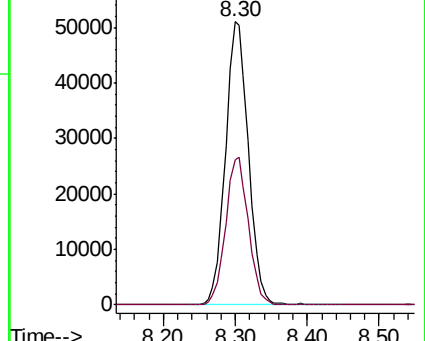
65 100

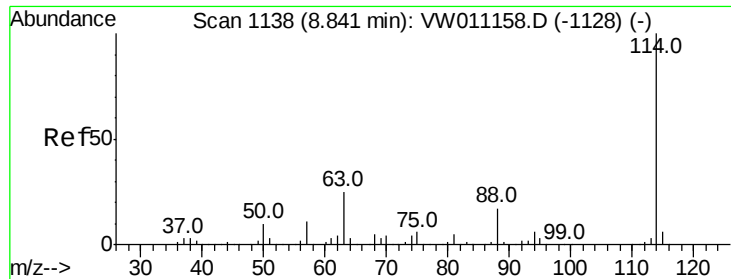
67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011331.D

Acq: 18 Jul 2019 13:34

Instrument :

MSVOA_W

ClientSampleId :

VW0718SBL01

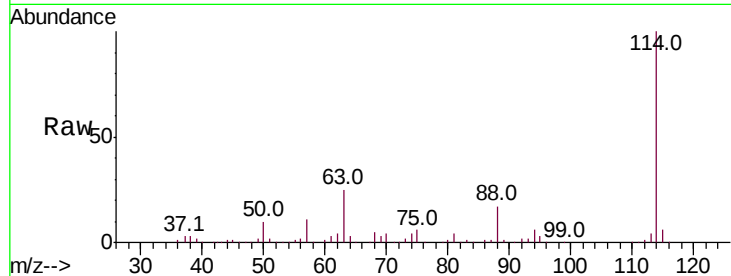
Tot Ion:114 Resp: 299035

Ion Ratio Lower Upper

114 100

63 24.8 0.0 50.8

88 16.8 0.0 34.2



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

200000

150000

100000

50000

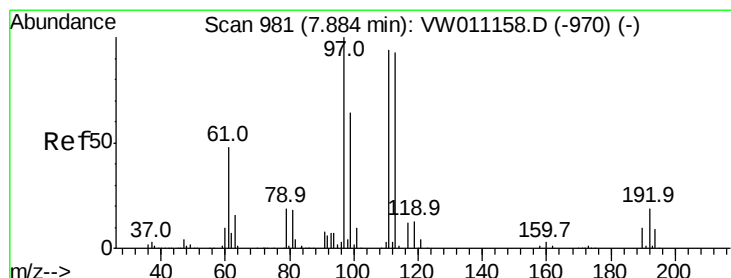
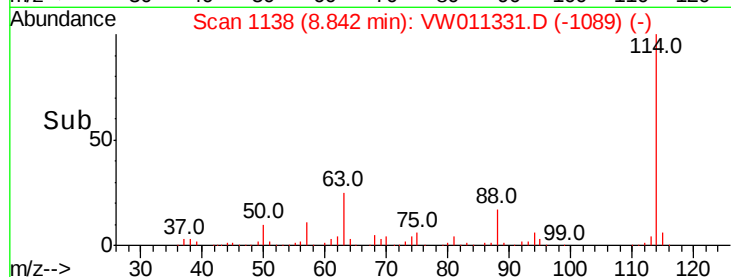
0

8.84

8.80

8.90

Time-->



#35

Dibromofluoromethane

Concen: 51.236 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011331.D

Acq: 18 Jul 2019 13:34

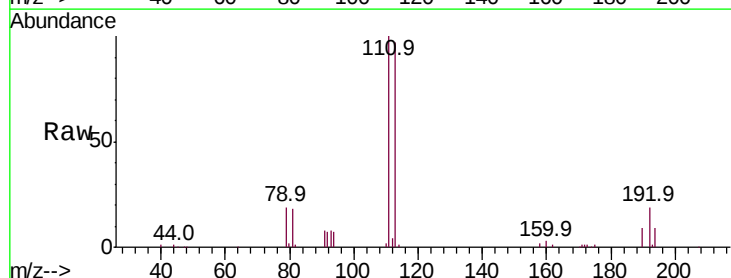
Tgt Ion:113 Resp: 91323

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 20.0 15.8 23.8



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

50000

40000

30000

20000

10000

0

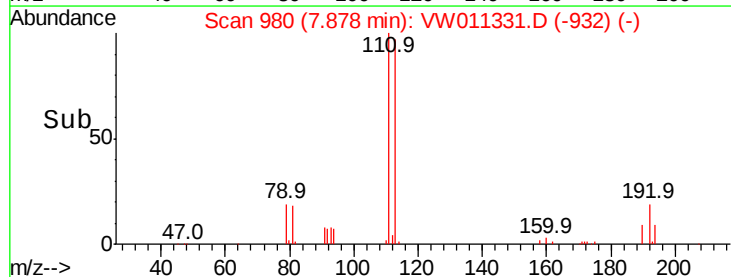
7.88

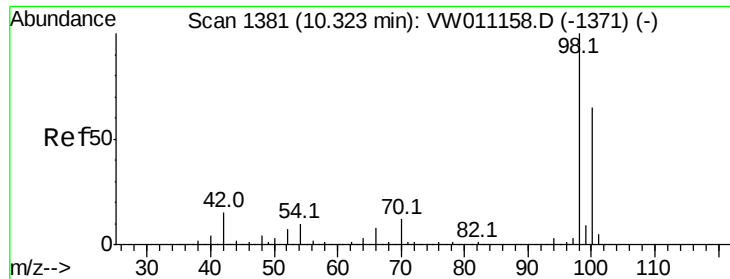
7.80

7.90

8.00

Time-->





#50

Toluene-d8

Concen: 51.085 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011331.D

Acq: 18 Jul 2019 13:34

Instrument :

MSVOA_W

ClientSampleId :

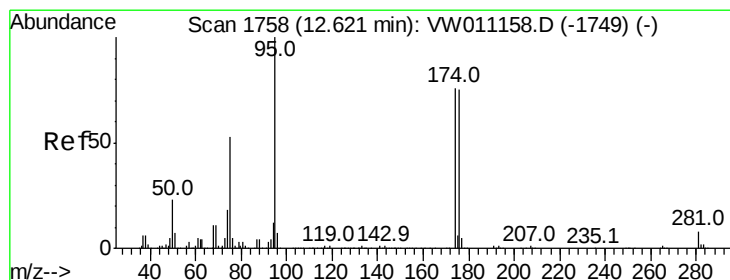
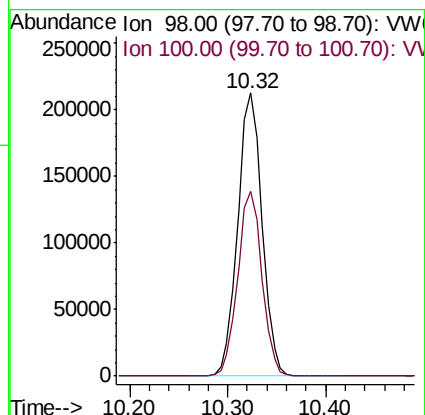
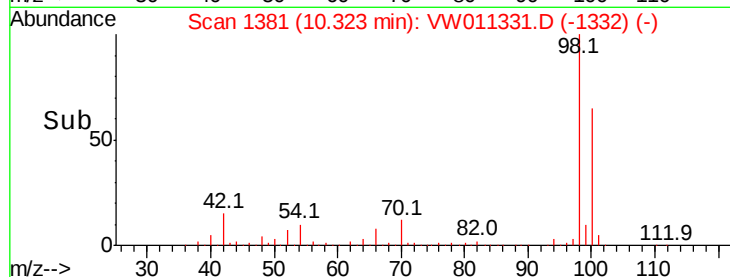
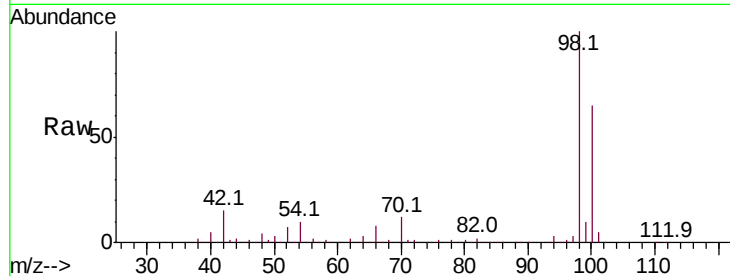
VW0718SBL01

Tot Ion: 98 Resp: 368052

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.667 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011331.D

Acq: 18 Jul 2019 13:34

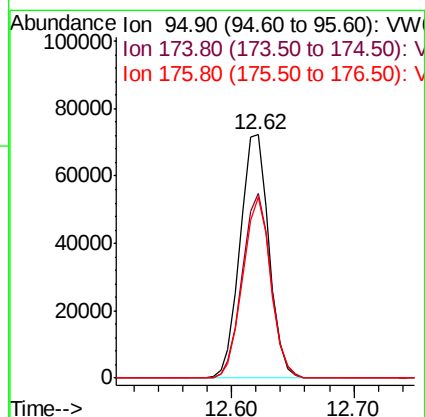
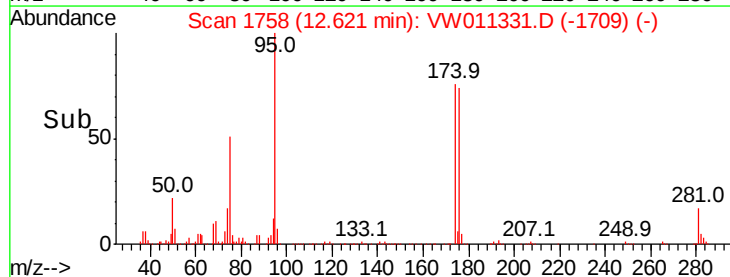
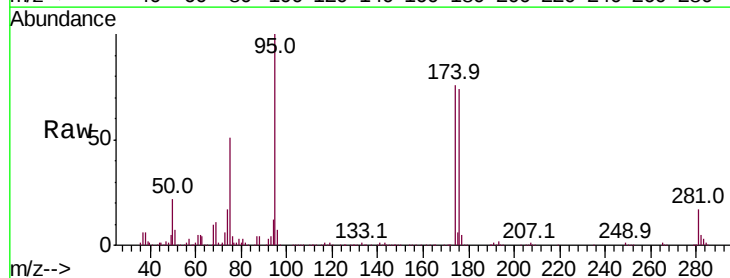
Tgt Ion: 95 Resp: 117956

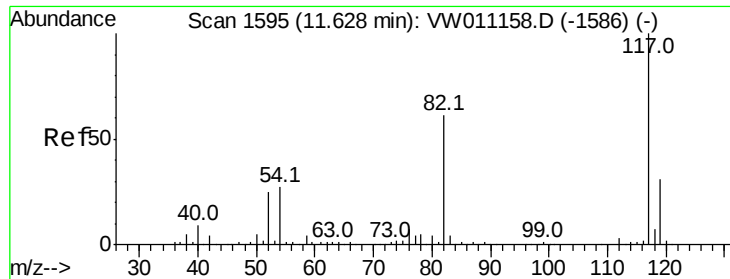
Ion Ratio Lower Upper

95 100

174 75.2 0.0 147.6

176 72.3 0.0 144.6

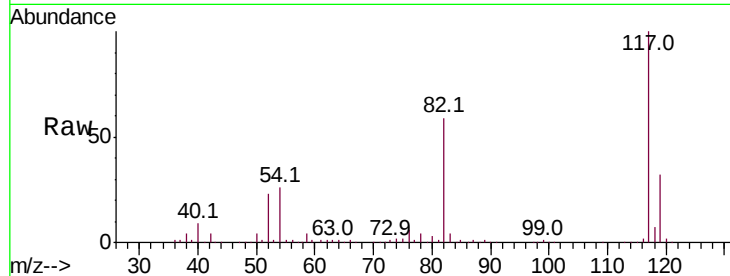




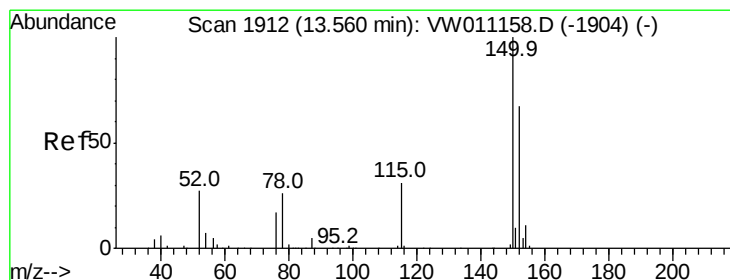
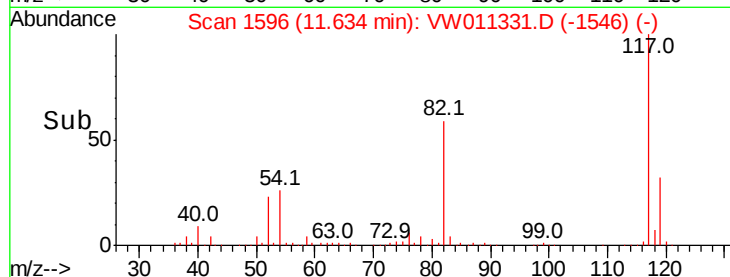
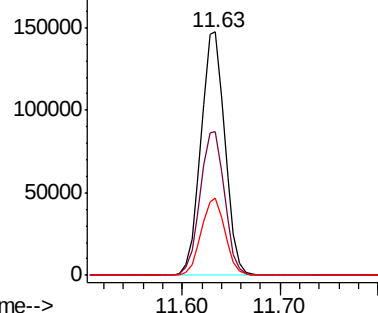
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011331.D
Acq: 18 Jul 2019 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0718SBL01

Tot Ion:117 Resp: 251198
Ion Ratio Lower Upper
117 100
82 58.8 48.9 73.3
119 31.7 25.0 37.6

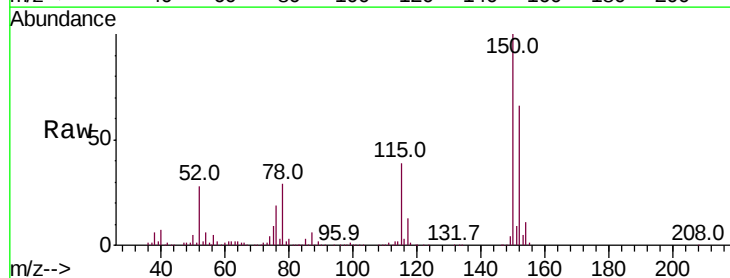


Abundance Ion 116.90 (116.60 to 117.60): V
200000
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011331.D
Acq: 18 Jul 2019 13:34

Tgt Ion:152 Resp: 104576
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.3
150 156.5 0.0 346.0



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

