

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015683.D
 Acq On : 24 Jun 2020 15:20
 Operator : SY/VA
 Sample : L3082-06
 Misc : 4.25G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7

Quant Time: Jun 25 03:04:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	150088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	270220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108549	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103019	61.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.38%	
35) Dibromofluoromethane	7.88	113	87644	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	10.32	98	338422	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.62	95	111778	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	

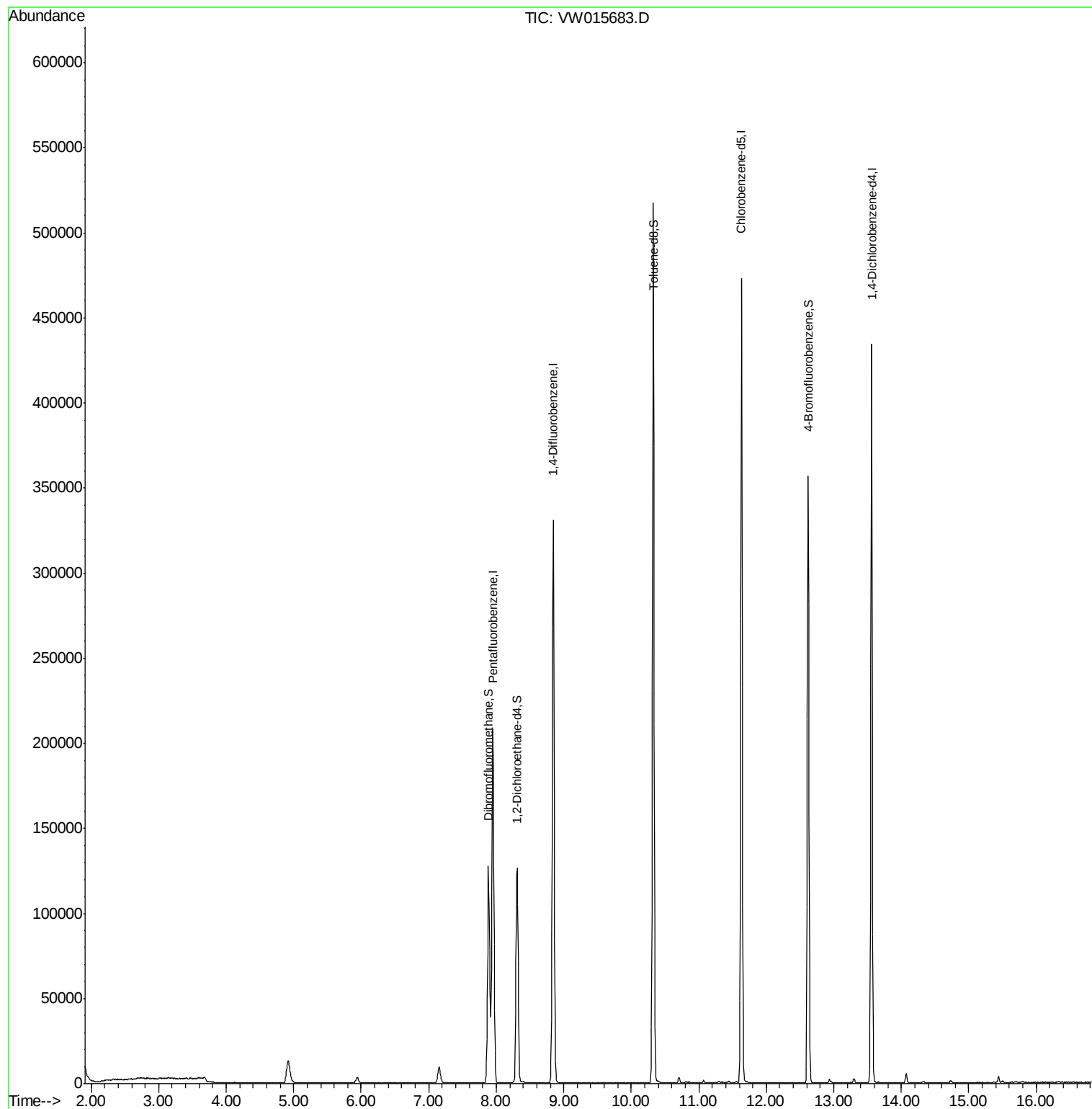
Target Compounds	Qvalue

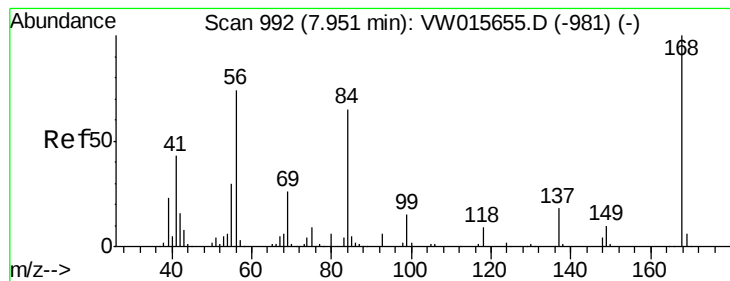
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015683.D

Acq: 24 Jun 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

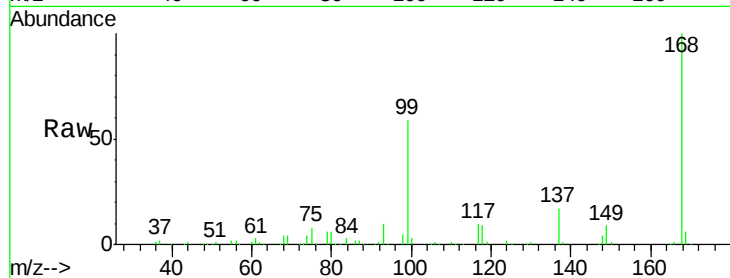
SB-7

Tot Ion:168 Resp: 150088

Ion Ratio Lower Upper

168 100

99 58.8 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

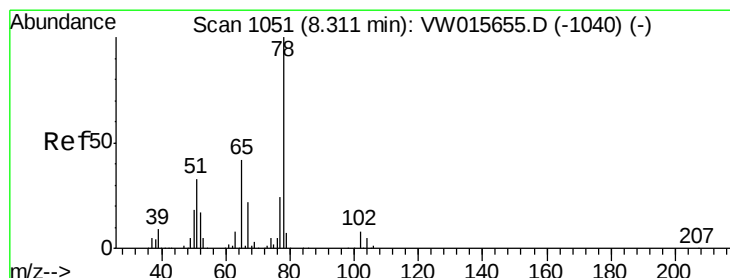
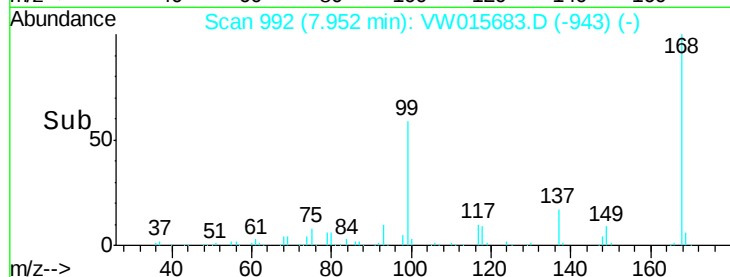
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.690 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015683.D

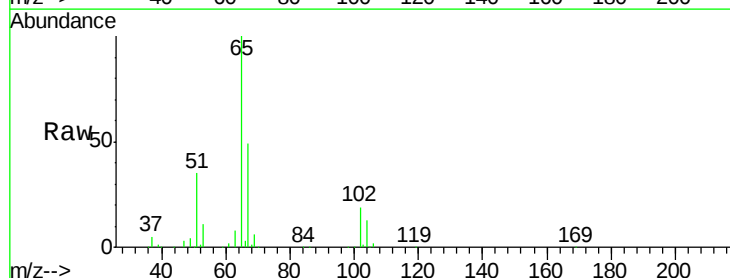
Acq: 24 Jun 2020 15:20

Tgt Ion: 65 Resp: 103019

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

30000

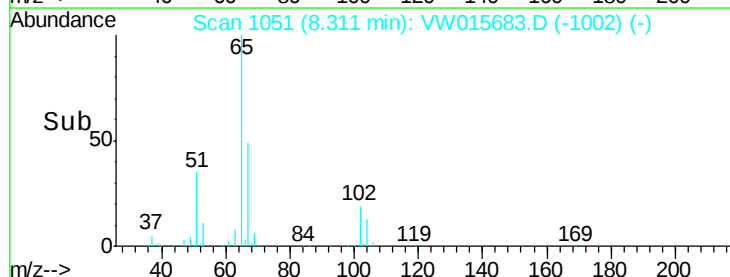
20000

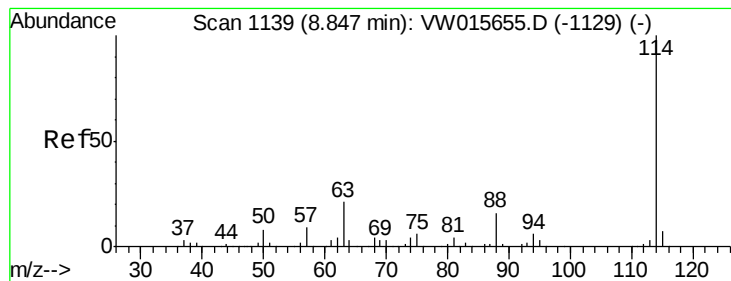
10000

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. -0.01 min

Lab File: VW015683.D

Acq: 24 Jun 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

SB-7

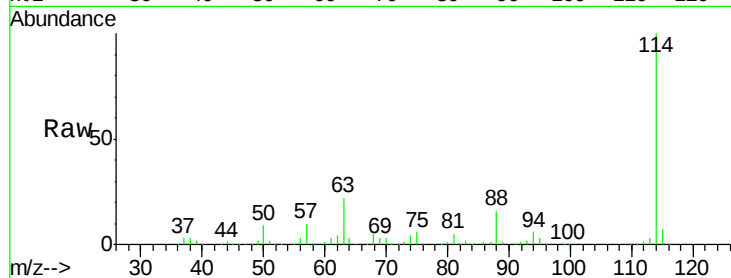
Tot Ion:114 Resp: 270220

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

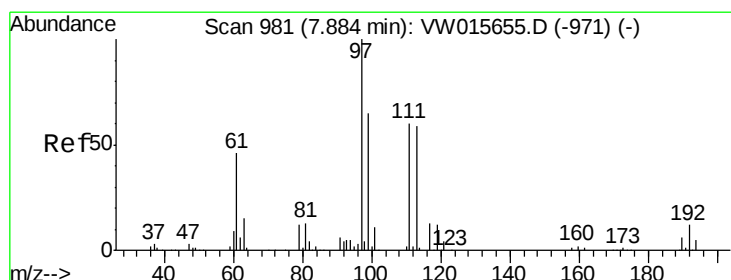
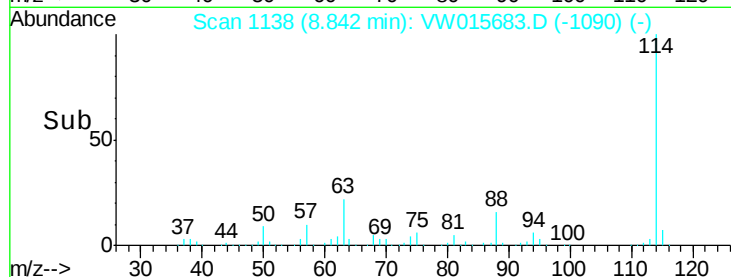
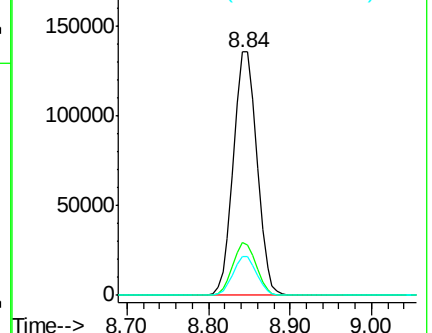
88 16.1 0.0 32.6



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: 51.562 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015683.D

Acq: 24 Jun 2020 15:20

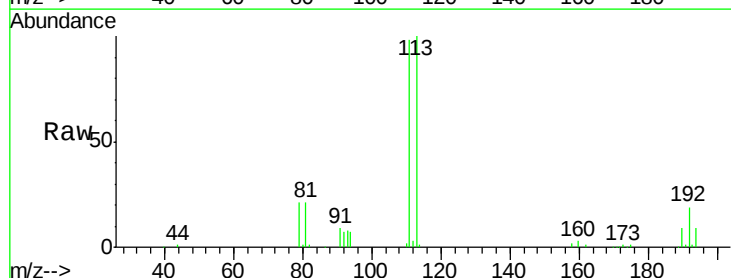
Tgt Ion:113 Resp: 87644

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

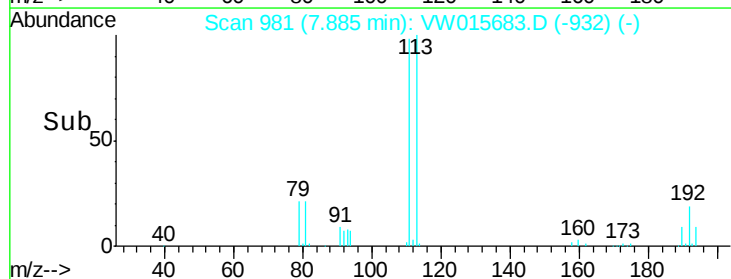
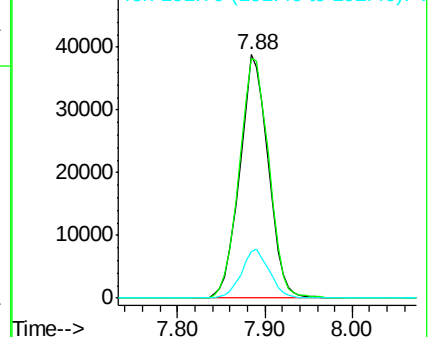
192 19.7 16.4 24.6

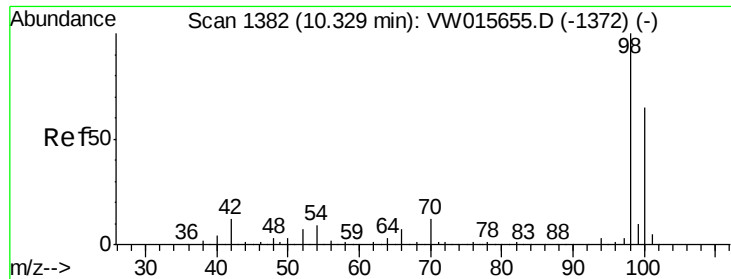


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.592 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015683.D

Acq: 24 Jun 2020 15:20

Instrument :

MSVOA_W

ClientSampled :

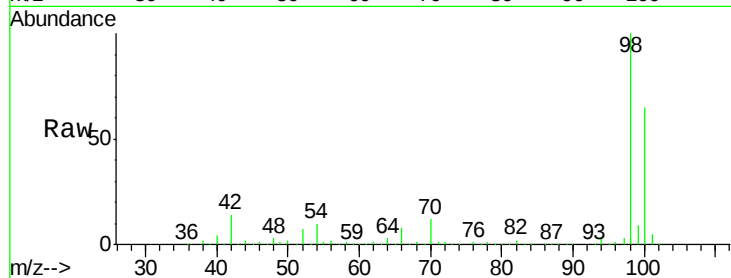
SB-7

Tot Ion: 98 Resp: 338422

Ion Ratio Lower Upper

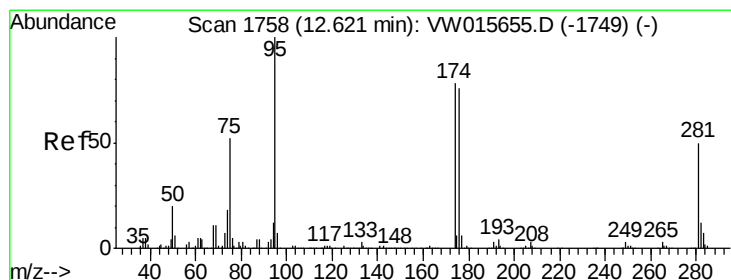
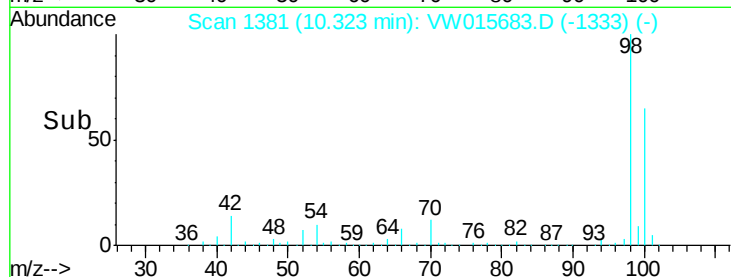
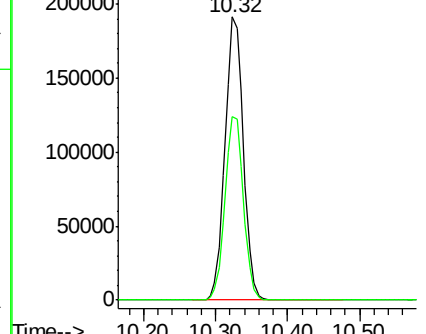
98 100

100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.374 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015683.D

Acq: 24 Jun 2020 15:20

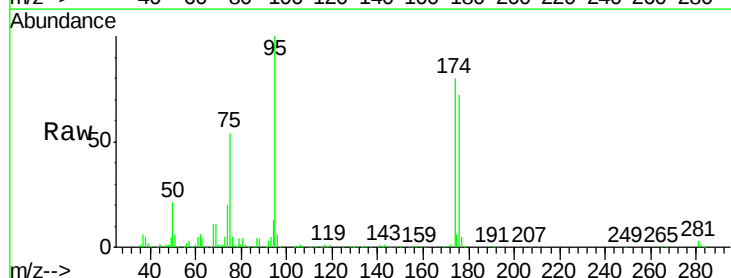
Tgt Ion: 95 Resp: 111778

Ion Ratio Lower Upper

95 100

174 78.8 0.0 157.0

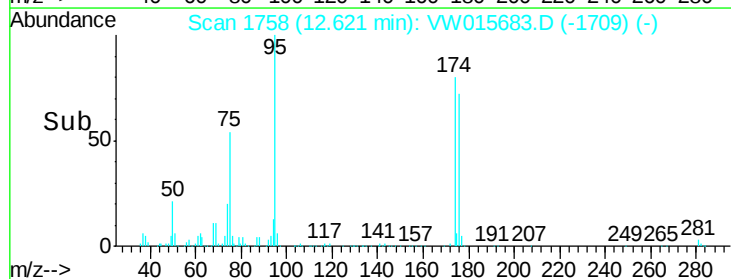
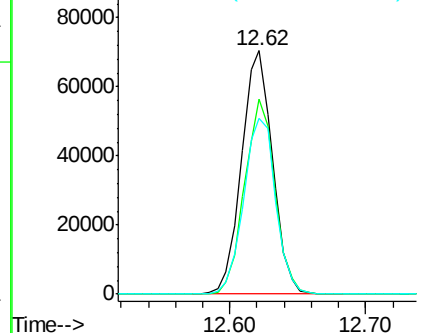
176 74.9 0.0 151.4

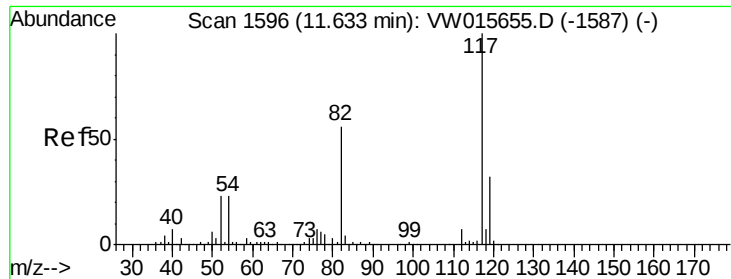


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

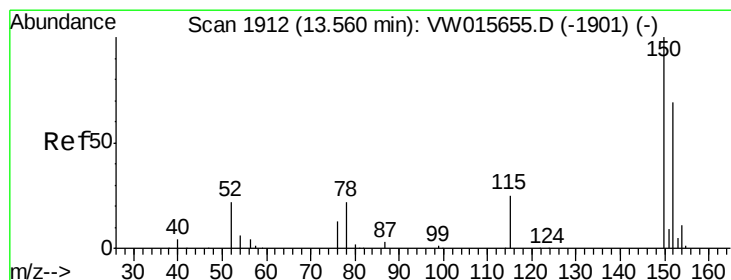
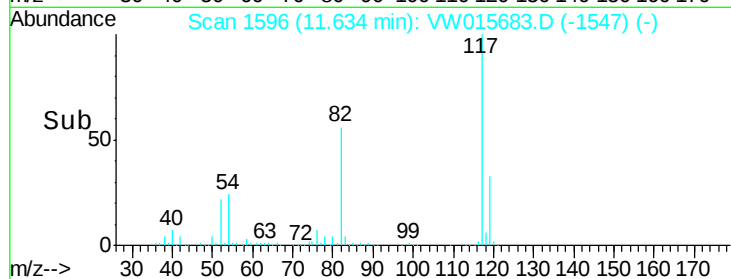
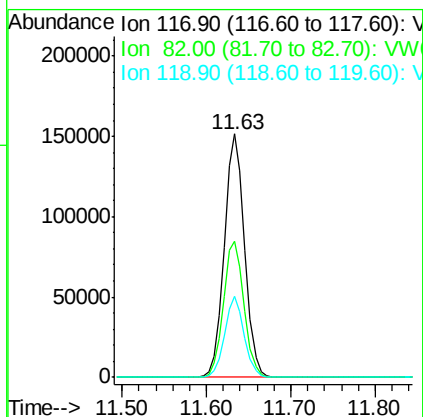
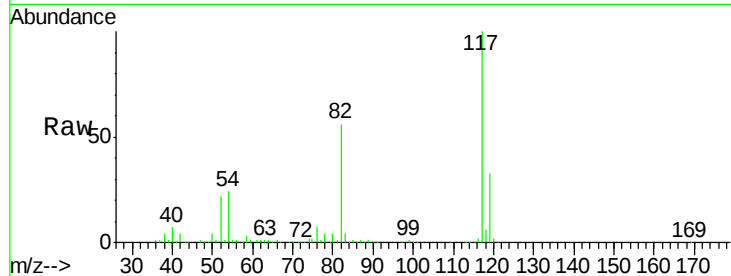




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015683.D
Acq: 24 Jun 2020 15:20

Instrument :
MSVOA_W
ClientSampled :
SB-7

Tot Ion:117 Resp: 249379
Ion Ratio Lower Upper
117 100
82 55.7 45.1 67.7
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015683.D
Acq: 24 Jun 2020 15:20

Tgt Ion:152 Resp: 108549
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.5
150 158.5 0.0 345.6

