

Appendix 3

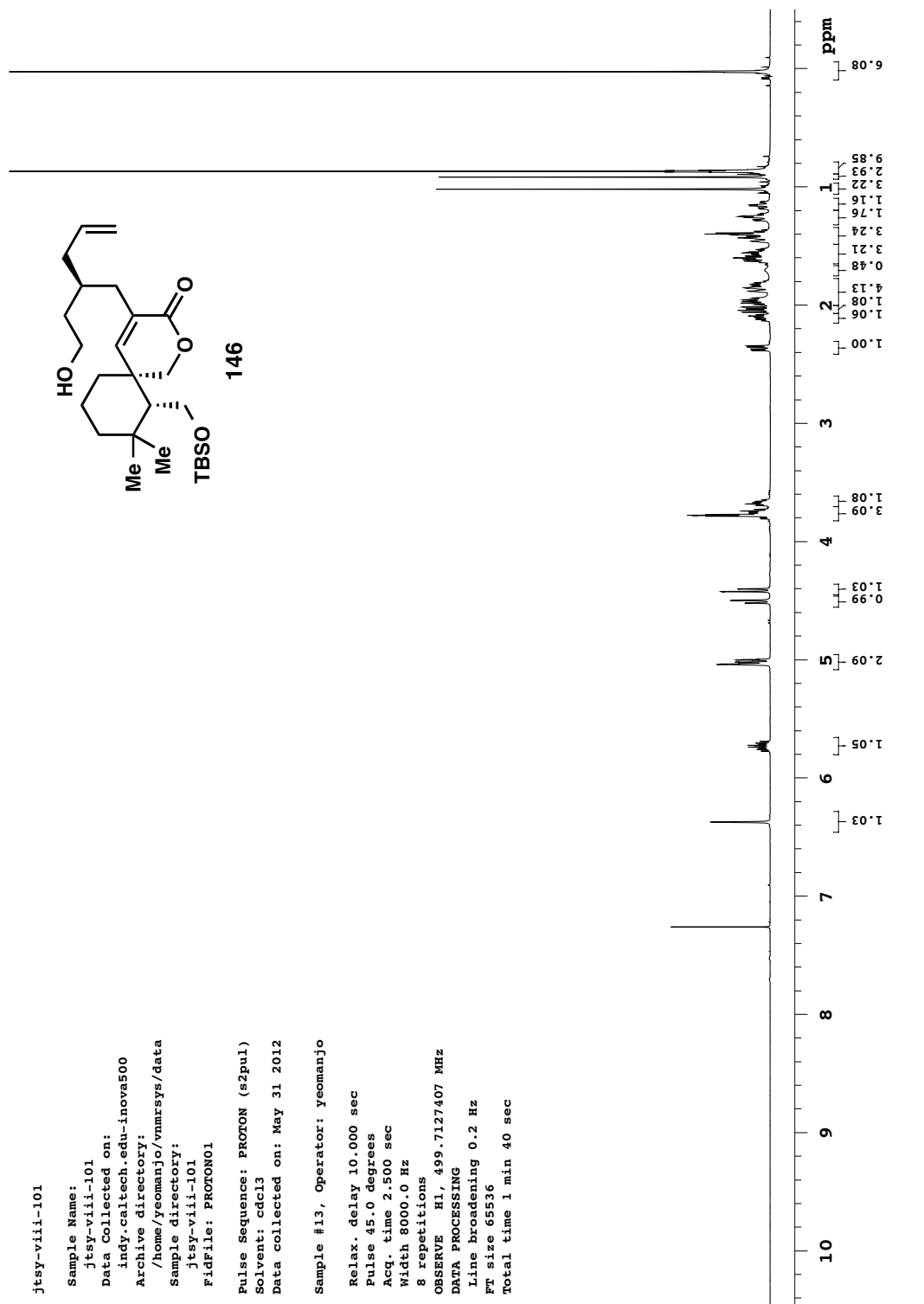
*Spectra Relevant to Chapter 3:
Total Syntheses of (–)-Trichorabdal A and (–)-Longikaurin E*

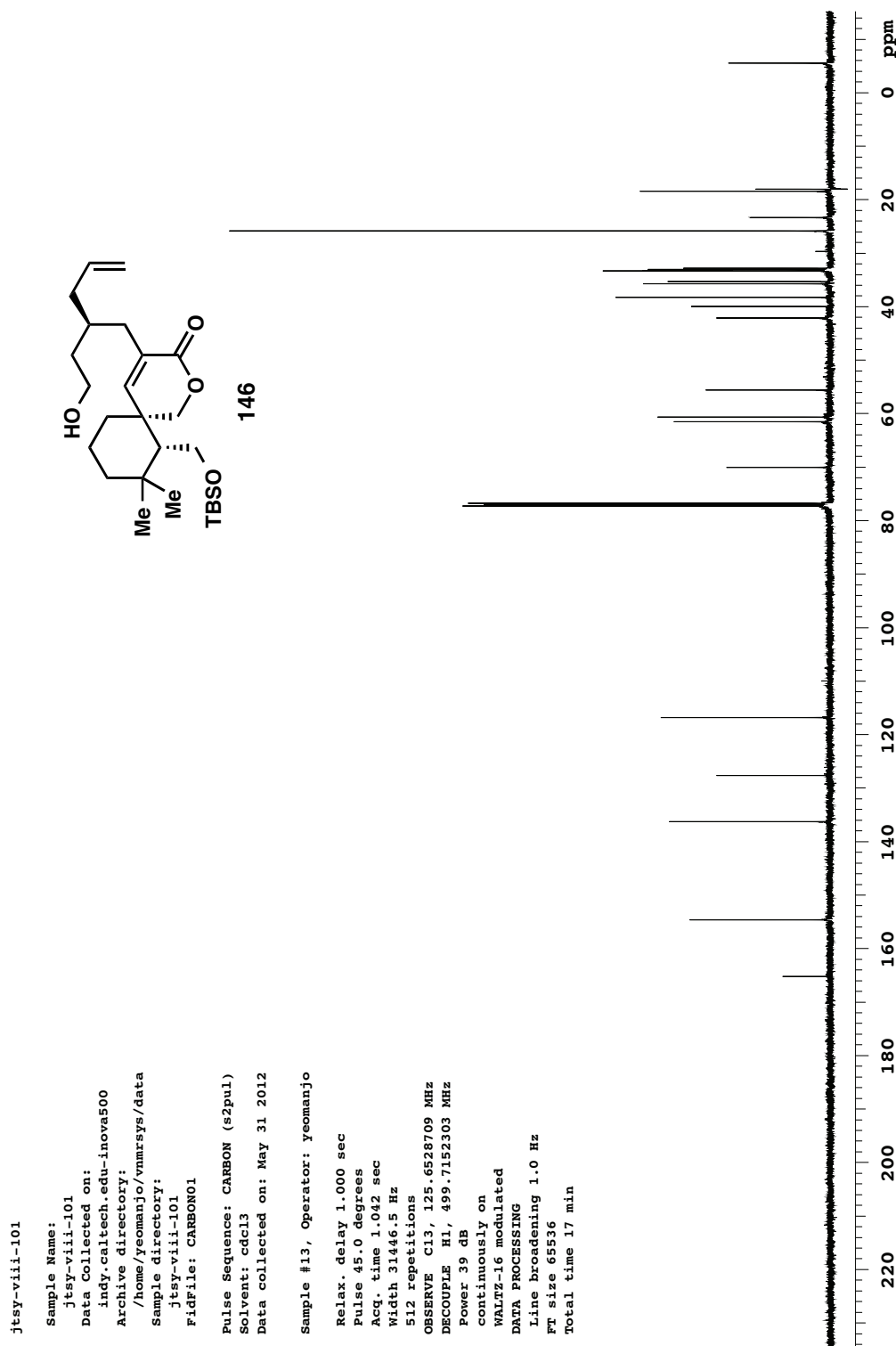
jtsy-viii-101

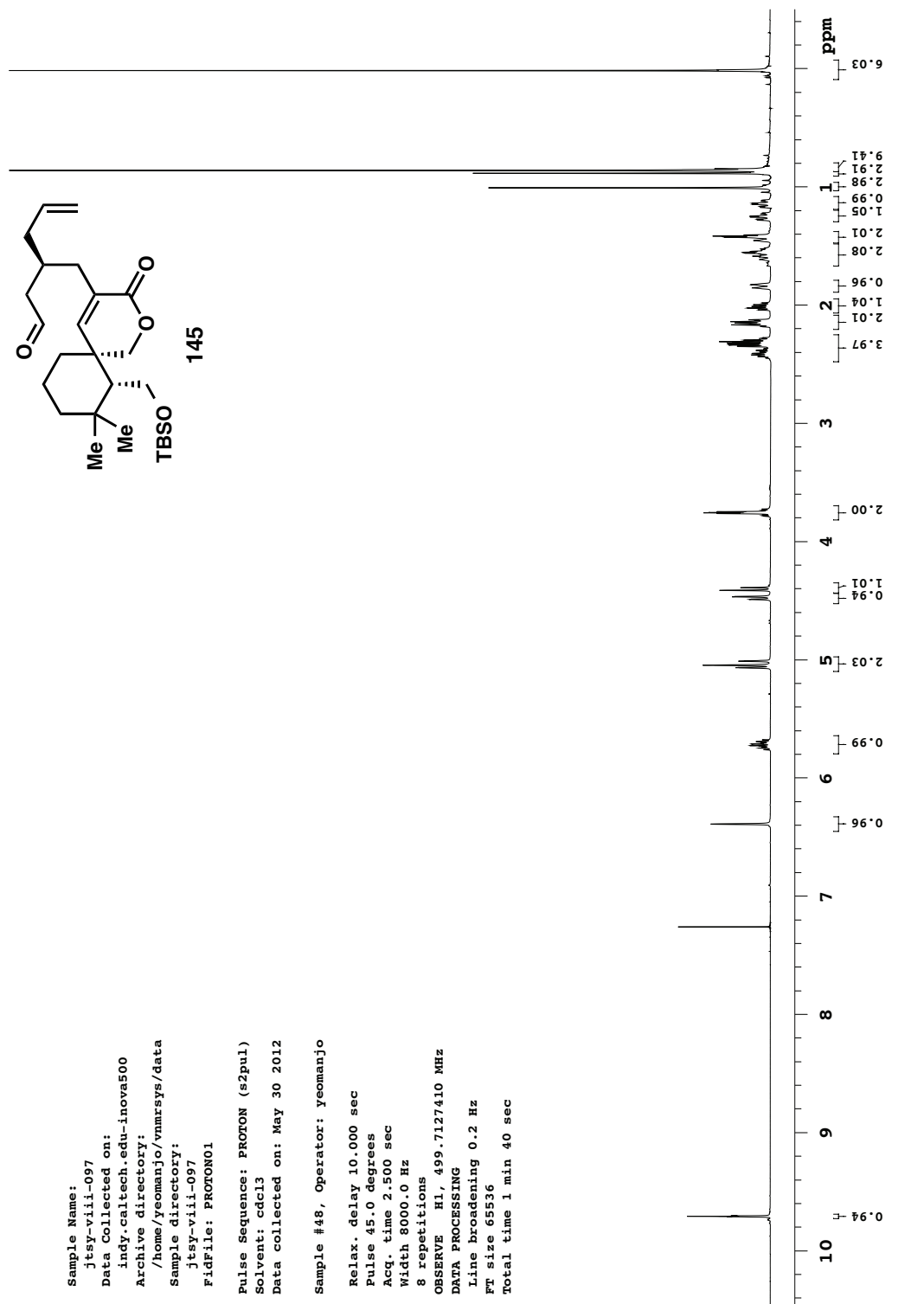
Sample Name:
jtsy-viii-101
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/yeomanjo/vnmrsys/data
Sample directory:
jtsy-viii-101
Fidfile: PROTON01

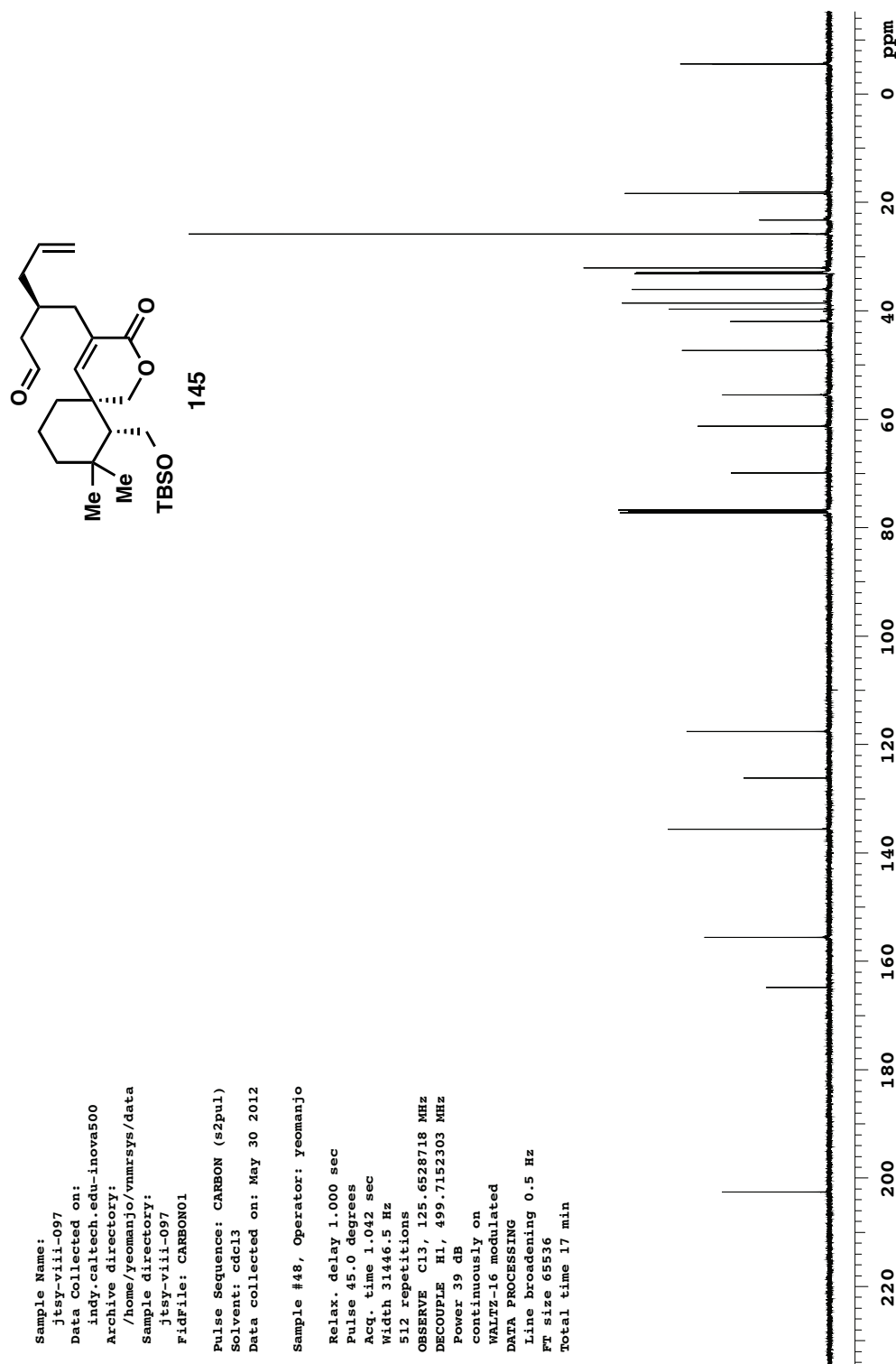
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: May 31 2012

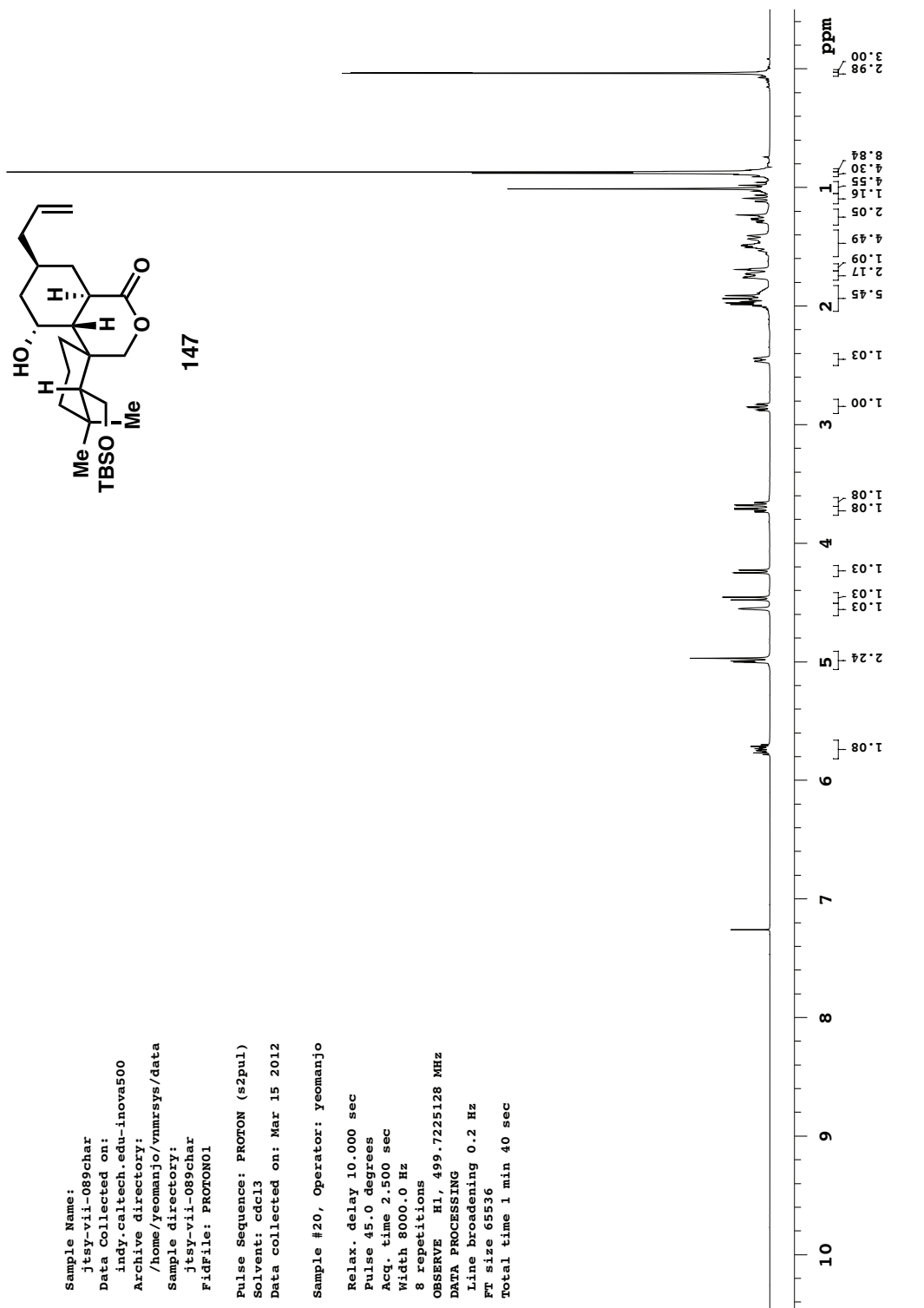
Sample #13, Operator: yeomanjo
Relax. delay 10.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7127407 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 40 sec

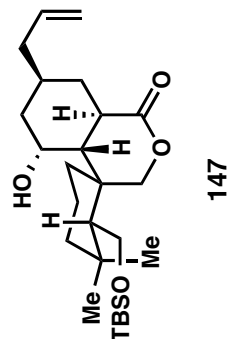




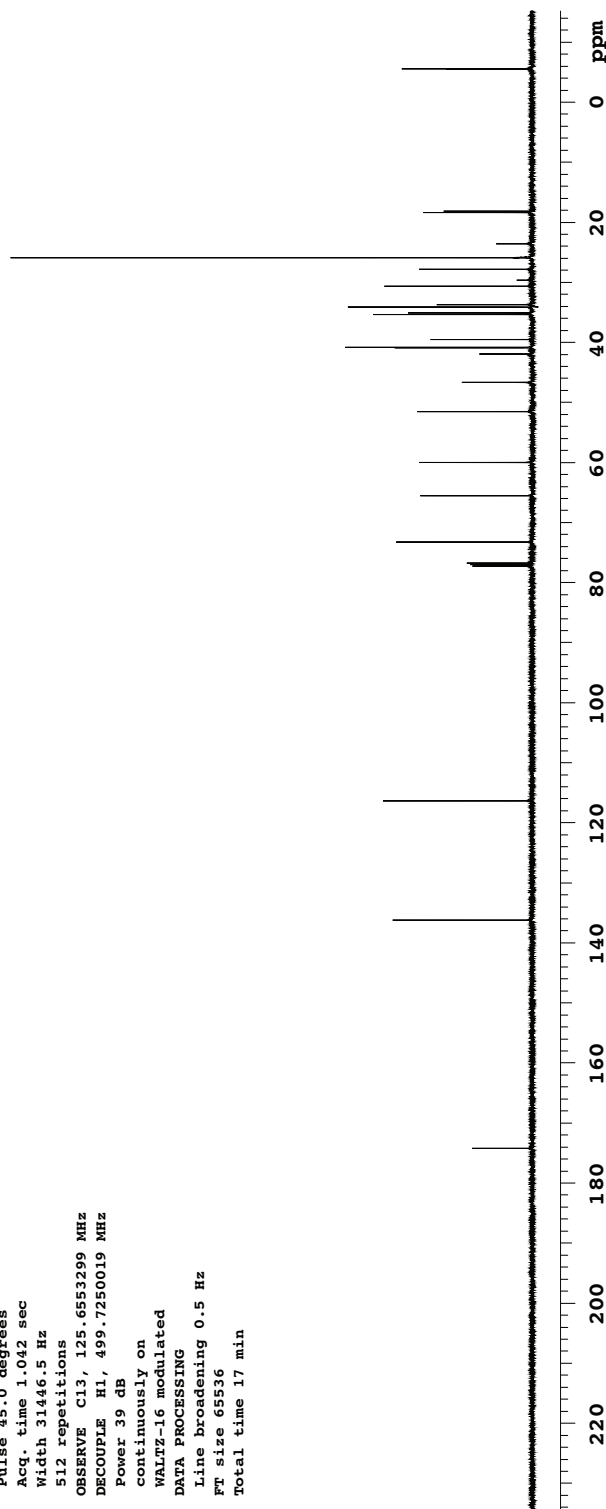


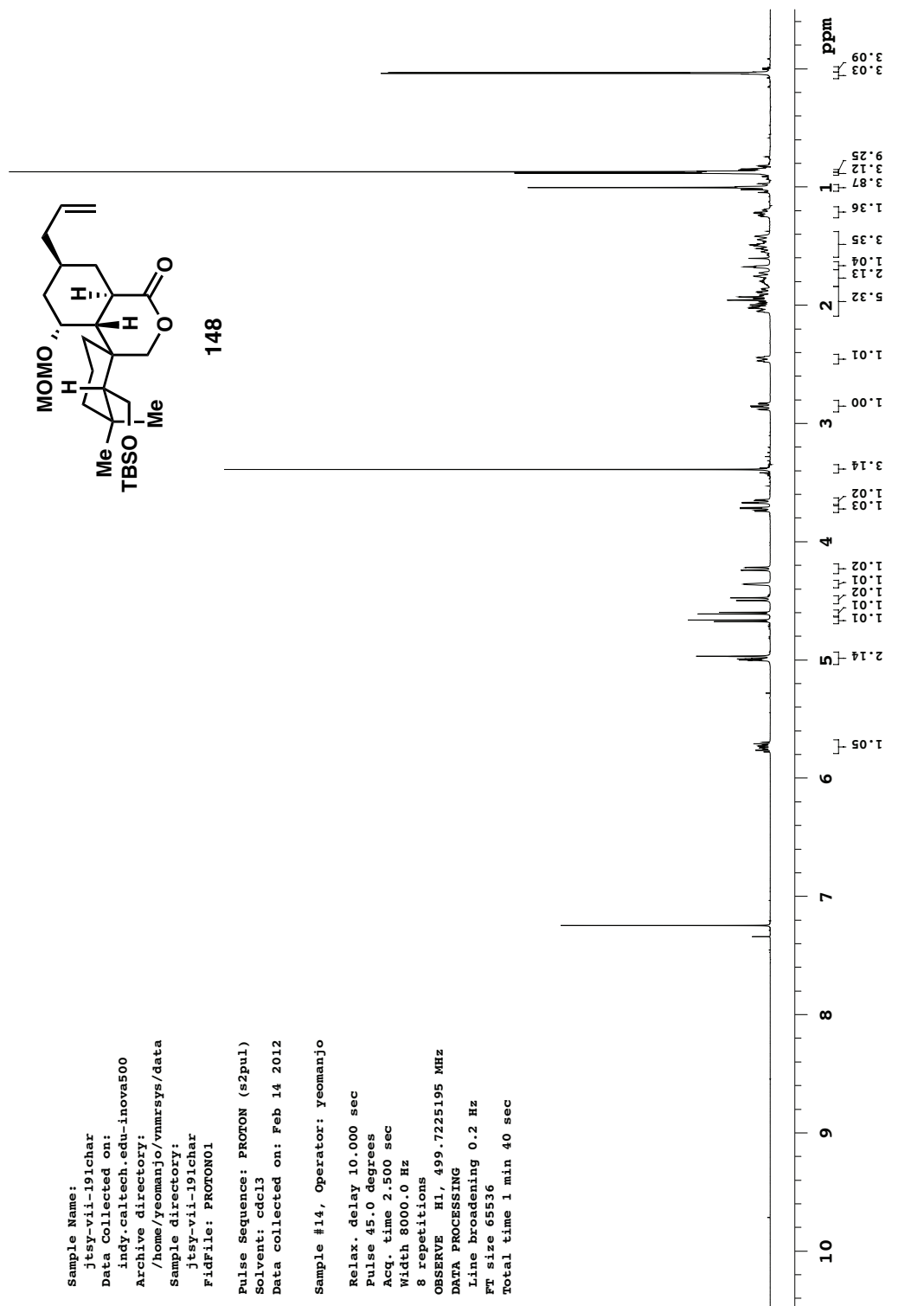


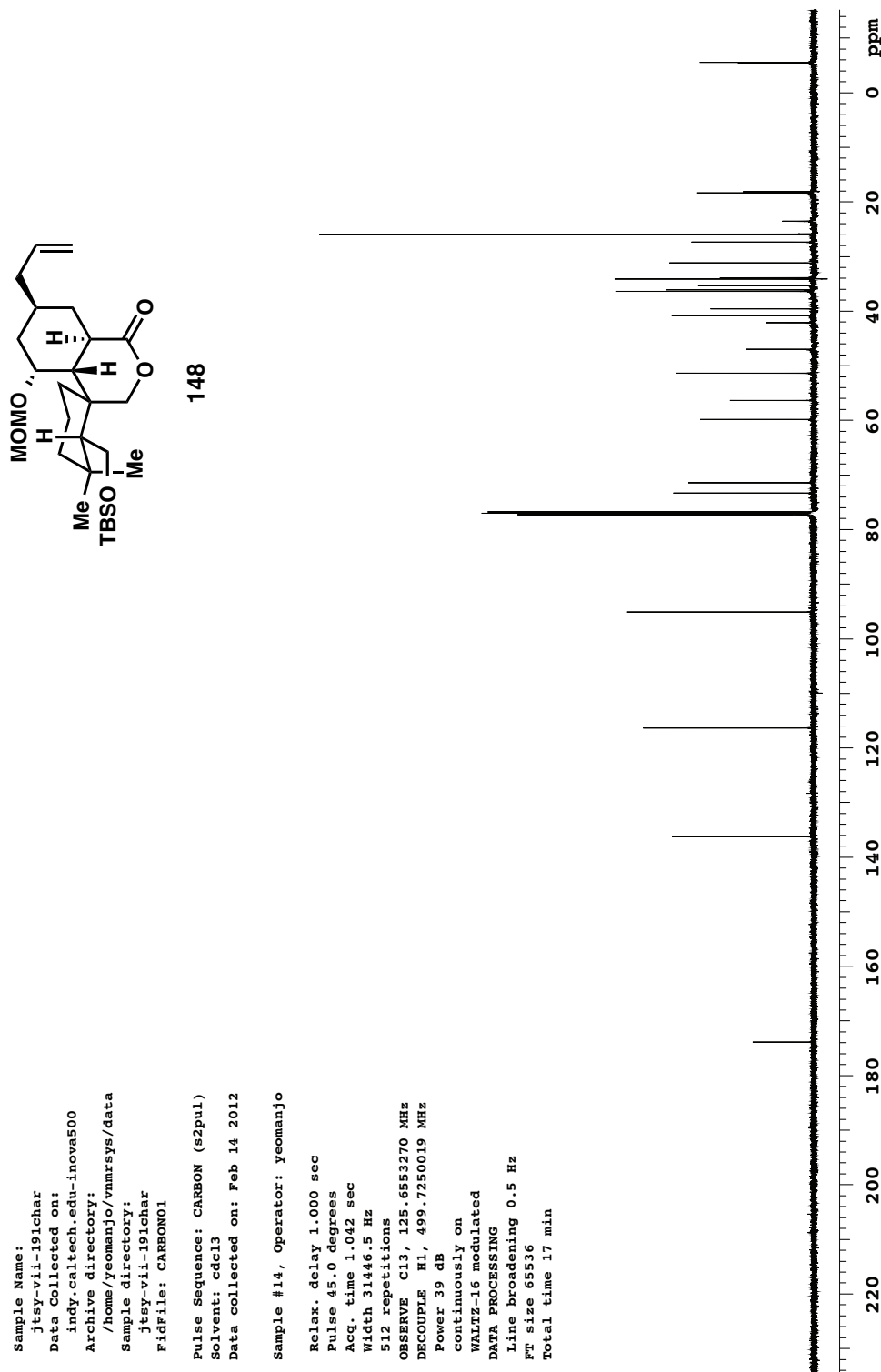


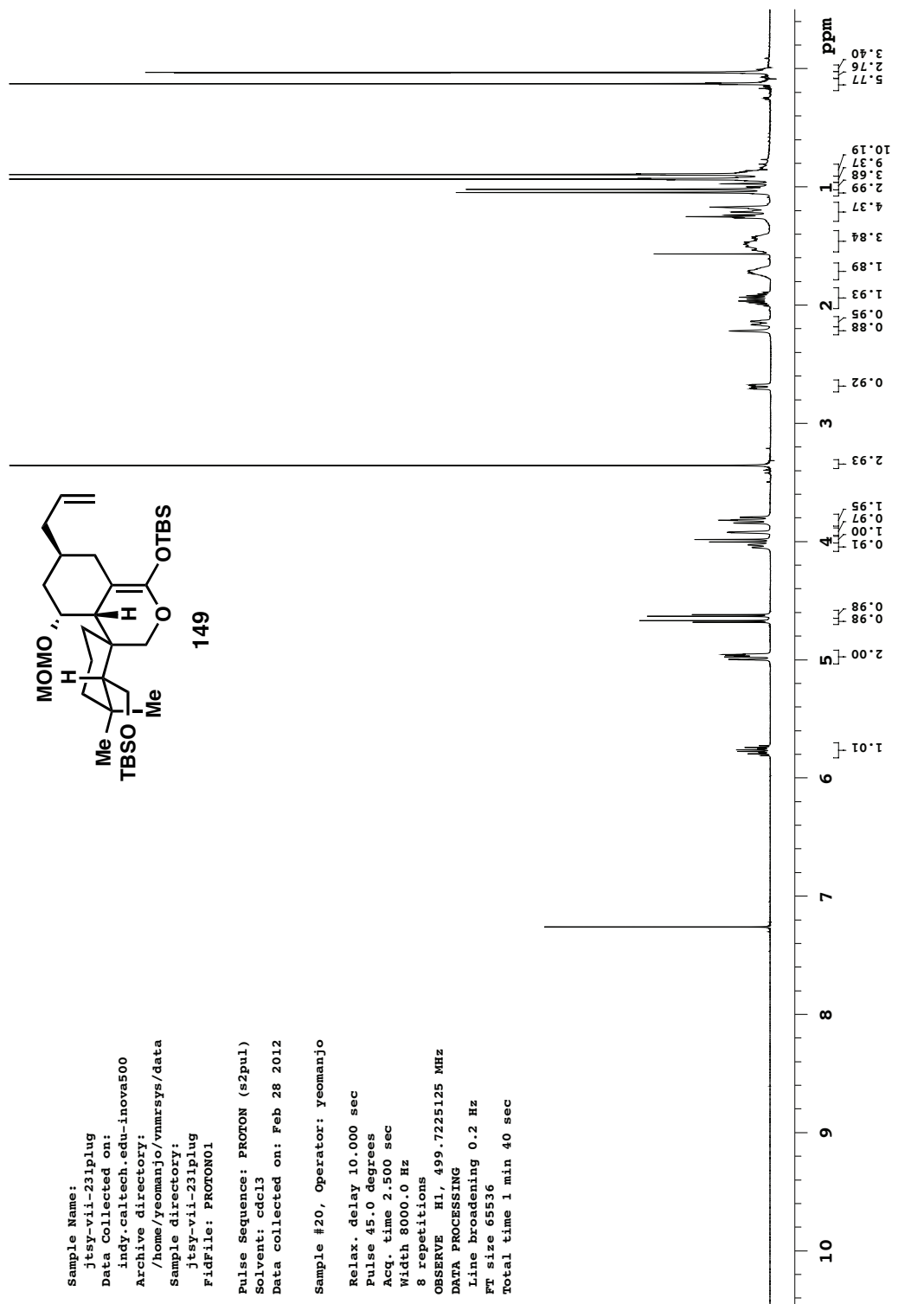


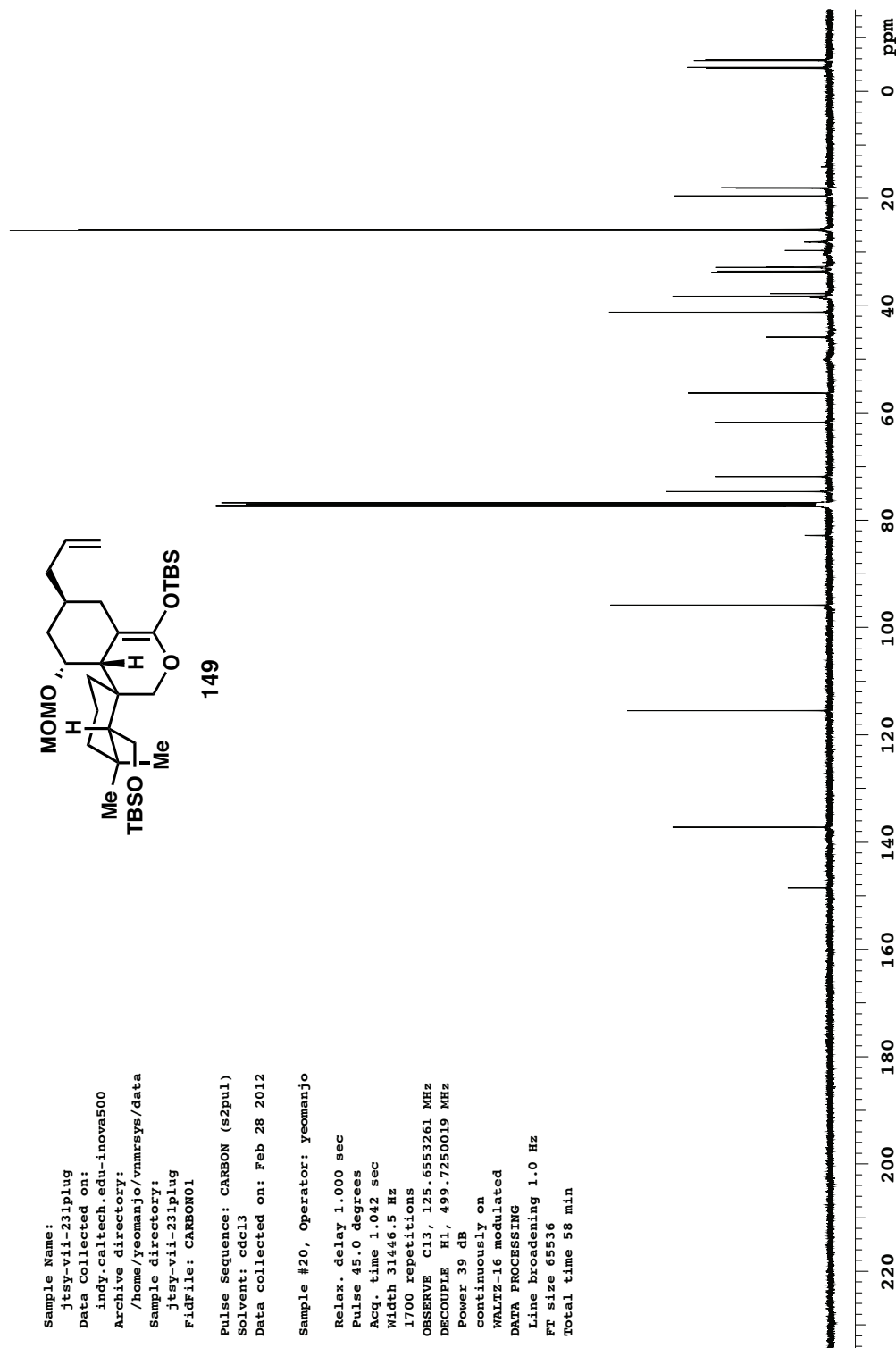
Sample Name:
jtsy-vii-089char
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/yeomanjo/vnmrsys/data
Sample directory:
jtsy-vii-089char
Fidfile: CARBON01
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Mar 15 2012
Sample #20, Operator: yeomanjo
Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6553299 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 17 min

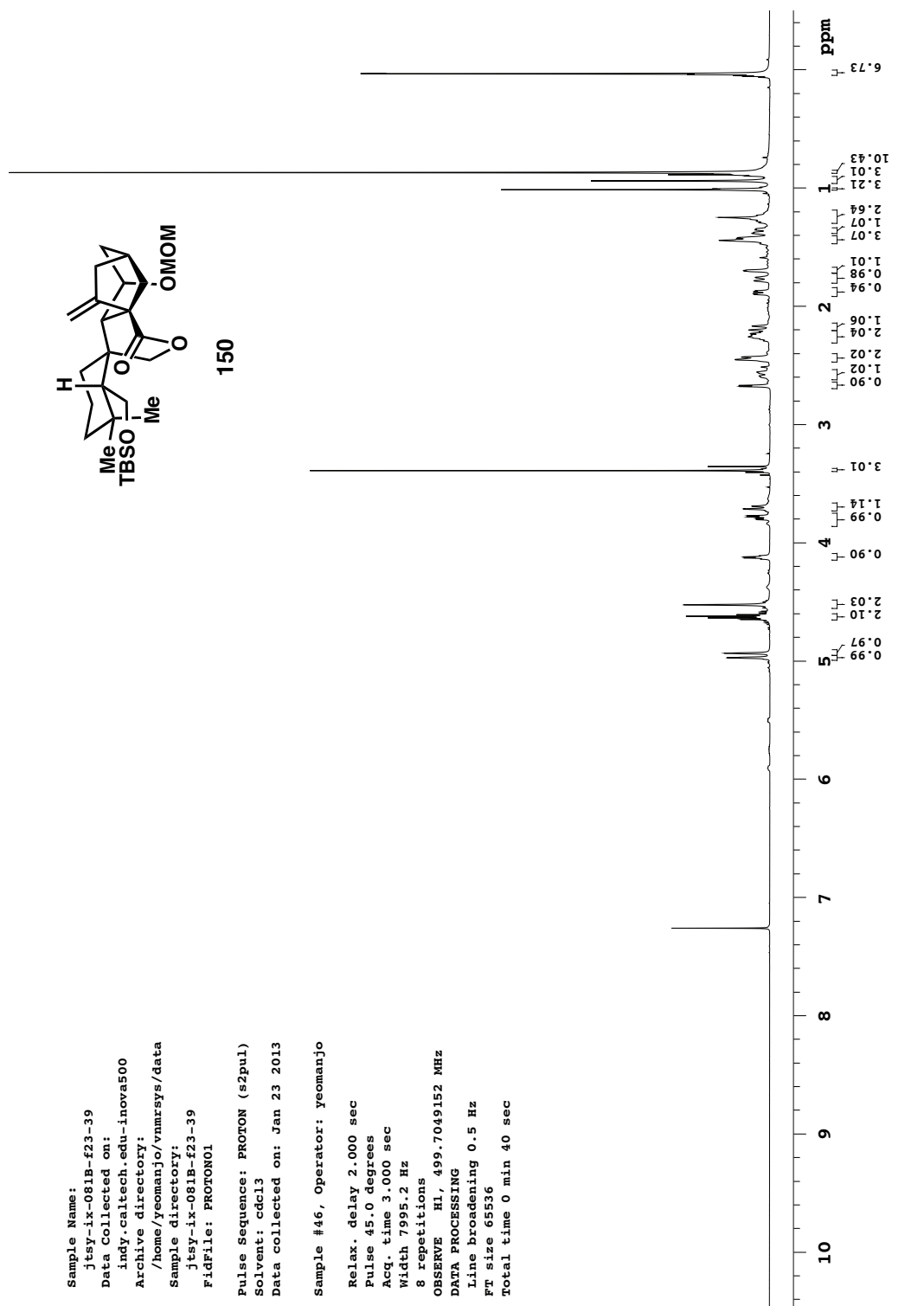


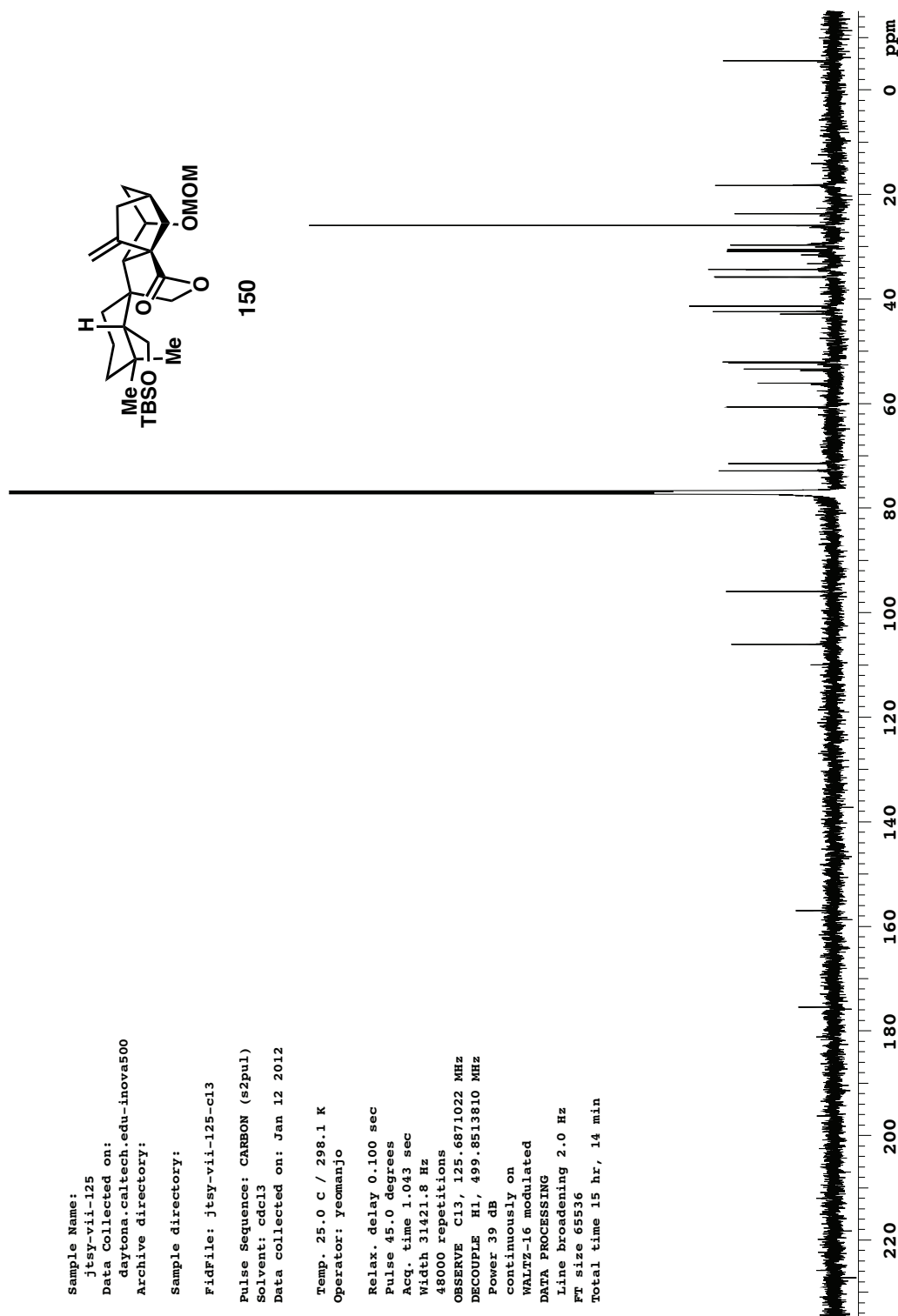


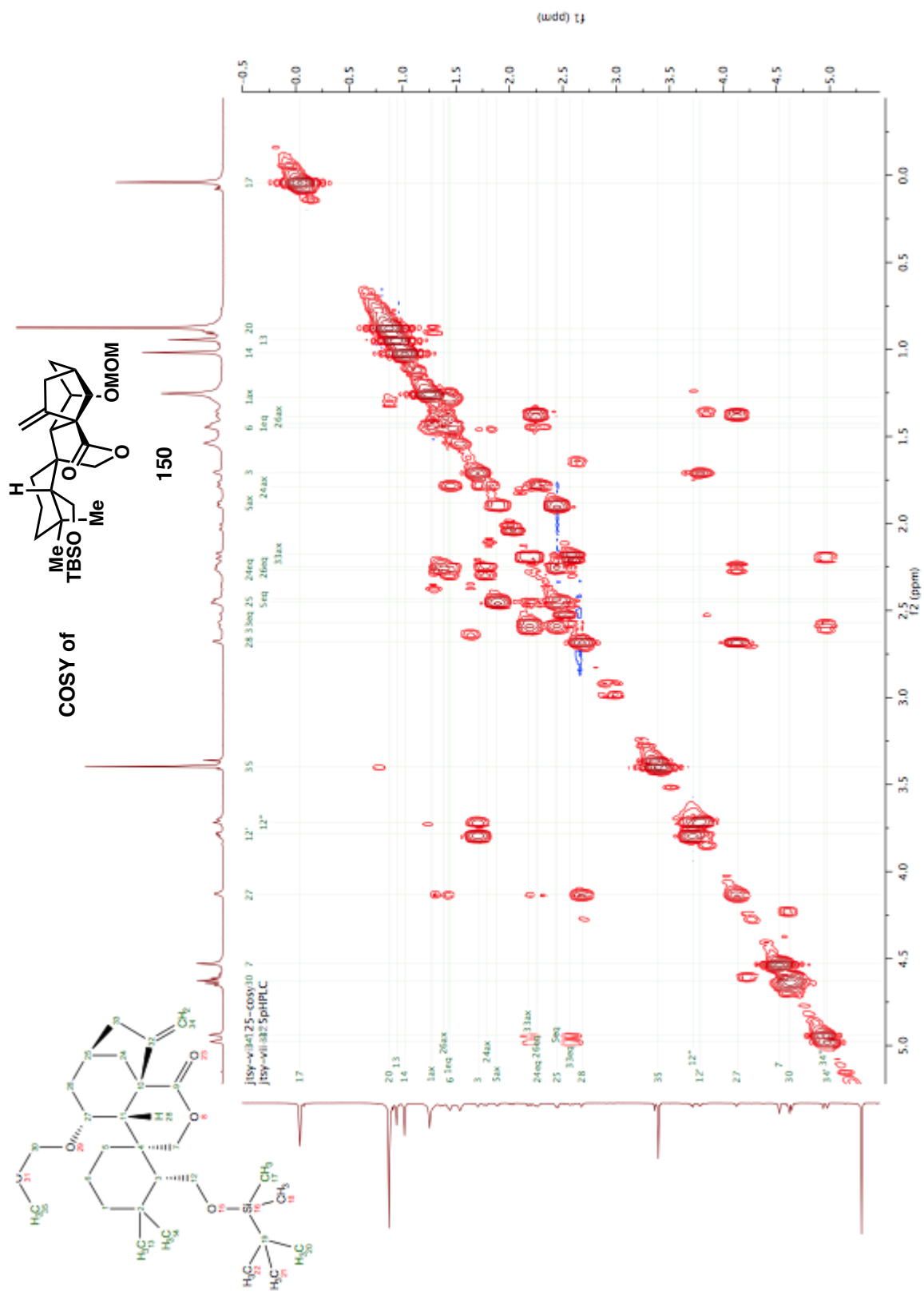


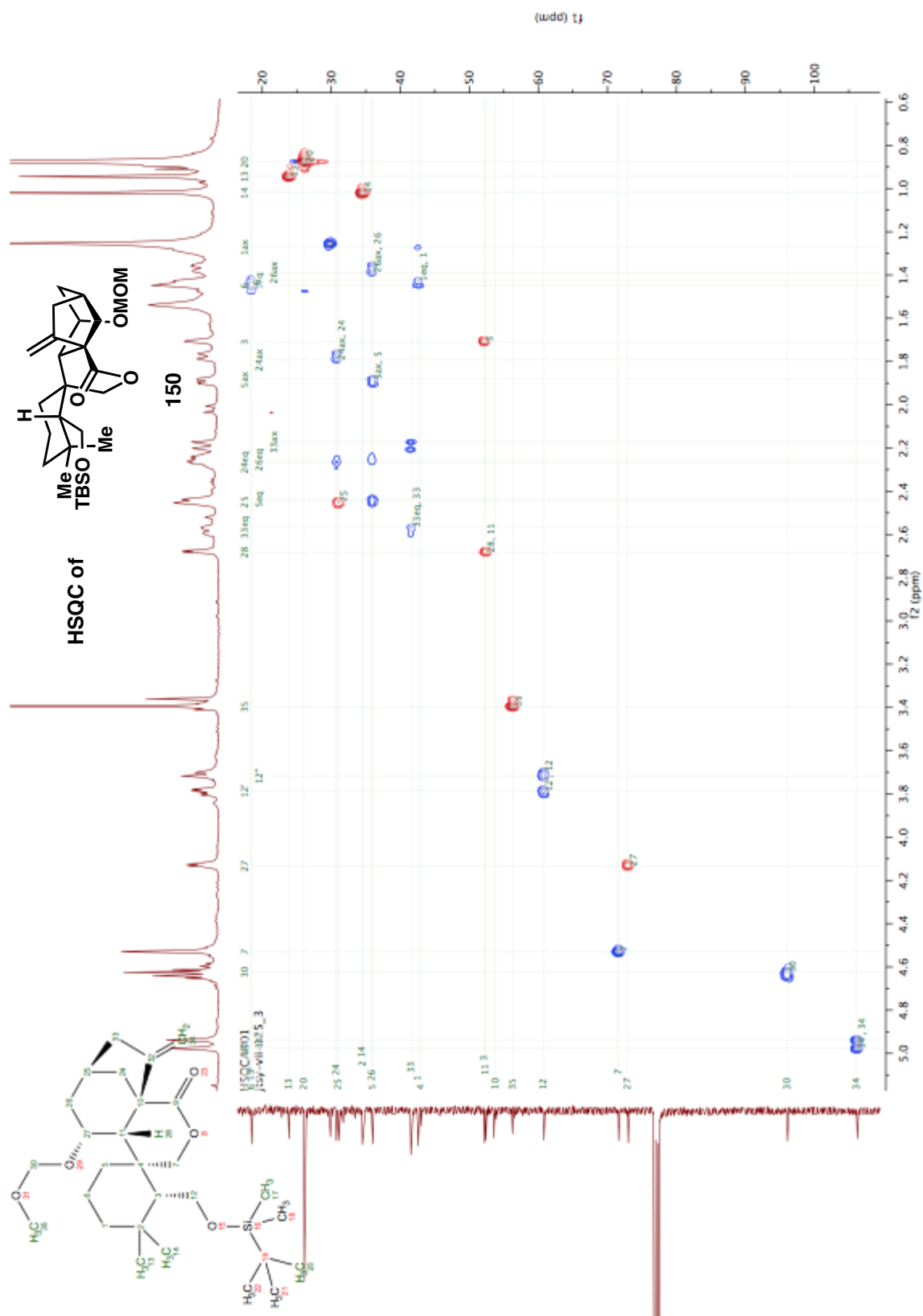


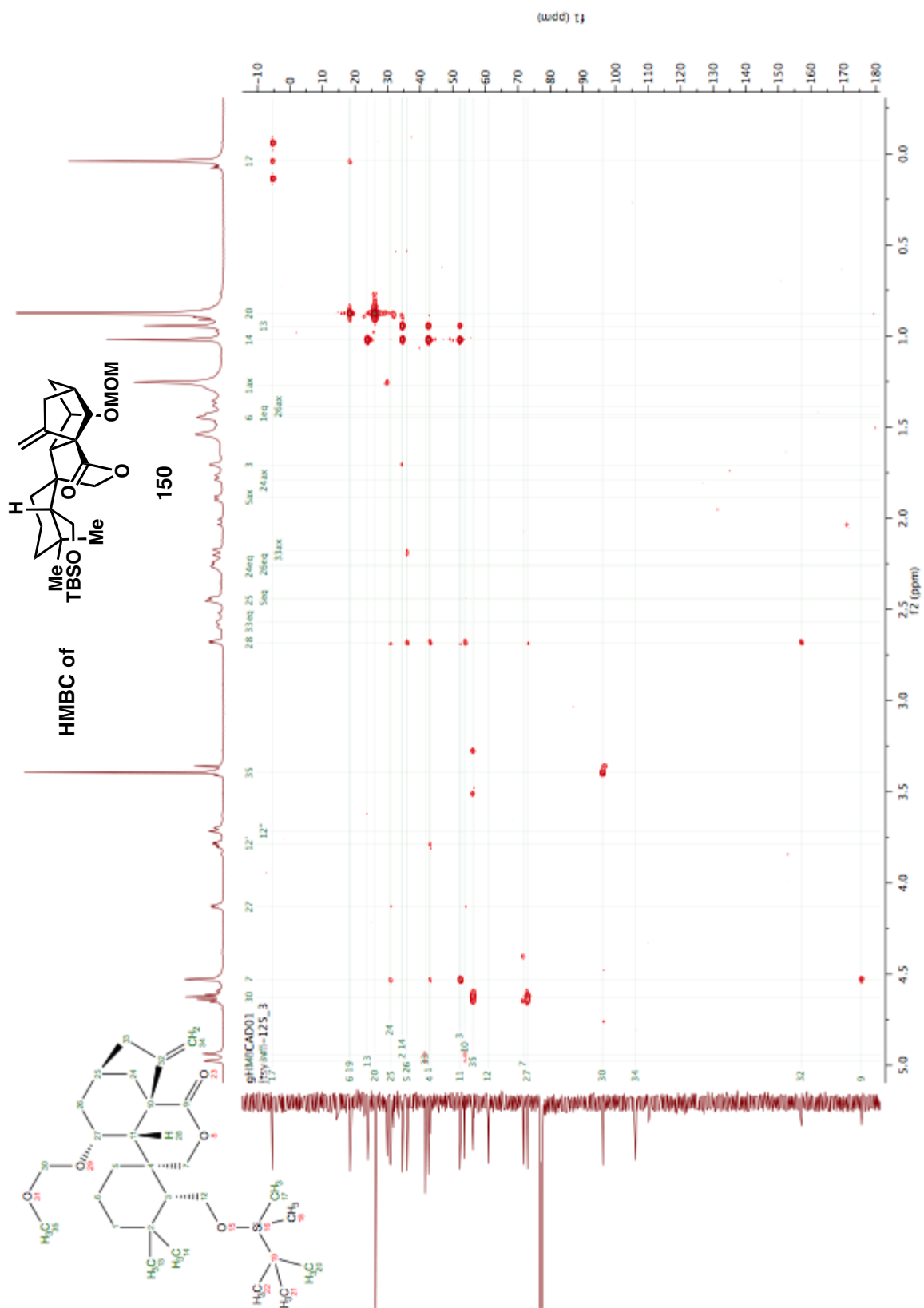


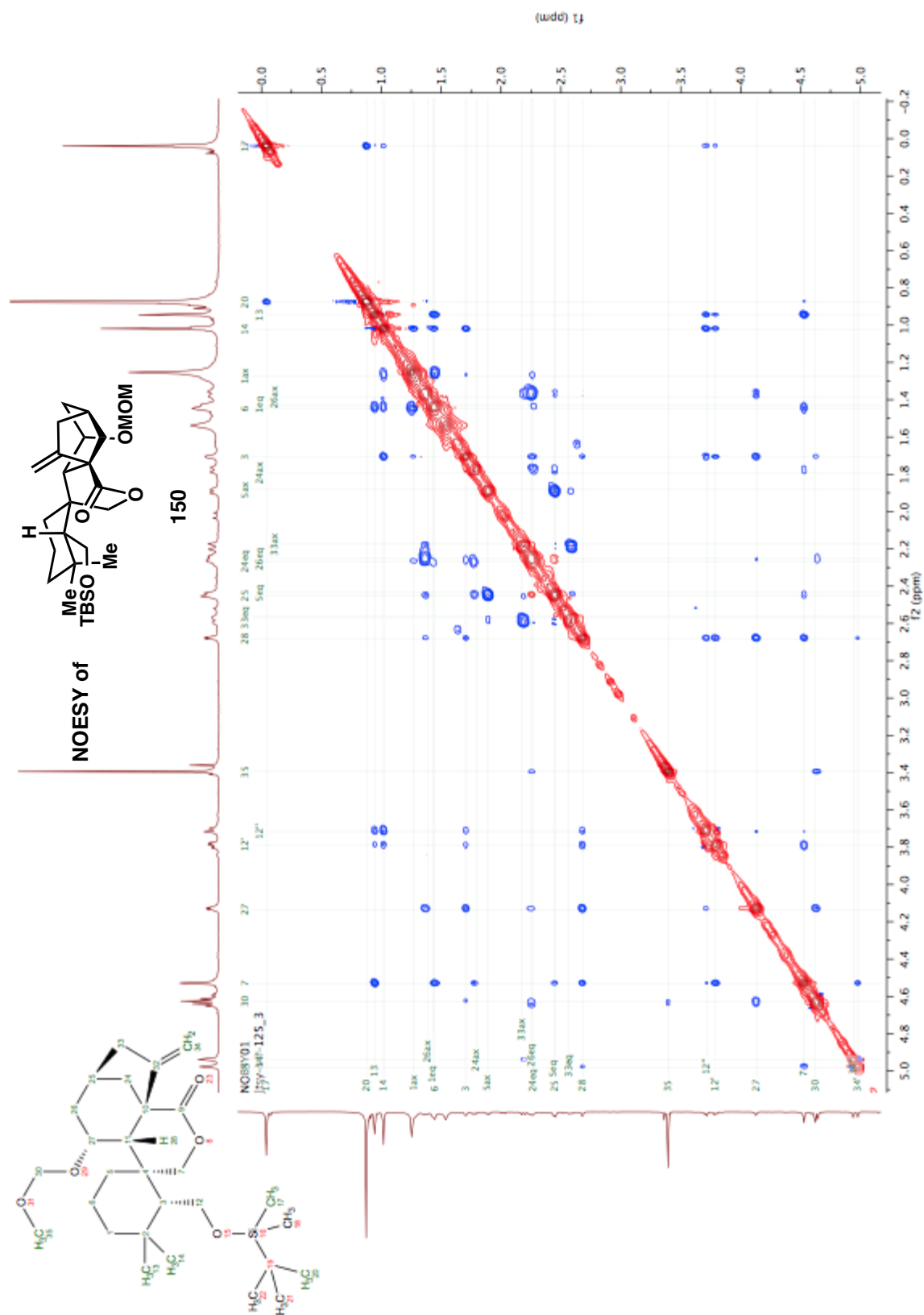


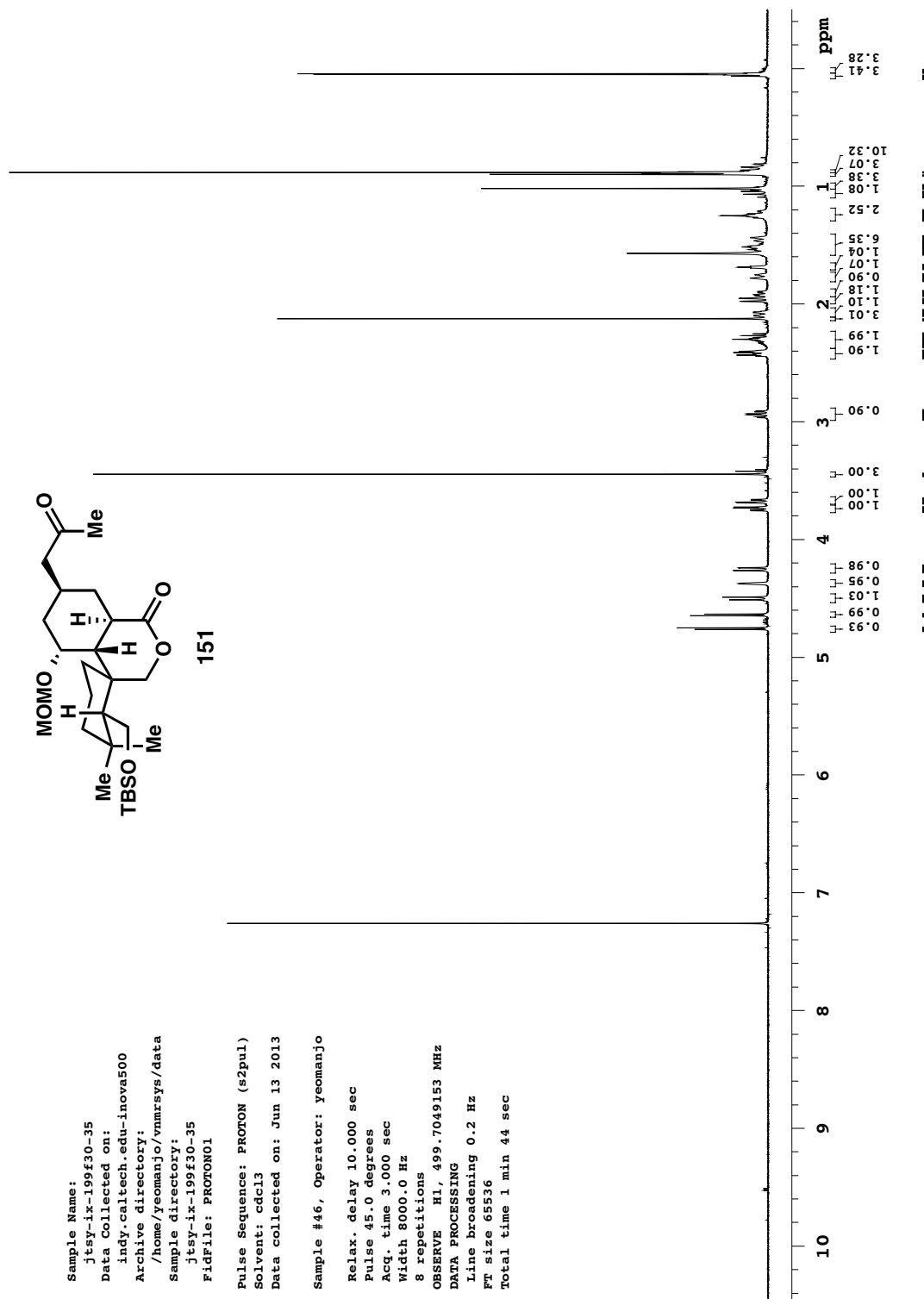


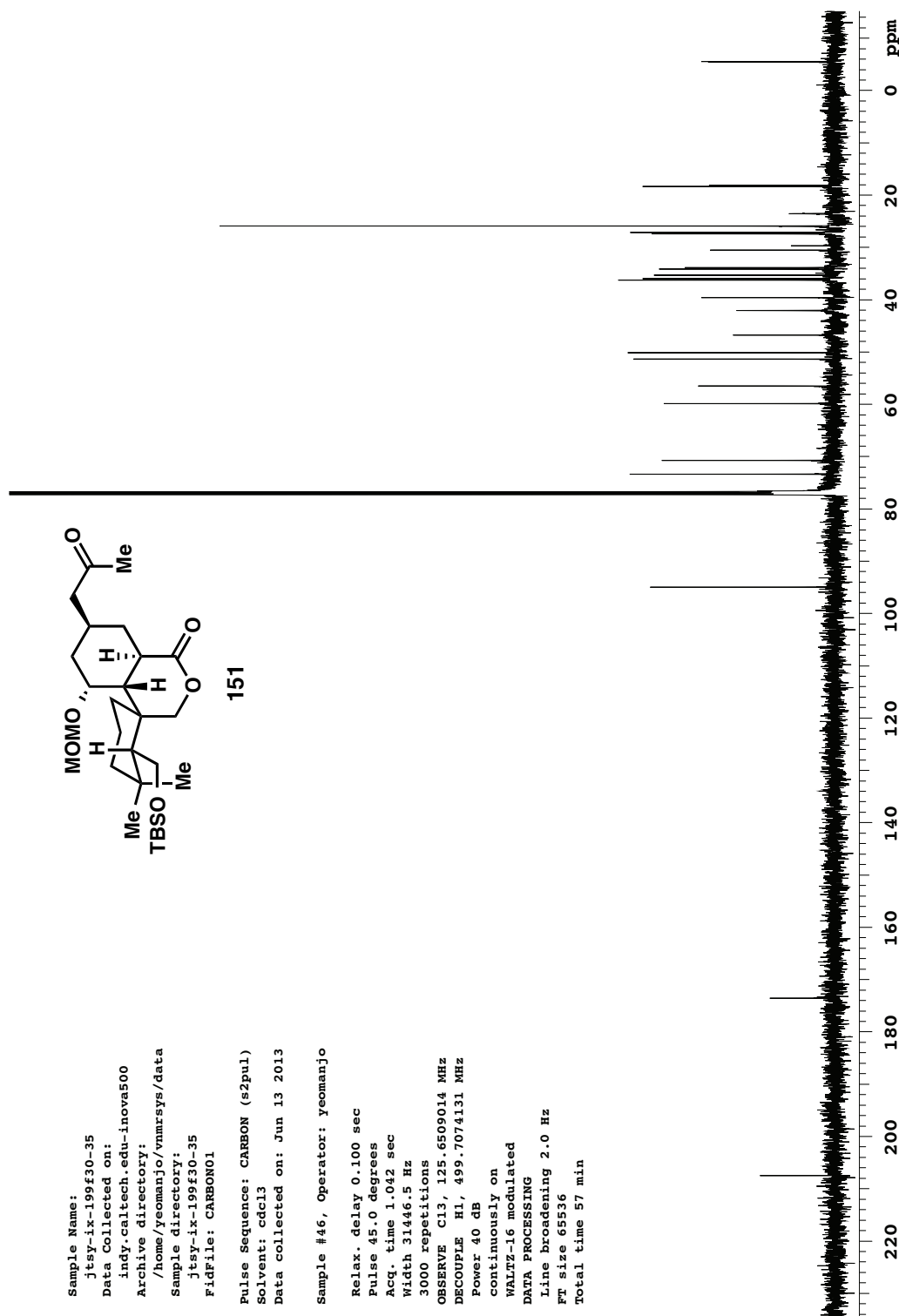


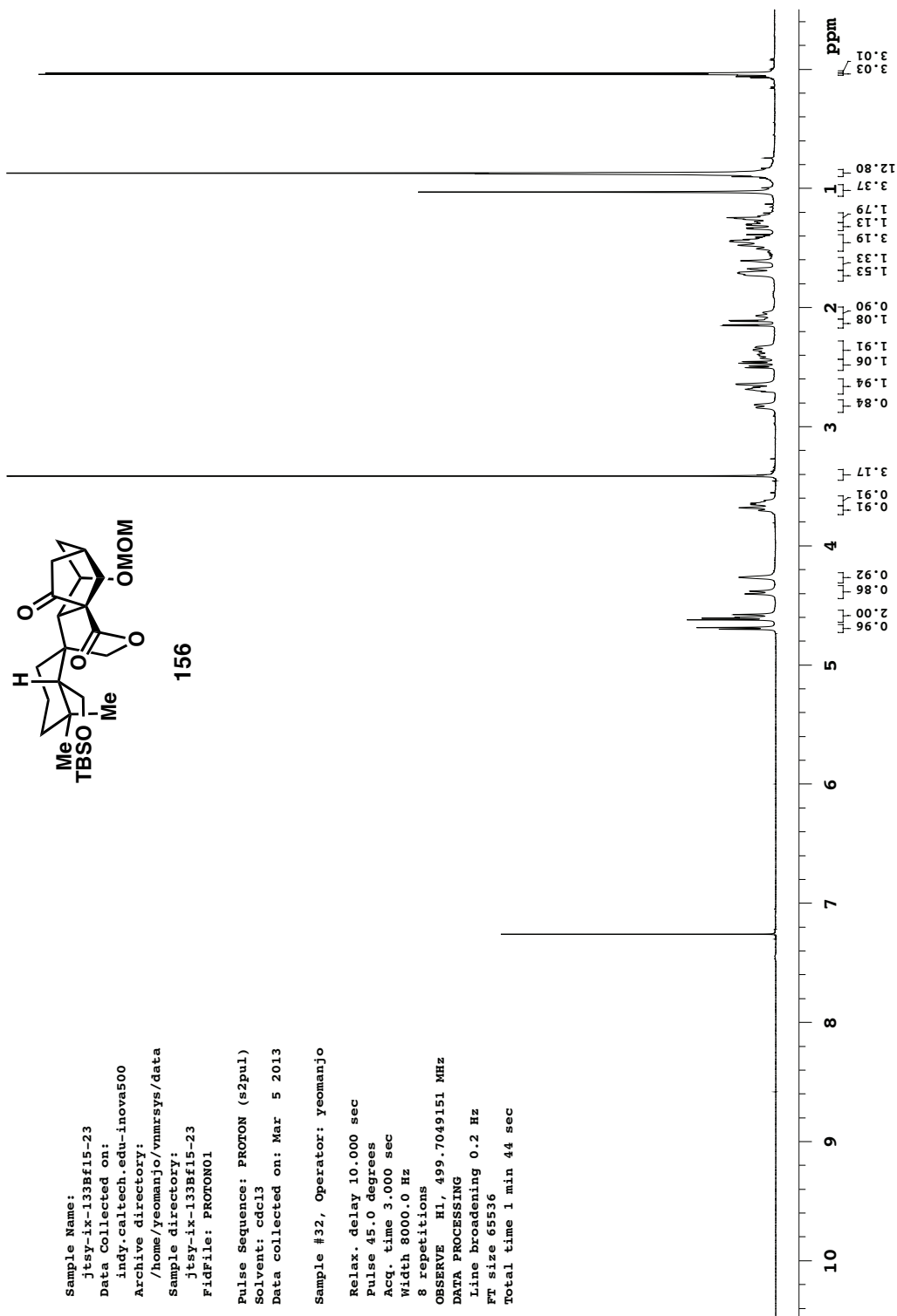


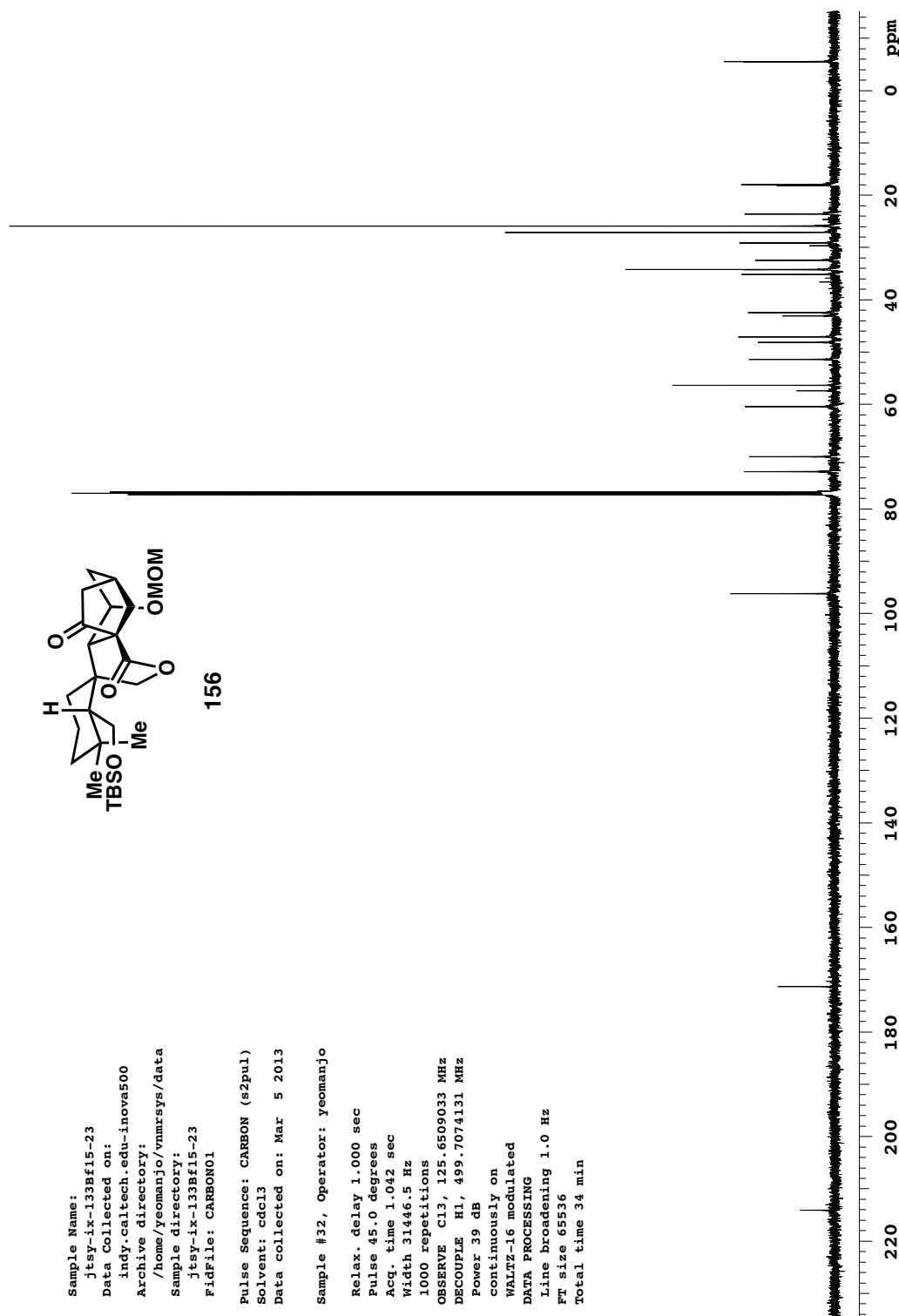


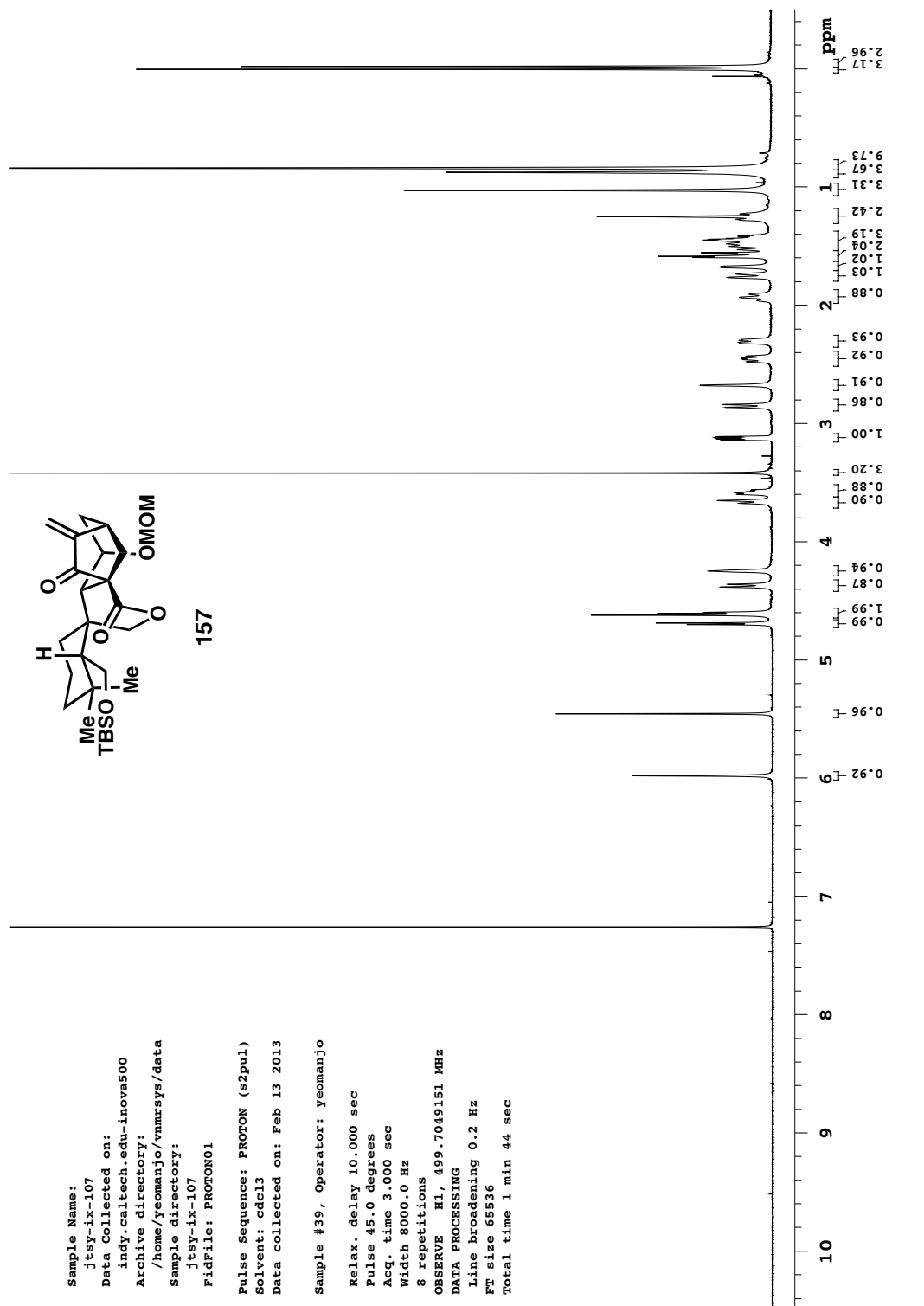


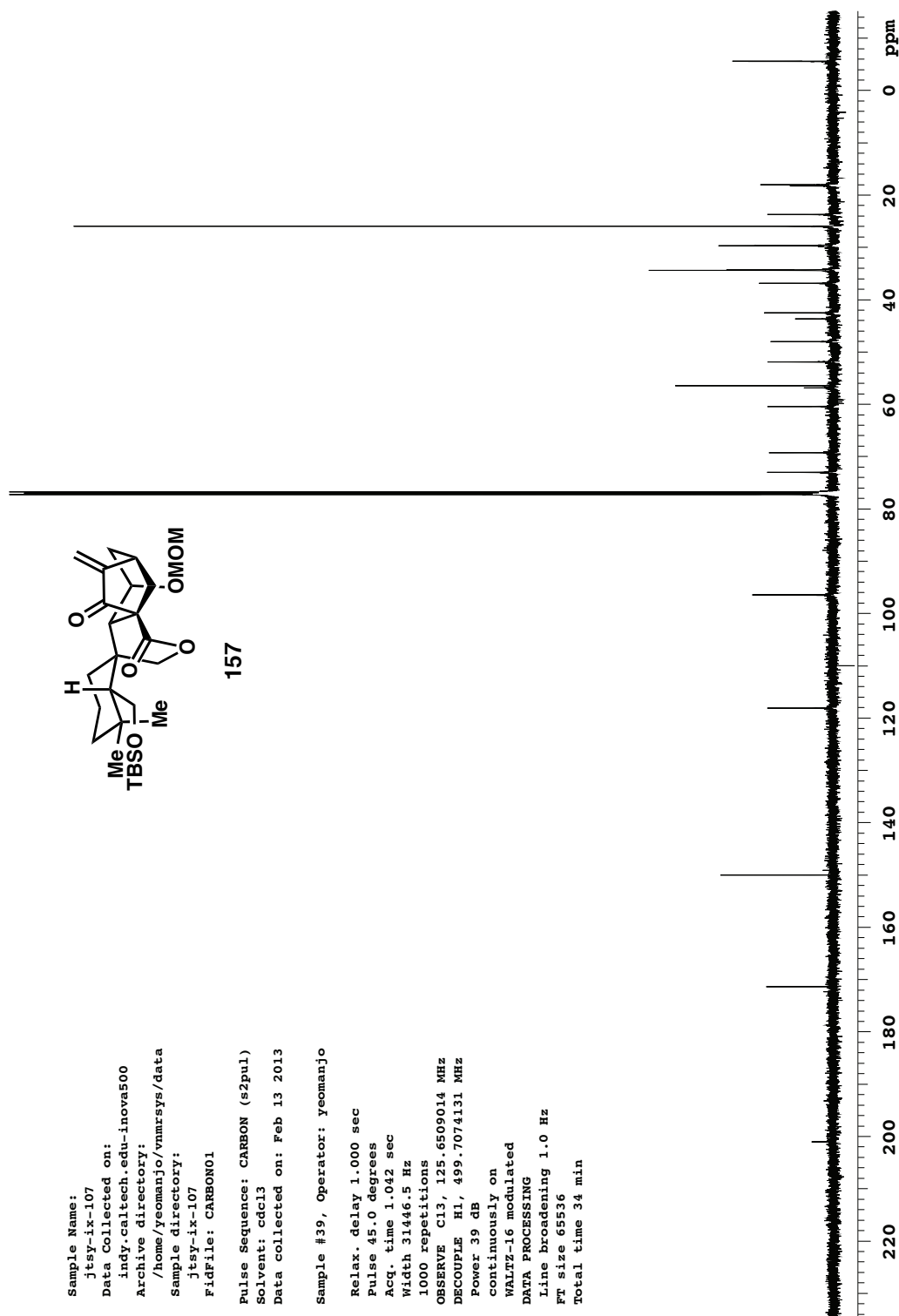


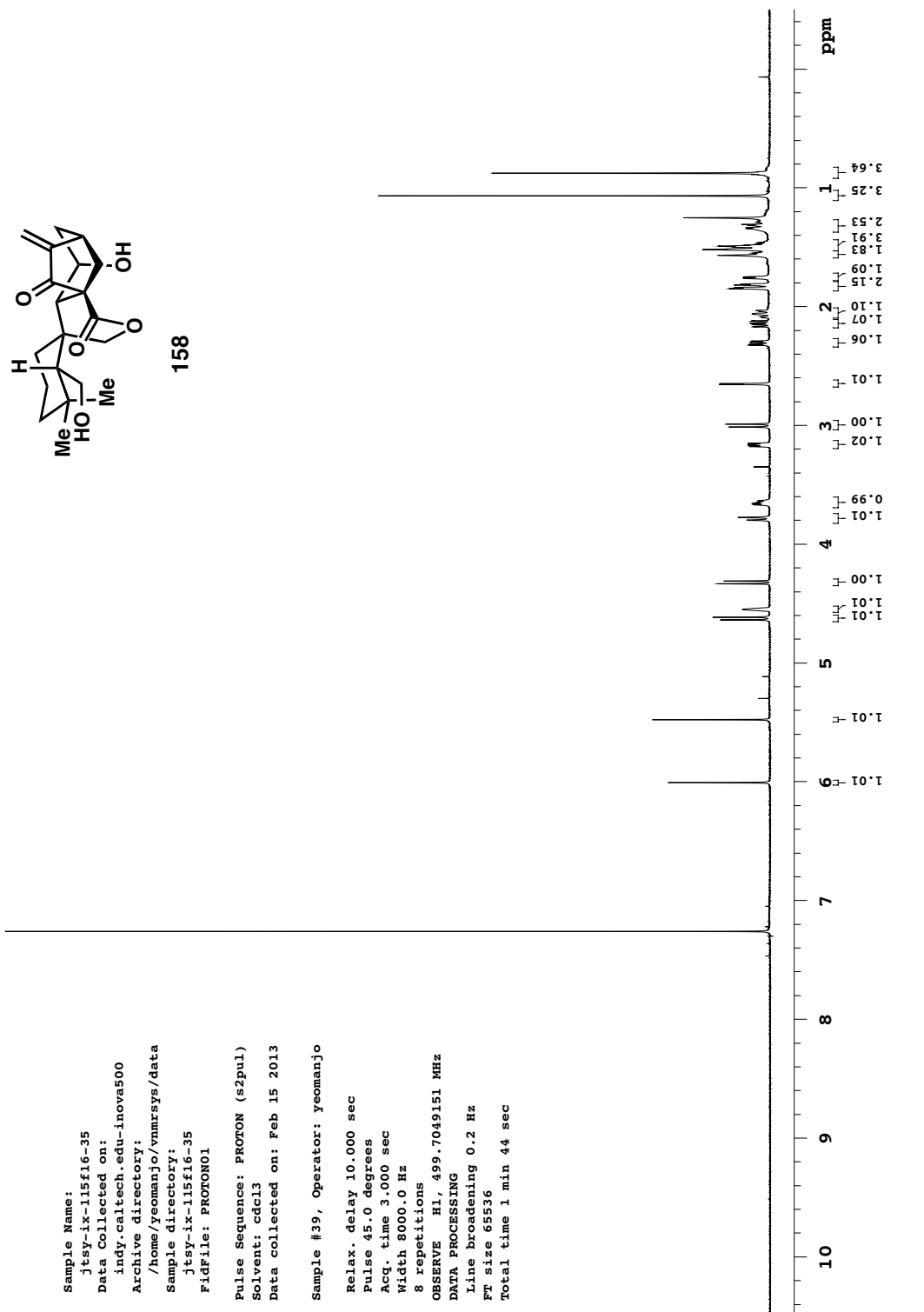


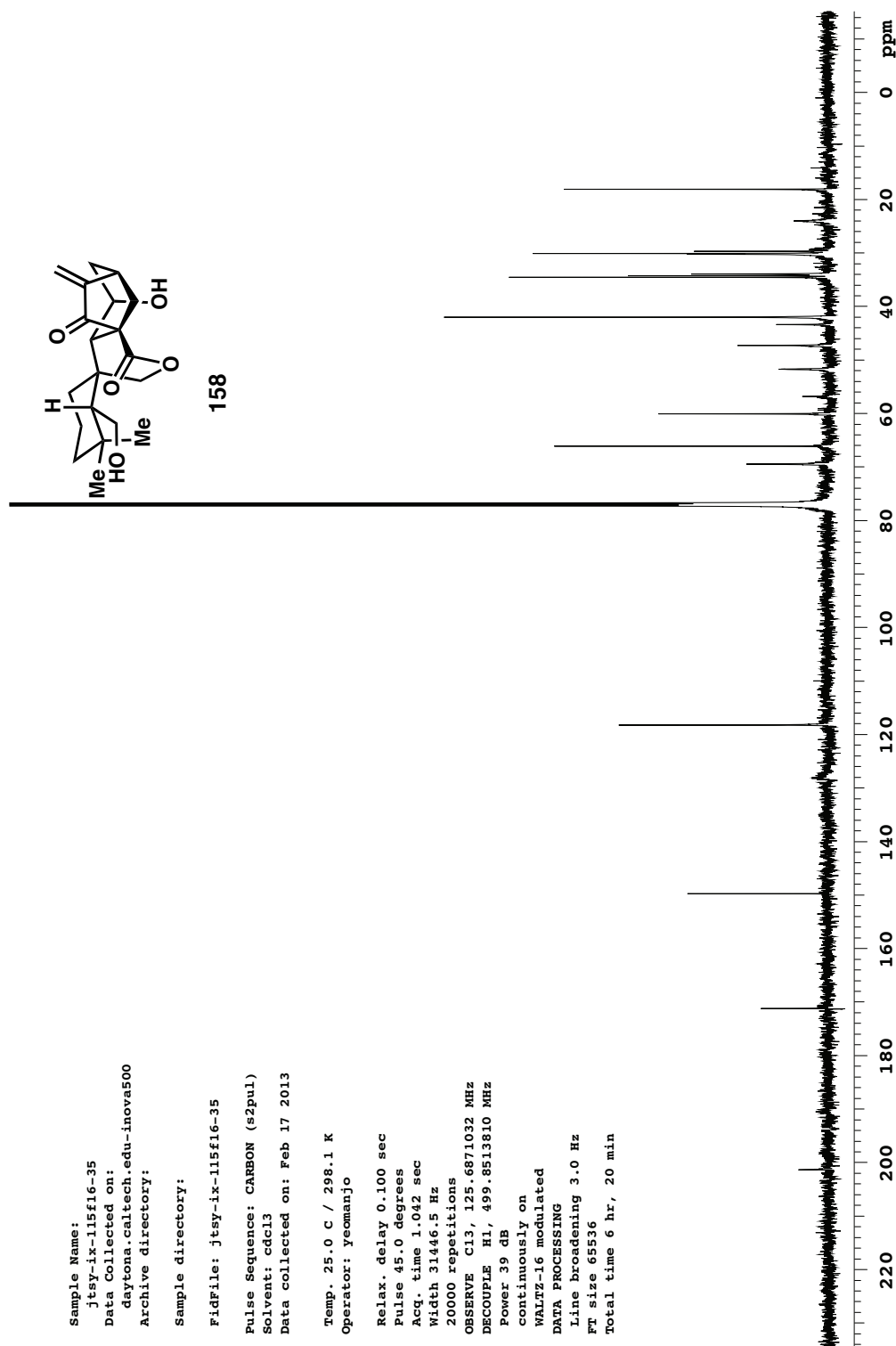


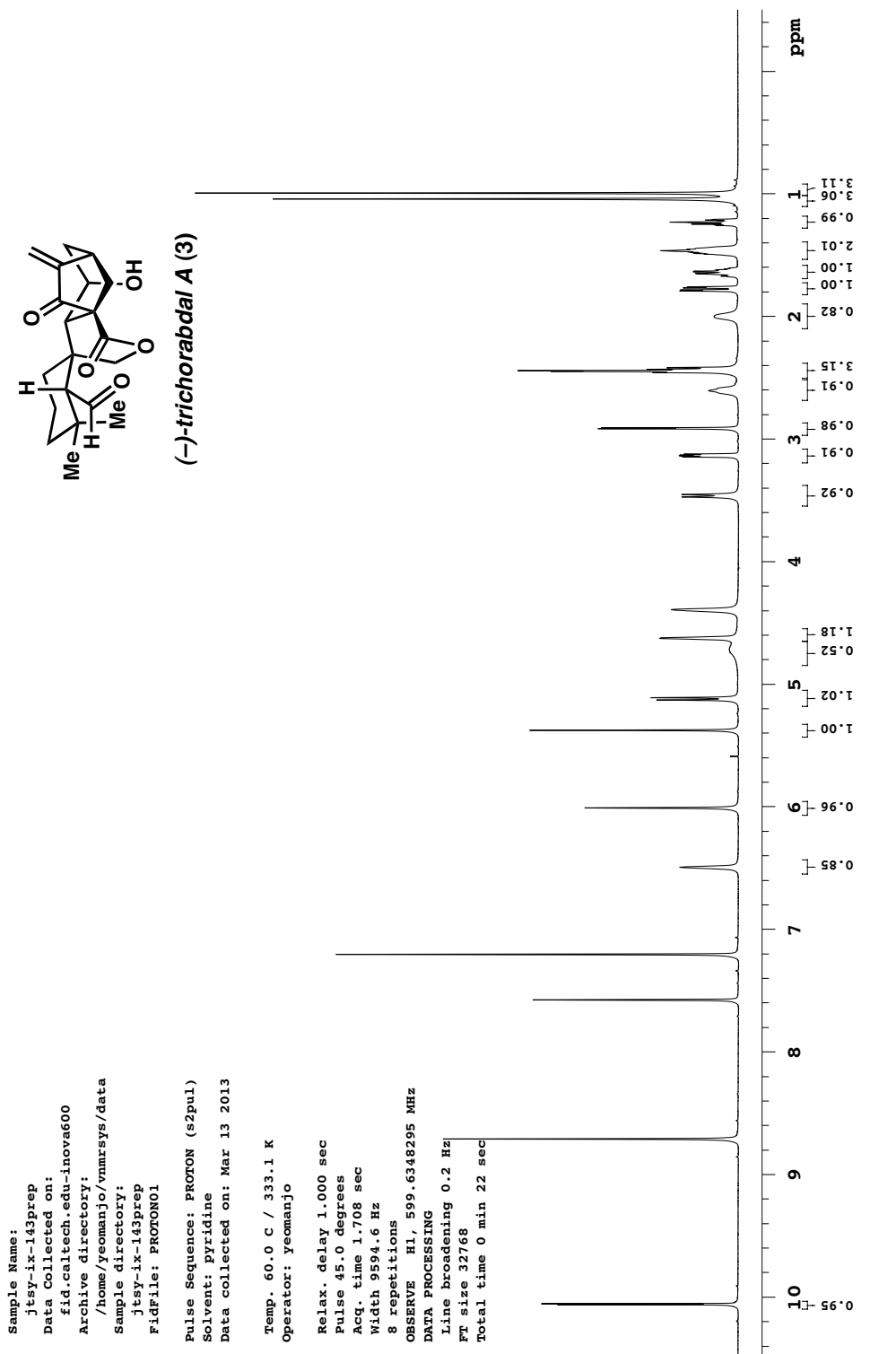


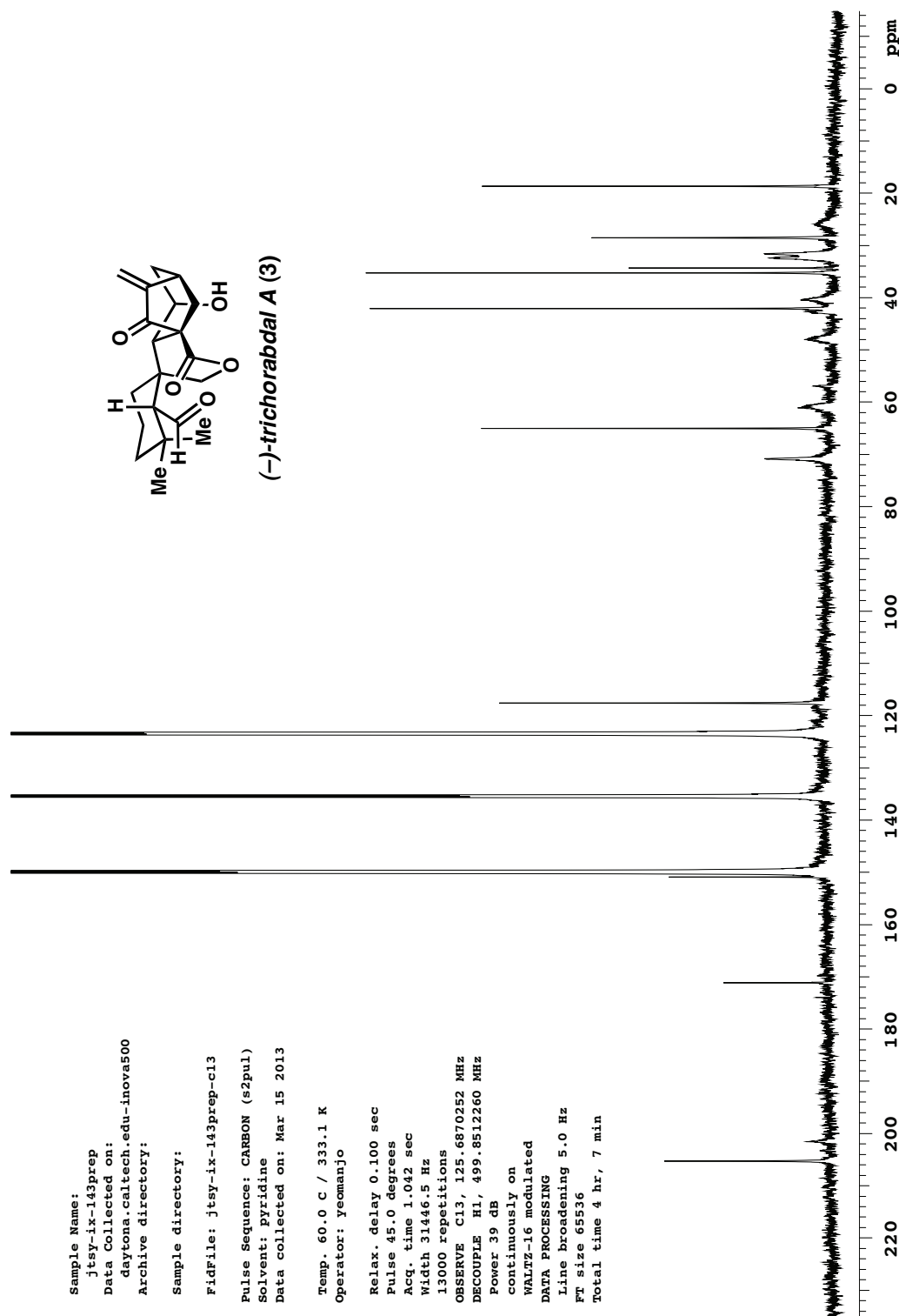


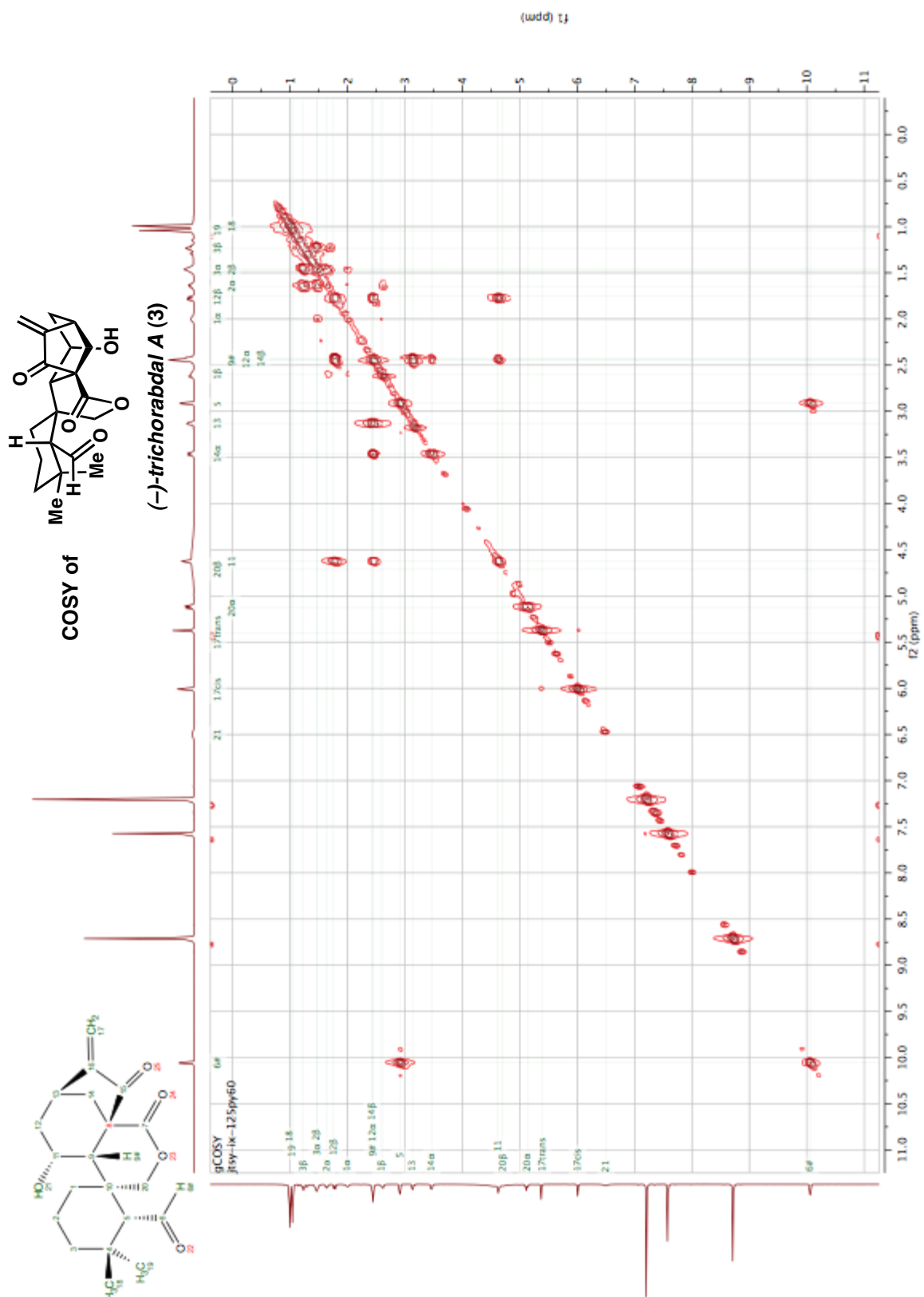


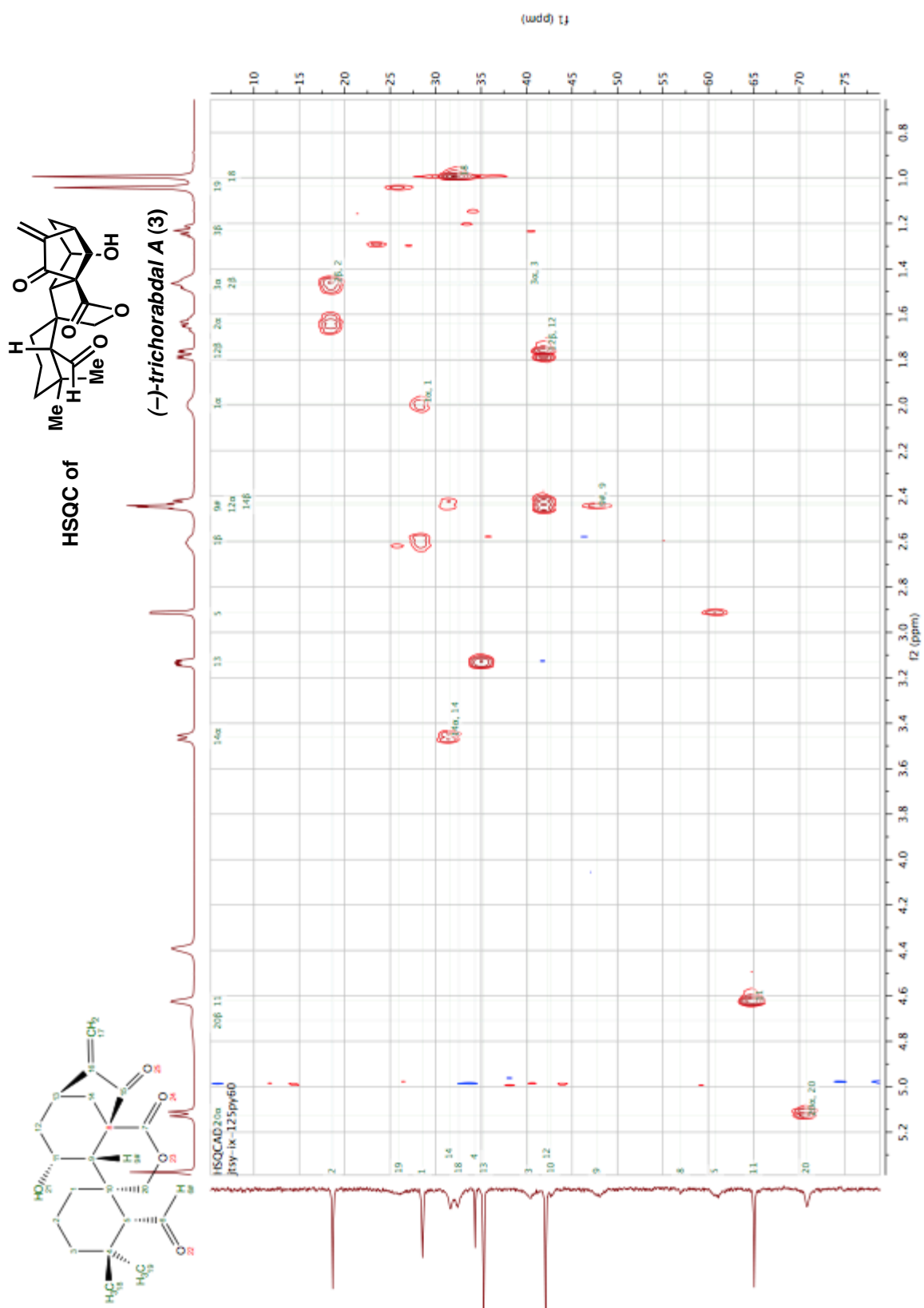


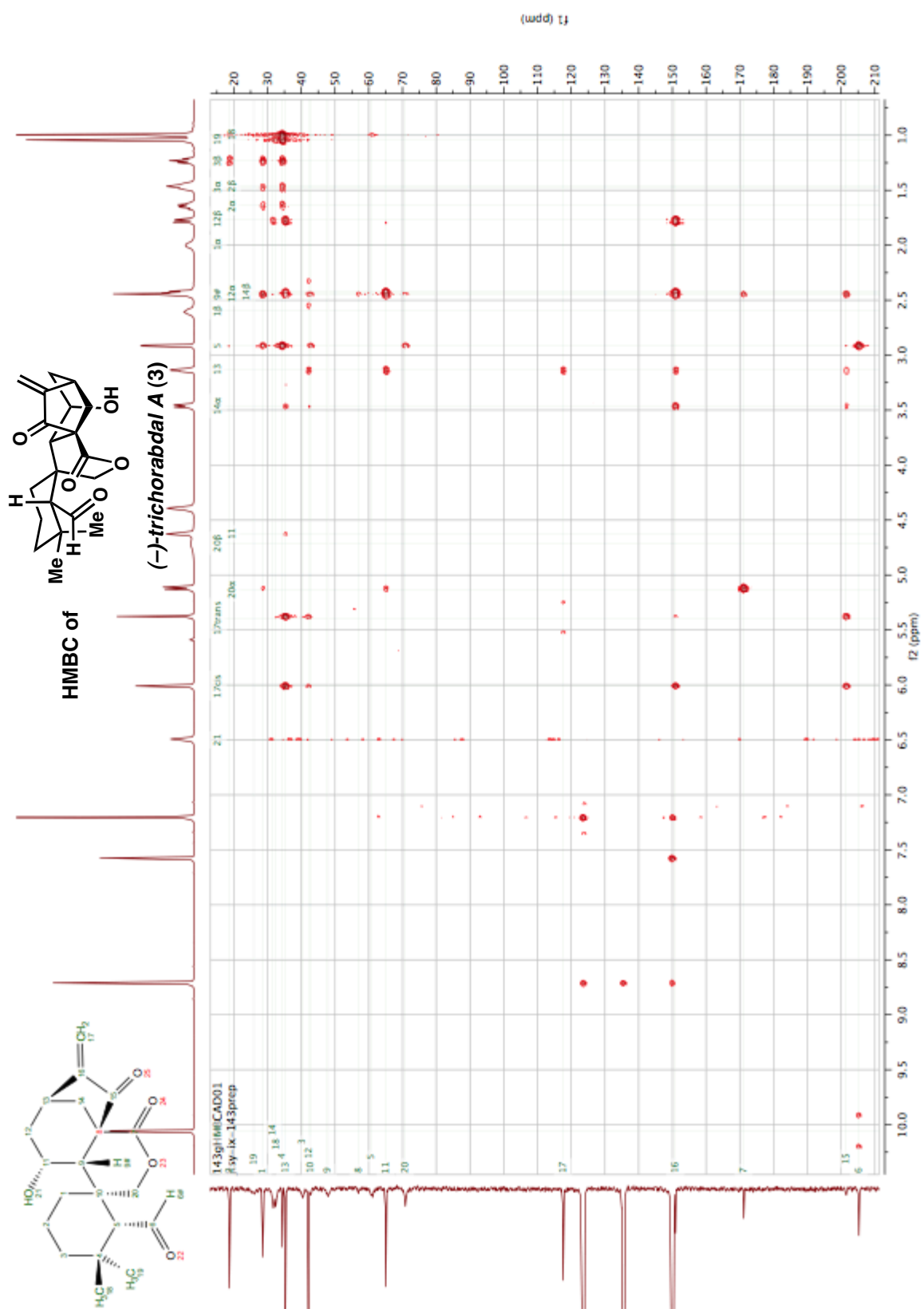


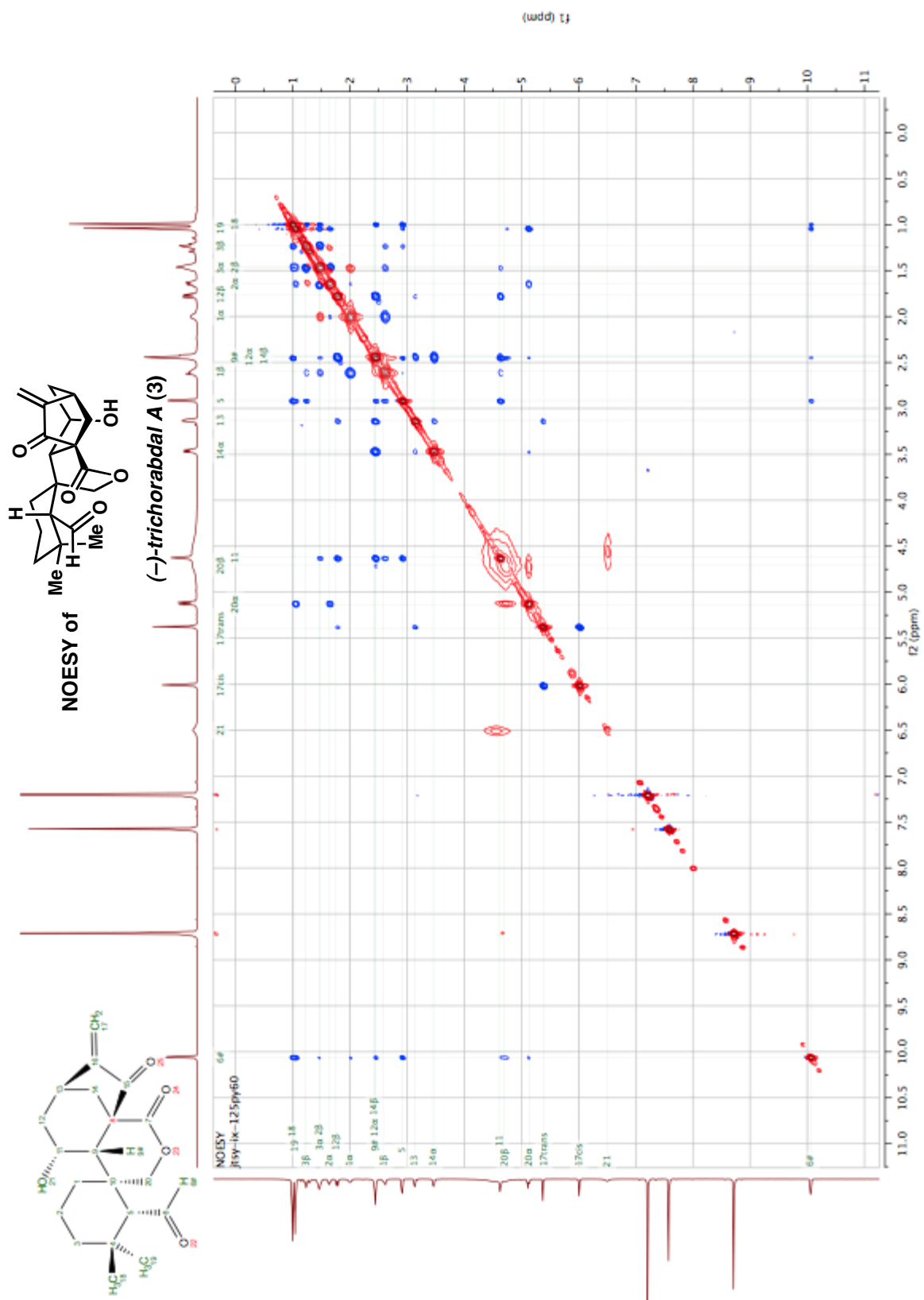


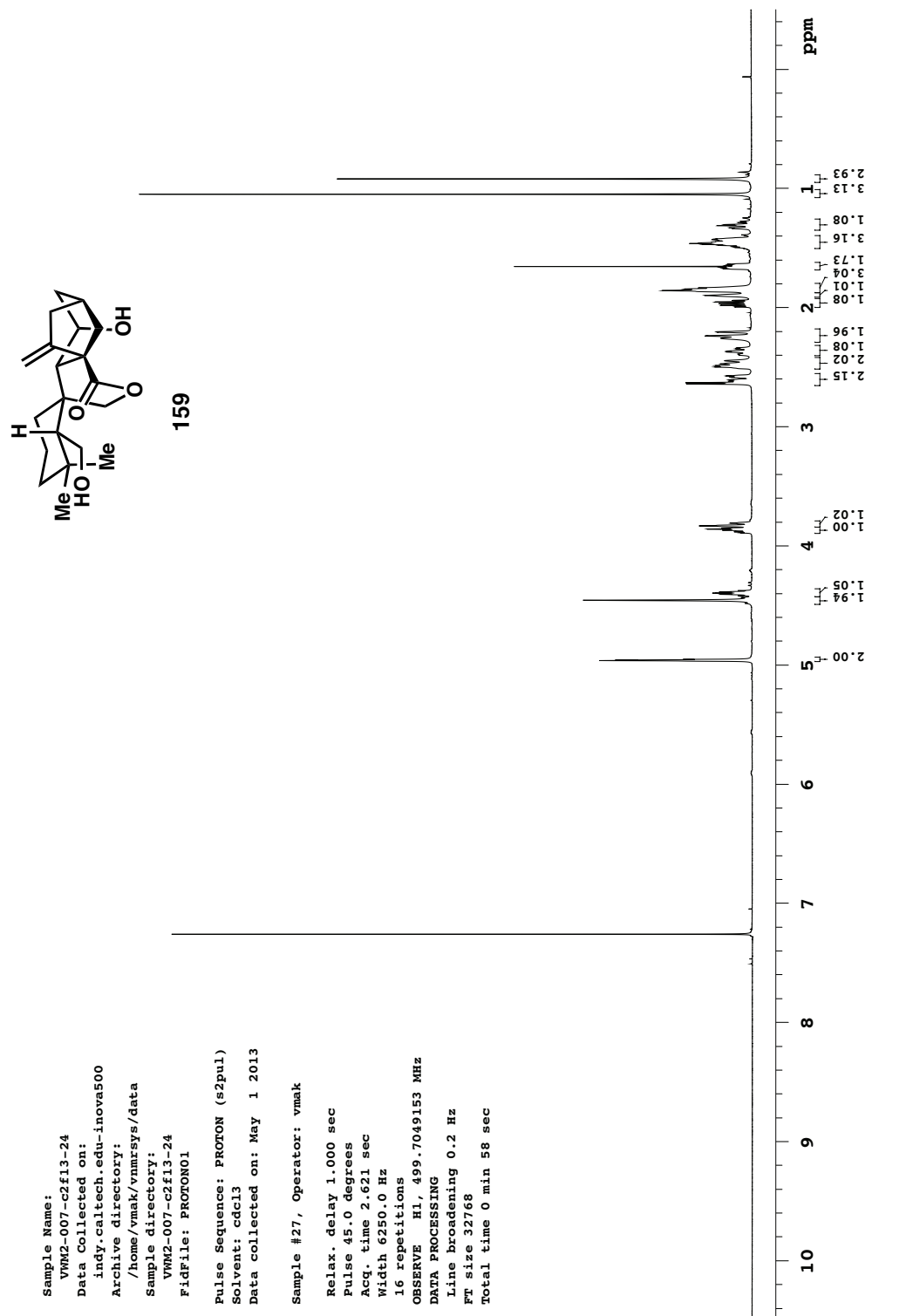


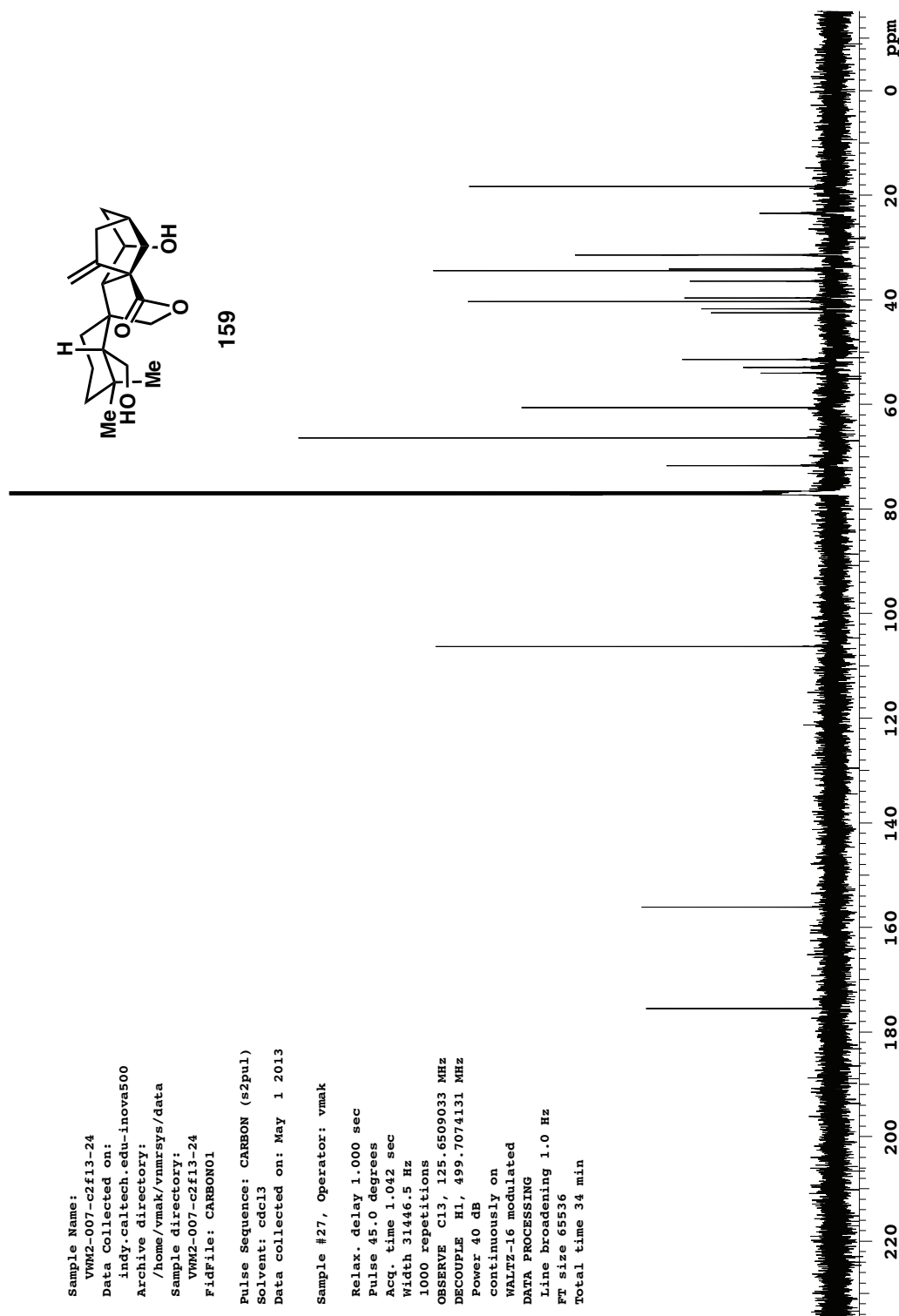


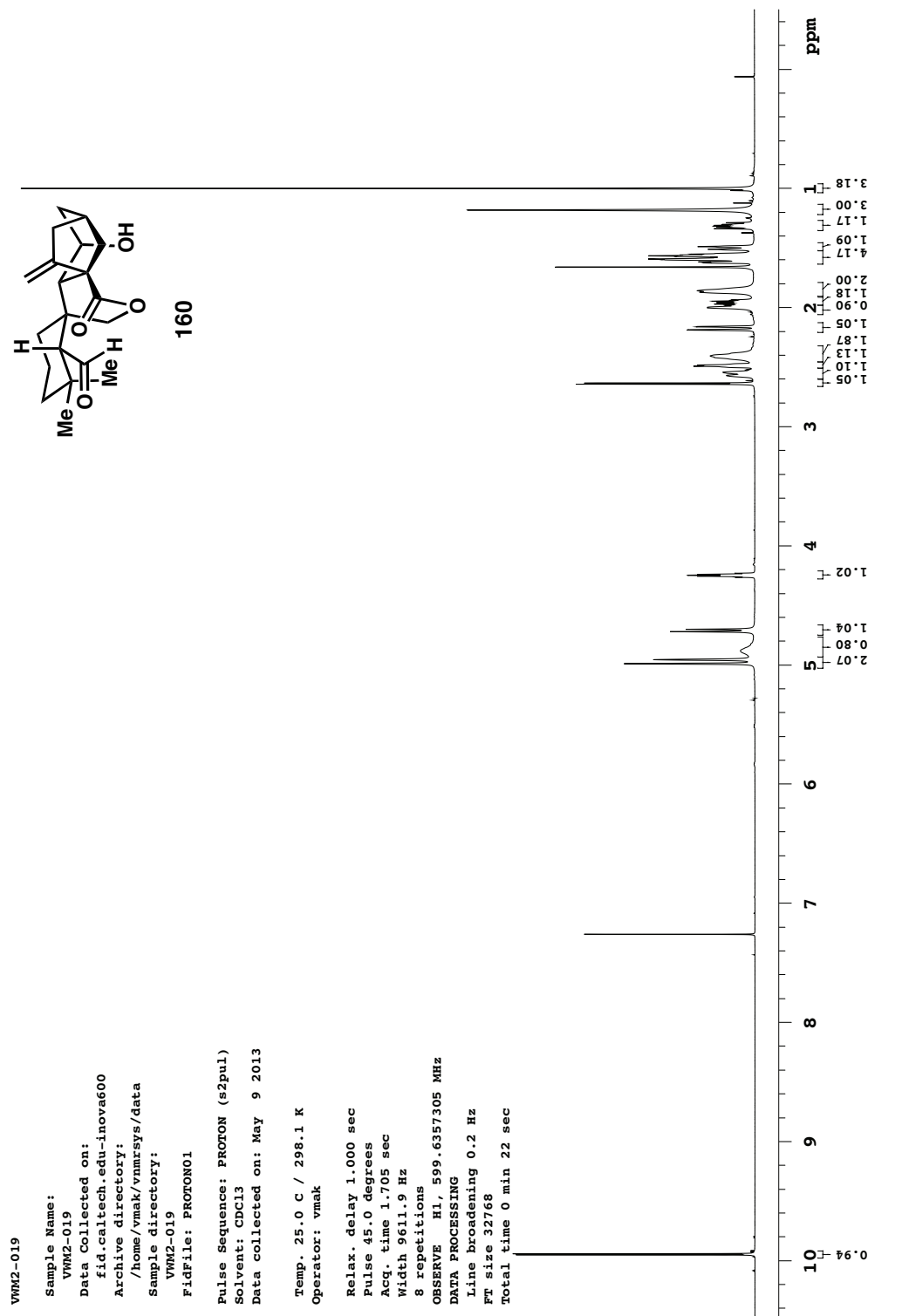


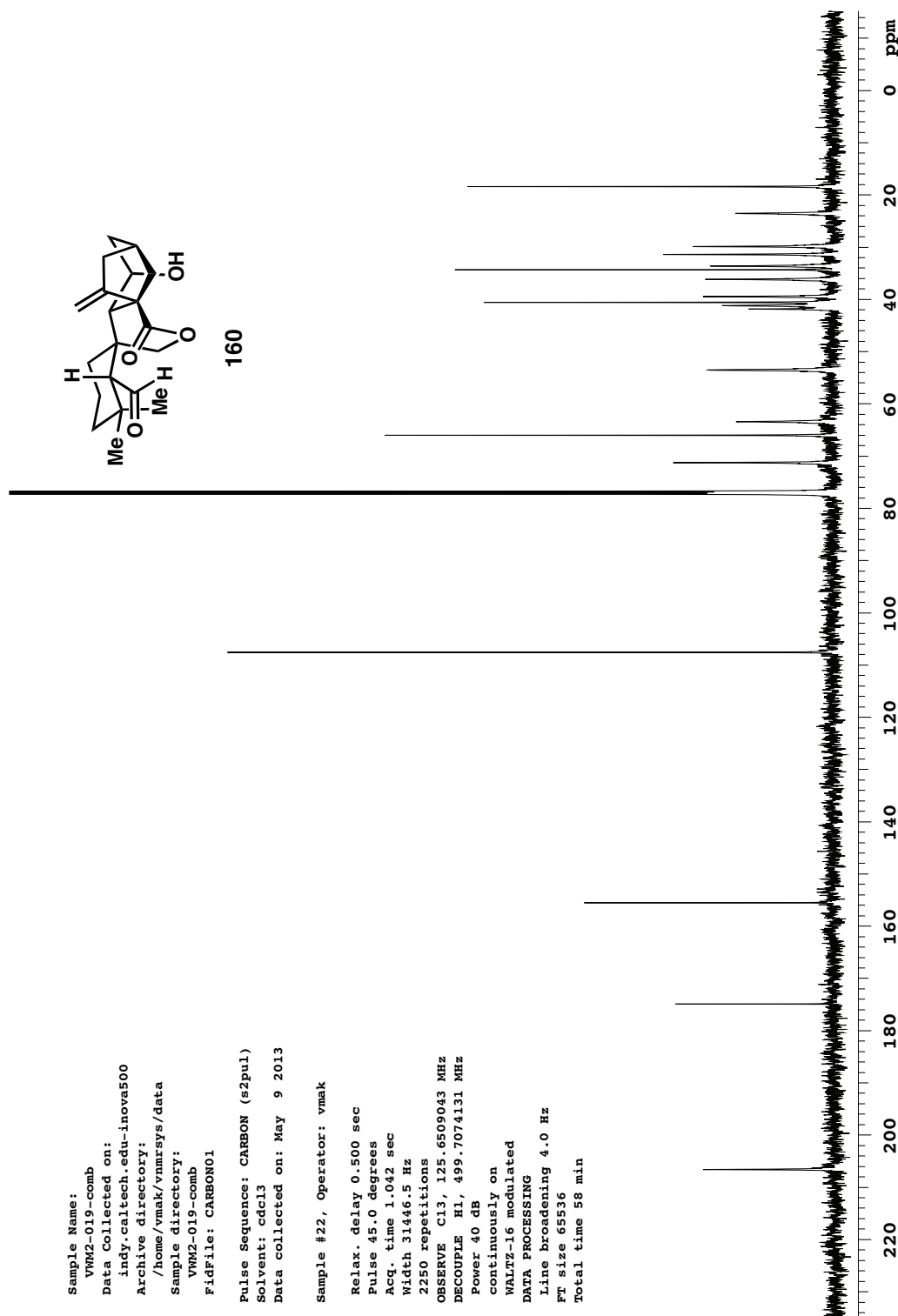


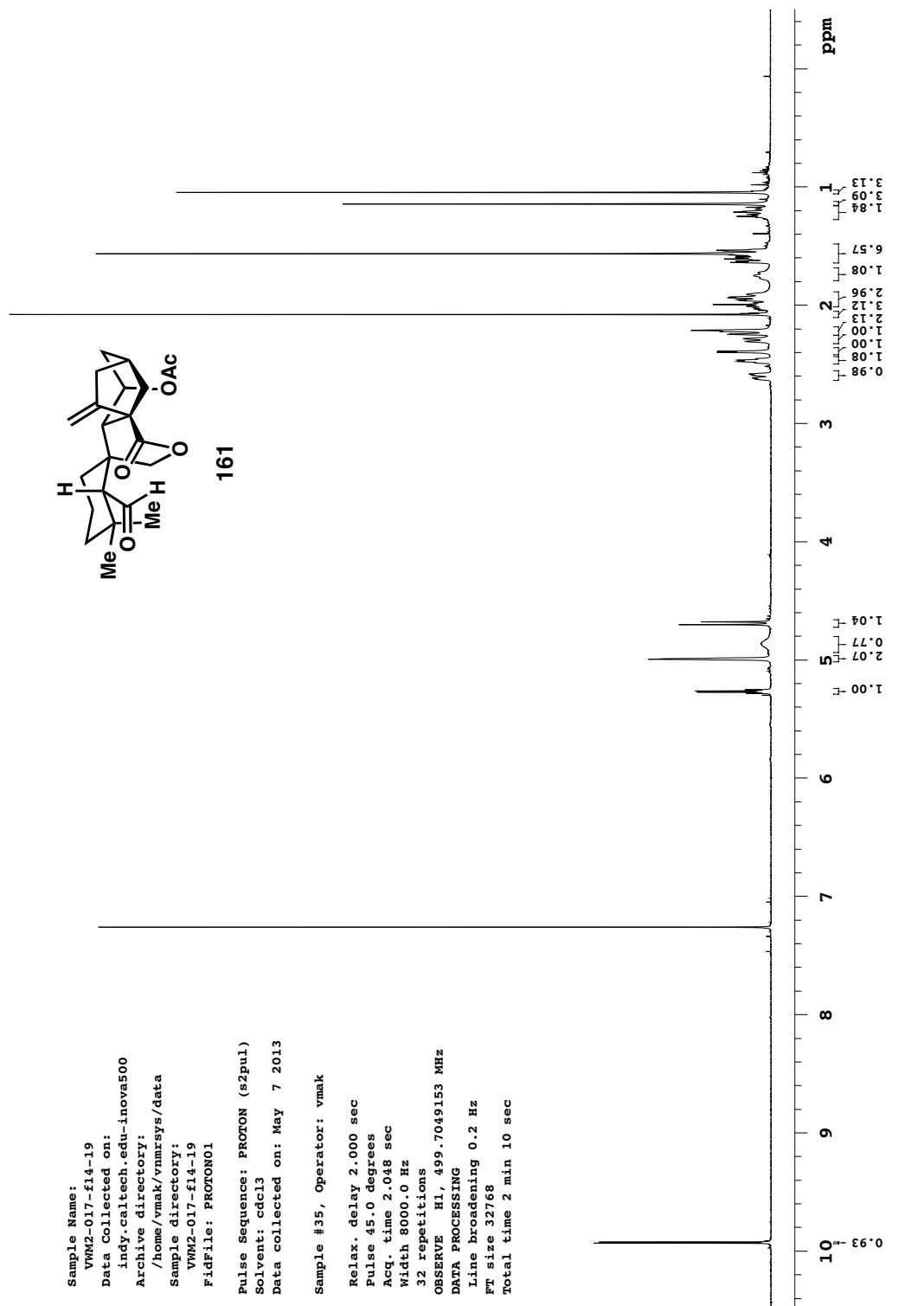


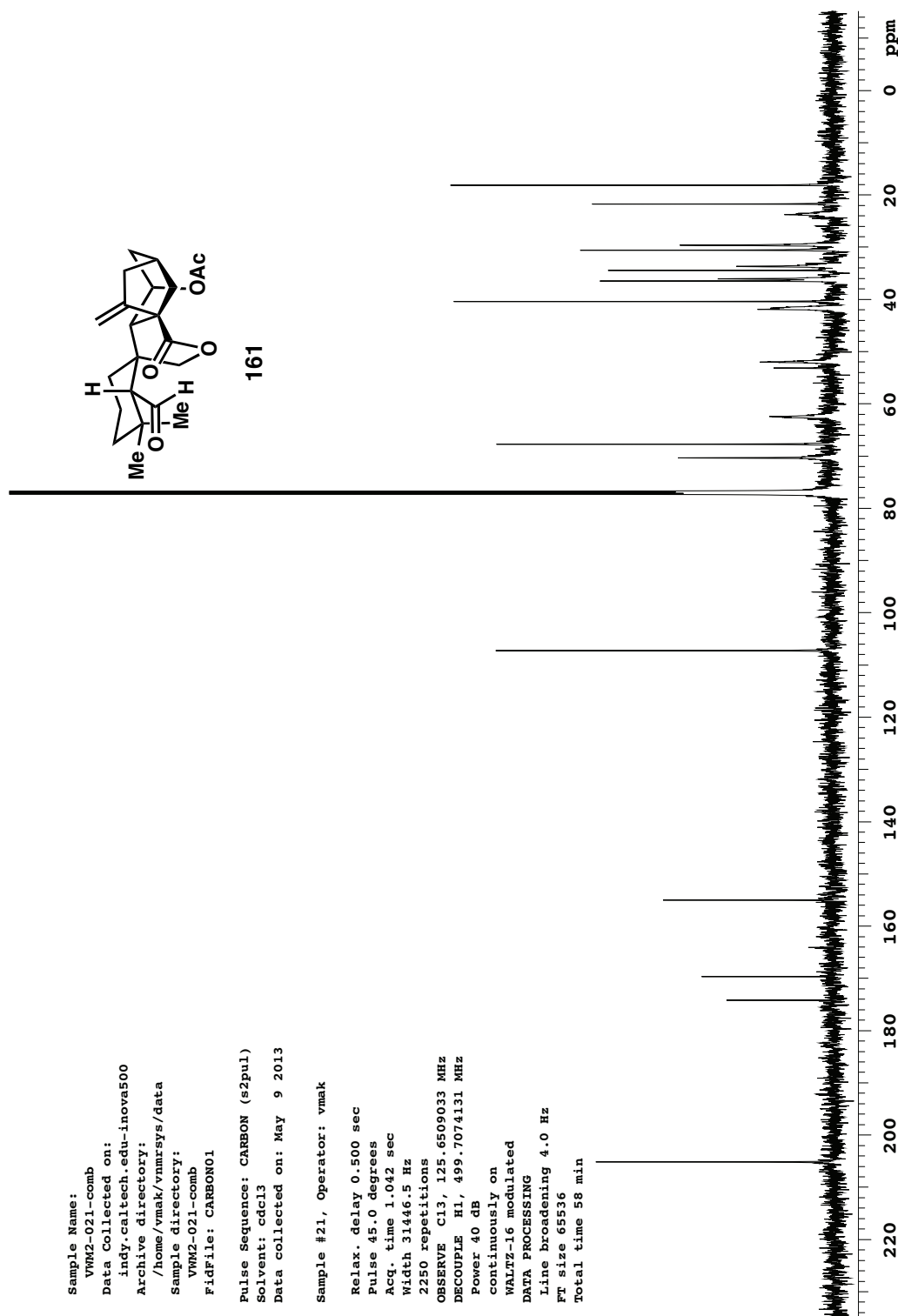


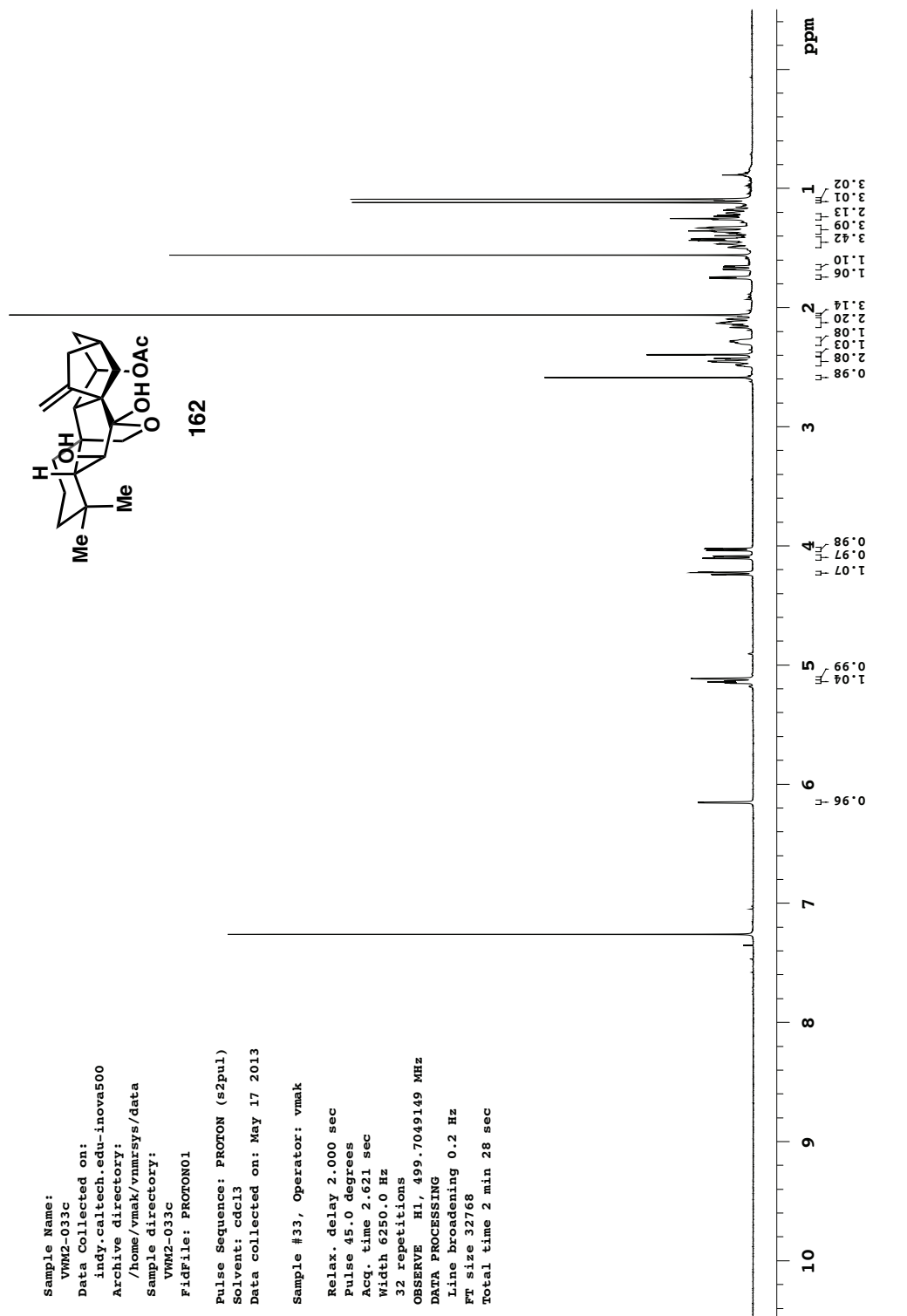


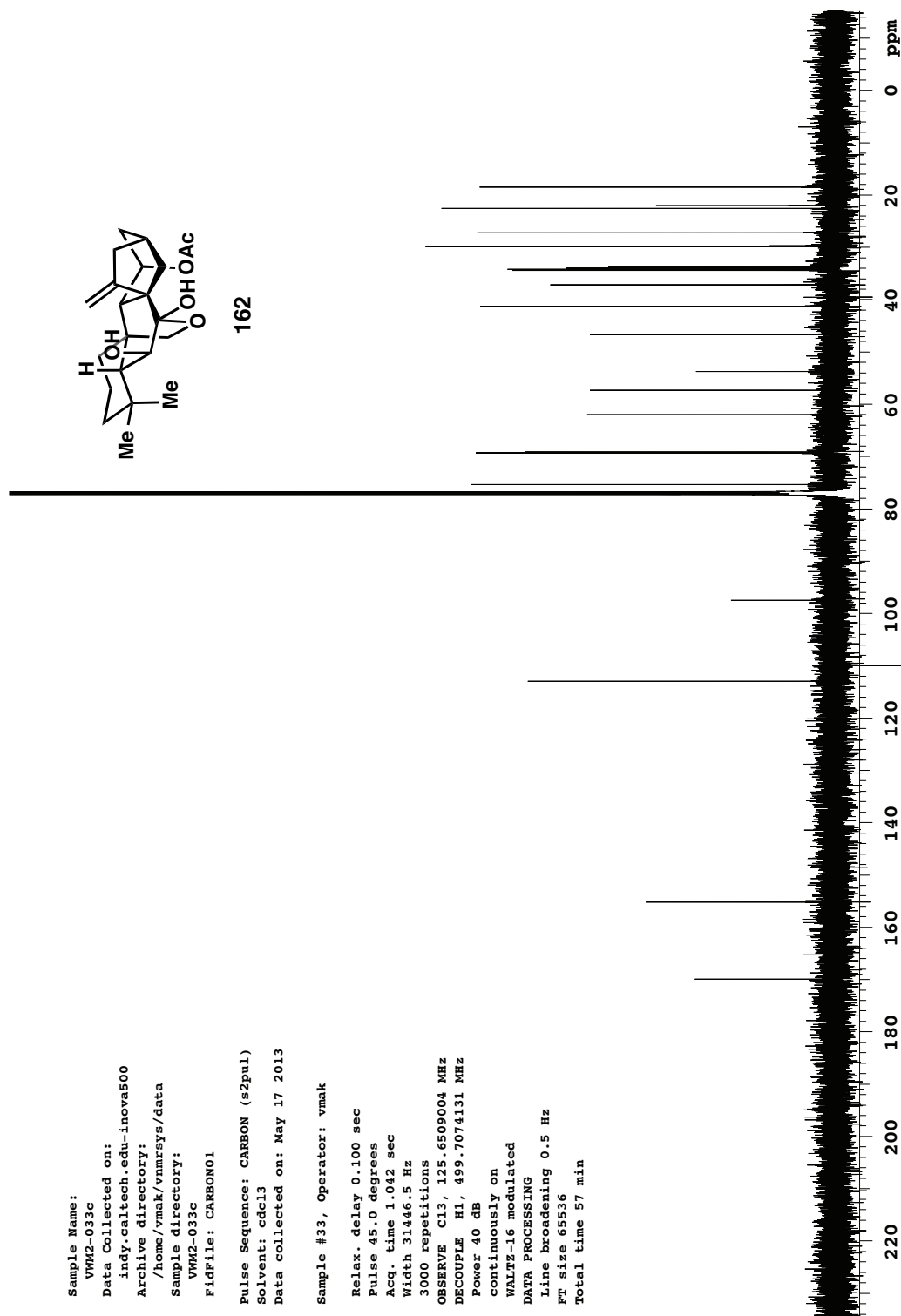


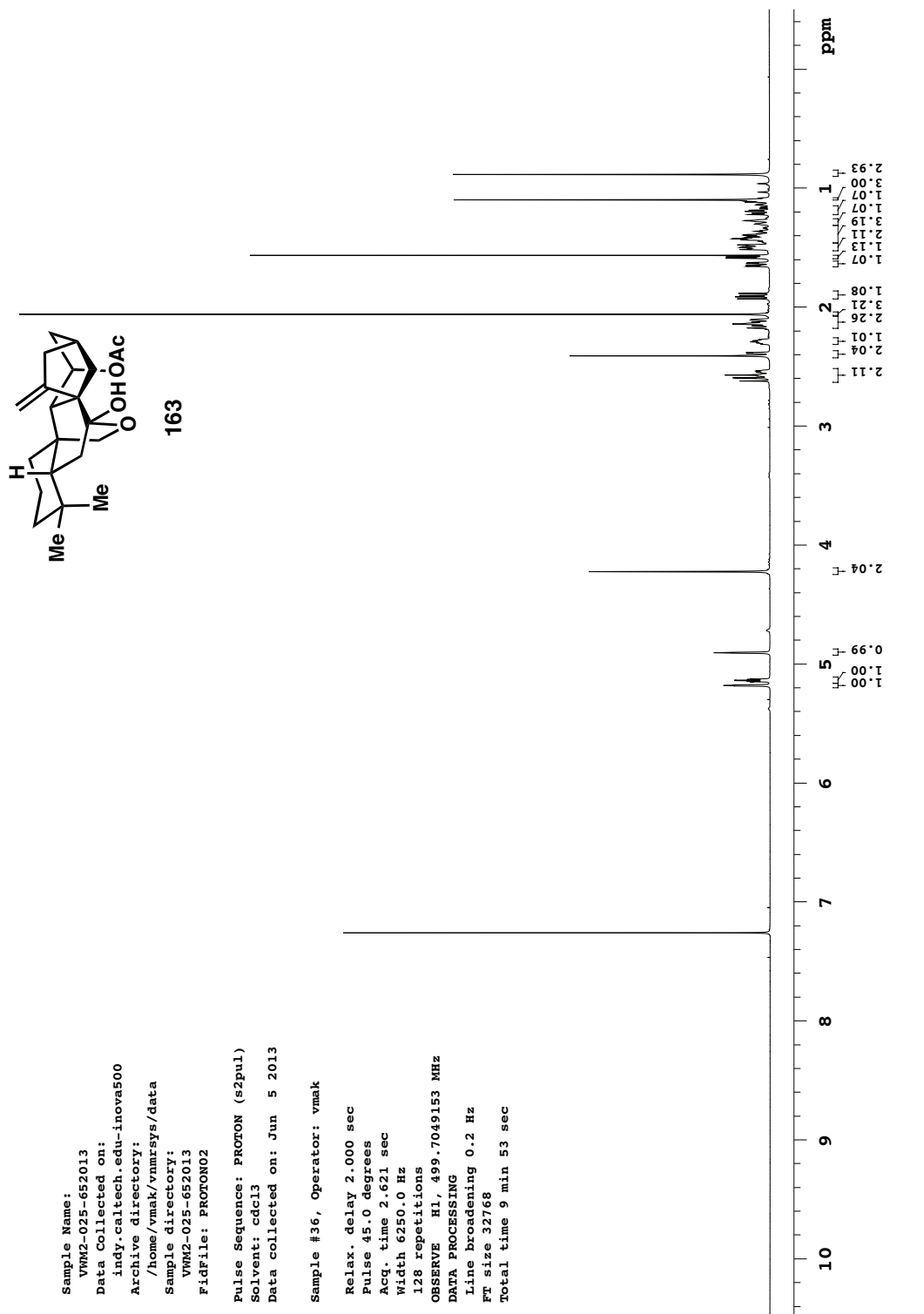


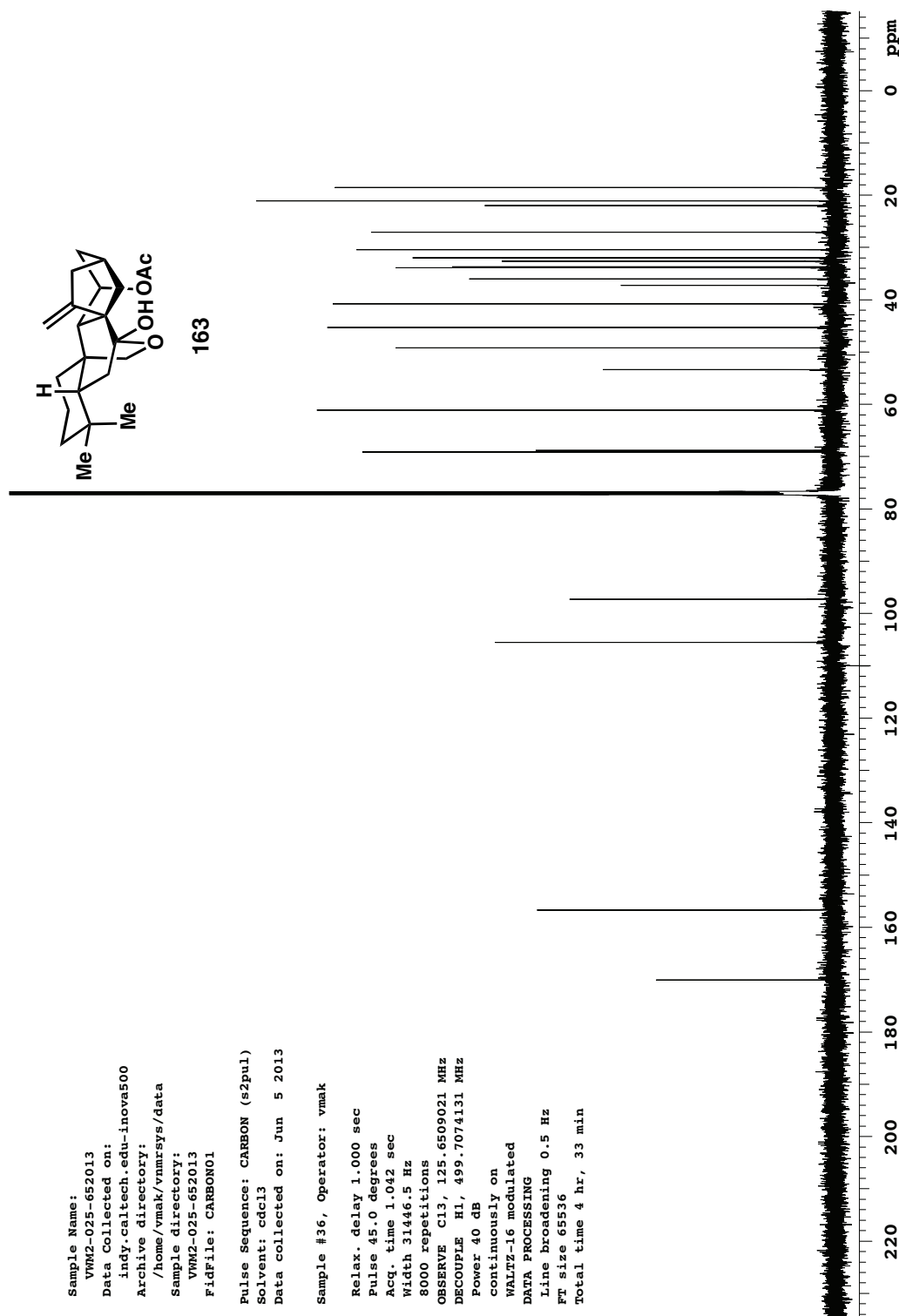


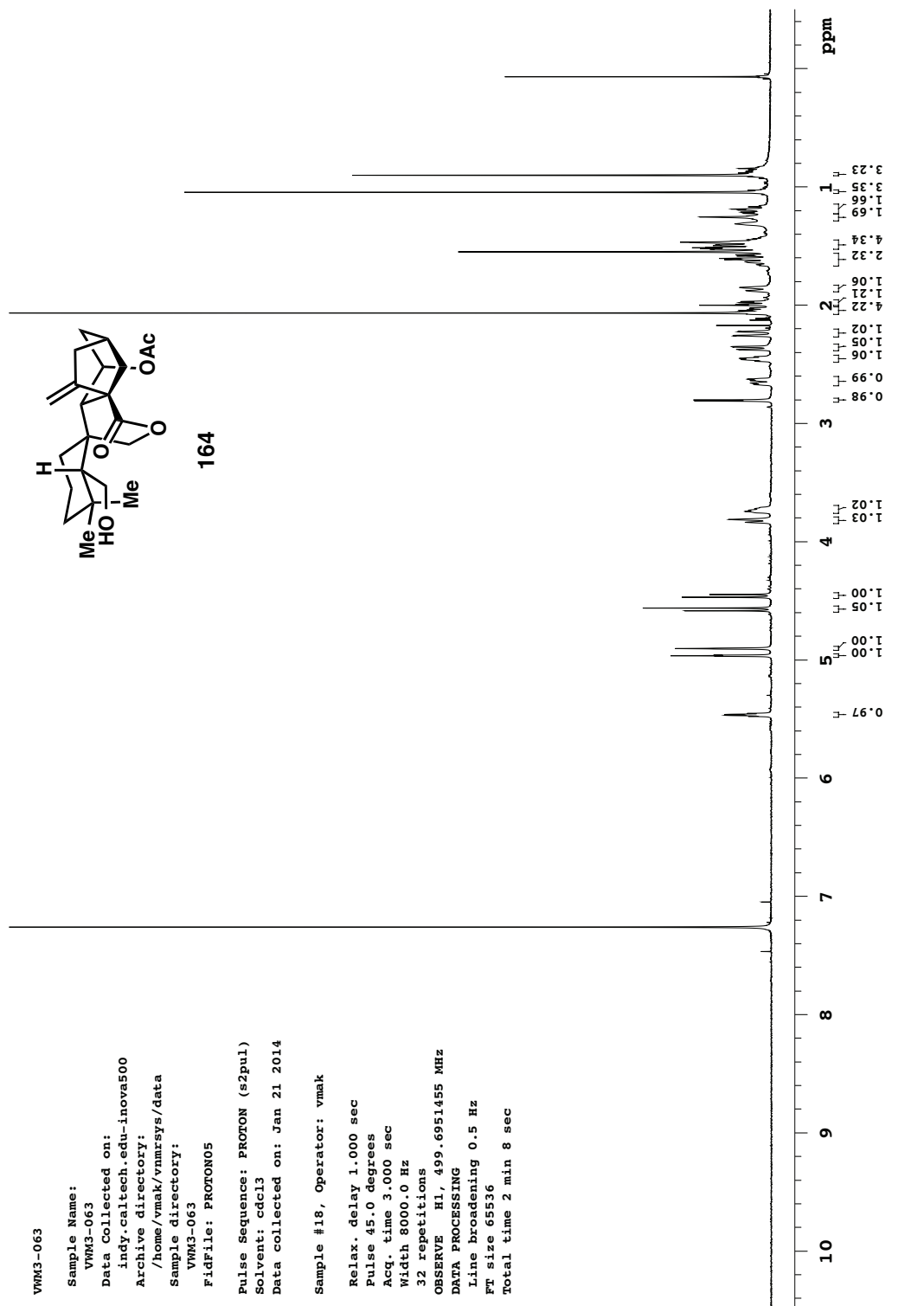


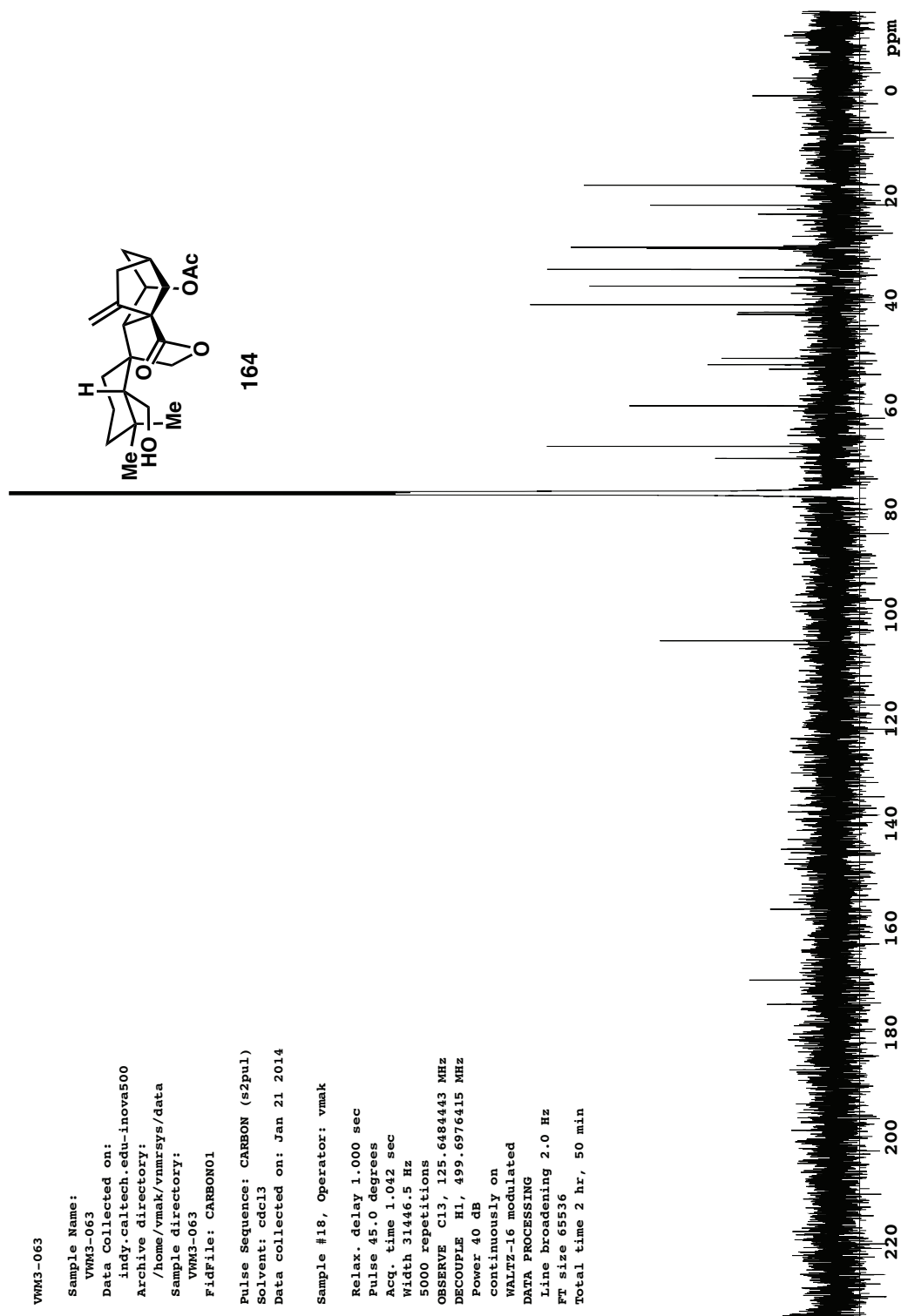


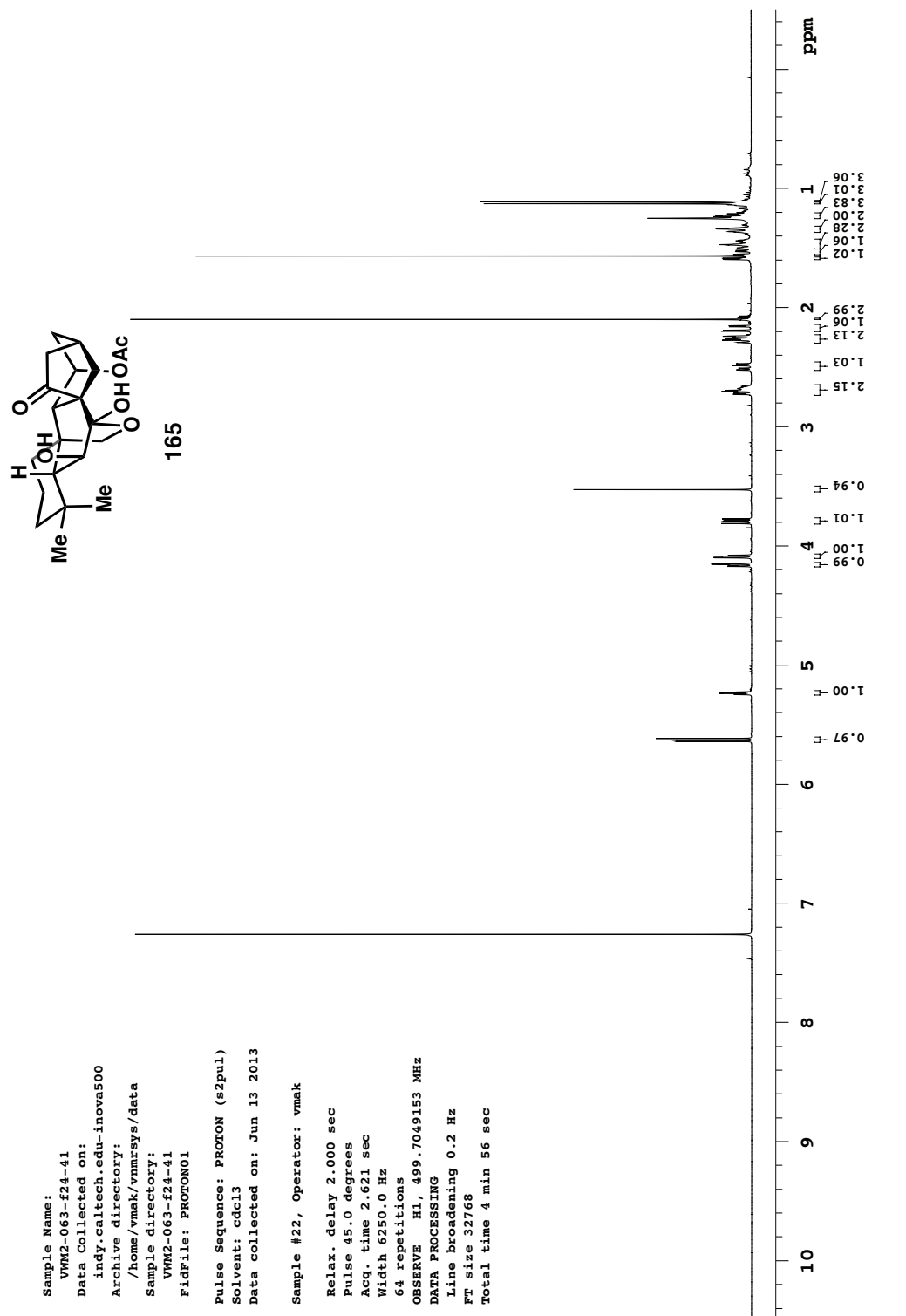


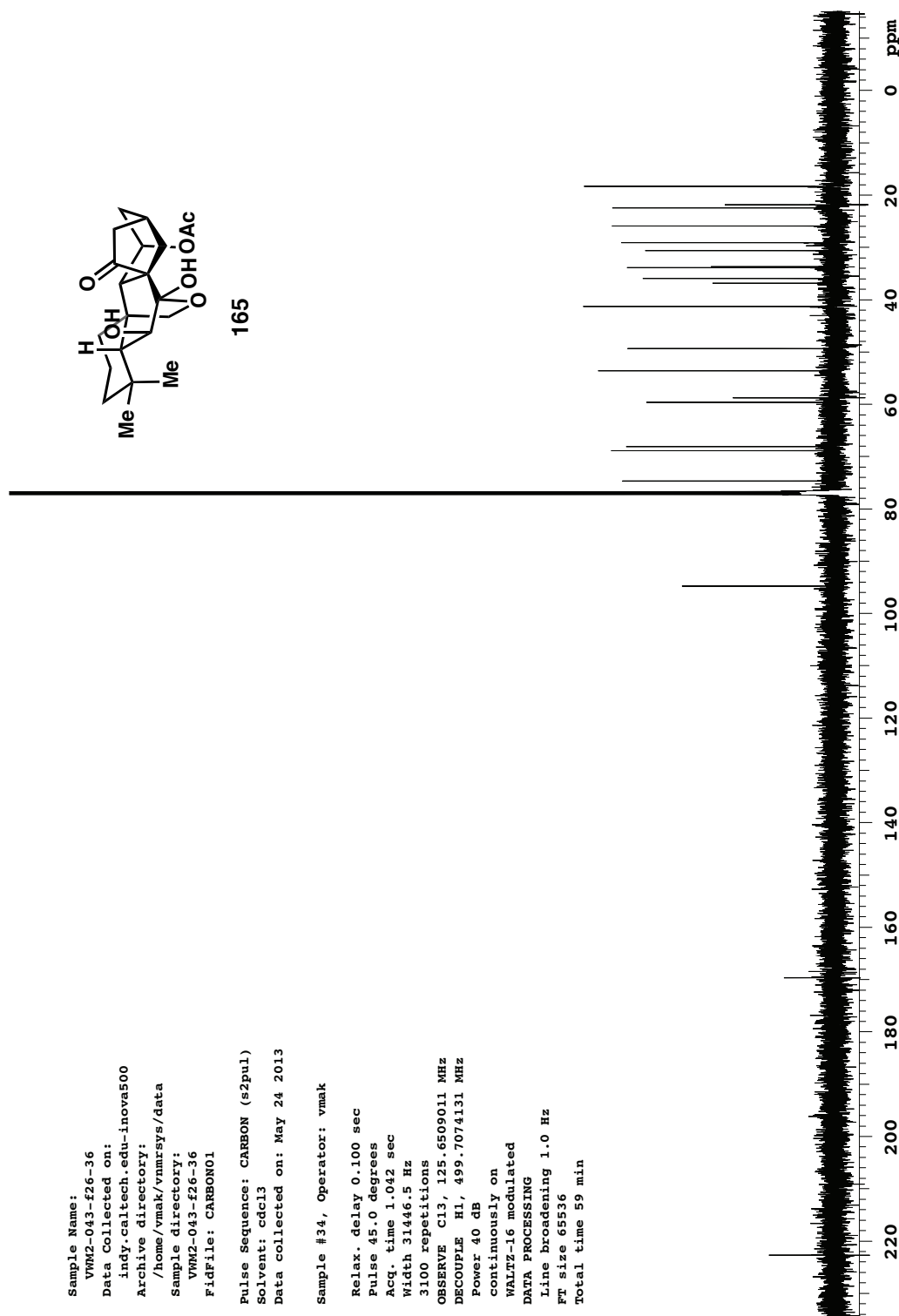


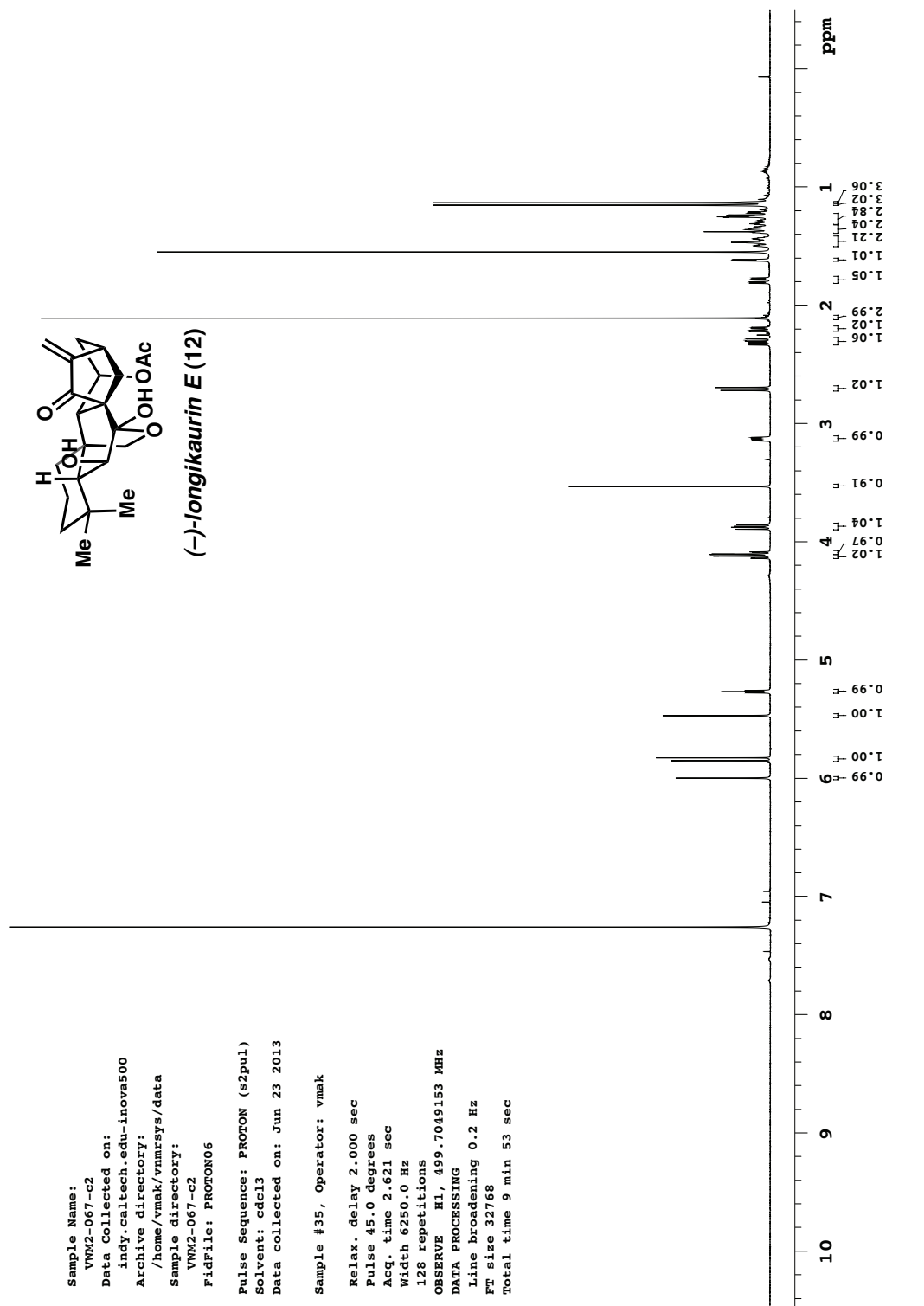


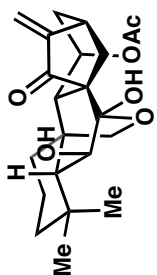












(-)-longikaurin E (12)

Sample Name:
 VM2-067-c2
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/vmak/vnmrsys/data
 Sample directory:
 VM2-067-c2
 Fidfile: CARBON01
 Pulse Sequence: CARBON (s2pul)
 Solvent: cdcl3
 Data collected on: Jun 22 2013
 Sample #20, Operator: vmak
 Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 1.042 sec
 Width 31446.5 Hz
 12500 repetitions
 OBSERVE C13, 125.6509014 MHz
 DECOUPLE H1, 499.7074131 MHz
 Power 40 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 0.5 Hz
 FT size 65536
 Total time 7 hr, 7 min

