

**Terminal Olefins to Linear  $\alpha,\beta$ -Unsaturated Ketones:  
Pd(II)/Hypervalent Iodine Co-Catalyzed Wacker-Dehydrogenation**

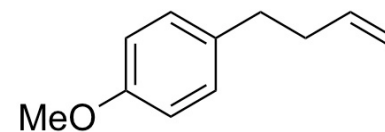
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*Roger Adams Laboratory, Department of Chemistry, University of Illinois, Urbana, Illinois 61801*

**Supporting Information: Spectral Data**

expl s2pul

SAMPLE		DEC. & VT	
date	Feb 12 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	exp	dpwr	18
ACQUISITION		dof	
sfrq	500.070	dm	nnn
tn	H1	dmm	c
at	4.096	dmf	200
np	65536	dseq	
sw	8000.0	dres	1.0
fb	4000	homo	n
bs	16	DEC2	
tpwr	58	dfrq2	0
pw	6.5	dn2	
d1	15.000	dpwr2	1
tof	0	dof2	0
nt	4	dm2	n
ct	4	dmm2	c
alock	n	dmf2	200
gain	not used	dseq2	
FLAGS		dres2	
il	n	homo2	n
in	n	PROCESSING	
dp	y	lb	0.30
hs	nn	wtfile	
DISPLAY		proc	
sp	-1007.0	fn	not used
wp	6992.4	math	f
vs	38		
sc	0	werr	
wc	250	wexp	
hzmm	27.97	wbs	
is	33.57	wnt	
rfl	5141.1		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		

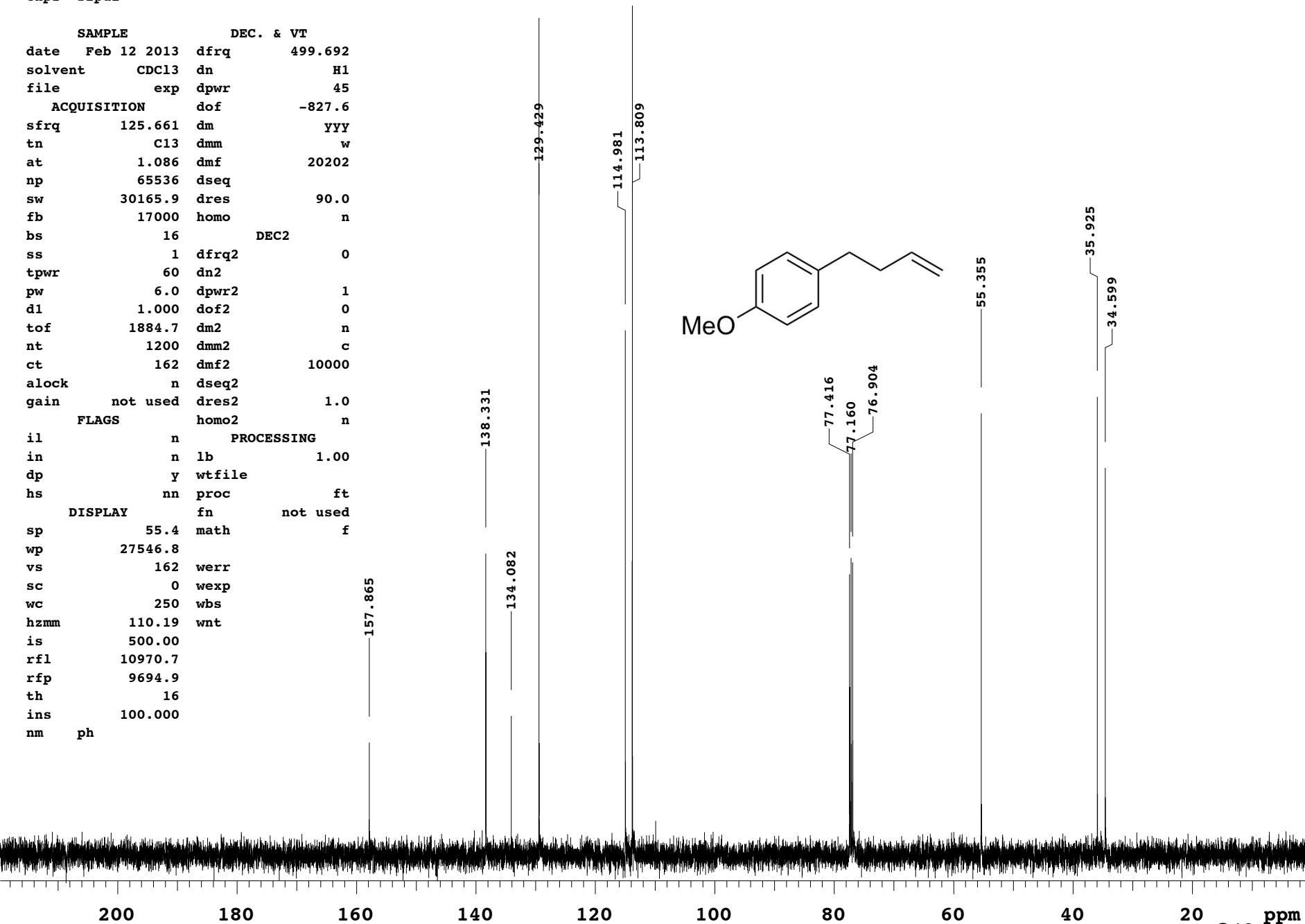
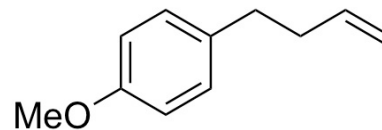


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S18

expl s2pul

SAMPLE		DEC. & VT	
date	Feb 12 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	exp	dpwr	45
ACQUISITION		dof	
sfrq	125.661	dm	YYY
tn	C13	dmm	w
at	1.086	dmf	20202
np	65536	dseq	
sw	30165.9	dres	90.0
fb	17000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	60	dn2	
pw	6.0	dpwr2	1
d1	1.000	dof2	0
tof	1884.7	dm2	n
nt	1200	dmm2	c
ct	162	dmf2	10000
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	55.4	math	f
wp	27546.8		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.19	wnt	
is	500.00		
rfl	10970.7		
rfp	9694.9		
th	16		
ins	100.000		
nm	ph		

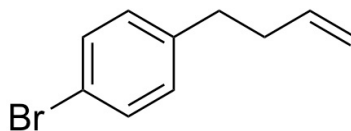


expl std1h

SAMPLE		DEC. & VT	
date	Nov 2 2011	dn	H1
solvent	CDC13	dof	0
file	/export/home/~	dm	nnn
data/ui400/White/b-	dmm	c	
igi/MAB.1355A.colu-	dmf	200	
mned.fid	dpwr	20	

ACQUISITION		PROCESSING	
sfrq	399.741	lb	0.30
tn	H1	wtfile	
at	4.096	proc	ft
np	65536	fn	not used
sw	8000.0	math	f
fb	4000		
bs	16	werr	
tpwr	61	wexp	
pw	5.8	wbs	
d1	0	wnt	

		DISPLAY	
nt	16	sp	-812.7
ct	16	wp	5600.8
alock	n	vs	79
gain	not used	sc	0
FLAGS		wc	250
il	n	hzmm	22.40
in	n	is	500.00
dp	y	rfl	5322.0
hs	nn	rfp	2902.1
		th	20
		ins	100.000
		nm	ph

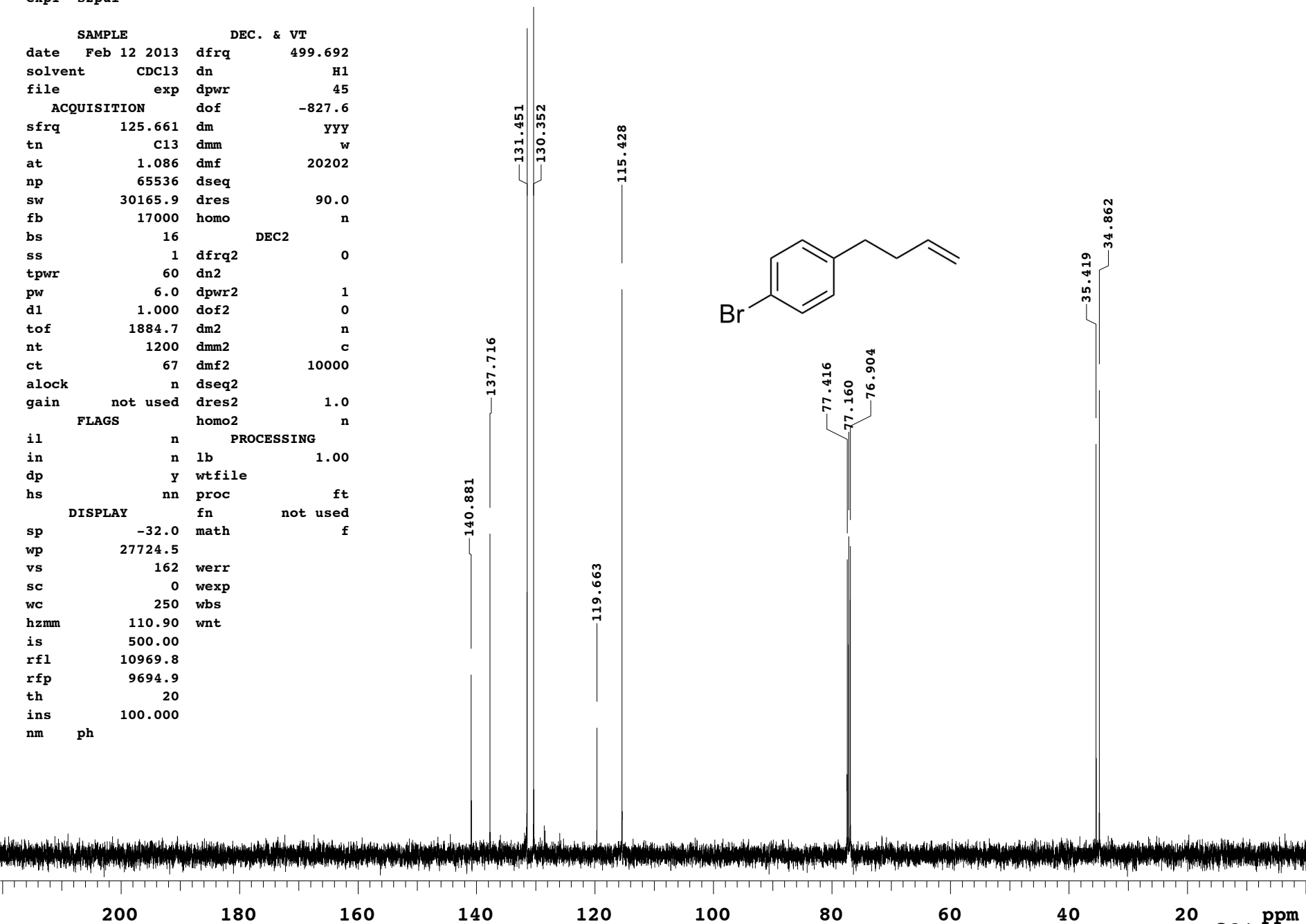
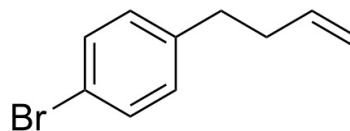


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S20

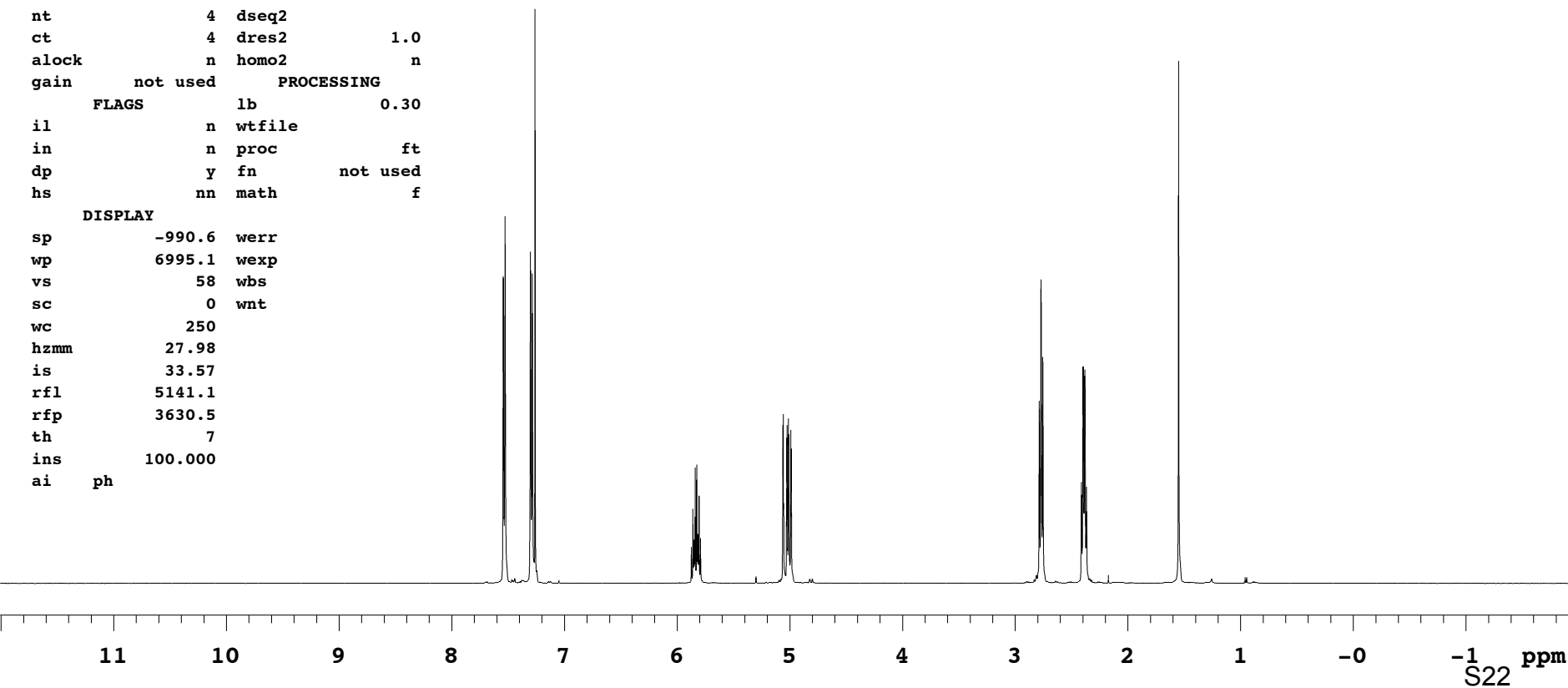
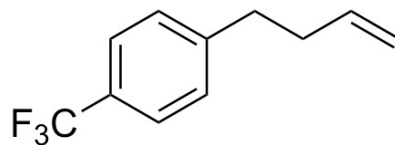
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 12 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	exp	dpwr	45
ACQUISITION		dof	
sfrq	125.661	dm	YYY
tn	C13	dmm	w
at	1.086	dmf	20202
np	65536	dseq	
sw	30165.9	dres	90.0
fb	17000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	60	dn2	
pw	6.0	dpwr2	1
d1	1.000	dof2	0
tof	1884.7	dm2	n
nt	1200	dmm2	c
ct	67	dmf2	10000
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	-32.0	math	f
wp	27724.5		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.90	wnt	
is	500.00		
rfl	10969.8		
rfp	9694.9		
th	20		
ins	100.000		
nm	ph		



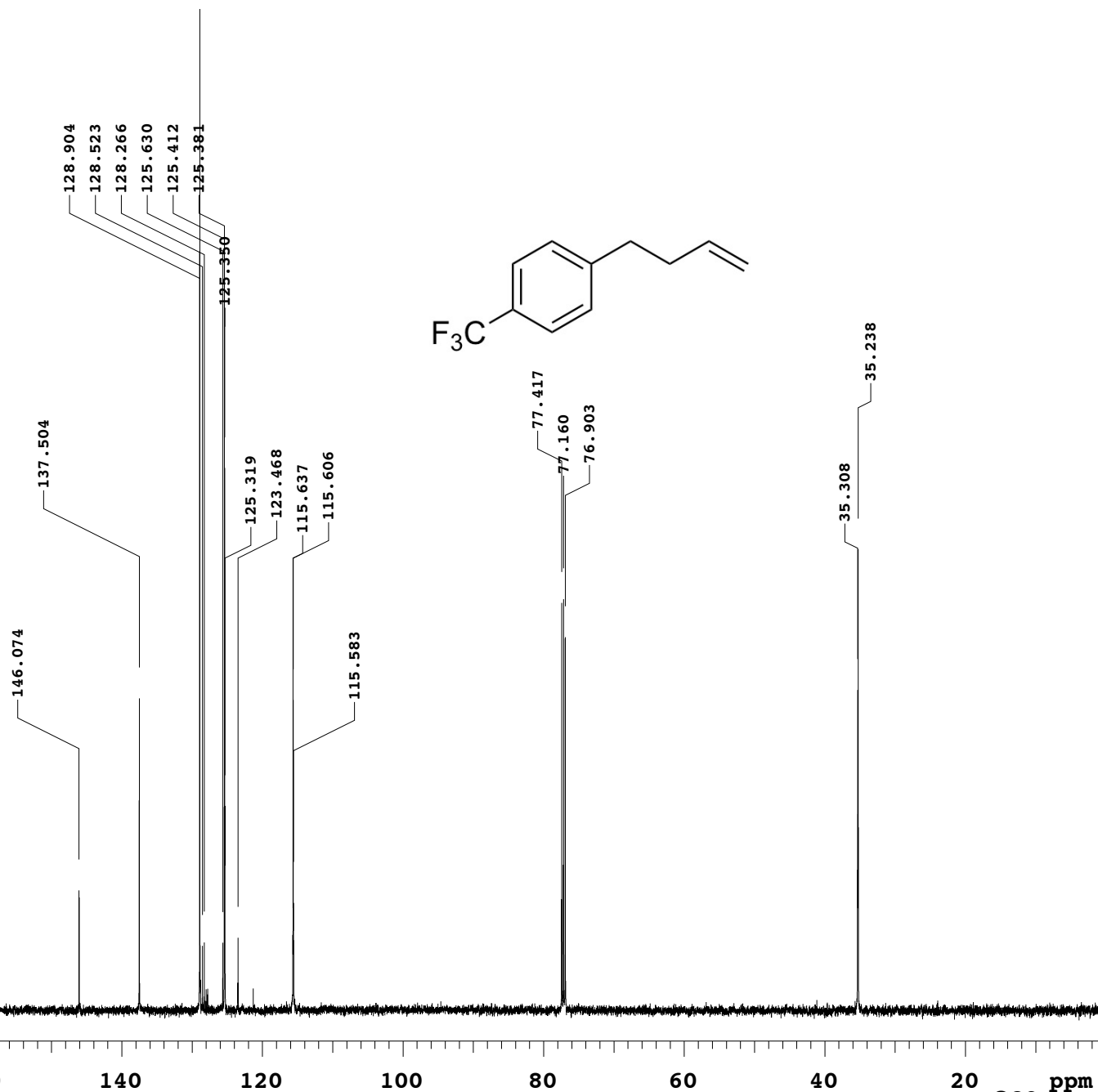
expl s2pul

SAMPLE		DEC. & VT	
date	Aug 3 2012	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1575A.co~		dm	nnn
lunned.fid		dmm	c
ACQUISITION			
sfrq	500.070	dseq	
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	10.000	dmm2	c
tof	0	dmf2	200
nt	4	dseq2	
ct	4	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	
FLAGS		lb	0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f
DISPLAY			
sp	-990.6	werr	
wp	6995.1	wexp	
vs	58	wbs	
sc	0	wnt	
wc	250		
hzmm	27.98		
is	33.57		
rfl	5141.1		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		



expl s2pul

SAMPLE		DEC. & VT	
date	Feb 12 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	exp	dpwr	47
ACQUISITION		dof	
sfrq	125.596	dm	YYY
tn	C13	dmm	w
at	1.024	dmf	15873
np	65536	dseq	
sw	32000.0	dres	1.0
fb	18000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	63	dn2	
pw	4.5	dpwr2	1
d1	1.000	dof2	0
tof	1880.0	dm2	n
nt	12000	dmm2	c
ct	371	dmf2	18519
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	53.2	math	f
wp	27587.9		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.35	wnt	
is	500.00		
rfl	11888.7		
rfp	9689.9		
th	7		
ins	100.000		
nm	ph		



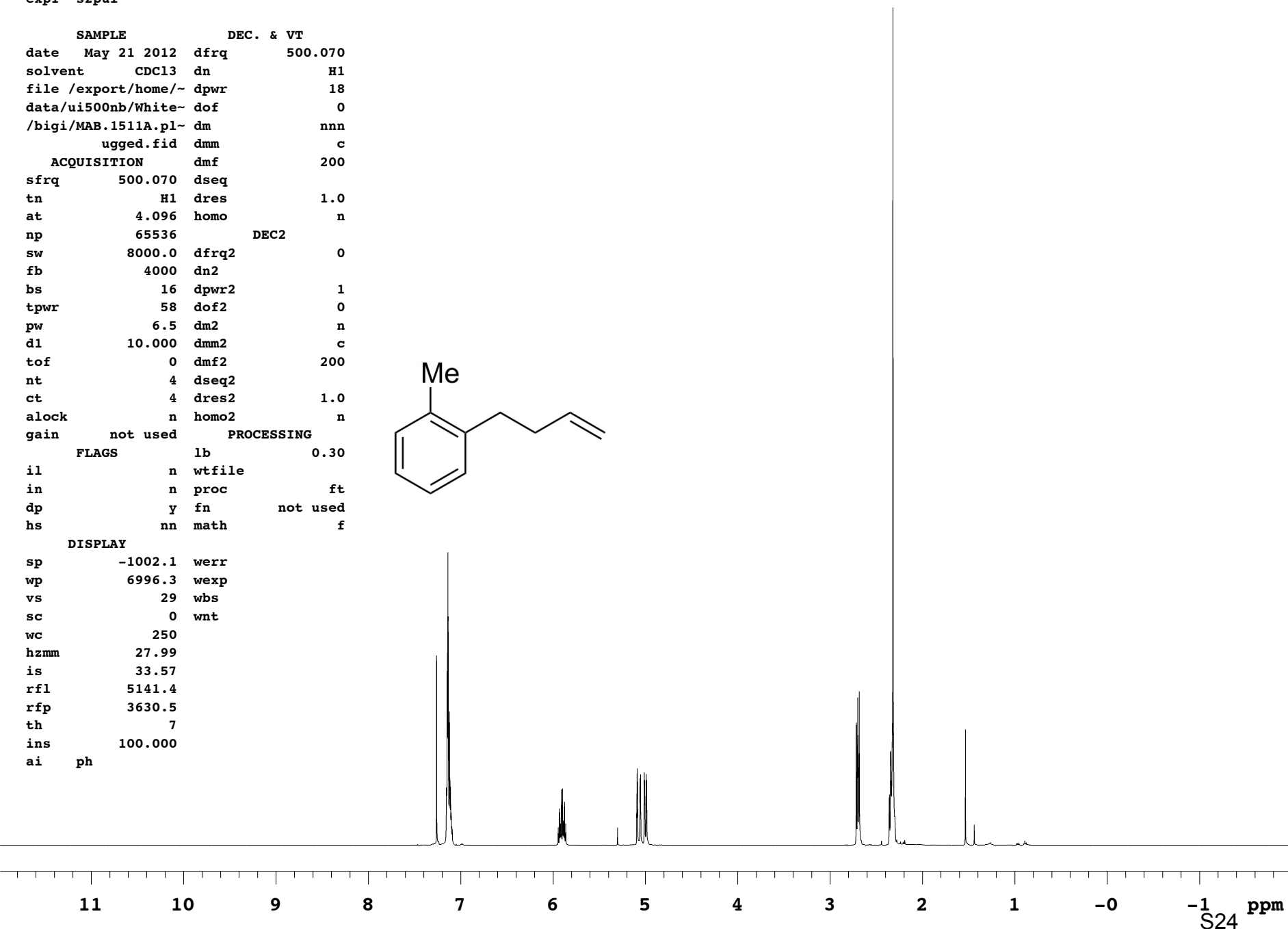
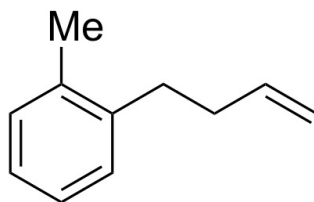
expl s2pul

SAMPLE DEC. & VT  
 date May 21 2012 dfrq 500.070  
 solvent CDC13 dn H1  
 file /export/home/~ dpwr 18  
 data/ui500nb/White~ dof 0  
 /bigi/MAB.1511A.pl~ dm nnn  
 ugged.fid dmm c

ACQUISITION dmf 200  
 sfrq 500.070 dseq  
 tn H1 dres 1.0  
 at 4.096 homo n  
 np 65536 DEC2  
 sw 8000.0 dfrq2 0  
 fb 4000 dn2  
 bs 16 dpwr2 1  
 tpwr 58 dof2 0  
 pw 6.5 dm2 n  
 d1 10.000 dmm2 c  
 tof 0 dmf2 200  
 nt 4 dseq2  
 ct 4 dres2 1.0  
 alock n homo2 n

gain not used PROCESSING  
 FLAGS lb 0.30  
 il n wtfile  
 in n proc ft  
 dp y fn not used  
 hs nn math f

DISPLAY  
 sp -1002.1 werr  
 wp 6996.3 wexp  
 vs 29 wbs  
 sc 0 wnt  
 wc 250  
 hzmm 27.99  
 is 33.57  
 rfl 5141.4  
 rfp 3630.5  
 th 7  
 ins 100.000  
 ai ph

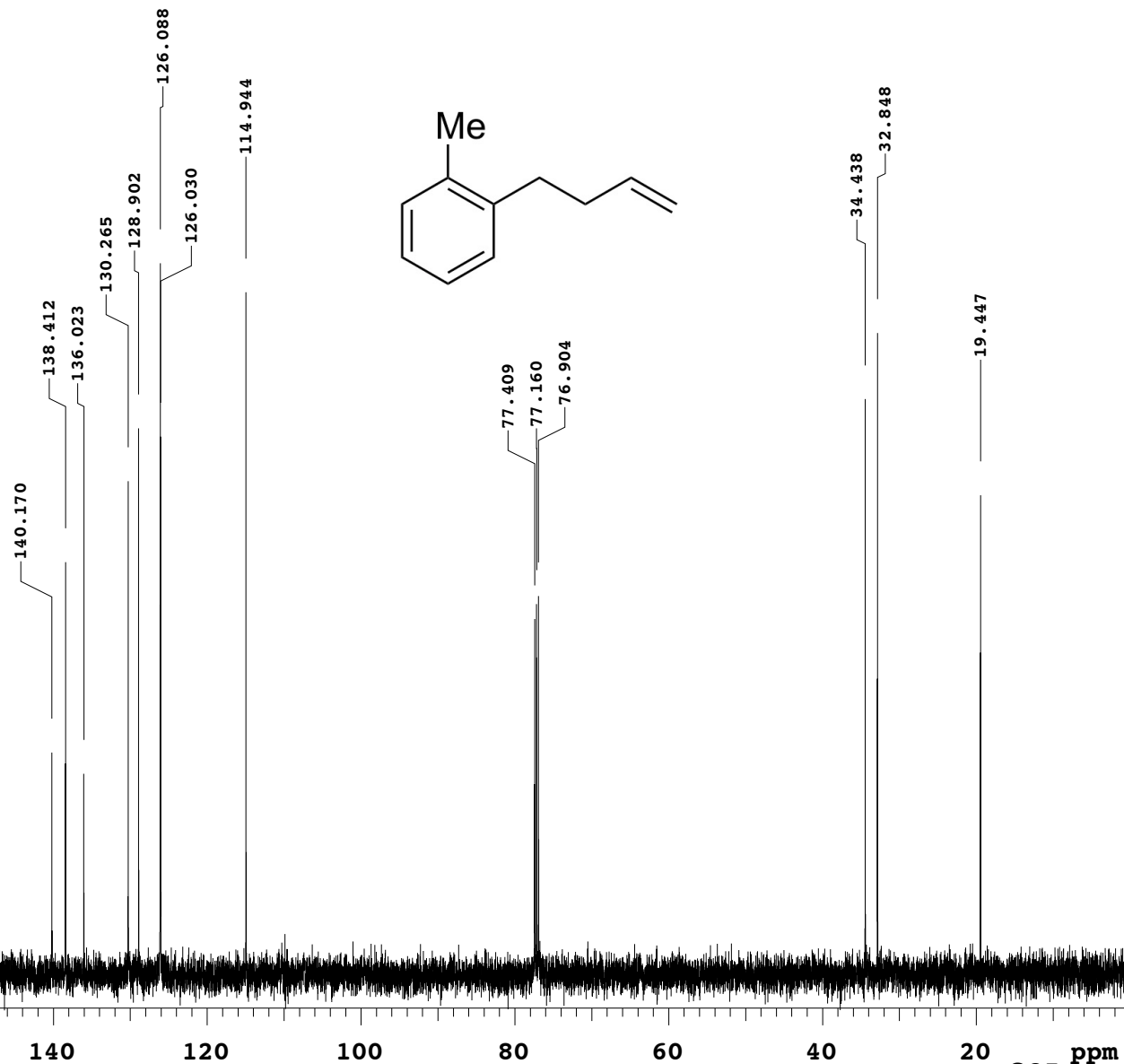


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm



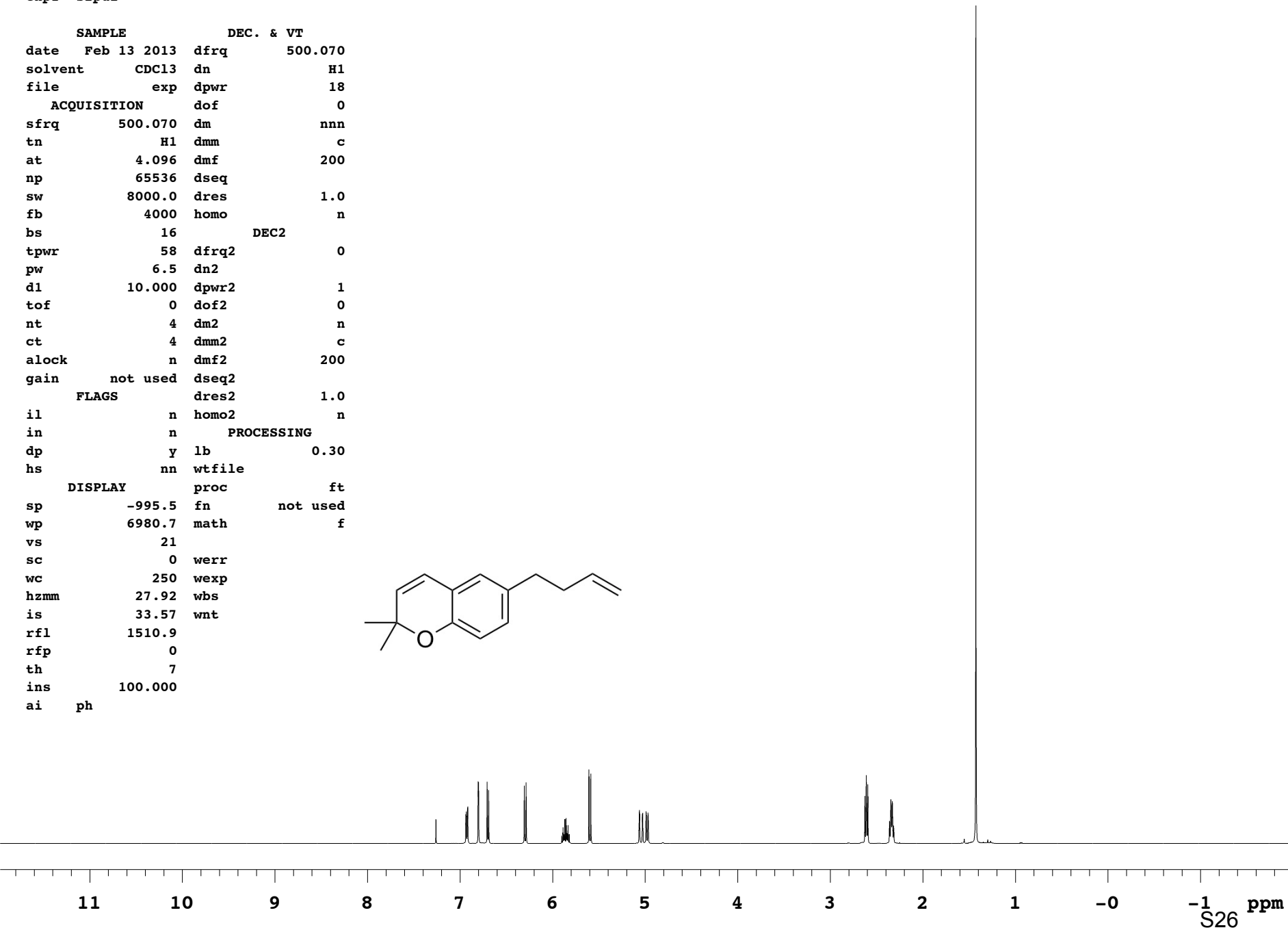
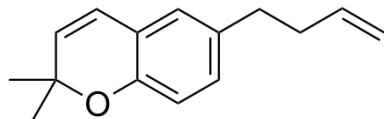
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 13 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	exp	dpwr	45
ACQUISITION		dof	
sfrq	125.661	dm	YYY
tn	C13	dmm	w
at	1.086	dmf	20202
np	65536	dseq	
sw	30165.9	dres	90.0
fb	17000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	60	dn2	
pw	6.0	dpwr2	1
d1	1.000	dof2	0
tof	1884.7	dm2	n
nt	1200	dmm2	c
ct	130	dmf2	10000
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	10.3	math	f
wp	27680.3		
vs	105	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.72	wnt	
is	500.00		
rfl	10971.6		
rfp	9694.9		
th	18		
ins	100.000		
nm	ph		



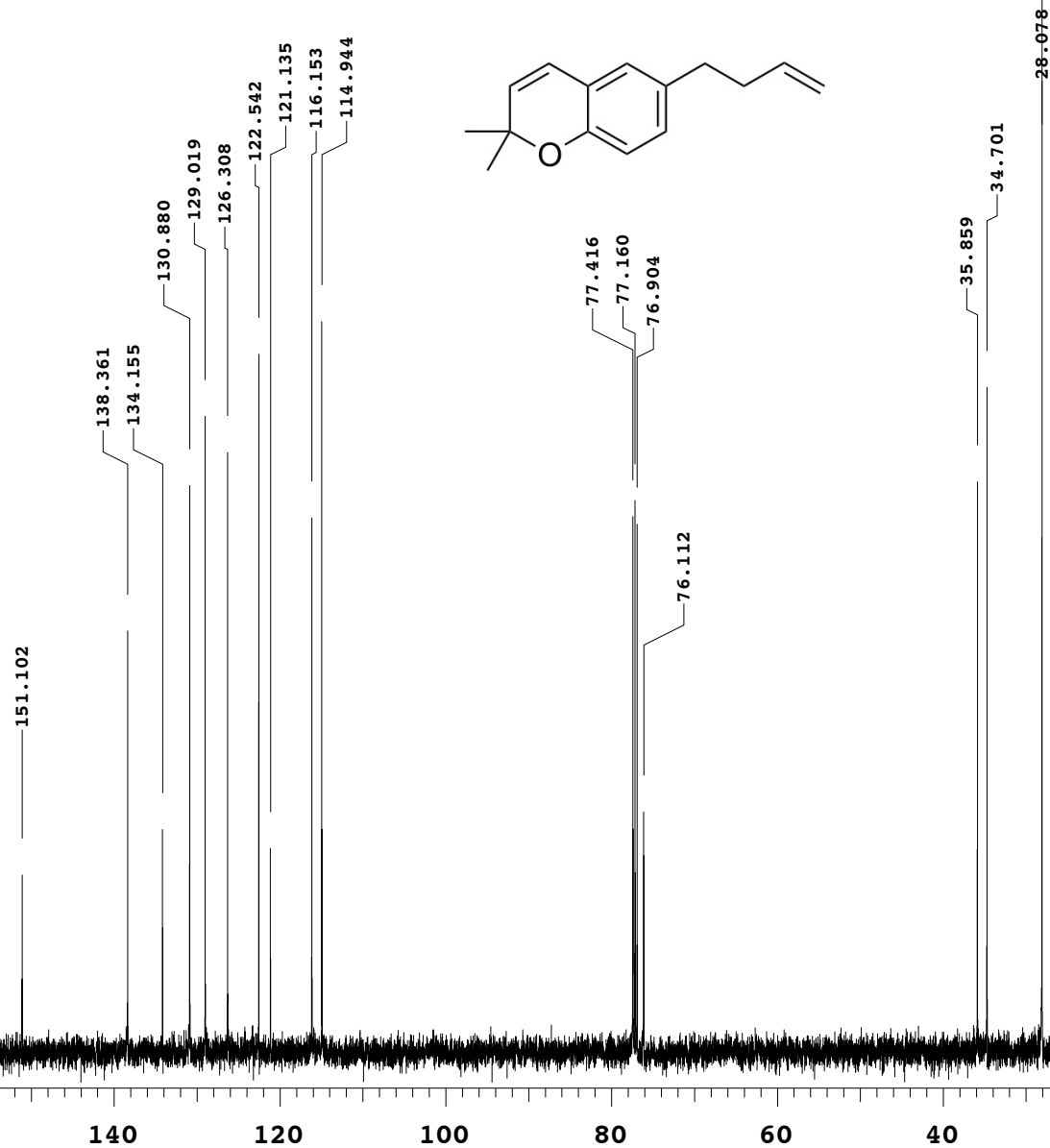
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 13 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	exp	dpwr	18
ACQUISITION		dof	
sfrq	500.070	dm	nnn
tn	H1	dmm	c
at	4.096	dmf	200
np	65536	dseq	
sw	8000.0	dres	1.0
fb	4000	homo	n
bs	16	DEC2	
tpwr	58	dfrq2	0
pw	6.5	dn2	
d1	10.000	dpwr2	1
tof	0	dof2	0
nt	4	dm2	n
ct	4	dmm2	c
alock	n	dmf2	200
gain	not used	dseq2	
FLAGS		dres2	
			1.0
il	n	homo2	n
in	n	PROCESSING	
dp	y	lb	0.30
hs	nn	wtfile	
DISPLAY		proc	
sp	-995.5	fn	not used
wp	6980.7	math	f
vs	21		
sc	0	werr	
wc	250	wexp	
hzmm	27.92	wbs	
is	33.57	wnt	
rfl	1510.9		
rfp	0		
th	7		
ins	100.000		
ai	ph		



expl s2pul

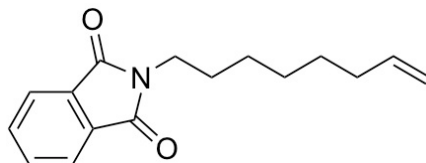
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solvent	CDC13	dn	H1
file	exp	dpwr	45
ACQUISITION		dof	-827.6
sfrq	125.661	dm	YYY
tn	C13	dmm	w
at	1.086	dmf	20202
np	65536	dseq	
sw	30165.9	dres	90.0
fb	17000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	60	dn2	
pw	6.0	dpwr2	1
d1	1.000	dof2	0
tof	1884.7	dm2	n
nt	1200	dmm2	c
ct	125	dmf2	10000
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	n
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	not used
sp	-31.1	math	f
wp	27502.6		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.01	wnt	
is	500.00		
rfl	10968.8		
rfp	9694.9		
th	16		
ins	100.000		
nm	ph		



200 180 160 140 120 100 80 60 40 20 ppm

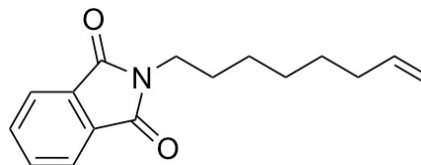
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 13 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	exp	dpwr	18
ACQUISITION		dof	0
sfrq	500.070	dm	nnn
tn	H1	dmm	c
at	4.096	dmf	200
np	65536	dseq	
sw	8000.0	dres	1.0
fb	4000	homo	n
bs	16	DEC2	
tpwr	58	dfrq2	0
pw	6.5	dn2	
d1	10.000	dpwr2	1
tof	0	dof2	0
nt	4	dm2	n
ct	4	dmm2	c
alock	n	dmf2	200
gain	not used	dseq2	
FLAGS		dres2	1.0
il	n	homo2	n
in	n	PROCESSING	
dp	y	lb	0.30
hs	nn	wtfile	
DISPLAY		proc	ft
sp	-995.0	fn	not used
wp	6992.4	math	f
vs	62		
sc	0	werr	
wc	250	wexp	
hzmm	27.97	wbs	
is	33.57	wnt	
rfl	5140.9		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		

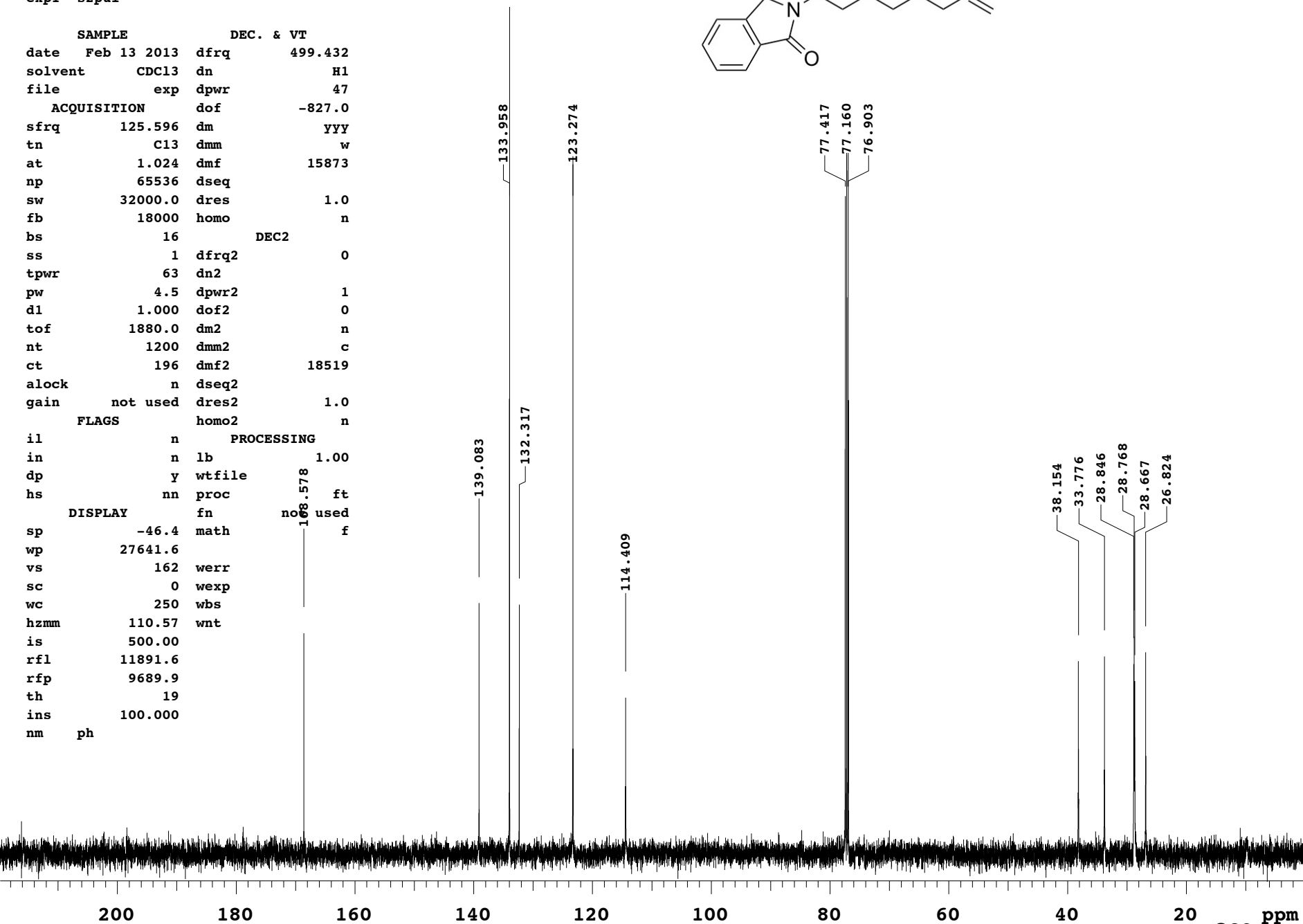


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

expl s2pul

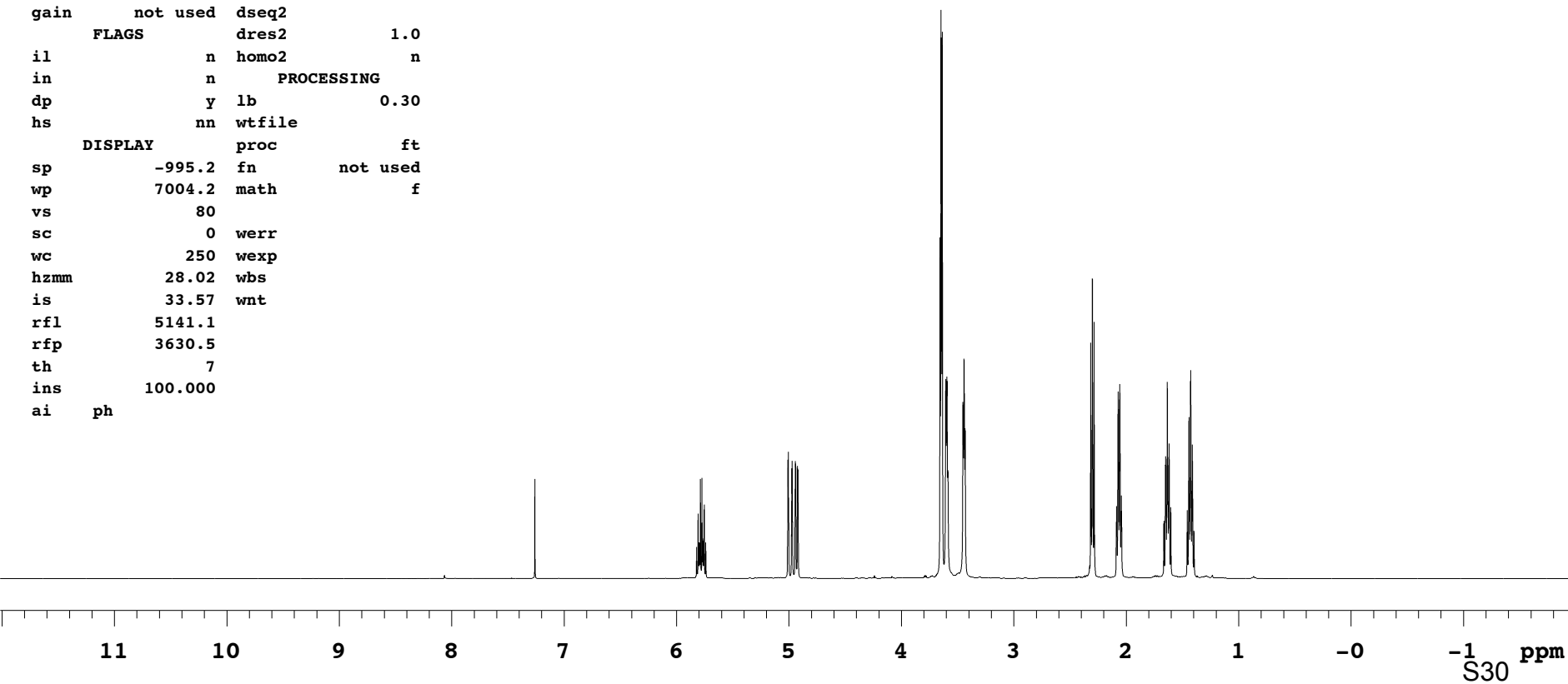
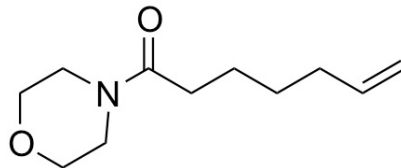


SAMPLE		DEC. & VT	
date	Feb 13 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	exp	dpwr	47
ACQUISITION		dof	
sfrq	125.596	dm	YYY
tn	C13	dmm	w
at	1.024	dmf	15873
np	65536	dseq	
sw	32000.0	dres	1.0
fb	18000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	63	dn2	
pw	4.5	dpwr2	1
d1	1.000	dof2	0
tof	1880.0	dm2	n
nt	1200	dmm2	c
ct	196	dmf2	18519
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	-46.4	math	f
wp	27641.6		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.57	wnt	
is	500.00		
rfl	11891.6		
rfp	9689.9		
th	19		
ins	100.000		
nm	ph		



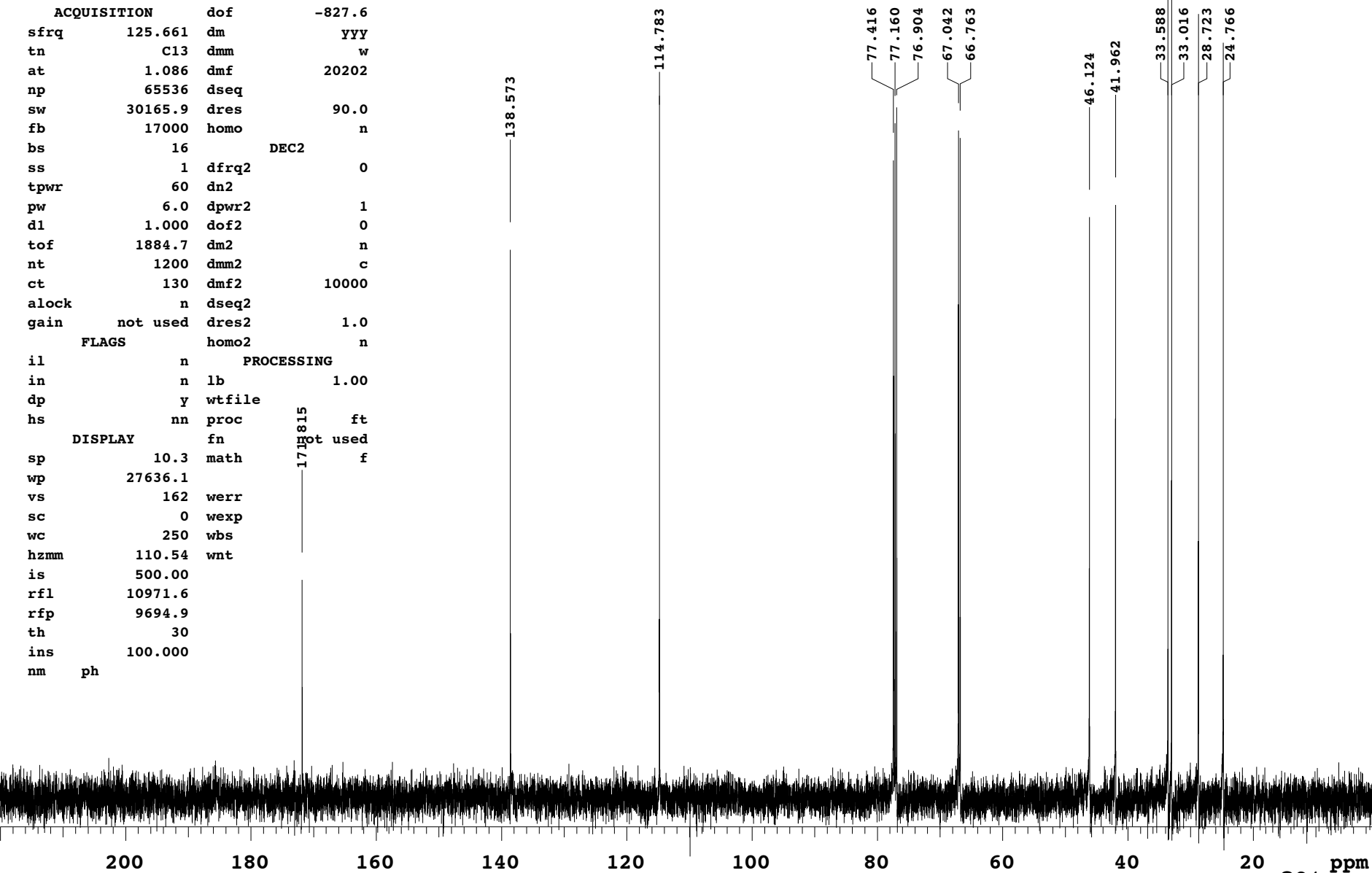
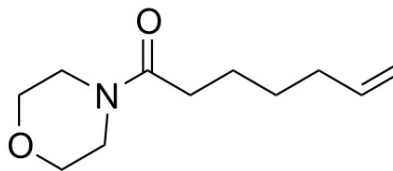
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 14 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	exp	dpwr	18
ACQUISITION		dof	0
sfrq	500.070	dm	nnn
tn	H1	dmm	c
at	4.096	dmf	200
np	65536	dseq	
sw	8000.0	dres	1.0
fb	4000	homo	n
bs	16	DEC2	
tpwr	58	dfrq2	0
pw	6.5	dn2	
d1	10.000	dpwr2	1
tof	0	dof2	0
nt	4	dm2	n
ct	4	dmm2	c
alock	n	dmf2	200
gain	not used	dseq2	
FLAGS		dres2	1.0
il	n	homo2	n
in	n	PROCESSING	
dp	y	lb	0.30
hs	nn	wtfile	
DISPLAY		proc	ft
sp	-995.2	fn	not used
wp	7004.2	math	f
vs	80		
sc	0	werr	
wc	250	wexp	
hzmm	28.02	wbs	
is	33.57	wnt	
rfl	5141.1		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		



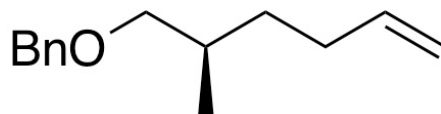
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 14 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	exp	dpwr	45
ACQUISITION		dof	
sfrq	125.661	dm	YYY
tn	C13	dmm	w
at	1.086	dmf	20202
np	65536	dseq	
sw	30165.9	dres	90.0
fb	17000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	60	dn2	
pw	6.0	dpwr2	1
d1	1.000	dof2	0
tof	1884.7	dm2	n
nt	1200	dmm2	c
ct	130	dmf2	10000
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	10.3	math	f
wp	27636.1		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.54	wnt	
is	500.00		
rfl	10971.6		
rfp	9694.9		
th	30		
ins	100.000		
nm	ph		



expl s2pul

SAMPLE		DEC. & VT	
date	Jun 18 2012	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~	dof		0
/bigi/MAB.1539A.co~	dm		nnn
lunned.fid	dmm		c
ACQUISITION			
sfrq	500.070	dseq	
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	10.000	dmm2	c
tof	0	dmf2	200
nt	4	dseq2	
ct	4	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	
FLAGS	lb		0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f
DISPLAY			
sp	-995.2	werr	
wp	6980.7	wexp	
vs	52	wbs	
sc	0	wnt	
wc	250		
hzmm	27.92		
is	33.57		
rfl	5141.1		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		

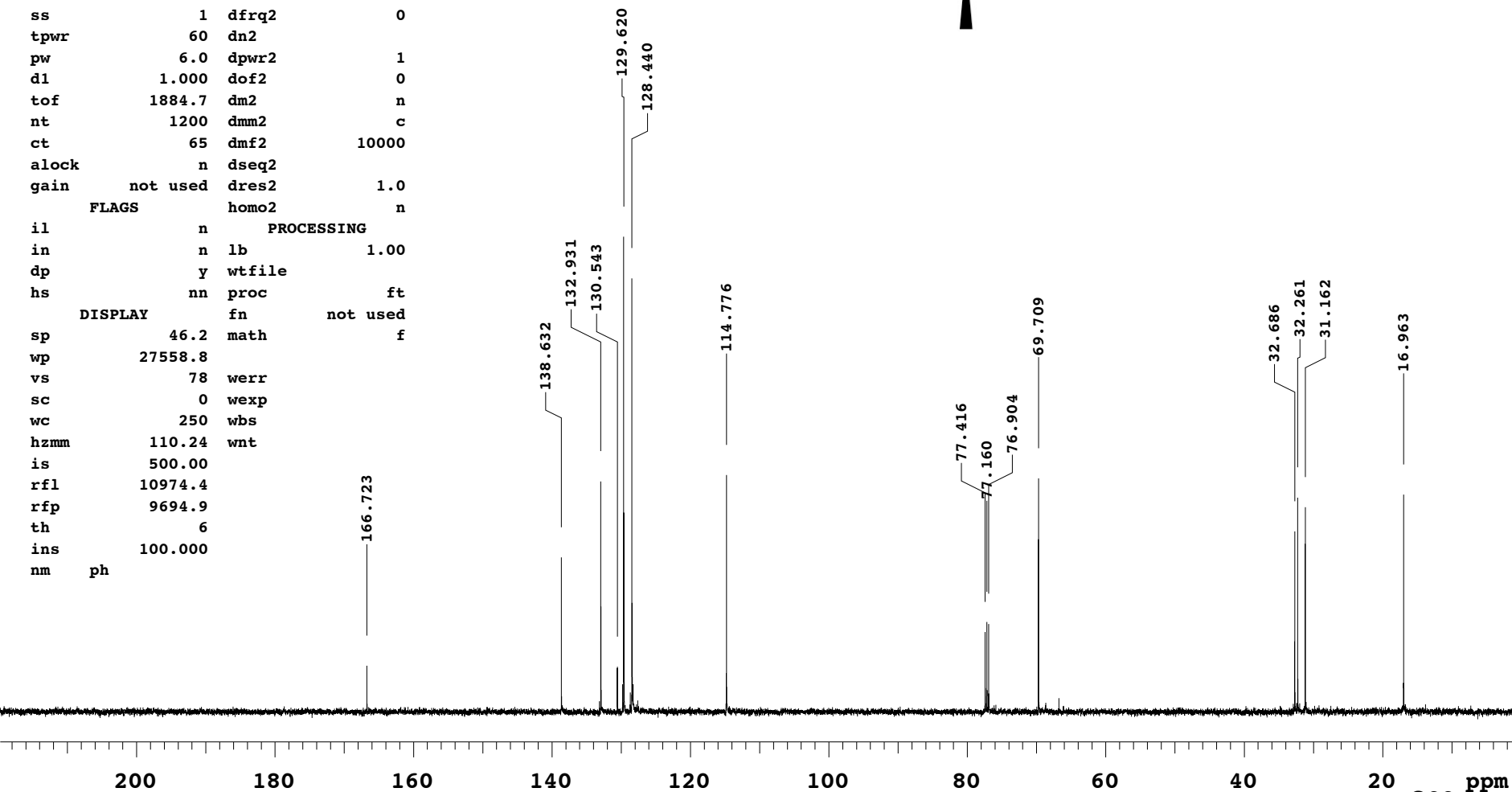


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm



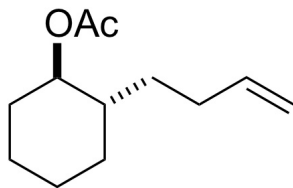
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 18 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	exp	dpwr	45
ACQUISITION		dof	-827.6
sfrq	125.661	dm	YYY
tn	C13	dmm	w
at	1.086	dmf	20202
np	65536	dseq	
sw	30165.9	dres	90.0
fb	17000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	60	dn2	
pw	6.0	dpwr2	1
d1	1.000	dof2	0
tof	1884.7	dm2	n
nt	1200	dmm2	c
ct	65	dmf2	10000
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	n
PROCESSING			
il	n	lb	1.00
in	n	wtfile	
dp	y	proc	ft
hs	nn	fn	not used
DISPLAY		math	f
sp	46.2	werr	
wp	27558.8	wexp	
vs	78	wbs	
sc	0	wnt	
wc	250		
hzmm	110.24		
is	500.00		
rfl	10974.4		
rfp	9694.9		
th	6		
ins	100.000		
nm	ph		



expl s2pul

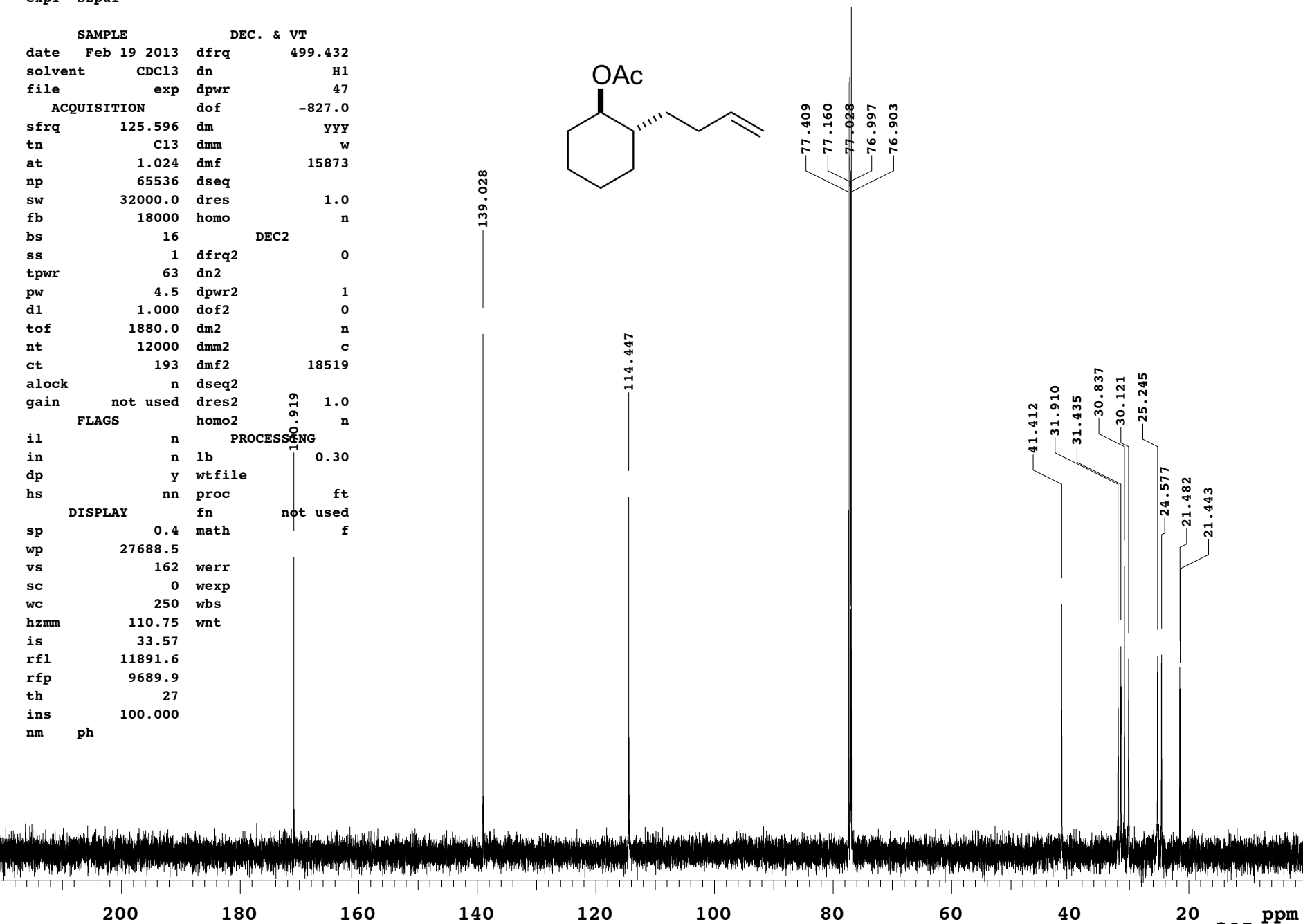
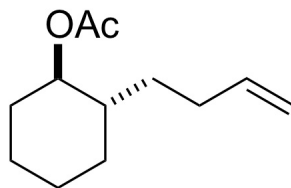
SAMPLE		DEC. & VT	
date	Feb 19 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	exp	dpwr	25
ACQUISITION		dof	0
sfrq	499.432	dm	nnn
tn	H1	dmm	c
at	4.096	dmf	200
np	65536	dseq	
sw	8000.0	dres	1.0
fb	4000	homo	n
bs	4	DEC2	
tpwr	63	dfrq2	0
pw	8.0	dn2	
d1	10.000	dpwr2	1
tof	0	dof2	0
nt	8	dm2	n
ct	8	dmm2	c
alock	n	dmf2	200
gain	not used	dseq2	
FLAGS		dres2	1.0
il	n	homo2	n
in	n	PROCESSING	
dp	y	lb	0.30
hs	nn	wtfile	
DISPLAY		proc	ft
sp	-1016.5	fn	not used
wp	7004.2	math	f
vs	162		
sc	0	werr	
wc	250	wexp	
hzmm	28.02	wbs	
is	33.57	wnt	
rfl	5134.3		
rfp	3625.9		
th	7		
ins	100.000		
nm	ph		



11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

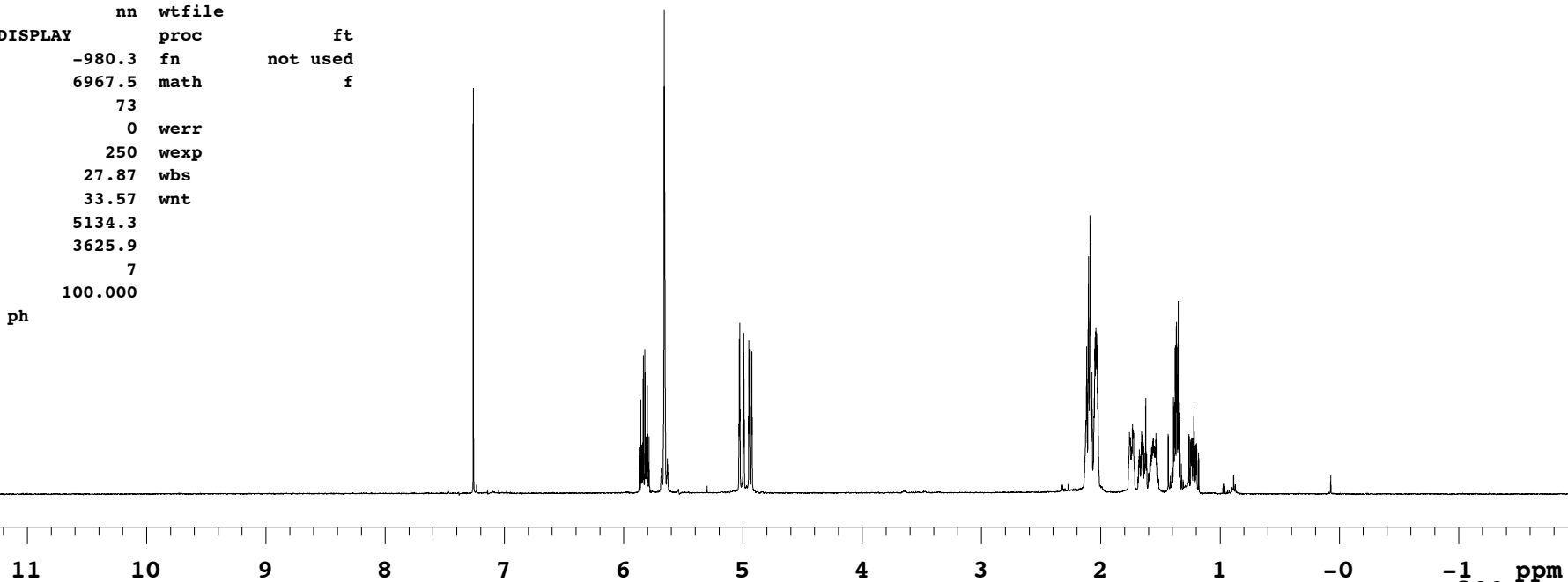
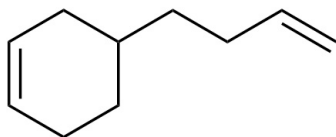
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 19 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	exp	dpwr	47
ACQUISITION		dof	
sfrq	125.596	dm	YYY
tn	C13	dmm	w
at	1.024	dmf	15873
np	65536	dseq	
sw	32000.0	dres	1.0
fb	18000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	63	dn2	
pw	4.5	dpwr2	1
d1	1.000	dof2	0
tof	1880.0	dm2	n
nt	12000	dmm2	c
ct	193	dmf2	18519
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	0.30
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	0.4	math	f
wp	27688.5		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.75	wnt	
is	33.57		
rfl	11891.6		
rfp	9689.9		
th	27		
ins	100.000		
nm	ph		



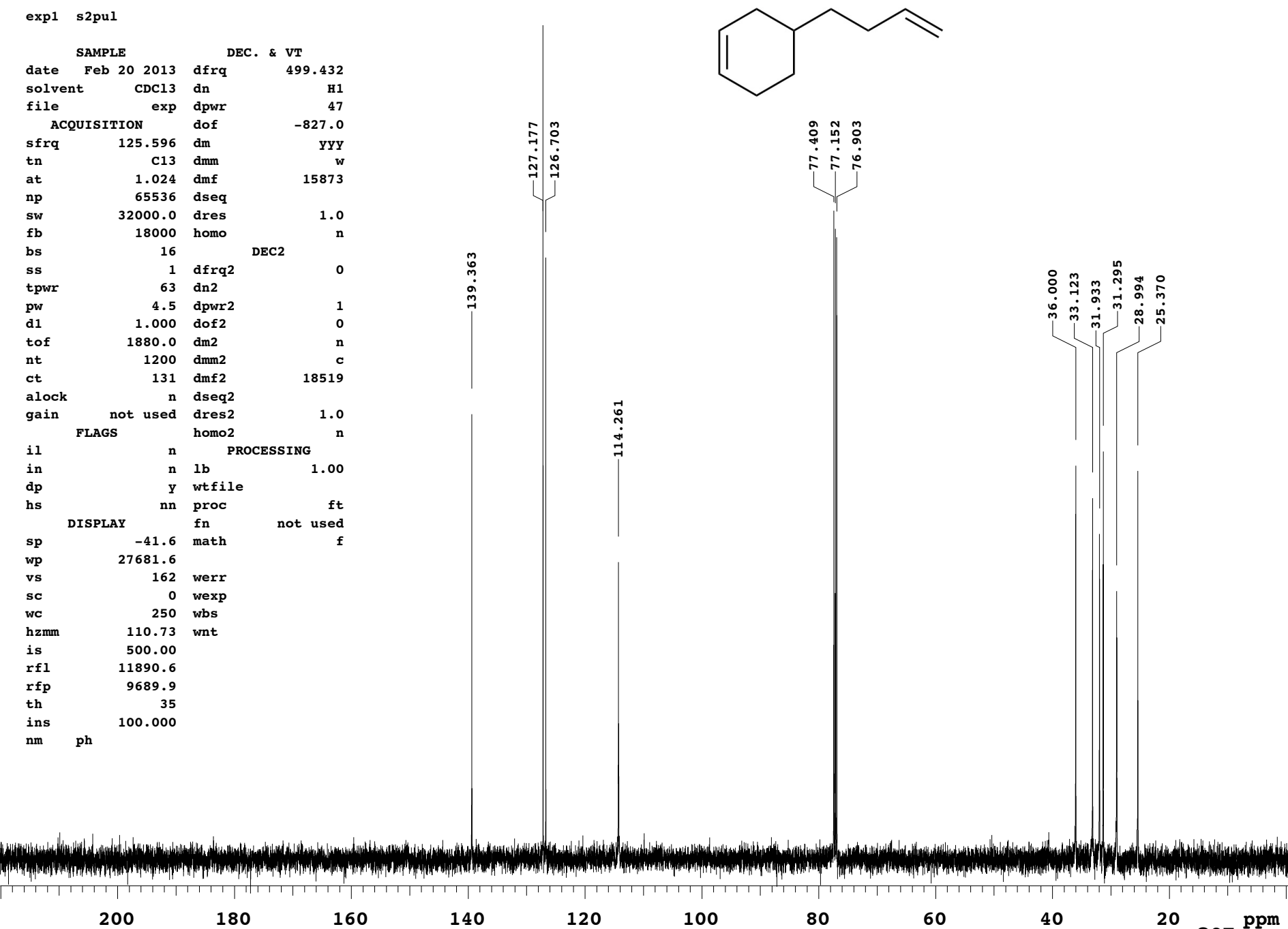
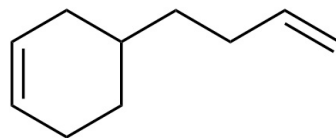
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 20 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	exp	dpwr	25
ACQUISITION		dof	0
sfrq	499.432	dm	nnn
tn	H1	dmm	c
at	4.096	dmf	200
np	65536	dseq	
sw	8000.0	dres	1.0
fb	4000	homo	n
bs	4	DEC2	
tpwr	63	dfrq2	0
pw	8.0	dn2	
d1	10.000	dpwr2	1
tof	0	dof2	0
nt	4	dm2	n
ct	4	dmm2	c
alock	n	dmf2	200
gain	not used	dseq2	
FLAGS		dres2	1.0
il	n	homo2	n
in	n	PROCESSING	
dp	y	lb	0.30
hs	nn	wtfile	
DISPLAY		proc	ft
sp	-980.3	fn	not used
wp	6967.5	math	f
vs	73		
sc	0	werr	
wc	250	wexp	
hzmm	27.87	wbs	
is	33.57	wnt	
rfl	5134.3		
rfp	3625.9		
th	7		
ins	100.000		
nm	ph		



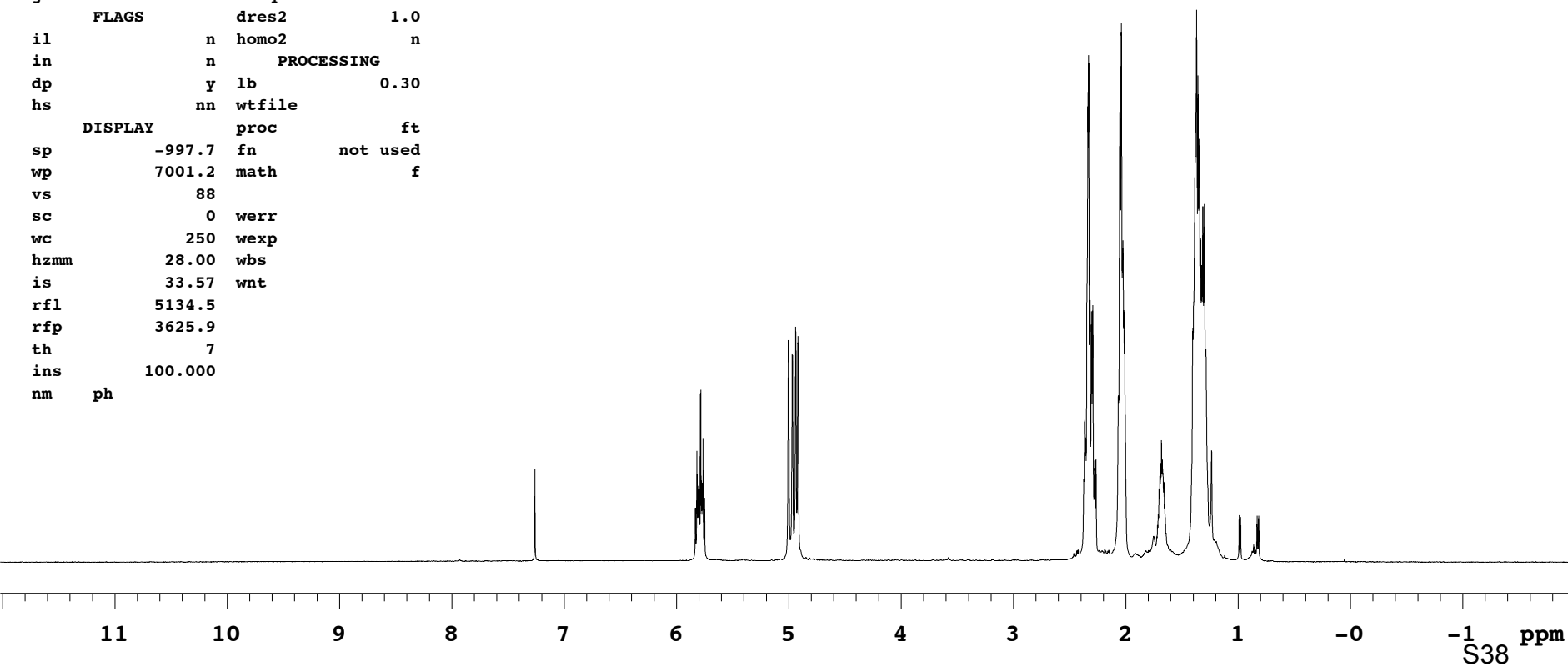
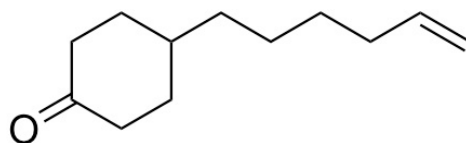
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 20 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	exp	dpwr	47
ACQUISITION		dof	
sfrq	125.596	dm	YYY
tn	C13	dmm	w
at	1.024	dmf	15873
np	65536	dseq	
sw	32000.0	dres	1.0
fb	18000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	63	dn2	
pw	4.5	dpwr2	1
d1	1.000	dof2	0
tof	1880.0	dm2	n
nt	1200	dmm2	c
ct	131	dmf2	18519
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	-41.6	math	f
wp	27681.6		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.73	wnt	
is	500.00		
rfl	11890.6		
rfp	9689.9		
th	35		
ins	100.000		
nm	ph		



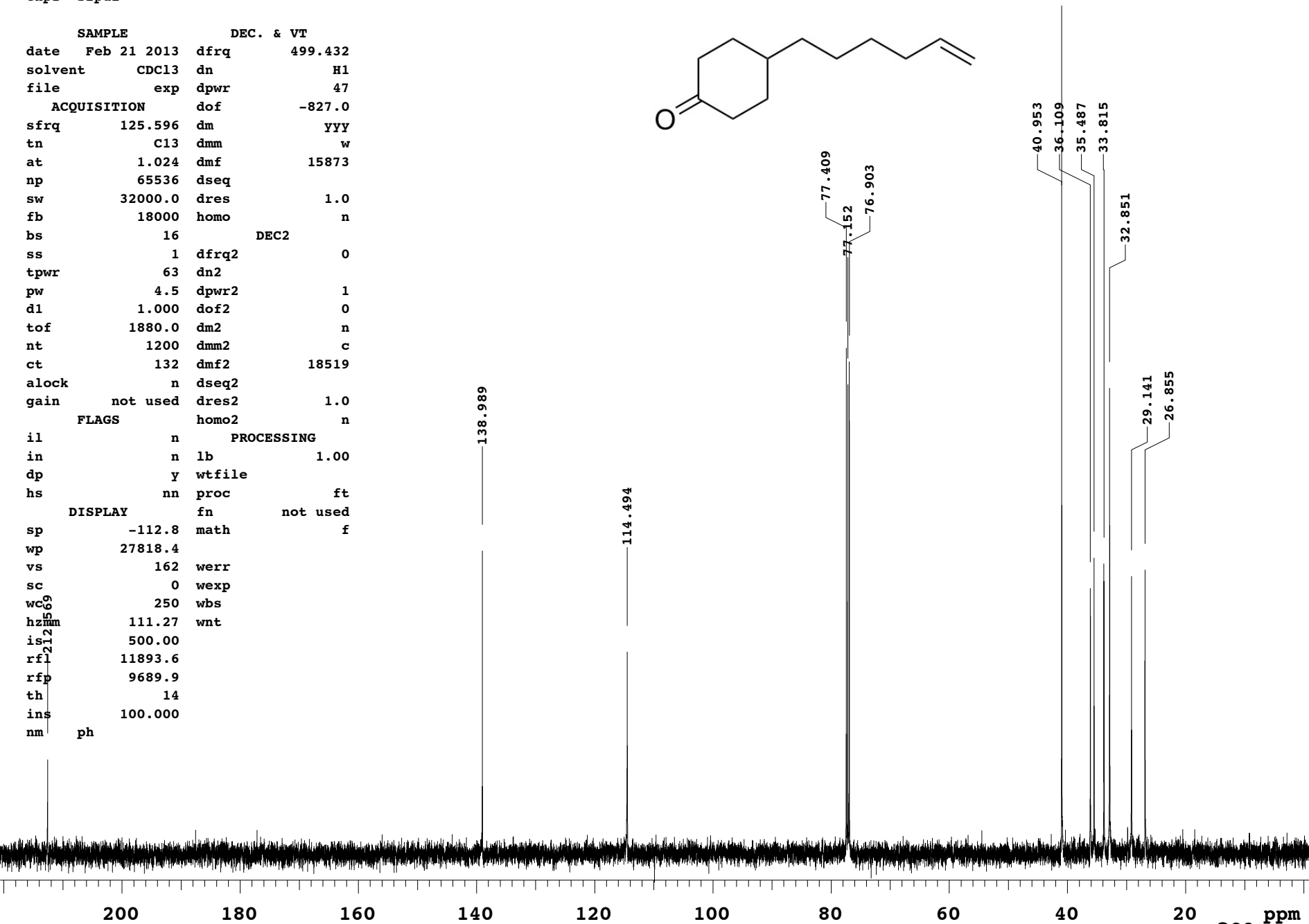
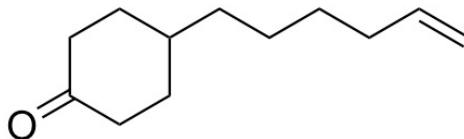
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 21 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	exp	dpwr	25
ACQUISITION		dof	0
sfrq	499.432	dm	nnn
tn	H1	dmm	c
at	4.096	dmf	200
np	65536	dseq	
sw	8000.0	dres	1.0
fb	4000	homo	n
bs	4	DEC2	
tpwr	63	dfrq2	0
pw	8.0	dn2	
d1	10.000	dpwr2	1
tof	0	dof2	0
nt	4	dm2	n
ct	4	dmm2	c
alock	n	dmf2	200
gain	not used	dseq2	
FLAGS		dres2	1.0
il	n	homo2	n
in	n	PROCESSING	
dp	y	lb	0.30
hs	nn	wtfile	
DISPLAY		proc	ft
sp	-997.7	fn	not used
wp	7001.2	math	f
vs	88		
sc	0	werr	
wc	250	wexp	
hzmm	28.00	wbs	
is	33.57	wnt	
rfl	5134.5		
rfp	3625.9		
th	7		
ins	100.000		
nm	ph		



expl s2pul

SAMPLE		DEC. & VT	
date	Feb 21 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	exp	dpwr	47
ACQUISITION		dof	
sfrq	125.596	dm	YYY
tn	C13	dmm	w
at	1.024	dmf	15873
np	65536	dseq	
sw	32000.0	dres	1.0
fb	18000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	63	dn2	
pw	4.5	dpwr2	1
d1	1.000	dof2	0
tof	1880.0	dm2	n
nt	1200	dmm2	c
ct	132	dmf2	18519
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	-112.8	math	f
wp	27818.4		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hz	111.27	wnt	
is	500.00		
rf	11893.6		
rfp	9689.9		
th	14		
ins	100.000		
nm	ph		



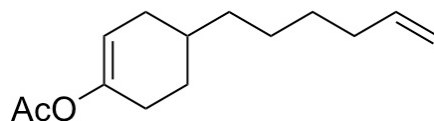
expl s2pul

SAMPLE		DEC. & VT	
date	May 24 2012	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/White/big/MA~		dof	0
B.1498B.column1.fi~		dm	nnn
		d	dmm
			c

ACQUISITION			
sfrq	500.070	dseq	
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	0	dmm2	c
tof	0	dmf2	200
nt	4	dseq2	
ct	4	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	

FLAGS			
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f

DISPLAY			
sp	-983.5	werr	
wp	6992.4	wexp	
vs	73	wbs	
sc	0	wnt	
wc	250		
hzmm	27.97		
is	33.57		
rfl	1510.6		
rfp	0		
th	7		
ins	100.000		
ai	ph		



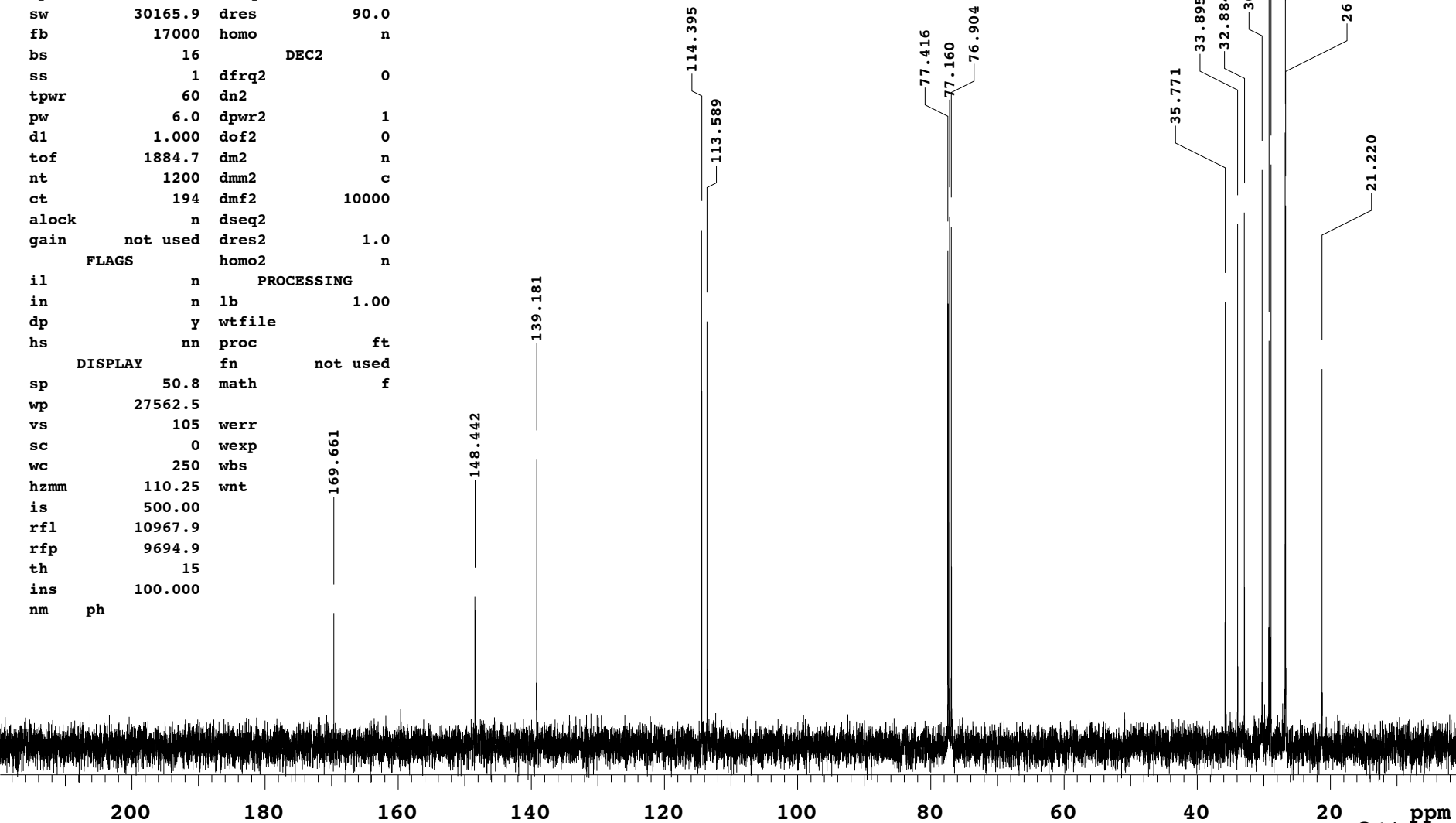
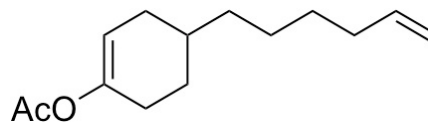
11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S40



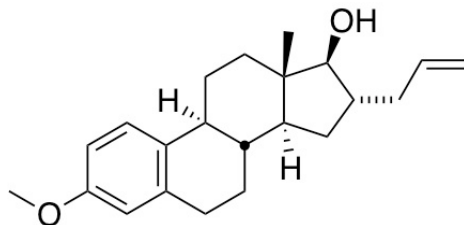
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 23 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	exp	dpwr	45
ACQUISITION		dof	
sfrq	125.661	dm	YYY
tn	C13	dmm	w
at	1.086	dmf	20202
np	65536	dseq	
sw	30165.9	dres	90.0
fb	17000	homo	n
bs	16		DEC2
ss	1	dfrq2	0
tpwr	60	dn2	
pw	6.0	dpwr2	1
d1	1.000	dof2	0
tof	1884.7	dm2	n
nt	1200	dmm2	c
ct	194	dmf2	10000
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n		PROCESSING
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	50.8	math	f
wp	27562.5		
vs	105	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.25	wnt	
is	500.00		
rfl	10967.9		
rfp	9694.9		
th	15		
ins	100.000		
nm	ph		



expl s2pul

SAMPLE		DEC. & VT	
date	Jul 2 2012	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~	dof		0
/bigi/MAB.1552A.cr~	dm		nnn
ude.fid	dmm		c
ACQUISITION		dmf	
sfrq	500.070	dseq	200
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	0	dmm2	c
tof	0	dof2	200
nt	1	dseq2	
ct	1	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	
FLAGS	lb		0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f
DISPLAY			
sp	-995.5	werr	
wp	7004.2	wexp	
vs	82	wbs	
sc	0	wnt	
wc	250		
hzmm	28.02		
is	33.57		
rfl	5141.4		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		

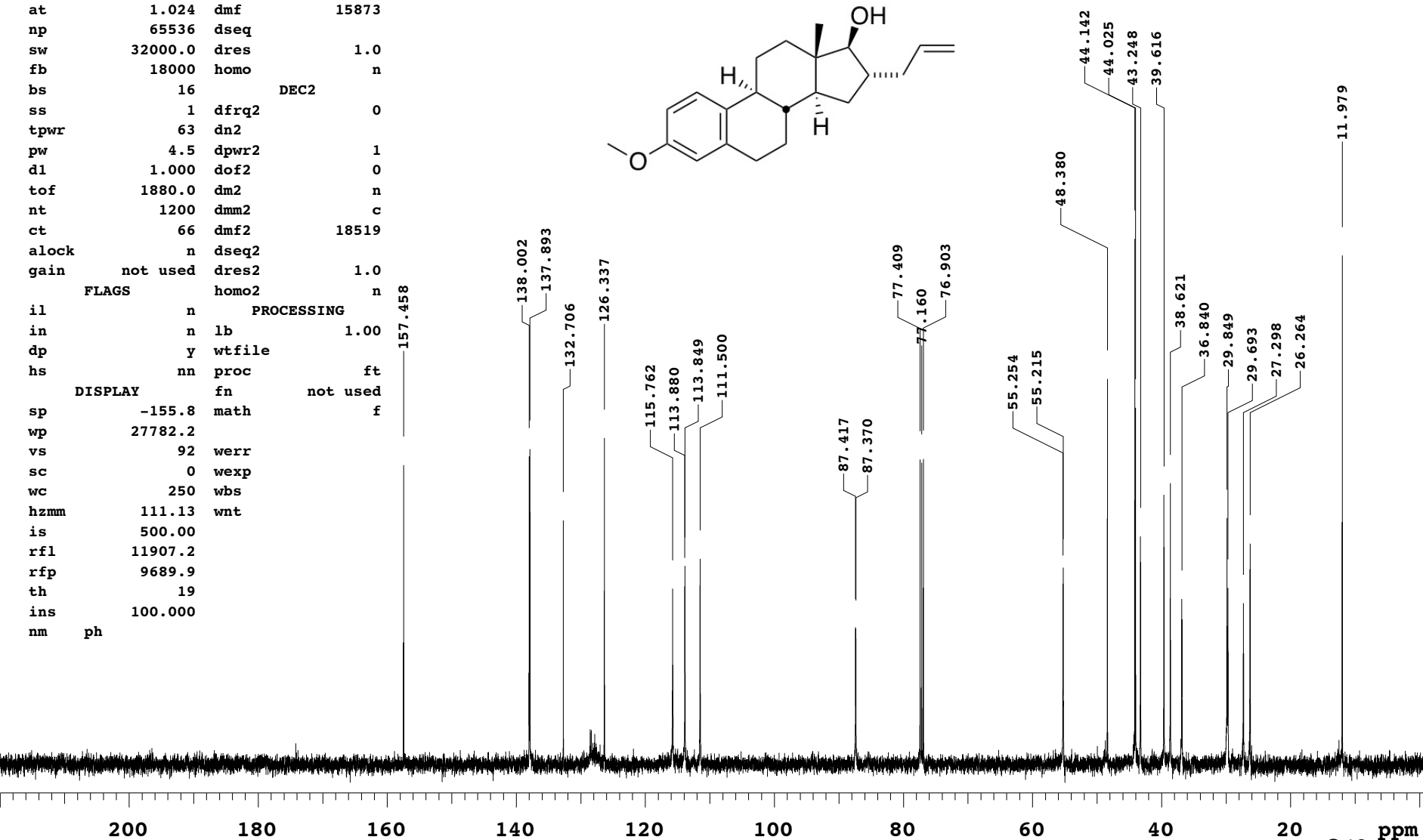
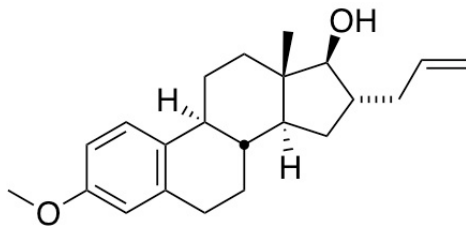


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S42

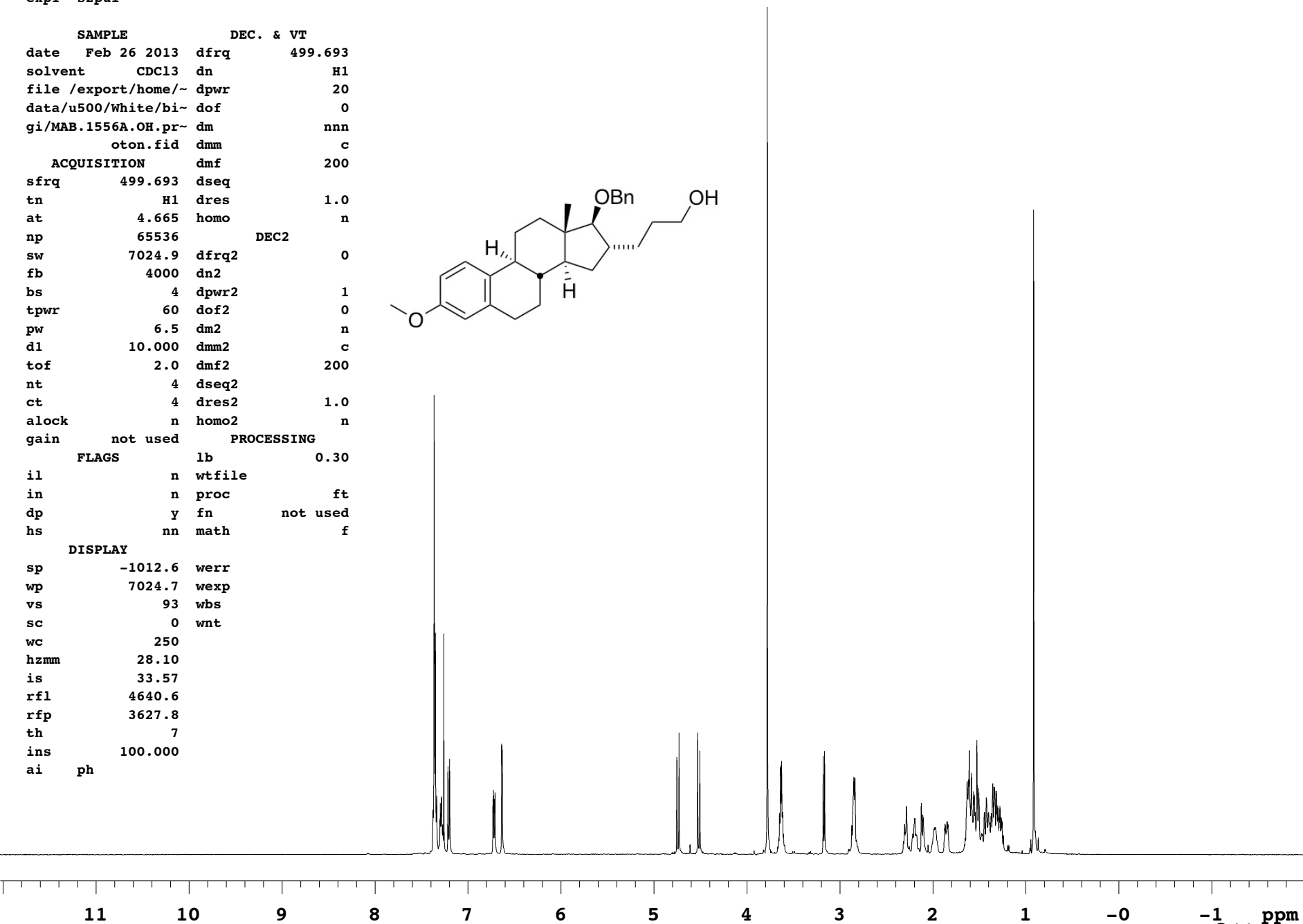
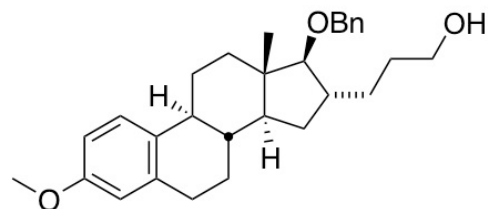
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 26 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	exp	dpwr	47
ACQUISITION		dof	-827.0
sfrq	125.596	dm	YYY
tn	C13	dmm	w
at	1.024	dmf	15873
np	65536	dseq	
sw	32000.0	dres	1.0
fb	18000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	63	dn2	
pw	4.5	dpwr2	1
d1	1.000	dof2	0
tof	1880.0	dm2	n
nt	1200	dmm2	c
ct	66	dmf2	18519
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	n
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	not used
sp	-155.8	math	f
wp	27782.2		
vs	92	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	111.13	wnt	
is	500.00		
rfl	11907.2		
rfp	9689.9		
th	19		
ins	100.000		
nm	ph		



expl s2pul

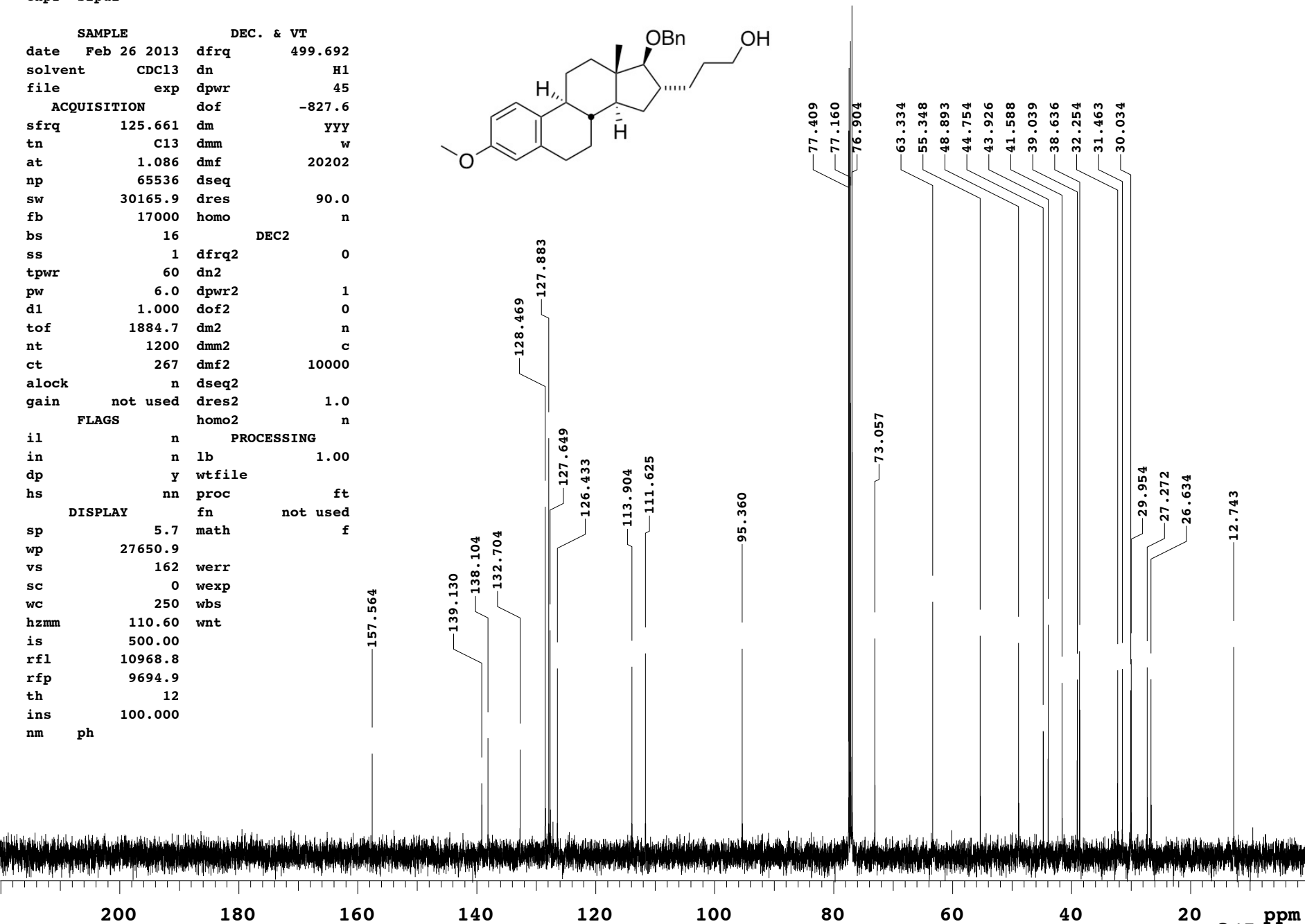
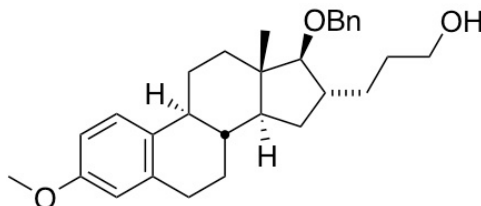
SAMPLE		DEC. & VT	
date	Feb 26 2013	dfrq	499.693
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	20
data/u500/White/bi~	dof		0
gi/MAB.1556A.OH.pr~	dm	nnn	
oton.fid	dmm	c	
ACQUISITION		dmf	
sfrq	499.693	dseq	
tn	H1	dres	1.0
at	4.665	homo	n
np	65536	DEC2	
sw	7024.9	dfrq2	0
fb	4000	dn2	
bs	4	dpwr2	1
tpwr	60	dof2	0
pw	6.5	dm2	n
d1	10.000	dmm2	c
tof	2.0	dmf2	200
nt	4	dseq2	
ct	4	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	
FLAGS	lb		0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f
DISPLAY			
sp	-1012.6	werr	
wp	7024.7	wexp	
vs	93	wbs	
sc	0	wnt	
wc	250		
hzmm	28.10		
is	33.57		
rfl	4640.6		
rfp	3627.8		
th	7		
ins	100.000		
ai	ph		



11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

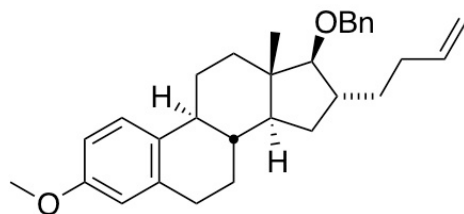
expl s2pul

SAMPLE		DEC. & VT	
date	Feb 26 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	exp	dpwr	45
ACQUISITION		dof	
sfrq	125.661	dm	YYY
tn	C13	dmm	w
at	1.086	dmf	20202
np	65536	dseq	
sw	30165.9	dres	90.0
fb	17000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	60	dn2	
pw	6.0	dpwr2	1
d1	1.000	dof2	0
tof	1884.7	dm2	n
nt	1200	dmm2	c
ct	267	dmf2	10000
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	
sp	5.7	math	f
wp	27650.9	werr	
vs	162	wexp	
sc	0	wbs	
wc	250	wnt	
hzmm	110.60		
is	500.00		
rfl	10968.8		
rfp	9694.9		
th	12		
ins	100.000		
nm	ph		



expl s2pul

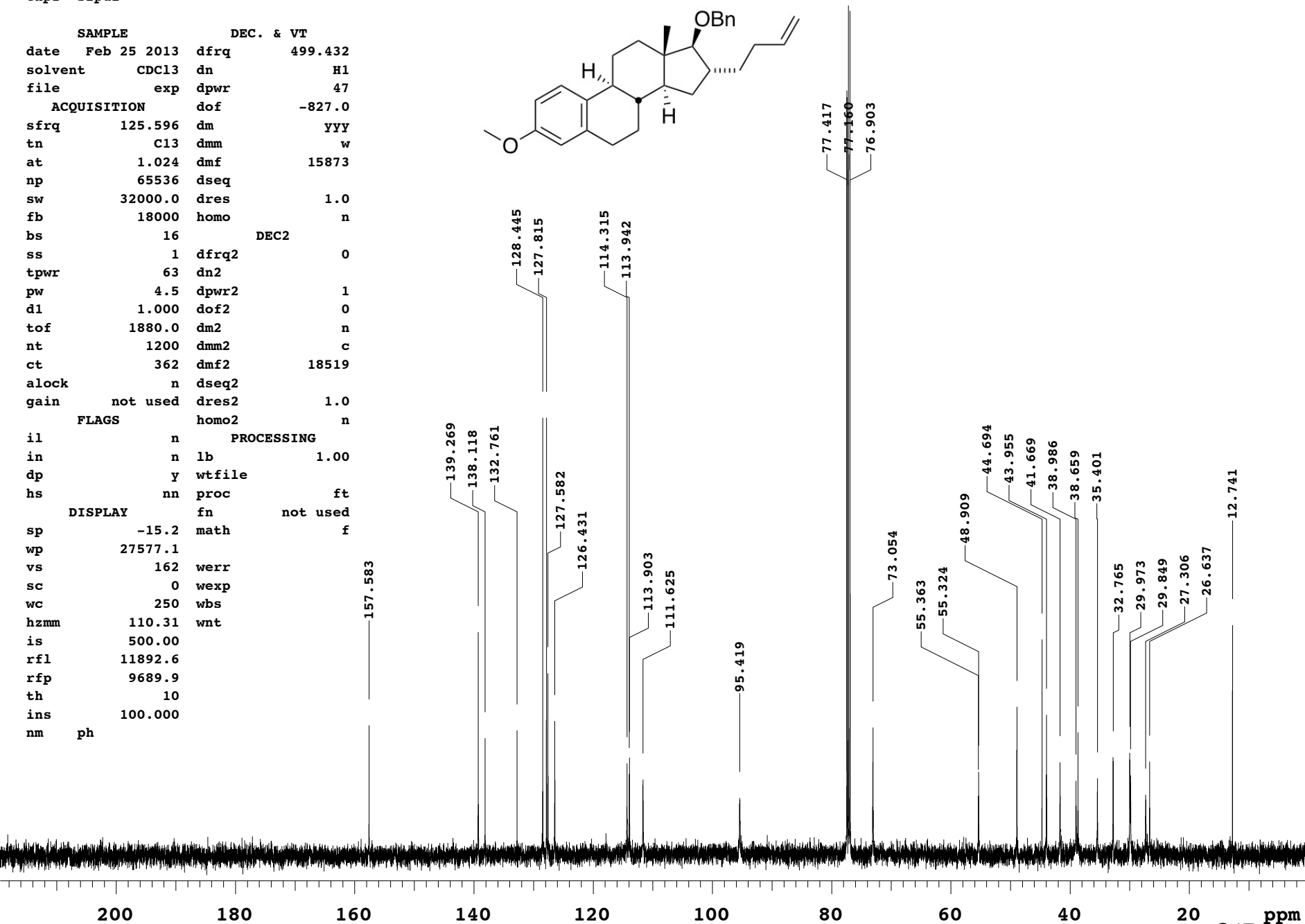
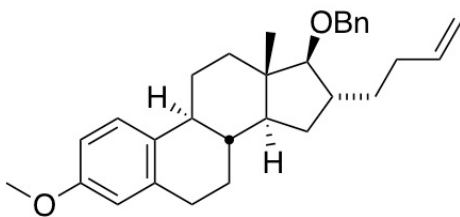
SAMPLE		DEC. & VT	
date	Feb 25 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	exp	dpwr	18
ACQUISITION		dof	0
sfrq	500.070	dm	nnn
tn	H1	dmm	c
at	4.096	dmf	200
np	65536	dseq	
sw	8000.0	dres	1.0
fb	4000	homo	n
bs	16	DEC2	
tpwr	58	dfrq2	0
pw	6.5	dn2	
d1	10.000	dpwr2	1
tof	0	dof2	0
nt	1	dm2	n
ct	1	dmm2	c
alock	n	dmf2	200
gain	not used	dseq2	
FLAGS		dres2	1.0
il	n	homo2	n
in	n	PROCESSING	
dp	y	lb	0.30
hs	nn	wtfile	
DISPLAY		proc	ft
sp	-995.2	fn	not used
wp	6992.4	math	f
vs	61		
sc	0	werr	
wc	250	wexp	
hzmm	27.97	wbs	
is	1698.60	wnt	
rfl	1510.6		
rfp	0		
th	7		
ins	1.000		
ai	ph		



11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

expl s2pul

SAMPLE		DEC. & VT	
date	Feb 25 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	exp	dpwr	47
ACQUISITION		dof	-827.0
sfrq	125.596	dm	YYY
tn	C13	dmm	w
at	1.024	dmf	15873
np	65536	dseq	
sw	32000.0	dres	1.0
fb	18000	homo	n
bs	16		DEC2
ss	1	dfrq2	0
tpwr	63	dn2	
pw	4.5	dpwr2	1
d1	1.000	dof2	0
tof	1880.0	dm2	n
nt	1200	dmm2	c
ct	362	dmf2	18519
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	n
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	not used
sp	-15.2	math	f
wp	27577.1		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.31	wnt	
is	500.00		
rfl	11892.6		
rfp	9689.9		
th	10		
ins	100.000		
nm	ph		



expl s2pul

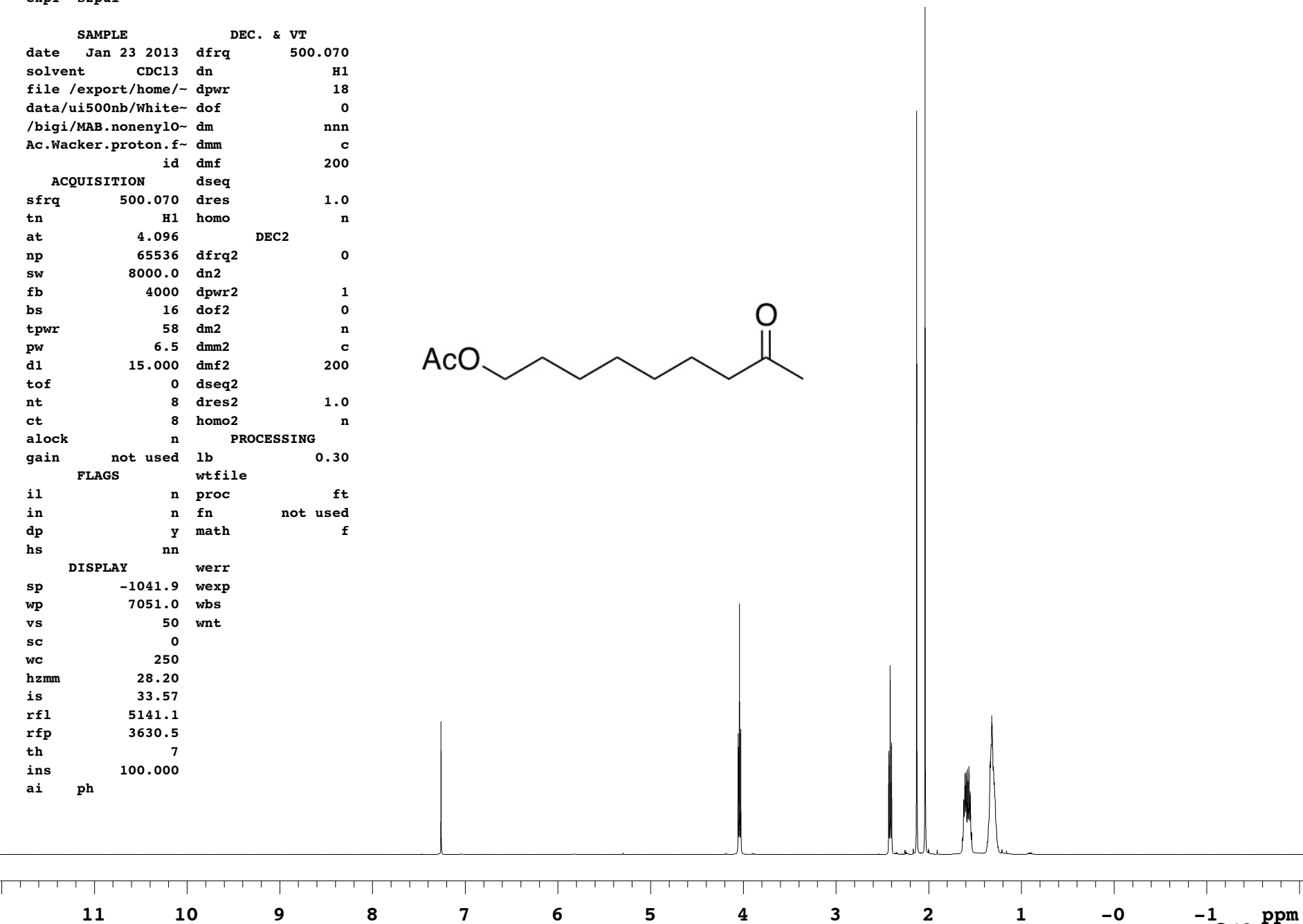
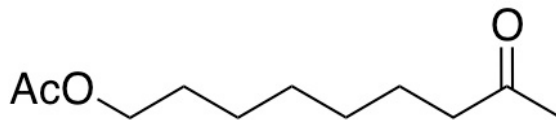
SAMPLE		DEC. & VT	
date	Jan 23 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.nonenylO~		dm	nnn
Ac.Wacker.proton.f~		dmm	c
		id	dmf
			200

ACQUISITION			
sfrq	500.070	dres	1.0
tn	H1	homo	n
at	4.096	DEC2	
np	65536	dfrq2	0
sw	8000.0	dn2	
fb	4000	dpwr2	1
bs	16	dof2	0
tpwr	58	dm2	n
pw	6.5	dmm2	c
d1	15.000	dmf2	200
tof	0	dseq2	
nt	8	dres2	1.0
ct	8	homo2	n

PROCESSING			
alock	n	lb	0.30
gain	not used		

FLAGS			
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		

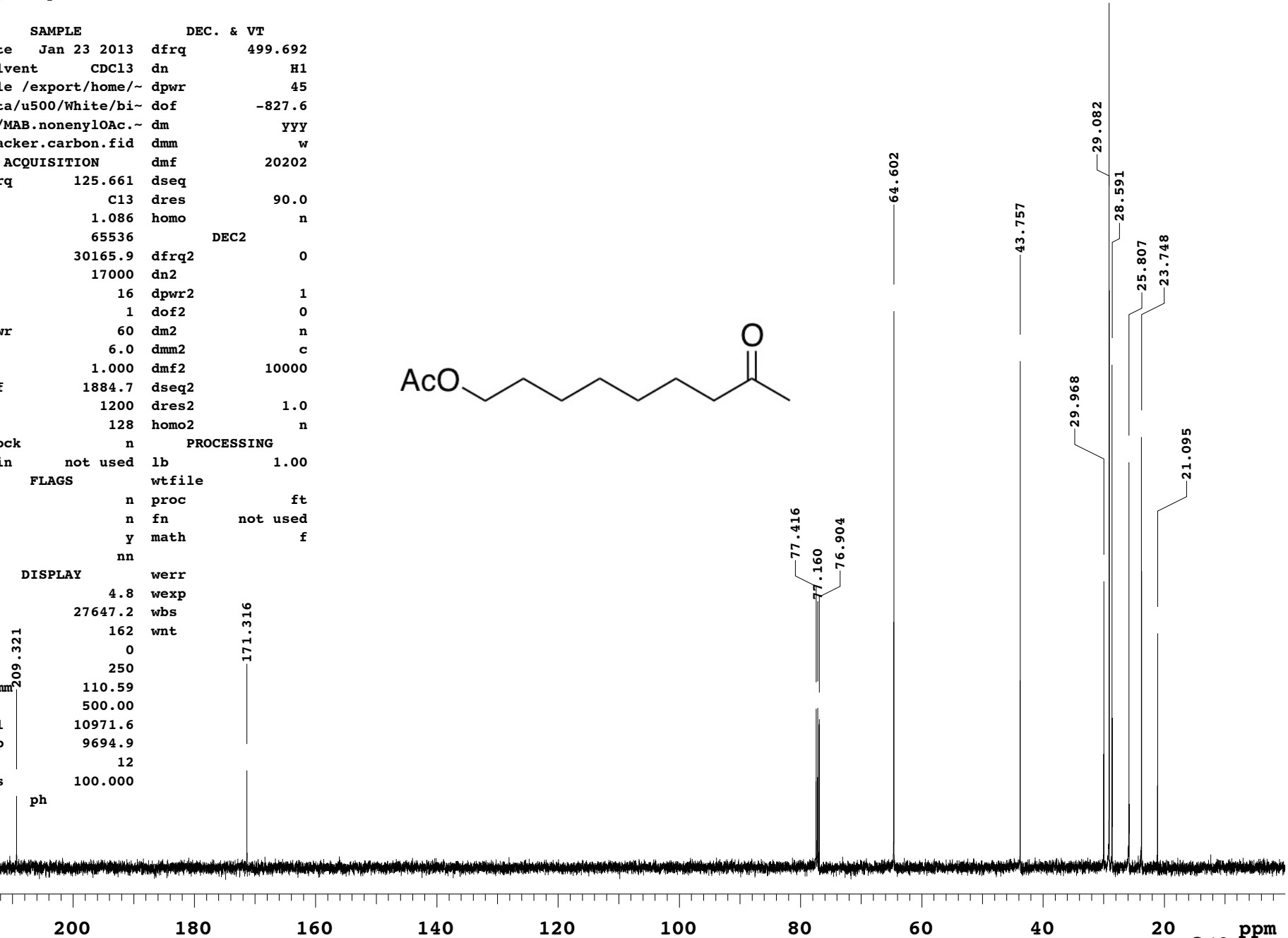
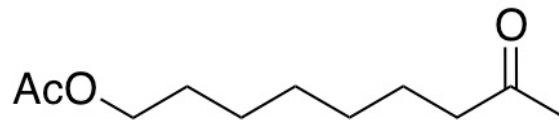
DISPLAY			
sp	-1041.9	wexp	
wp	7051.0	wbs	
vs	50	wnt	
sc	0		
wc	250		
hzmm	28.20		
is	33.57		
rfl	5141.1		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		





expl s2pul

SAMPLE		DEC. & VT	
date	Jan 23 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	45
data/u500/White/bi~	dof	-827.6	
gi/MAB.nonenylOAc.~	dm	YYY	
Wacker.carbon.fid	dmm	w	
ACQUISITION		dmf	
sfrq	125.661	dseq	20202
tn	C13	dres	90.0
at	1.086	homo	n
np	65536	DEC2	
sw	30165.9	dfrq2	0
fb	17000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	60	dm2	n
pw	6.0	dmm2	c
d1	1.000	dmf2	10000
tof	1884.7	dseq2	
nt	1200	dres2	1.0
ct	128	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	4.8	wexp	
wp	27647.2	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	110.59		
is	500.00		
rfl	10971.6		
rfp	9694.9		
th	12		
ins	100.000		
nm	ph		



expl s2pul

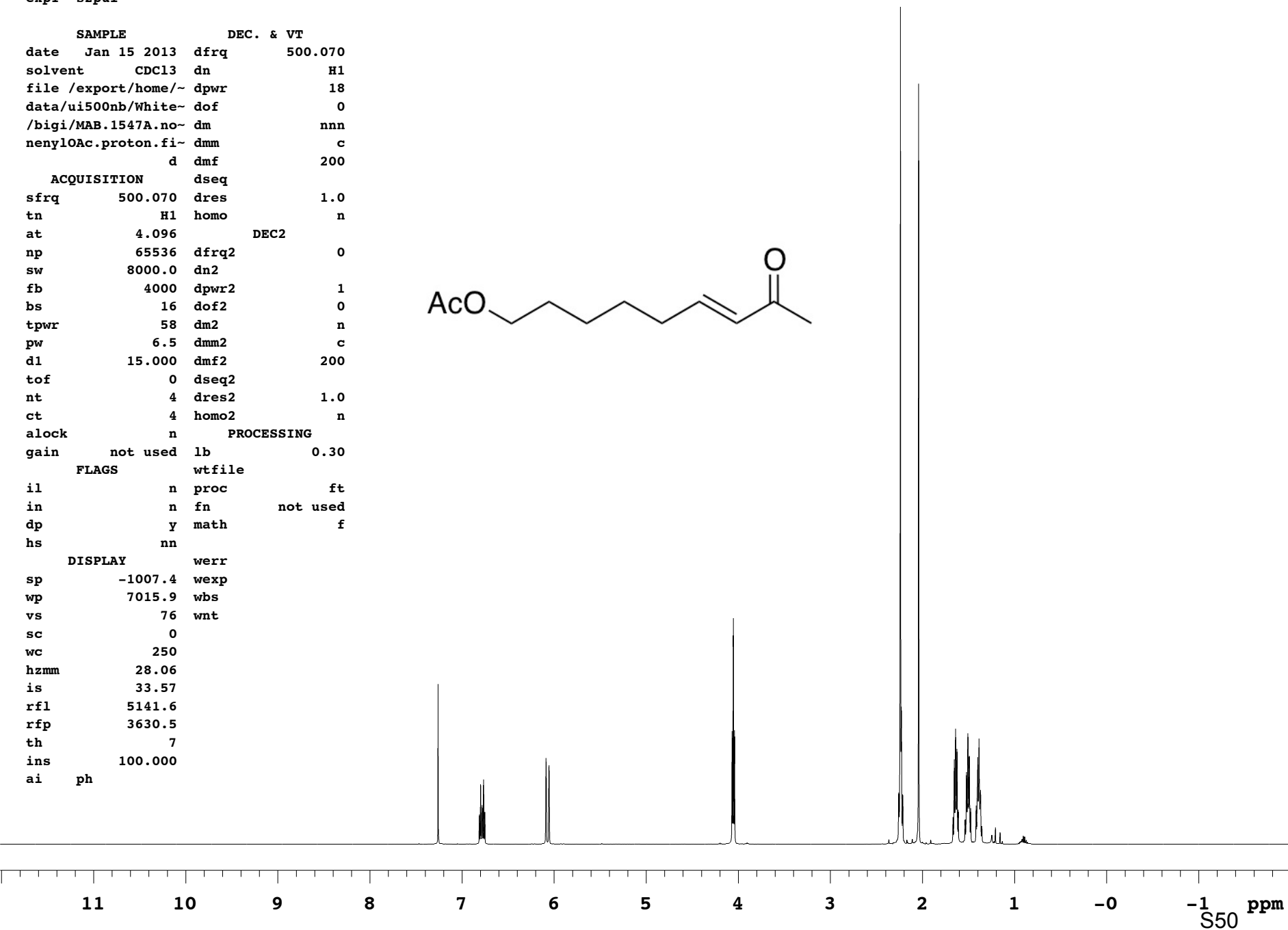
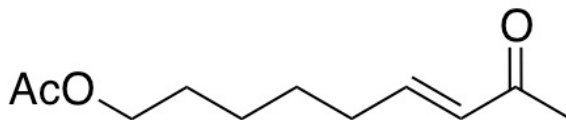
SAMPLE		DEC. & VT	
date	Jan 15 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1547A.no~		dm	nnn
nenyloAc.proton.fi~		dmm	c
		d	dmf
			200

ACQUISITION			
sfrq	500.070	dres	1.0
tn	H1	homo	n
at	4.096	DEC2	
np	65536	dfrq2	0
sw	8000.0	dn2	
fb	4000	dpwr2	1
bs	16	dof2	0
tpwr	58	dm2	n
pw	6.5	dmm2	c
d1	15.000	dmf2	200
tof	0	dseq2	
nt	4	dres2	1.0
ct	4	homo2	n

PROCESSING			
alock	n	lb	0.30
gain	not used		

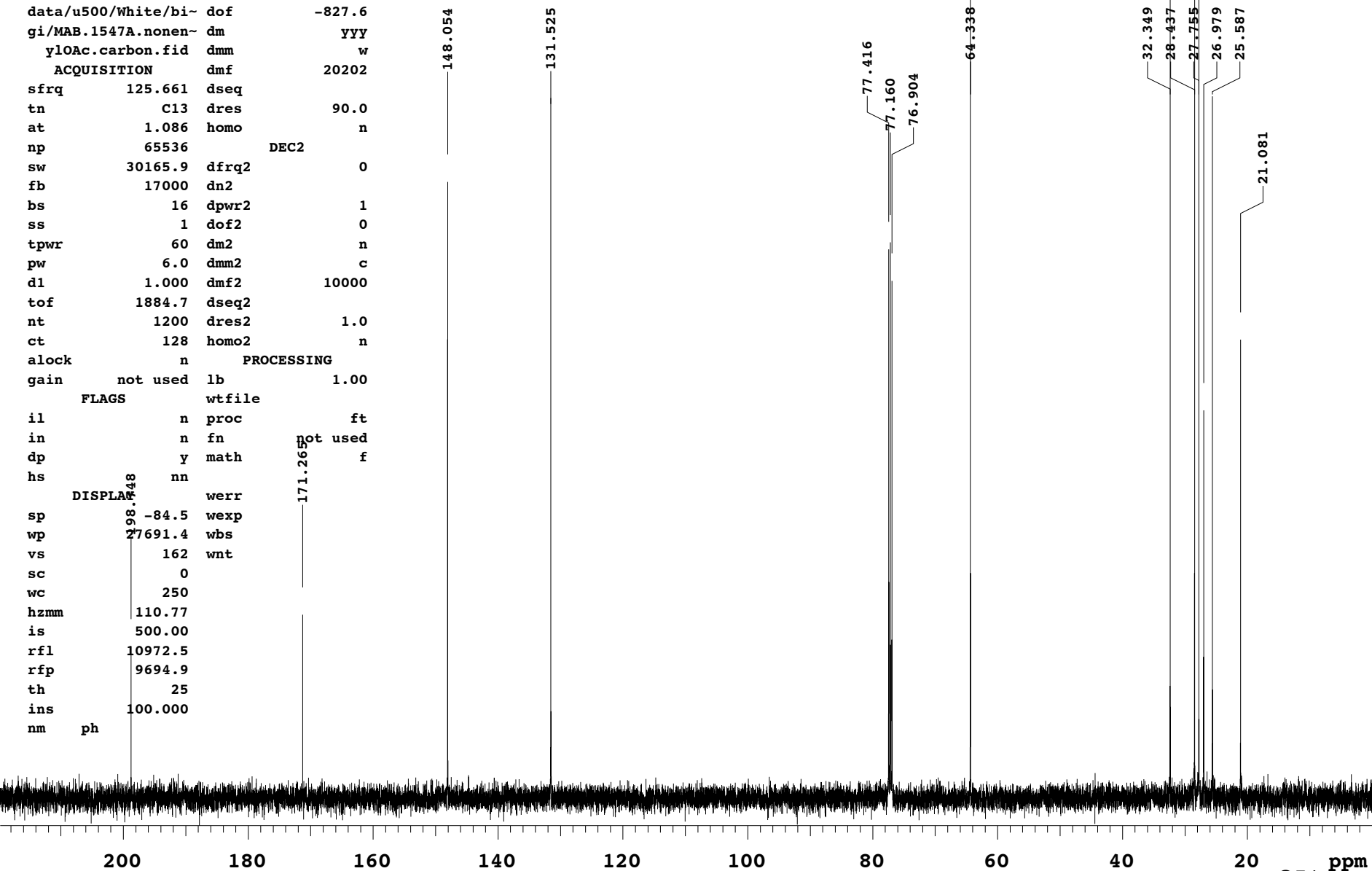
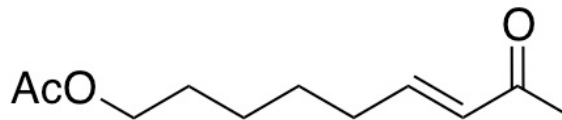
FLAGS			
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		

DISPLAY		
sp	-1007.4	wexp
wp	7015.9	wbs
vs	76	wnt
sc	0	
wc	250	
hzmm	28.06	
is	33.57	
rfl	5141.6	
rfp	3630.5	
th	7	
ins	100.000	
ai	ph	



expl s2pul

SAMPLE		DEC. & VT	
date	Jan 15 2013	dfrq	499.692
solvent	CDCl3	dn	H1
file	/export/home/~	dpwr	45
data/u500/White/bi-	dof	-827.6	
gi/MAB.1547A.nonen-	dm	YYY	
ylOAc.carbon.fid	dmm	w	
ACQUISITION		dmf	20202
sfrq	125.661	dseq	
tn	C13	dres	90.0
at	1.086	homo	n
np	65536	DEC2	
sw	30165.9	dfrq2	0
fb	17000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	60	dm2	n
pw	6.0	dmm2	c
d1	1.000	dmf2	10000
tof	1884.7	dseq2	
nt	1200	dres2	1.0
ct	128	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	80	wexp	
wp	27691.4	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	110.77		
is	500.00		
rfl	10972.5		
rfp	9694.9		
th	25		
ins	100.000		
nm	ph		



MAB.1453A.phenylbutene.proton

expl s2pul

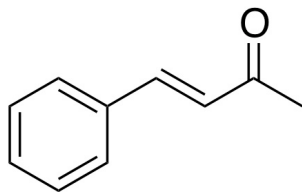
SAMPLE		DEC. & VT	
date	Jan 9 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1453A.ph~		dm	nnn
enylbutene.proton.~		dmm	c
	fid	dmf	200

ACQUISITION		dseq	
sfrq	500.070	dres	1.0
tn	H1	homo	n
at	4.096	DEC2	
np	65536	dfrq2	0
sw	8000.0	dn2	
fb	4000	dpwr2	1
bs	16	dof2	0
tpwr	58	dm2	n
pw	6.5	dmm2	c
d1	15.000	dmf2	200
tof	0	dseq2	
nt	8	dres2	1.0
ct	8	homo2	n

PROCESSING		lb	
alock	n		0.30
gain	not used		

FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		

DISPLAY		werr	
sp	-995.2	wexp	
wp	6969.0	wbs	
vs	49	wnt	
sc	0		
wc	250		
hzmm	27.88		
is	33.57		
rfl	5141.1		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		



11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

expl s2pul

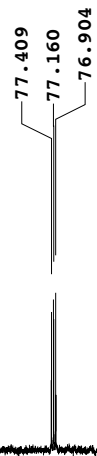
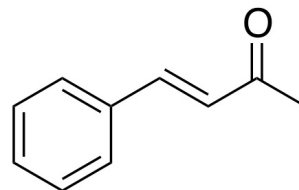
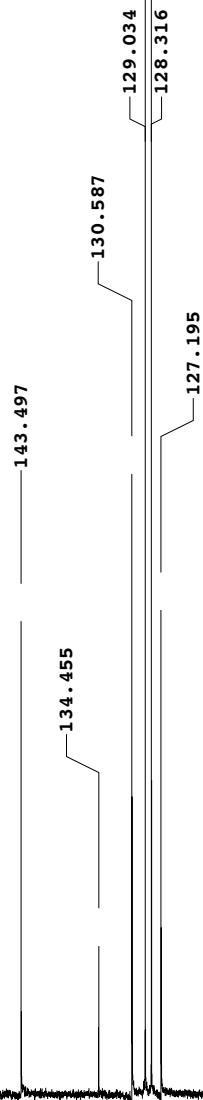
SAMPLE DEC. & VT  
 date Jan 9 2013 dfrq 499.692  
 solvent CDCl3 dn H1  
 file /export/home/~ dpwr 45  
 data/u500/White/bi- dof -827.6  
 gi/MAB.1453A.pheny- dm YYY  
 lbutene.carbon.fid dmm w  
 ACQUISITION dmf 20202

sfrq 125.661 dseq  
 tn C13 dres 90.0  
 at 1.086 homo n  
 np 65536 DEC2  
 sw 30165.9 dfrq2 0  
 fb 17000 dn2  
 bs 16 dpwr2 1  
 ss 1 dof2 0  
 tpwr 60 dm2 n  
 pw 6.0 dmm2 c  
 dl 1.000 dmf2 10000  
 tof 1884.7 dseq2  
 nt 1200 dres2 1.0  
 ct 96 homo2 n

alock n PROCESSING  
 gain not used lb 1.00

FLAGS wtfile  
 il n proc ft  
 in n fn not used  
 dp y math f  
 hs nn

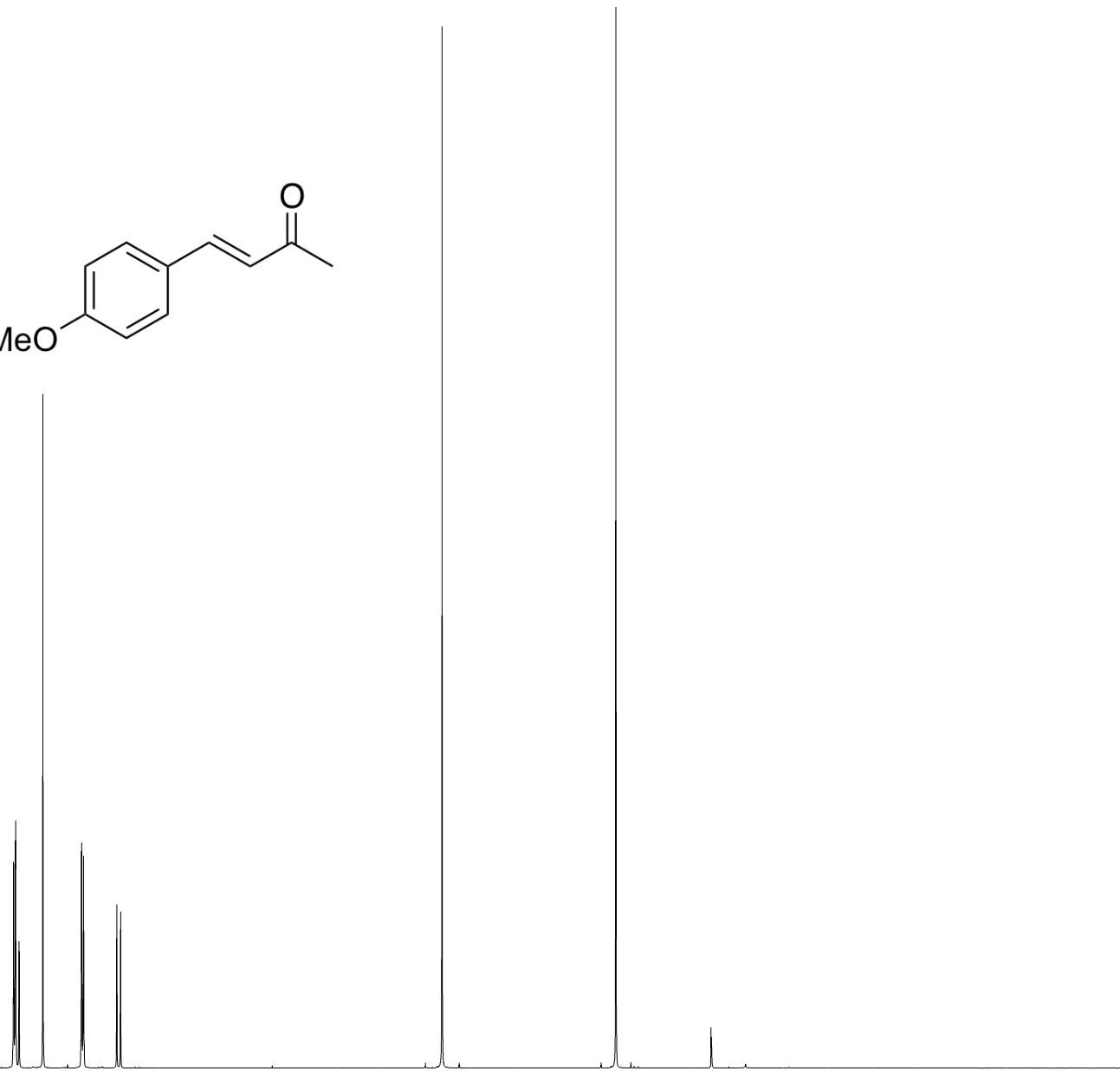
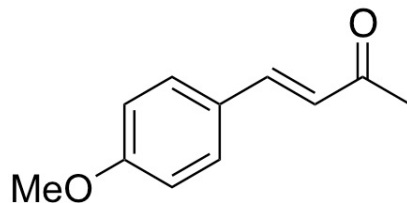
DISPLAY werr  
 sp -1.6 wexp  
 wp 27647.2 wbs  
 vs 162 wnt  
 sc 0  
 wc 250  
 hzmm 10.59  
 is 500.00  
 rfl 10978.0  
 rfp 9694.9  
 th 9  
 ins 100.000  
 nm ph



200 180 160 140 120 100 80 60 40 20 ppm

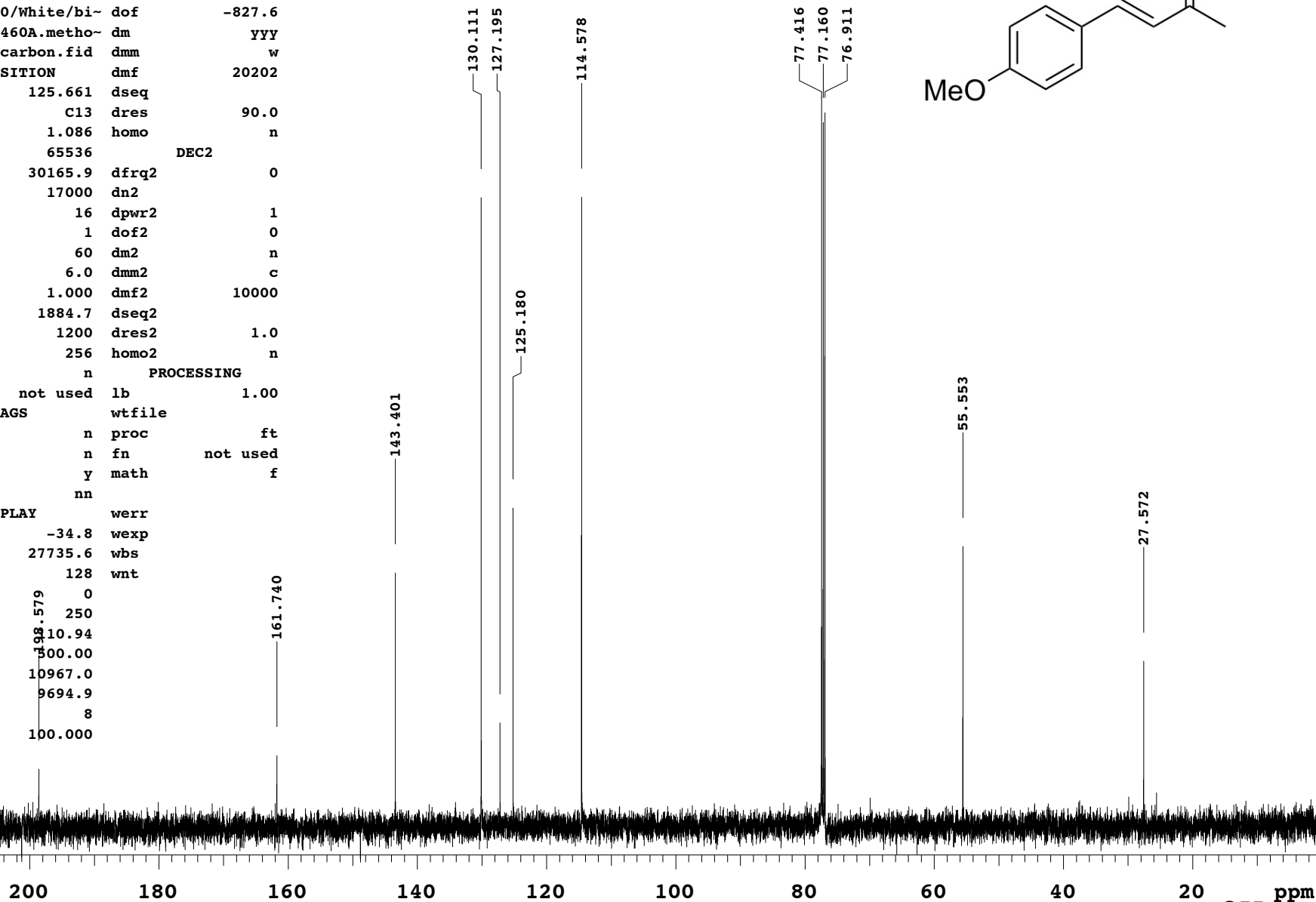
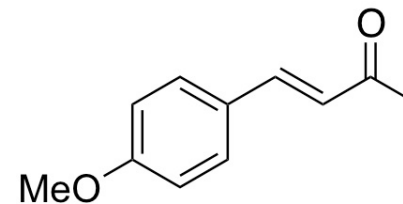
expl s2pul

SAMPLE		DEC. & VT	
date	Jan 10 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1460A.me~		dm	nnn
thoxy.proton.fid		dmm	c
ACQUISITION		dmf	200
sfrq	500.070	dseq	
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	15.000	dmm2	c
tof	0	dmf2	200
nt	8	dseq2	
ct	8	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	
FLAGS		lb	0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f
DISPLAY			
sp	-995.2	werr	
wp	6992.4	wexp	
vs	31	wbs	
sc	0	wnt	
wc	250		
hzmm	27.97		
is	33.57		
rfl	5141.1		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		



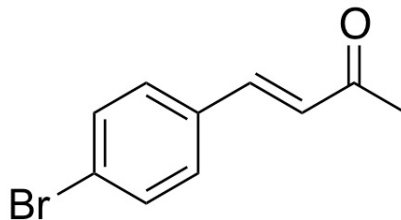
expl s2pul

SAMPLE		DEC. & VT	
date	Jan 10 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	45
data/u500/White/bi-		dof	-827.6
gi/MAB.1460A.metho-		dm	YYY
xy.carbon.fid		dmm	w
ACQUISITION		dmf	
sfrq	125.661	dseq	20202
tn	C13	dres	90.0
at	1.086	homo	n
np	65536	DEC2	
sw	30165.9	dfrq2	0
fb	17000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	60	dm2	n
pw	6.0	dmm2	c
d1	1.000	dmf2	10000
tof	1884.7	dseq2	
nt	1200	dres2	1.0
ct	256	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	-34.8	wexp	
wp	27735.6	wbs	
vs	128	wnt	
sc	0		
wc	250		
hzmm	10.94		
is	300.00		
rfl	10967.0		
rfp	9694.9		
th	8		
ins	100.000		
nm	ph		



expl s2pul

SAMPLE		DEC. & VT	
date	Jan 10 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~	dof		0
/bigi/MAB.1462A.br~	dm	nnn	
omo.proton.fid	dmm	c	
ACQUISITION			
sfrq	500.070	dseq	
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	15.000	dmm2	c
tof	0	dmf2	200
nt	8	dseq2	
ct	8	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	
FLAGS	lb		0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f
DISPLAY			
sp	-1019.4	werr	
wp	7027.6	wexp	
vs	33	wbs	
sc	0	wnt	
wc	250		
hzmm	28.11		
is	33.57		
rfl	5141.8		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		

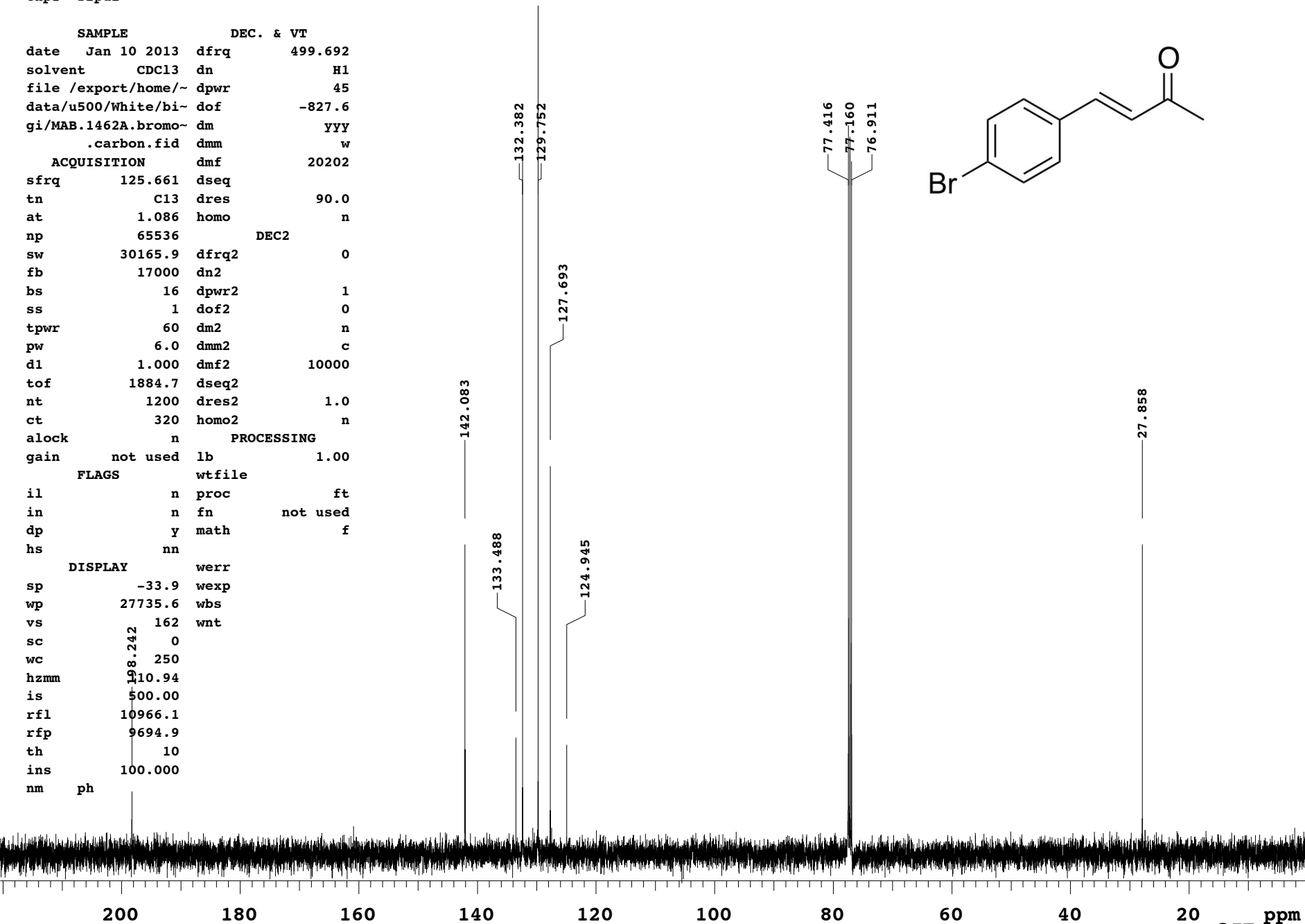
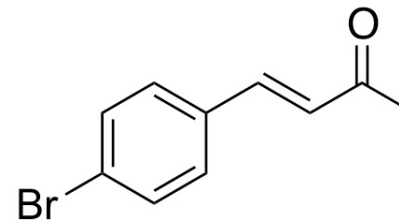


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm



expl s2pul

SAMPLE		DEC. & VT	
date	Jan 10 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	45
data/u500/White/bi-	dof	-827.6	
gi/MAB.1462A.bromo-	dm	YYY	
.carbon.fid	dmm	w	
ACQUISITION		dmf	
sfrq	125.661	dseq	20202
tn	C13	dres	90.0
at	1.086	homo	n
np	65536	DEC2	
sw	30165.9	dfrq2	0
fb	17000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	60	dm2	n
pw	6.0	dmm2	c
d1	1.000	dmf2	10000
tof	1884.7	dseq2	
nt	1200	dres2	1.0
ct	320	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	-33.9	wexp	
wp	27735.6	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	10.94		
is	500.00		
rfl	10966.1		
rfp	9694.9		
th	10		
ins	100.000		
nm	ph		



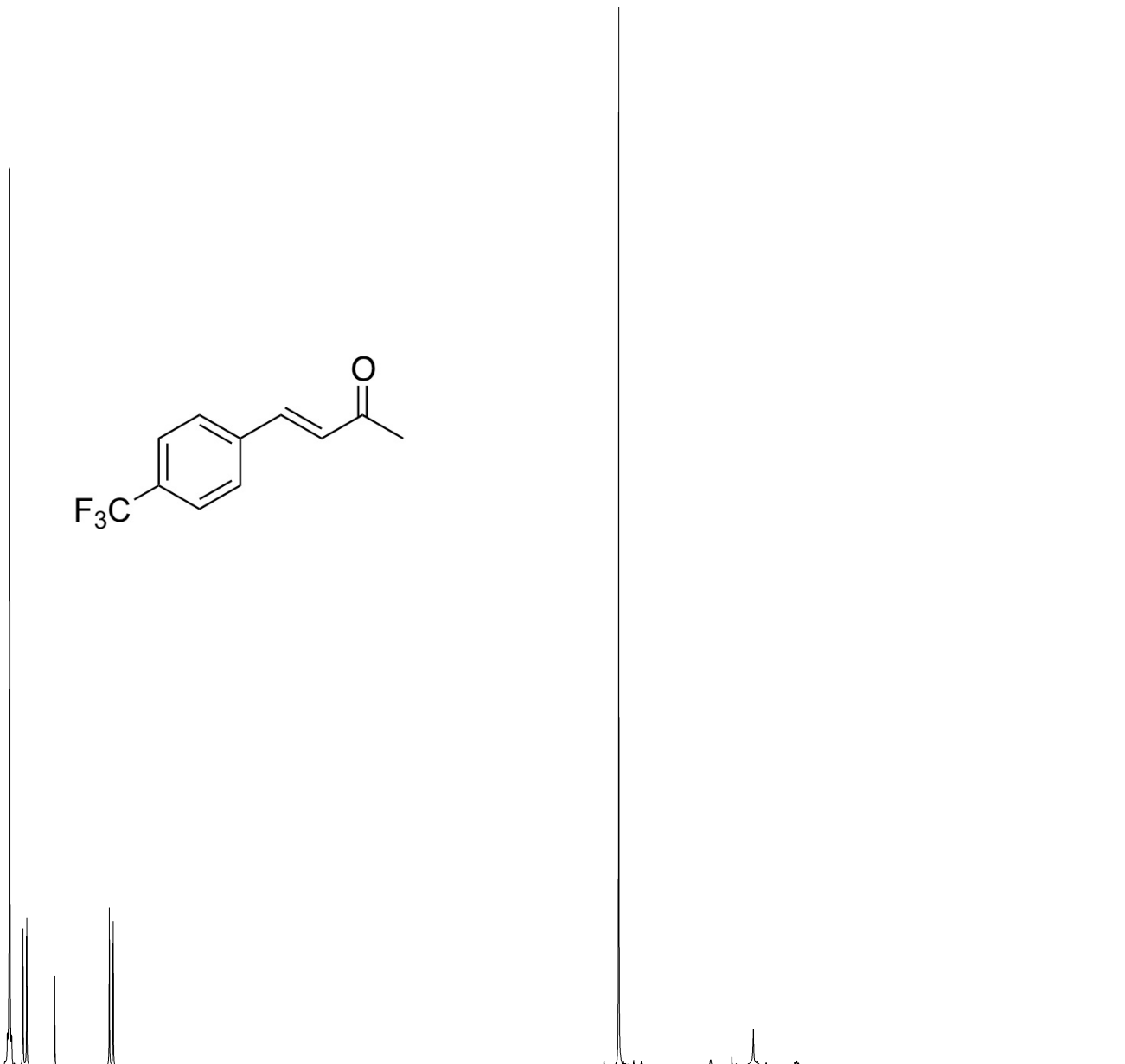
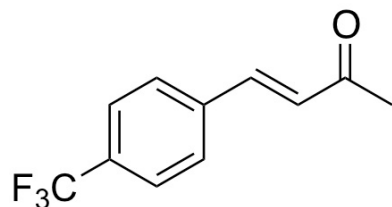
expl s2pul

SAMPLE		DEC. & VT	
date	Jan 11 2013	dfrq	499.693
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	20
data/u500/White/bi~	dof		0
gi/MAB.1576A.CF3.p~	dm	nnn	
roton.fid	dmm	c	

ACQUISITION			
sfrq	499.693	dseq	
tn	H1	dres	1.0
at	4.665	homo	n
np	65536	DEC2	
sw	7024.9	dfrq2	0
fb	4000	dn2	
bs	4	dpwr2	1
tpwr	60	dof2	0
pw	6.5	dm2	n
d1	15.000	dmm2	c
tof	2.0	dmf2	200
nt	4	dseq2	
ct	4	dres2	1.0
alock	n	homo2	n

PROCESSING			
gain	not used	lb	0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f

DISPLAY			
sp	-1012.4	werr	
wp	7024.7	wexp	
vs	24	wbs	
sc	0	wnt	
wc	250		
hzmm	4.57		
is	33.57		
rfl	4640.3		
rfp	3627.8		
th	7		
ins	100.000		
ai	ph		

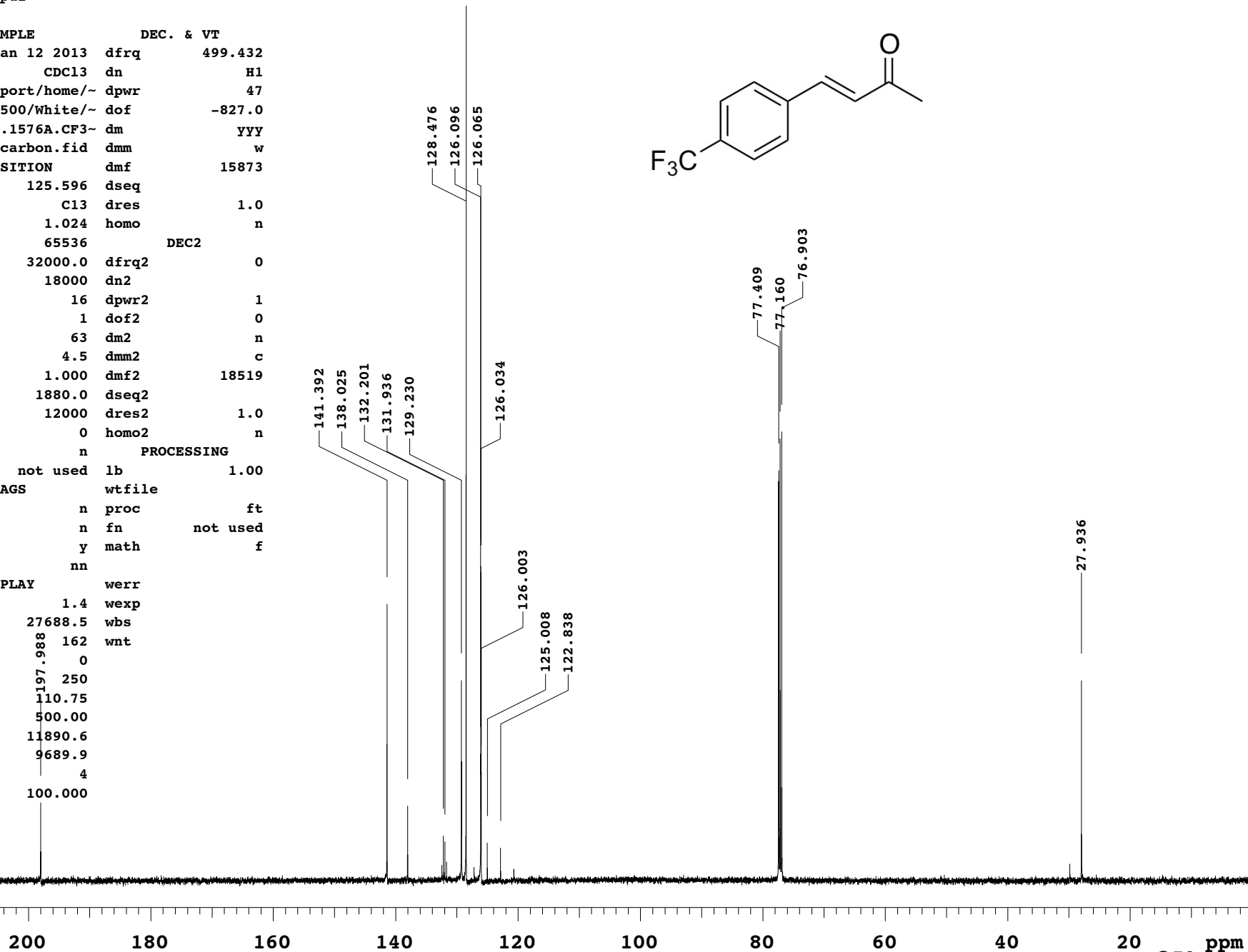
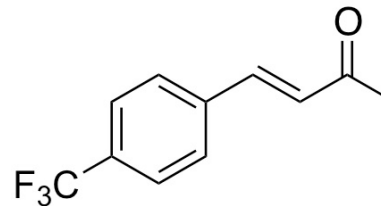


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S58

expl s2pul

SAMPLE		DEC. & VT	
date	Jan 12 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	47
data/vxr500/White/~		dof	-827.0
bigi/MAB.1576A.CF3~		dm	YYY
.carbon.fid		dmm	w
ACQUISITION		dmf	
sfrq	125.596	dseq	15873
tn	C13	dres	1.0
at	1.024	homo	n
np	65536	DEC2	
sw	32000.0	dfrq2	0
fb	18000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	63	dm2	n
pw	4.5	dmm2	c
d1	1.000	dmf2	18519
tof	1880.0	dseq2	
nt	12000	dres2	1.0
ct	0	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	1.4	wexp	
wp	27688.5	wbs	
vs	197.988	wnt	
sc	0		
wc	250		
hzmm	110.75		
is	500.00		
rfl	11890.6		
rfp	9689.9		
th	4		
ins	100.000		
nm	ph		



expl s2pul

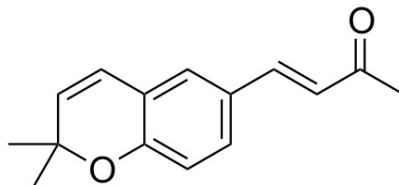
SAMPLE		DEC. & VT	
date	Jan 14 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1553A.be~		dm	nnn
nzopyran.proton.fi~		dmm	c
		d	dmf
			200

ACQUISITION			
sfrq	500.070	dres	1.0
tn	H1	homo	n
at	4.096	DEC2	
np	65536	dfrq2	0
sw	8000.0	dn2	
fb	4000	dpwr2	1
bs	16	dof2	0
tpwr	58	dm2	n
pw	6.5	dmm2	c
d1	15.000	dmf2	200
tof	0	dseq2	
nt	8	dres2	1.0
ct	8	homo2	n

PROCESSING			
alock	n	lb	0.30
gain	not used		

FLAGS			
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		

DISPLAY			
sp	-972.0	wexp	
wp	6957.3	wbs	
vs	24	wnt	
sc	0		
wc	250		
hzmm	27.83		
is	33.57		
rfl	1510.9		
rfp	0		
th	7		
ins	100.000		
ai	ph		

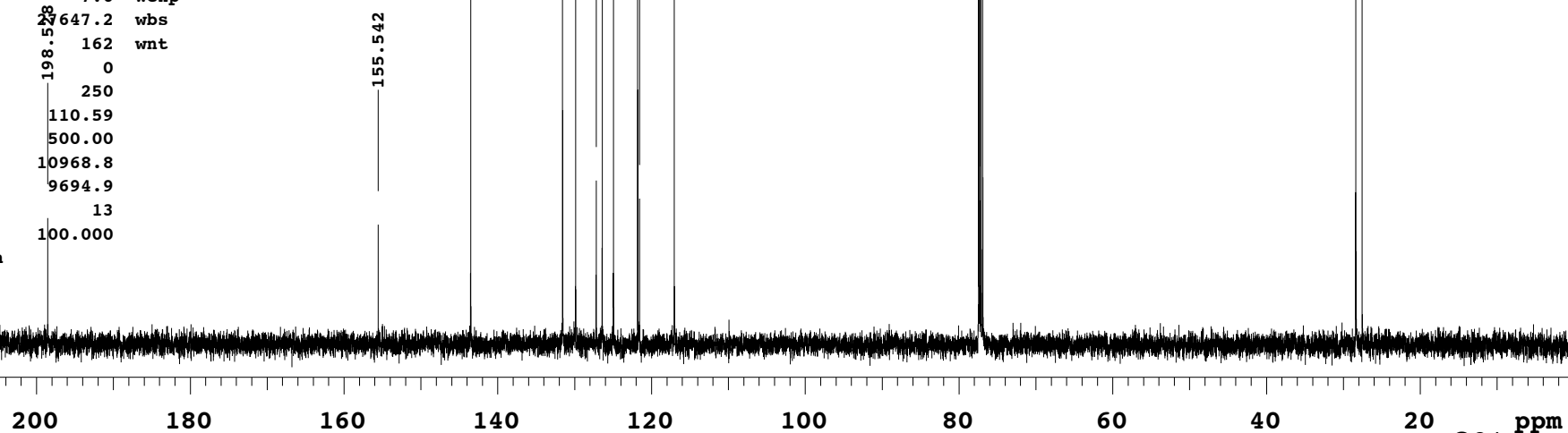
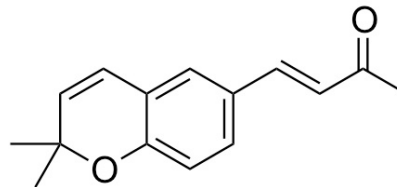


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S60

expl s2pul

SAMPLE		DEC. & VT	
date	Jan 14 2013	dfrq	499.692
solvent	CDCl3	dn	H1
file	/export/home/~	dpwr	45
data/u500/White/bi-	dof	-827.6	
gi/MAB.1553A.benzo-	dm	YYY	
pyran.carbon.fid	dmm	w	
ACQUISITION		dmf	
sfrq	125.661	dseq	
tn	C13	dres	90.0
at	1.086	homo	n
np	65536	DEC2	
sw	30165.9	dfrq2	0
fb	17000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	60	dm2	n
pw	6.0	dmm2	c
d1	1.000	dmf2	10000
tof	1884.7	dseq2	
nt	1200	dres2	1.0
ct	192	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	7.6	wexp	
wp	647.2	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	110.59		
is	500.00		
rfl	10968.8		
rfp	9694.9		
th	13		
ins	100.000		
nm	ph		



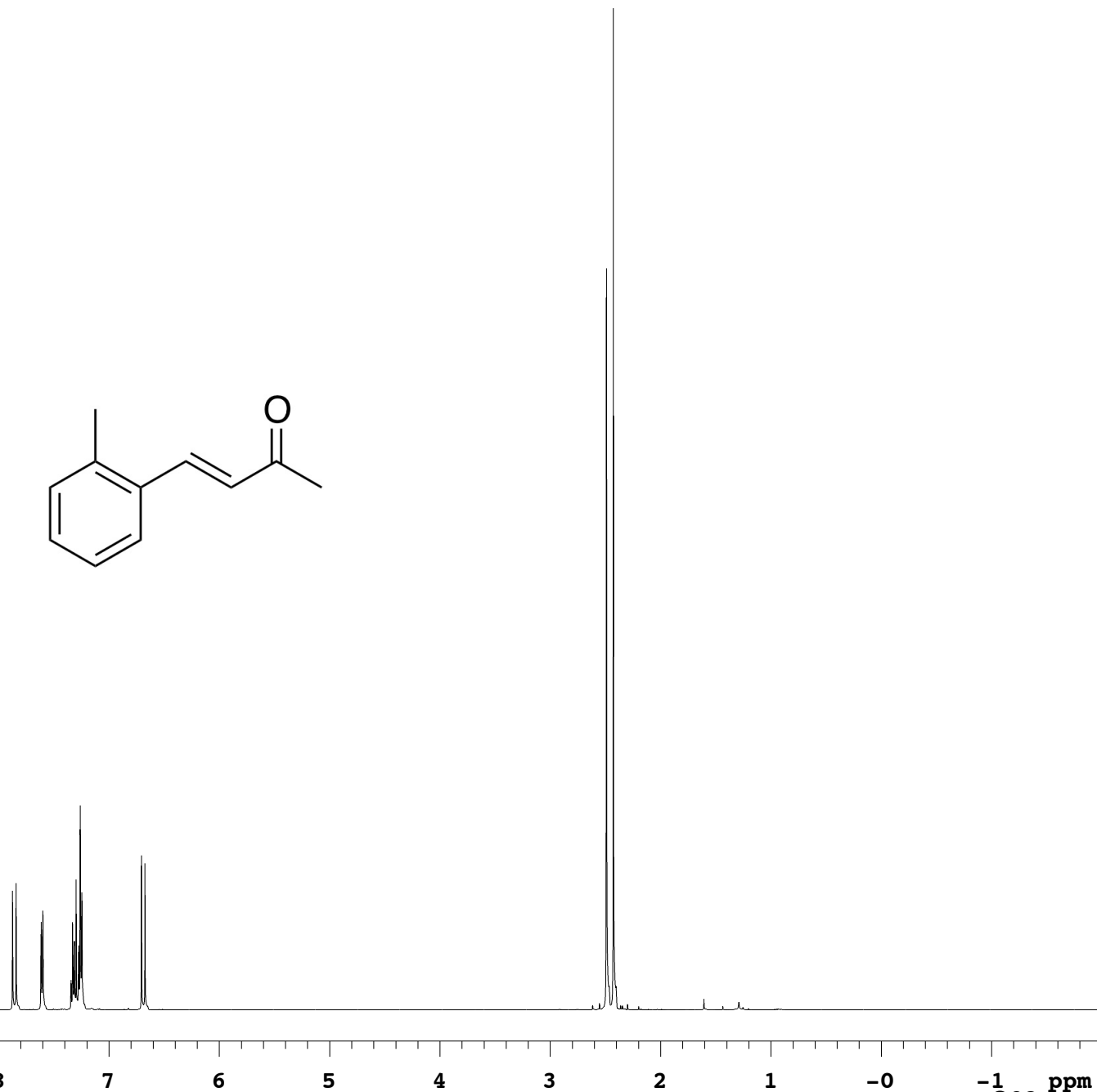
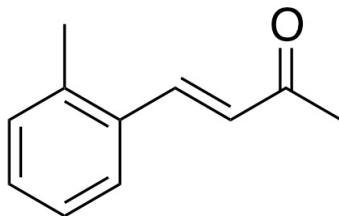
expl s2pul

SAMPLE		DEC. & VT	
date	Jan 14 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1513A.or~		dm	nnn
thoMe.proton.fid		dmm	c

ACQUISITION			
sfrq	500.070	dseq	
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	15.000	dmm2	c
tof	0	dmf2	200
nt	4	dseq2	
ct	4	dres2	1.0
alock	n	homo2	n

PROCESSING			
gain	not used	lb	0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f

DISPLAY			
sp	-1000.9	werr	
wp	7004.2	wexp	
vs	44	wbs	
sc	0	wnt	
wc	250		
hzmm	28.02		
is	33.57		
rfl	5123.3		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		

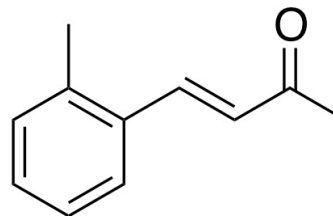


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

expl s2pul

SAMPLE		DEC. & VT	
date	Jan 14 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	47
data/vxr500/White/~	dof	-827.0	
bigi/MAB.1513A.ort-	dm	YYY	
hoMe.carbon.fid	dmm	w	
ACQUISITION			
sfrq	125.596	dseq	
tn	C13	dres	1.0
at	1.024	homo	n
np	65536	DEC2	
sw	32000.0	dfrq2	0
fb	18000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	63	dm2	n
pw	4.5	dmm2	c
d1	1.000	dmf2	18519
tof	1880.0	dseq2	
nt	1200	dres2	1.0
ct	128	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	194.9	wexp	
wp	27829.1	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	111.32		
is	500.00		
rfl	11899.4		
rfp	9689.9		
th	16		
ins	100.000		
nm	ph		

140.887  
137.916  
133.437  
130.941  
130.296  
128.165  
126.508  
126.470



77.409  
77.152  
76.896

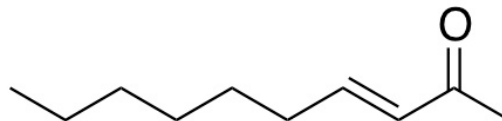
27.858

19.833

200 180 160 140 120 100 80 60 40 20 ppm

expl s2pul

SAMPLE		DEC. & VT	
date	Jan 9 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1443A.de-		dm	nnn
cene.proton.fid		dmm	c
ACQUISITION		dmf	
sfrq	500.070	dseq	200
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	15.000	dmm2	c
tof	0	dof2	200
nt	8	dseq2	
ct	8	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	
FLAGS	lb		0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f
DISPLAY			
sp	-995.5	werr	
wp	6992.4	wexp	
vs	44	wbs	
sc	0	wnt	
wc	250		
hzmm	27.97		
is	33.57		
rfl	1510.9		
rfp	0		
th	7		
ins	100.000		
ai	ph		



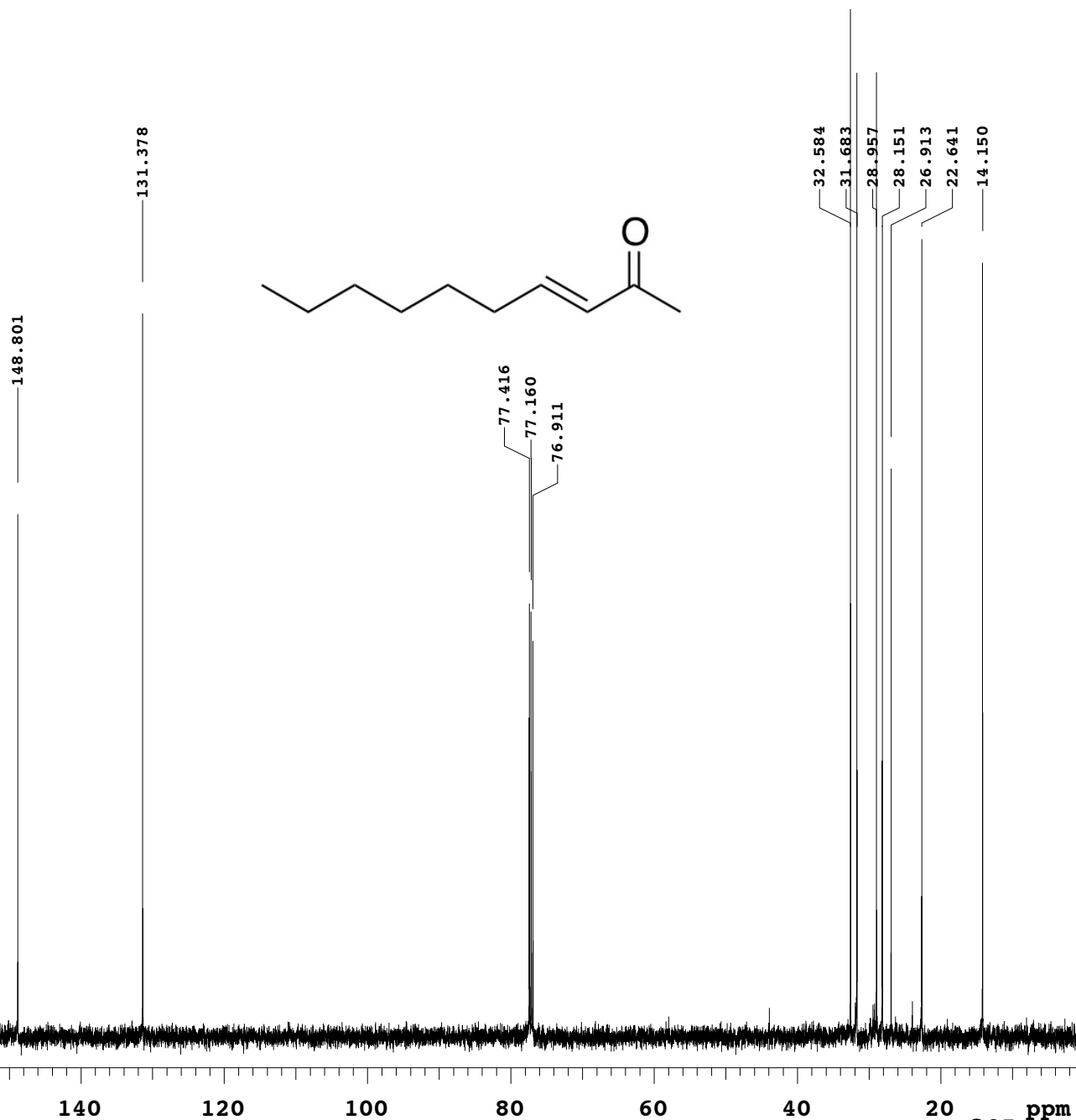
11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S64



expl s2pul

SAMPLE		DEC. & VT	
date	Jan 9 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	45
data/u500/White/bi-	dof	-827.6	
gi/MAB.1443A.decen-	dm	YYY	
e.carbon.fid	dmm	w	
ACQUISITION		dmf	20202
sfrq	125.661	dseq	
tn	C13	dres	90.0
at	1.086	homo	n
np	65536	DEC2	
sw	30165.9	dfrq2	0
fb	17000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	60	dm2	n
pw	6.0	dmm2	c
d1	1.000	dmf2	10000
tof	1884.7	dseq2	
nt	1200	dres2	1.0
ct	144	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	50.8	wexp	
wp	28779.7	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	111.12		
is	500.00		
rfl	10969.8		
rfp	9694.9		
th	16		
ins	100.000		
nm	ph		



200 180 160 140 120 100 80 60 40 20 ppm

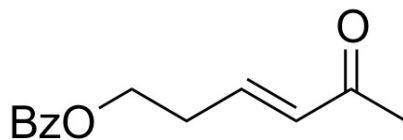
expl s2pul

SAMPLE		DEC. & VT	
date	Jan 16 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1445A.be~		dm	nnn
nzoate.proton.fid		dmm	c

ACQUISITION			
sfrq	500.070	dseq	
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	15.000	dmm2	c
tof	0	dmf2	200
nt	4	dseq2	
ct	4	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	

FLAGS			
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f

DISPLAY			
sp	-995.5	werr	
wp	6980.7	wexp	
vs	32	wbs	
sc	0	wnt	
wc	250		
hzmm	27.92		
is	33.57		
rfl	1510.9		
rfp	0		
th	7		
ins	100.000		
ai	ph		

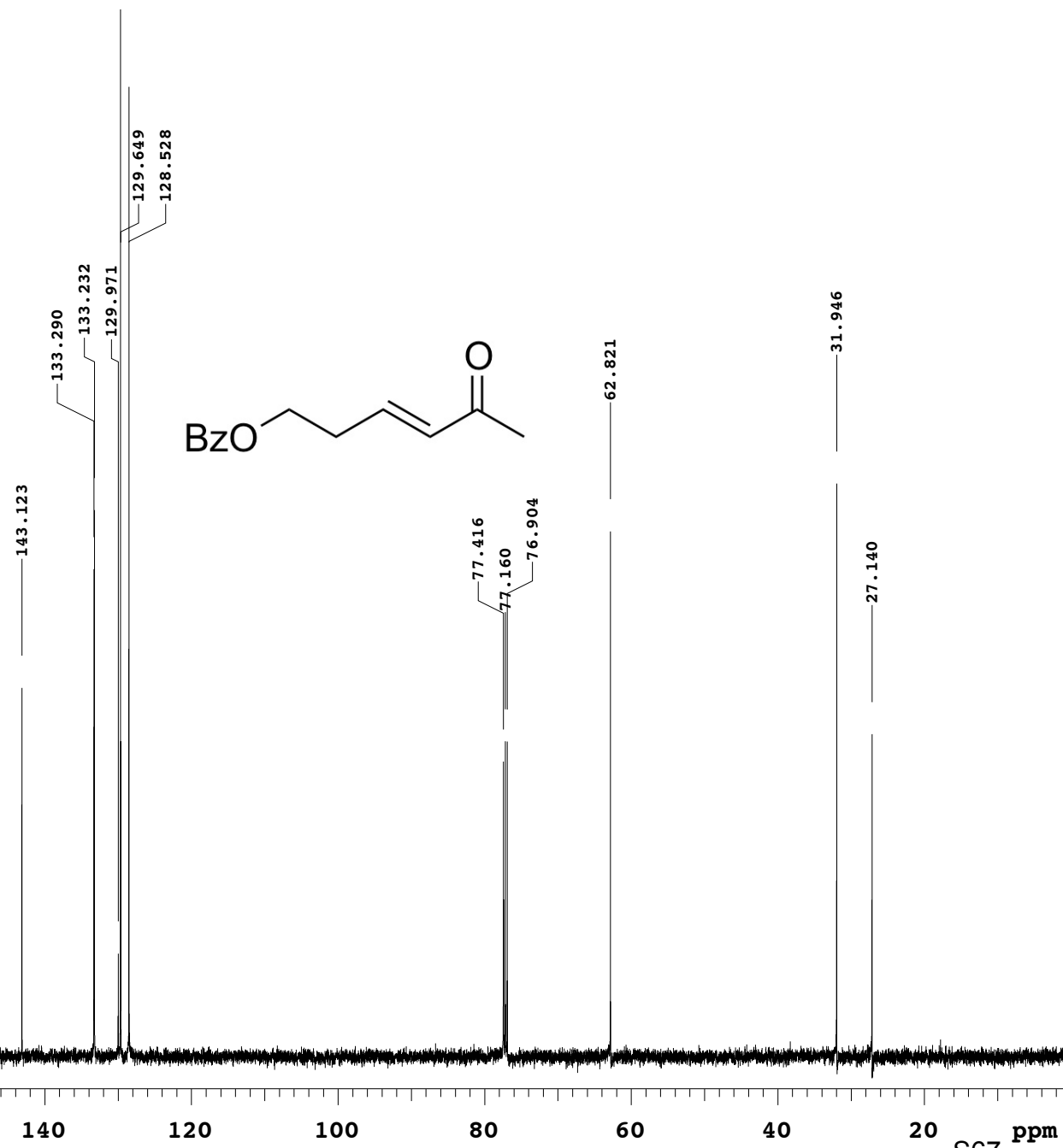


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S66

expl s2pul

SAMPLE		DEC. & VT	
date	Jan 16 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	45
data/u500/White/bi-	dof	-827.6	
gi/MAB.1445A.benzo-	dm	YYY	
ate.carbon.fid	dmm	w	
ACQUISITION		dmf	20202
sfrq	125.661	dseq	
tn	C13	dres	90.0
at	1.086	homo	n
np	65536	DEC2	
sw	30165.9	dfrq2	0
fb	17000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	60	dm2	n
pw	6.0	dmm2	c
d1	1.000	dmf2	10000
tof	1884.7	dseq2	
nt	1200	dres2	1.0
ct	128	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	47.2	wexp	
wp	27691.4	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	110.77		
is	500.00		
rfl	10973.4		
rfp	9694.9		
th	12		
ins	100.000		
nm	ph		



expl s2pul

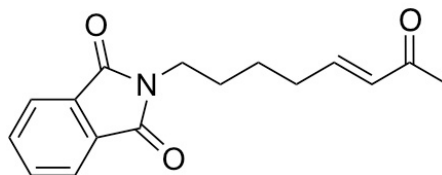
SAMPLE		DEC. & VT	
date	Jan 16 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1442A.ph~		dm	nnn
thalimide.proton.f~		dmm	c
		id	dmf
			200

ACQUISITION			
sfrq	500.070	dseq	1.0
tn	H1	homo	n
at	4.096	DEC2	
np	65536	dfrq2	0
sw	8000.0	dn2	
fb	4000	dpwr2	1
bs	16	dof2	0
tpwr	58	dm2	n
pw	6.5	dmm2	c
d1	15.000	dmf2	200
tof	0	dseq2	
nt	8	dres2	1.0
ct	8	homo2	n

PROCESSING			
alock	n	lb	0.30
gain	not used		

FLAGS			
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		

DISPLAY			
sp	-971.8	wexp	
wp	6980.7	wbs	
vs	42	wnt	
sc	0		
wc	250		
hzmm	27.92		
is	33.57		
rfl	1510.6		
rfp	0		
th	7		
ins	100.000		
ai	ph		



11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S68

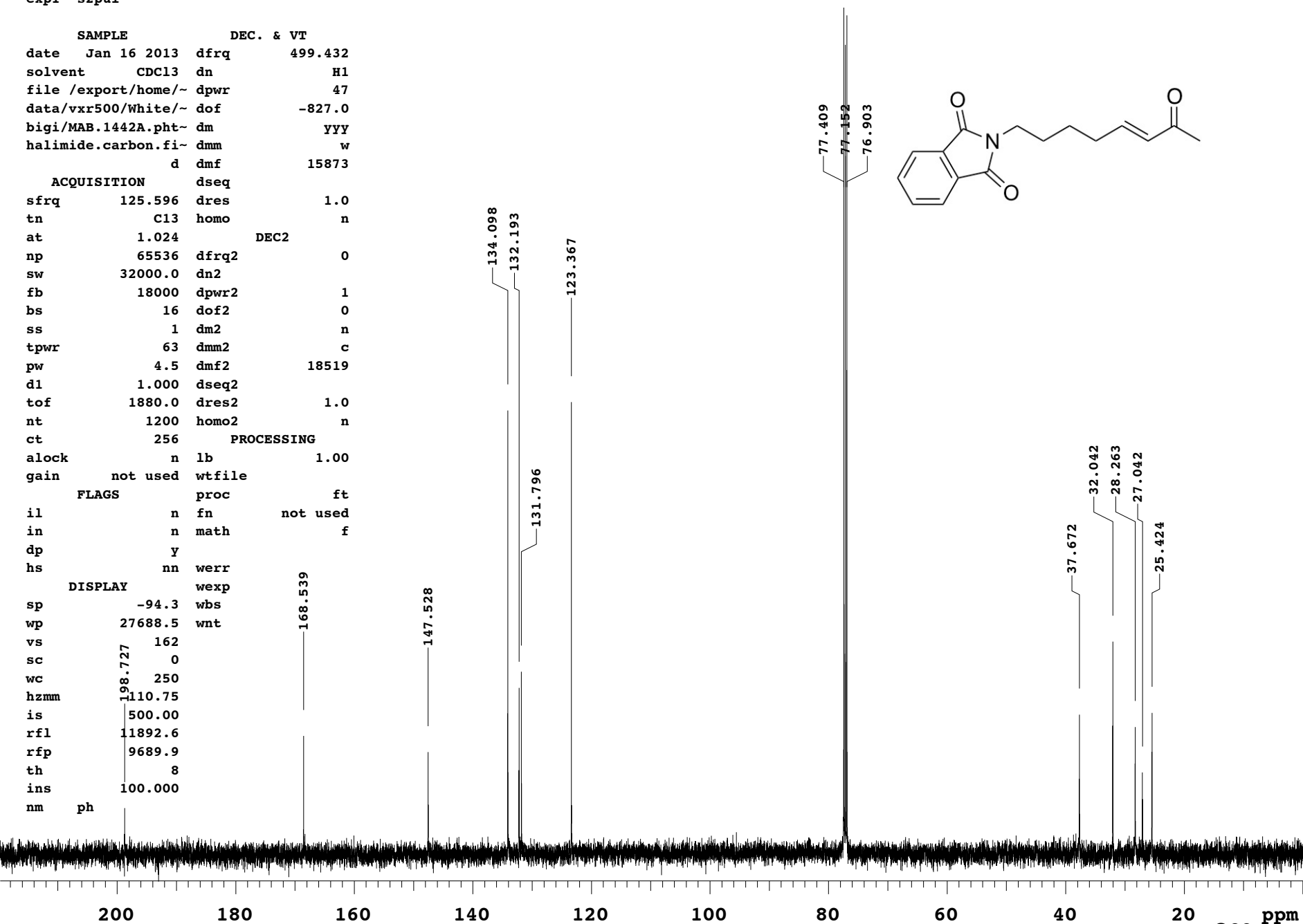
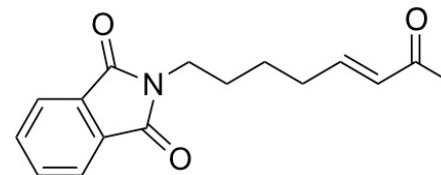
expl s2pul

SAMPLE DEC. & VT  
 date Jan 16 2013 dfrq 499.432  
 solvent CDC13 dn H1  
 file /export/home/~ dpwr 47  
 data/vxr500/White/~ dof -827.0  
 bigi/MAB.1442A.pht~ dm YYY  
 halimide.carbon.fi~ dmm w  
 d dmf 15873

ACQUISITION dseq  
 sfrq 125.596 dres 1.0  
 tn C13 homo n  
 at 1.024 DEC2  
 np 65536 dfrq2 0  
 sw 32000.0 dn2  
 fb 18000 dpwr2 1  
 bs 16 dof2 0  
 ss 1 dm2 n  
 tpwr 63 dmm2 c  
 pw 4.5 dmf2 18519  
 d1 1.000 dseq2  
 tof 1880.0 dres2 1.0  
 nt 1200 homo2 n  
 ct 256

PROCESSING  
 alock n lb 1.00  
 gain not used wtfile  
 FLAGS proc ft  
 il n fn not used  
 in n math f  
 dp Y  
 hs nn werr

DISPLAY wexp  
 sp -94.3 wbs  
 wp 27688.5 wnt  
 vs 162  
 sc 0  
 wc 250  
 hzmm 110.75  
 is 500.00  
 rfl 11892.6  
 rfp 9689.9  
 th 8  
 ins 100.000  
 nm ph



expl s2pul

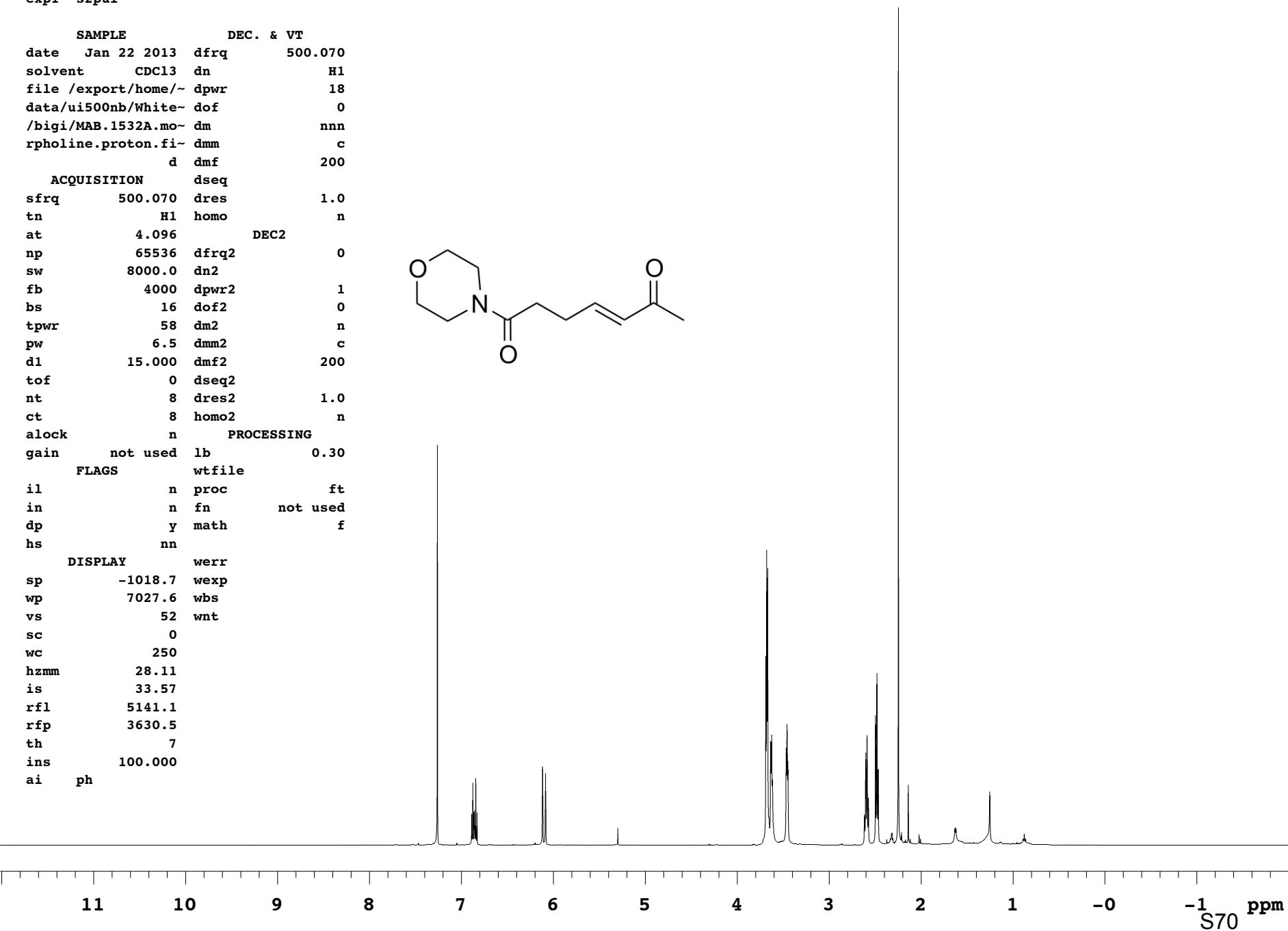
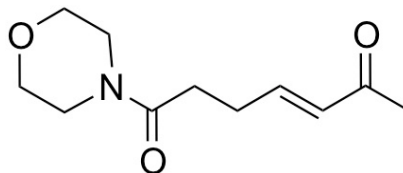
SAMPLE		DEC. & VT	
date	Jan 22 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1532A.mo~		dm	nnn
rpholine.proton.fi~		dmm	c
		d	dmf
			200

ACQUISITION			
sfrq	500.070	dseq	1.0
tn	H1	homo	n
at	4.096	DEC2	
np	65536	dfrq2	0
sw	8000.0	dn2	
fb	4000	dpwr2	1
bs	16	dof2	0
tpwr	58	dm2	n
pw	6.5	dmm2	c
d1	15.000	dmf2	200
tof	0	dseq2	
nt	8	dres2	1.0
ct	8	homo2	n

PROCESSING			
alock	n	lb	0.30
gain	not used		

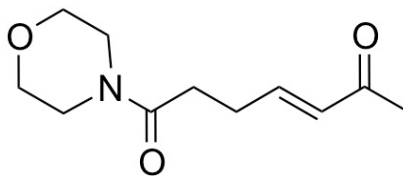
FLAGS			
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		

DISPLAY			
sp	-1018.7	wexp	
wp	7027.6	wbs	
vs	52	wnt	
sc	0		
wc	250		
hzmm	28.11		
is	33.57		
rfl	5141.1		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		



expl s2pul

SAMPLE		DEC. & VT	
date	Jan 22 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	45
data/u500/White/bi-	dof	-827.6	
gi/MAB.1532A.morph-	dm	YYY	
oline.carbon.fid	dmm	w	
ACQUISITION		dmf	20202
sfrq	125.661	dseq	
tn	C13	dres	90.0
at	1.086	homo	n
np	65536	DEC2	
sw	30165.9	dfrq2	0
fb	17000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	60	dm2	n
pw	6.0	dmm2	c
d1	1.000	dmf2	10000
tof	1884.7	dseq2	
nt	1200	dres2	1.0
ct	192	homo2	n
alock		PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	7.6	wexp	
wp	603.0	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	110.41		
is	500.00		
rfl	10968.8		
rfp	9694.9		
th	17		
ins	100.000		
nm	ph		



200 180 160 140 120 100 80 60 40 20 ppm

S71

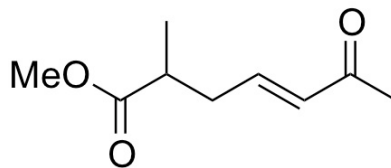
expl s2pul

SAMPLE		DEC. & VT	
date	Jan 23 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1536A.CH~		dm	nnn
3ester.proton.fid		dmm	c

ACQUISITION			
sfrq	500.070	dseq	
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	15.000	dmm2	c
tof	0	dmf2	200
nt	4	dseq2	
ct	4	dres2	1.0
alock	n	homo2	n

PROCESSING			
gain	not used	lb	0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f

DISPLAY			
sp	-1007.2	werr	
wp	7015.9	wexp	
vs	22	wbs	
sc	0	wnt	
wc	250		
hzmm	28.06		
is	33.57		
rfl	5141.4		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		

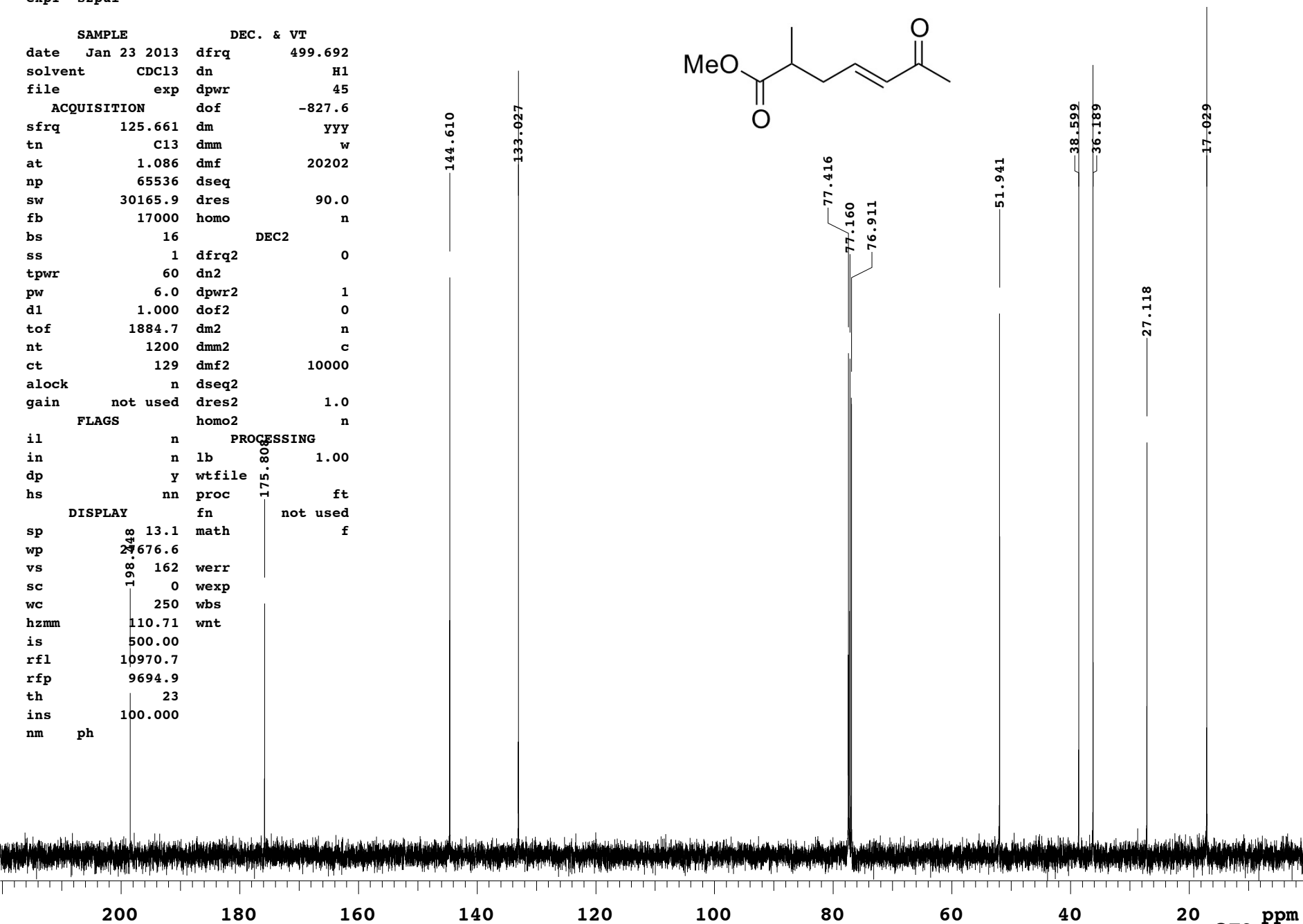
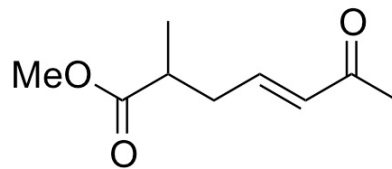


11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm



expl s2pul

SAMPLE		DEC. & VT	
date	Jan 23 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	exp	dpwr	45
ACQUISITION		dof	
sfrq	125.661	dm	YYY
tn	C13	dmm	w
at	1.086	dmf	20202
np	65536	dseq	
sw	30165.9	dres	90.0
fb	17000	homo	n
bs	16	DEC2	
ss	1	dfrq2	0
tpwr	60	dn2	
pw	6.0	dpwr2	1
d1	1.000	dof2	0
tof	1884.7	dm2	n
nt	1200	dmm2	c
ct	129	dmf2	10000
alock	n	dseq2	
gain	not used	dres2	1.0
FLAGS		homo2	
il	n	PROCESSING	
in	n	lb	1.00
dp	y	wtfiler	
hs	nn	proc	ft
DISPLAY		fn	
sp	13.1	math	f
wp	676.6		
vs	162	werr	
sc	0	wexp	
wc	250	wbs	
hzmm	110.71	wnt	
is	500.00		
rfl	10970.7		
rfp	9694.9		
th	23		
ins	100.000		
nm	ph		



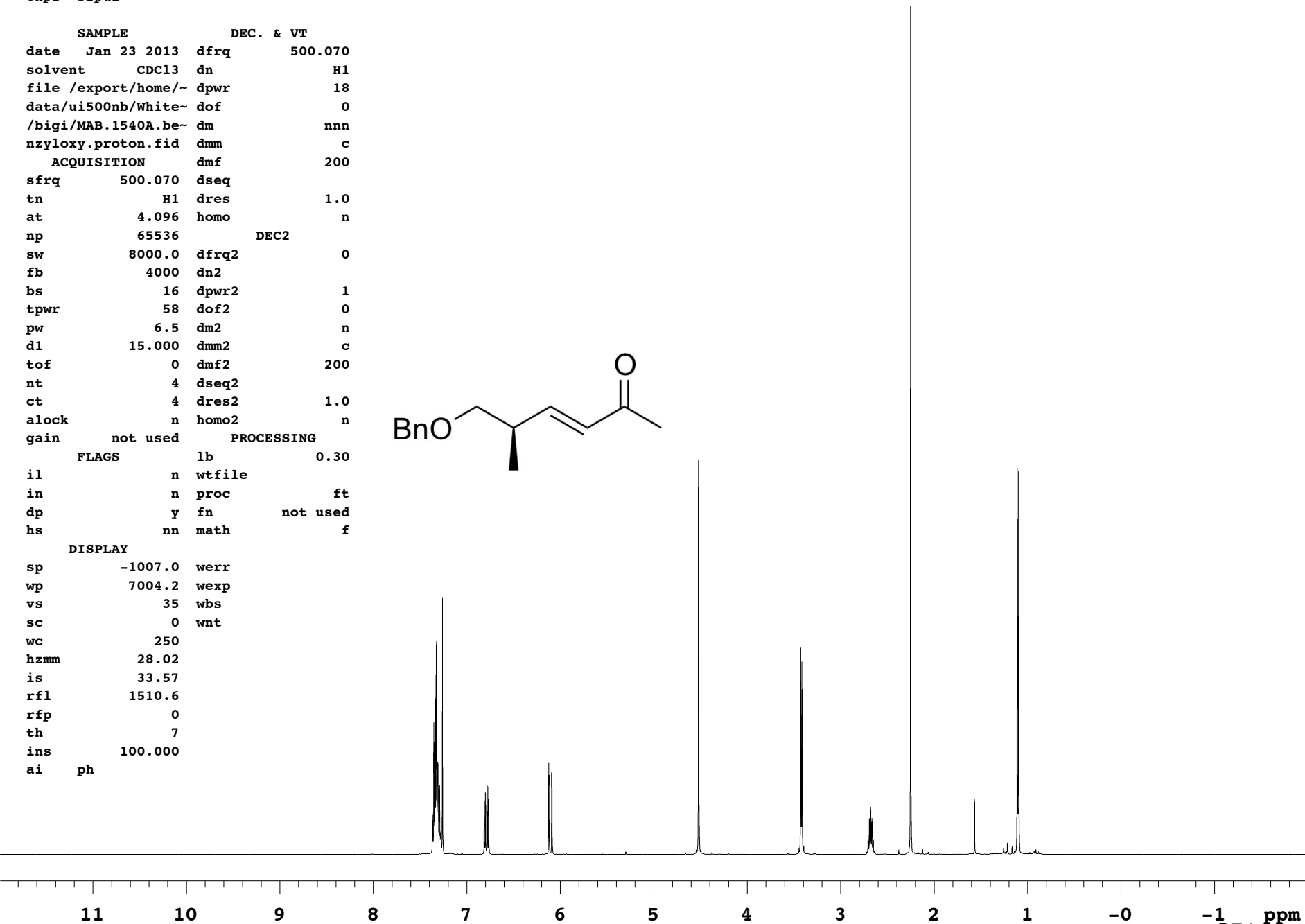
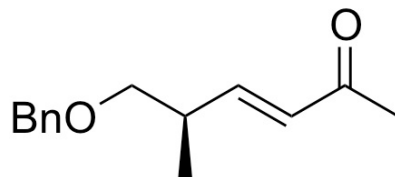
expl s2pul

SAMPLE DEC. & VT  
 date Jan 23 2013 dfrq 500.070  
 solvent CDC13 dn H1  
 file /export/home/~ dpwr 18  
 data/ui500nb/White~ dof 0  
 /bigi/MAB.1540A.be~ dm nnn  
 nzyloxy.proton.fid dmm c

ACQUISITION dmf 200  
 sfrq 500.070 dseq  
 tn H1 dres 1.0  
 at 4.096 homo n  
 np 65536 DEC2  
 sw 8000.0 dfrq2 0  
 fb 4000 dn2  
 bs 16 dpwr2 1  
 tpwr 58 dof2 0  
 pw 6.5 dm2 n  
 d1 15.000 dmm2 c  
 tof 0 dmf2 200  
 nt 4 dseq2  
 ct 4 dres2 1.0  
 alock n homo2 n

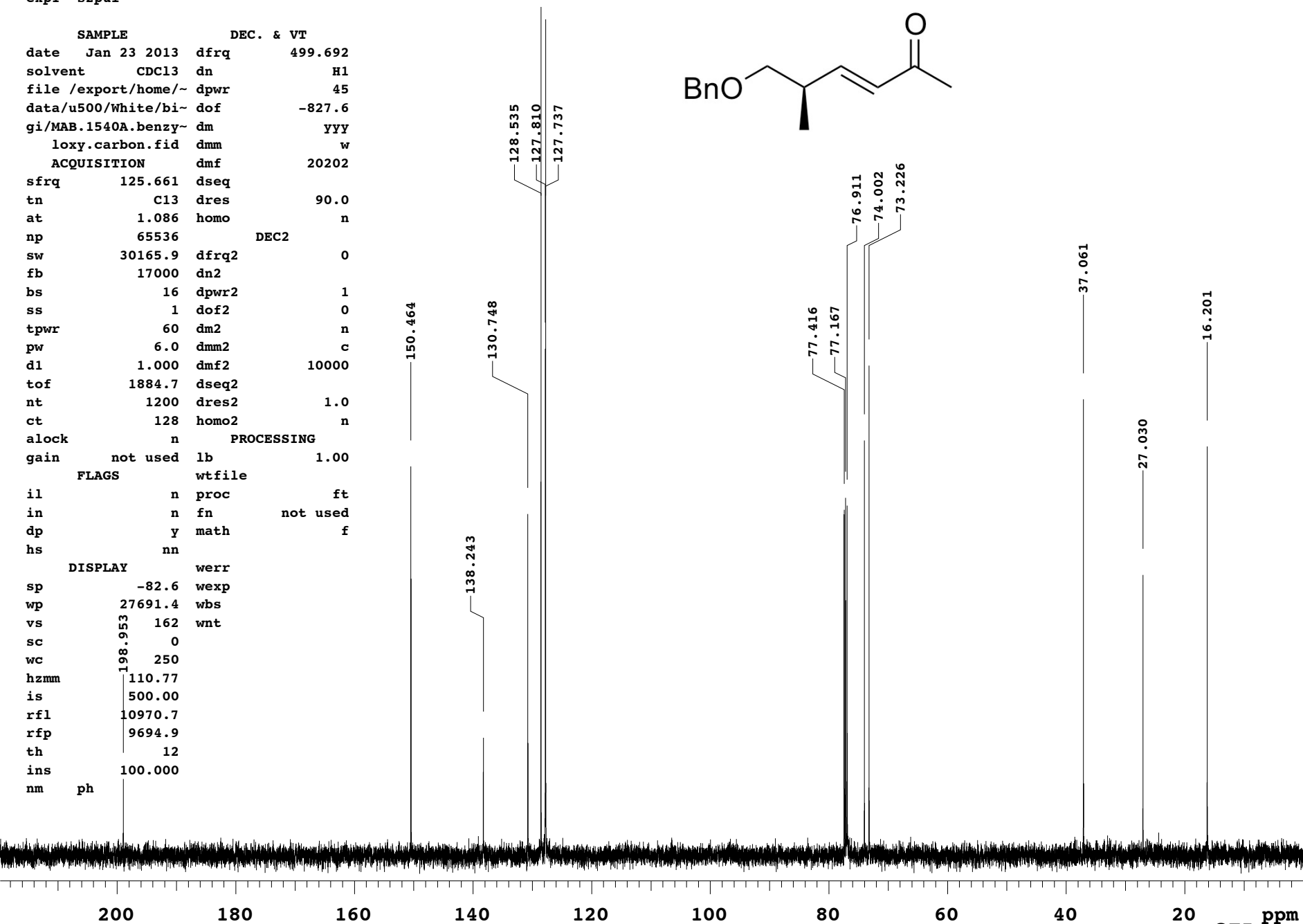
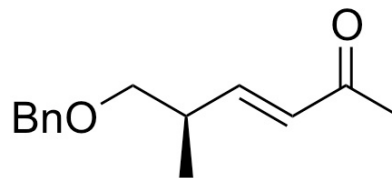
gain not used PROCESSING  
 FLAGS lb 0.30  
 il n wtfile  
 in n proc ft  
 dp y fn not used  
 hs nn math f

DISPLAY  
 sp -1007.0 werr  
 wp 7004.2 wexp  
 vs 35 wbs  
 sc 0 wnt  
 wc 250  
 hzmm 28.02  
 is 33.57  
 rfl 1510.6  
 rfp 0  
 th 7  
 ins 100.000  
 ai ph



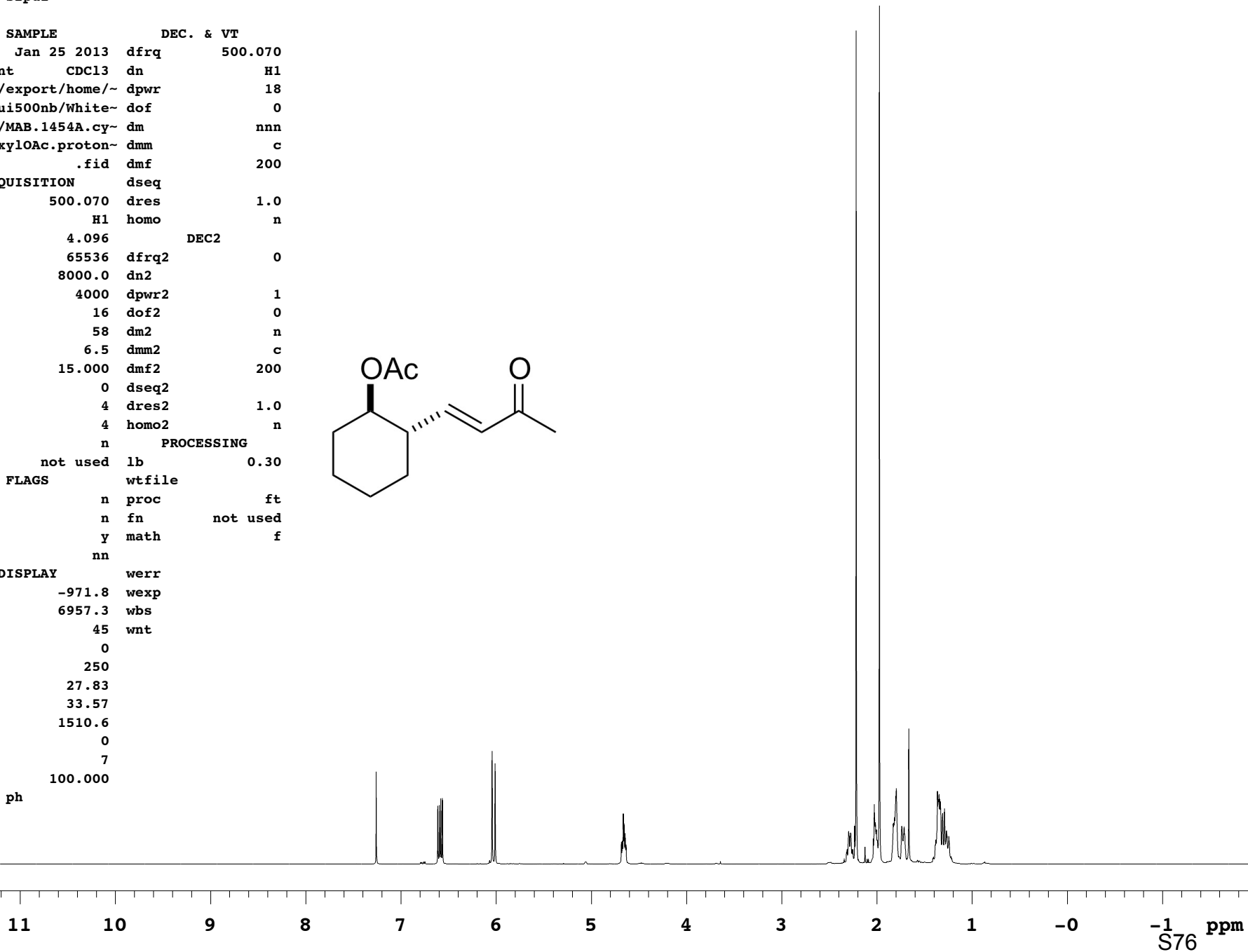
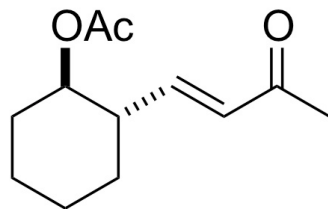
expl s2pul

SAMPLE		DEC. & VT	
date	Jan 23 2013	dfrq	499.692
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	45
data/u500/White/bi-	dof	-827.6	
gi/MAB.1540A.benzy-	dm	YYY	
loxy.carbon.fid	dmm	w	
ACQUISITION		dmf	
sfrq	125.661	dseq	20202
tn	C13	dres	90.0
at	1.086	homo	n
np	65536	DEC2	
sw	30165.9	dfrq2	0
fb	17000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	60	dm2	n
pw	6.0	dmm2	c
d1	1.000	dmf2	10000
tof	1884.7	dseq2	
nt	1200	dres2	1.0
ct	128	homo2	n
alock		PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	-82.6	wexp	
wp	27691.4	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	110.77		
is	500.00		
rfl	10970.7		
rfp	9694.9		
th	12		
ins	100.000		
nm	ph		



expl s2pul

SAMPLE		DEC. & VT	
date	Jan 25 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1454A.cy~		dm	nnn
clohexyloAc.proton~		dmm	c
.fid		dmf	200
ACQUISITION		dseq	
sfrq	500.070	dres	1.0
tn	H1	homo	n
at	4.096	DEC2	
np	65536	dfrq2	0
sw	8000.0	dn2	
fb	4000	dpwr2	1
bs	16	dof2	0
tpwr	58	dm2	n
pw	6.5	dmm2	c
d1	15.000	dmf2	200
tof	0	dseq2	
nt	4	dres2	1.0
ct	4	homo2	n
alock	n	PROCESSING	
gain	not used	lb	0.30
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	-971.8	wexp	
wp	6957.3	wbs	
vs	45	wnt	
sc	0		
wc	250		
hzmm	27.83		
is	33.57		
rfl	1510.6		
rfp	0		
th	7		
ins	100.000		
ai	ph		



expl s2pul

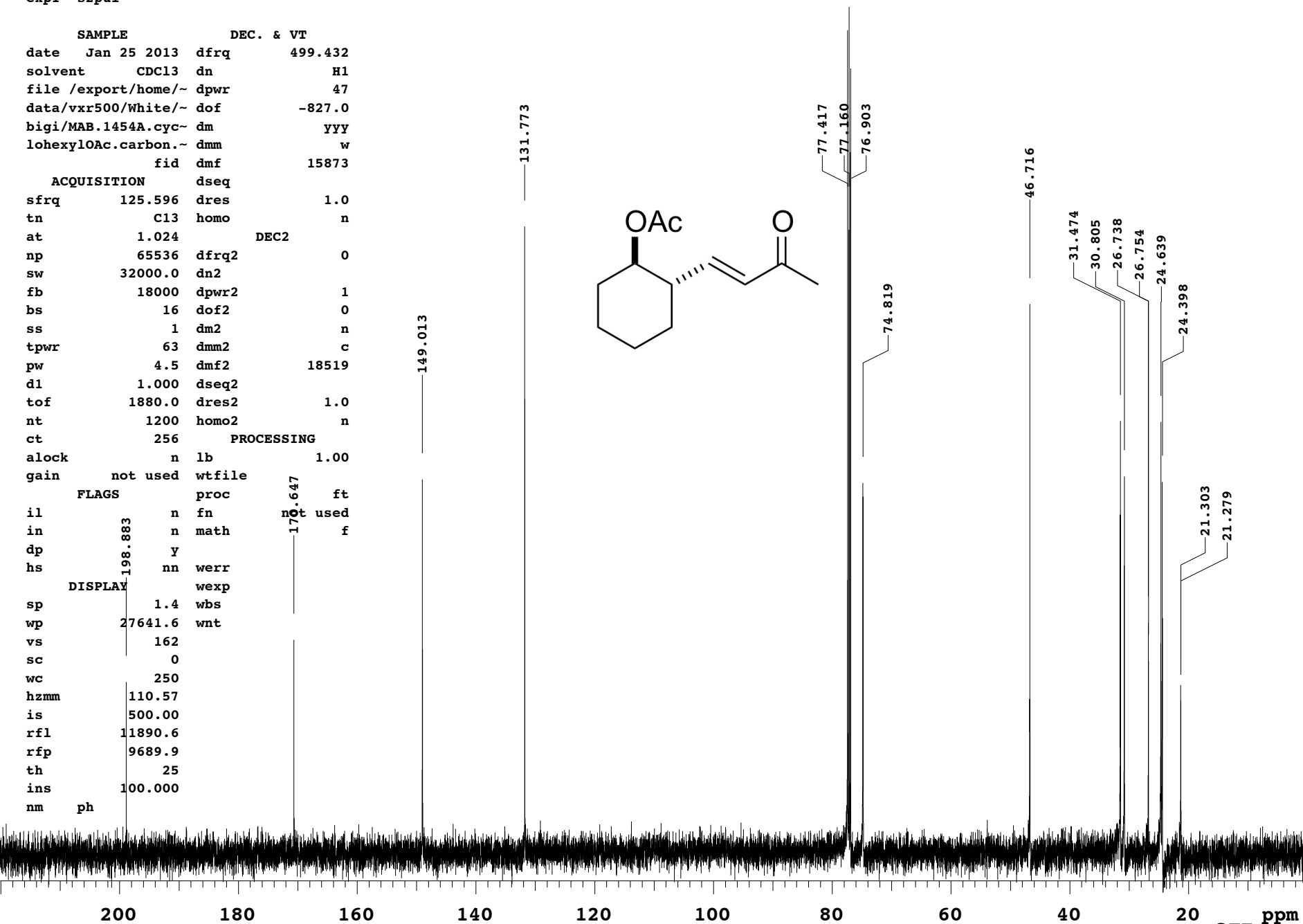
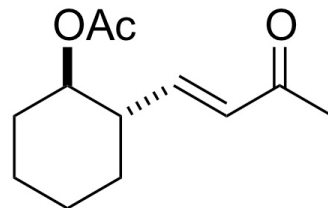
SAMPLE DEC. & VT  
 date Jan 25 2013 dfrq 499.432  
 solvent CDC13 dn H1  
 file /export/home/~ dpwr 47  
 data/vxr500/White/~ dof -827.0  
 bigi/MAB.1454A.cyc~ dm YYY  
 lohexyloAc.carbon.~ dmm w  
 fid dmf 15873

ACQUISITION dseq  
 sfrq 125.596 dres 1.0  
 tn C13 homo n  
 at 1.024 DEC2  
 np 65536 dfrq2 0  
 sw 32000.0 dn2  
 fb 18000 dpwr2 1  
 bs 16 dof2 0  
 ss 1 dm2 n  
 tpwr 63 dmm2 c  
 pw 4.5 dmf2 18519  
 d1 1.000 dseq2  
 tof 1880.0 dres2 1.0  
 nt 1200 homo2 n  
 ct 256 PROCESSING

alock n lb 1.00  
 gain not used wtfile

FLAGS proc  
 il n fn not used  
 in n math f  
 dp Y  
 hs nn werr

DISPLAY wexp  
 sp 1.4 wbs  
 wp 27641.6 wnt  
 vs 162  
 sc 0  
 wc 250  
 hzmm 110.57  
 is 500.00  
 rfl 11890.6  
 rfp 9689.9  
 th 25  
 ins 100.000  
 nm ph



expl s2pul

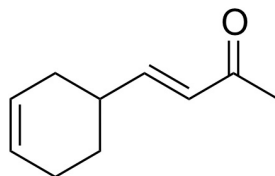
SAMPLE		DEC. & VT	
date	Jan 25 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~		dof	0
/bigi/MAB.1489A.cy~		dm	nnn
clohexene.proton.f~		dmm	c
		id	dmf
			200

ACQUISITION			
sfrq	500.070	dres	1.0
tn	H1	homo	n
at	4.096	DEC2	
np	65536	dfrq2	0
sw	8000.0	dn2	
fb	4000	dpwr2	1
bs	16	dof2	0
tpwr	58	dm2	n
pw	6.5	dmm2	c
d1	15.000	dmf2	200
tof	0	dseq2	
nt	4	dres2	1.0
ct	4	homo2	n

PROCESSING			
alock	n	lb	0.30
gain	not used		

FLAGS			
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		

DISPLAY			
sp	-971.8	wexp	
wp	6957.3	wbs	
vs	33	wnt	
sc	0		
wc	250		
hzmm	27.83		
is	33.57		
rfl	1510.6		
rfp	0		
th	7		
ins	100.000		
ai	ph		



11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S78

expl s2pul

SAMPLE		DEC. & VT	
date	Jan 25 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	47
data/vxr500/White/~		dof	-827.0
bigi/MAB.1489A.cyc-		dm	YYY
lohexene.carbon.fi-		dmm	w
		d	dmf
			15873

ACQUISITION			
sfrq	125.596	dseq	
tn	C13	dres	1.0
at	1.024	homo	n
		DEC2	
np	65536	dfrq2	0
sw	32000.0	dn2	
fb	18000	dpwr2	1
bs	16	dof2	0
ss	1	dm2	n
tpwr	63	dmm2	c
pw	4.5	dmf2	18519
d1	1.000	dseq2	
tof	1880.0	dres2	1.0
nt	1200	homo2	n
ct	128		

PROCESSING			
alock	n	lb	1.00
gain	not used	wfile	

FLAGS			
il	n	fn	not used
in	n	math	f

dp	Y	werr	
hs	nn	wexp	

DISPLA			
sp	139.1	wbs	
wp	27501.0	wnt	

vs	162		
sc	0		

wc	250		
hzmm	110.00		

is	500.00		
rfl	11893.6		

rfp	9689.9		
th	18		

ins	100.000		
nm	ph		

152.396

129.533

127.146

125.326

77.417

77.160

76.903

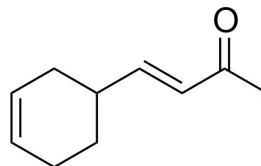
36.661

30.269

27.703

27.042

24.507



200

180

160

140

120

100

80

60

40

20

S79 ppm

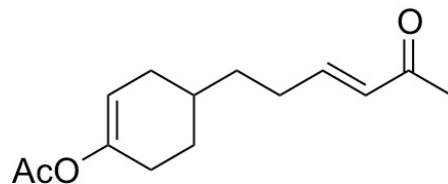
expl s2pul

SAMPLE		DEC. & VT	
date	Jan 28 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~	dof		0
/bigi/MAB.1502A.en-	dm		nnn
olether.proton.fid	dmm		c

ACQUISITION			
sfrq	500.070	dseq	
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	15.000	dmm2	c
tof	0	dmf2	200
nt	4	dseq2	
ct	4	dres2	1.0
alock	n	homo2	n

PROCESSING			
gain	not used	lb	0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f

DISPLAY			
sp	-1007.0	werr	
wp	7004.2	wexp	
vs	41	wbs	
sc	0	wnt	
wc	250		
hzmm	28.02		
is	33.57		
rfl	5141.1		
rfp	3630.5		
th	7		
ins	100.000		
ai	ph		



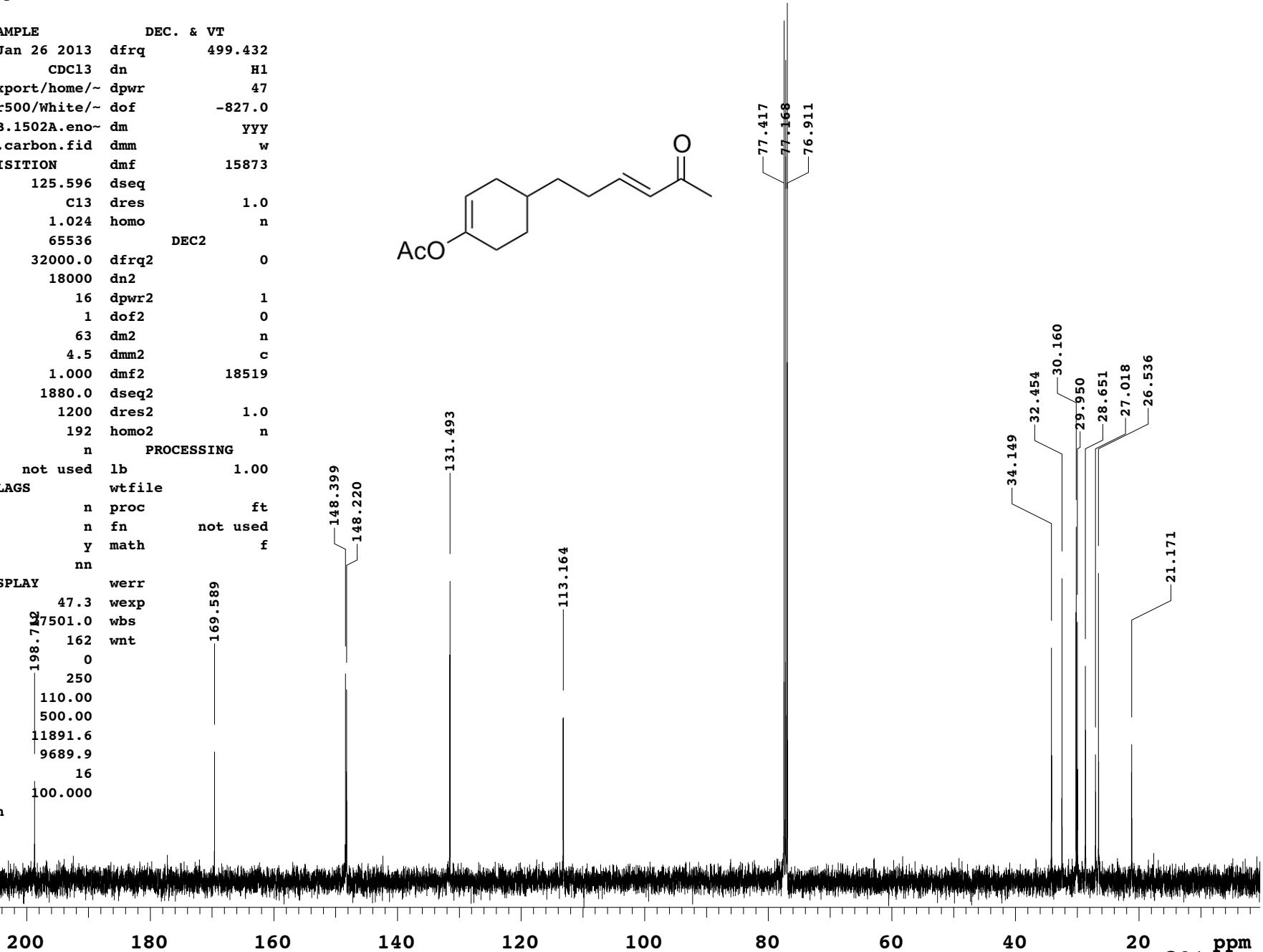
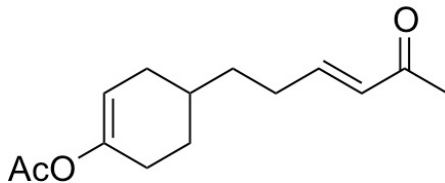
11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

S80



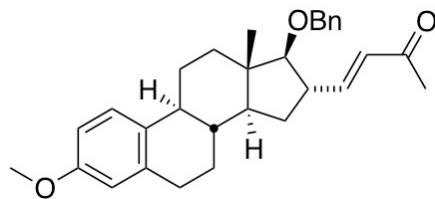
expl s2pul

SAMPLE		DEC. & VT	
date	Jan 26 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	47
data/vxr500/White/~	dof	-827.0	
bigi/MAB.1502A.eno-	dm	YYY	
lether.carbon.fid	dmm	w	
ACQUISITION		dmf	15873
sfrq	125.596	dseq	
tn	C13	dres	1.0
at	1.024	homo	n
np	65536	DEC2	
sw	32000.0	dfrq2	0
fb	18000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	63	dm2	n
pw	4.5	dmm2	c
d1	1.000	dmf2	18519
tof	1880.0	dseq2	
nt	1200	dres2	1.0
ct	192	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	47.3	wexp	
wp	7501.0	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	110.00		
is	500.00		
rfl	11891.6		
rfp	9689.9		
th	16		
ins	100.000		
nm	ph		



expl s2pul

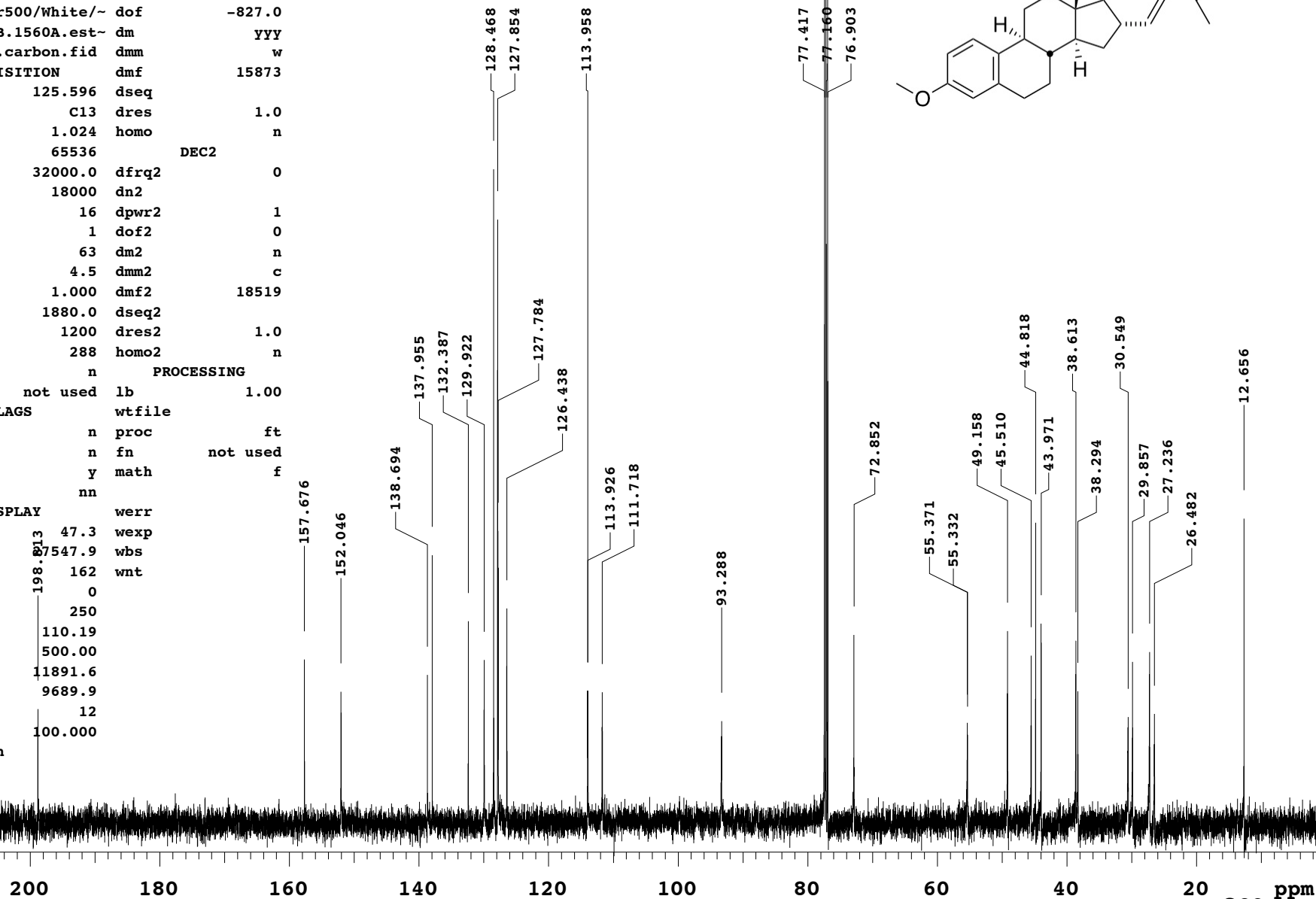
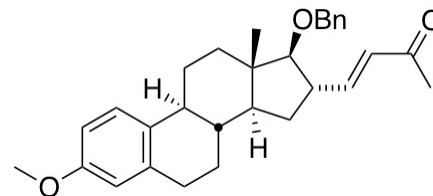
SAMPLE		DEC. & VT	
date	Feb 4 2013	dfrq	500.070
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	18
data/ui500nb/White~	dof		0
/bigi/MAB.1560A.es~	dm		nnn
tron.proton.fid	dmm		c
ACQUISITION		dmf	200
sfrq	500.070	dseq	
tn	H1	dres	1.0
at	4.096	homo	n
np	65536	DEC2	
sw	8000.0	dfrq2	0
fb	4000	dn2	
bs	16	dpwr2	1
tpwr	58	dof2	0
pw	6.5	dm2	n
d1	15.000	dmm2	c
tof	0	dmf2	200
nt	8	dseq2	
ct	8	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	
FLAGS	lb		0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f
DISPLAY			
sp	-1007.2	werr	
wp	6992.4	wexp	
vs	64	wbs	
sc	0	wnt	
wc	250		
hzmm	27.97		
is	33.57		
rfl	1510.9		
rfp	0		
th	7		
ins	100.000		
ai	ph		



11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm

expl s2pul

SAMPLE		DEC. & VT	
date	Feb 4 2013	dfrq	499.432
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	47
data/vxr500/White/~		dof	-827.0
bigi/MAB.1560A.est-		dm	YYY
rone.carbon.fid		dmm	w
ACQUISITION			
sfrq	125.596	dseq	
tn	C13	dres	1.0
at	1.024	homo	n
np	65536	DEC2	
sw	32000.0	dfrq2	0
fb	18000	dn2	
bs	16	dpwr2	1
ss	1	dof2	0
tpwr	63	dm2	n
pw	4.5	dmm2	c
d1	1.000	dmf2	18519
tof	1880.0	dseq2	
nt	1200	dres2	1.0
ct	288	homo2	n
alock	n	PROCESSING	
gain	not used	lb	1.00
FLAGS		wtfile	
il	n	proc	ft
in	n	fn	not used
dp	y	math	f
hs	nn		
DISPLAY		werr	
sp	198.213	47.3	wexp
wp	547.9	wbs	
vs	162	wnt	
sc	0		
wc	250		
hzmm	110.19		
is	500.00		
rfl	11891.6		
rfp	9689.9		
th	12		
ins	100.000		
nm	ph		

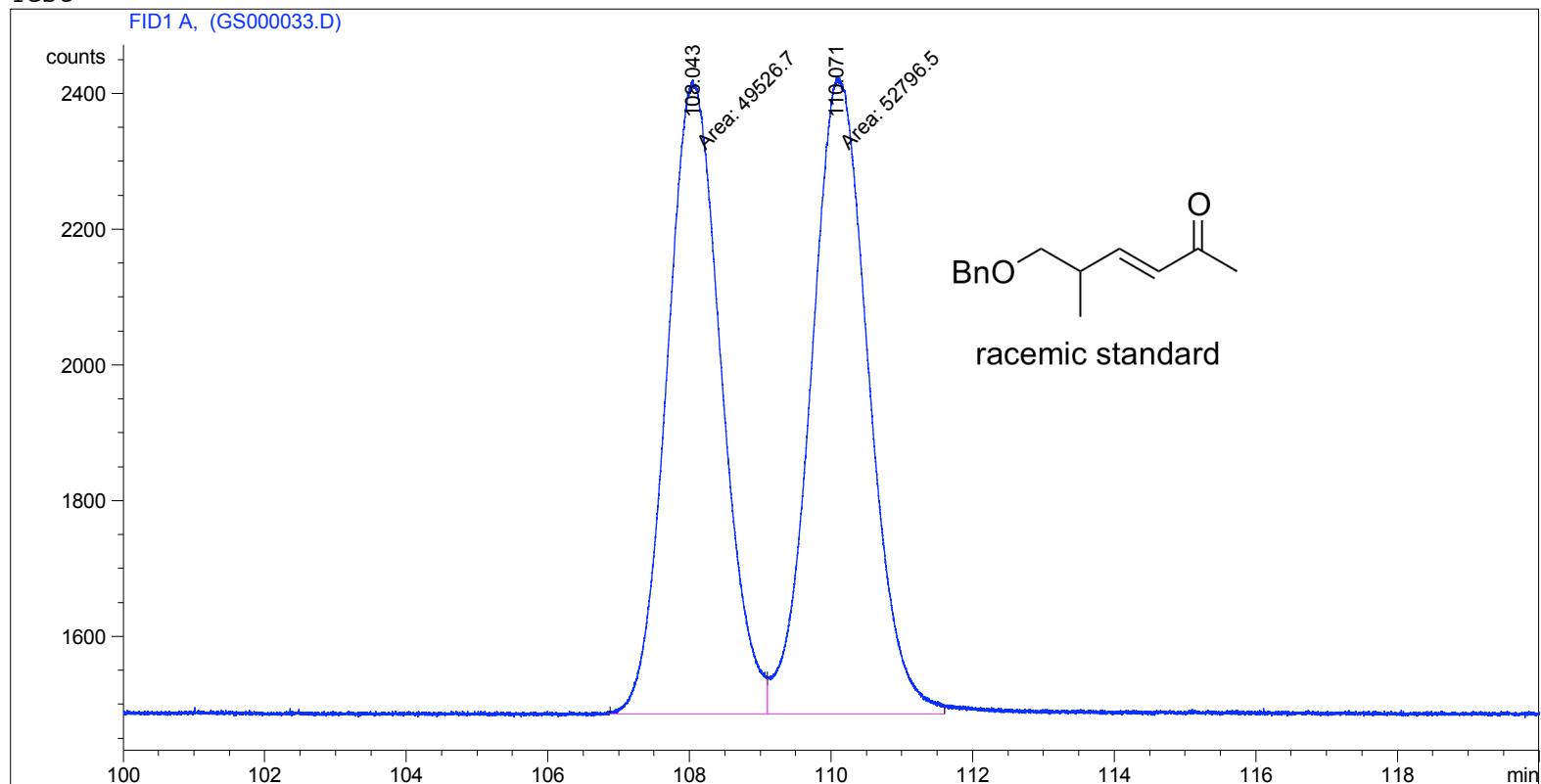


```

=====
Injection Date   : 8/3/2012 9:31:46 AM
Sample Name     : MAB.1569A.rac           Location  : Vial 101
Acq. Operator   : PEG
Acq. Instrument : Chiral GC              Inj Volume: Manually
Acq. Method     : C:\HPCHEM\3\METHODS\GTA120.M
Last changed    : 8/2/2012 10:46:24 PM by PEG
Analysis Method : C:\HPCHEM\3\METHODS\GTABAKE.M
Last changed    : 8/15/2012 9:37:42 AM by PEG
                  (modified after loading)
=====

```

## Test



```

=====
Area Percent Report
=====

```

```

Sorted By      :      Signal
Multiplier     :      1.0000
Dilution      :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	108.043	MM	0.8823	4.95267e4	935.56696	48.40220
2	110.071	MM	0.9366	5.27965e4	939.53485	51.59780

```
Totals :                1.02323e5  1875.10181
```

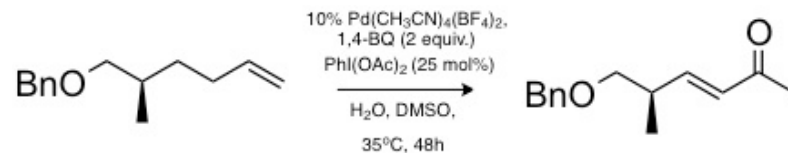
Results obtained with enhanced integrator!

```

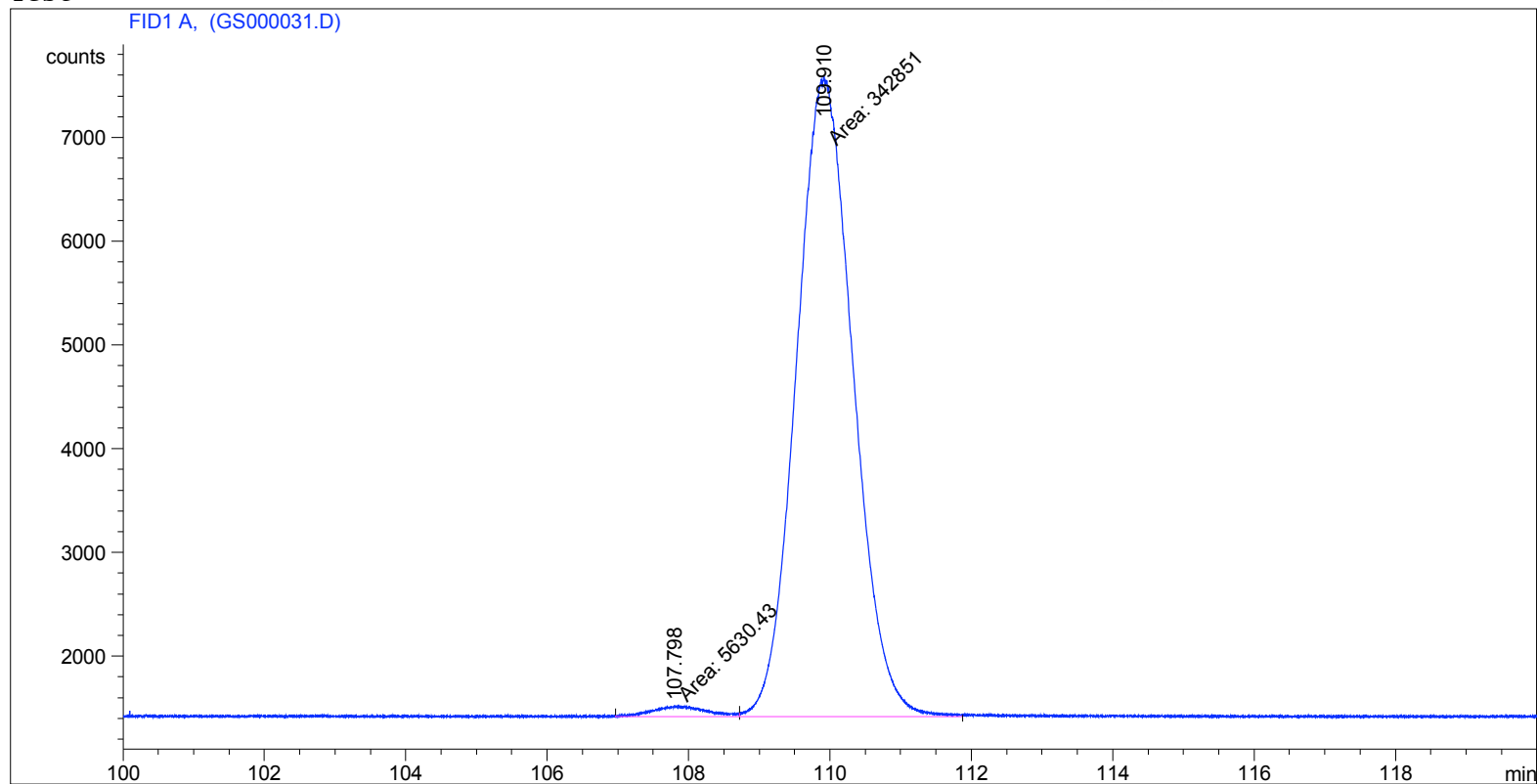
=====
*** End of Report ***
=====

```

=====  
Injection Date : 8/2/2012 7:26:25 PM  
Sample Name : MAB.1540A  
Acq. Operator : PEG  
Acq. Instrument : Chiral GC  
Acq. Method : C:\HPCHEM\3\METHODS\GTA120.M  
Last changed : 8/2/2012 7:21:08 PM by PEG  
(modified after loading)  
Analysis Method : C:\HPCHEM\3\METHODS\GTABAKE.M  
Last changed : 8/3/2012 9:12:48 AM by PEG  
(modified after loading)



Test



=====  
Area Percent Report  
=====

Sorted By : Signal  
Multiplier : 1.0000  
Dilution : 1.0000  
Use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	107.798	MM	0.9230	5630.42578	101.66761	1.61570
2	109.910	MM	0.9259	3.42851e5	6171.42236	98.38430

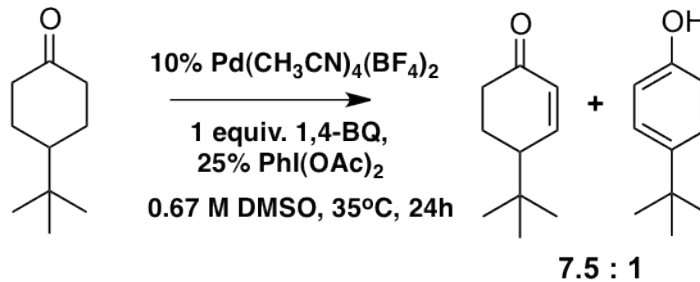
Totals : 3.48482e5 6273.08997

Results obtained with enhanced integrator!

=====  
\*\*\* End of Report \*\*\*

expl s2pul

SAMPLE		DEC. & VT	
date	Mar 6 2013	dfrq	499.693
solvent	CDC13	dn	H1
file	/export/home/~	dpwr	20
data/u500/White/bi-		dof	0
gi/MAB.1610A.colum-		dm	nnn
ned.fid		dmm	c
ACQUISITION		dmf	
sfrq	499.693	dseq	200
tn	H1	dres	1.0
at	4.665	homo	n
np	65536	DEC2	
sw	7024.9	dfrq2	0
fb	4000	dn2	
bs	4	dpwr2	1
tpwr	60	dof2	0
pw	6.5	dm2	n
d1	10.000	dmm2	c
tof	2.0	dmf2	200
nt	4	dseq2	
ct	4	dres2	1.0
alock	n	homo2	n
gain	not used	PROCESSING	
FLAGS	lb		0.30
il	n	wtfile	
in	n	proc	ft
dp	y	fn	not used
hs	nn	math	f
DISPLAY			
sp	-1011.9	werr	
wp	7024.7	wexp	
vs	9	wbs	
sc	0	wnt	
wc	250		
hzmm	17.01		
is	33.57		
rfl	4639.9		
rfp	3627.8		
th	7		
ins	100.000		
ai	ph		



11 10 9 8 7 6 5 4 3 2 1 -0 -1 ppm