

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015644.D
 Acq On : 22 Jun 2020 12:49
 Operator : SY/VA
 Sample : VW0622SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBL01

Quant Time: Jun 23 05:52:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133046	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	110398	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	7.88	113	94718	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.32	98	377975	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	133349	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

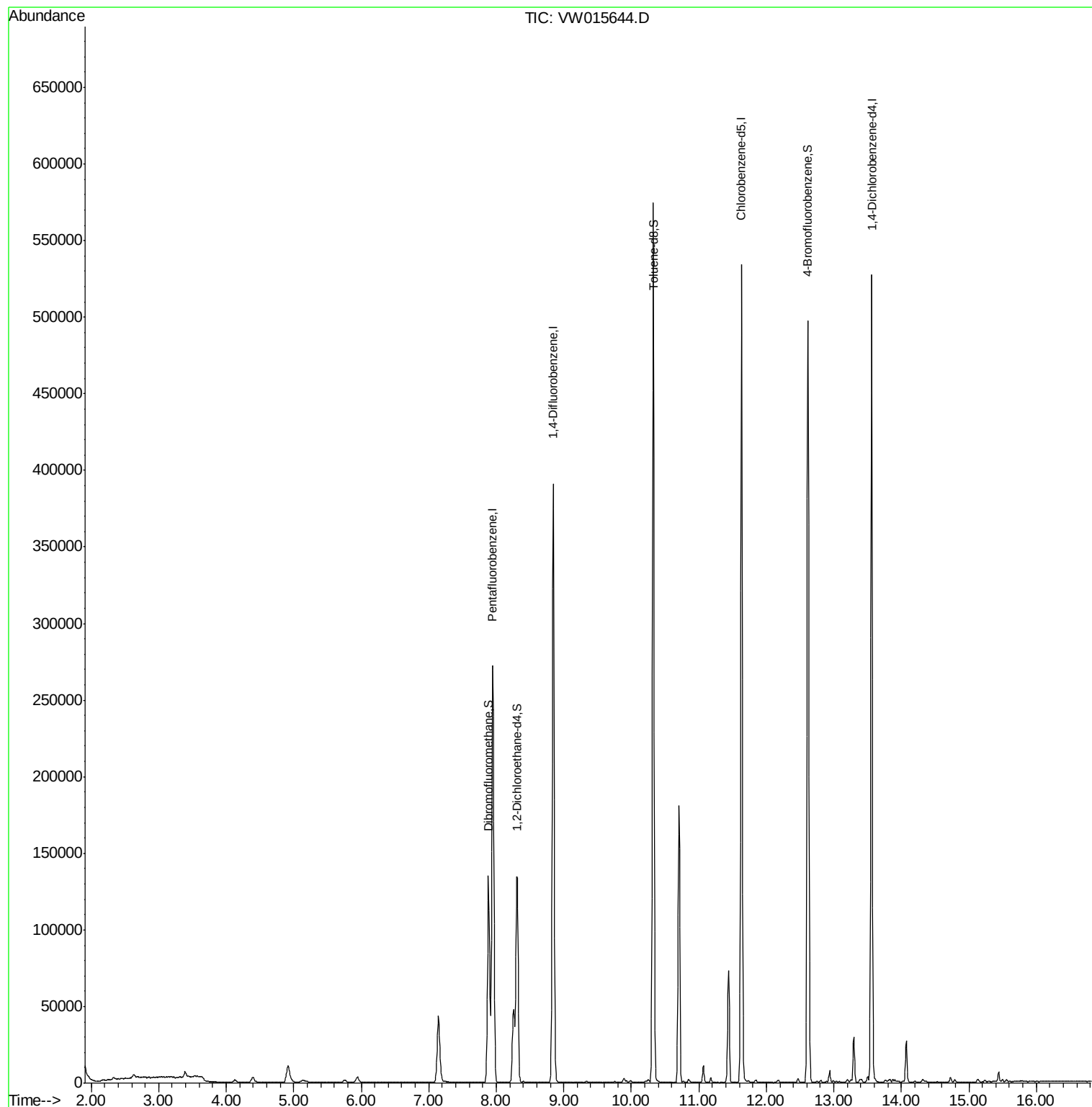
Target Compounds	Qvalue
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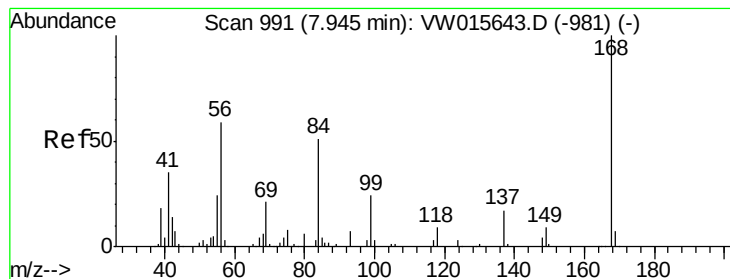
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015644.D

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Instrument :

MSVOA_W

ClientSampleId :

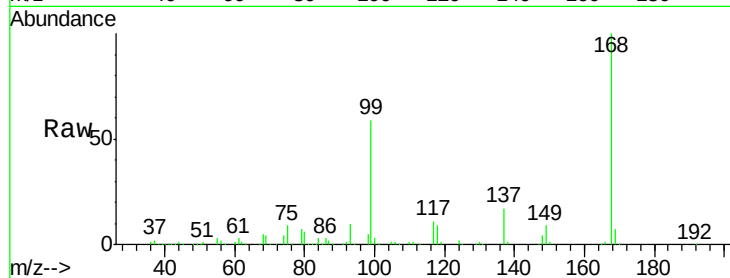
VW0622SBL01

Tot Ion:168 Resp: 202100

Ion Ratio Lower Upper

168 100

99 59.1 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

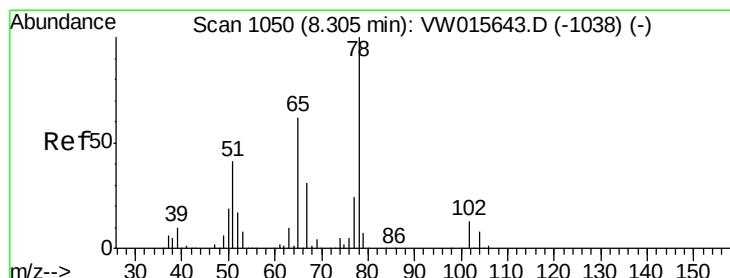
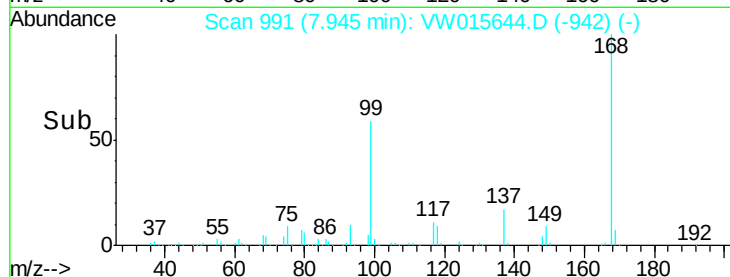
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.679 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015644.D

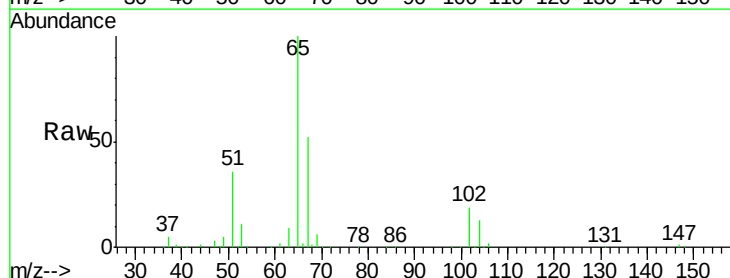
Acq: 22 Jun 2020 12:49

Tgt Ion: 65 Resp: 110398

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

50000

40000

30000

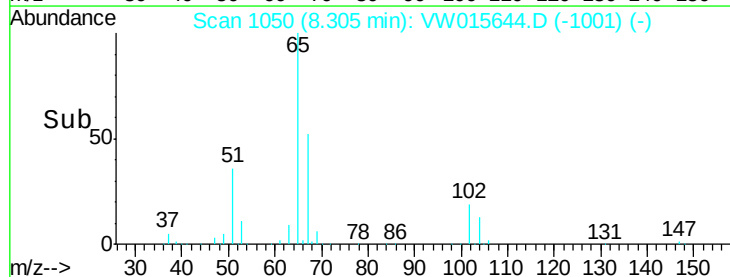
20000

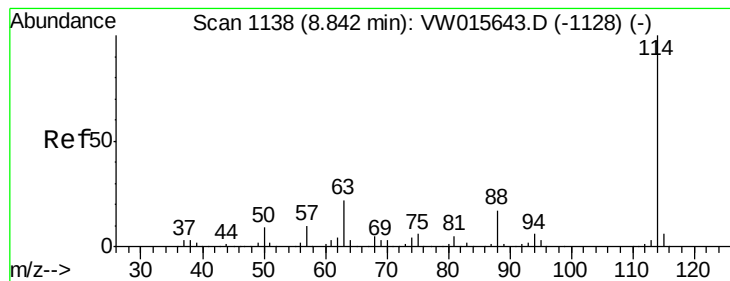
10000

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. -0.01 min

Lab File: VW015644.D

Acq: 22 Jun 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBL01

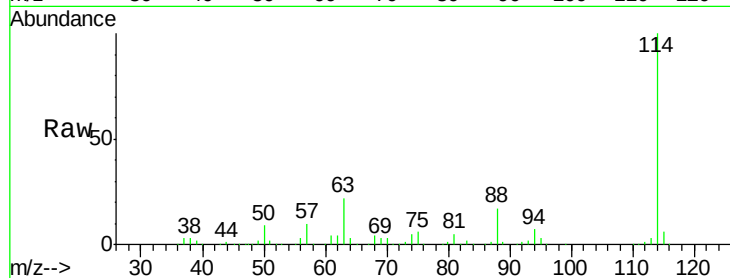
Tot Ion:114 Resp: 316428

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.0

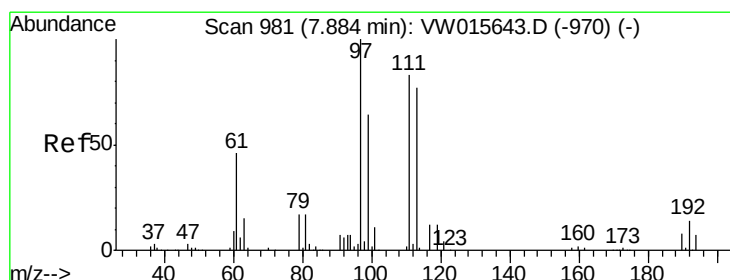
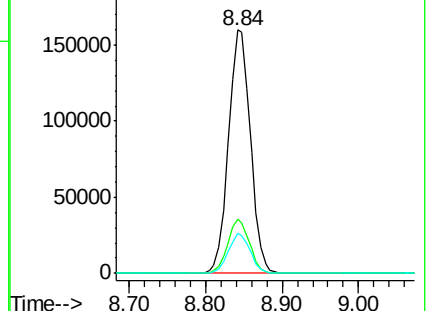
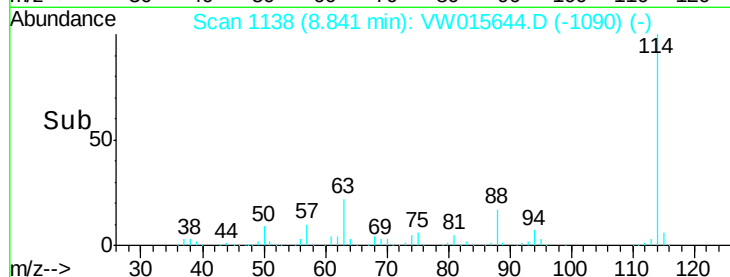
88 16.7 0.0 31.8



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: 50.786 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015644.D

Acq: 22 Jun 2020 12:49

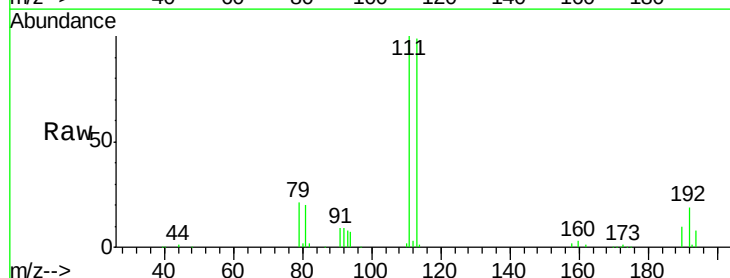
Tgt Ion:113 Resp: 94718

Ion Ratio Lower Upper

113 100

111 103.4 83.3 124.9

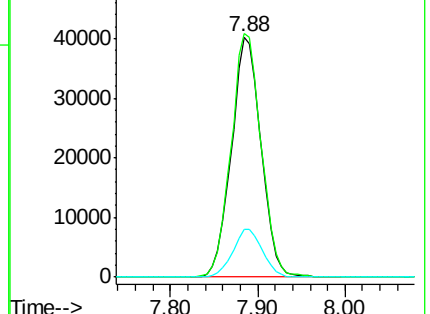
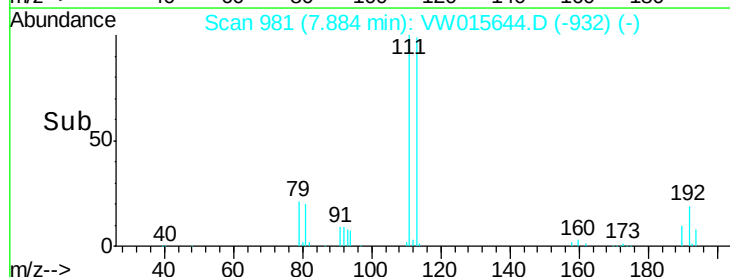
192 20.0 15.8 23.6

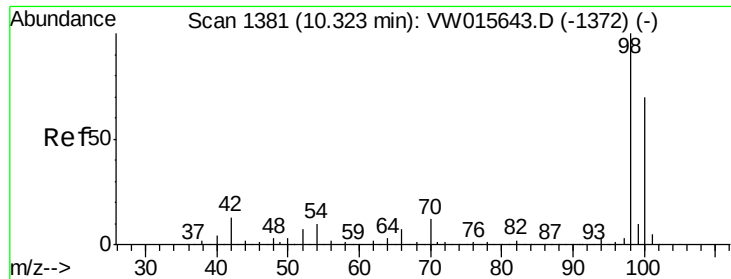


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.118 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015644.D

Acq: 22 Jun 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

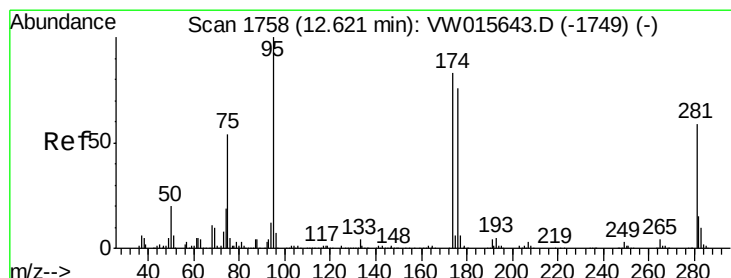
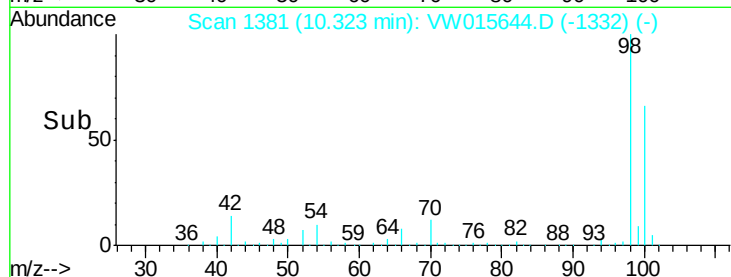
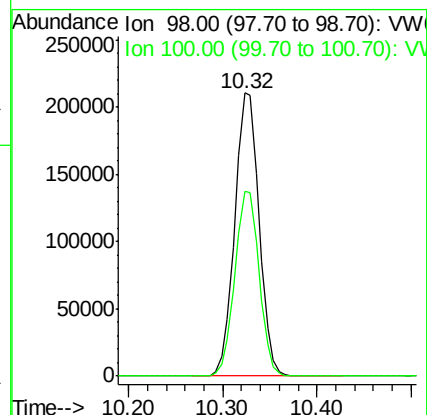
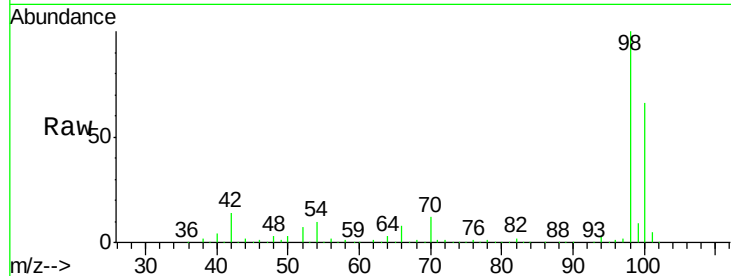
VW0622SBL01

Tot Ion: 98 Resp: 377975

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.667 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015644.D

Acq: 22 Jun 2020 12:49

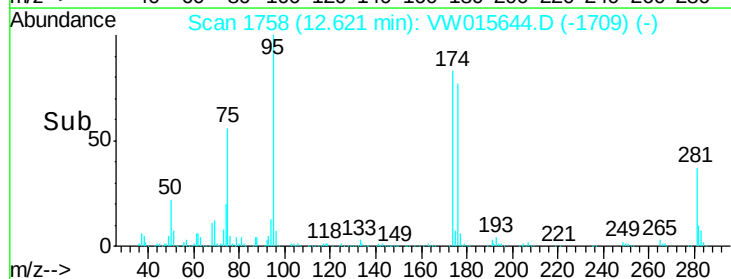
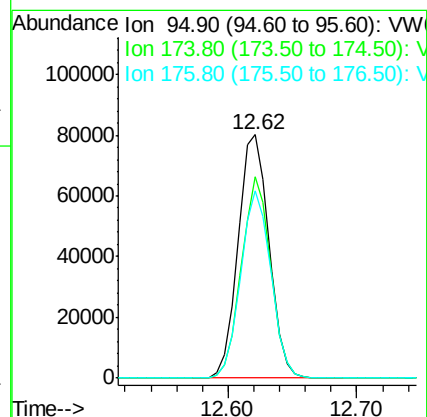
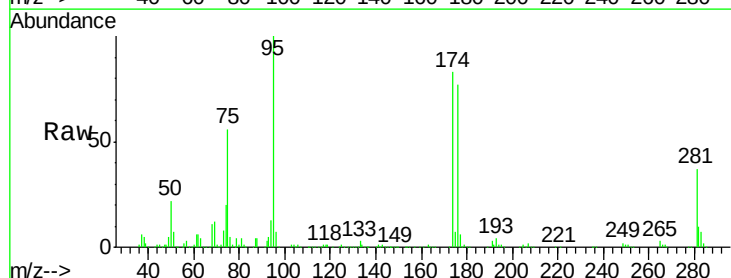
Tgt Ion: 95 Resp: 133349

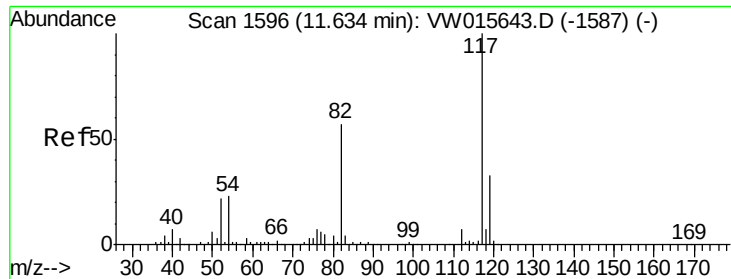
Ion Ratio Lower Upper

95 100

174 78.2 0.0 153.6

176 74.9 0.0 152.8

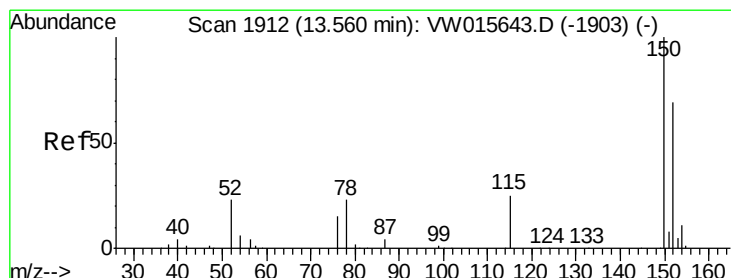
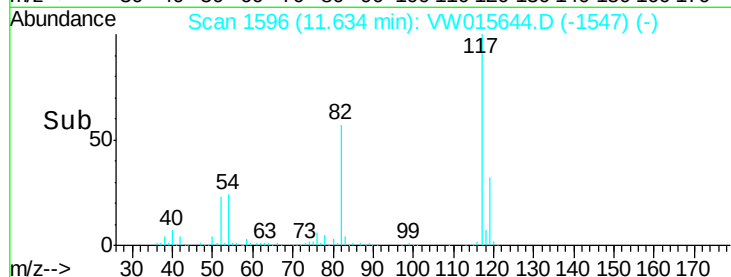
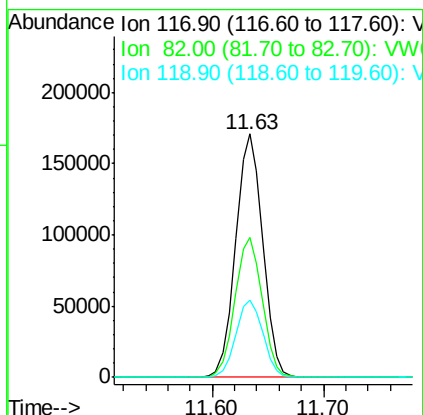
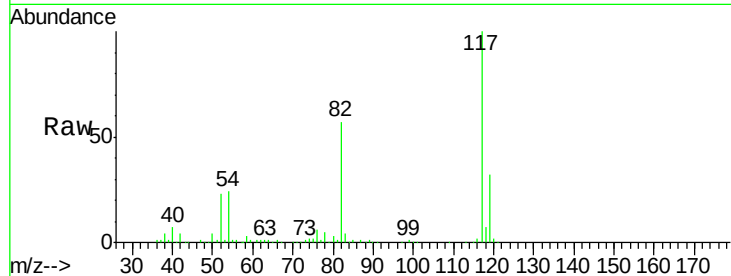




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015644.D
Acq: 22 Jun 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBL01

Tot Ion:117 Resp: 286991
Ion Ratio Lower Upper
117 100
82 57.3 45.8 68.8
119 32.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015644.D
Acq: 22 Jun 2020 12:49

Tgt Ion:152 Resp: 133046
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 157.0 0.0 351.0

