

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020902.D
 Acq On : 22 Jan 2025 16:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 23 00:47:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.726	168	217126	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	369732	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	321882	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	121125	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	105049	56.922	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.840%
35) Dibromofluoromethane	7.652	113	115739	49.966	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.940%
50) Toluene-d8	10.115	98	436177	54.017	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.414	95	135908	45.578	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.160%

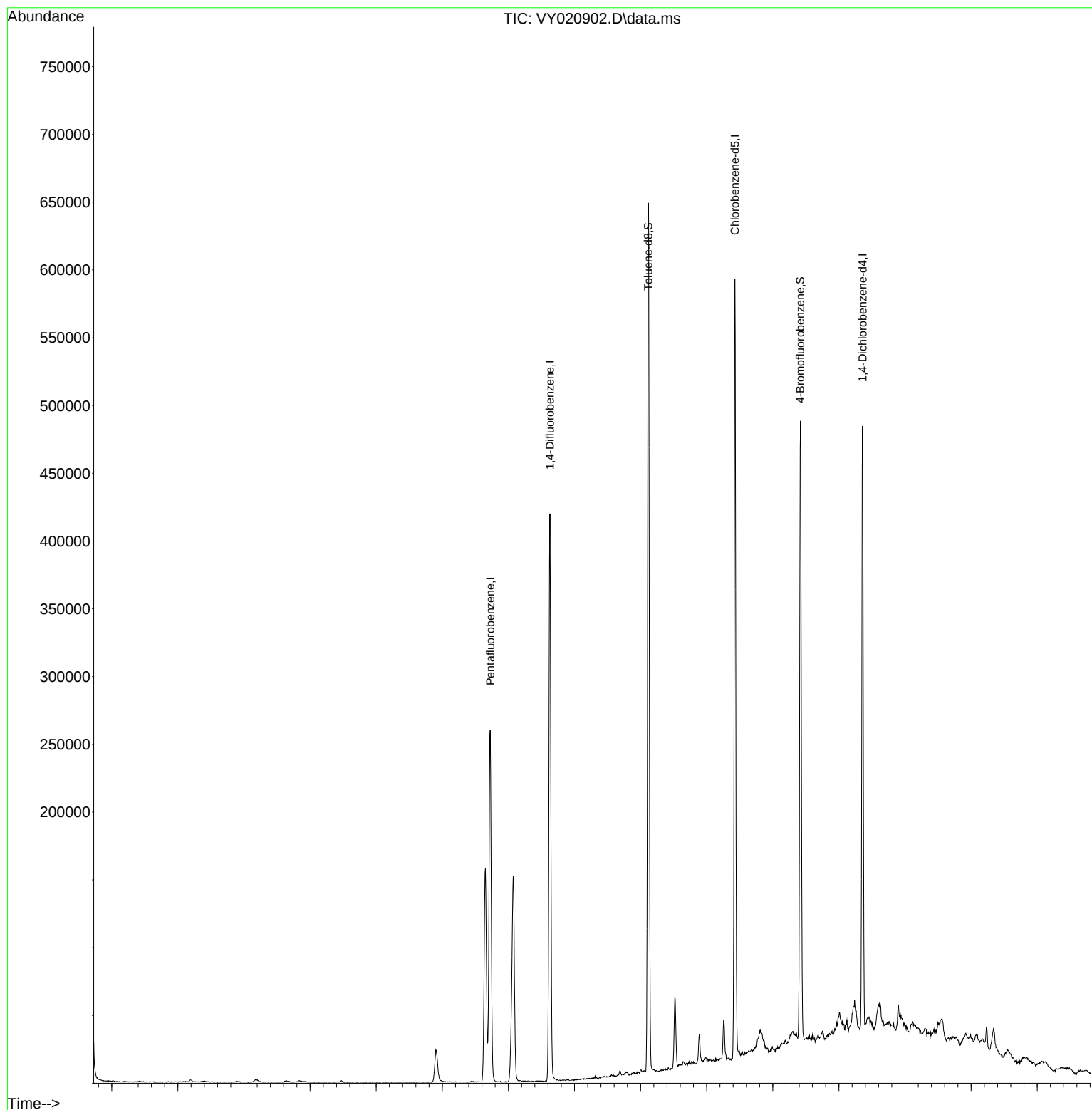
Target Compounds	Qvalue

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

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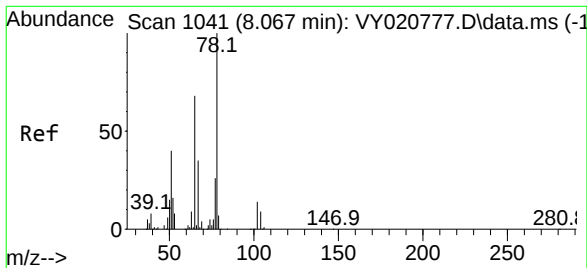
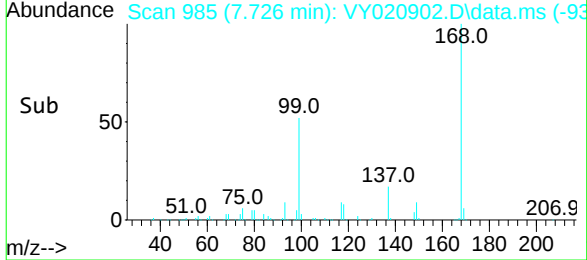
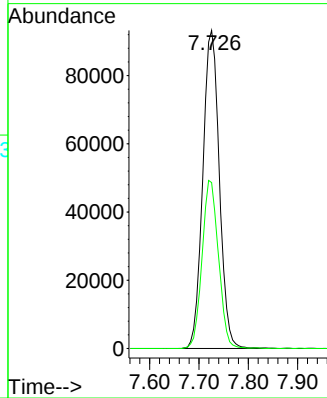
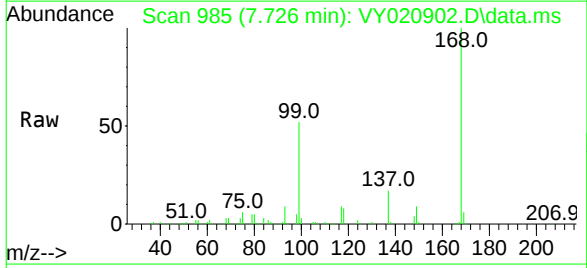




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. -0.011 min
Lab File: VY020902.D
Acq: 22 Jan 2025 16:28

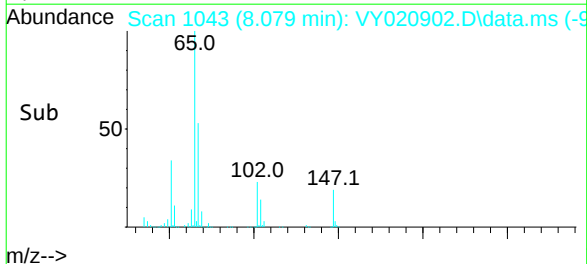
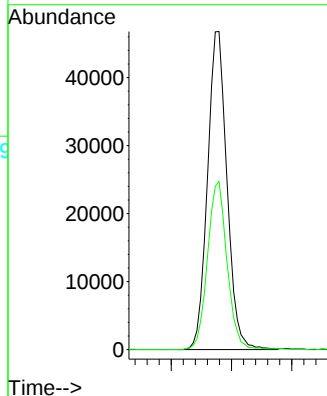
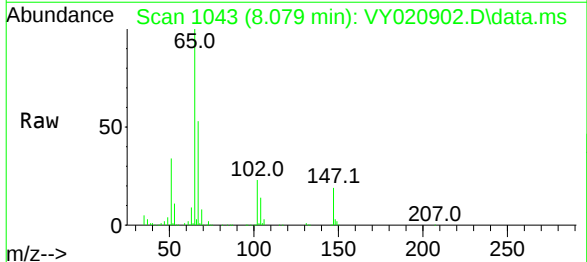
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

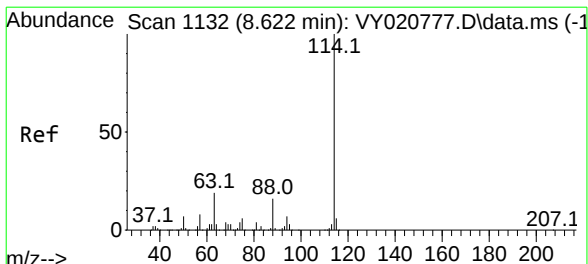
Tgt Ion:168 Resp: 217126
Ion Ratio Lower Upper
168 100
99 52.2 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 56.922 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020902.D
Acq: 22 Jan 2025 16:28

Tgt Ion: 65 Resp: 105049
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.8

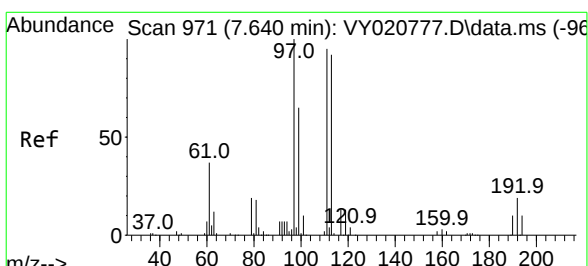
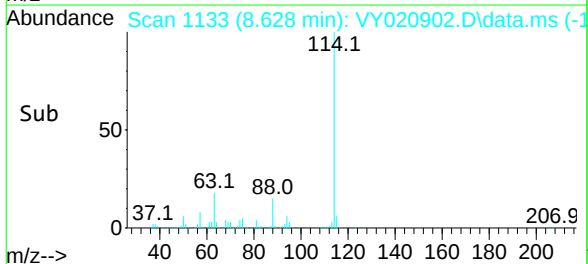
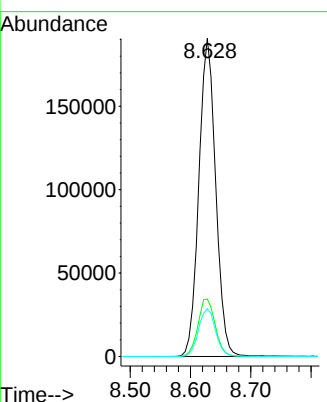
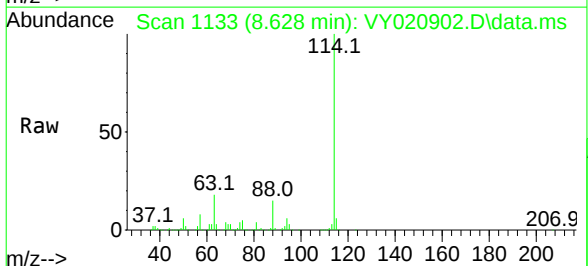




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1133
 Delta R.T. -0.012 min
 Lab File: VY020902.D
 Acq: 22 Jan 2025 16:28

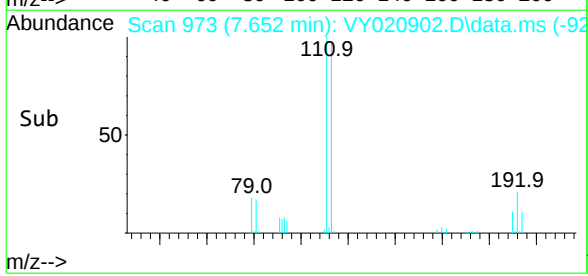
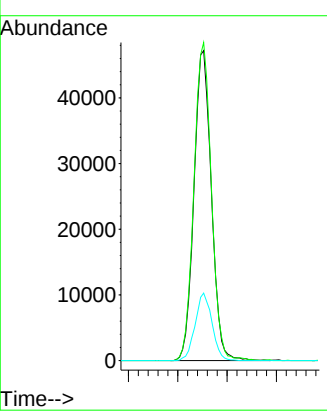
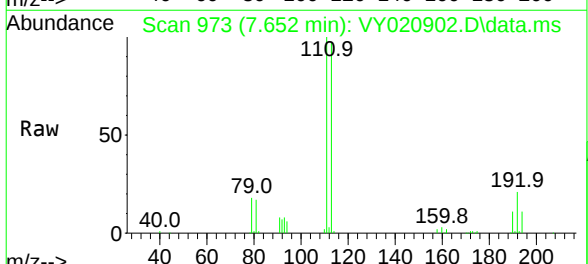
Instrument :
 MSVOA_Y
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 VIBLK

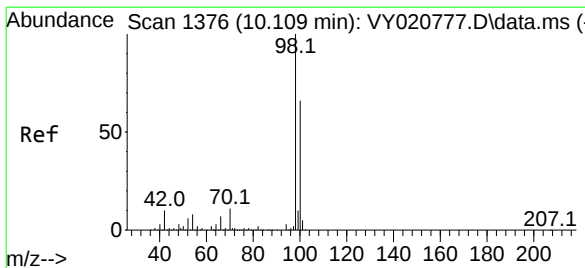
Tgt Ion:	114	Resp:	369732
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.4
88	15.0	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 49.966 ug/l
 RT: 7.652 min Scan# 973
 Delta R.T. -0.012 min
 Lab File: VY020902.D
 Acq: 22 Jan 2025 16:28

Tgt Ion:	113	Resp:	115739
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	21.1	16.7	25.1





#50

Toluene-d8

Concen: 54.017 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.018 min

Lab File: VY020902.D

Acq: 22 Jan 2025 16:28

Instrument :

MSVOA_Y

ClientSampleId :

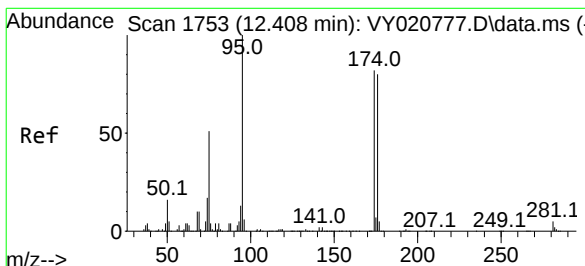
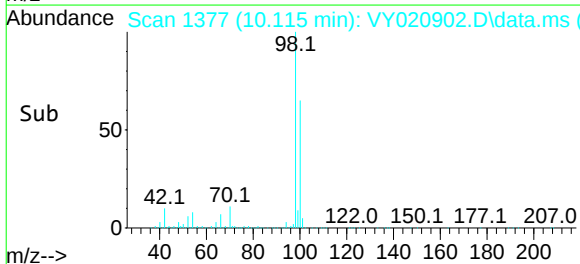
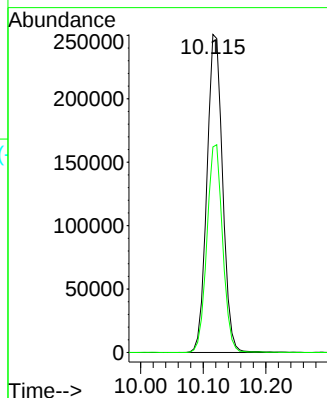
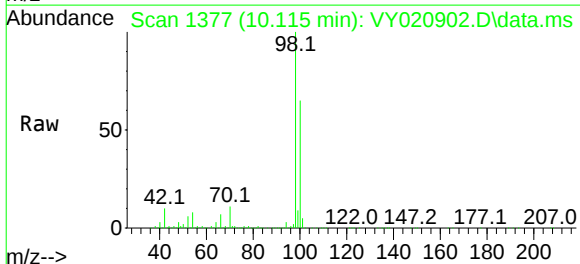
VIBLK

Tgt Ion: 98 Resp: 436177

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.578 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.012 min

Lab File: VY020902.D

Acq: 22 Jan 2025 16:28

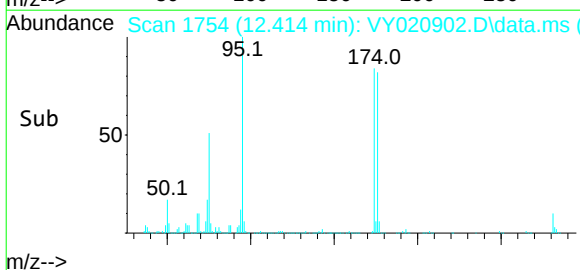
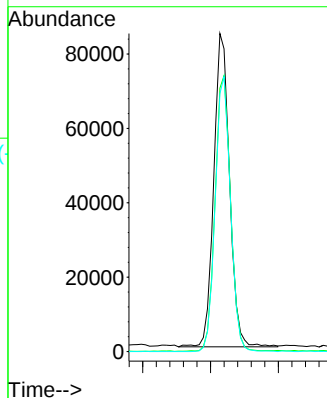
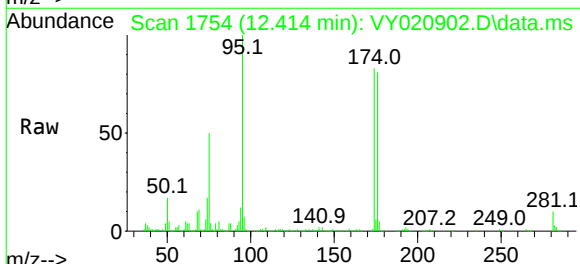
Tgt Ion: 95 Resp: 135908

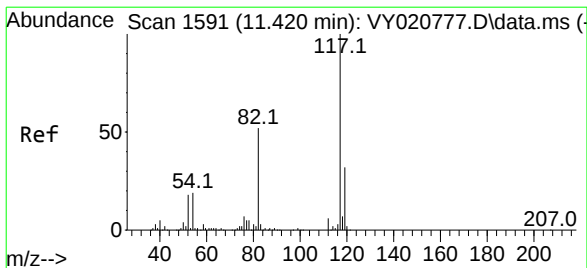
Ion Ratio Lower Upper

95 100

174 86.2 0.0 178.0

176 84.9 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020902.D

Acq: 22 Jan 2025 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

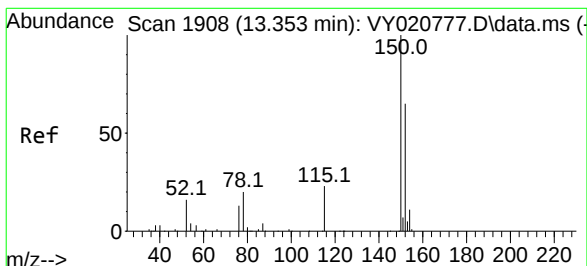
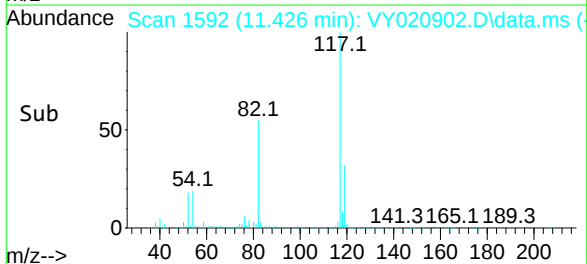
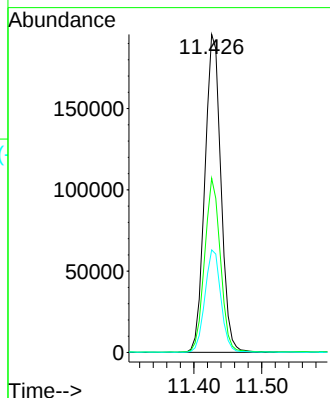
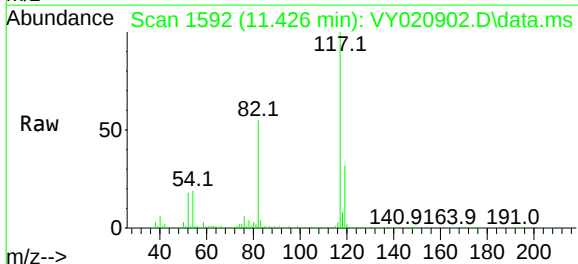
Tgt Ion:117 Resp: 321882

Ion Ratio Lower Upper

117 100

82 54.6 41.8 62.6

119 32.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY020902.D

Acq: 22 Jan 2025 16:28

Tgt Ion:152 Resp: 121125

Ion Ratio Lower Upper

152 100

115 57.7 29.0 87.0

150 156.8 0.0 347.4

