

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014537.D
 Acq On : 06 Jan 2020 21:10
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jan 07 04:22:56 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	747503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1177509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1054861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	507302	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	386730	59.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.34%	
35) Dibromofluoromethane	7.88	113	365904	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.32	98	1474425	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.61	95	513769	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	

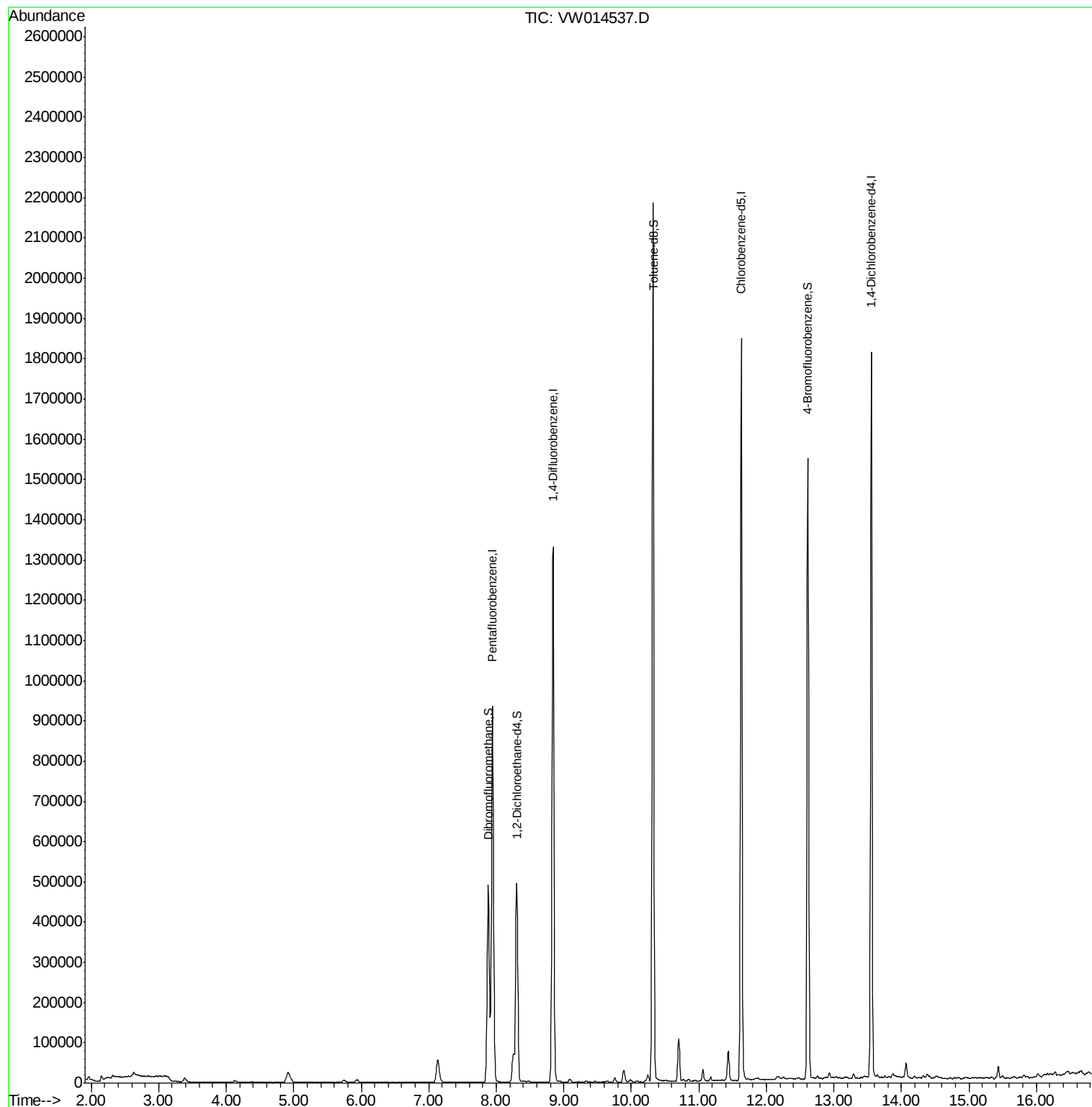
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

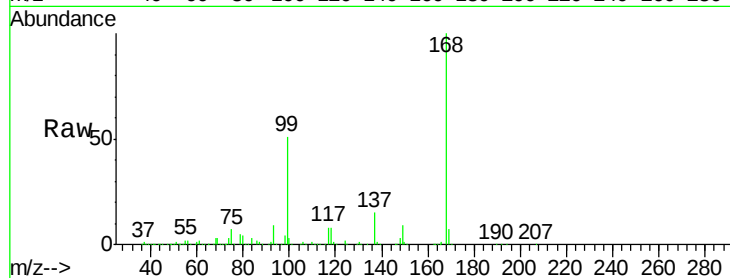
VIBLK

Tgt Ion:168 Resp: 747503

Ion Ratio Lower Upper

168 100

99 51.4 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

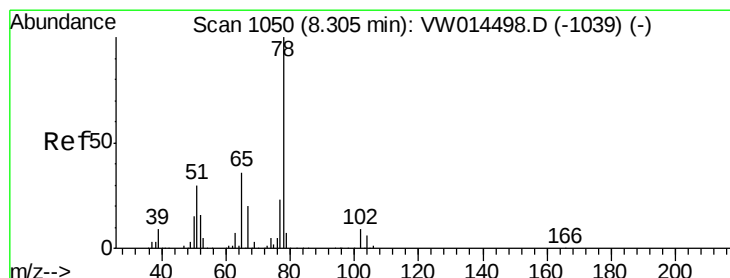
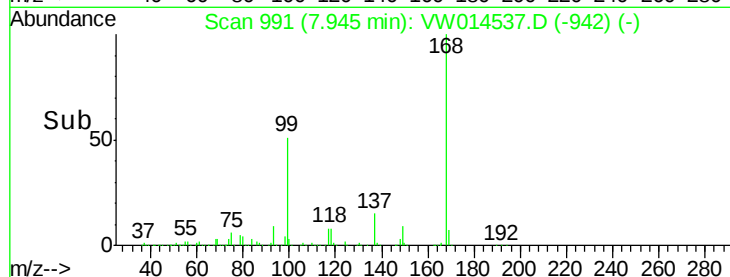
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.173 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW014537.D

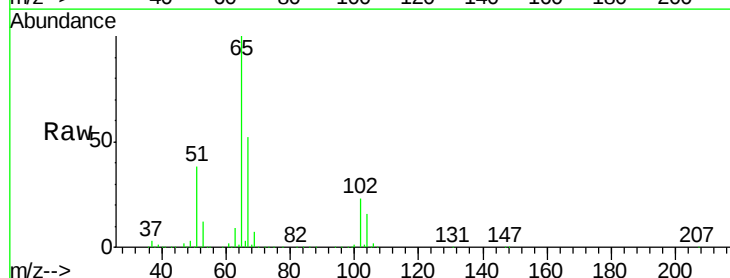
Acq: 06 Jan 2020 21:10

Tgt Ion: 65 Resp: 386730

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

200000

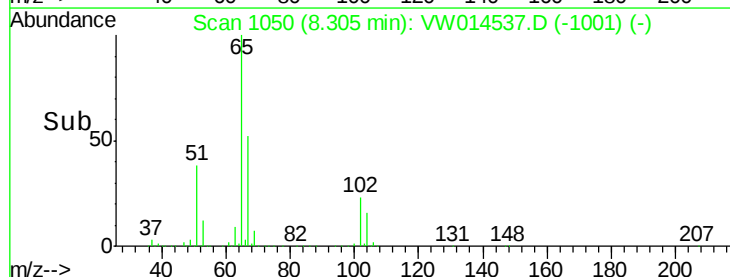
150000

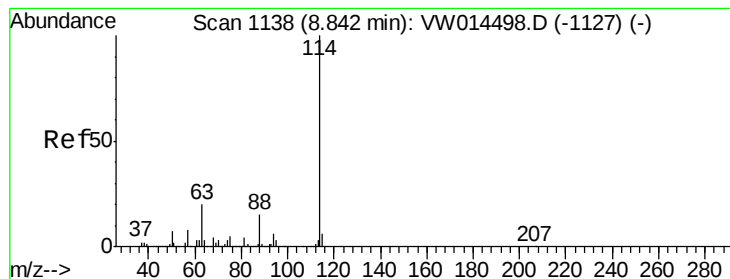
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW014537.D

Acq: 06 Jan 2020 21:10

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

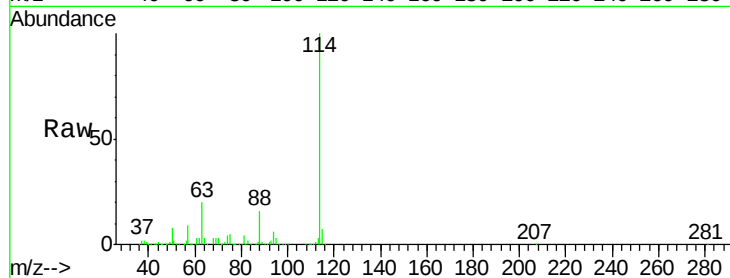
Tgt Ion:114 Resp: 1177509

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.4

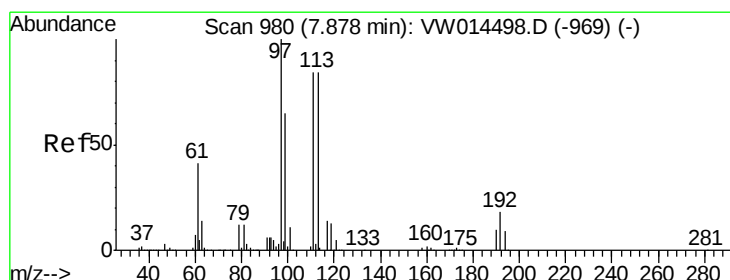
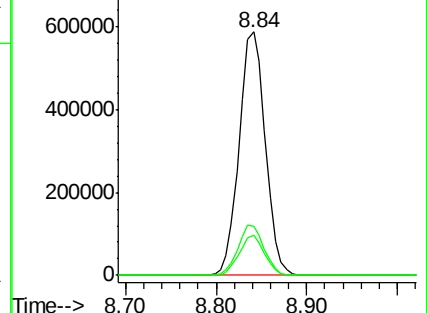
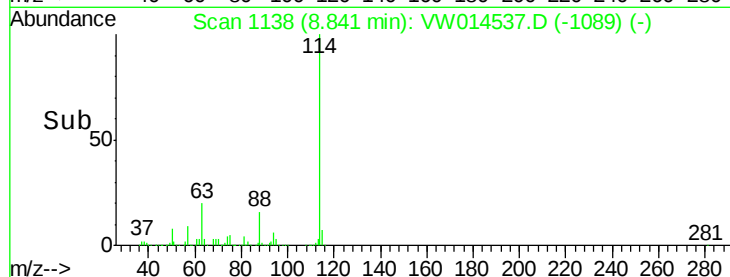
88 16.4 0.0 30.6



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: 54.372 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014537.D

Acq: 06 Jan 2020 21:10

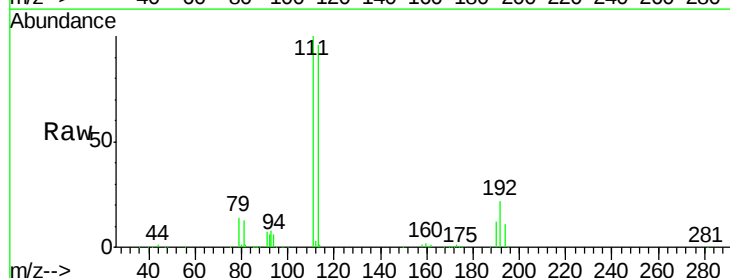
Tgt Ion:113 Resp: 365904

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

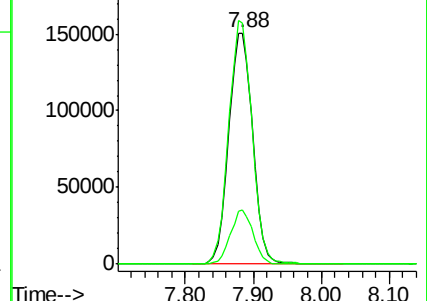
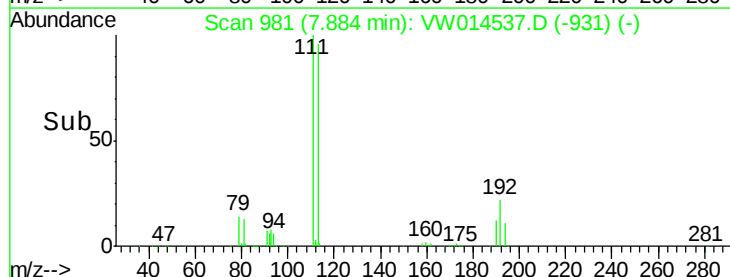
192 22.2 17.8 26.8

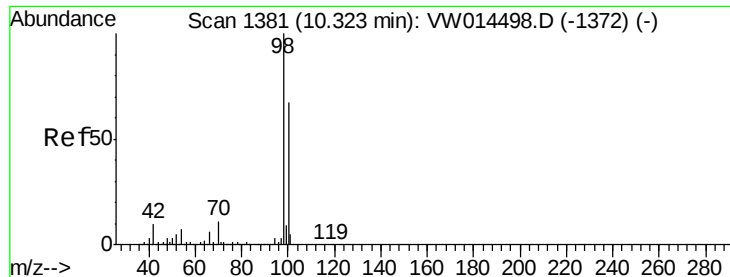


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.499 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

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Acq: 06 Jan 2020 21:10

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MSVOA_W

ClientSampleId :

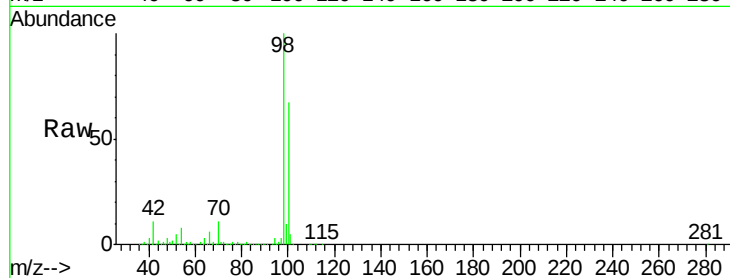
VIBLK

Tgt Ion: 98 Resp: 1474425

Ion Ratio Lower Upper

98 100

100 66.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

800000

600000

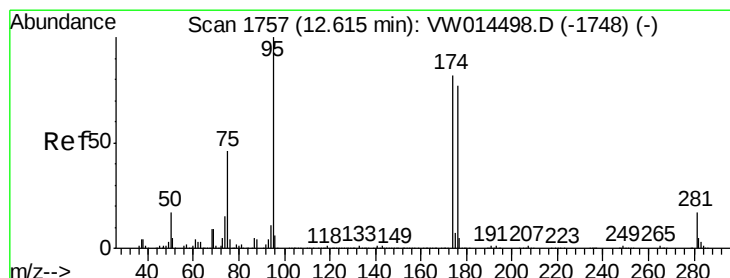
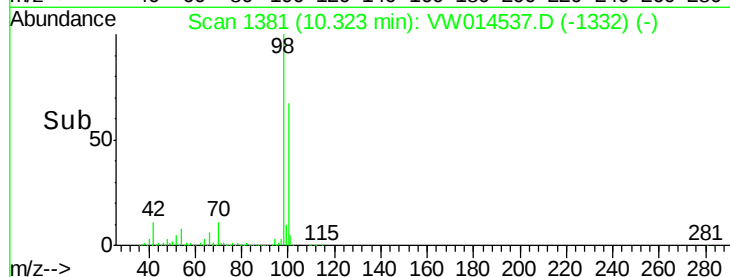
400000

200000

0

Time-->

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 53.934 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014537.D

Acq: 06 Jan 2020 21:10

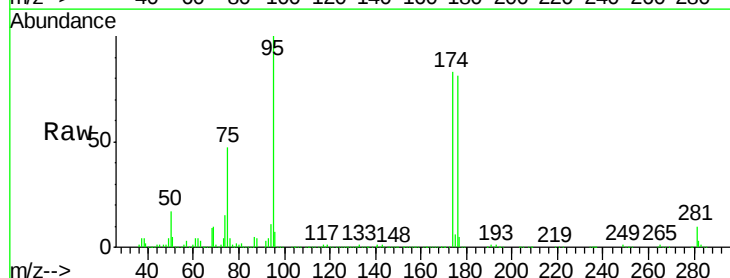
Tgt Ion: 95 Resp: 513769

Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.6

176 81.4 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.61

400000

300000

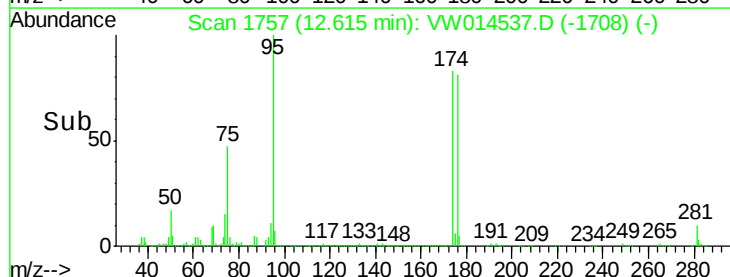
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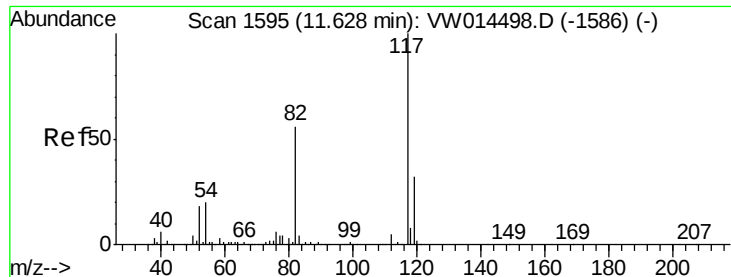
100000

0

Time-->

12.50 12.60 12.70

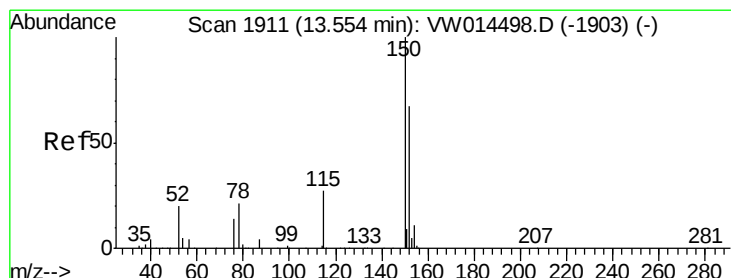
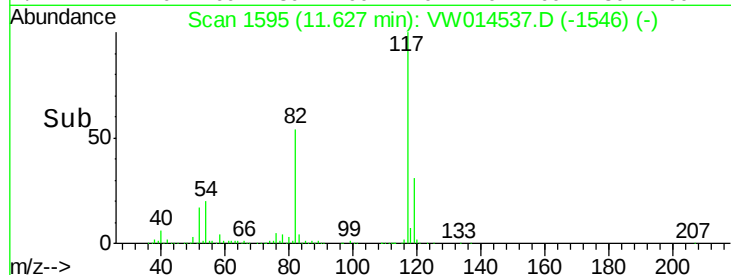
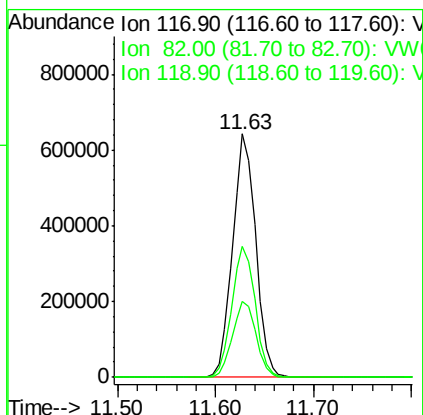
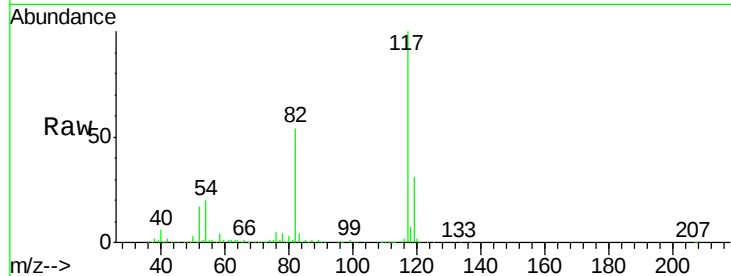




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014537.D
Acq: 06 Jan 2020 21:10

Instrument :
MSVOA_W
ClientSampled :
VIBLK

Tgt Ion:117 Resp: 1054861
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014537.D
Acq: 06 Jan 2020 21:10

Tgt Ion:152 Resp: 507302
Ion Ratio Lower Upper
152 100
115 55.9 27.7 83.1
150 156.7 0.0 343.4

