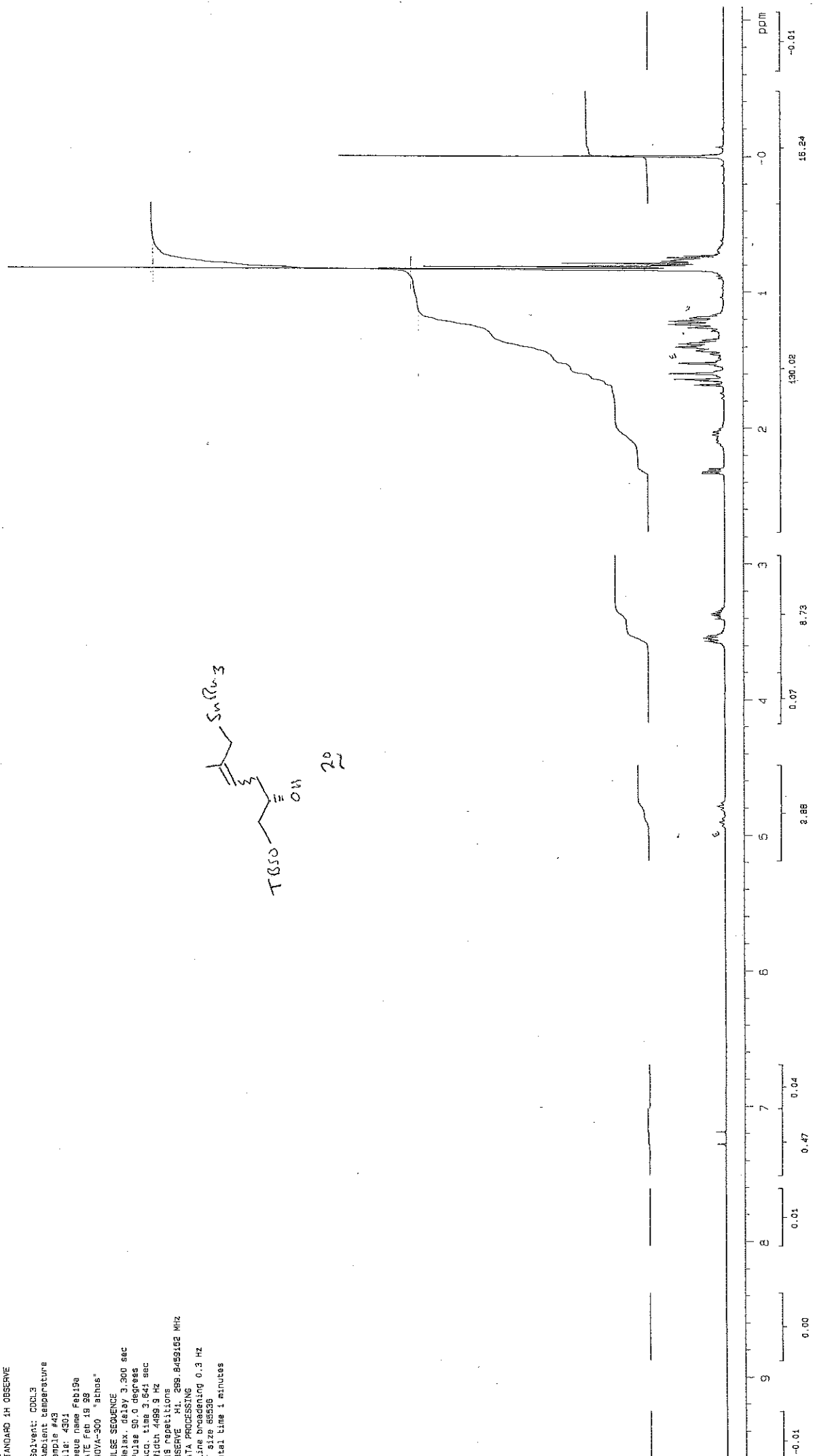
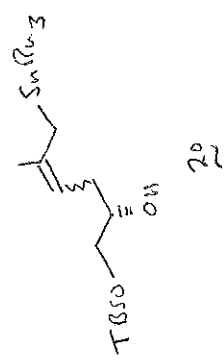


19M014
STANDARD 1H OBSERVE

Solvent: CDCl3
Ambient temperature
Sample #43
File: 4301
Acq name Feb19a
Date Feb 15 98
NOVA-300 "abhas"
PULSE SEQUENCE
PRG: zgpg30 3.300 sec
PULPROG: zgpg30
AQ: 0.52000000
RG: 327.6841 sec
AQ: 1.10000000
RG: 327.6841 sec
SFO: 500.137089 MHz
WDW: EM
SSB: 0
GB: 0
PC: 1.00000000
RESERVE: H1 269.8455152 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT SIZE 65535
*Total time 1 minutes

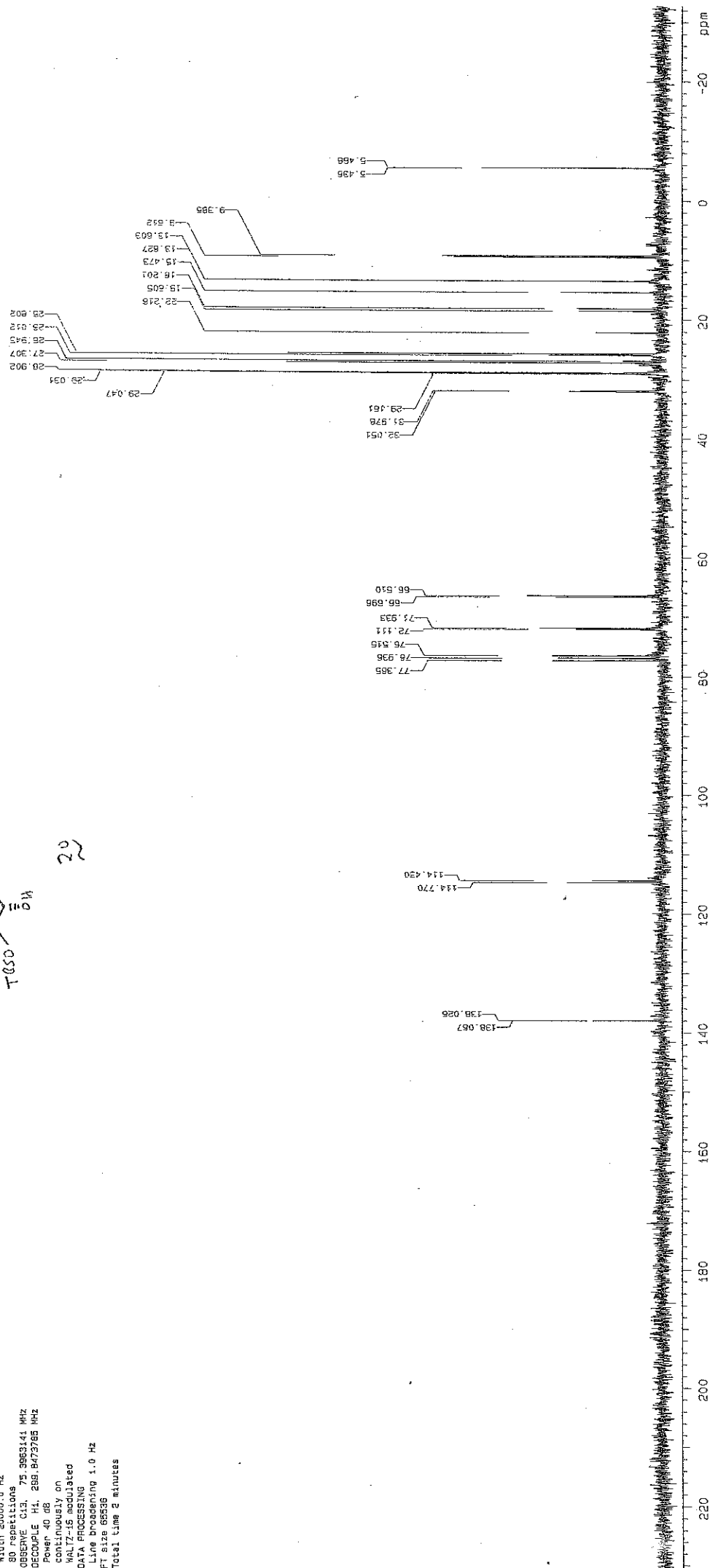
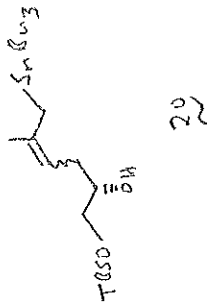


NGM014
 STANDARD 1H OBSERVE

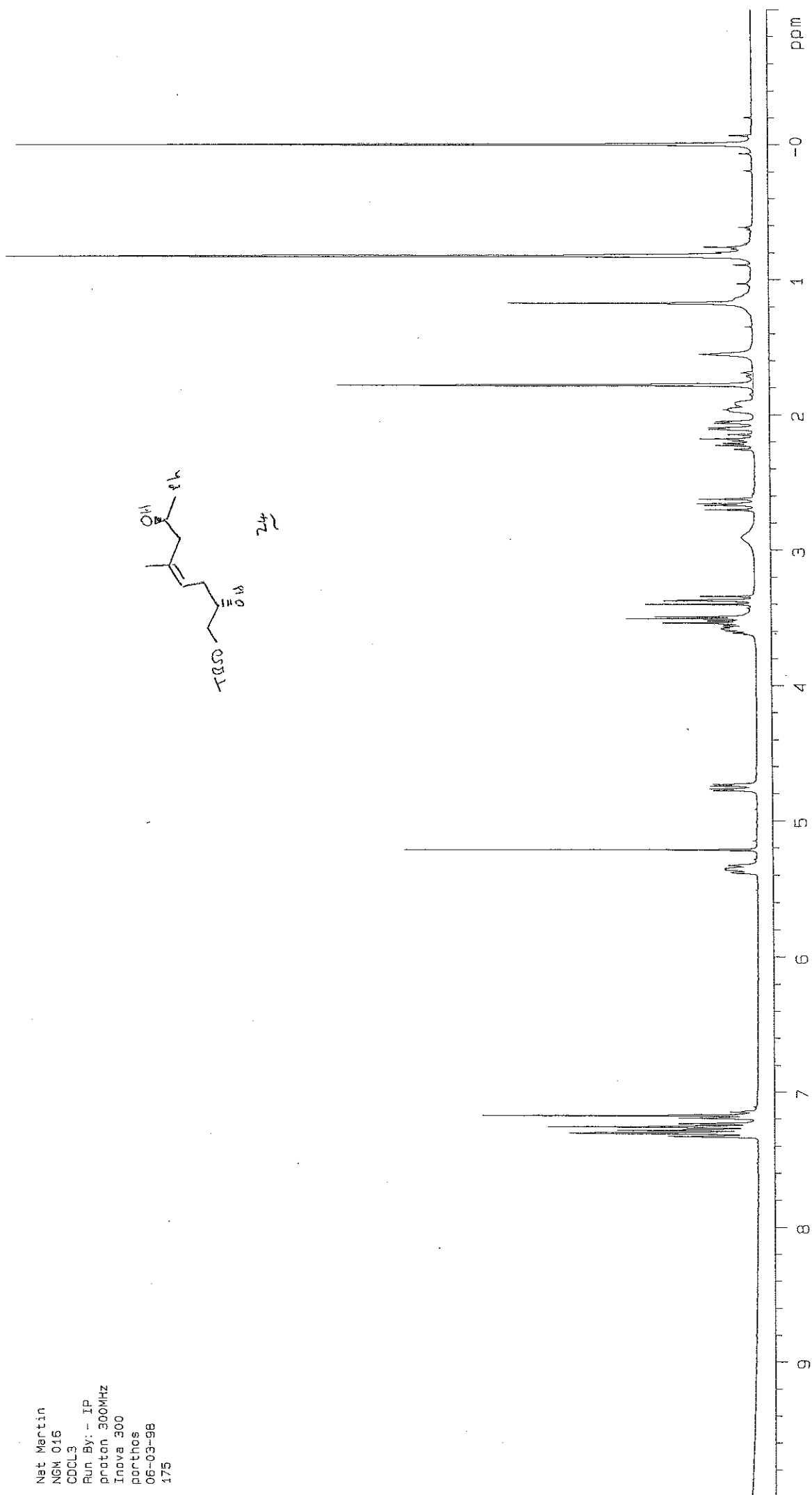
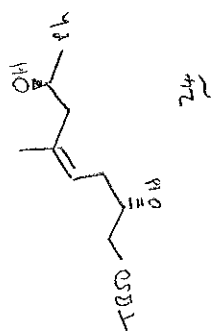
Solvent: CDCl₃
 Ambient temperature
 Sample #12
 File: 1202
 Queue name: Feb25C
 Date: Feb 25 '08
 INOVA-500 "athos"

PULSE SEQUENCE
 Pulse: 45.0 degrees
 Acq. time: 1.539 sec
 Width: 20000.0 Hz
 80 repetitions
 OBSERVE: C13, 75.3963141 MHz
 DECOUPLE: H1, 299.8473785 MHz
 Power: 40 dB
 continuously on

WALTZ-16 modulated
 DATA PROCESSING
 Line broadening: 1.0 Hz
 FT size: 65536
 Total time: 2 minutes



Nat Martin
NGM 016
CDCL3
Run By: - IP
proton 300MHz
Inova 300
parthos
06-03-98
175

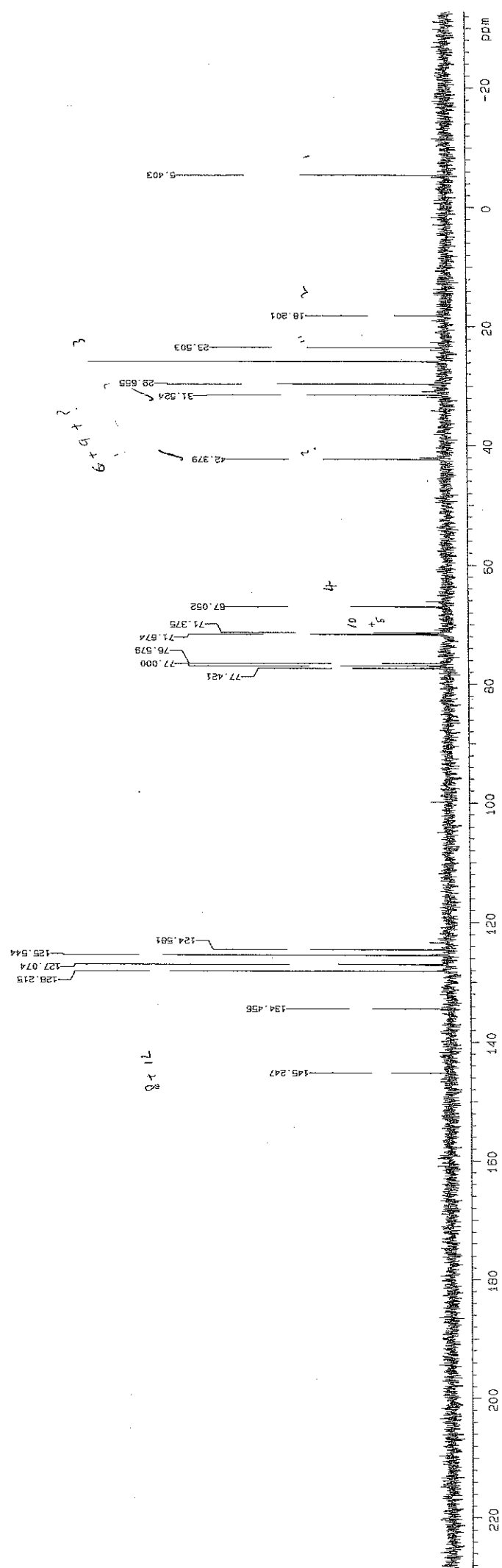
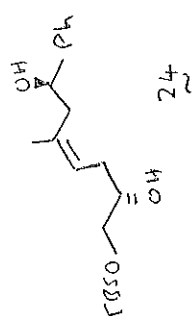
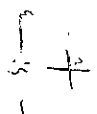
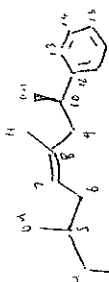


nm0016
 STANDARD 2H OBSERVE

Solvent: CDCl3
 Ambient temperature
 Sample #29
 File: 3502
 Queue name: HRC09
 DATE: Wed 2 Sep
 INOVA-500 "echos"

PULSE SEQUENCE
 PULPROG zgpg30
 Acq. time 1.636 sec
 Width 20000.0 Hz
 32 repetitions

OBSERVE C13, 75.3853141 MHz
 DECOUPLE H1, 299.6473705 MHz
 Power 40 dB
 continuously on
 MALTZ-18 modulated
 DATA PROCESSING
 Line broadening 1.0 Hz
 FT size 65536
 Total time 3 minute



13 14 15 7

21 28

27 28

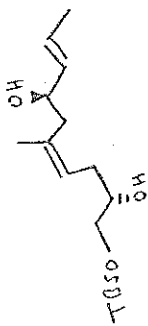
9 10 11 12

2.6

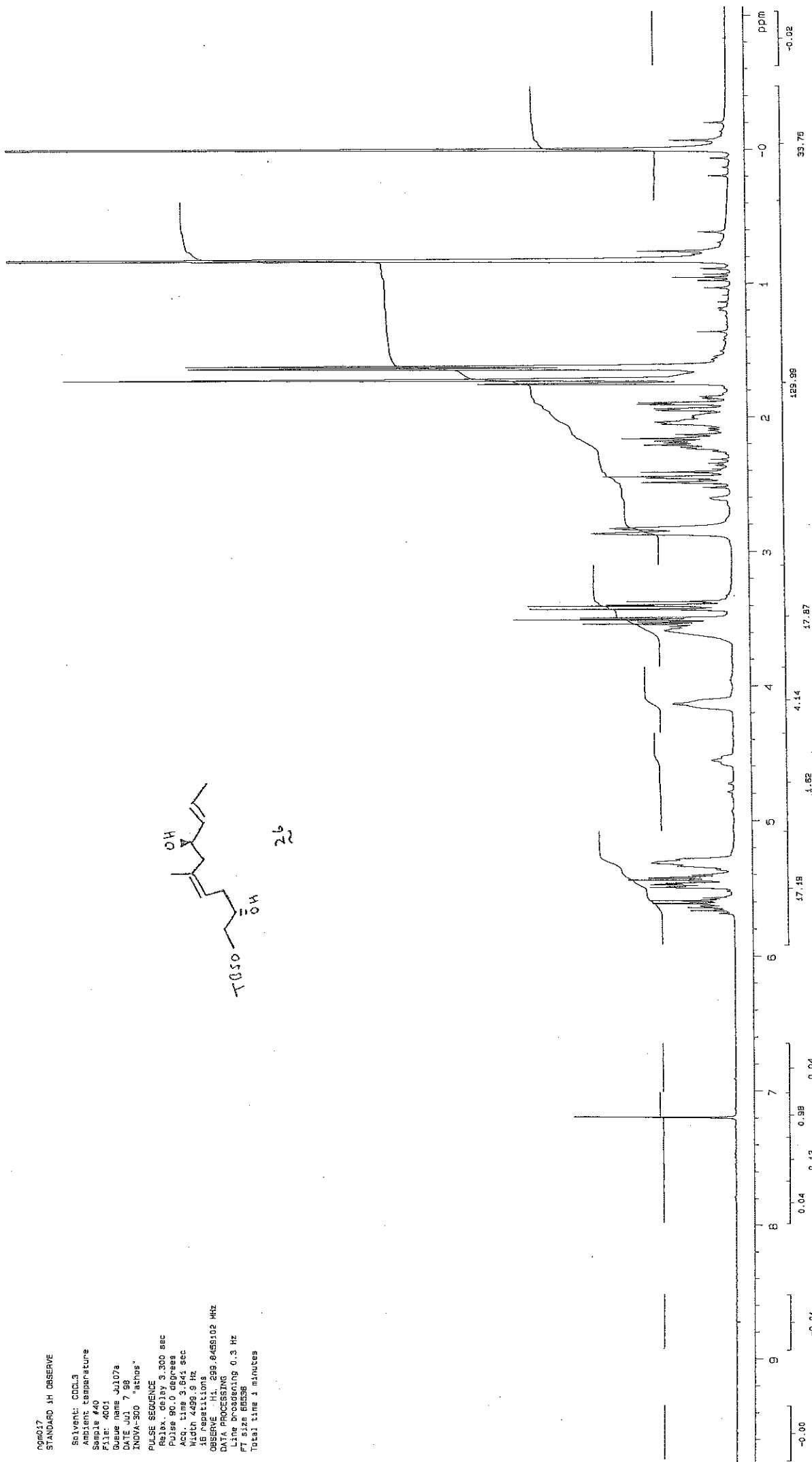
000017
STANDARD 1H OBSERVE

Solvent: CDCl₃
Ambient Temperature
Sample #40
File: 4001
Date_ Time: 03/07/08
Date_ Time: 17:58
INSTR: 300 "8chrs"

PULSE SEQUENCE
Relax. delay 3.300 sec
Pulse 90.0 degrees
Acq. time 3.041 sec
Width 4499.9 Hz
Height 111.000
Sensitivity 0.6455102 MHz
Observed 67.500 MHz
D1: 0.100 sec
D17: PROCESSING
Line broadening 0.3 Hz
FT size 65536
Total time 1 minutes

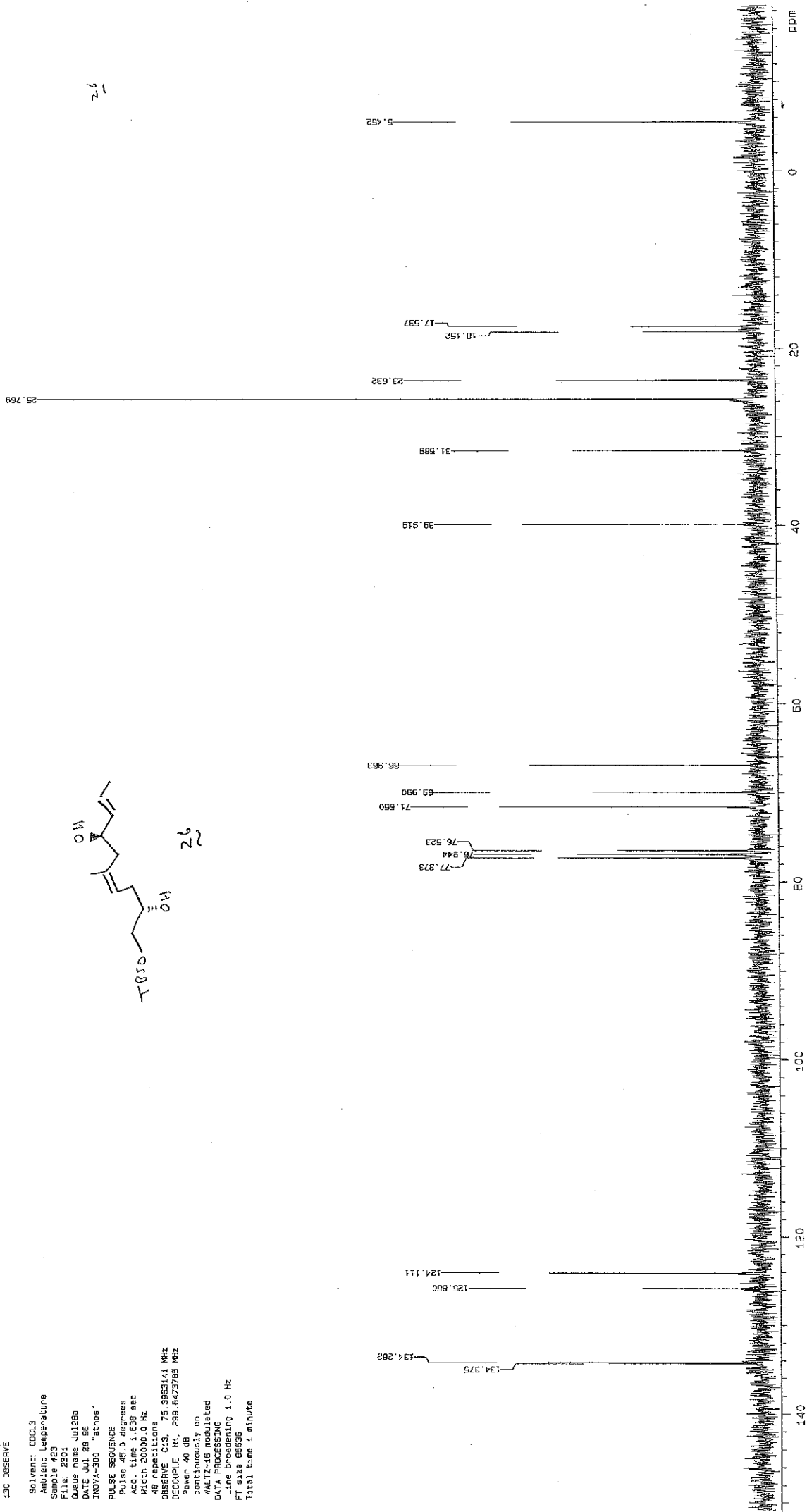
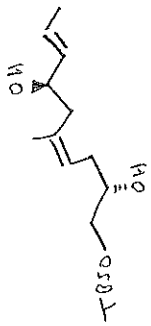


26



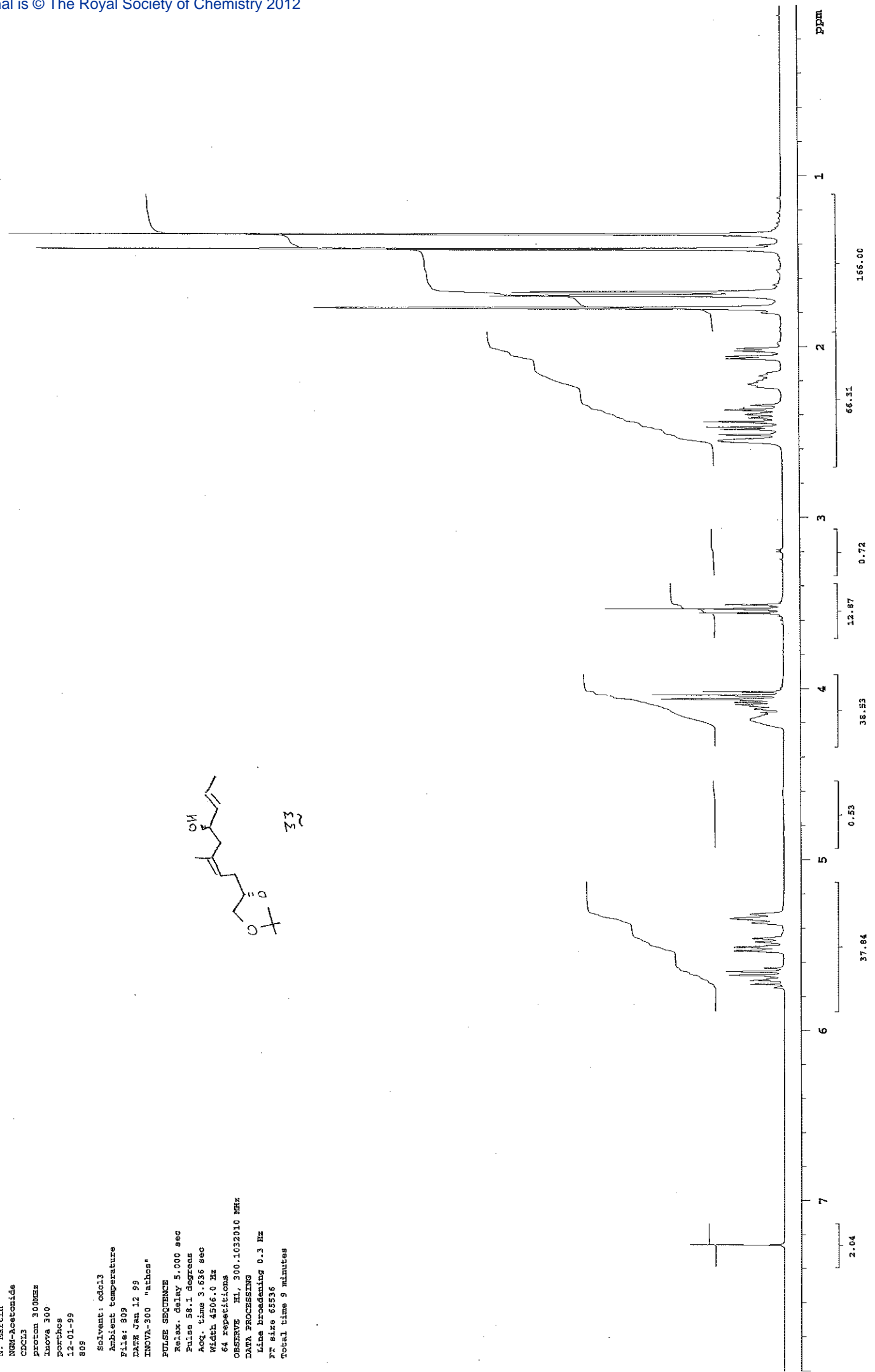
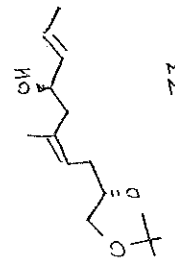
NSM 017.mr10r
13C OBSERVE

Solvent: CDCL3
Ambient temperature
Sample #23
File: 2301
Queue Name: J01289
DATE: JUL 26 08
INPTX-500 *8chos*
PULSEC SEQUENCE
Pulse 45.0 degrees
Acq. Time 1.638 sec
Width 20000.0 Hz
48 repetitions
OBSERVE C13, 75.3963141 MHz
DECOUPLE HA, 299.8473788 MHz
Power 40 dB
Pulsed on
Pulsed on
MULTI-48 multiscan
DATA PROCESSING
Line broadening 1.0 Hz
FI size 68935
Total time 1 minute



33

N. Martin
NGM-Acetonide
CDCl3
proton 300MHZ
Inova 300
porthos
12-01-99
809
Solvent: cdcl3
Ambient temperature
File: 809
DATE Jan 12 99
INOVA-300 "athos"
PULSE SEQUENCE
Relax. delay 5.000 sec
Pulse 58.1 degrees
Acq. time 3.636 sec
Width 4306.0 Hz
64 repetitions
OBSERVE H1 300.1032010 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 65536
Total time 9 minutes

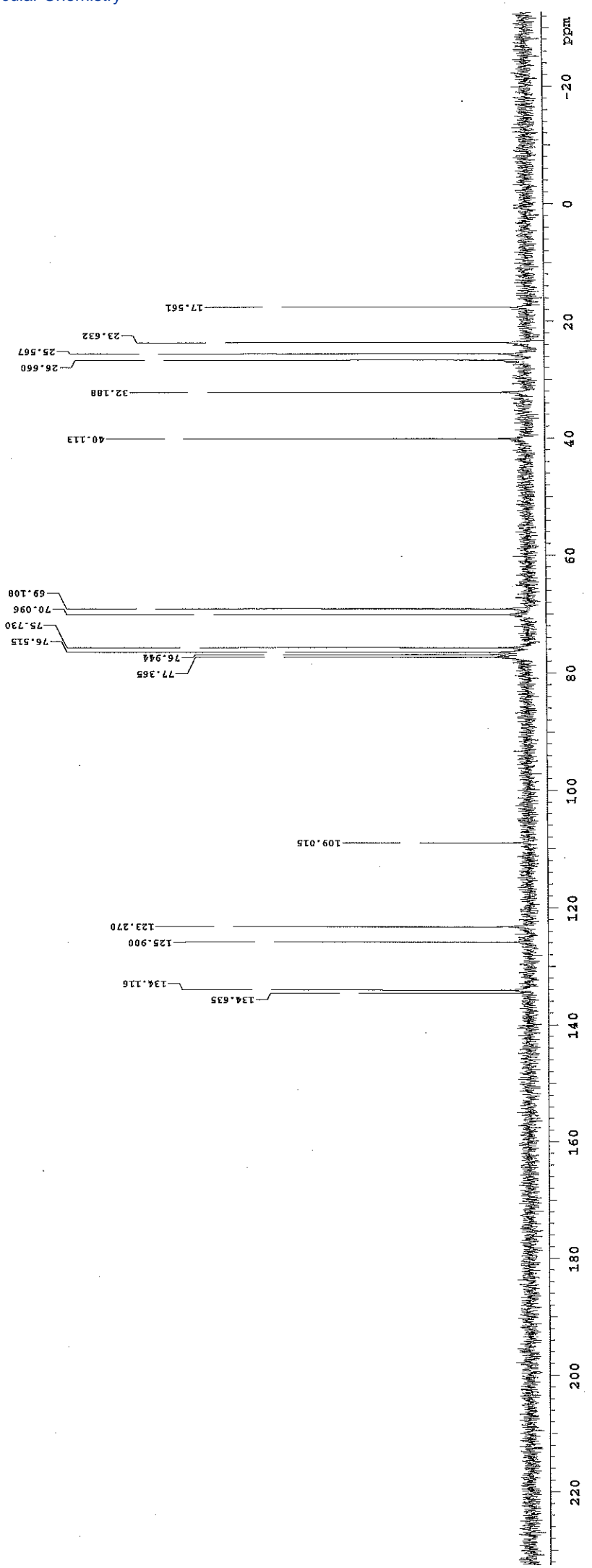
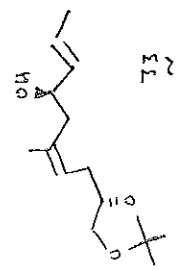


ACETONIDE
STANDARD 1H OBSERVE

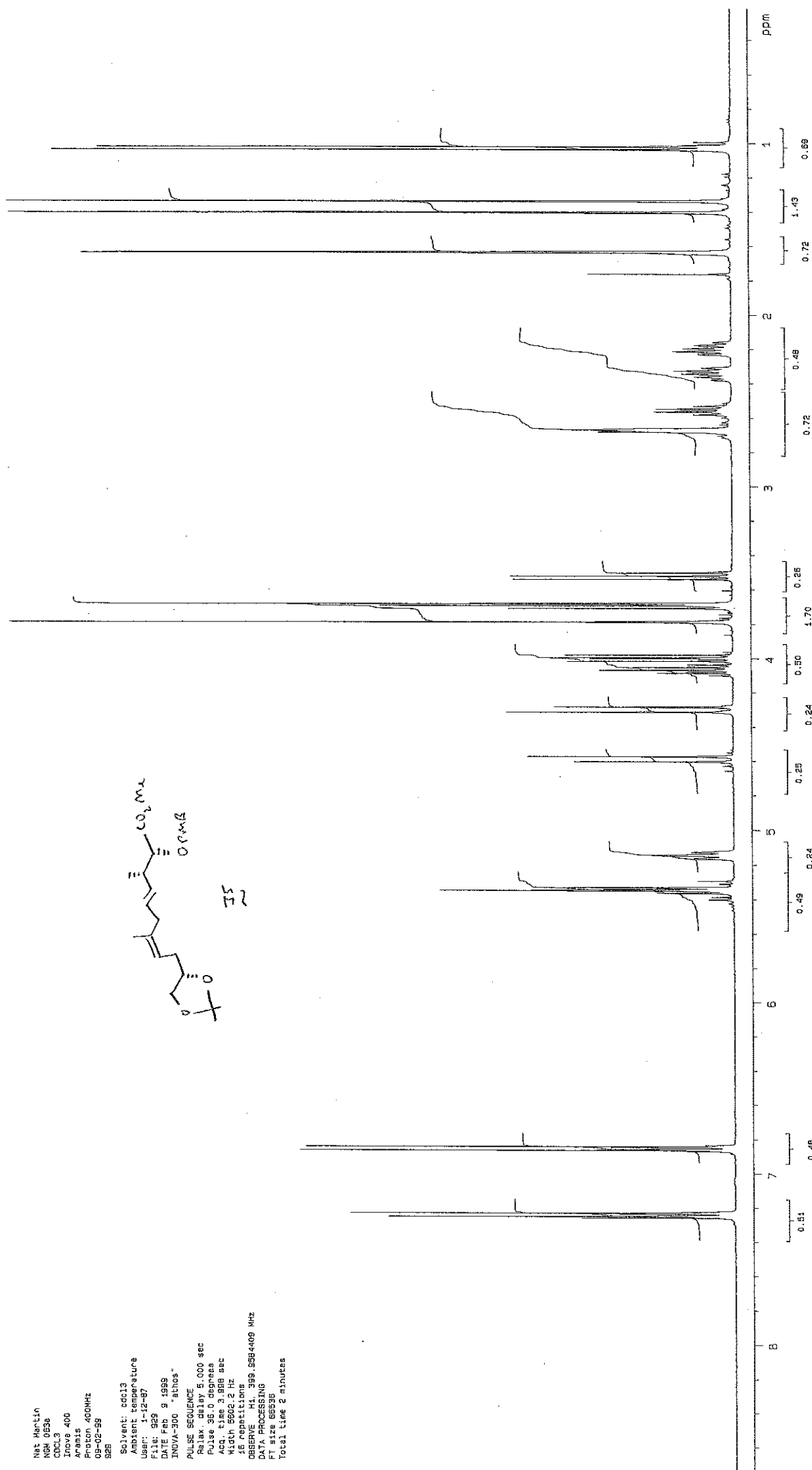
Solvent: CDCl3
Ambient temperature
Sample #29
File: 2902
Quanta name Nov05b
DATE NOV 9 98
INOVA-300 "athos"

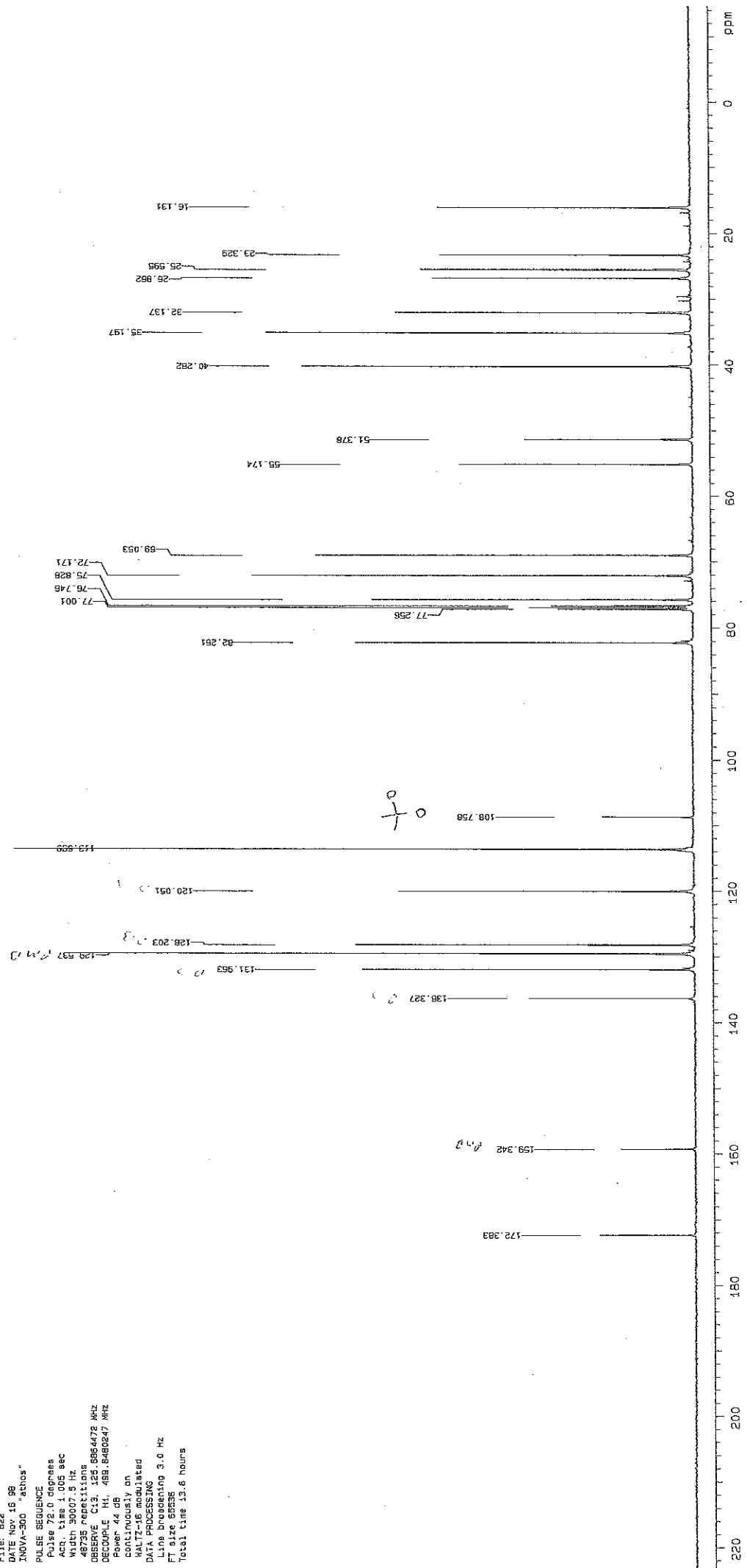
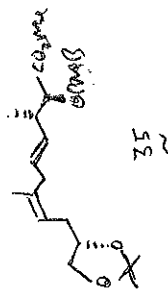
PULSE SEQUENCE
Pulse 45.0 degrees
Acq. time 1.638 sec
Width 20000.0 Hz
1024 repetitions
OBSERVE C13, 75.3963141 MHz
DECOUPLE H1, 299.6473785 MHz
Power 40 dB
continuously on

WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
Ft size 65536
Total time 27 minutes



35

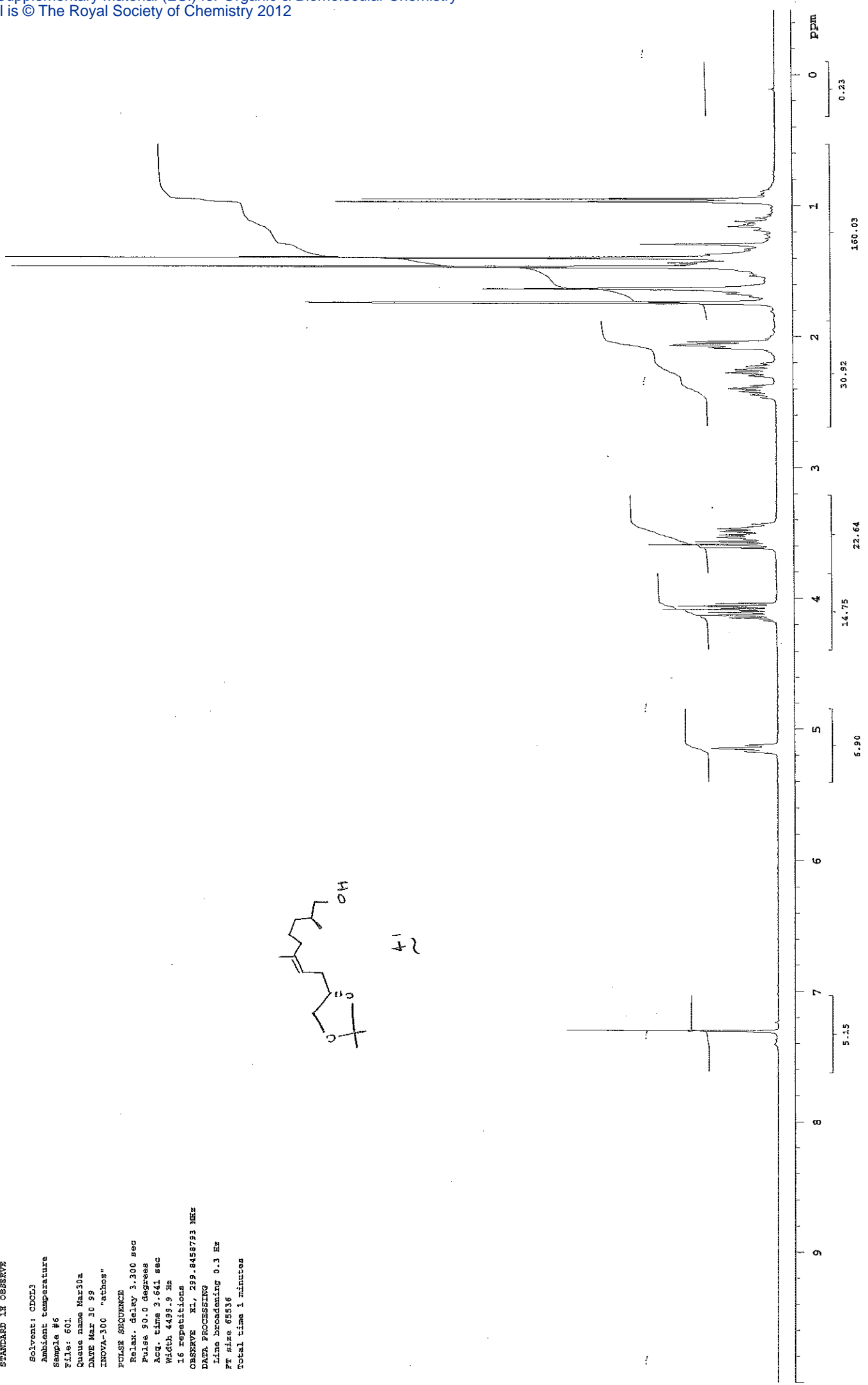
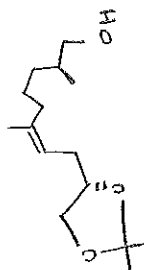




N Martin
 NGM053
 cdc13
 622c
 5mm PFS probe
 Unity 500 (P-K)
 16-11-98
 Solvent: cdc13
 Ambient temperature
 User: j-15-87
 File: 622
 DATE Nov 15 98
 INOVA-300 "achos"
 PULSE SEQUENCE
 Pulse 72.0 degrees
 Acq. time 1.005 sec
 Width 30007.5 Hz
 48735 repetitions
 OBSERVE C13, 125.8864472 MHz
 DECOUPLE H1, 489.8480647 MHz
 Power 44 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 3.0 Hz
 FT size 65536
 Total time 13.6 hours

ic 1,8 stuff
STANDARD 1X OBSERVE

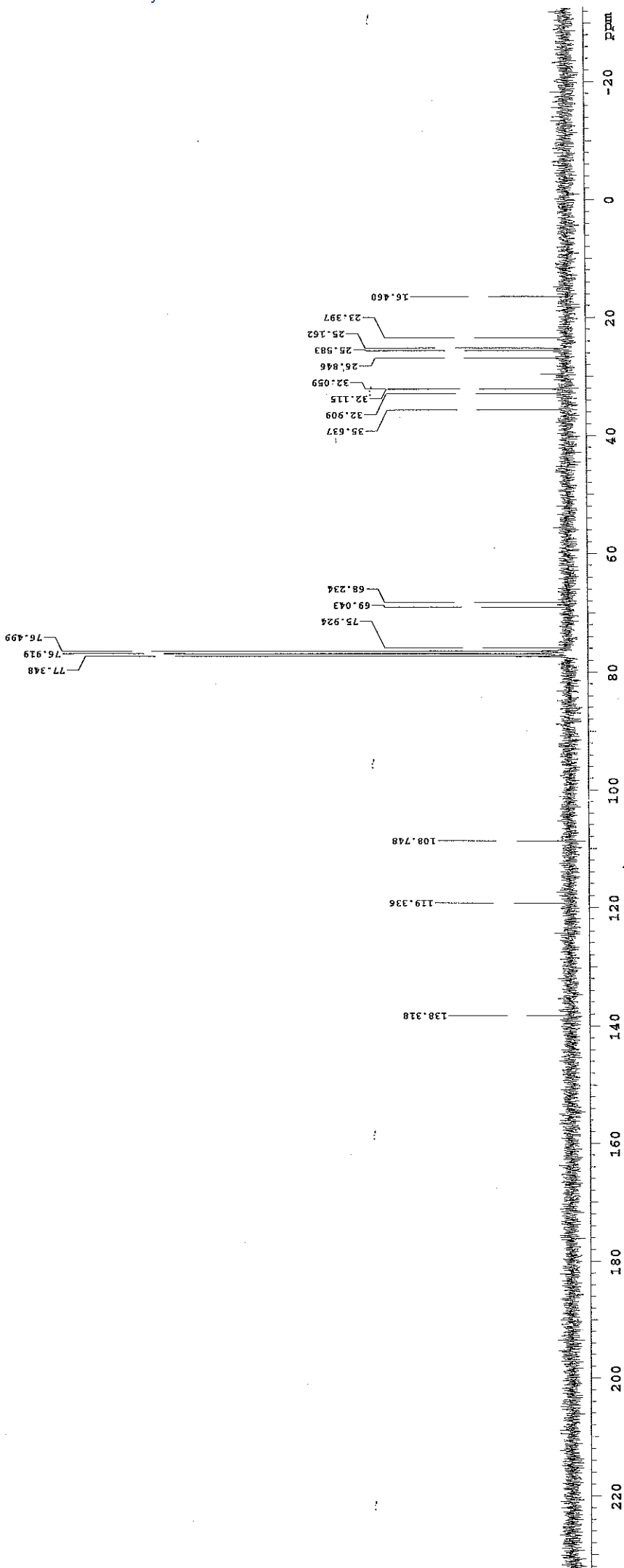
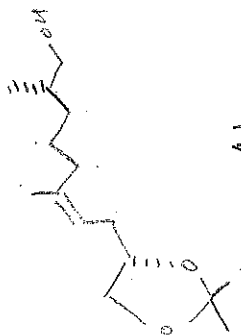
Solvent: CDCl3
Ambient temperature
Sample #6
File: 601
Queue name Mar30a
DATE Mar 30 99
INNOVA-300 "athos"
PULSE SEQUENCE
Relax. delay 3.300 sec
Pulse 90.0 degrees
Acq. time 3.641 sec
Width 499.9 Hz
16 repetitions
OBSERVE F1, 299.8458783 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 65536
Total time 1 minutes



nmr ic 1.8
13C OBSERVE

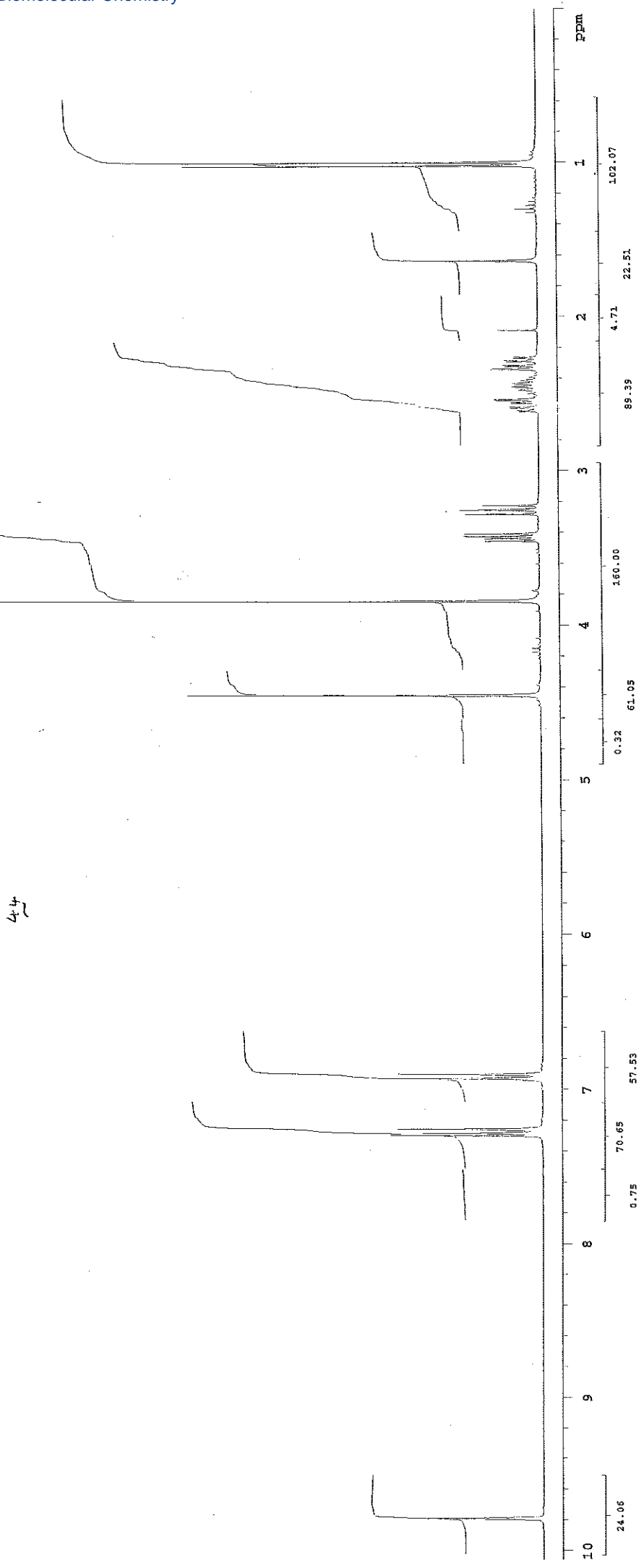
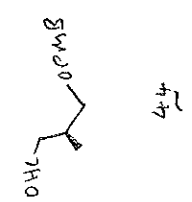
Solvent: CDCl3
Ambient temperature
Sample #32
File: 3201
Queue name Mar30a
DATE Mar 30 99
INOVA-300 "athos"

PULSE SEQUENCE
Pulse 45.0 degrees
Acq. time 1.638 sec
Width 20000.0 Hz
1024 repetitions
OBSERVE C13, 75.3963141 MHz
DECOUPLE H1, 299.8473785 MHz
Power 40 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
Ft size 65536
Total time 27 minutes



44

ald
STANDARD 1H OBSERVE
Solvent: CDCL3
Ambient temperature
Sample #6
File: 601
Queue name Feb04a
DATE Feb 4 00
INOVA-300 "athos"
PULSE SEQUENCE
Relax. delay 3.300 sec
Pulse 90.0 degrees
Acq. time 3.641 sec
Width 4499.9 Hz
16 repetitions
OBSERVE HL, 299.8458793 MHz
DATA PROCESSING
Line broadening 0.3 Hz
Ft size 65536
Total time 1 minutes

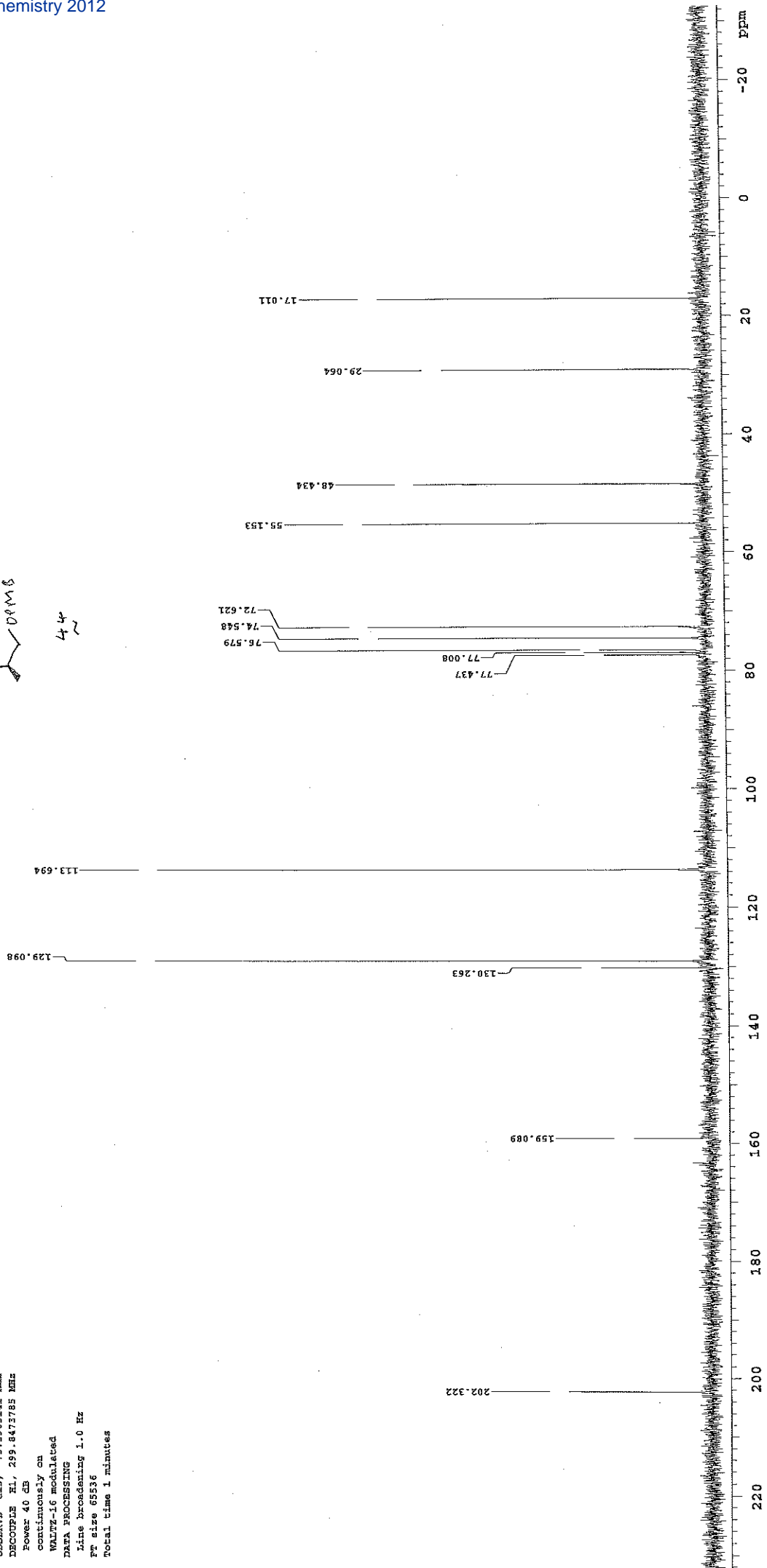
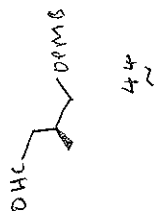


44

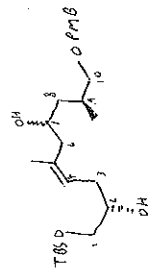
hem052
STANDARD 1H OBSERVE

Solvent: CDCl3
Ambient temperature
Sample #34
File: 3402
Queue name Sep10b
DATE Sep 10 98
INOVA-300 "athos"
PULSE SEQUENCE
Pulse 45.0 degrees
Acq. time 1.628 sec
Width 20000.0 Hz
64 repetitions
OBSERVE CH, 75.3963141 MHz
DECOUPLE RL, 299.8475785 MHz
Power 40 dB
continuously on

WALTZ-16 modulated
DATA PROCESSING
Xline broadening 1.0 Hz
Ft size 65536
Total time 1 minutes

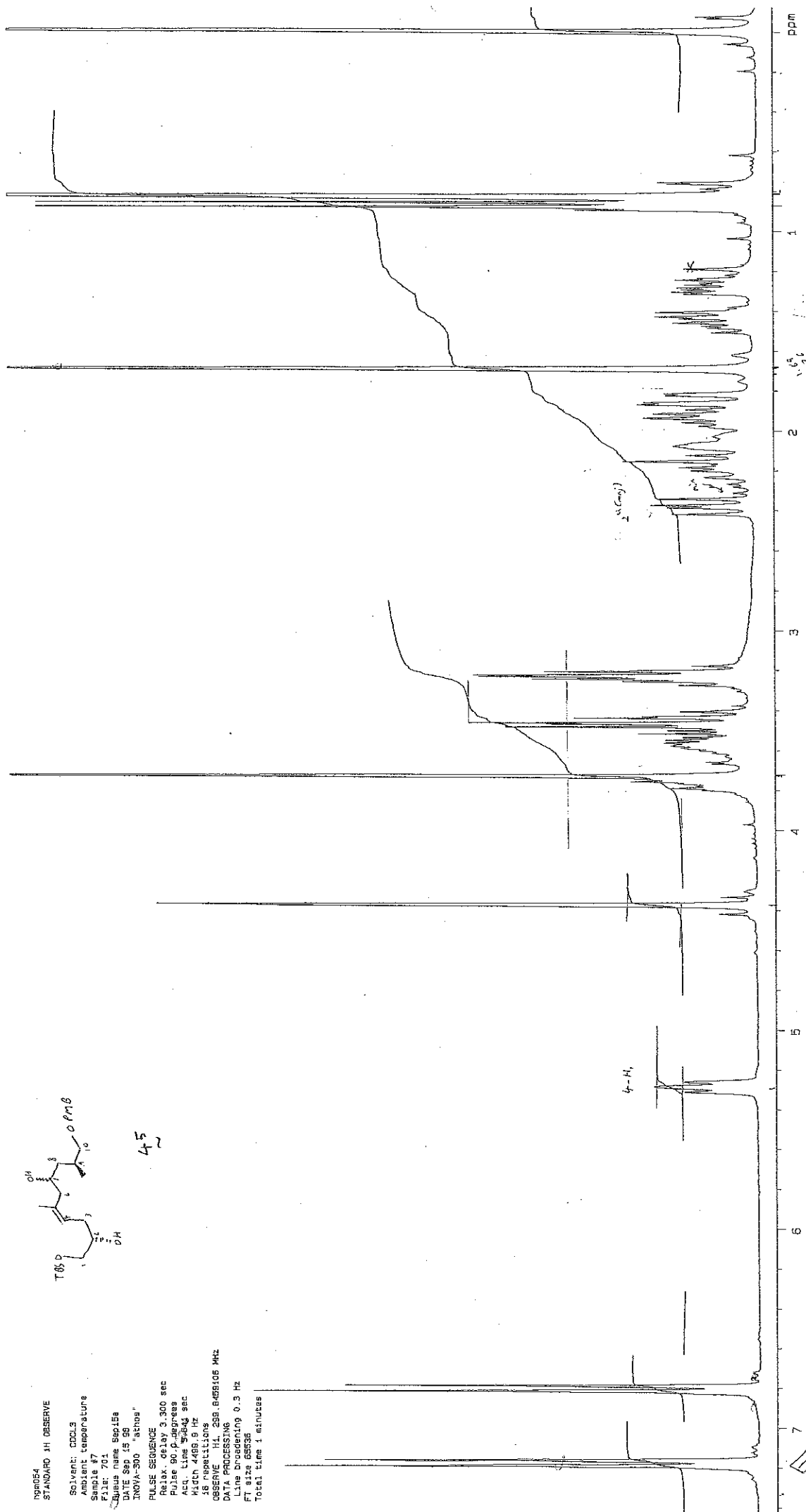


45



45

hnm054
 STANDARD 1H OBSERVE
 Solvent: CDCl3
 Acquire temperature
 Sample #7
 File: 701
 Queue name: hnm054
 DATE_89D_15_09
 INOVA-300 "achos"
 PULSE SEQUENCE
 Relax delay 3.300 sec
 Pulse program gpgpgp
 Acquire time 00:04:56
 Width 4489.9 Hz
 IS repetitions
 OBSERVE H1 299.6426106 MHz
 DATA PROCESSING
 Line broadening 0.3 Hz
 FT size 65536
 Total time 1 minutes



3.22
3.74

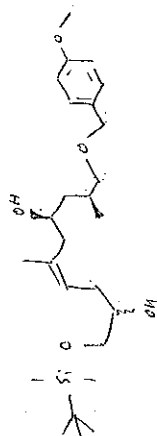
5.30

0.07
0.84

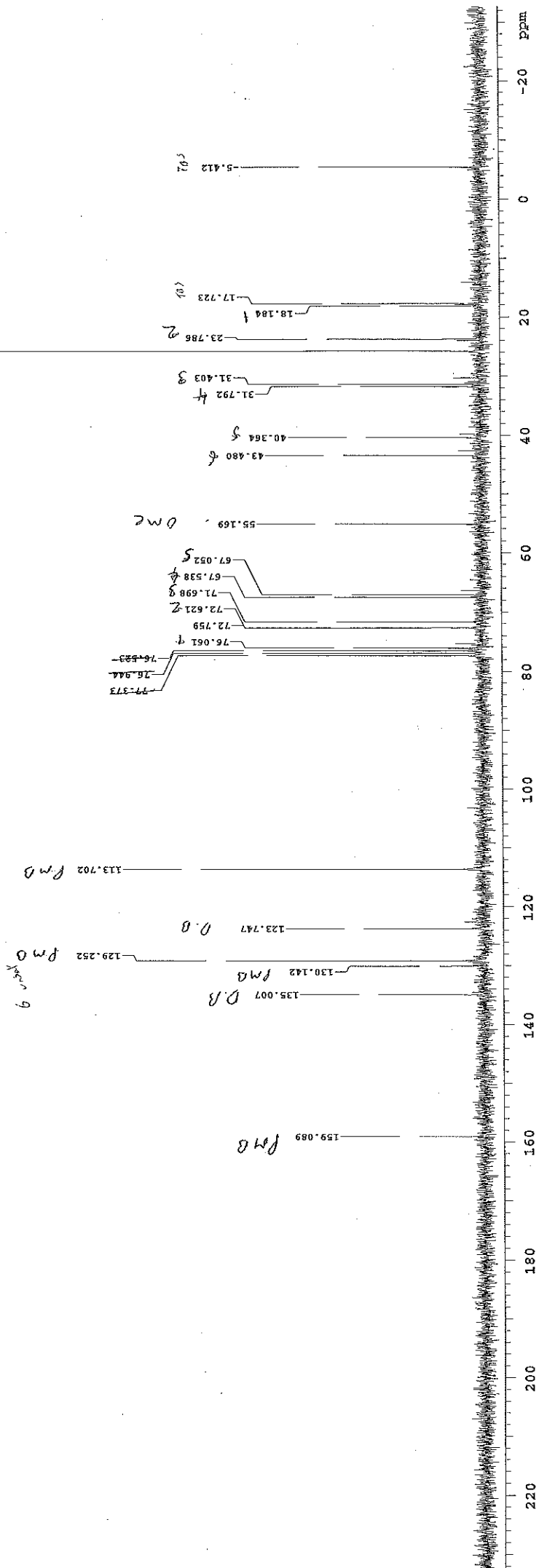
45

nm054
 STANDARD 1K OBSERVE

Solvent: CDCl3
 Ambient temperature
 Sample #34
 File: 1402
 Queue name Sep14a
 DATE Sep 14 98
 INOVA-300 "athos"
 PULSE SEQUENCE
 Pulse 45.0 degrees
 Acq. time 1.638 sec
 Width 20000.0 Hz
 304 repetitions
 OBSERVE C13, 75.3963141 MHz
 DECOUPLE H1, 299.8473785 MHz
 Power 40 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.0 Hz
 Fw size 65536
 Total time 8 minutes



45

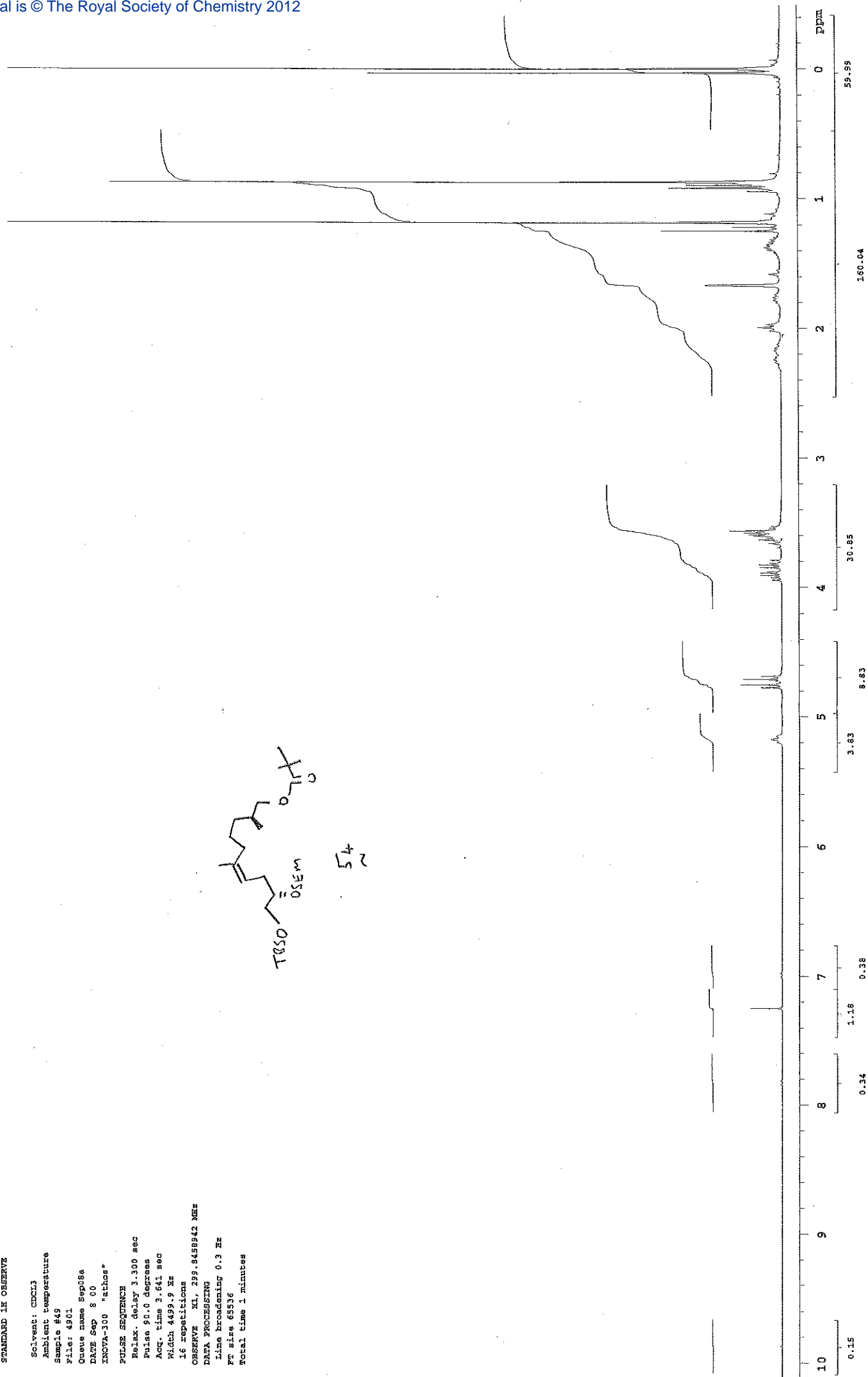
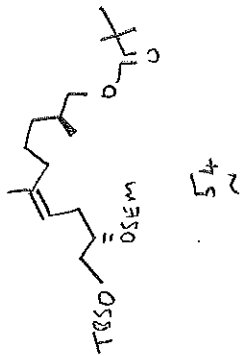


nmr 111
 STANDARD 1H OBSERVE

Solvent: CDCl3
 Ambient temperature
 Sample #49
 File: 4901
 Queue name Sep08a
 DATE Sep 8 00
 INOVA-300 "atmos"

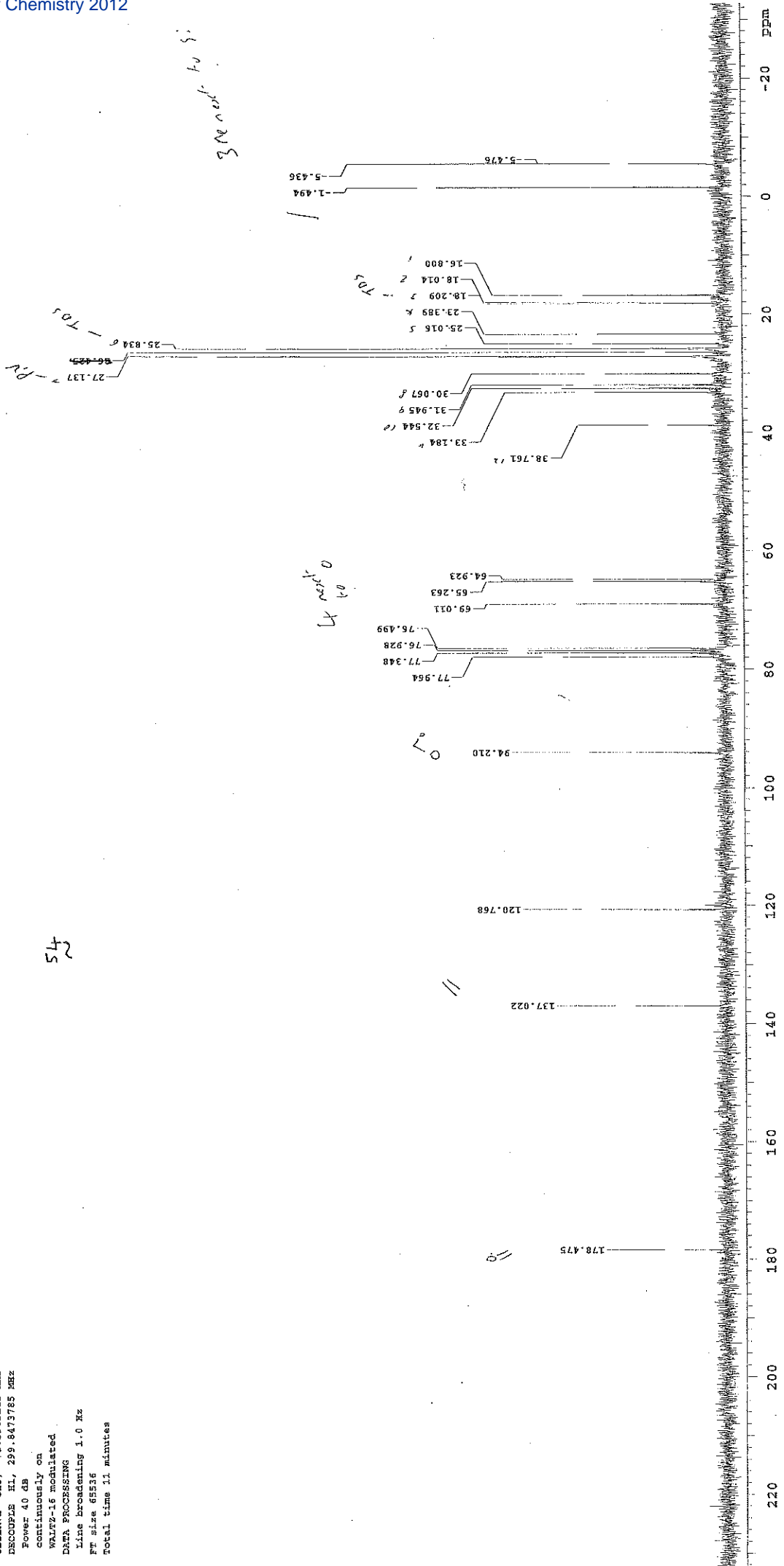
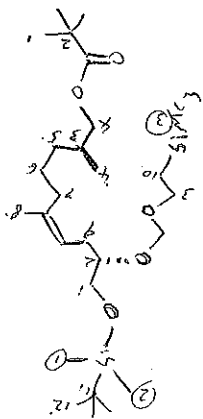
PULSE SEQUENCE
 Relax. delay 3.300 sec
 Pulse 90.0 degrees
 Acq. time 3.641 sec
 Width 4499.9 Hz
 16 repetitions

OBSERVE XL, 299.8458942 MHz
 Data broadening 0.3 Hz
 FT size 65536
 Total time 1 minutes



piv on deoxy
 13C OBSERVE

Solvent: CDCL3
 Ambient temperature
 Sample #4
 File: 401
 Queue name Aug26a
 DATE_08_26_00
 INOVA-300 "athos"
 PULSE SEQUENCE
 Pulse 45.0 degrees
 Acq. time 1.638 sec
 Width 20000.0 Hz
 432 repetitions
 OBSERVE C13, 75.3963141 MHz
 DECOUPLE H1, 299.8473785 MHz
 Power 40 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.0 Hz
 FT size 65536
 Total time 11 minutes



300 MHz
 100

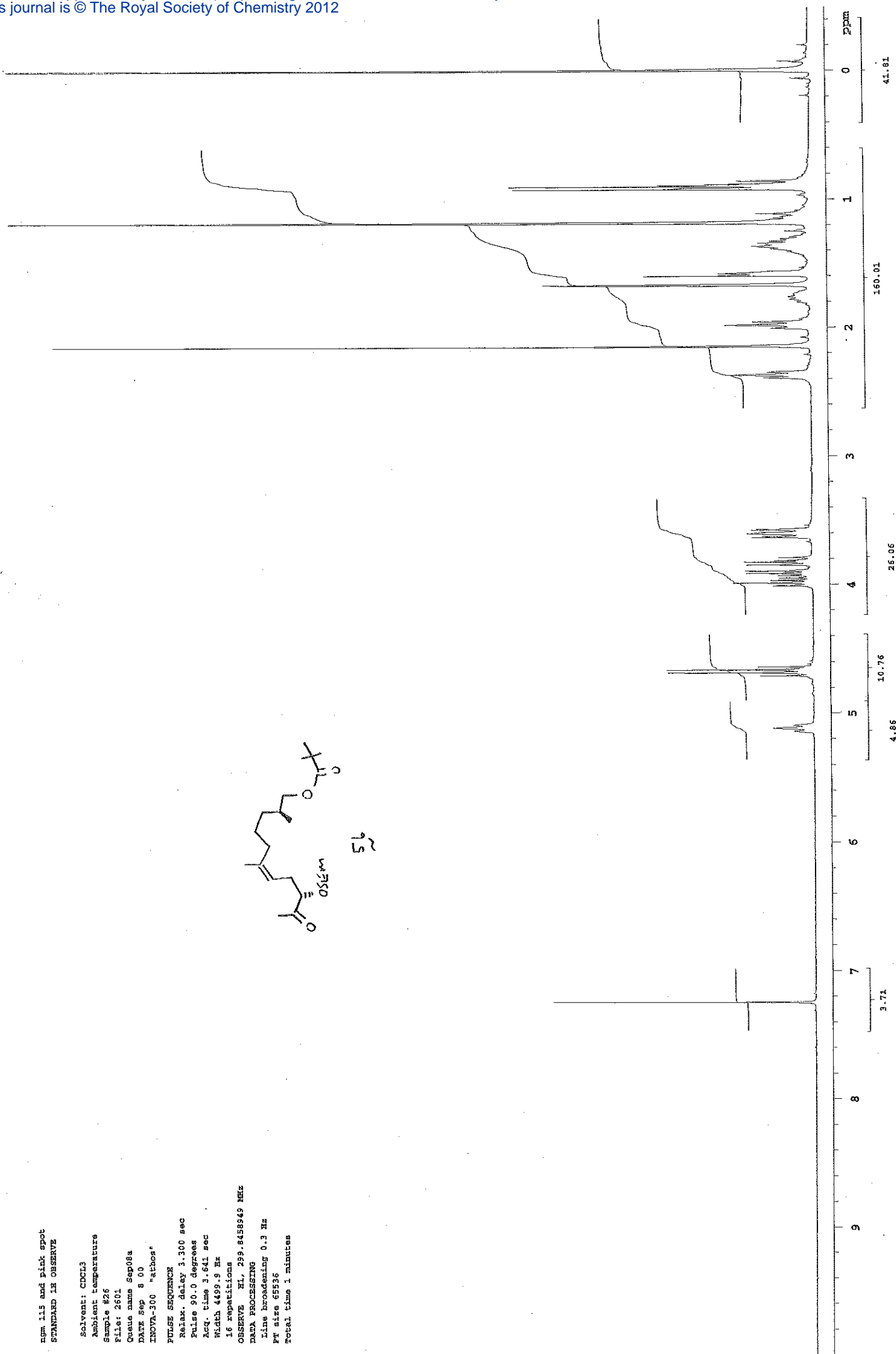
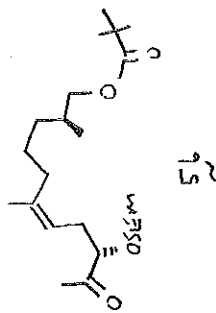
175
 170

180

nm 115 and pink spot
STANDARD IR OBSERVE

Solvent: CDCl3
Ambient temperature
Sample #26
File: 2601
Queue name Sep08a
DATE Sep 8 00
INOVA-300 "athos"

PULSE SEQUENCE
Relax. delay 3.300 sec
Pulse 90.0 degrees
Acq. time 3.641 sec
Width 499.9 Hz
16 repetitions
OBSERVE F1, 299.8458949 MHz
DATA PROCESSING
Line broadening 0.3 Hz
PT size 65536
Total time 1 minutes

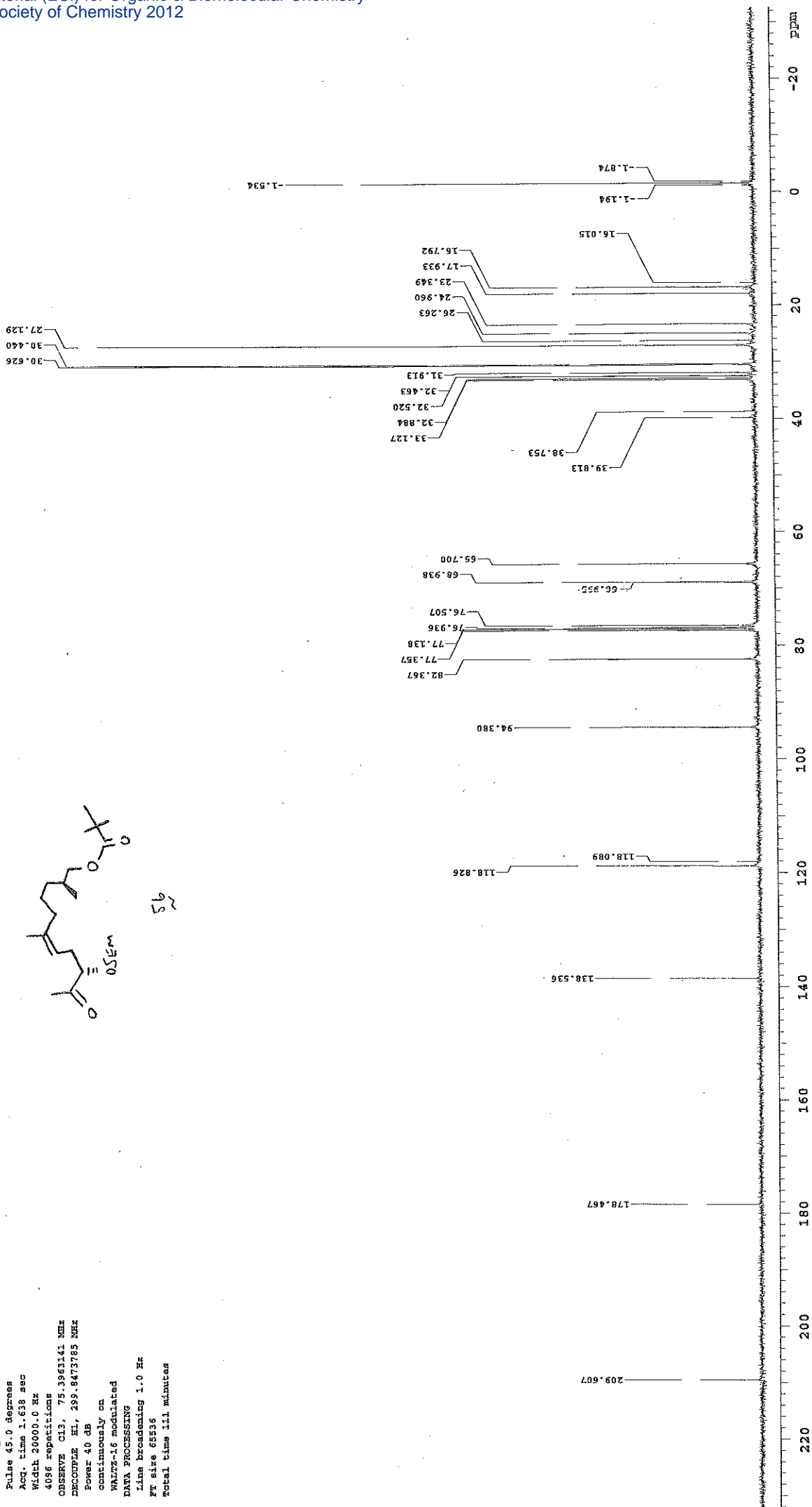
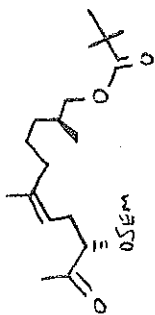


zgpg115
13C OBSERVE

Solvent: CDCl3
Ambient temperature
Sample #2
File: 201
Queue name Sep08a
DATE Sep 8 00
INOVA-300 "athos"

PULSE SEQUENCE

Pulse 45.0 degrees
Acq. time 1.638 sec
Width 20000.0 Hz
4096 repetitions
OBSERVE CH3, 75.3963141 MHz
DECUPLE H1, 289.8473785 MHz
Power 40 dB
continually on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
Ft size 65536
Total time 111 minutes

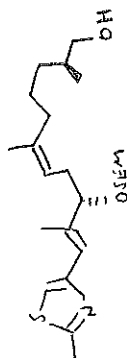


thiaz oh
STANDARD 1K OBSERVE

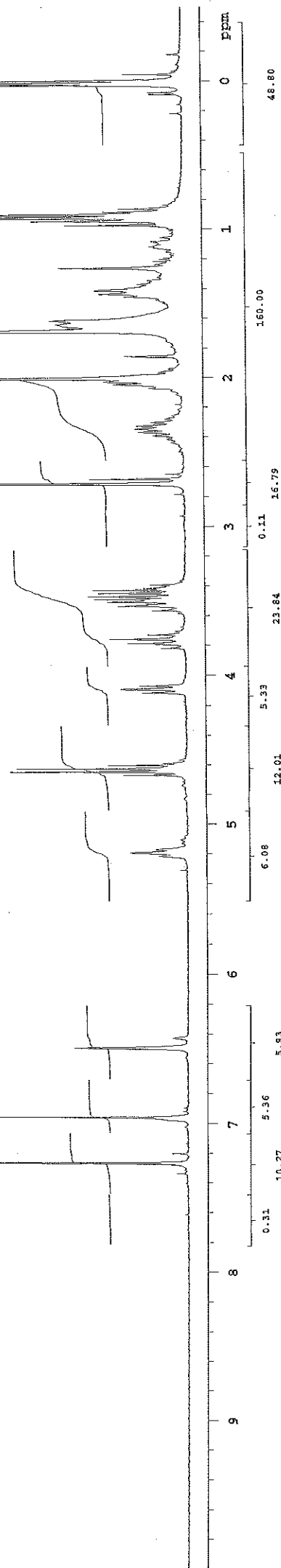
Solvent: CDCl3
Ambient temperature
Sample #9
File: 901
Chemu nama Nov07a
DATE Nov 7 00
INOVA-300 "athos"

PULSE SEQUENCE
Relax. delay 3.300 sec
Pulse 90.0 degrees
Acq. time 3.641 sec
Width 4499.9 Hz
16 repetitions

OBSERVE F1, 299.8458883 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 65536
Total time 1 minutes



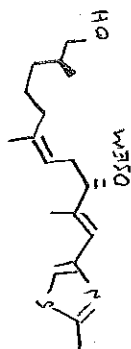
58



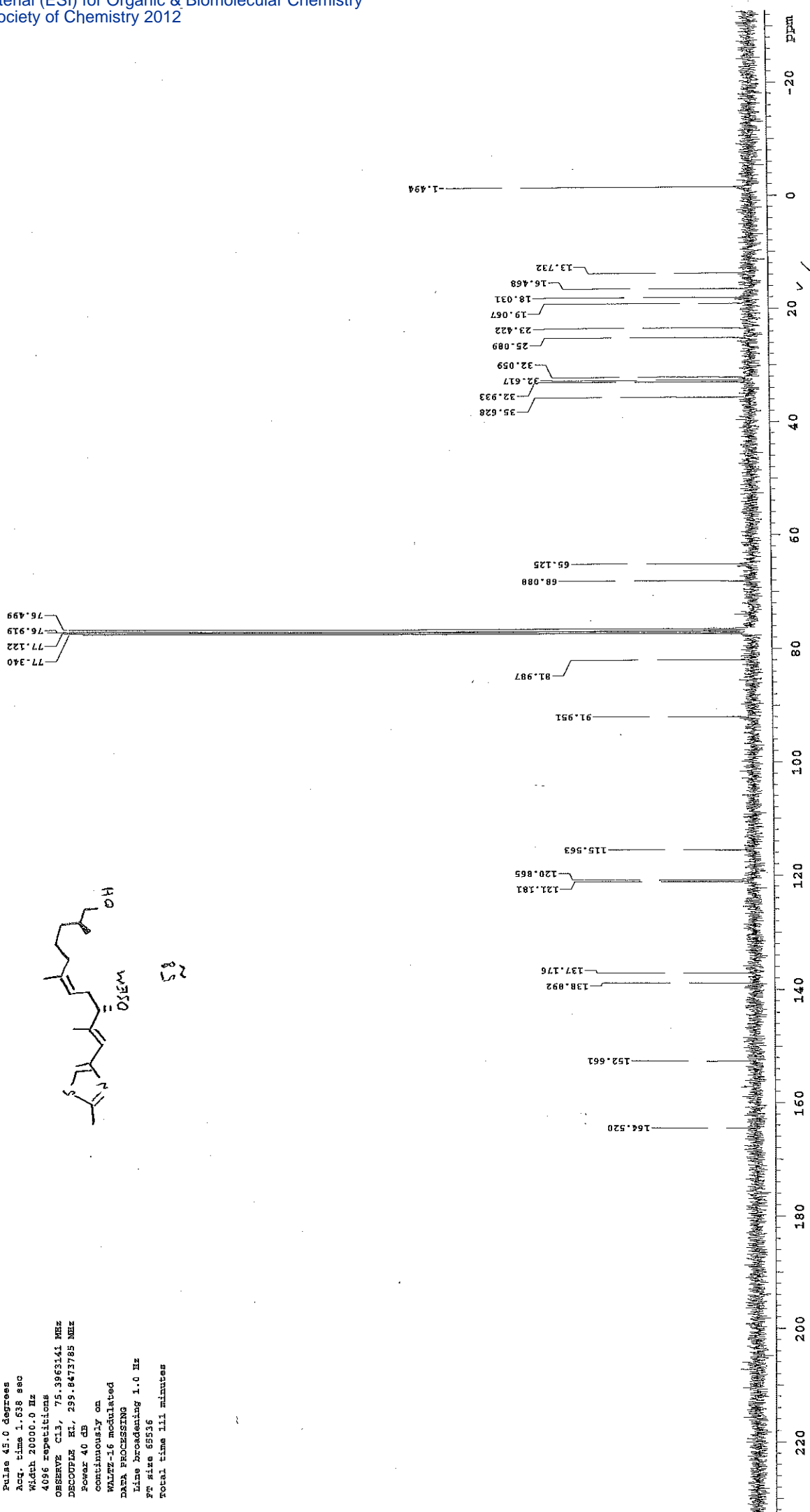
mat martin piy oh
13C OBSERVE

Solvent: CDCl3
Ambient temperature
Sample #15
File: 1601
Queue name Sep17a
Date Sep 17 00
INOVA-300 *athos*

PULSE SEQUENCE
Pulse 45.0 degrees
Acq. time 1.638 sec
Width 20000.0 Hz
4096 repetitions
OBSERVE CH3, 75.3963141 MHz
DECOUPLE H1, 299.8473785 MHz
continuously on
Power 40 dB
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 65536
Total time 111 minutes



25



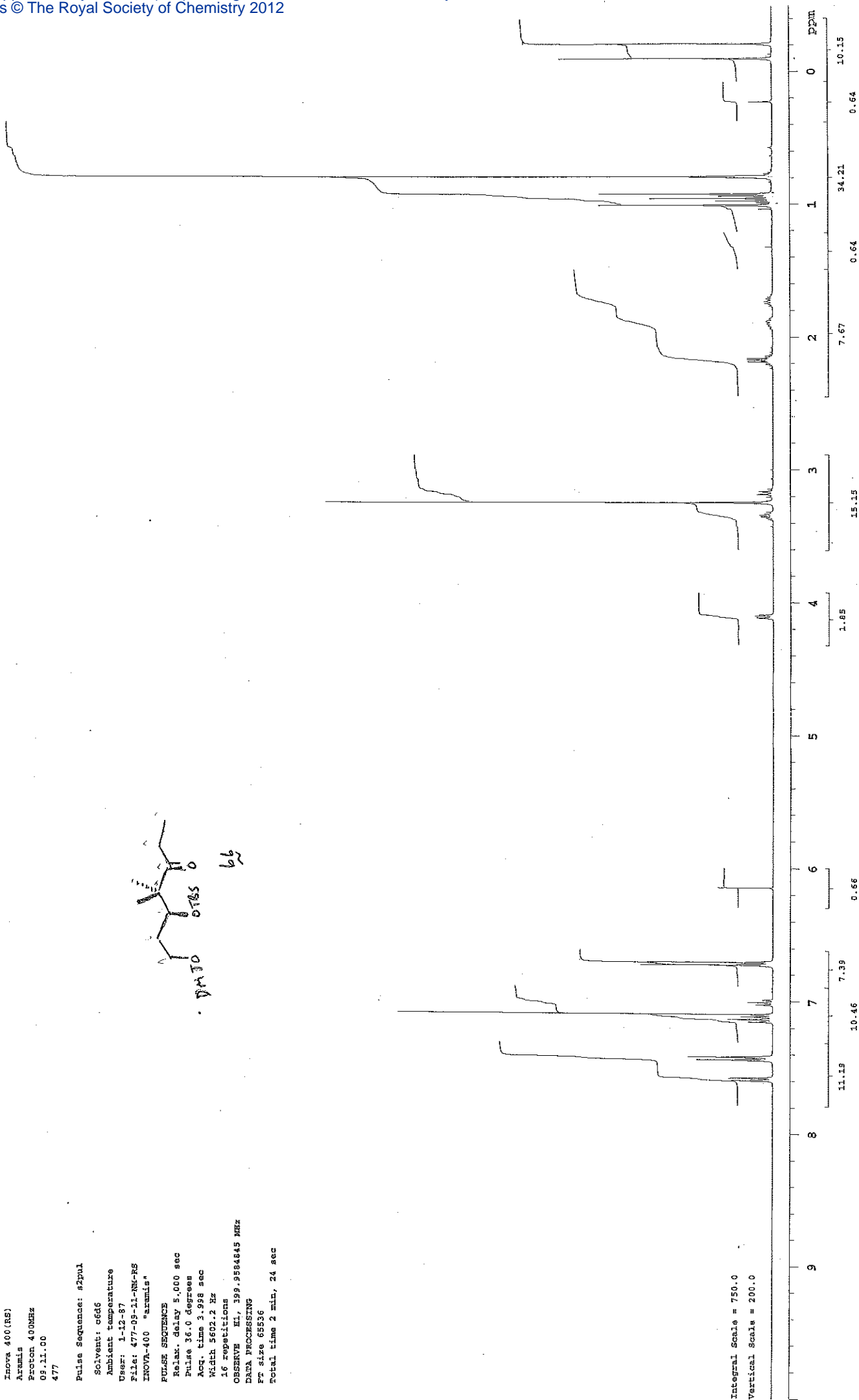
N Martin
DMT KETONE
c6d6
Inova 400 (RS)
Aramis
Proton 400MHz
09.11.00
477

Pulse Sequence: s2pul

Solvent: c6d6
Ambient temperature
User: 1-12-87
File: 477-09-11-NK-RS
INOVA-400 "aramis"

PULSE SEQUENCE
Relax. delay 5.000 sec
Pulse 36.0 degrees
Acq. time 3.998 sec
Width 5602.2 Hz

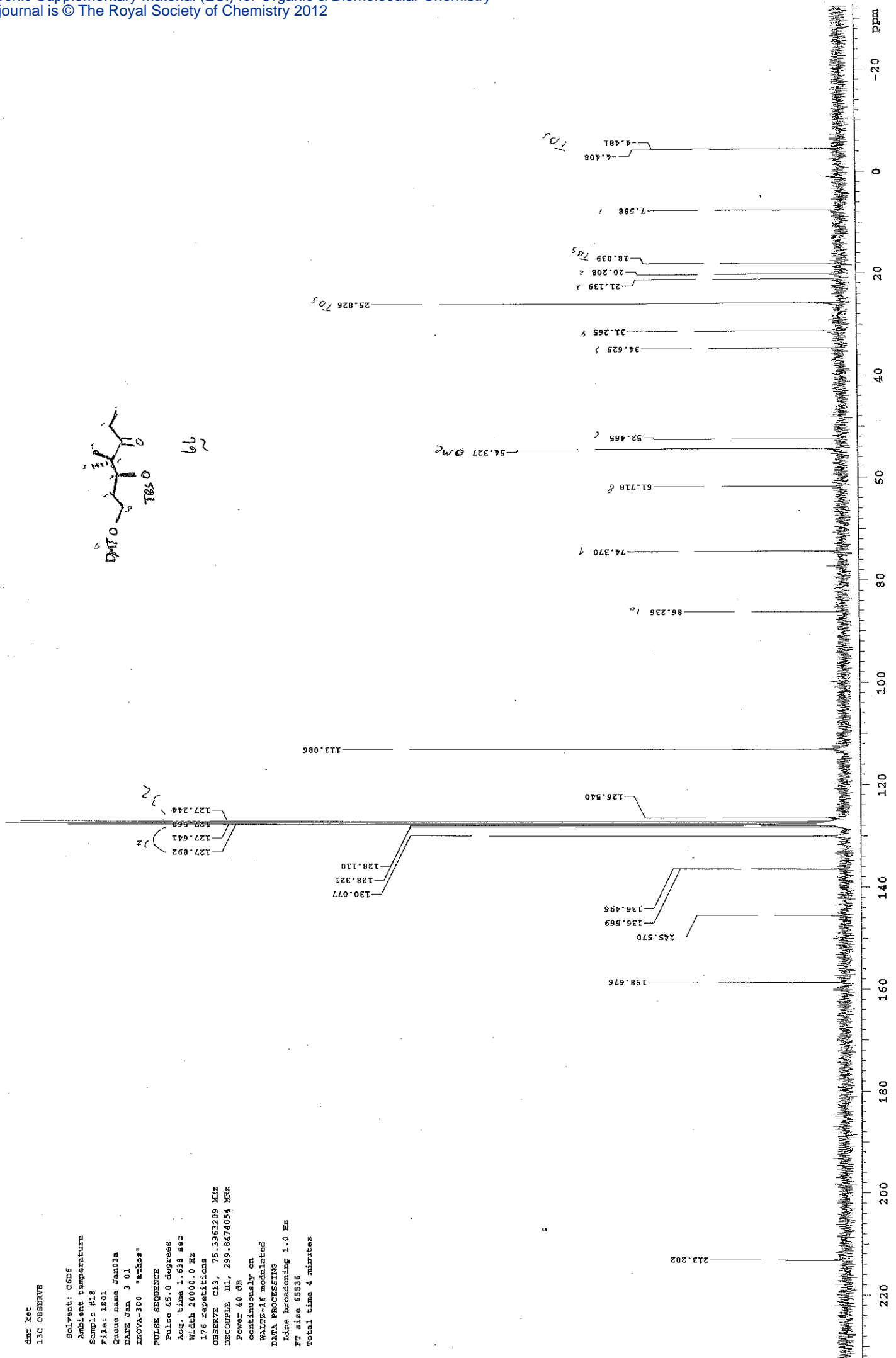
16 repetitions
OBSERVE H1, 199.9584843 MHz
DATA PROCESSING
FT size 65536
Total time 2 min, 24 sec



dmt ket
 13C OBSERVE
 Solvent: CDCl₃
 Ambient temperature
 Sample #18
 File: 1801
 Coeus name Jan03a
 DATE Jan 3 01
 INOVA-300 "athos"
 PULSE SEQUENCE
 Pulse 45.0 degrees
 Acq. time 1.638 sec
 Width 20000.0 Hz
 176 repetitions
 OBSERVE C13, 75.3963209 MHz
 DECOUPLE H1, 299.8474054 MHz
 Power 40 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.0 Hz
 FT size 65536
 Total time 4 minutes



66

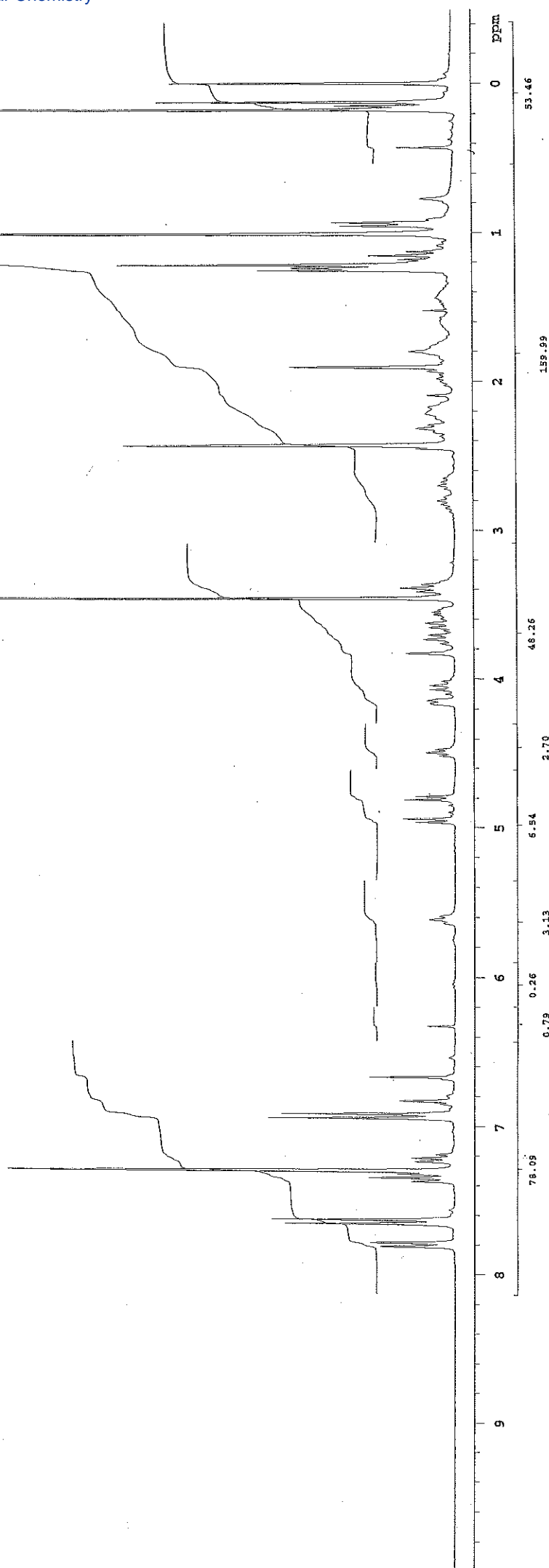
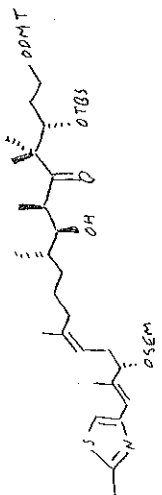


alsol c6d6
STANDARD 1H OBSERVE

Solvent: C6D6
Ambient temperature
Sample #1
File: 101
Queue name Oct04a
DATE Oct 4 00
INNOVA-300 "athos"

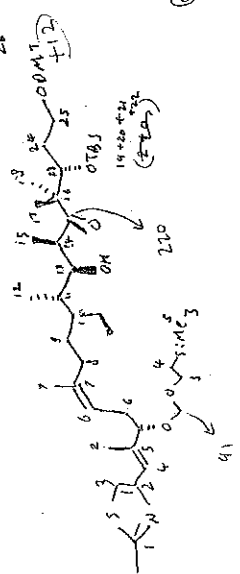
PULSE SEQUENCE
Relax. delay 3.300 sec
Pulse 90.0 degrees
Acq. time 3.641 sec
Width 4499.9 Hz
16 repetitions

OBSERVE HL, 299.8458622 MHz
DATA PROCESSING
Line Broadening 0.3 Hz
Ft size 65536
Total time 1 minutes

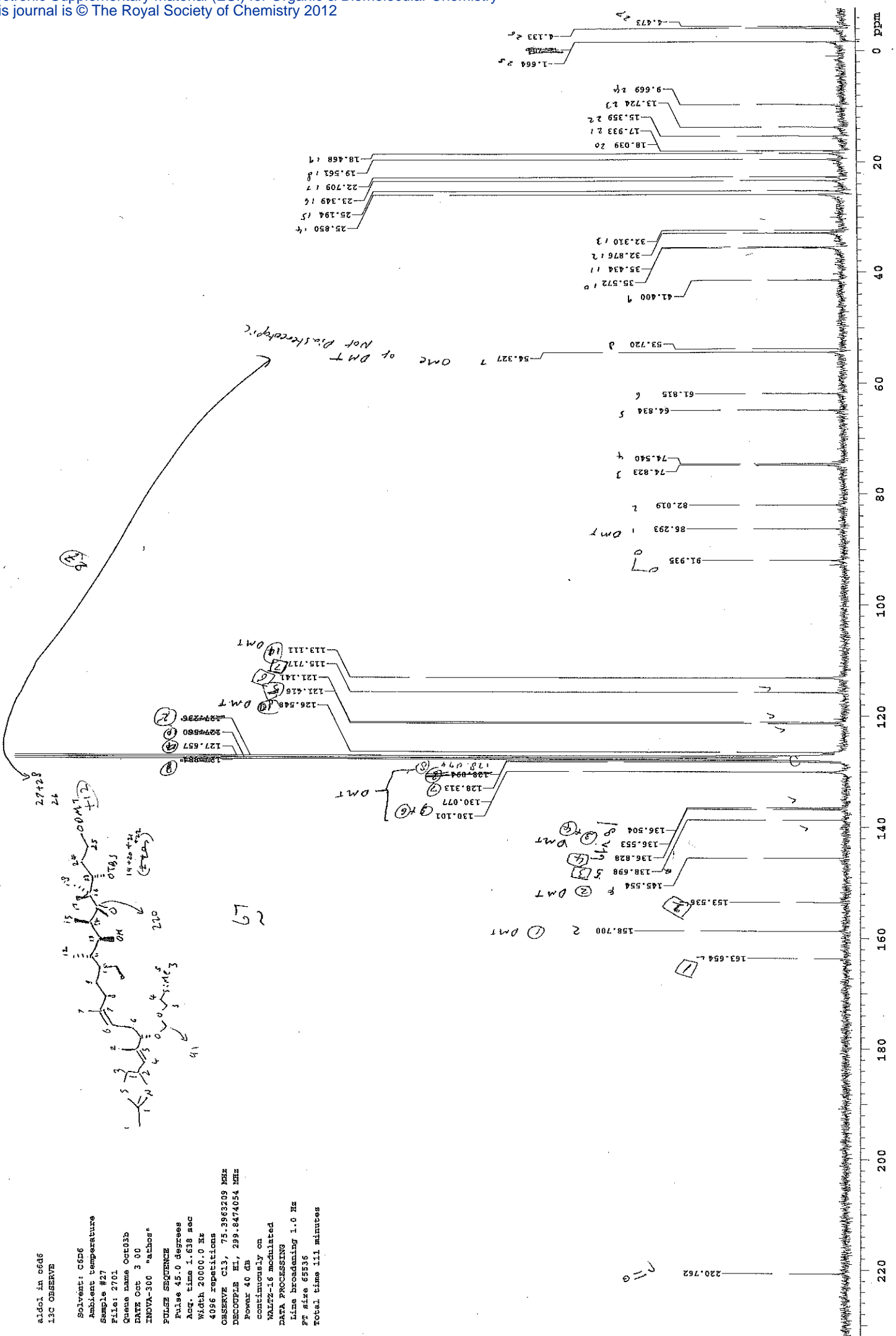


aldol in c6d6
 13C OBSERVE

Solvent: C6D6
 Ambient temperature
 Sample #27
 File: 2701
 Queue name Oct03b
 DATE Oct 3 00
 INOVA-300 "achos"
 PULSE SEQUENCE
 Pulse 45.0 degrees
 Acq. time 1.638 sec
 Width 20000.0 Hz
 4096 repetitions
 OBSERVE C13, 75.3963205 MHz
 DECOUPLE H1, 299.8474054 MHz
 Power 40 dB
 continuously on
 MALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.0 Hz
 FT size 65536
 Total time 111 minutes



27



N Martin
Seco Acid
cdcl3
Inova 400 (RS)
Aramis
Proton 400MHz
28.11.00
567

Pulse Sequence: s2pul

Solvent: cdcl3

Ambient temperature

User: 1-12-87

File: 567-28-11-NM-RS

INOVA-400 "aramis"

PULSE SEQUENCE

Relax. delay 5.000 sec

Pulse 36.0 degrees

Acq. time 4.008 sec

Width 6387.7 Hz

16 repetitions

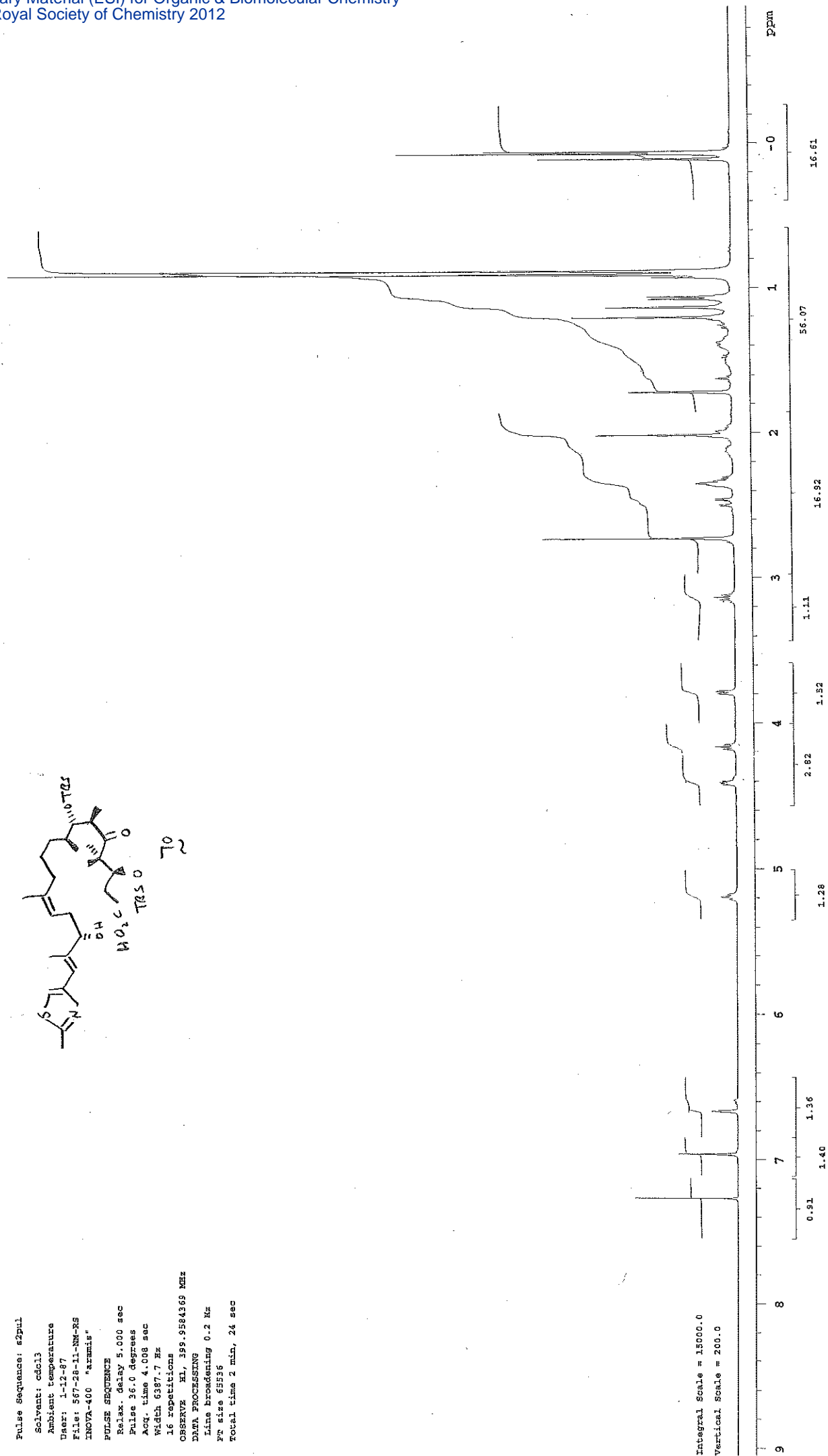
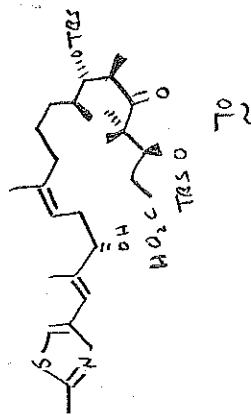
OBSERVE HL 399.9584369 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 2 min, 24 sec



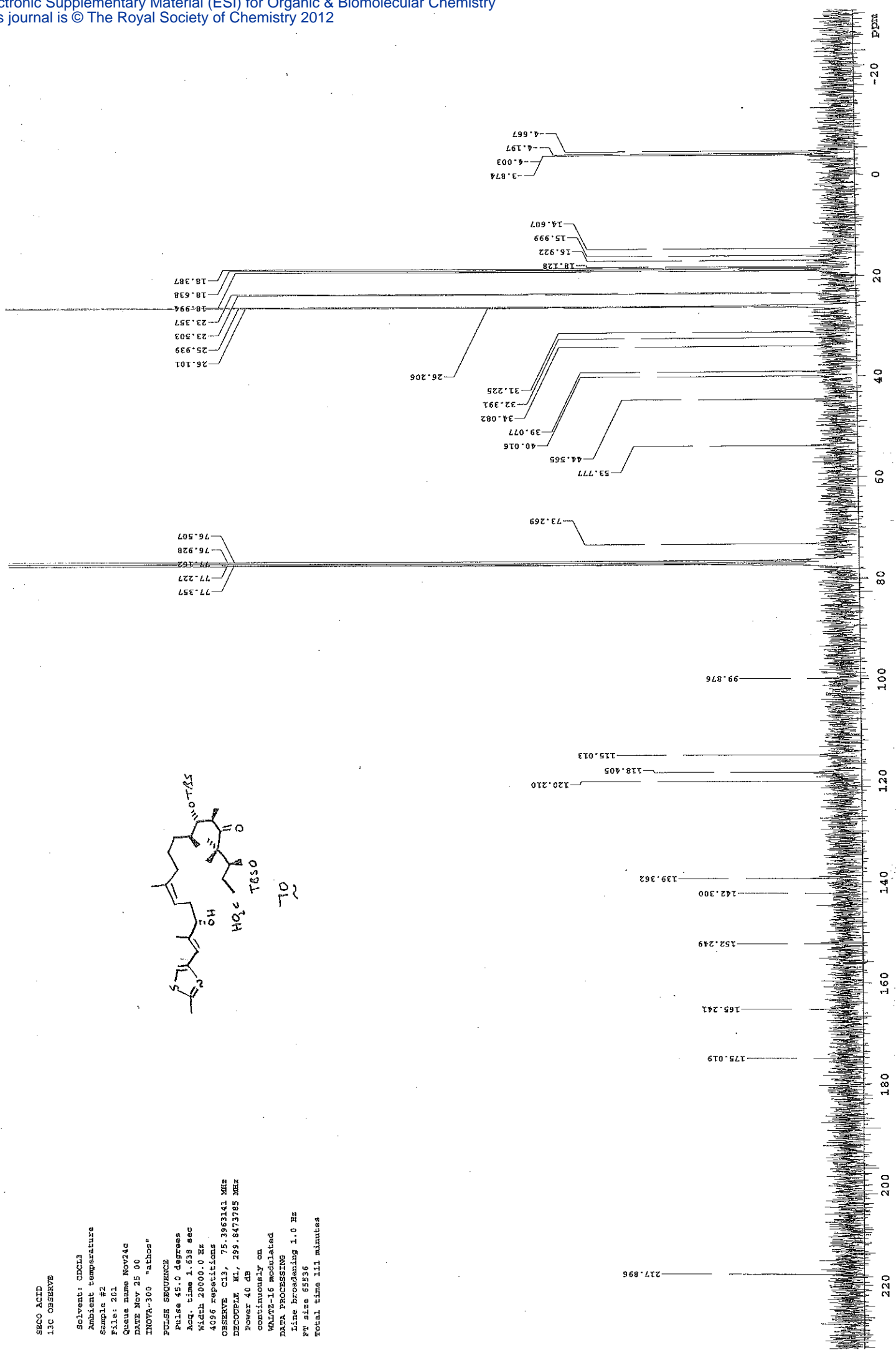
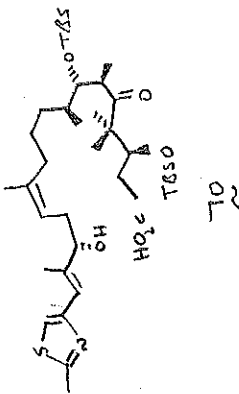
Integral Scale = 15000.0

Vertical Scale = 200.0

SBCO ACID
 13C OBSERVE

Solvent: CDCl₃
 Ambient temperature
 Sample #2
 File: 201
 Queue name Nov24c
 DATE Nov 25 00
 INOVA-300 "athos"

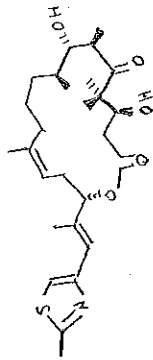
PULSE SEQUENCE
 Pulse 45.0 degrees
 Acq. time 1.438 sec
 Width 20000.0 Hz
 4096 repetitions
 OBSERVE C13, 75.3963141 MHz
 DECODE F1, 299.8473785 MHz
 Power 40 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.0 Hz
 F1 size 65536
 Total time 111 minutes



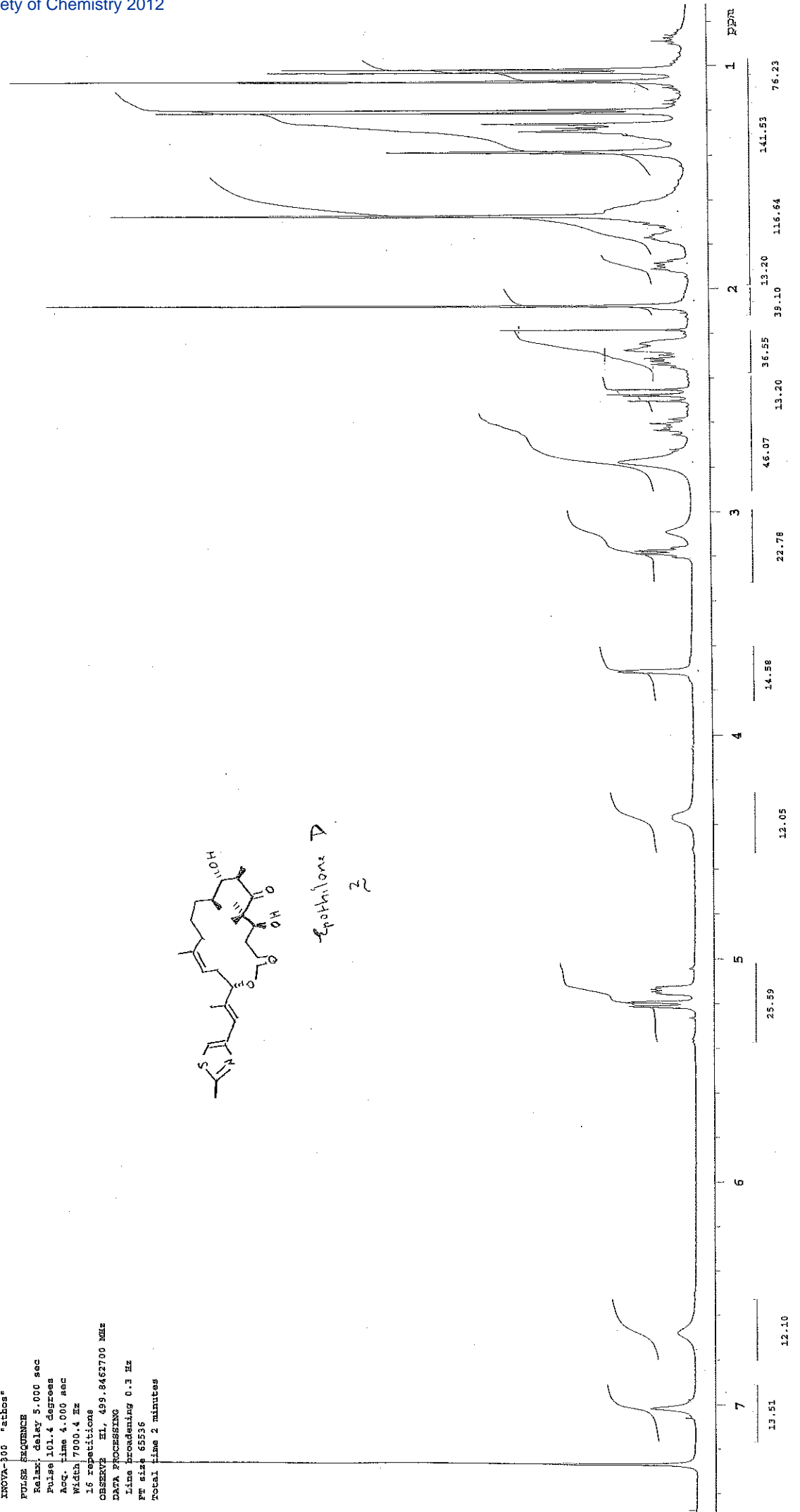
N Martin
Epo D
cdcl3
Unity 500 (PJK)
Standard H-1 parameters
5 mm PFG triple probe
15-01-11
735

Solvent: cdcl3
Ambient temperature
User: 1-15-87
File: 735
DATE Jan 15 01
INOVA-100 "atbos"

PULSE SEQUENCE
Relax: delay 5.000 sec
Pulse 101.4 degrees
Acq. time 4.000 sec
Width 7000.4 Hz
16 repetitions
OBSERVE H1, 499.8462700 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 65536
Total time 2 minutes

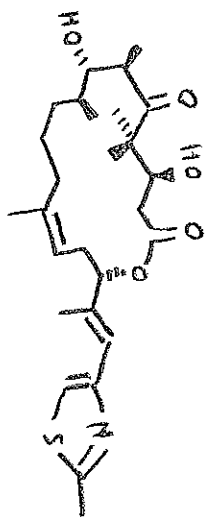


Epothilone D
3



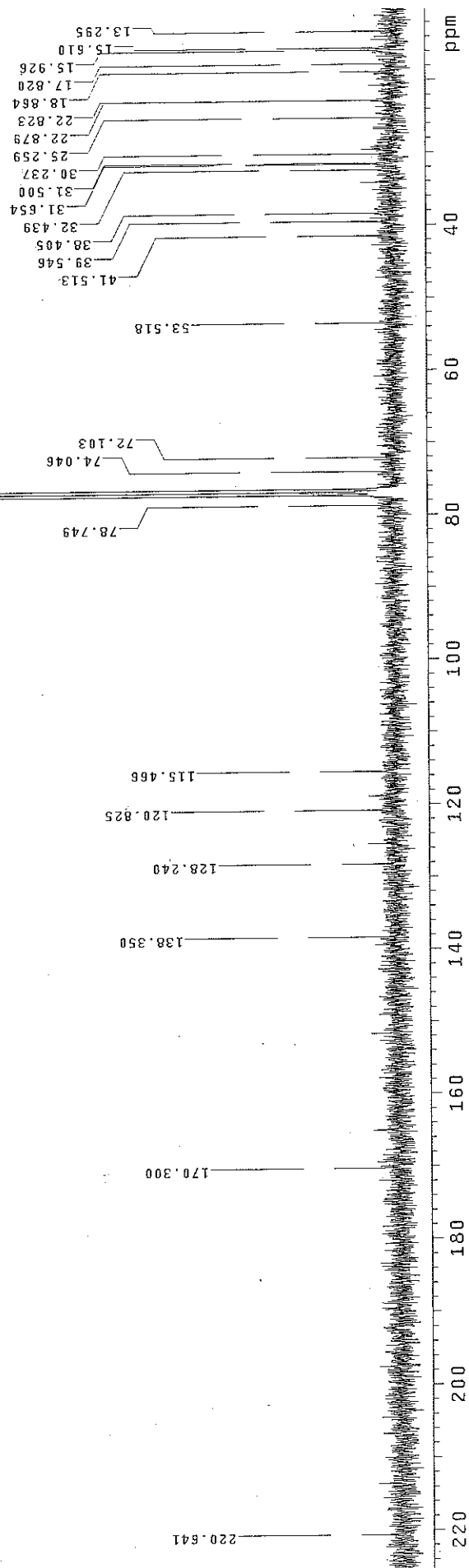
Epothilone D
13C OBSERVE

Solvent: CDCl3
Ambient temperature
Sample #41
File: 4101
Queue name Dec07b
DATE Dec 8 00
INNOVA-300 "athos"
PULSE SEQUENCE
Pulse 45.0 degrees
Acq. time 1.558 sec
Width 20000.0 Hz
4096 repetitions
OBSERVE C13, 75.3963141 MHz
DECOUPLE H1, 299.8473785 MHz
Power 40 dB,
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 65536
Total time 111 minutes



Epothilone D

2



N Martin
Epo B
cdcl3
Unity 500(PUK)
Standard F-1 parameters
5 mm PFG Triple probe
15-01-01
788
Solvent: cdcl3
Ambient Temperature
User: 1-15-87
File: 788
DATE Jan 15 01
INOVA-300 "athos"
PULSE SEQUENCE
Relax. delay 5.000 sec
Pulse 101.4 degrees
Acq. time 4.000 sec
Width 7000.4 Hz
16 repetitions
OBSERVE EL, 499.8462700 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 65936
total time 2 minutes

