

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014526.D
 Acq On : 06 Jan 2020 16:21
 Operator : SY/VA
 Sample : L1011-05RE
 Misc : 9.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-010220-0-1-GRAB-B7RE

Quant Time: Jan 07 03:14:39 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	536551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	824523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	648456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	220664	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	285356	60.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.66%	
35) Dibromofluoromethane	7.88	113	259754	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
50) Toluene-d8	10.32	98	938256	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.62	95	248491	37.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.50%	

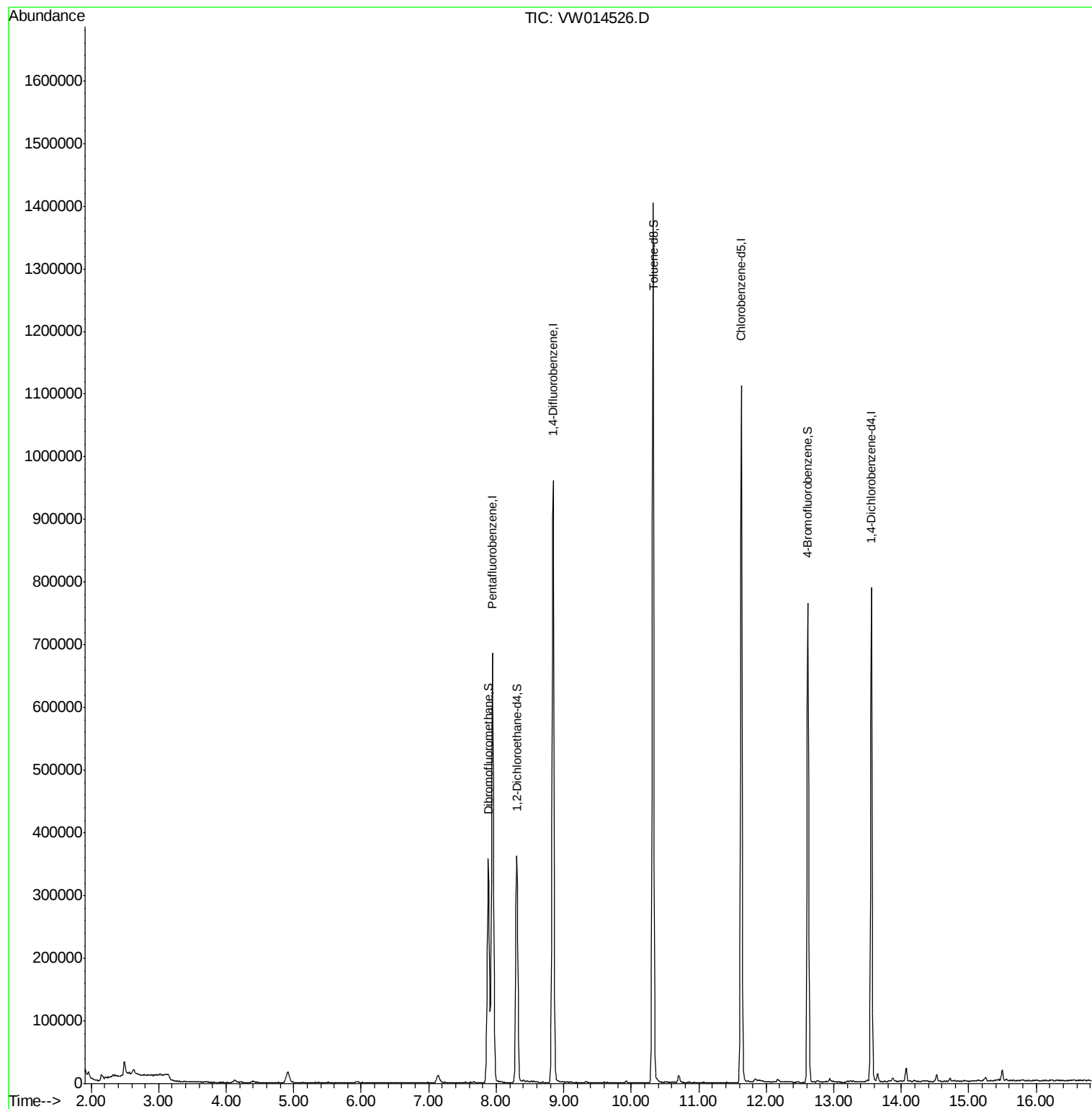
Target Compounds	Qvalue

(#) = 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

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Instrument :

MSVOA_W

ClientSampleId :

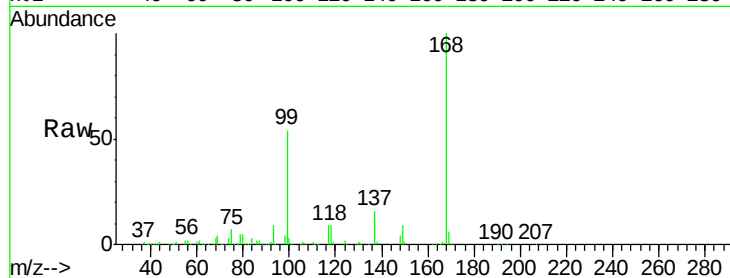
MC-010220-0-1-GRAB-B7RE

Tgt Ion: 168 Resp: 536551

Ion Ratio Lower Upper

168 100

99 54.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

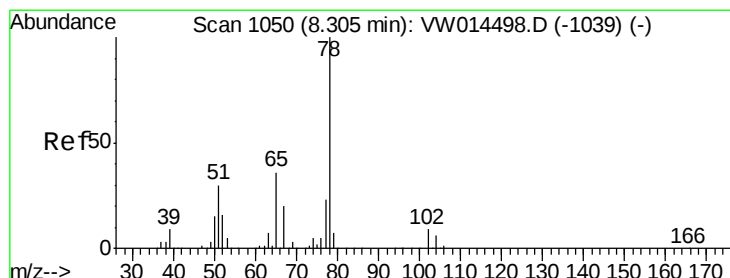
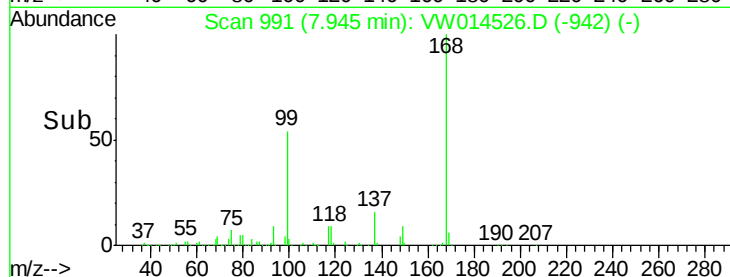
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.829 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014526.D

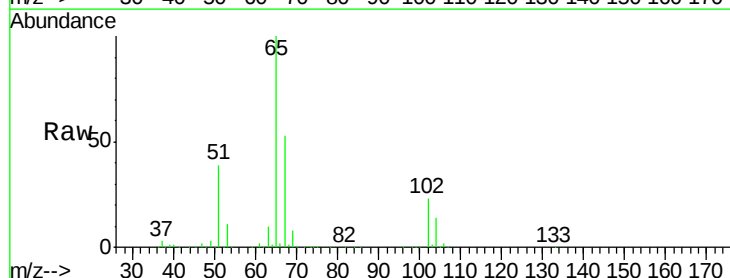
Acq: 06 Jan 2020 16:21

Tgt Ion: 65 Resp: 285356

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

150000

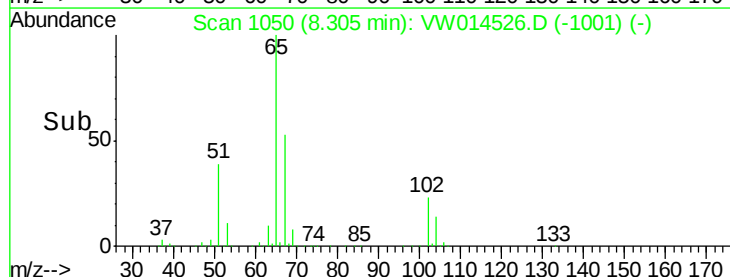
100000

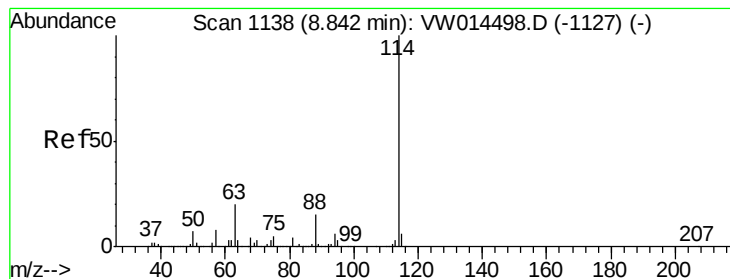
50000

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. 0.00 min

Lab File: VW014526.D

Acq: 06 Jan 2020 16:21

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-0-1-GRAB-B7RE

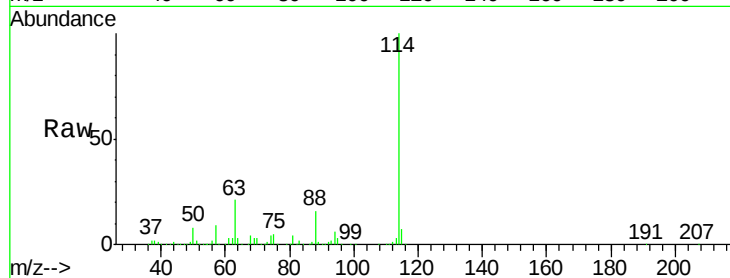
Tgt Ion:114 Resp: 824523

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.4

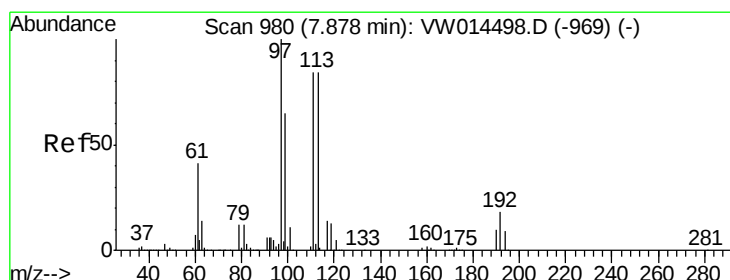
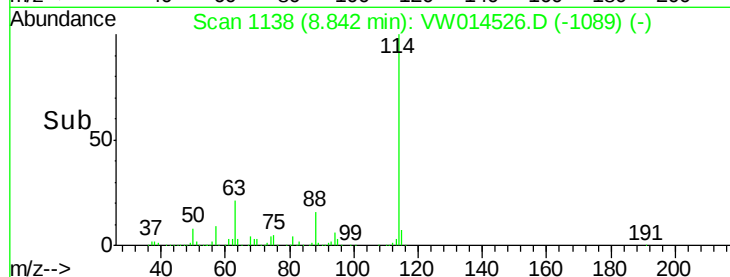
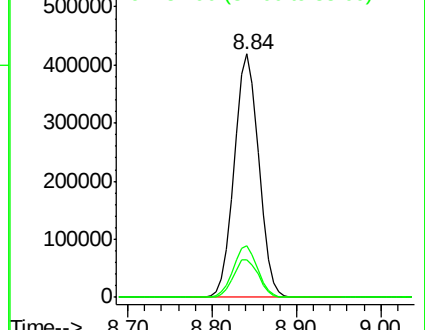
88 15.7 0.0 30.6



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: 55.123 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014526.D

Acq: 06 Jan 2020 16:21

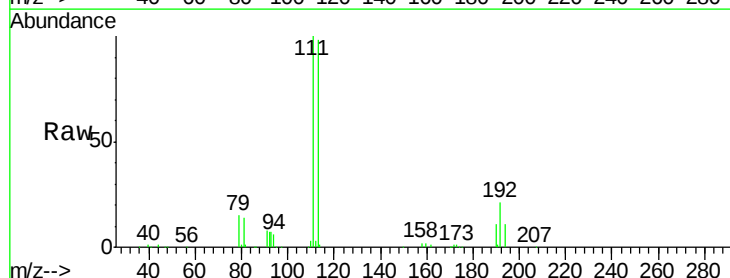
Tgt Ion:113 Resp: 259754

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.2

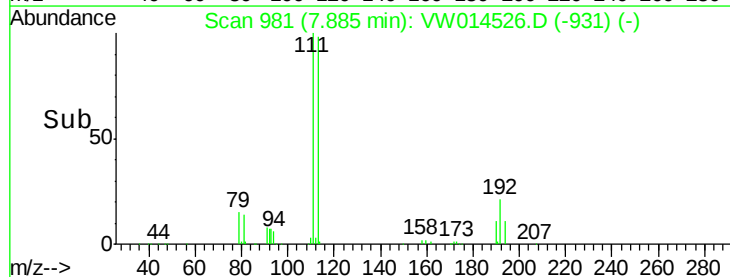
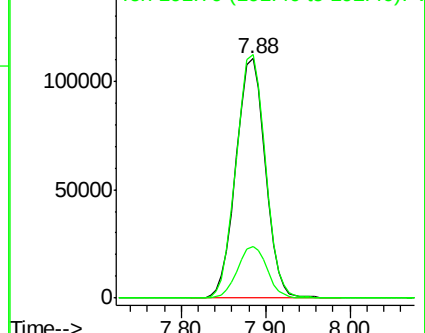
192 21.6 17.8 26.8

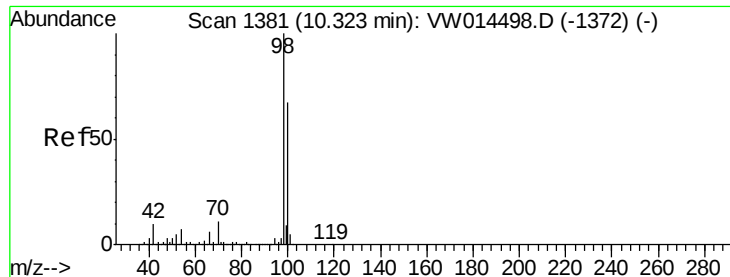


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.711 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014526.D

Acq: 06 Jan 2020 16:21

Instrument :

MSVOA_W

ClientSampleId :

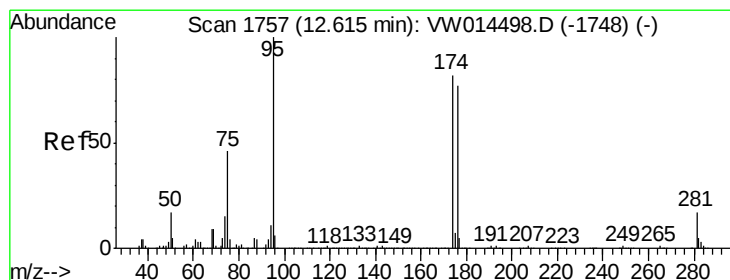
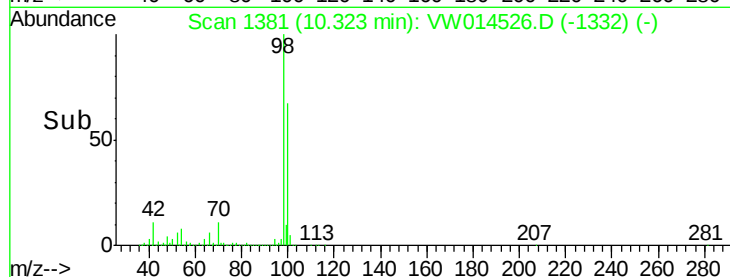
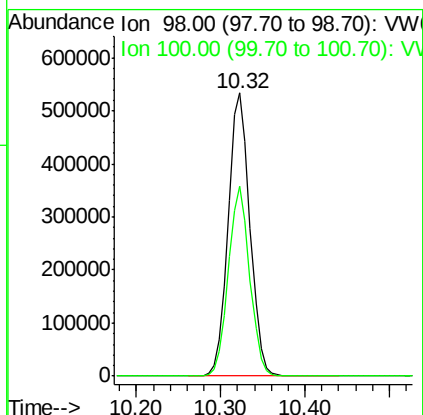
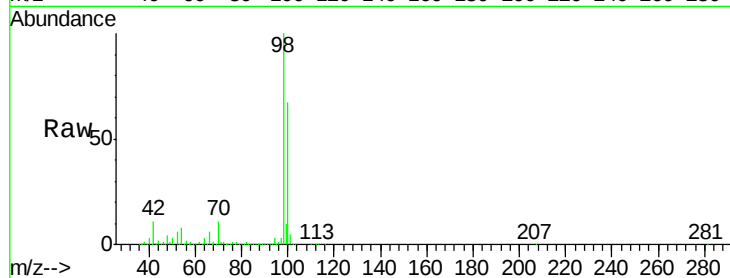
MC-010220-0-1-GRAB-B7RE

Tgt Ion: 98 Resp: 938256

Ion Ratio Lower Upper

98 100

100 65.9 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 37.253 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014526.D

Acq: 06 Jan 2020 16:21

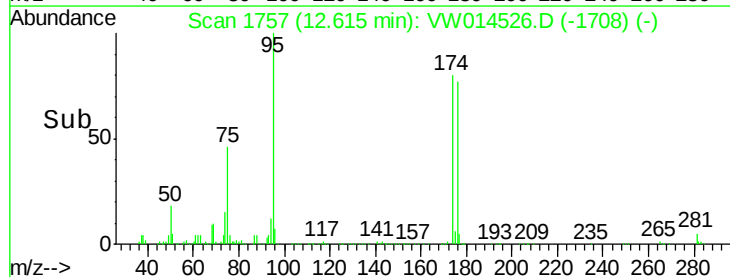
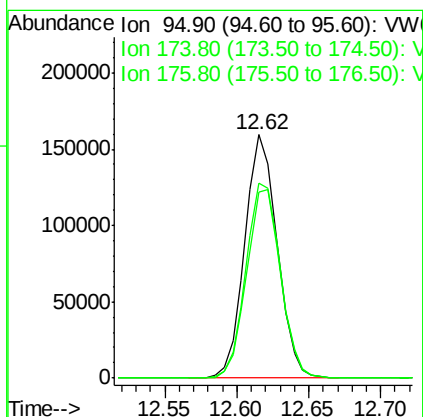
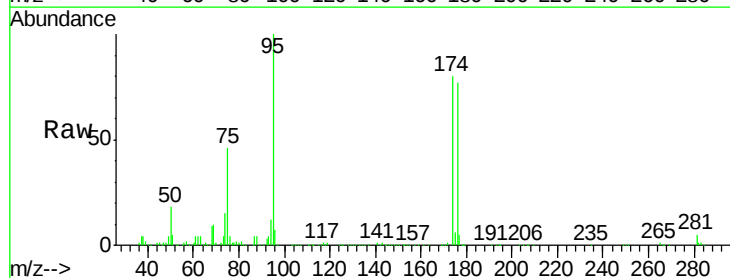
Tgt Ion: 95 Resp: 248491

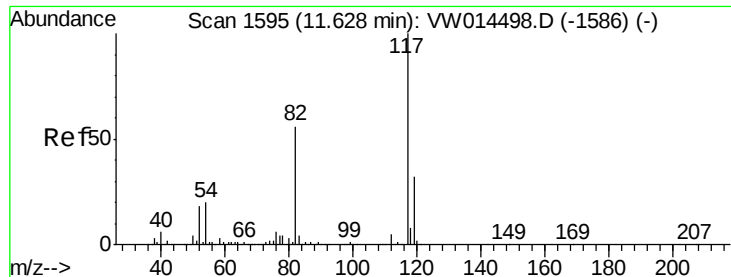
Ion Ratio Lower Upper

95 100

174 84.8 0.0 168.6

176 81.0 0.0 162.0

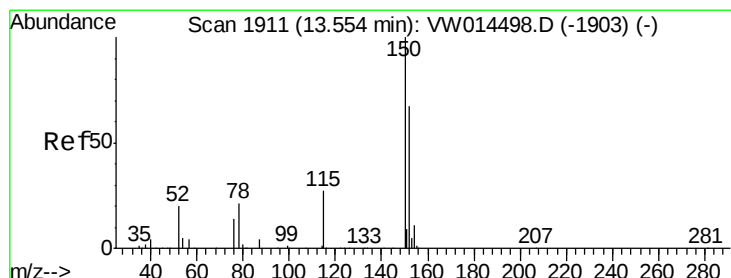
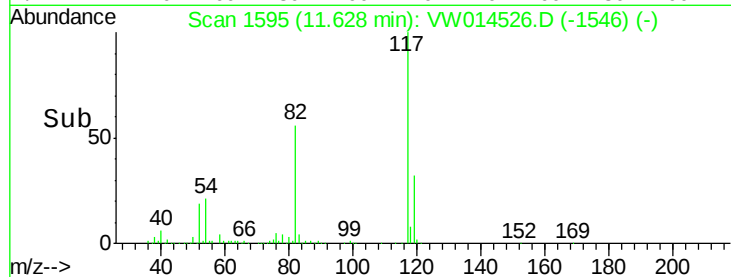
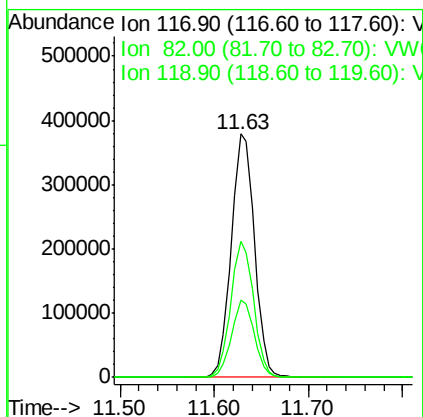
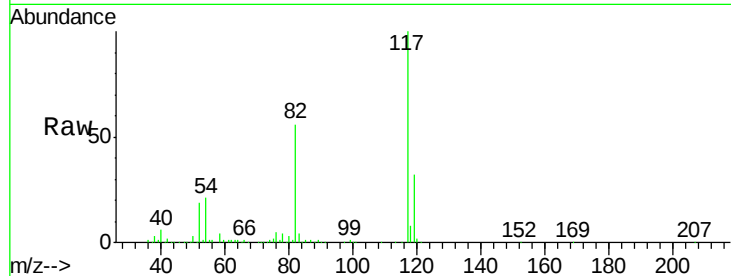




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014526.D
Acq: 06 Jan 2020 16:21

Instrument :
MSVOA_W
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MC-010220-0-1-GRAB-B7RE

Tgt Ion:117 Resp: 648456
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 31.6 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: VW014526.D
Acq: 06 Jan 2020 16:21

Tgt Ion:152 Resp: 220664
Ion Ratio Lower Upper
152 100
115 57.4 27.7 83.1
150 157.4 0.0 343.4

