

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014580.D
 Acq On : 09 Jan 2020 14:17
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jan 09 15:40:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	786177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1205977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1060098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	507100	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	389643	56.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.38%	
35) Dibromofluoromethane	7.88	113	388813	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
50) Toluene-d8	10.32	98	1619940	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	
62) 4-Bromofluorobenzene	12.62	95	563810	57.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.58%	

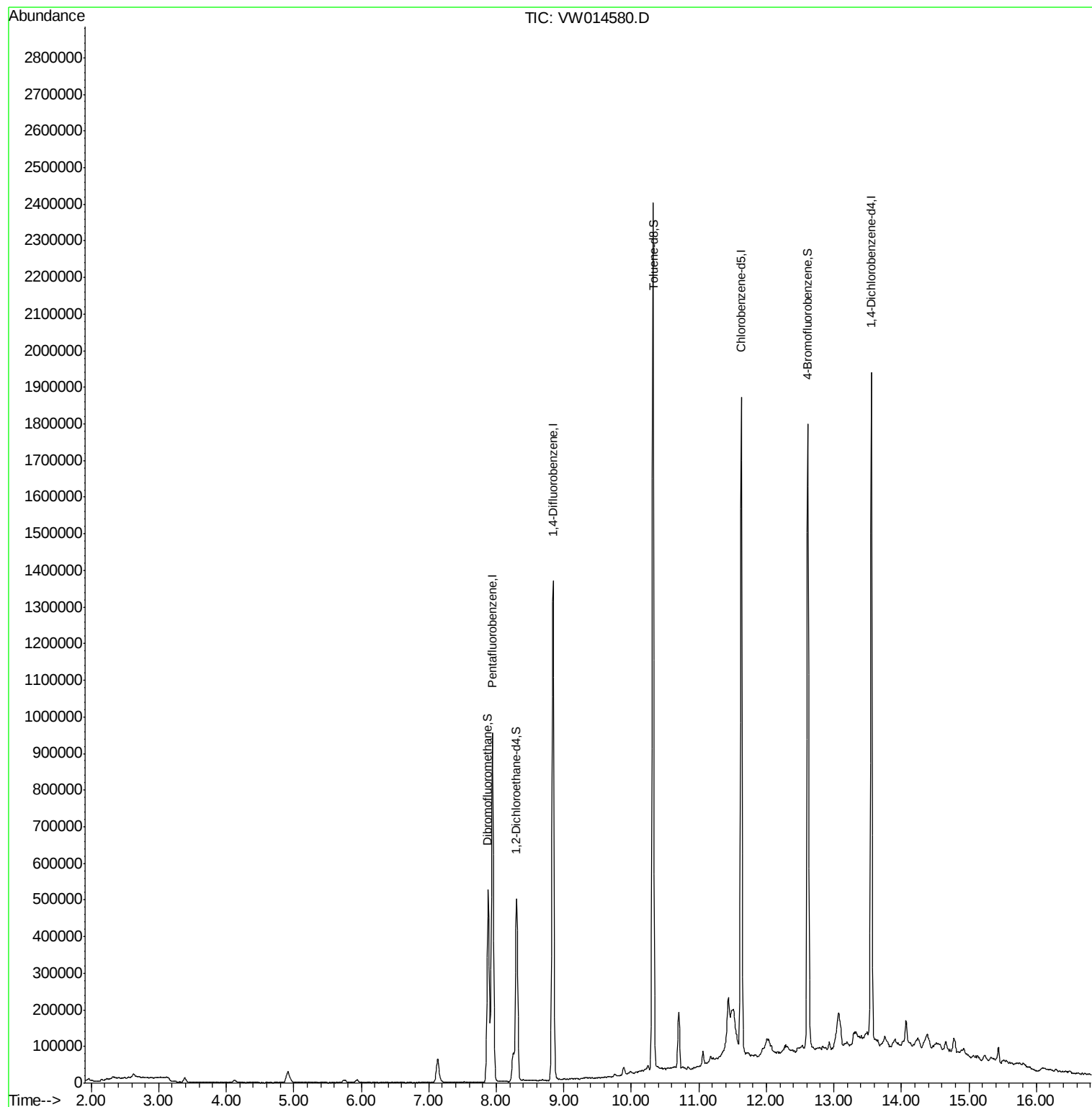
Target Compounds	Qvalue

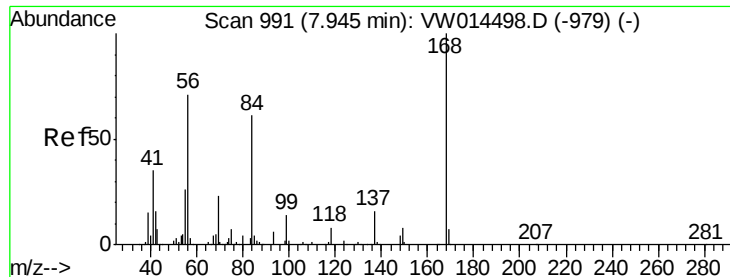
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 03 16:07:20 2020
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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: VW014580.D

Acq: 09 Jan 2020 14:17

Instrument :

MSVOA_W

ClientSampleId :

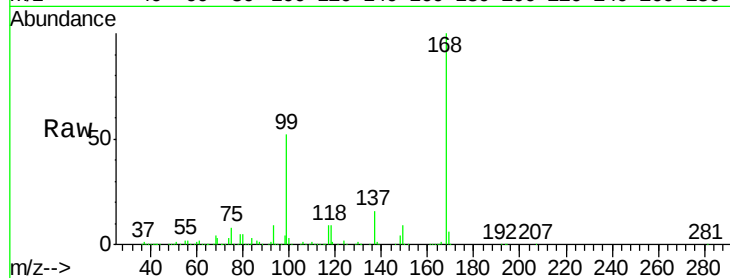
VIBLK

Tot Ion:168 Resp: 786177

Ion Ratio Lower Upper

168 100

99 52.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

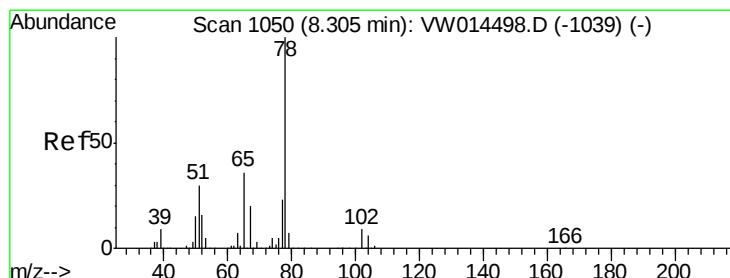
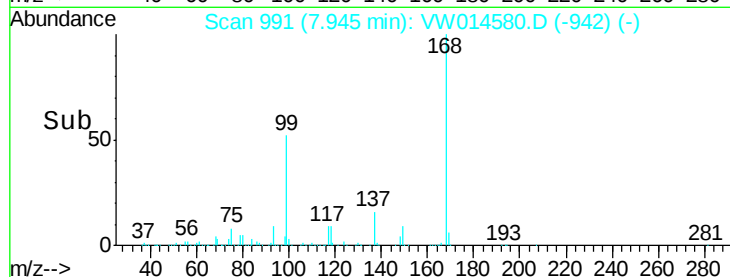
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 56.686 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014580.D

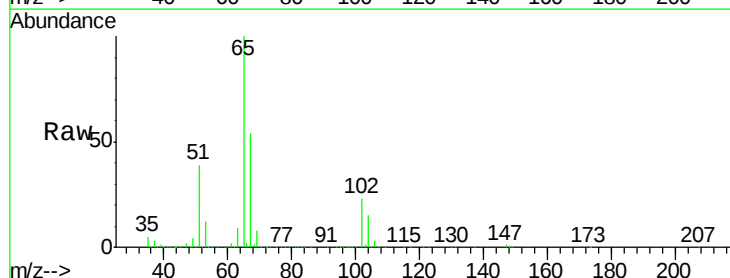
Acq: 09 Jan 2020 14:17

Tgt Ion: 65 Resp: 389643

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

200000

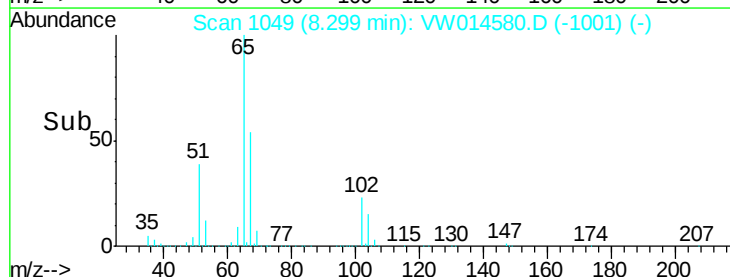
150000

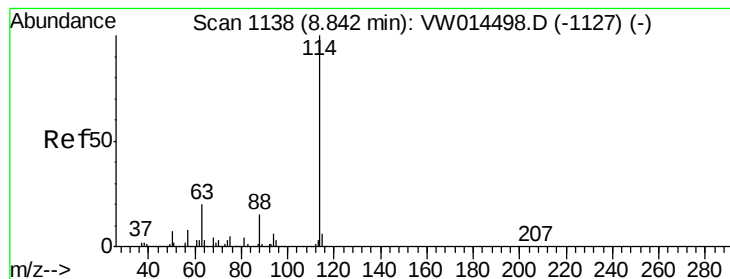
100000

50000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW014580.D

Acq: 09 Jan 2020 14:17

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

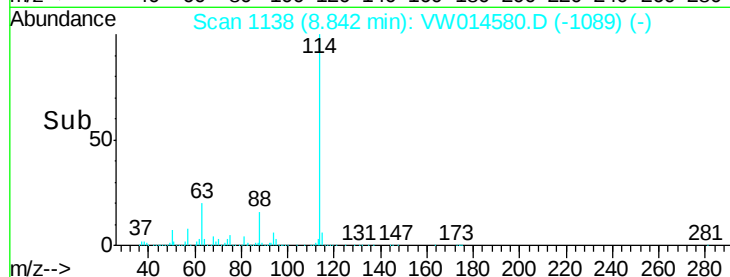
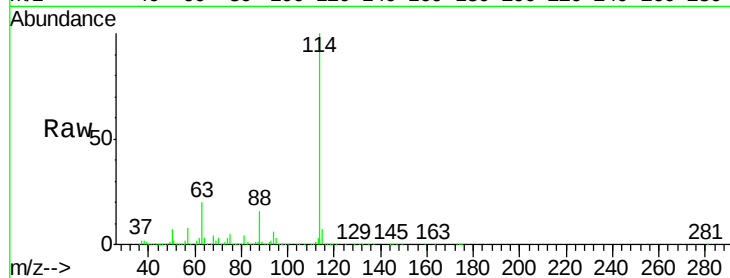
Tot Ion:114 Resp: 1205977

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.4

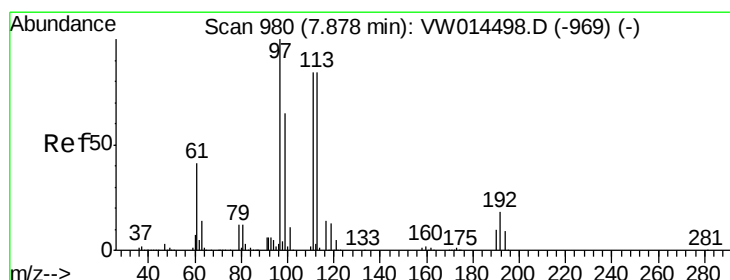
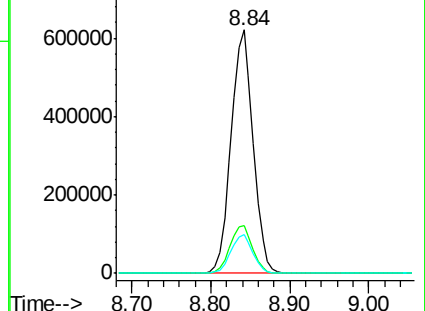
88 15.8 0.0 30.6



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: 56.412 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014580.D

Acq: 09 Jan 2020 14:17

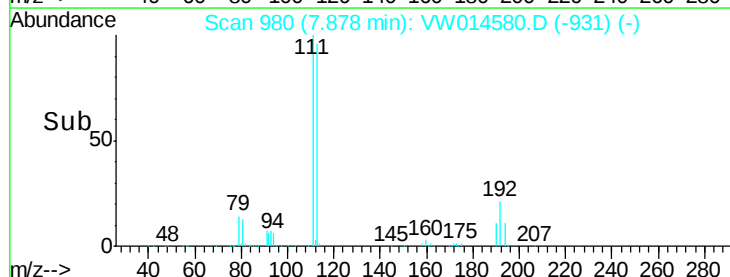
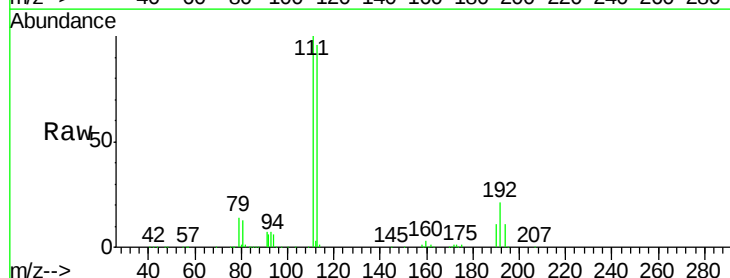
Tgt Ion:113 Resp: 388813

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.2

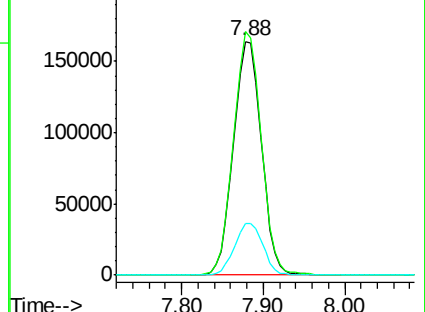
192 22.3 17.8 26.8

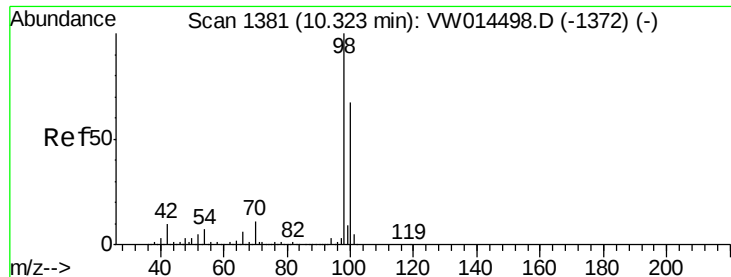


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.319 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014580.D

Acq: 09 Jan 2020 14:17

Instrument :

MSVOA_W

ClientSampled :

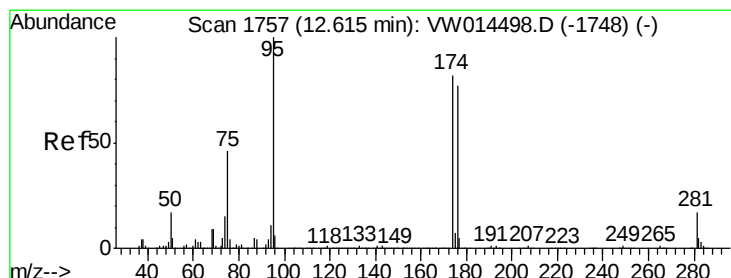
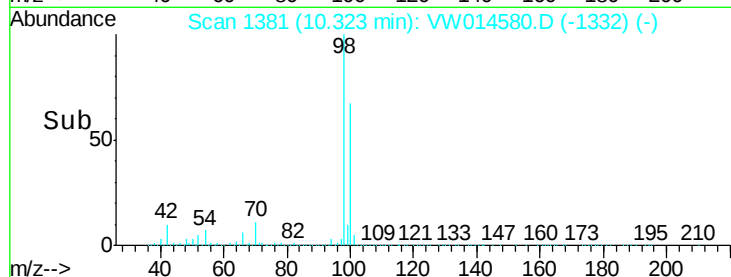
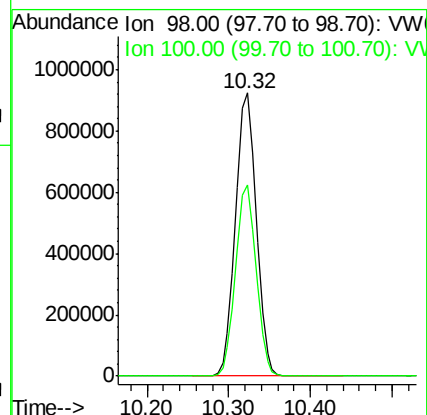
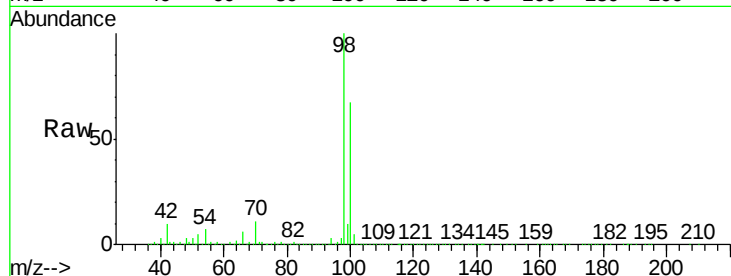
VIBLK

Tot Ion: 98 Resp: 1619940

Ion Ratio Lower Upper

98 100

100 67.0 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 57.790 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014580.D

Acq: 09 Jan 2020 14:17

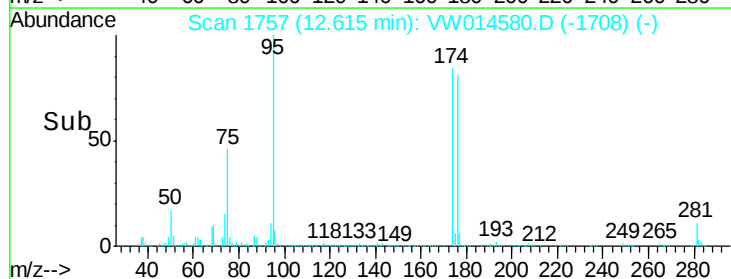
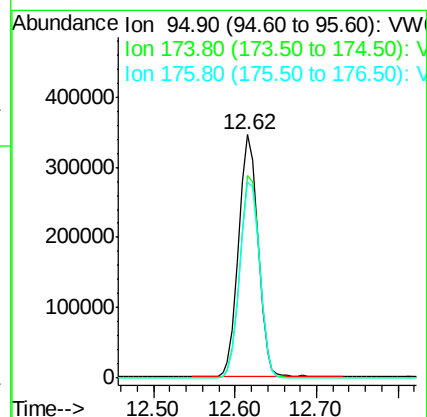
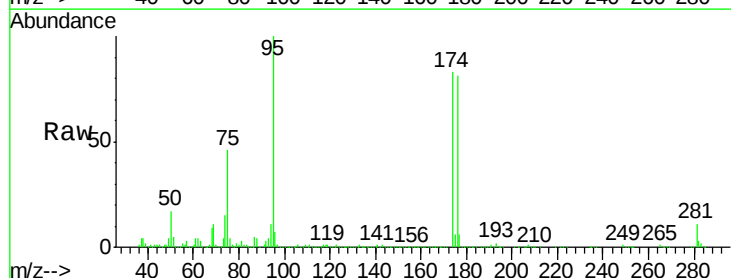
Tgt Ion: 95 Resp: 563810

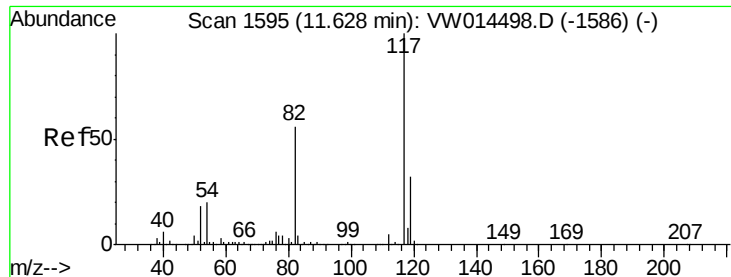
Ion Ratio Lower Upper

95 100

174 84.7 0.0 168.6

176 82.1 0.0 162.0

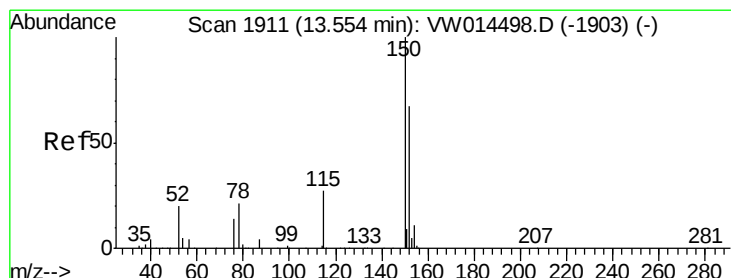
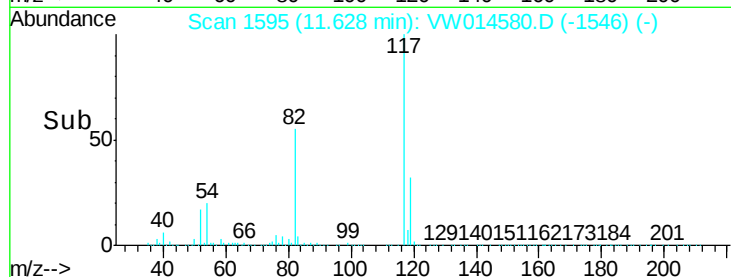
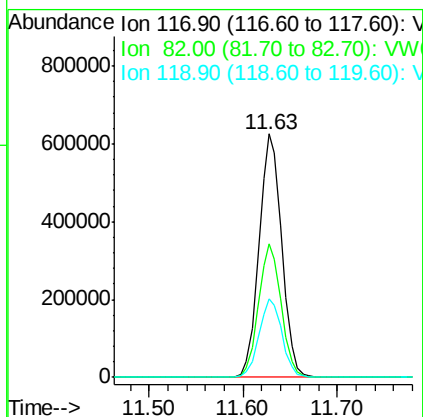
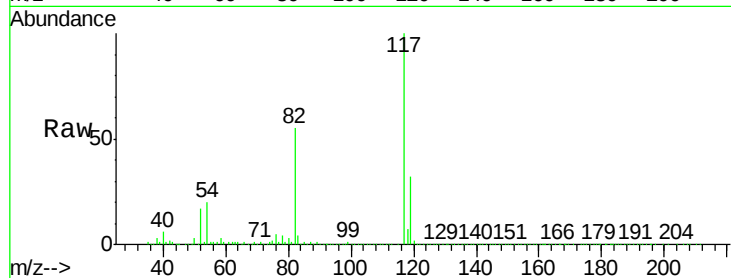




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014580.D
Acq: 09 Jan 2020 14:17

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 1060098
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014580.D
Acq: 09 Jan 2020 14:17

Tgt Ion:152 Resp: 507100
Ion Ratio Lower Upper
152 100
115 56.8 27.7 83.1
150 158.6 0.0 343.4

