

158.70

150.52

140.49

134.46

129.80

126.82

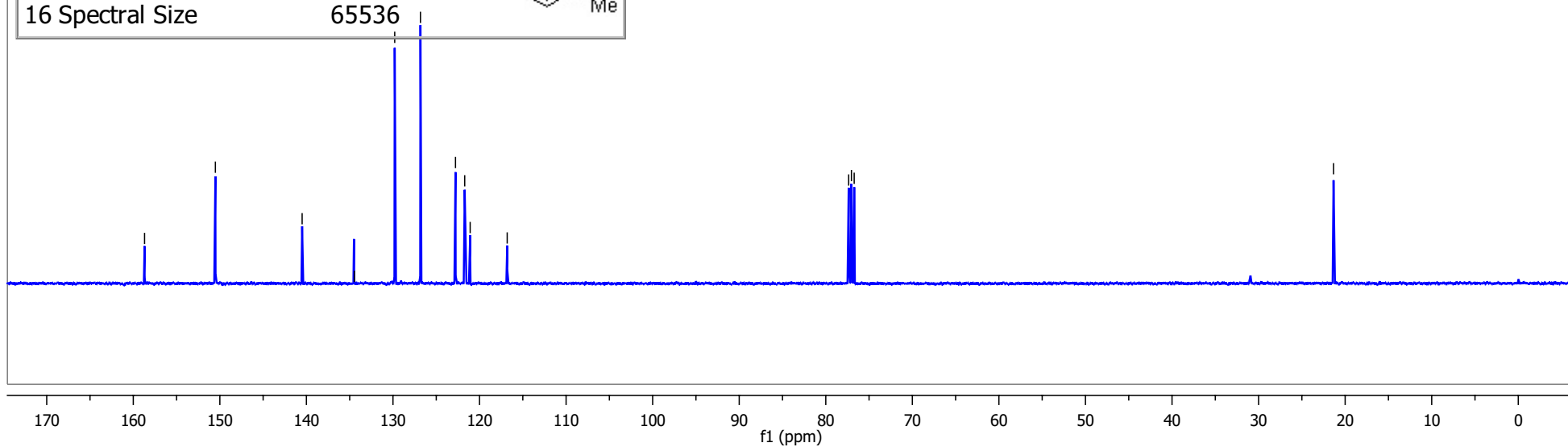
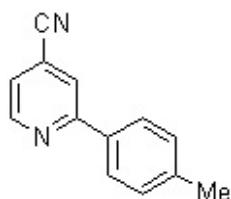
121.08

116.80

77.35  
77.04  
76.72

21.34

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-255P1C
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-27T17:45:40
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	650
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



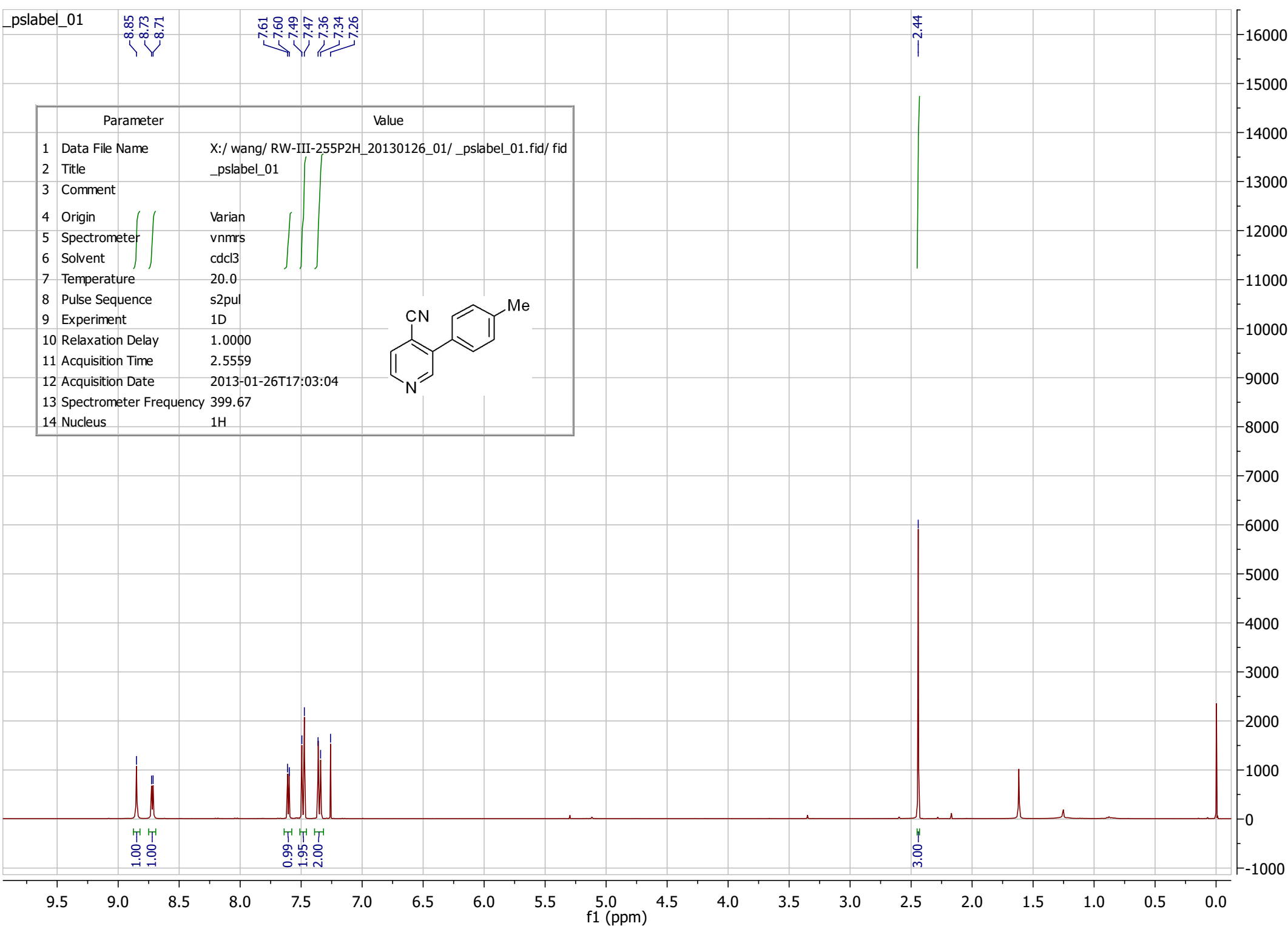
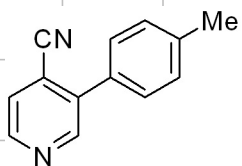
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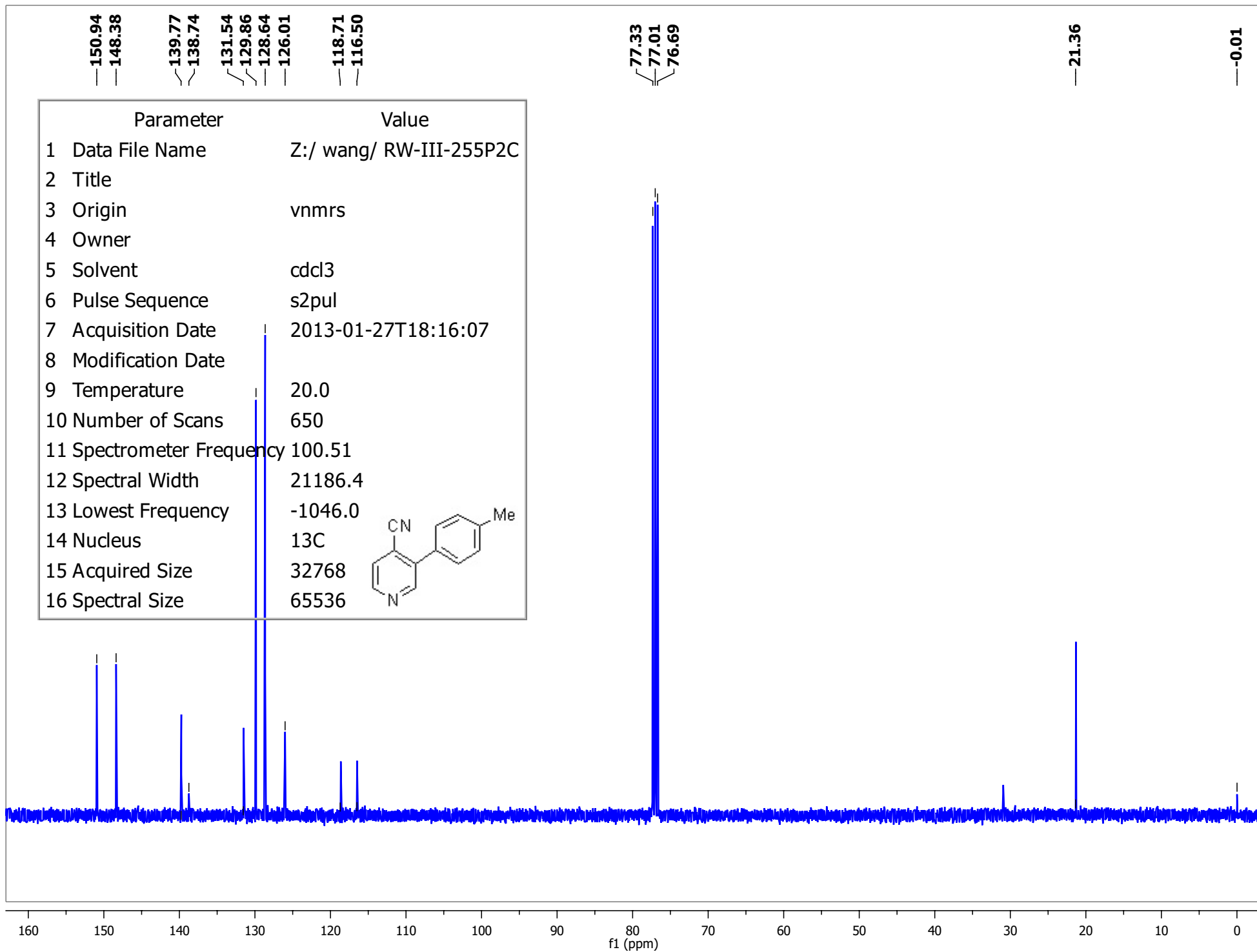
8.85  
8.73  
8.71

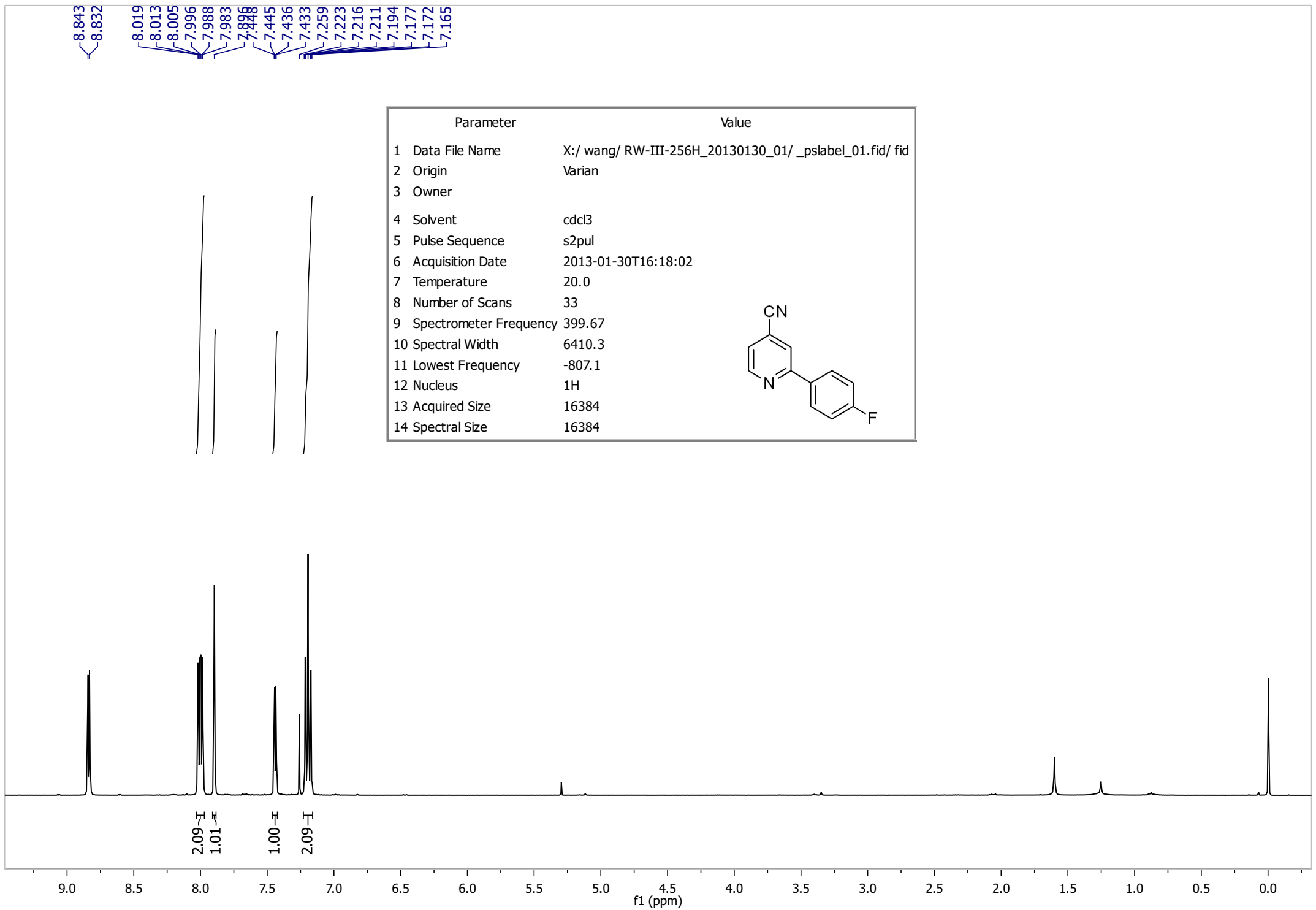
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7.60  
7.49  
7.47  
7.36  
7.34  
7.26

2.44

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-255P2H_20130126_01/ _pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-01-26T17:03:04
13 Spectrometer Frequency	399.67
14 Nucleus	1H

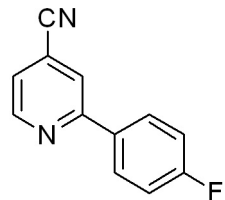






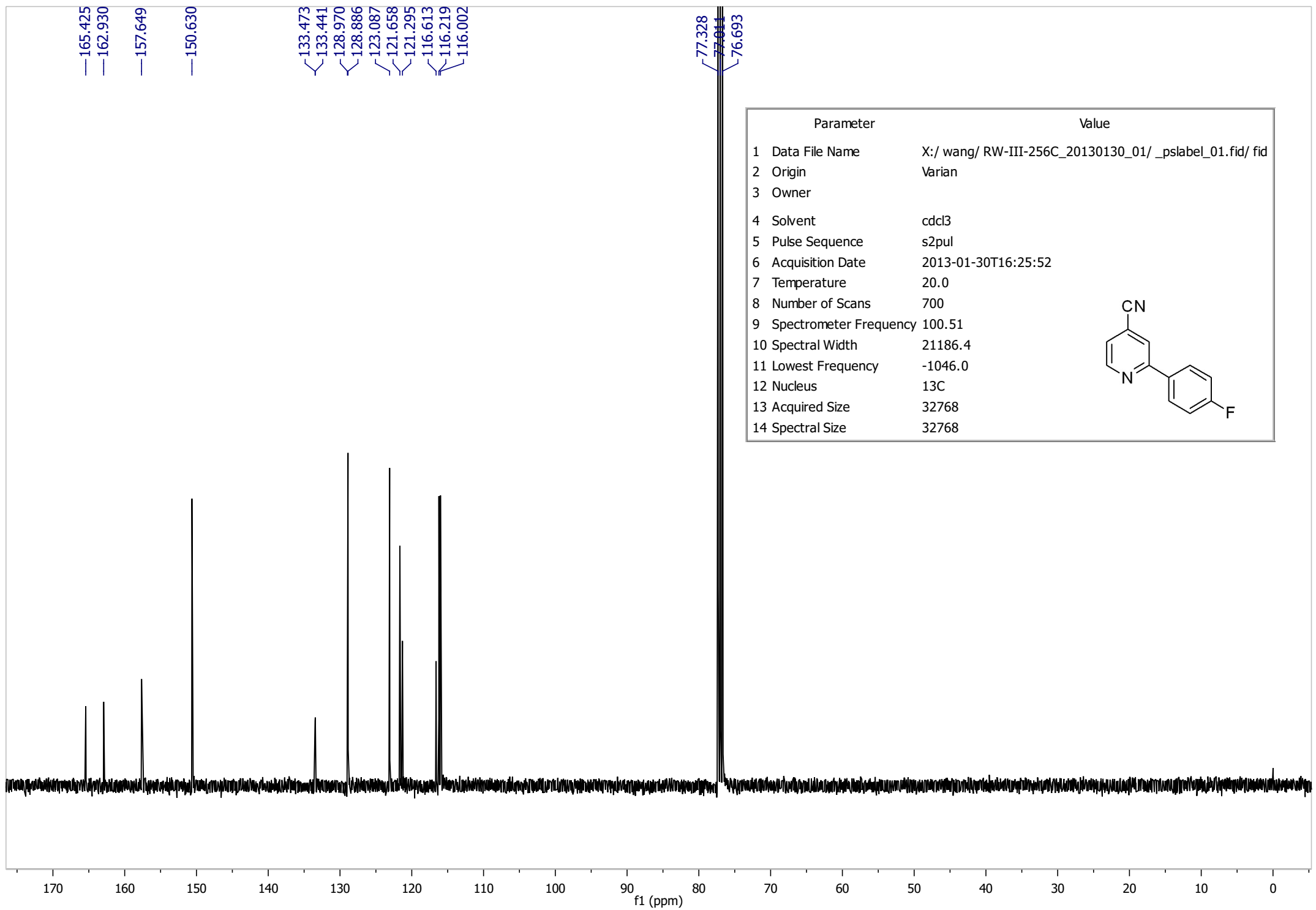
8.843  
8.832  
8.019  
8.013  
8.005  
7.996  
7.988  
7.983  
7.896  
7.888  
7.445  
7.436  
7.433  
7.259  
7.223  
7.216  
7.211  
7.194  
7.177  
7.172  
7.165

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-256H_20130130_01/_pslabel_01.fid/ fid
2 Origin	Varian
3 Owner	
4 Solvent	cdcl3
5 Pulse Sequence	s2pul
6 Acquisition Date	2013-01-30T16:18:02
7 Temperature	20.0
8 Number of Scans	33
9 Spectrometer Frequency	399.67
10 Spectral Width	6410.3
11 Lowest Frequency	-807.1
12 Nucleus	1H
13 Acquired Size	16384
14 Spectral Size	16384



2.09  
1.01  
1.00  
2.09

f1 (ppm)

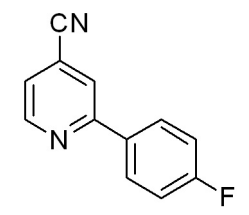


— 165.425  
 — 162.930  
 — 157.649  
 — 150.630

133.473  
 133.441  
 128.970  
 128.886  
 123.087  
 121.658  
 121.295  
 116.613  
 116.219  
 116.002

77.328  
 77.011  
 76.693

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-256C_20130130_01/ _pslabel_01.fid/ fid
2 Origin	Varian
3 Owner	
4 Solvent	cdcl3
5 Pulse Sequence	s2pul
6 Acquisition Date	2013-01-30T16:25:52
7 Temperature	20.0
8 Number of Scans	700
9 Spectrometer Frequency	100.51
10 Spectral Width	21186.4
11 Lowest Frequency	-1046.0
12 Nucleus	13C
13 Acquired Size	32768
14 Spectral Size	32768

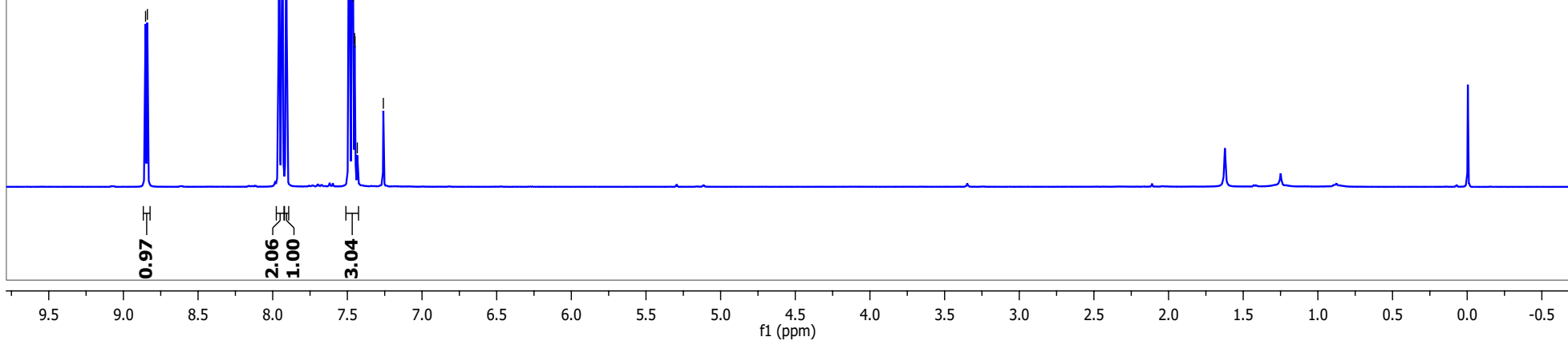
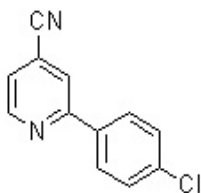


8.85  
8.84

7.96  
7.94  
7.91

7.46  
7.45  
7.26

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-261P2H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-02T23:07:42
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



157.47

150.70

136.53

135.67

129.34

128.21

123.41

121.76

121.35

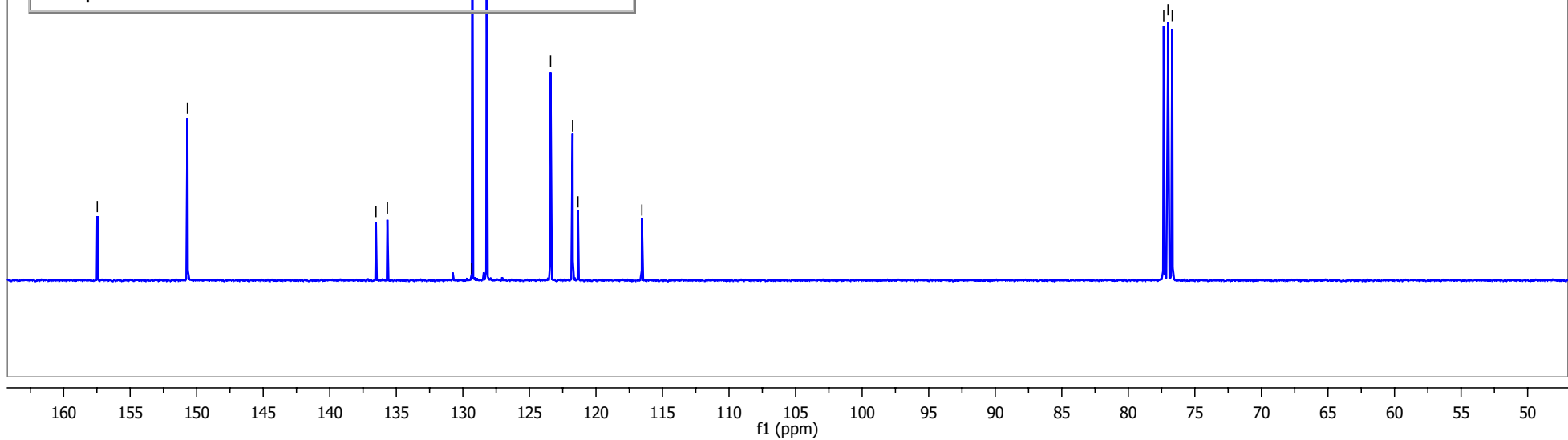
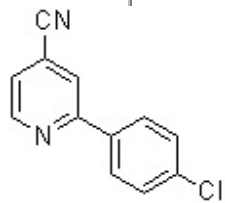
116.55

77.34

77.02

76.70

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-261P2C
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-03T02:24:46
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	5000
11 Spectrometer Frequency	100.51
12 Spectral Width	25510.2
13 Lowest Frequency	-966.7
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536





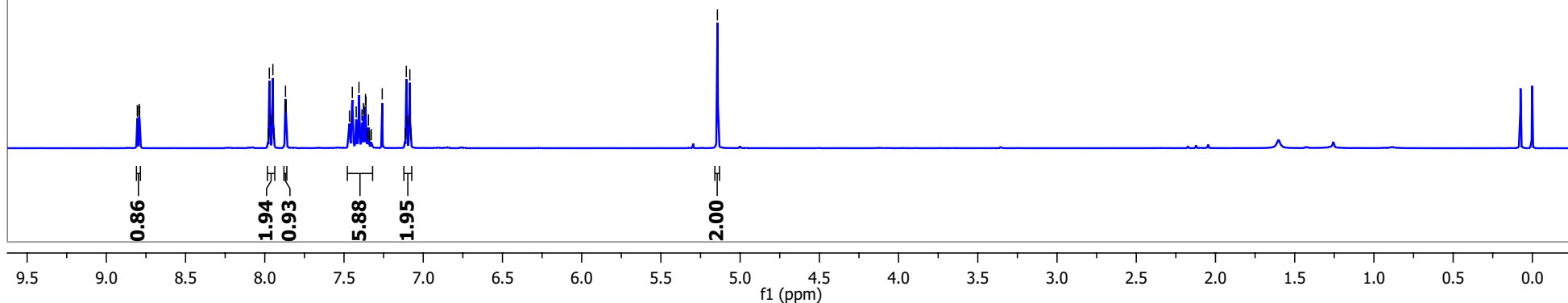
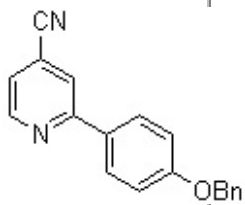
8.80  
8.80  
8.79  
8.79

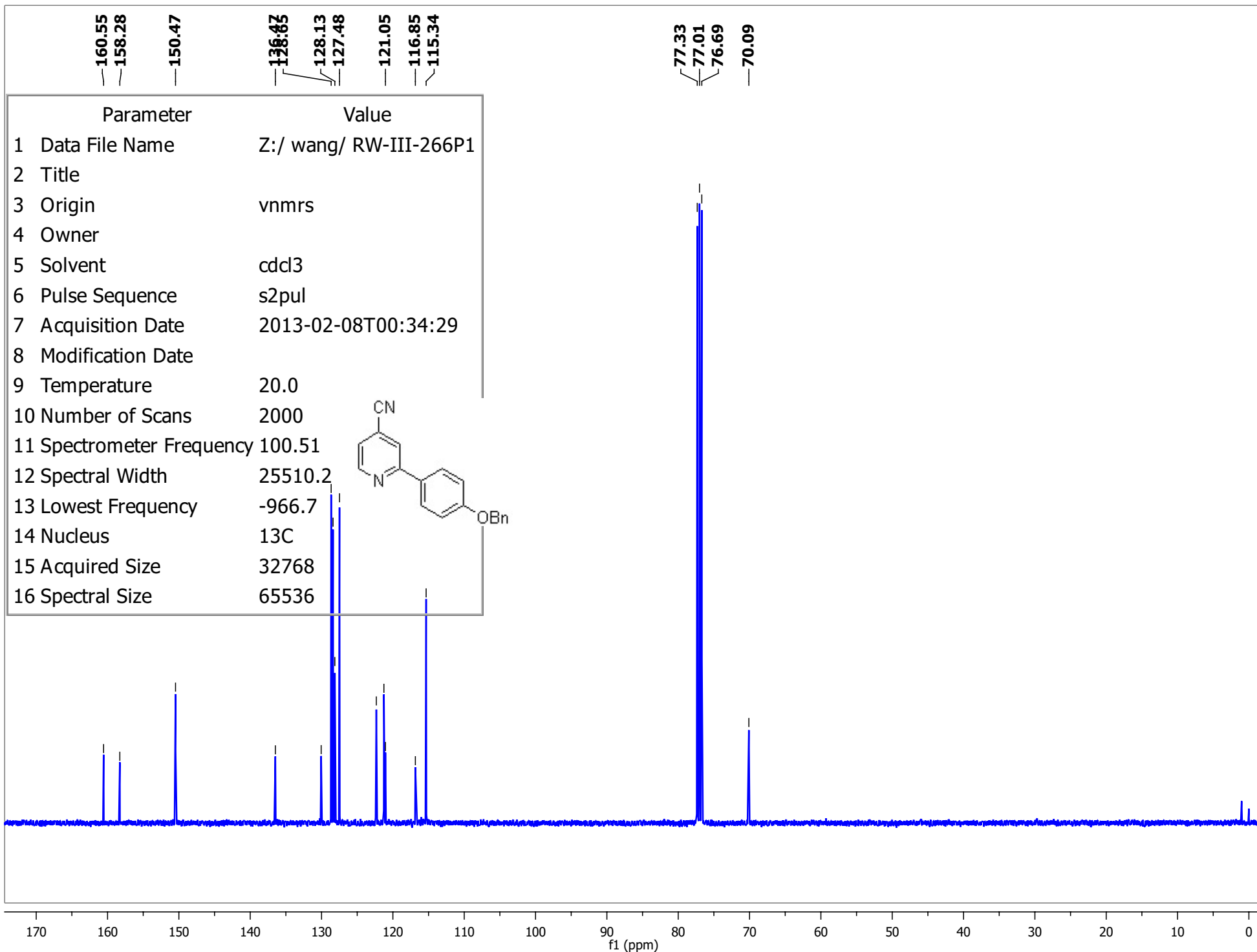
7.95  
7.94  
7.87  
7.87  
7.87

7.35  
7.34  
7.33  
7.26  
7.11  
7.11  
7.10  
7.09  
7.08  
7.08

— 5.14

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-266P1
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-08T00:30:52
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768

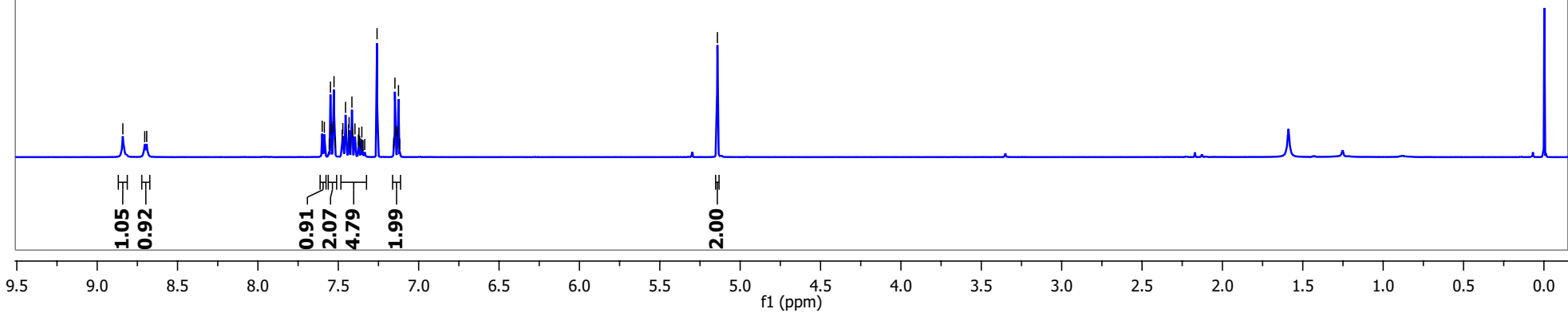
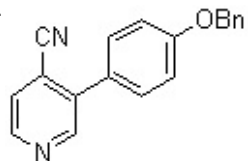


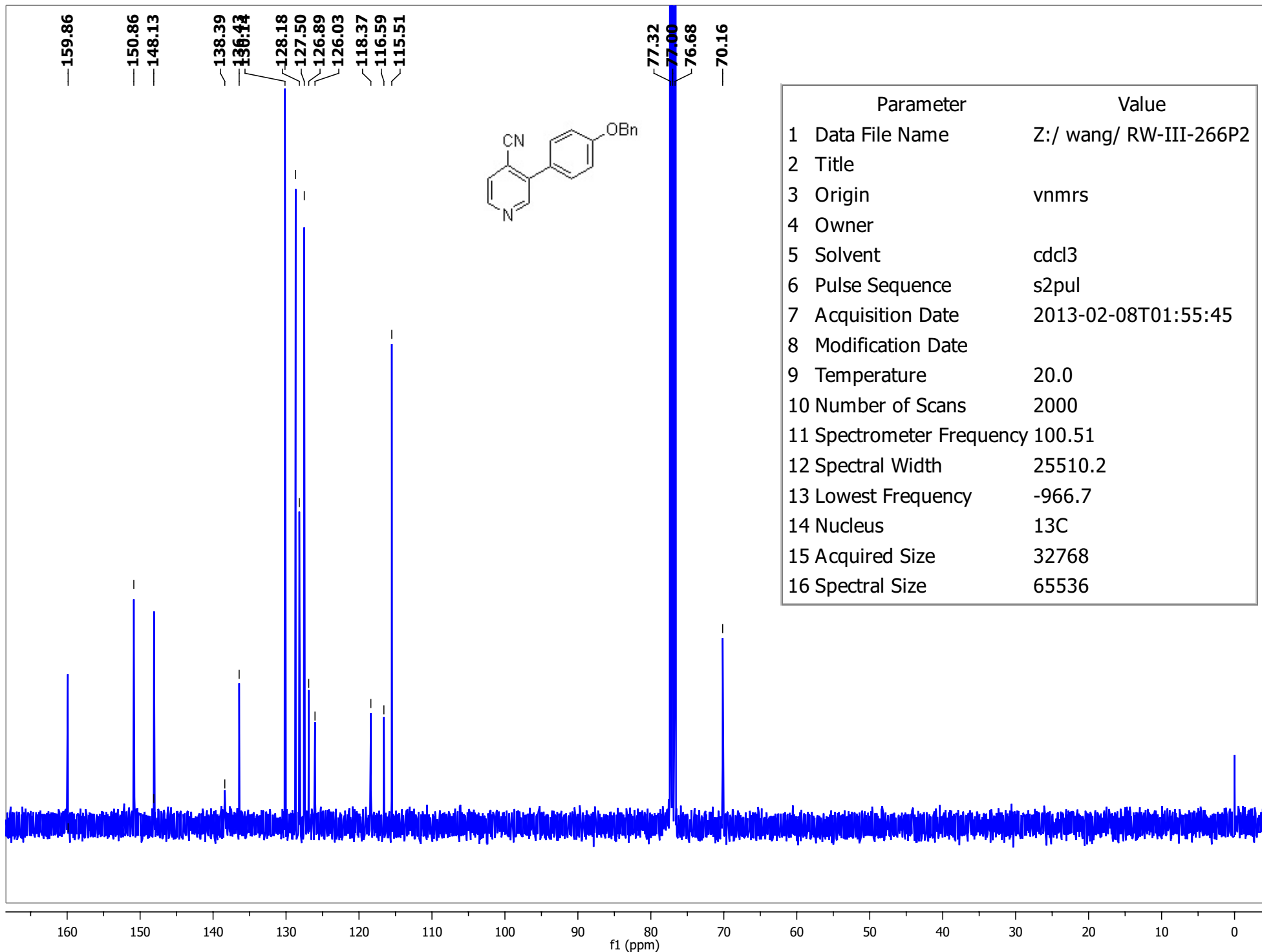
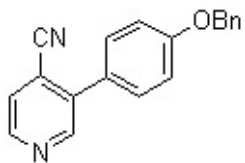


8.84  
8.70  
8.69  
7.60  
7.54  
7.53  
7.48  
7.45  
7.43  
7.42  
7.40  
7.37  
7.36  
7.35  
7.26  
7.15  
7.13  
7.12

5.14

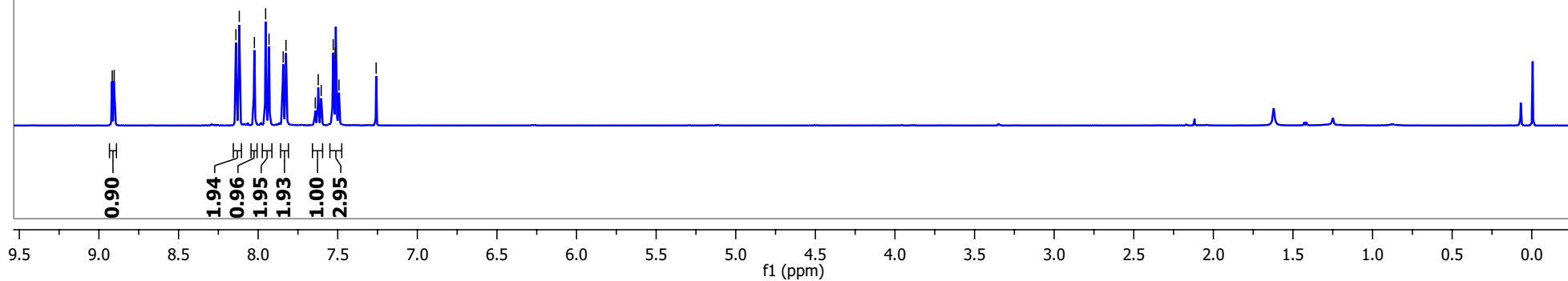
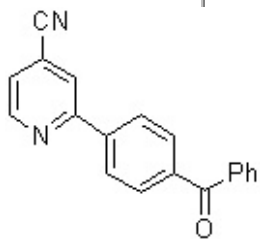
Parameter	Value
1 Data File Name	Z:/wang/RW-III-266P2
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-08T01:53:30
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768





8.92  
8.90  
8.12  
7.95  
7.93  
7.84  
7.83  
7.60  
7.52  
7.26

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-264P1
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-07T22:01:33
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



196.06

157.55

150.87

140.70

138.81

137.27

130.72

128.41

123.94

121.47

116.48

77.33

77.01

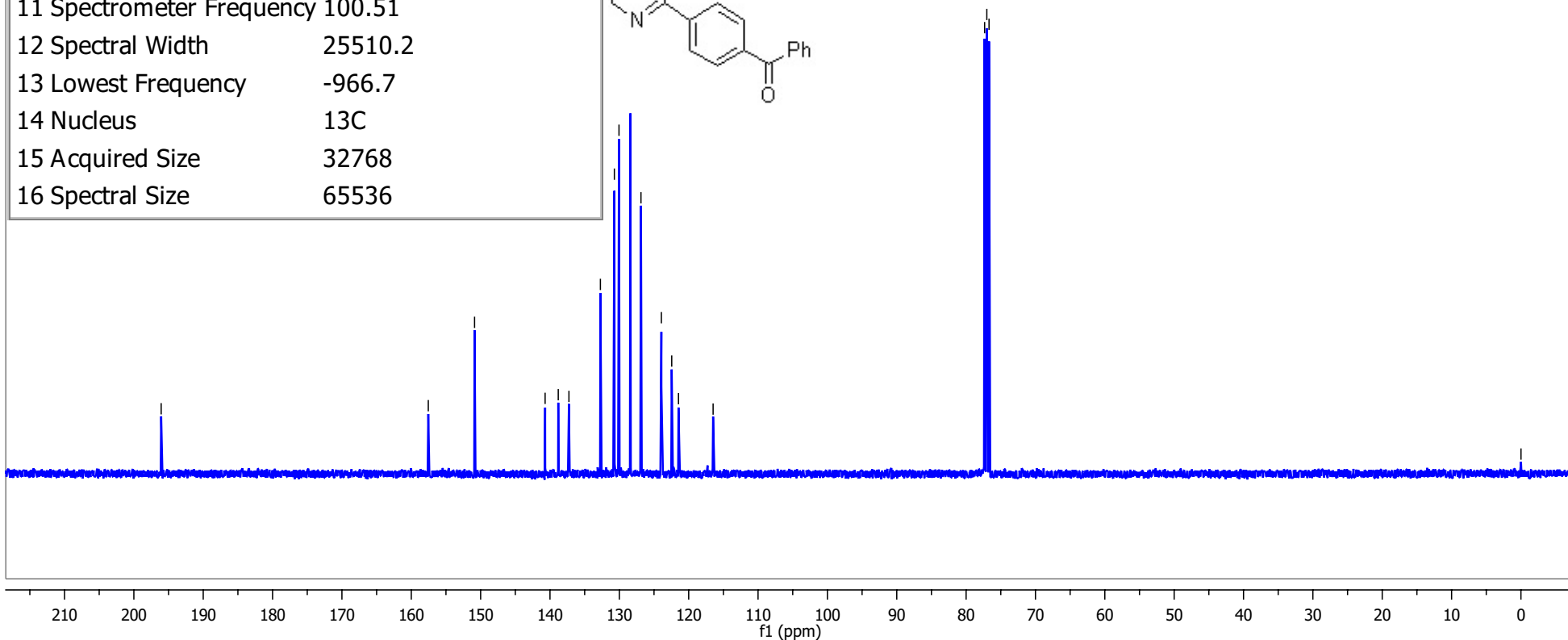
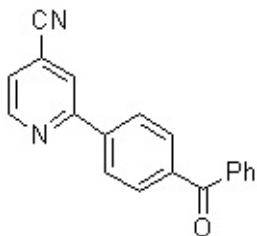
76.70

-0.01

Parameter

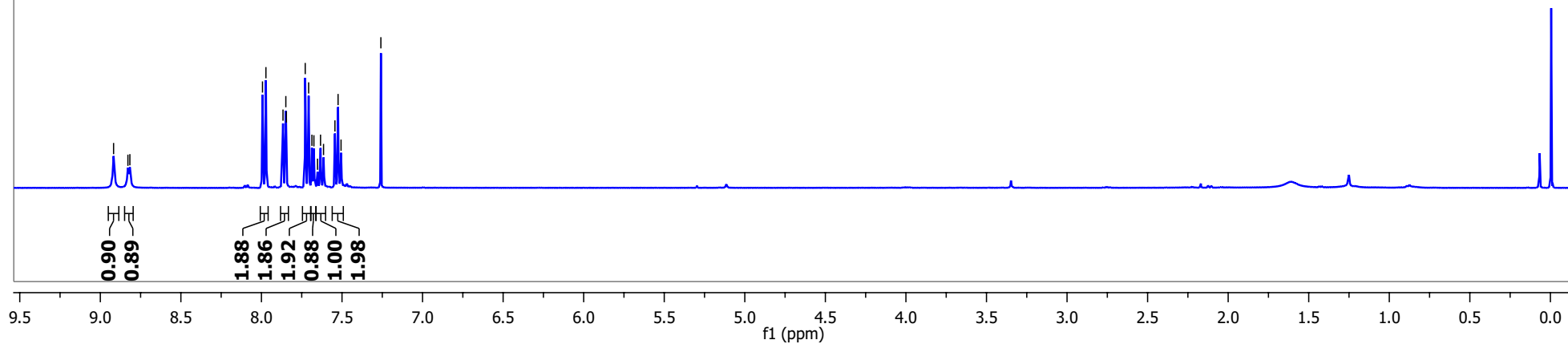
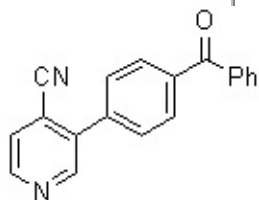
Value

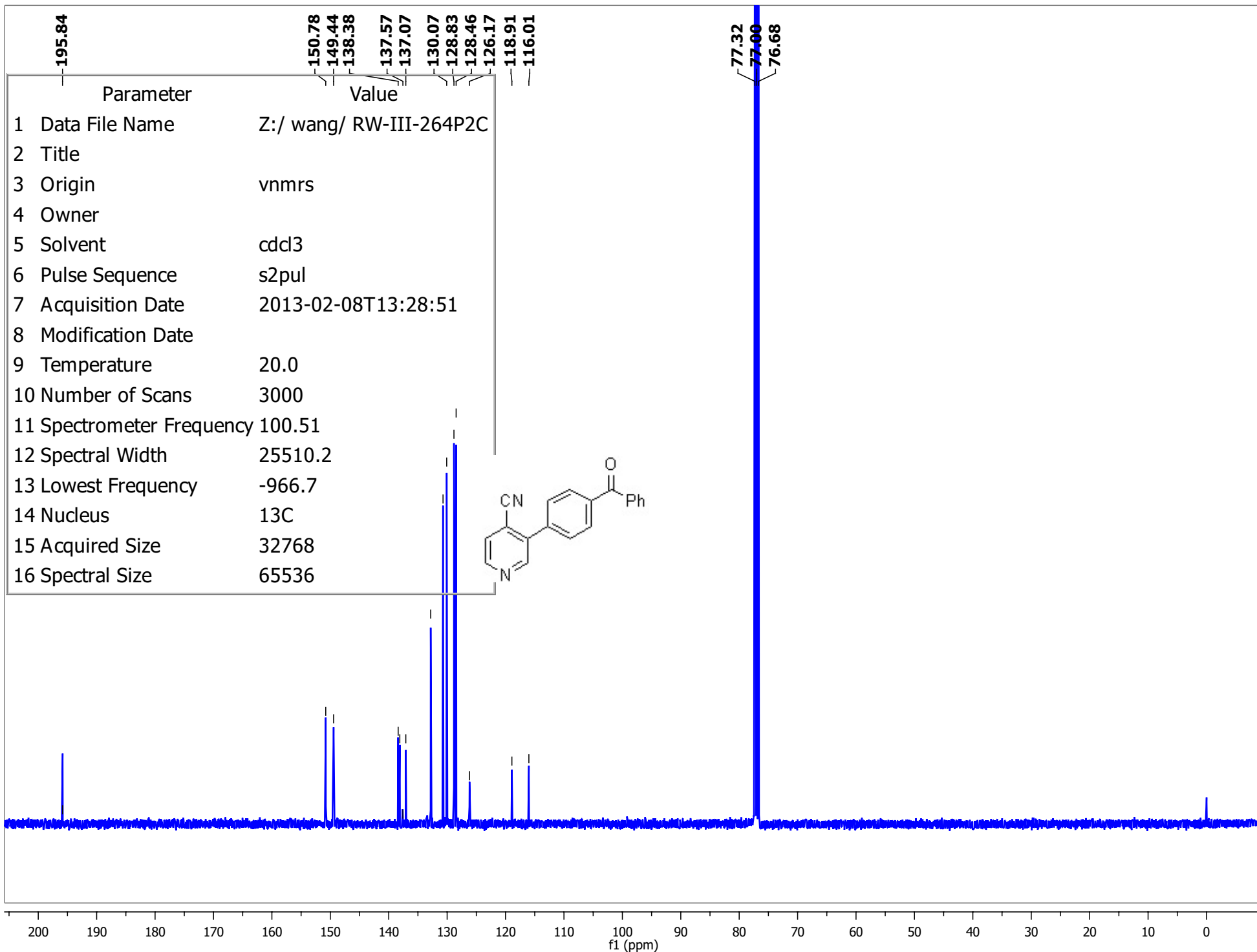
1	Data File Name	Z:/ wang/ RW-III-264P1
2	Title	
3	Origin	vnmrs
4	Owner	
5	Solvent	cdcl3
6	Pulse Sequence	s2pul
7	Acquisition Date	2013-02-07T22:03:50
8	Modification Date	
9	Temperature	20.0
10	Number of Scans	700
11	Spectrometer Frequency	100.51
12	Spectral Width	25510.2
13	Lowest Frequency	-966.7
14	Nucleus	13C
15	Acquired Size	32768
16	Spectral Size	65536



8.92  
8.83  
8.82  
7.99  
7.85  
7.71  
7.67  
7.63  
7.54  
7.51  
7.26

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-264P2H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-07T22:33:29
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768





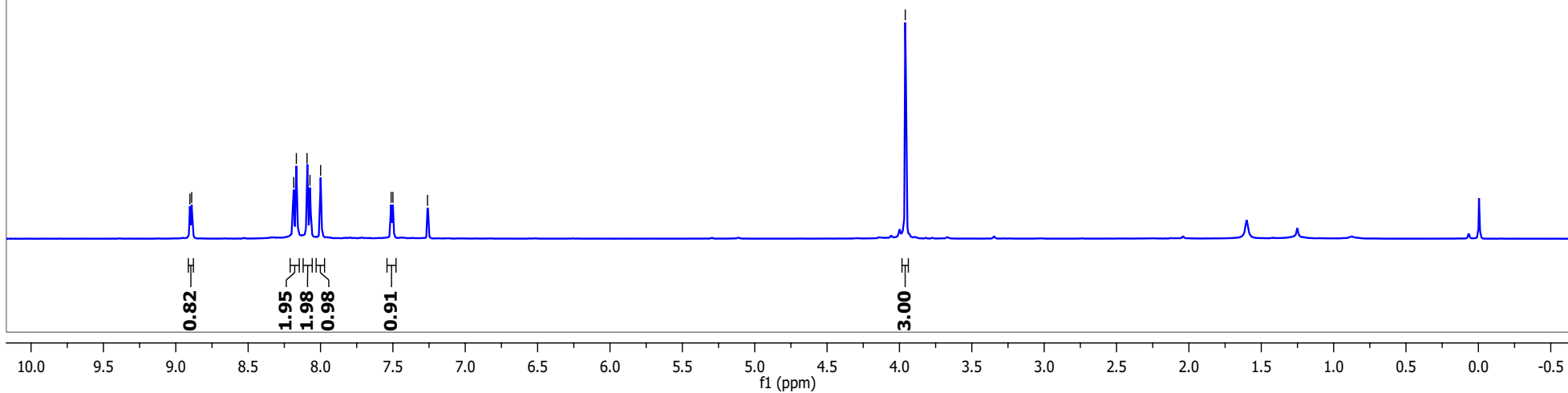
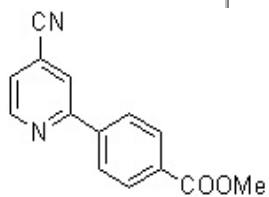
Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-264P2C
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-08T13:28:51
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	3000
11 Spectrometer Frequency	100.51
12 Spectral Width	25510.2
13 Lowest Frequency	-966.7
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

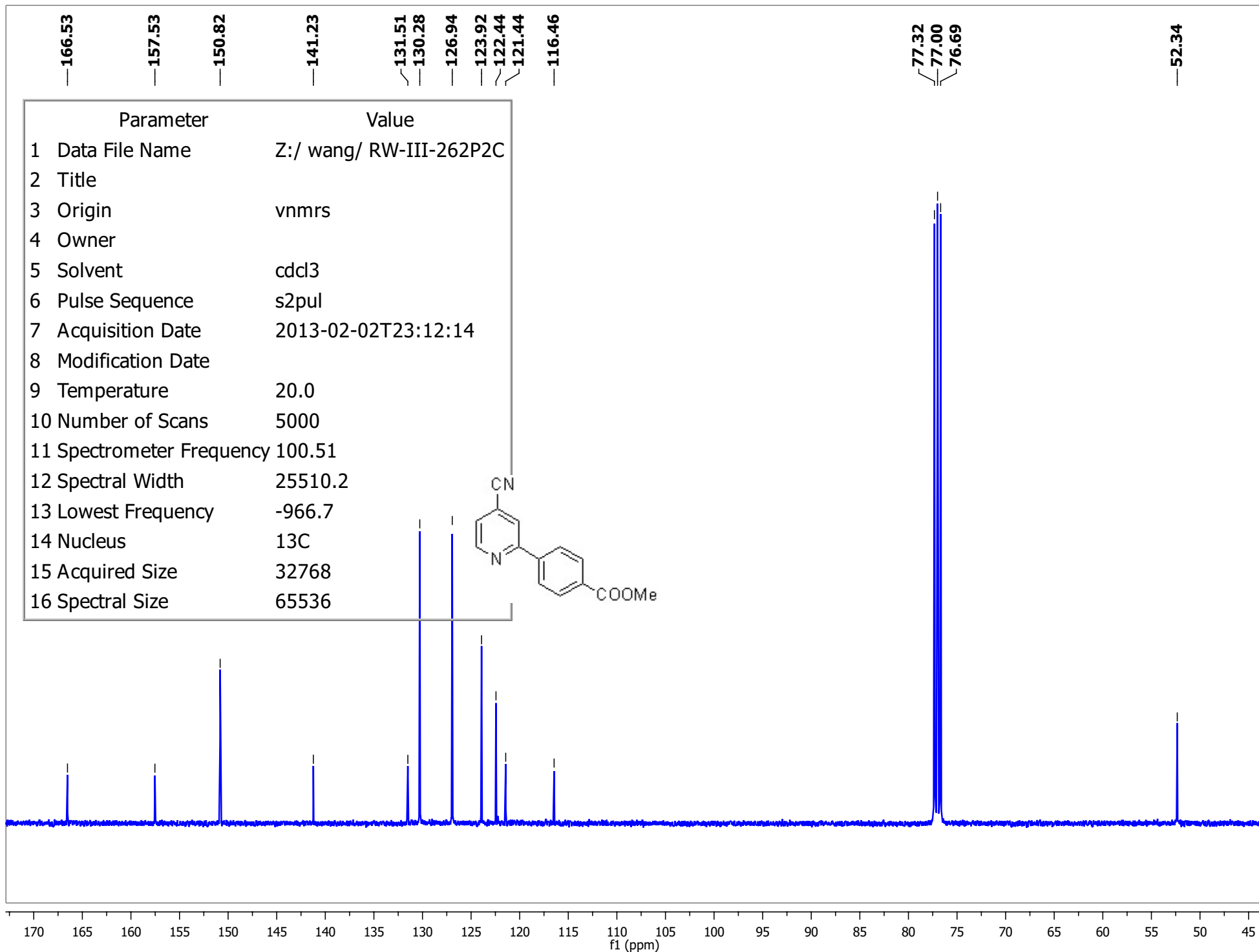


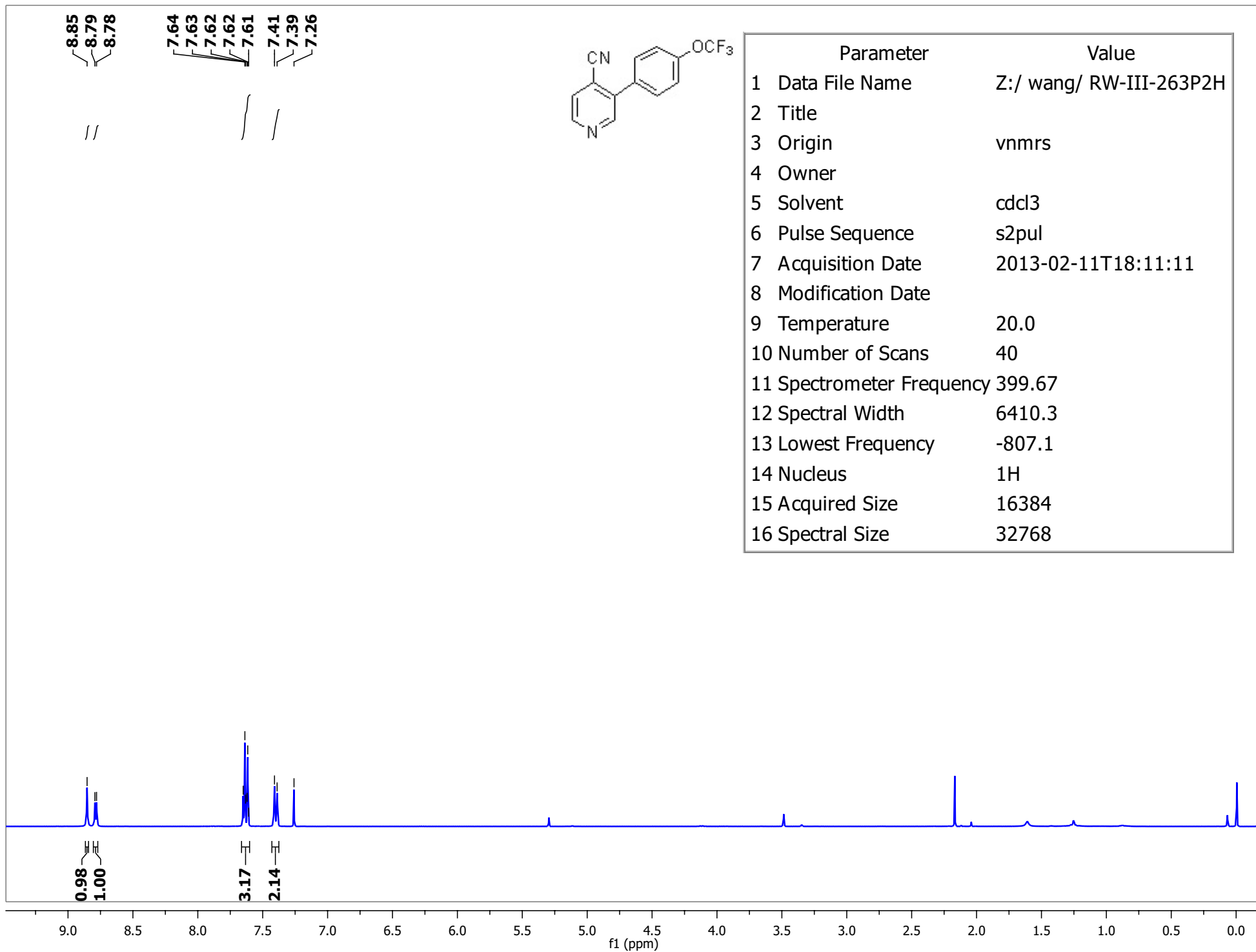
8.90  
8.89  
8.19  
8.17  
8.09  
8.07  
8.00  
7.51  
7.50  
7.26

3.96

Parameter	Value
1 Data File Name	\\z:/ wang/ RW-III-262P2H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-02T23:02:39
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	34
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



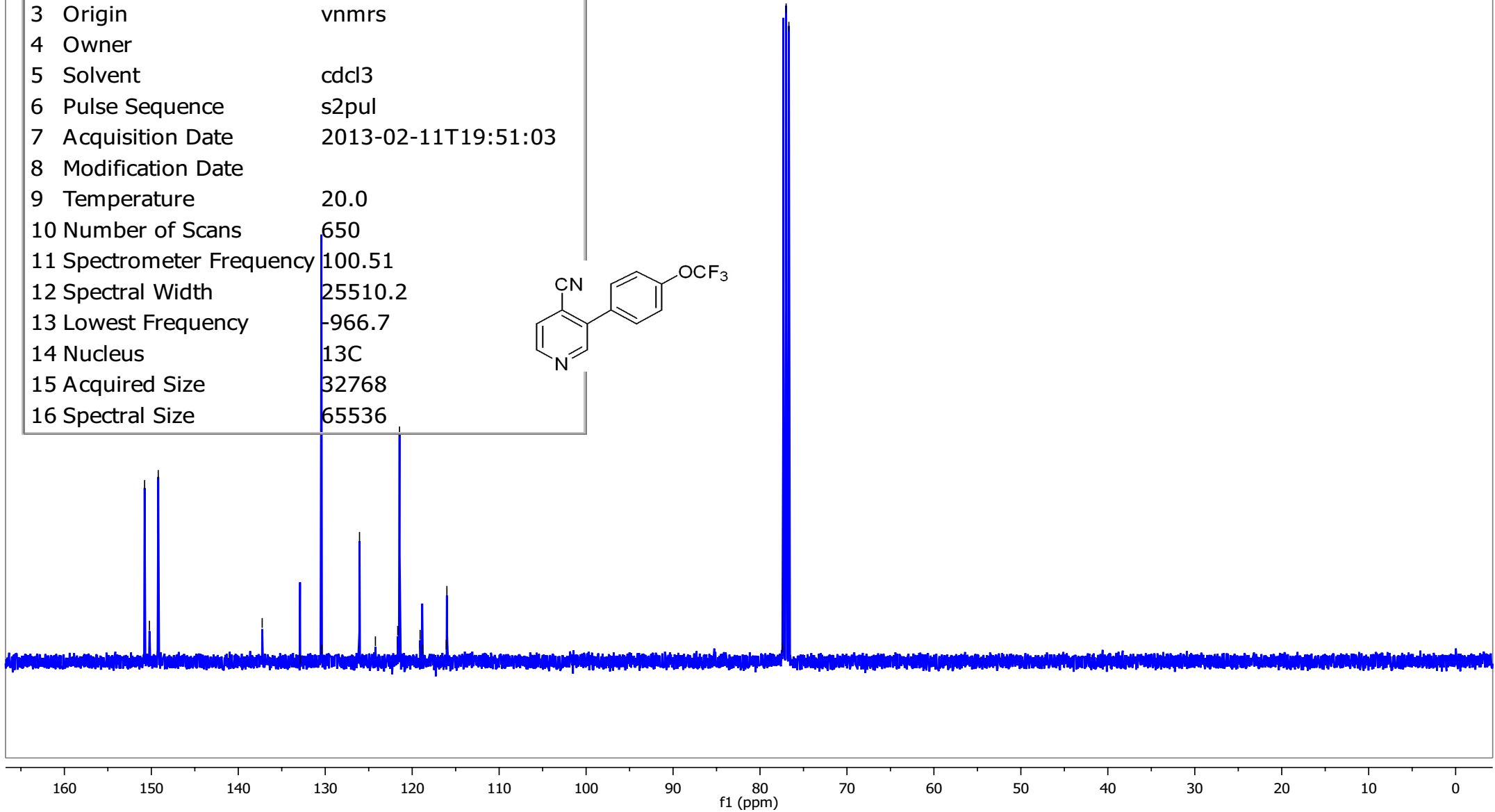
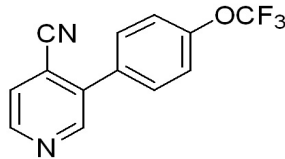




150.77  
150.22  
149.20  
137.25  
132.87  
130.39  
126.06  
124.23  
121.66  
121.46  
119.09  
118.83  
116.08  
116.01

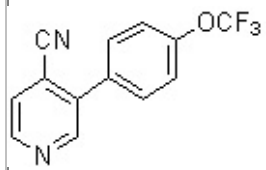
77.43  
77.00  
76.68

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-263P2
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-11T19:51:03
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	650
11 Spectrometer Frequency	100.51
12 Spectral Width	25510.2
13 Lowest Frequency	-966.7
14 Nucleus	<sup>13</sup> C
15 Acquired Size	32768
16 Spectral Size	65536



—57.81

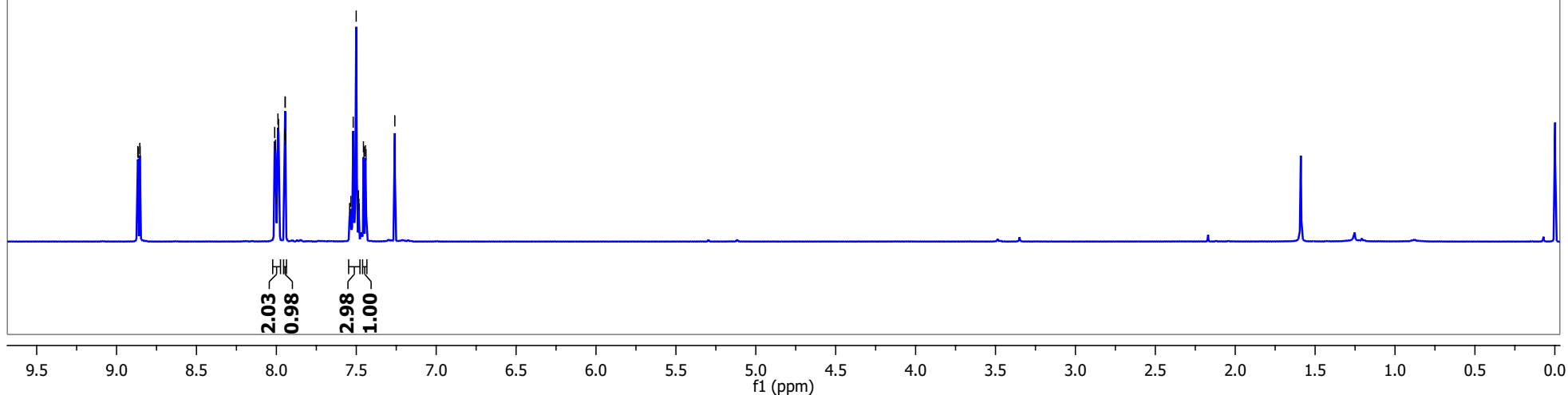
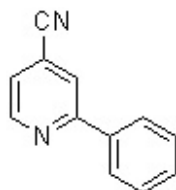
Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-263P2
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-11T19:51:03
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	650
11 Spectrometer Frequency	100.51
12 Spectral Width	25510.2
13 Lowest Frequency	-966.7
14 Nucleus	<sup>13</sup> C
15 Acquired Size	32768
16 Spectral Size	65536

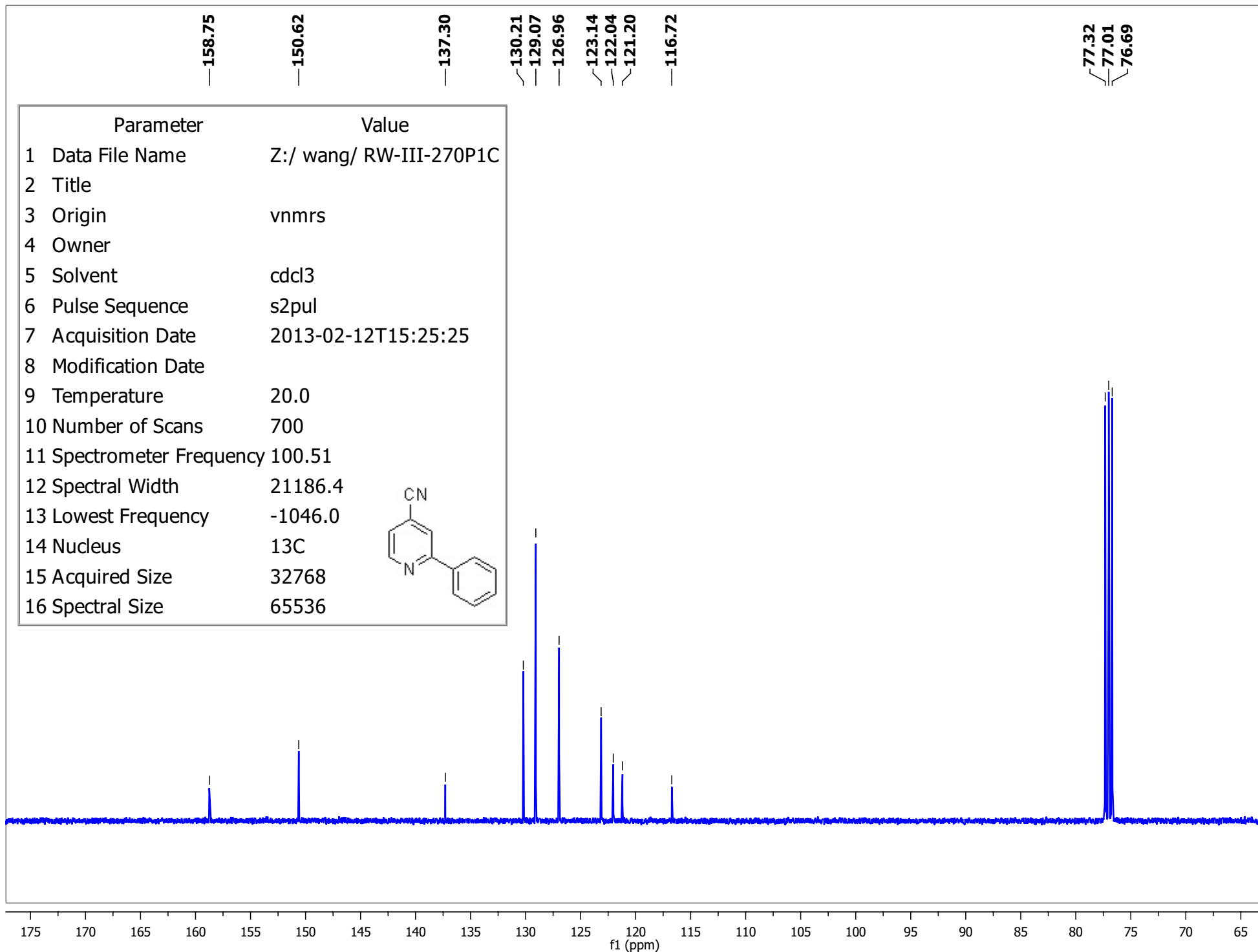


30 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 -90 -100 -120 -140 -160 -180 -200 -220 -240 -260 -280  
f1 (ppm)

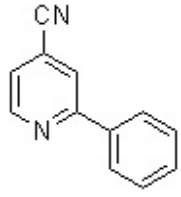
8.87  
8.87  
8.85  
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7.99  
7.95  
7.95  
7.94  
7.90  
7.46  
7.44  
7.26

Parameter	Value
1 Data File Name	Z:\wang\ RW-III-270P1H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-12T15:13:56
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



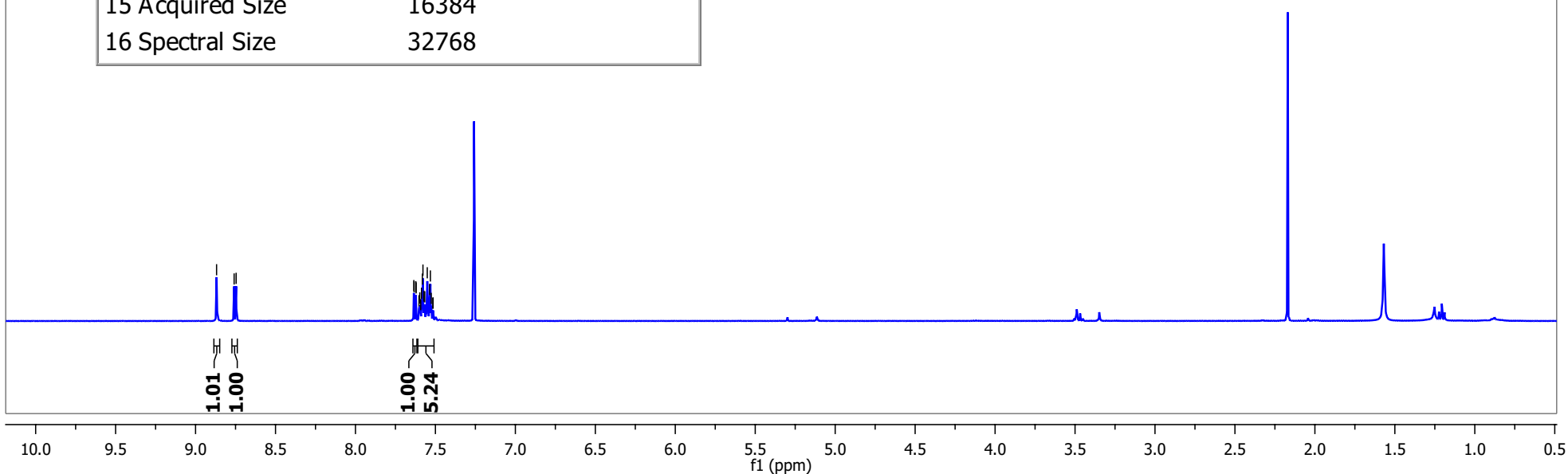
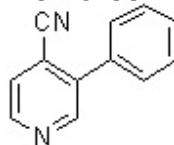


Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-270P1C
2 Title	
3 Origin	vnms
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-12T15:25:25
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	700
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

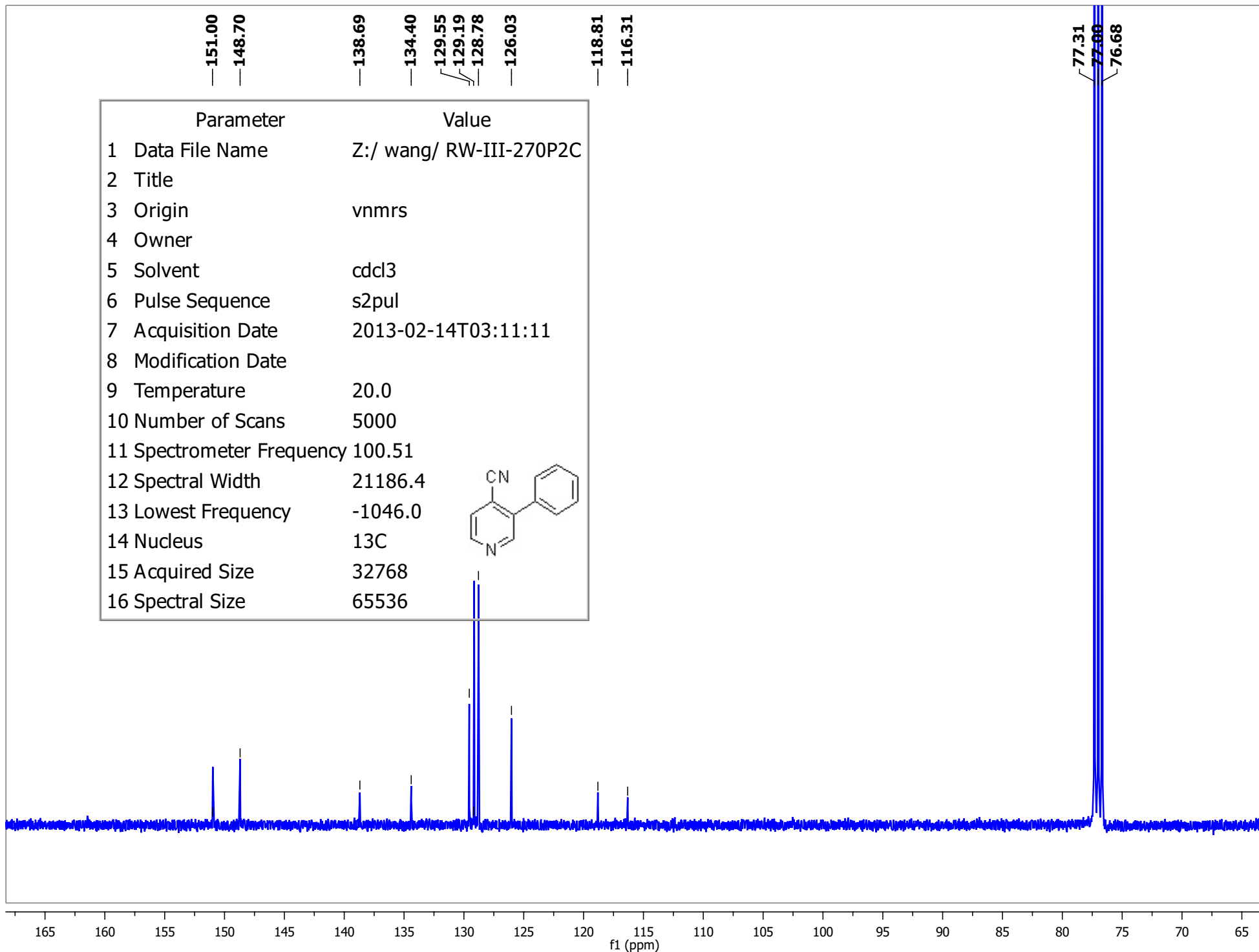


8.87  
8.76  
8.75  
7.64  
7.63  
7.62  
7.62  
7.60  
7.60  
7.59  
7.59  
7.58  
7.58  
7.57  
7.57  
7.55  
7.54  
7.53  
7.53  
7.52  
7.51

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-270P2H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-12T15:19:33
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768





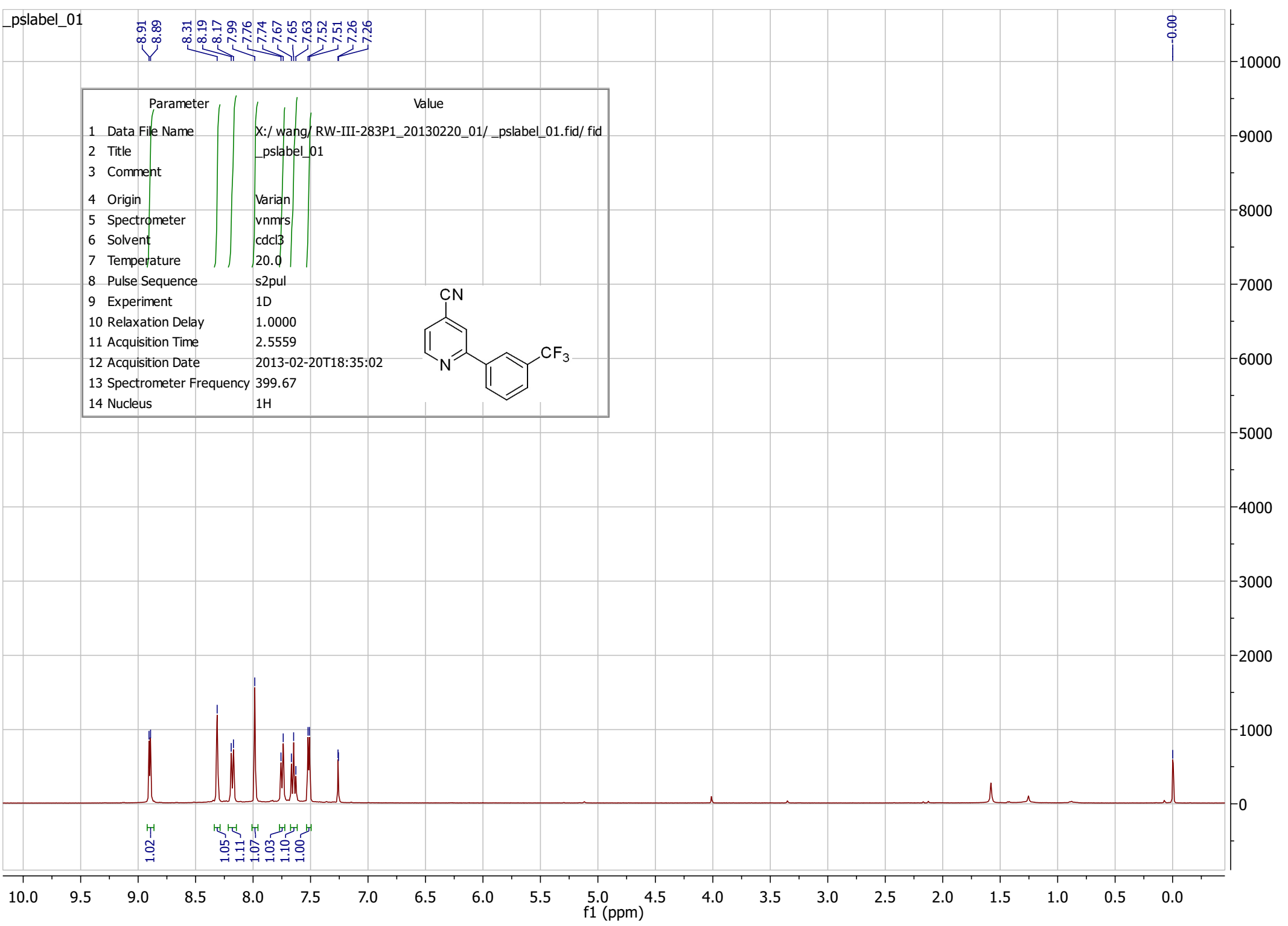
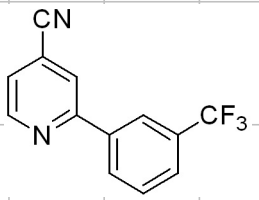


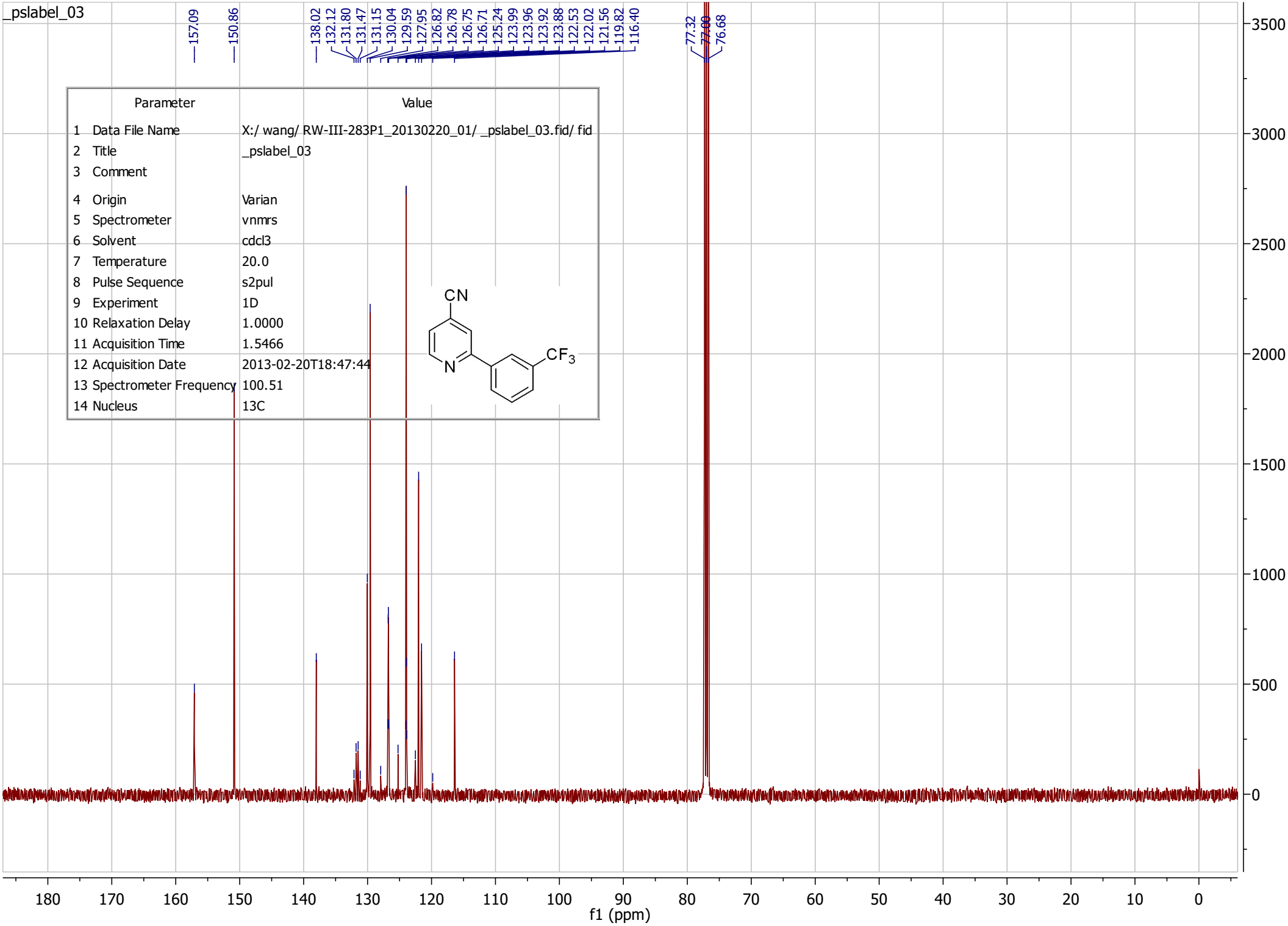
\_pslabel\_01

8.91  
8.89  
8.31  
8.19  
8.17  
7.99  
7.76  
7.74  
7.67  
7.65  
7.63  
7.52  
7.51  
7.26  
7.26

-0.00

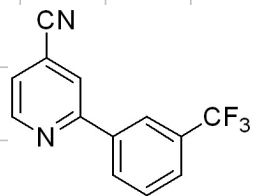
Parameter	Value
1 Data File Name	X:/ wang/ RW-III-283P1_20130220_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-20T18:35:02
13 Spectrometer Frequency	399.67
14 Nucleus	1H



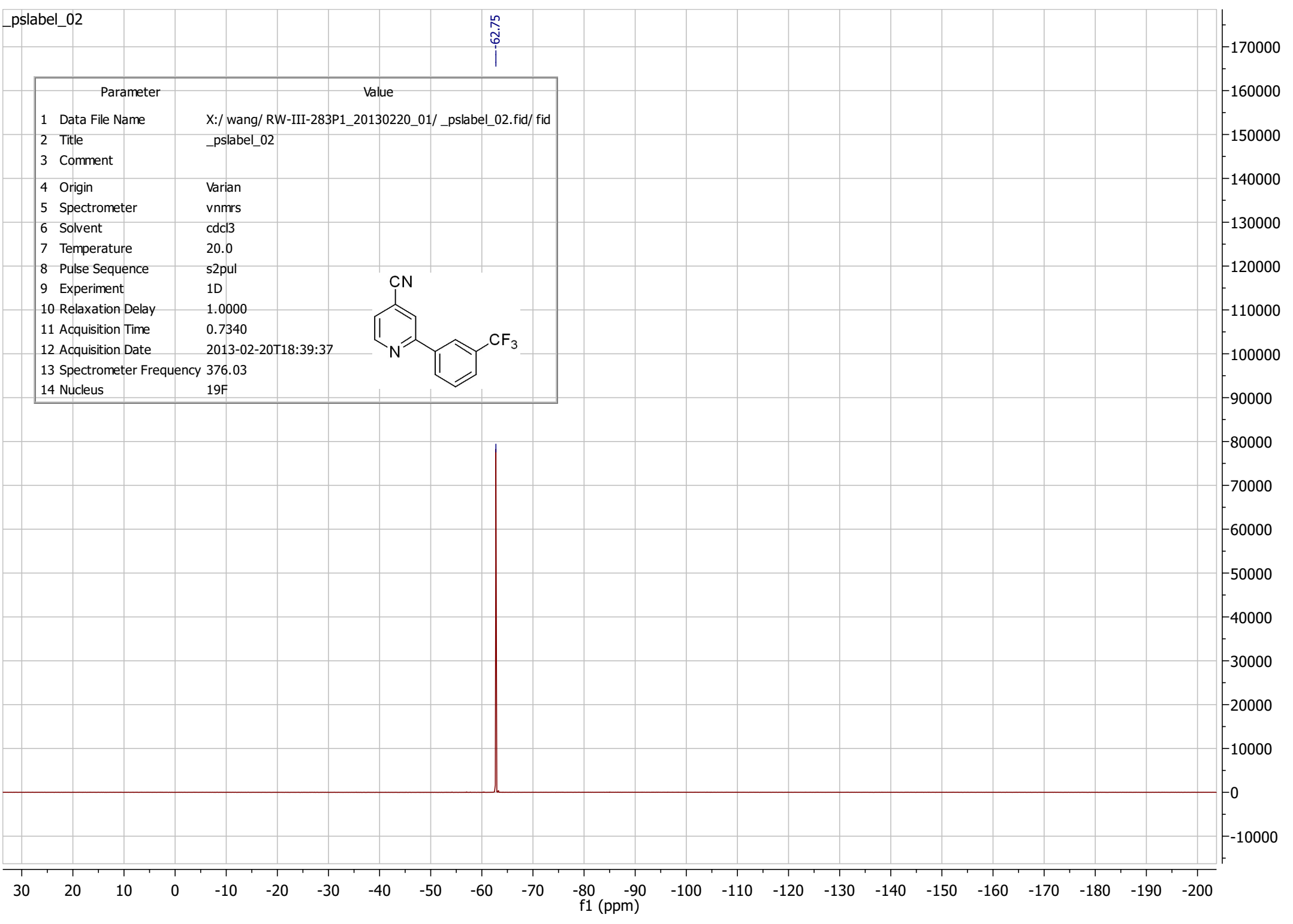


\_pslabel\_02

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-283P1_20130220_01/ _pslabel_02.fid/ fid
2 Title	_pslabel_02
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdc3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	0.7340
12 Acquisition Date	2013-02-20T18:39:37
13 Spectrometer Frequency	376.03
14 Nucleus	19F



62.75



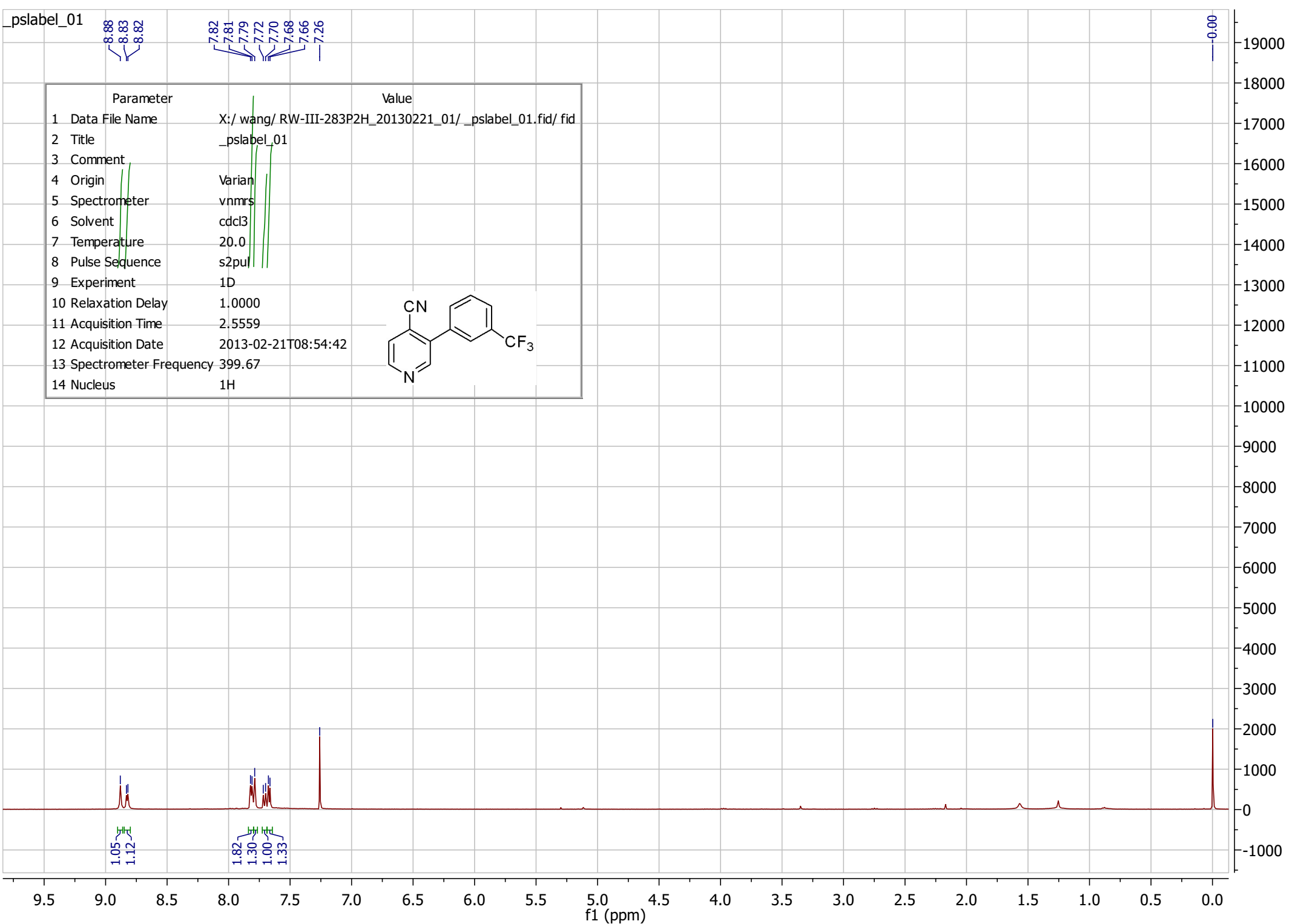
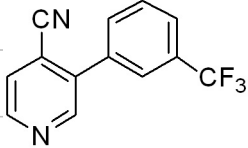
\_pslabel\_01

8.88  
8.83  
8.82

7.82  
7.81  
7.79  
7.72  
7.70  
7.68  
7.66  
7.26

0.00

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-283P2H_20130221_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmr5
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-21T08:54:42
13 Spectrometer Frequency	399.67
14 Nucleus	1H

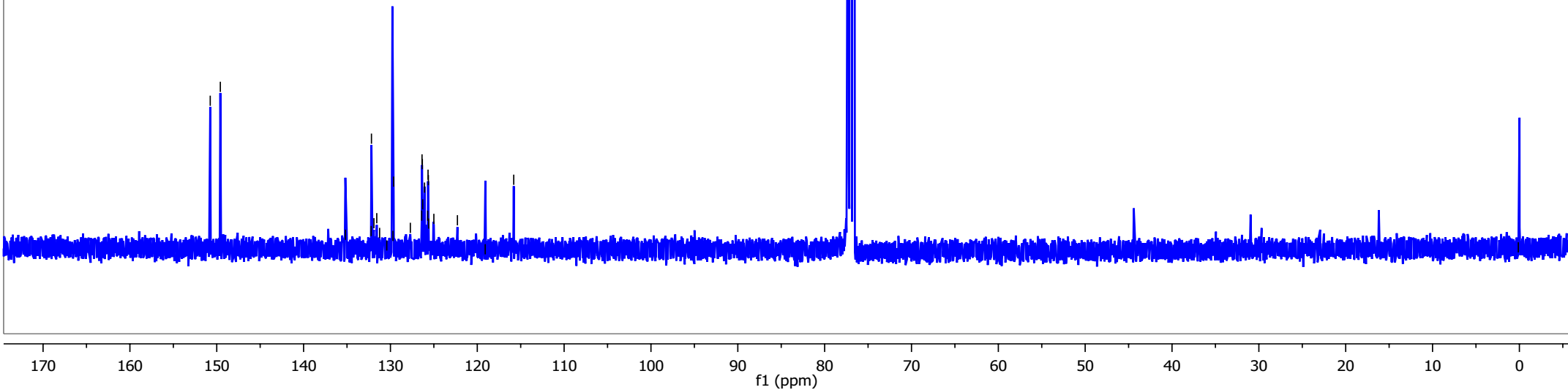
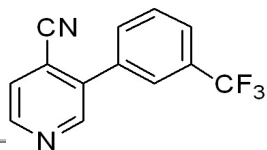


150.75  
149.59  
135.17  
132.22  
132.19  
131.90  
131.57  
131.25  
130.42  
129.71  
129.64  
127.71  
126.40  
126.36  
126.33  
126.29  
126.07  
125.71  
125.67  
125.63  
125.60  
125.00  
122.29  
119.09  
115.80

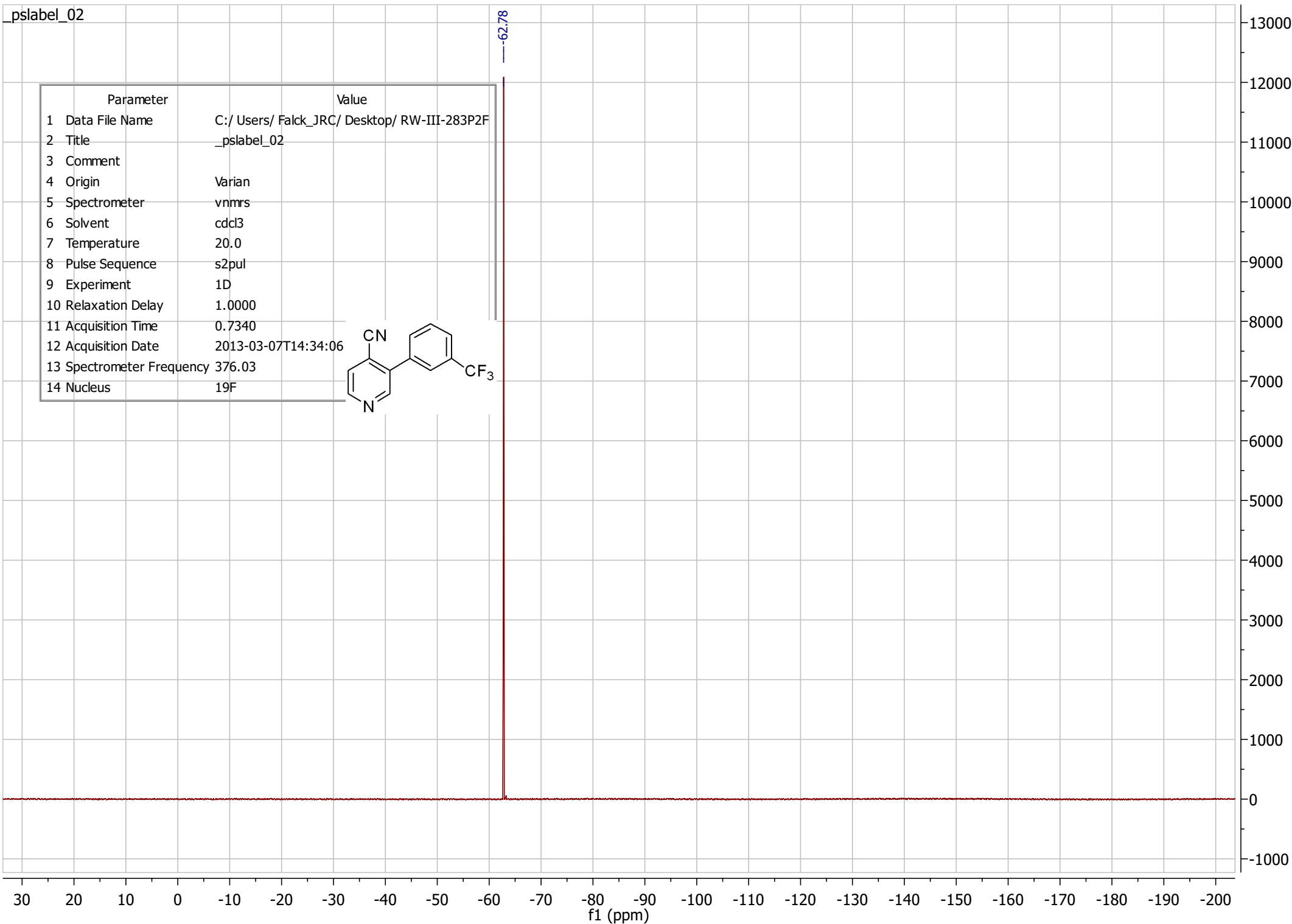
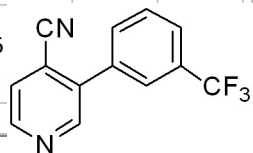
77.31  
76.99  
76.68

—0.12

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-283P2C
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-03-08T00:04:10
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	10000
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



Parameter	Value
1 Data File Name	C:/Users/Falck_JRC/Desktop/RW-III-283P2F
2 Title	_pslabel_02
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	0.7340
12 Acquisition Date	2013-03-07T14:34:06
13 Spectrometer Frequency	376.03
14 Nucleus	19F

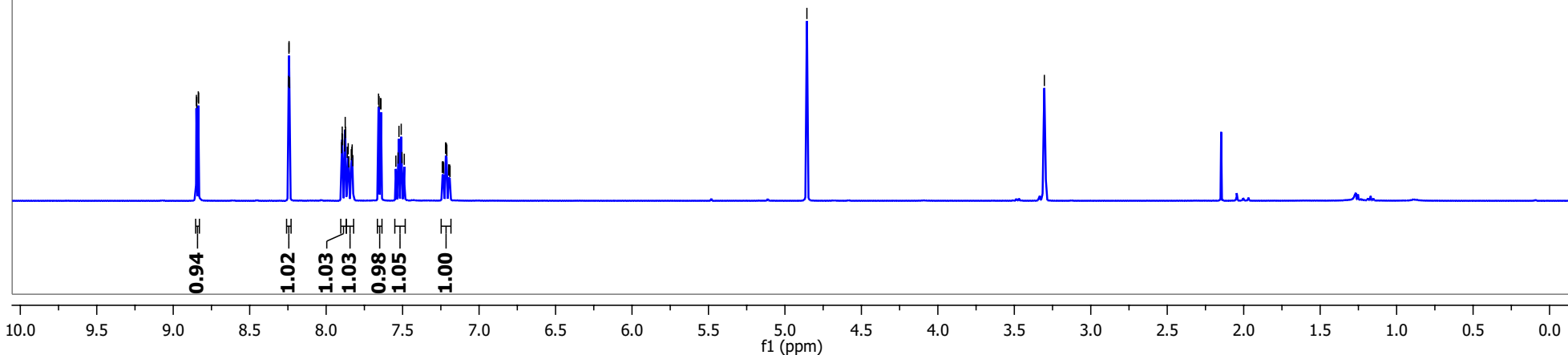
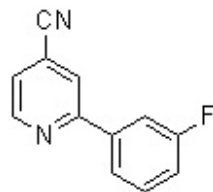


8.85  
8.85  
8.84  
8.83  
8.25  
8.24  
8.24  
8.24  
7.87  
7.83  
7.54  
7.49  
7.24  
7.22  
7.22  
7.21  
7.21  
7.20  
7.20  
7.19  
7.19

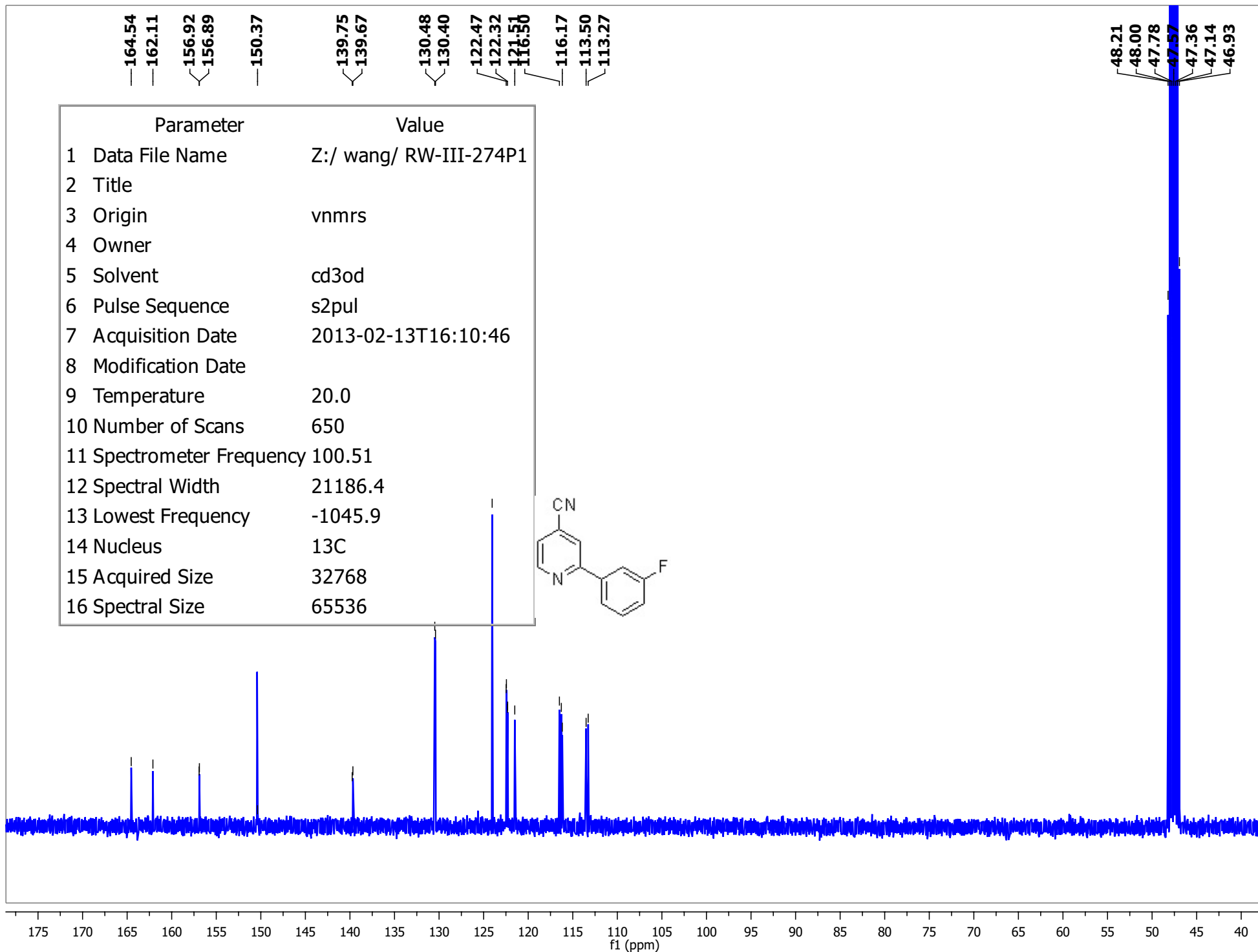
4.86

3.30

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-274P1
2 Title	
3 Origin	vnMrs
4 Owner	
5 Solvent	cd3od
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-13T16:08:09
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768







8.85  
8.78  
8.77

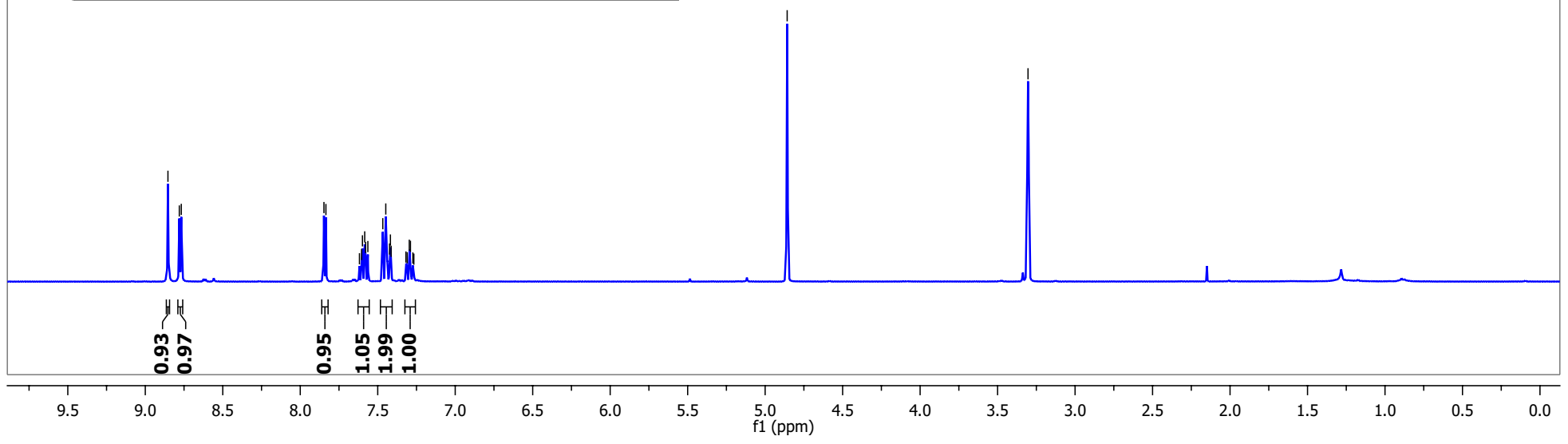
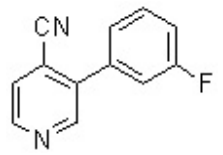
7.85  
7.83

7.47  
7.45  
7.42  
7.42  
7.41  
7.32  
7.31  
7.30  
7.29  
7.27  
7.27

4.86

3.30

Parameter	Value
1 Data/File Name	Z:/ wang/ RW-III-274P2H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cd3od
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-13T15:39:46
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



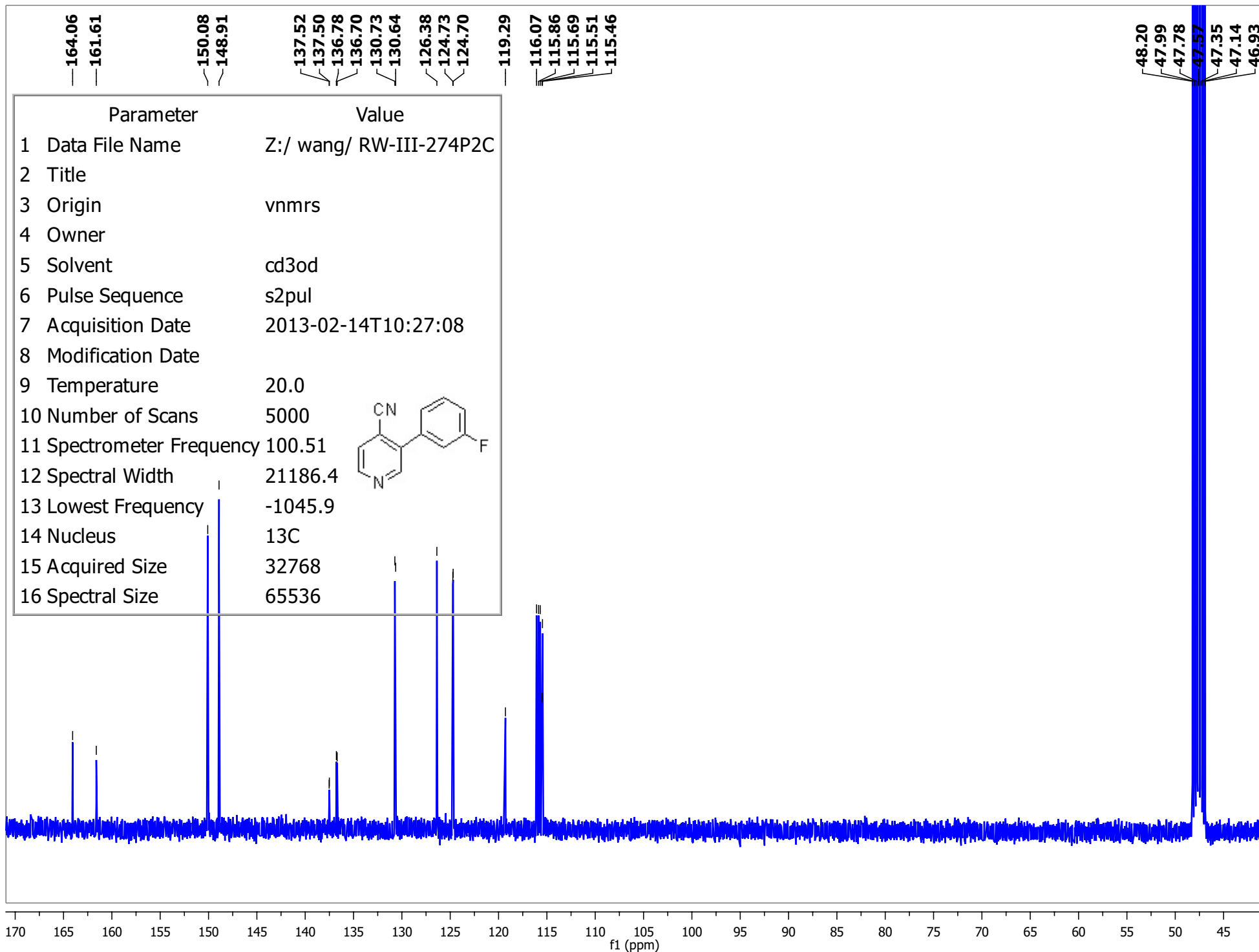
0.93  
0.97

0.95

1.05  
1.99  
1.00

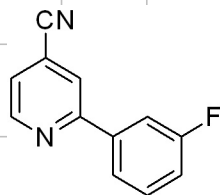
4.86

3.30

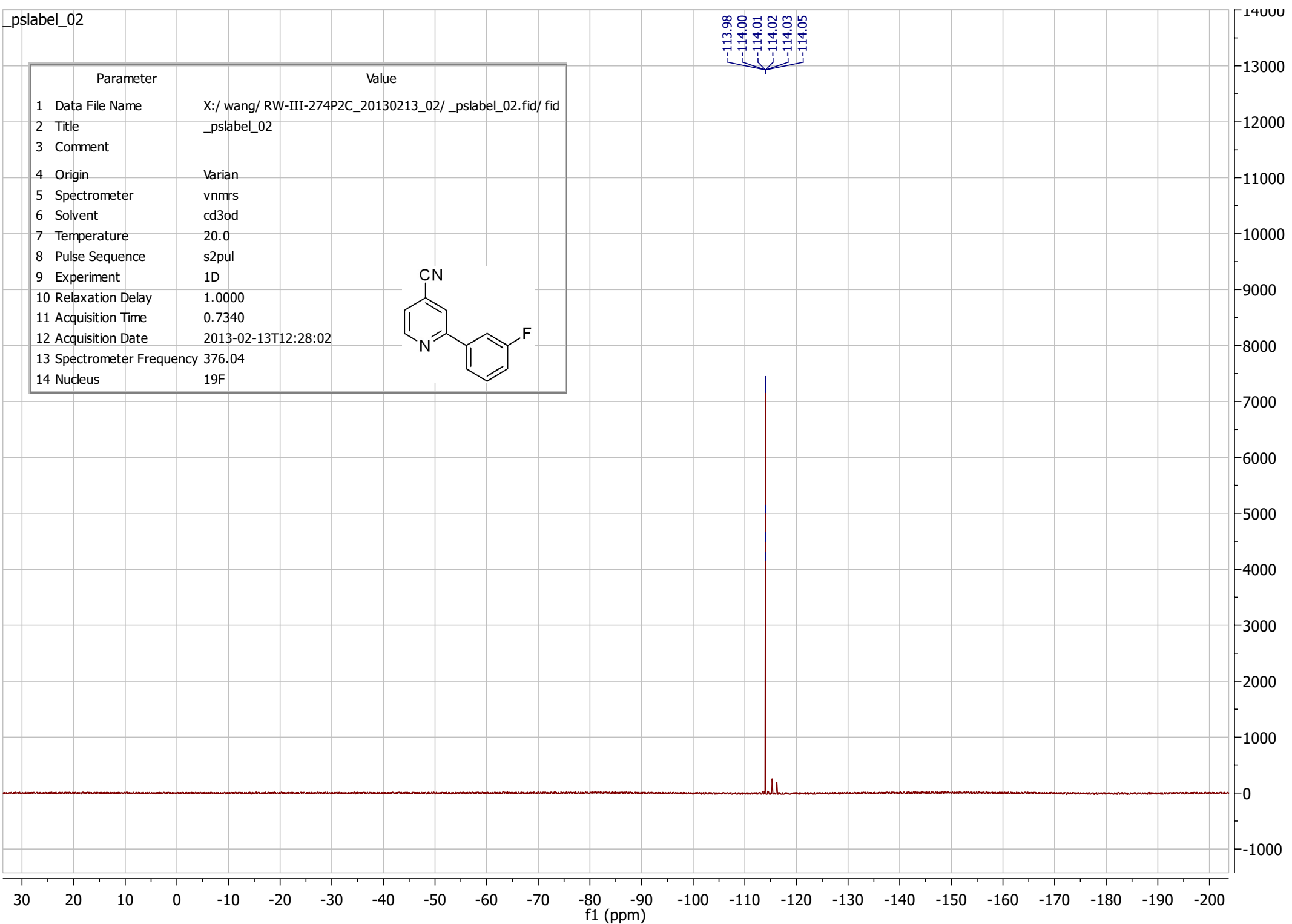


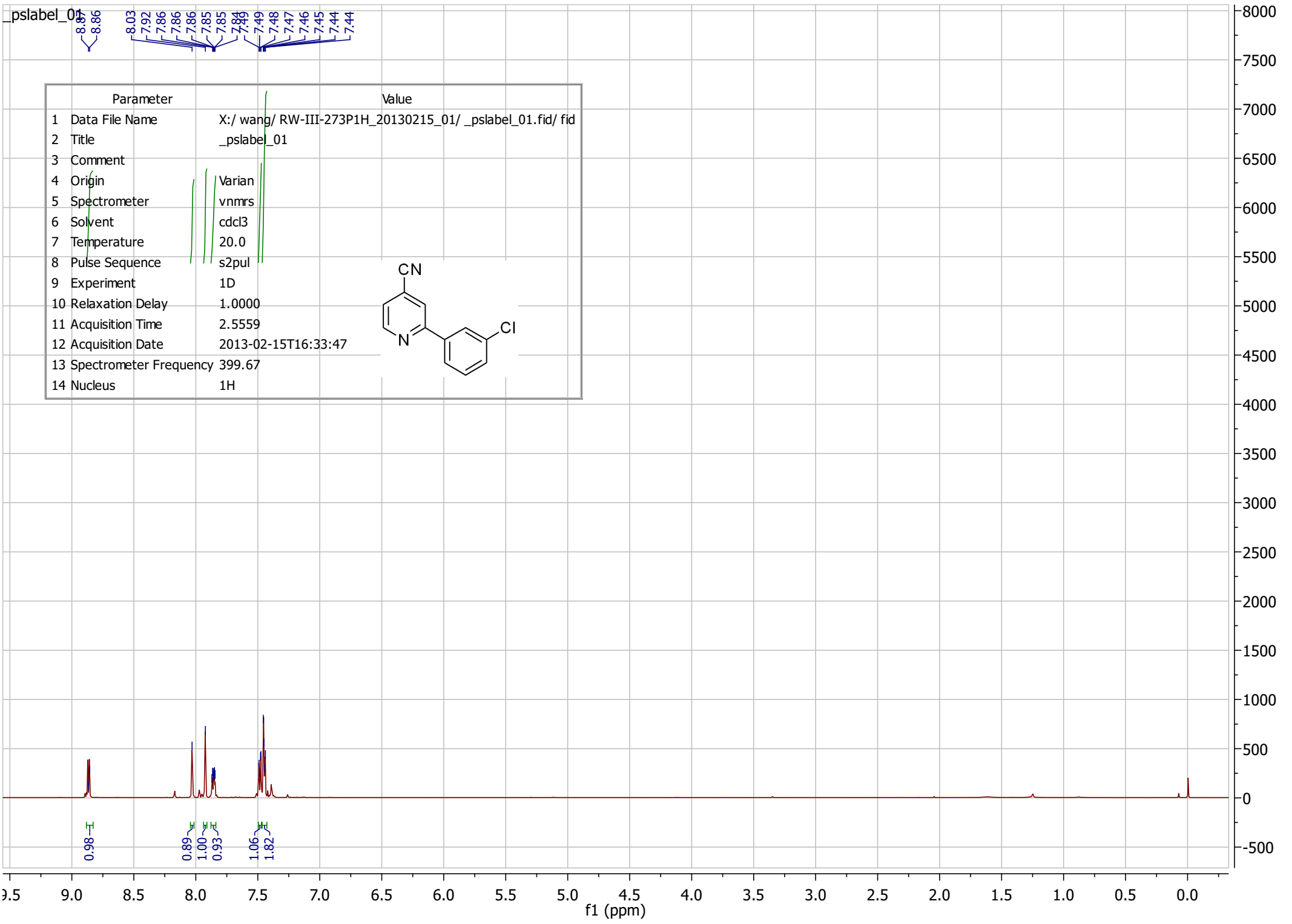
\_pslabel\_02

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-274P2C_20130213_02/ _pslabel_02.fid/ fid
2 Title	_pslabel_02
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cd3od
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	0.7340
12 Acquisition Date	2013-02-13T12:28:02
13 Spectrometer Frequency	376.04
14 Nucleus	19F

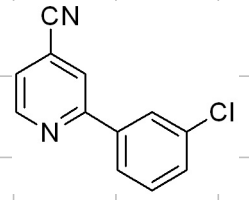


-113.98  
-114.00  
-114.01  
-114.02  
-114.03  
-114.05





Parameter	Value
1 Data File Name	X:/ wang/ RW-III-273P1H_20130215_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-15T16:33:47
13 Spectrometer Frequency	399.67
14 Nucleus	1H



0.98

0.89

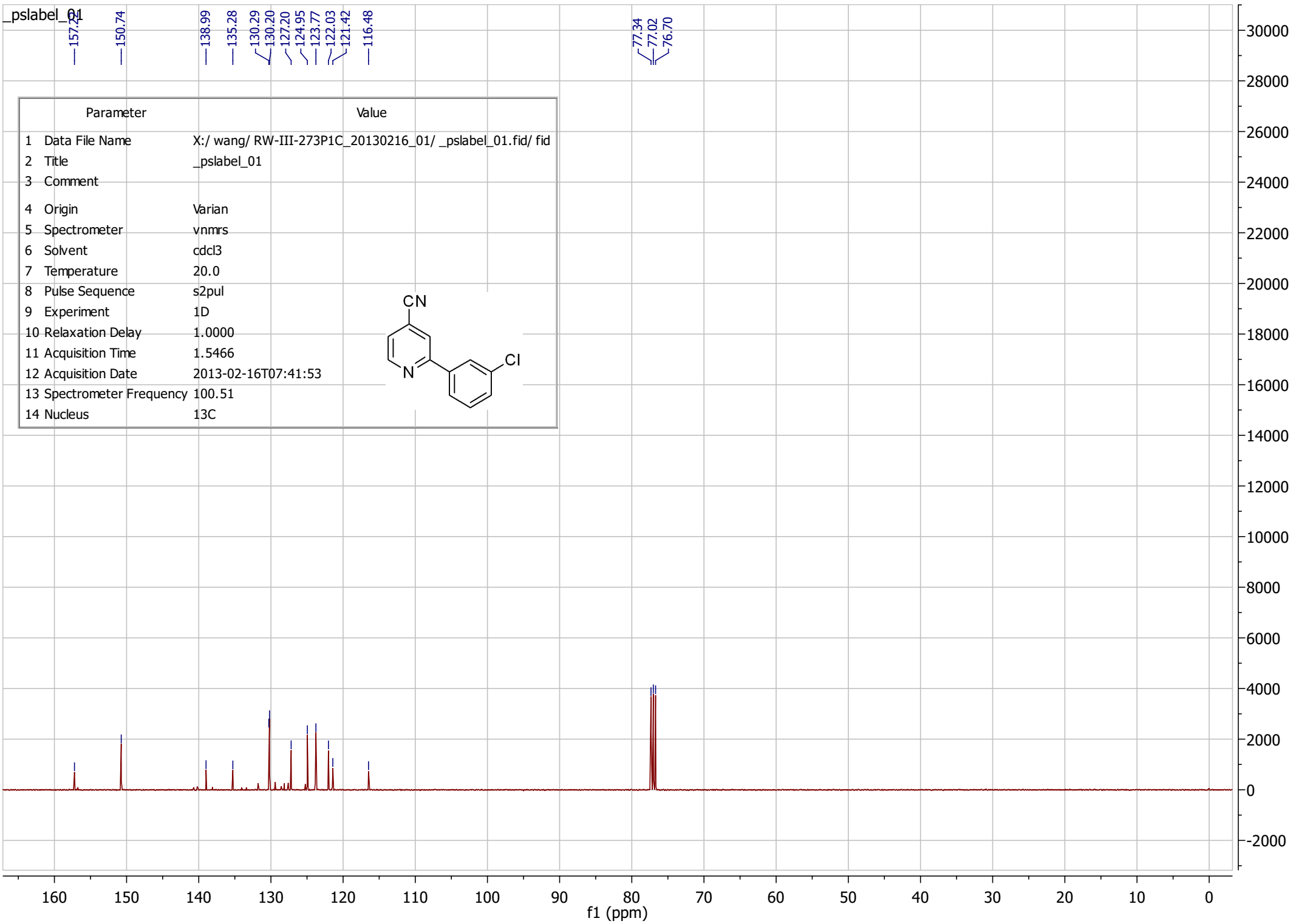
1.00

0.93

1.06

1.82

f1 (ppm)



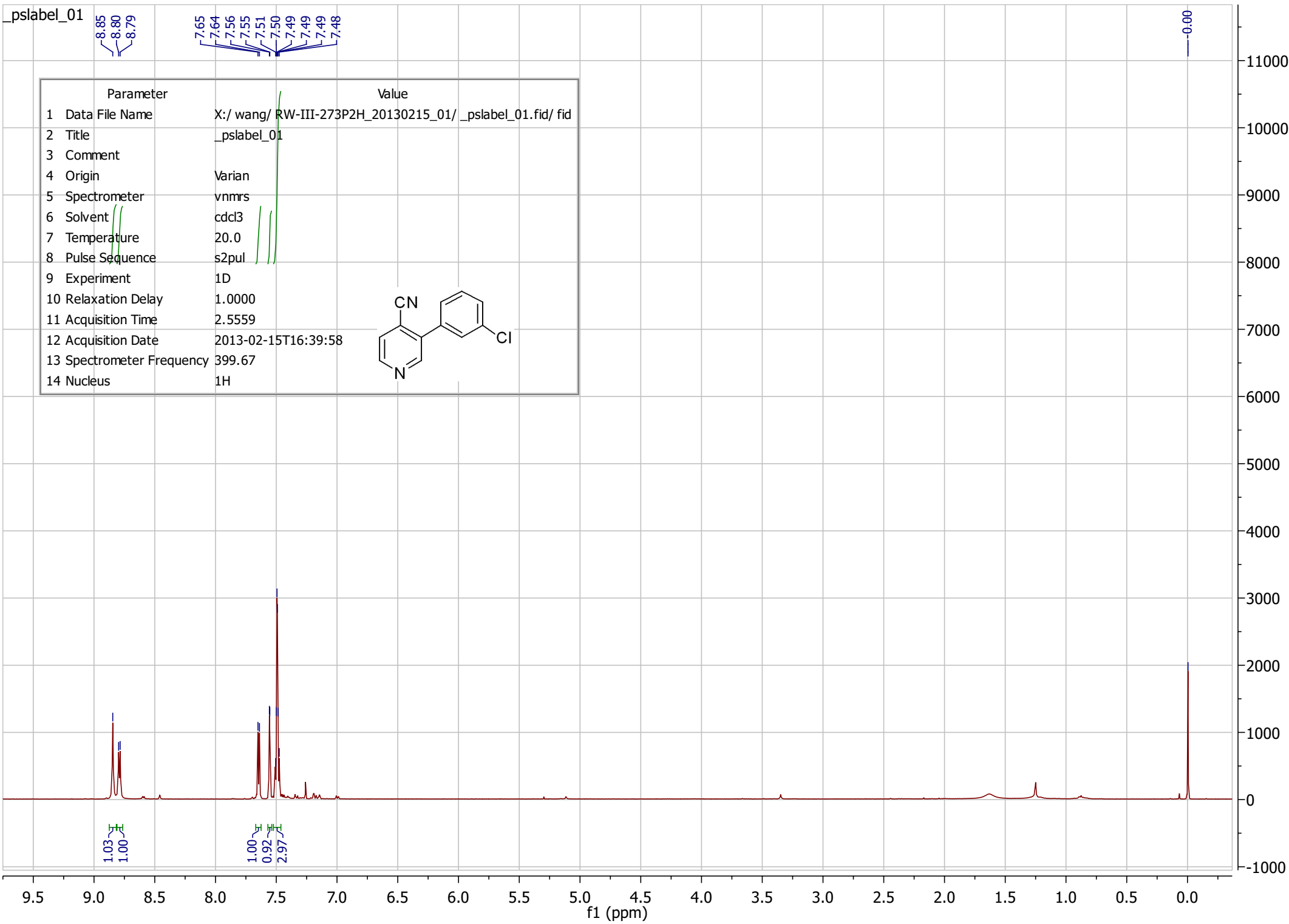
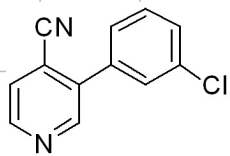
\_pslabel\_01

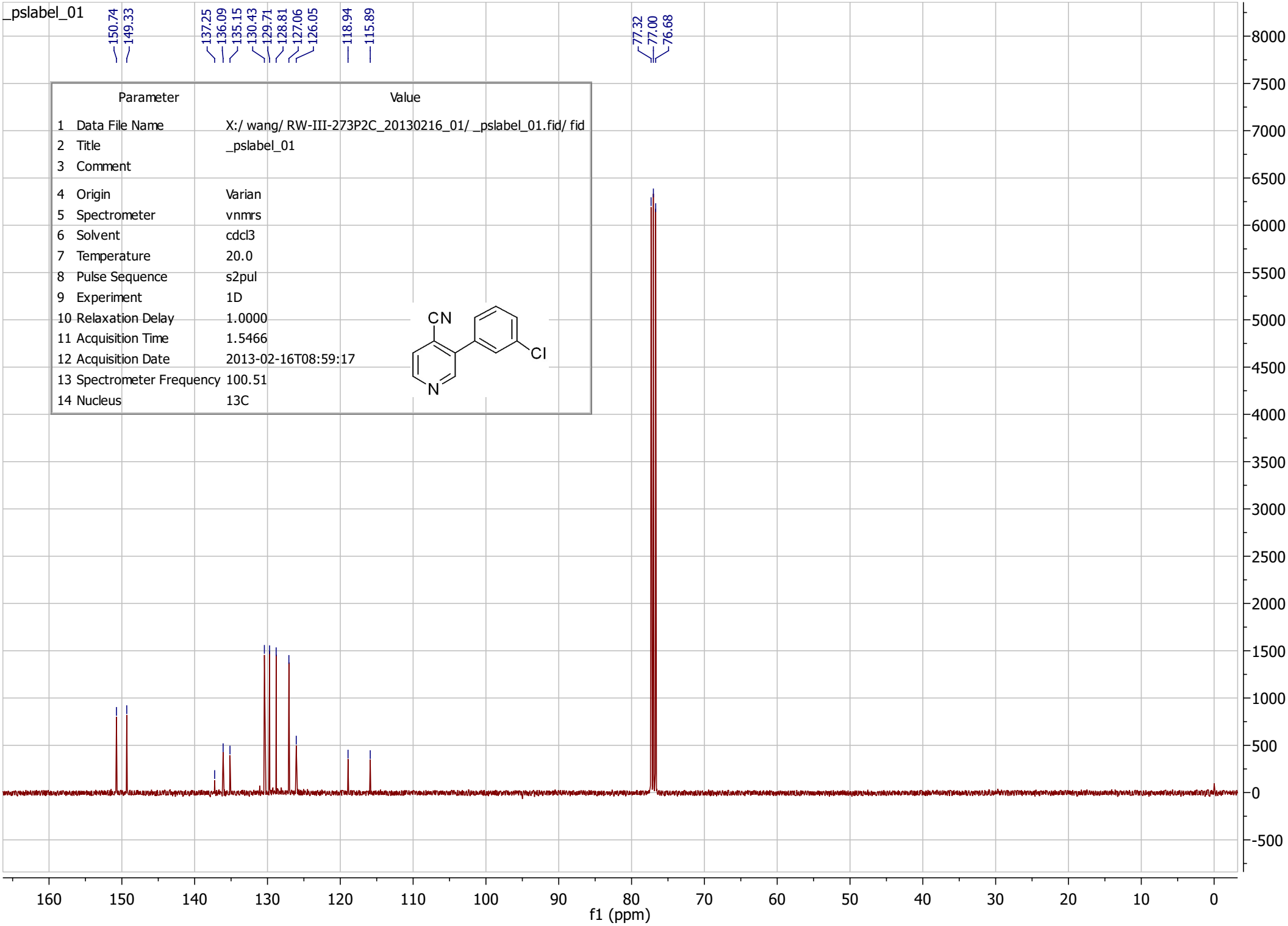
8.85  
8.80  
8.79

7.65  
7.64  
7.56  
7.55  
7.51  
7.50  
7.49  
7.49  
7.48

-0.00

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-273P2H_20130215_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-15T16:39:58
13 Spectrometer Frequency	399.67
14 Nucleus	1H





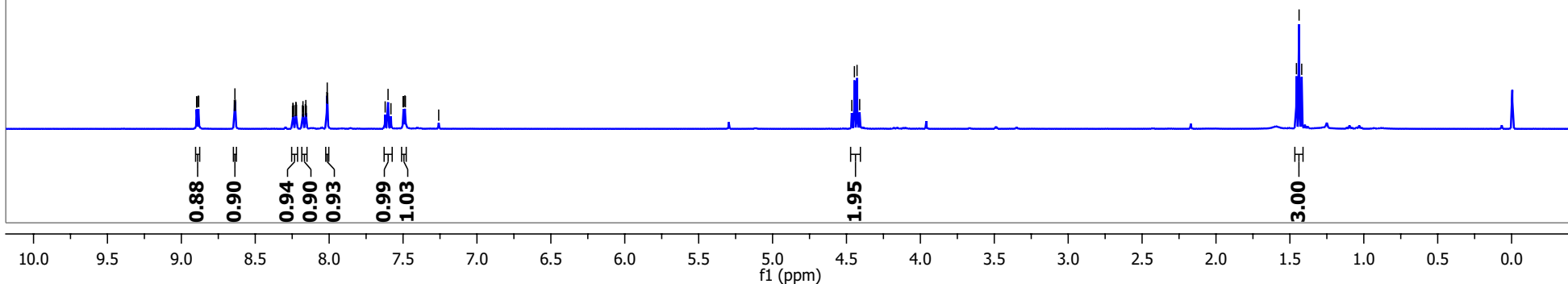
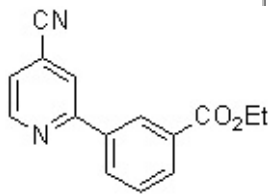


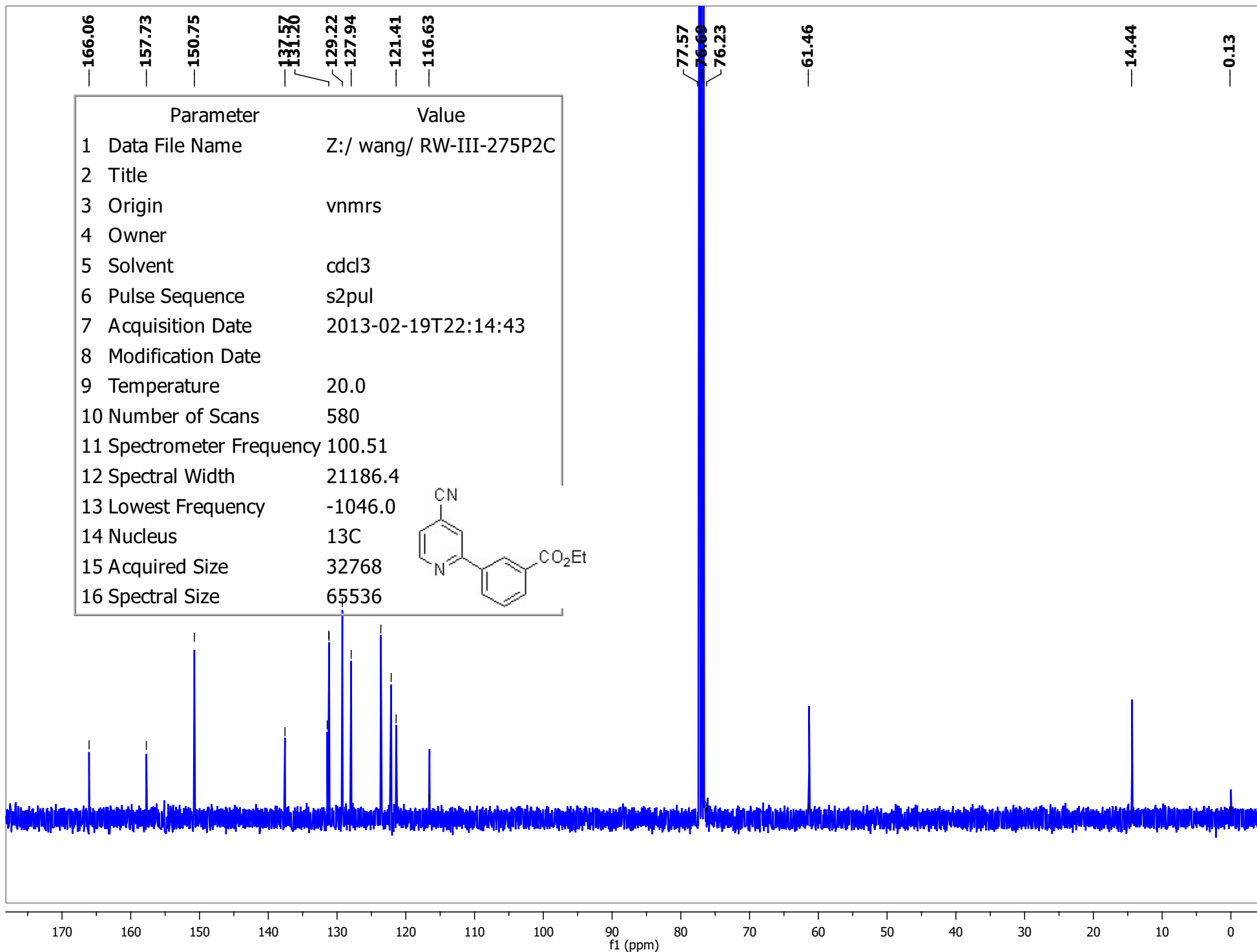
8.90  
8.89  
8.88  
8.88  
8.64  
8.63  
8.22  
8.16  
9.82  
7.50  
7.48  
7.26

4.46  
4.45  
4.43  
4.41

1.46  
1.44  
1.42

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-275P2H
2 Title	
3 Origin	vnMrs
4 Owner	
5 Solvent	cdCl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-19T20:51:43
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768





\_pslabel\_01

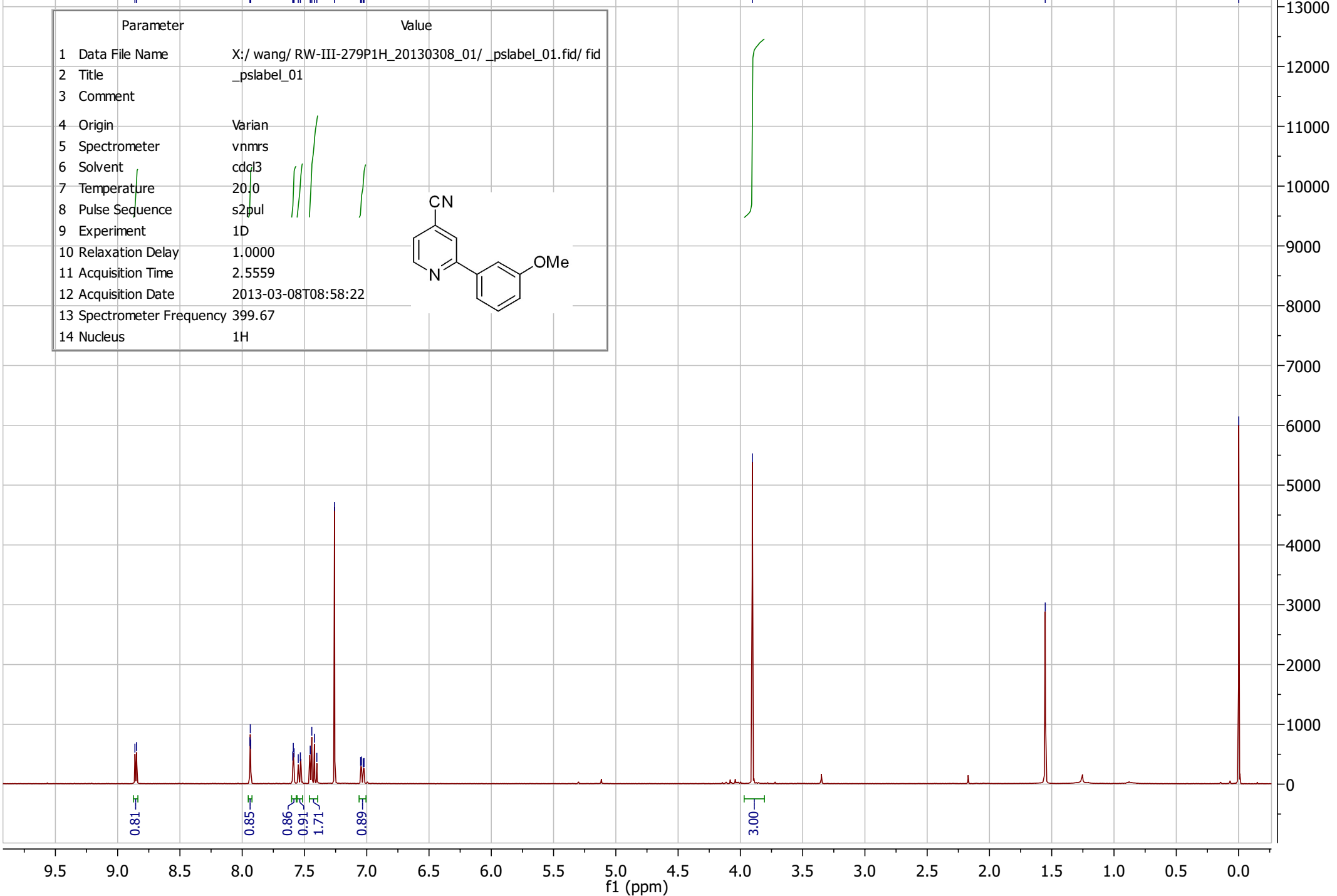
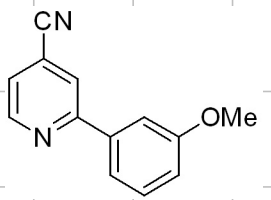
8.86  
8.85  
7.94  
7.94  
7.93  
7.59  
7.59  
7.58  
7.55  
7.53  
7.45  
7.44  
7.42  
7.40  
7.26  
7.05  
7.04  
7.03  
7.02

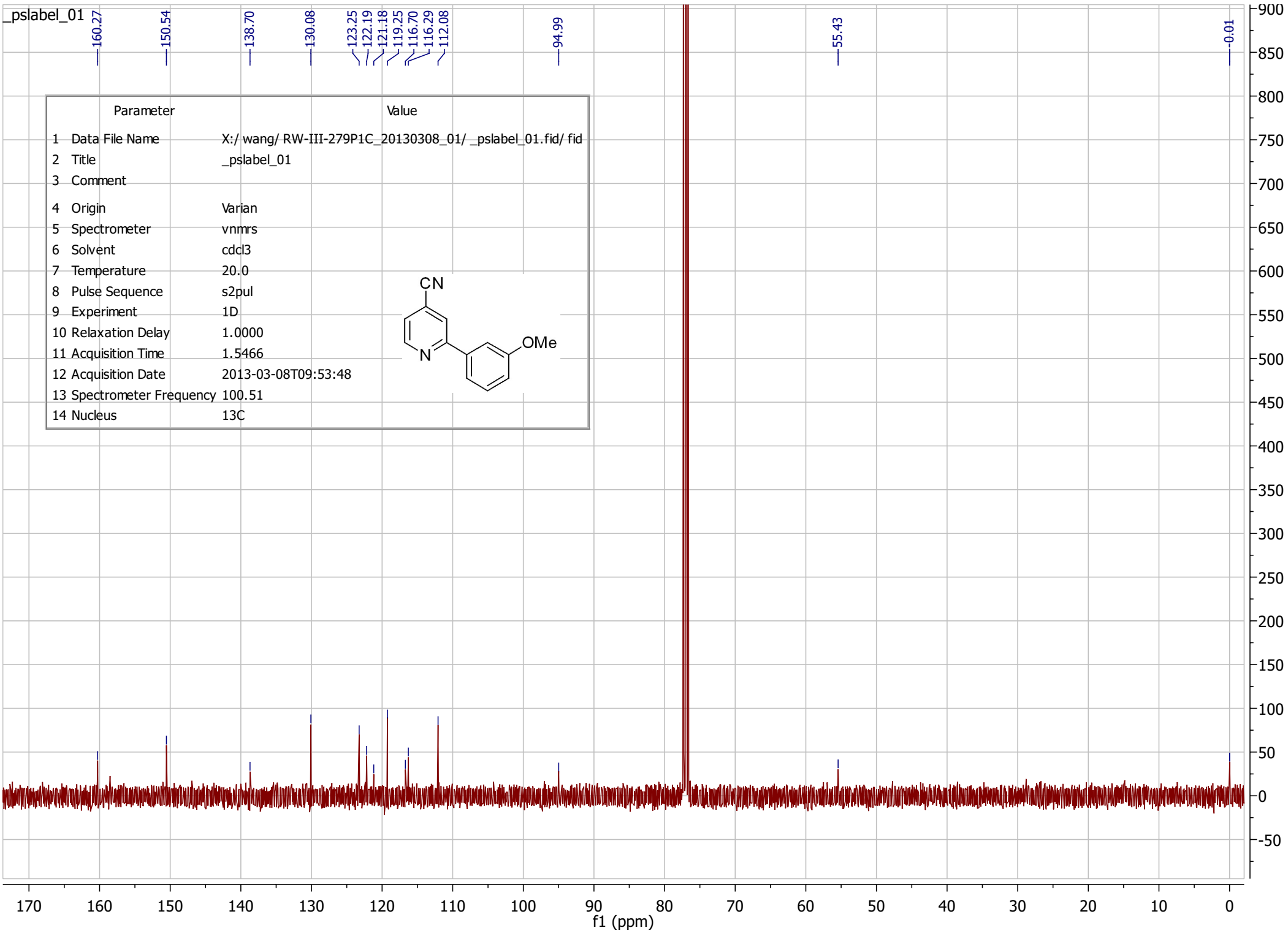
3.90

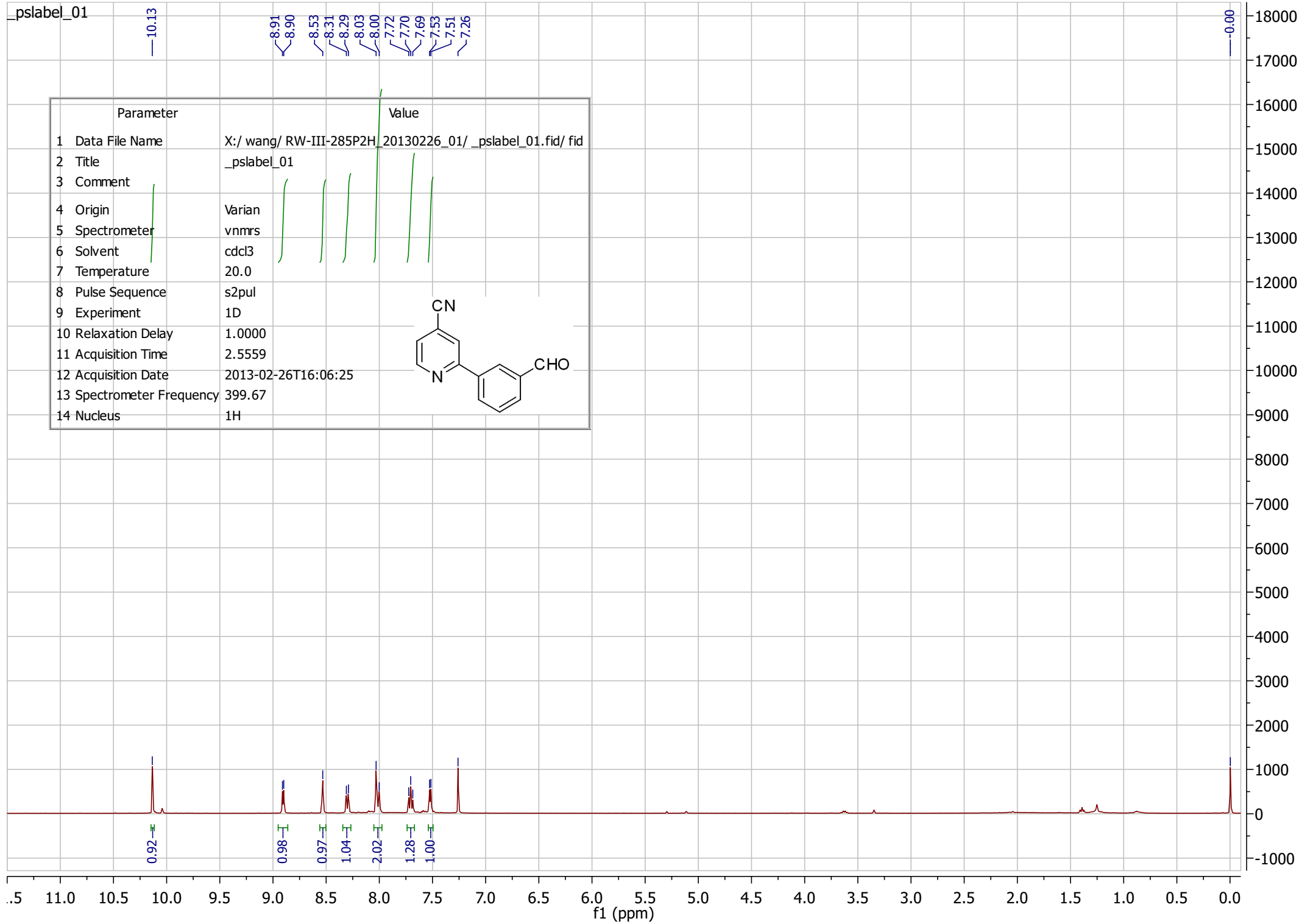
1.55

-0.00

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-279P1H_20130308_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-03-08T08:58:22
13 Spectrometer Frequency	399.67
14 Nucleus	1H







\_pslabel\_01

191.72

157.21

150.85

138.25

137.09

132.59

131.01

129.86

128.23

123.93

122.04

121.57

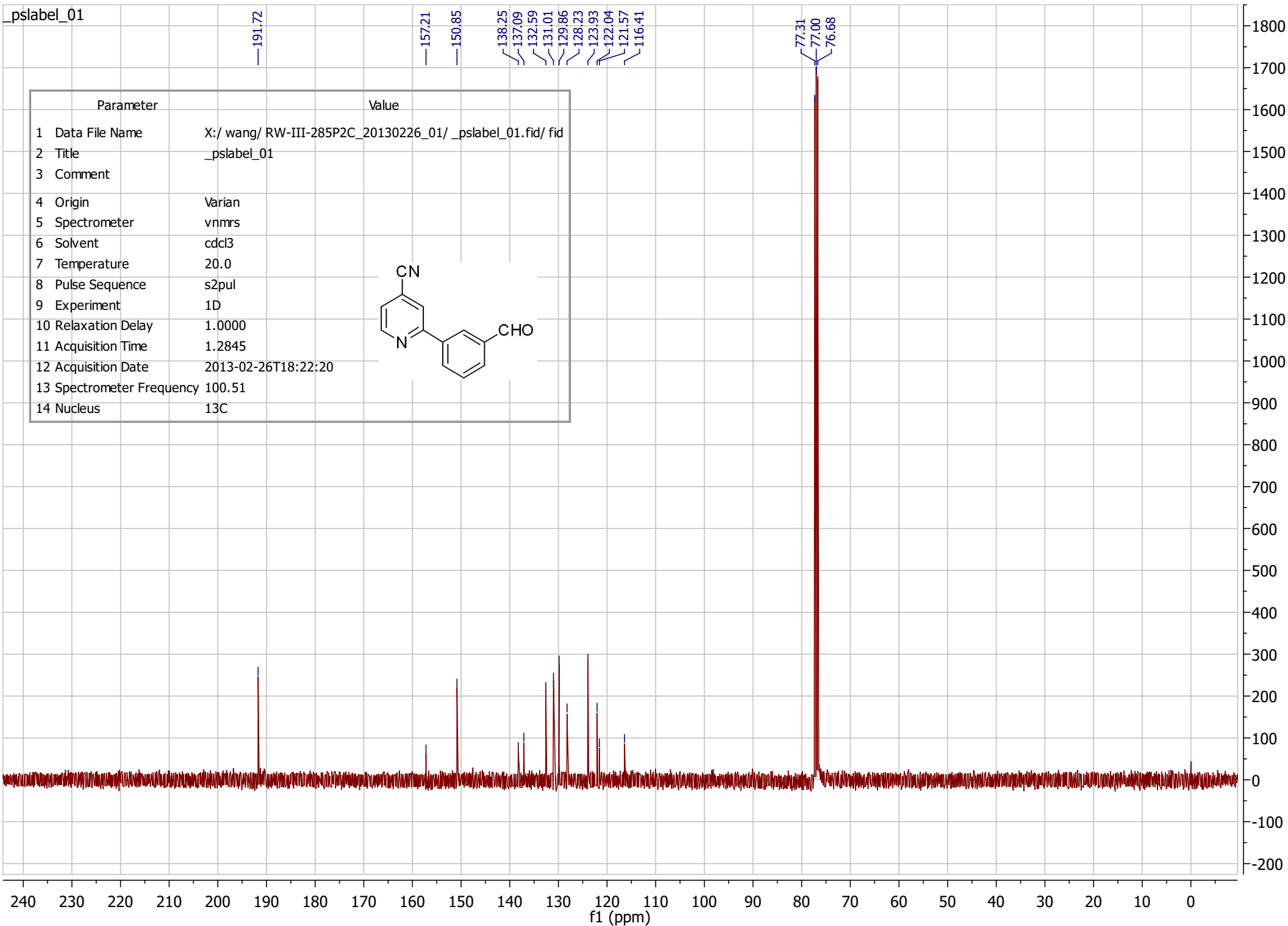
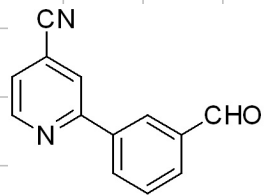
116.41

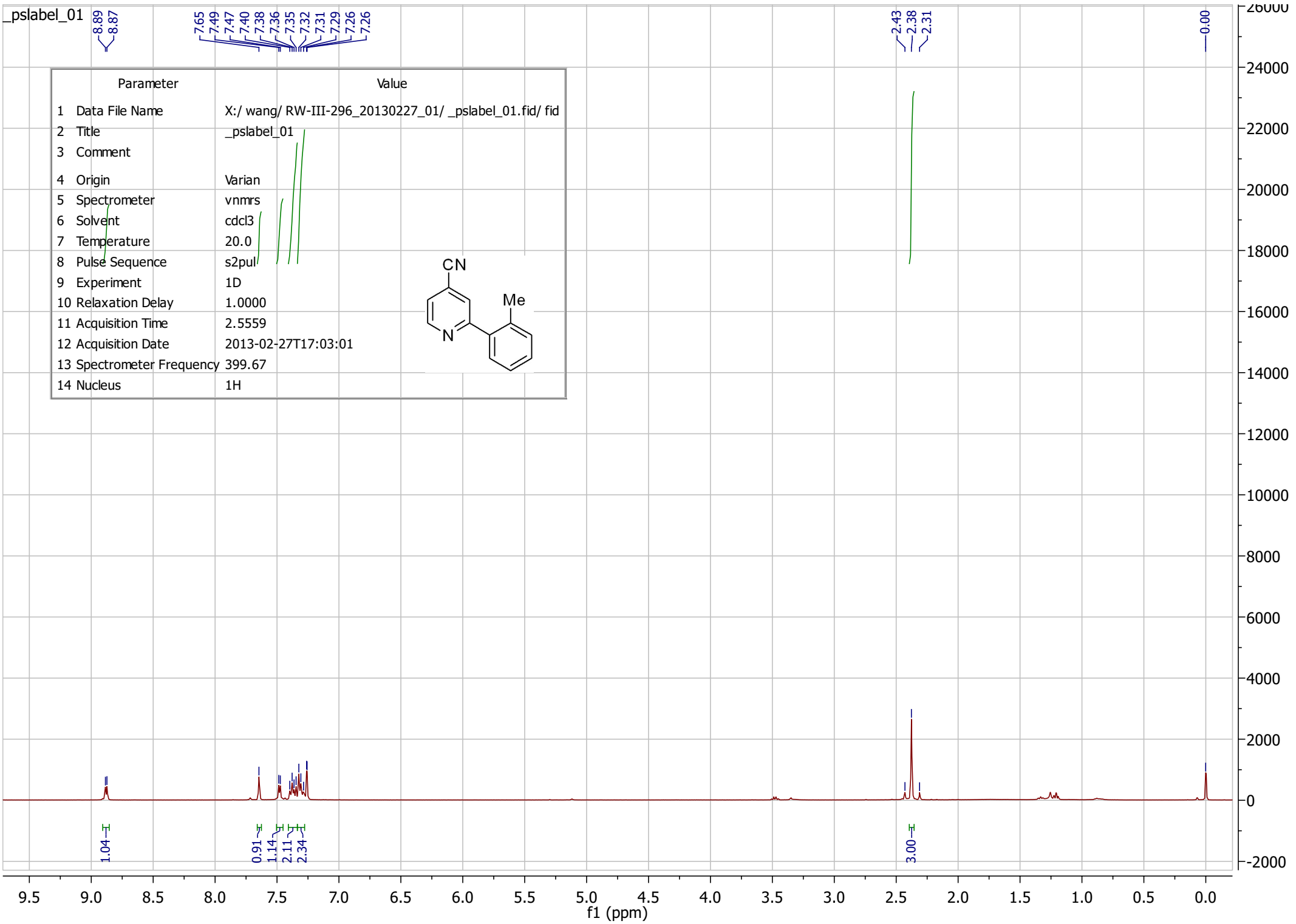
77.31

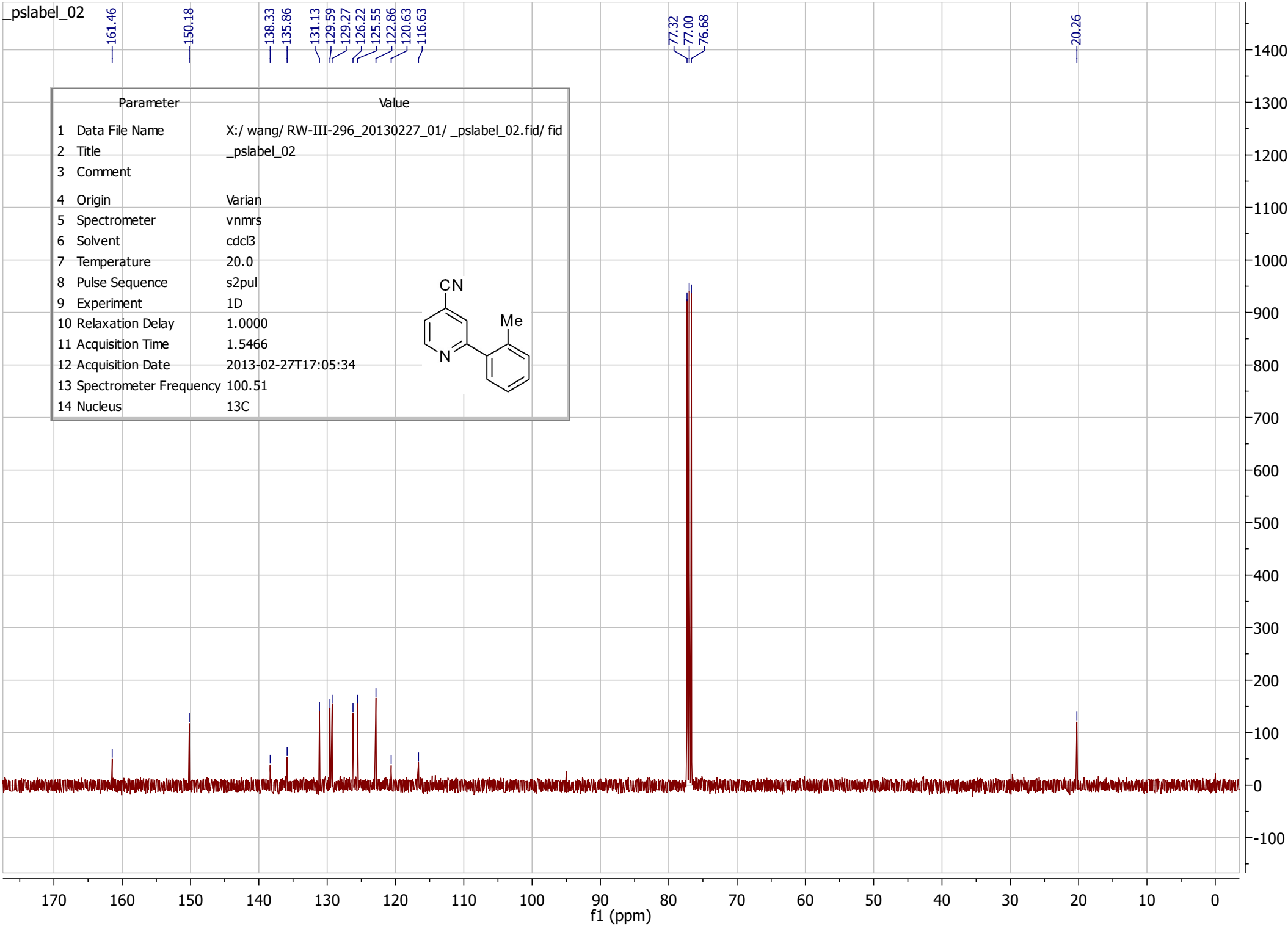
77.00

76.68

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-285P2C_20130226_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	1.2845
12 Acquisition Date	2013-02-26T18:22:20
13 Spectrometer Frequency	100.51
14 Nucleus	13C









8.90  
8.89

7.88

7.59

7.47

7.45

7.43

7.34

7.32

7.30

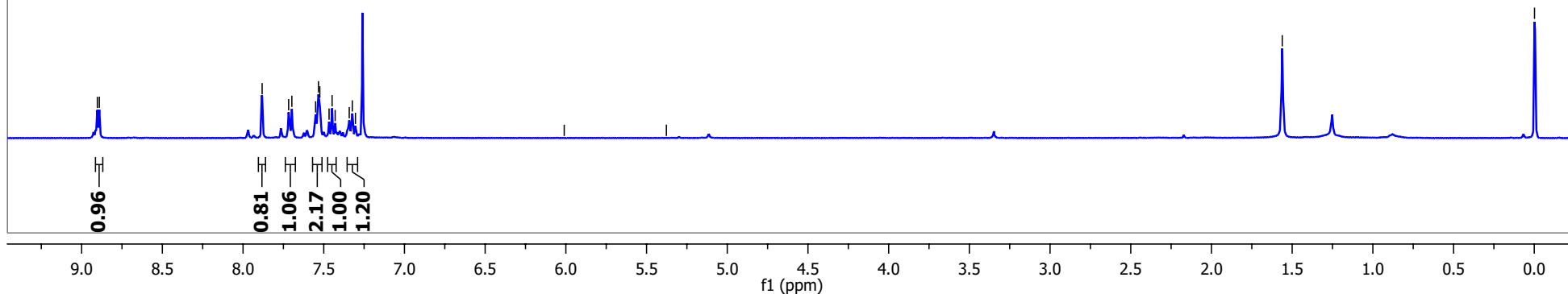
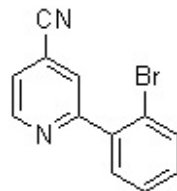
6.01

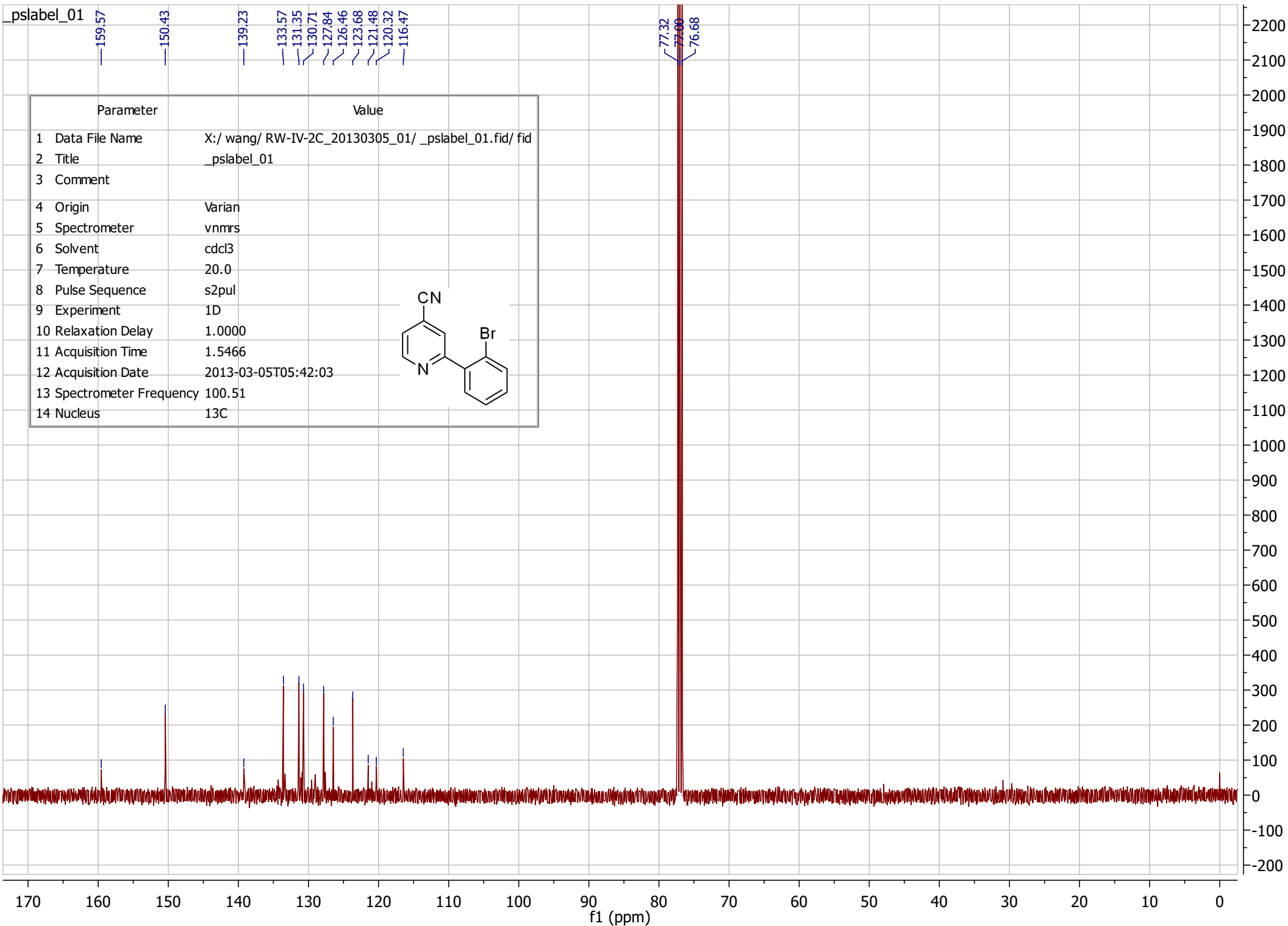
5.38

1.56

0.00

Parameter	Value
1 Data File Name	Z:/ wang/ RW-IV-2
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-03-04T17:08:12
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	34
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



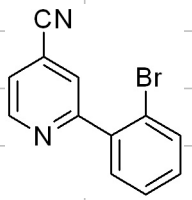


\_pslabel\_01

159.57  
150.43  
139.23  
133.57  
131.35  
130.71  
127.84  
126.46  
123.68  
121.48  
120.32  
116.47

77.32  
77.00  
76.68

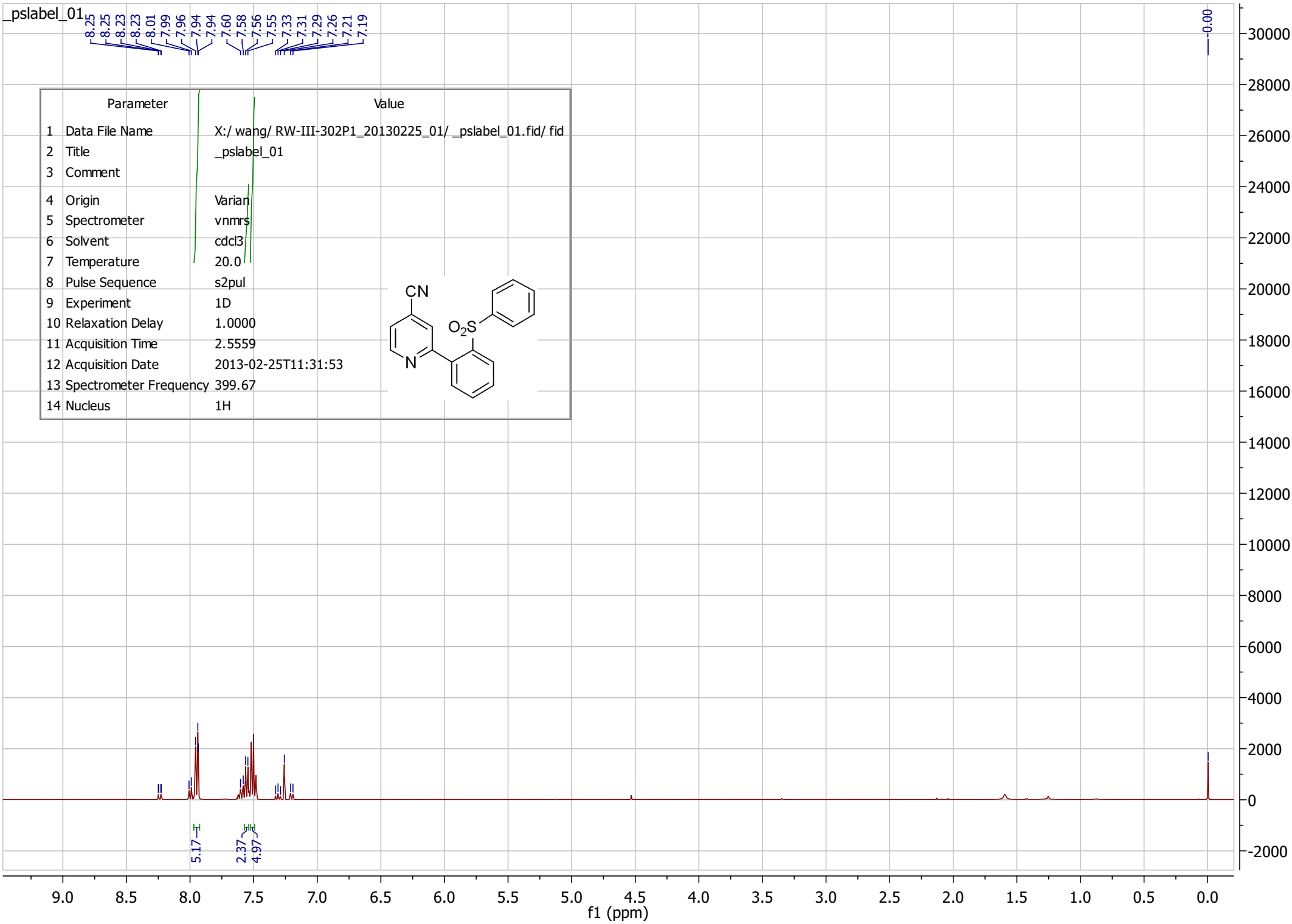
Parameter	Value
1 Data File Name	X:/ wang/ RW-IV-2C_20130305_01/ _pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	1.5466
12 Acquisition Date	2013-03-05T05:42:03
13 Spectrometer Frequency	100.51
14 Nucleus	13C

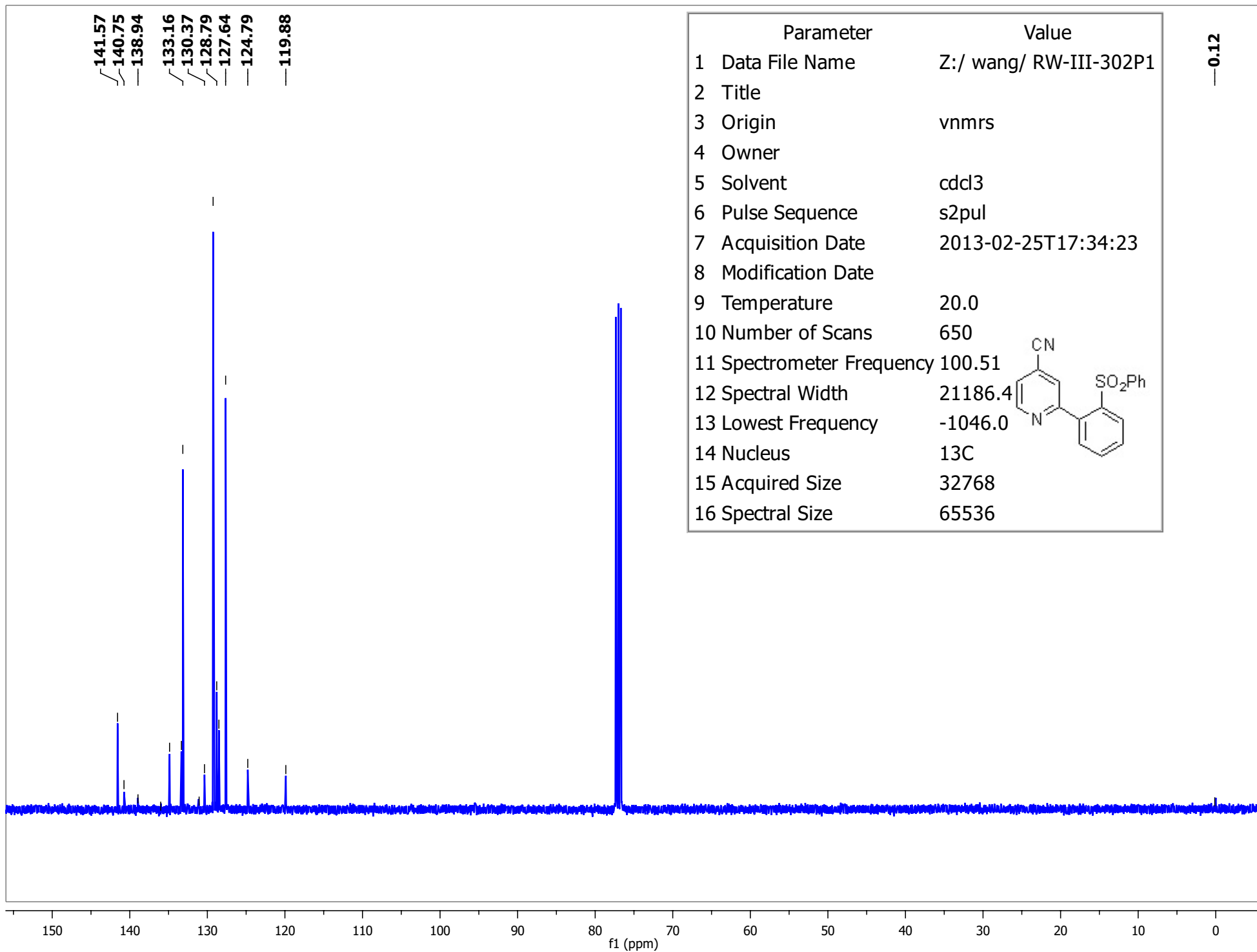


170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

f1 (ppm)

2200  
2100  
2000  
1900  
1800  
1700  
1600  
1500  
1400  
1300  
1200  
1100  
1000  
900  
800  
700  
600  
500  
400  
300  
200  
100  
0  
-100  
-200





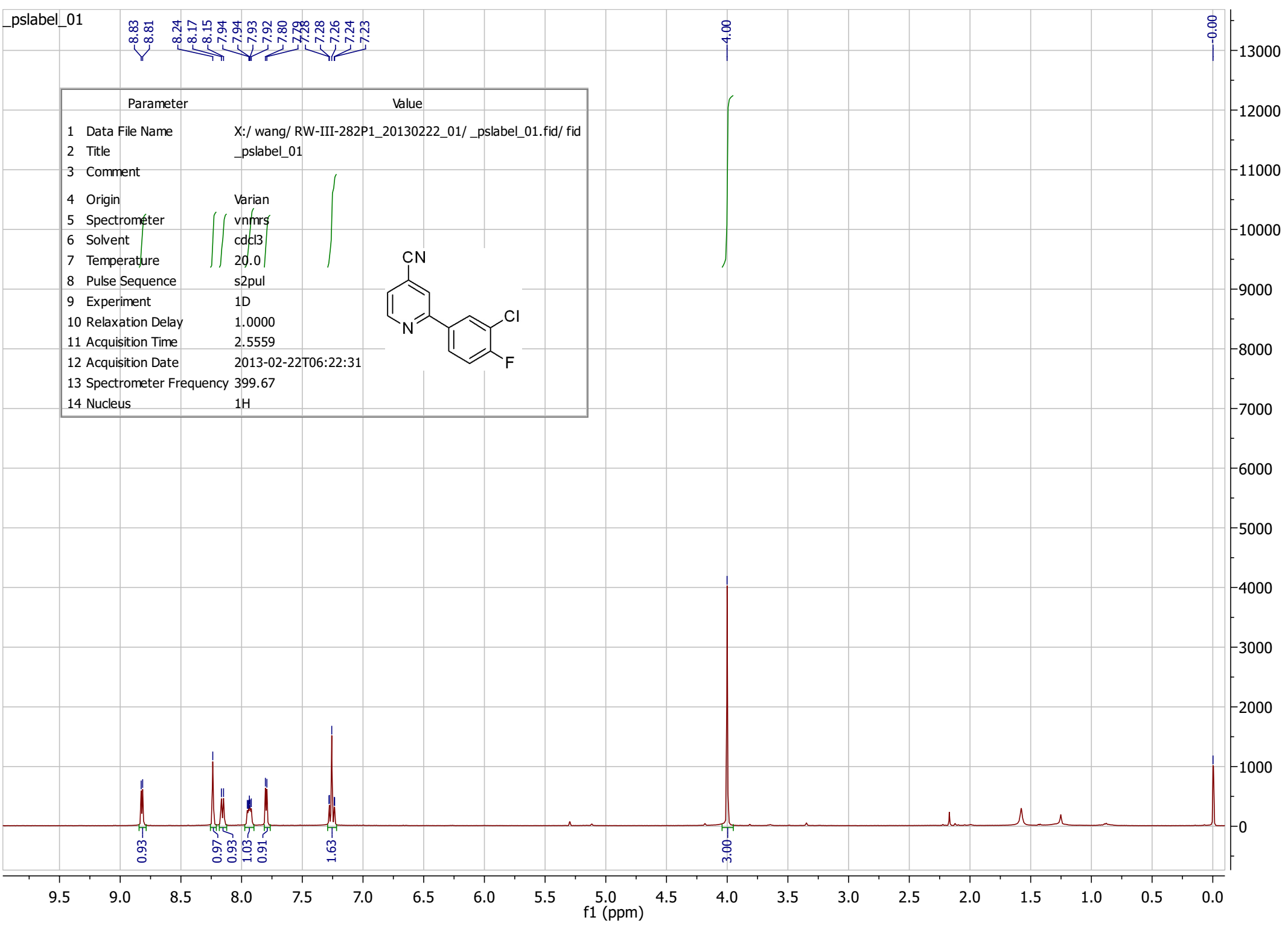
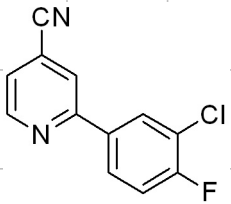
\_pslabel\_01

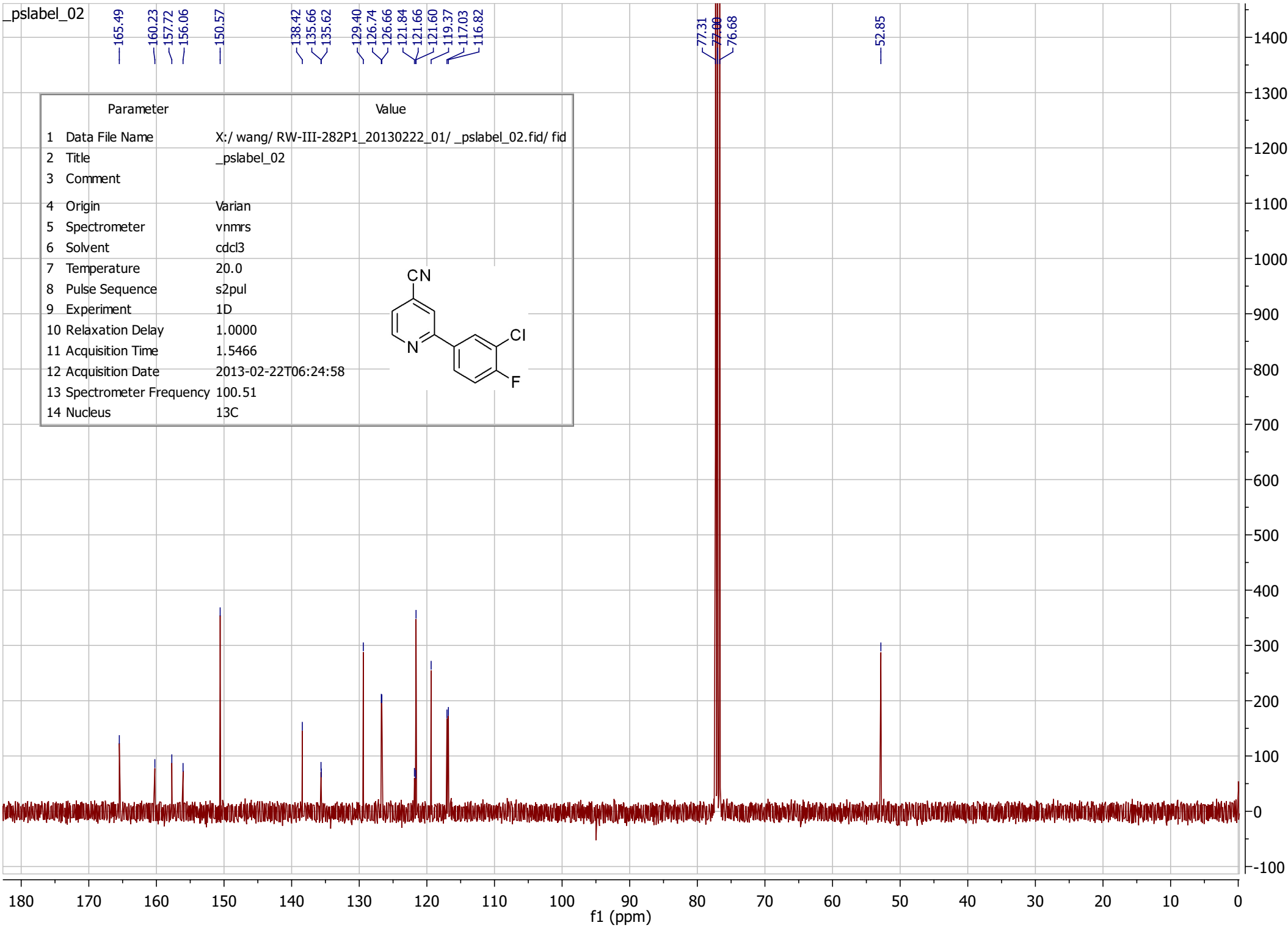
8.83  
8.81  
8.24  
8.17  
8.15  
7.94  
7.94  
7.93  
7.92  
7.80  
7.78  
7.78  
7.28  
7.26  
7.24  
7.23

4.00

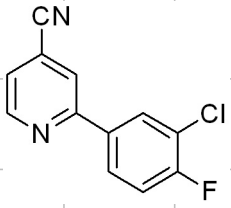
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Parameter	Value
1 Data File Name	X:/ wang/ RW-III-282P1_20130222_01/ _pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmr5
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-22T06:22:31
13 Spectrometer Frequency	399.67
14 Nucleus	1H



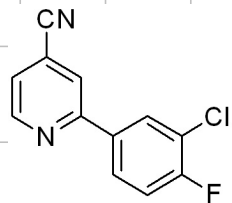


Parameter	Value
1 Data File Name	X:/ wang/ RW-III-282P1_20130222_01/_pslabel_02.fid/ fid
2 Title	_pslabel_02
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	1.5466
12 Acquisition Date	2013-02-22T06:24:58
13 Spectrometer Frequency	100.51
14 Nucleus	13C

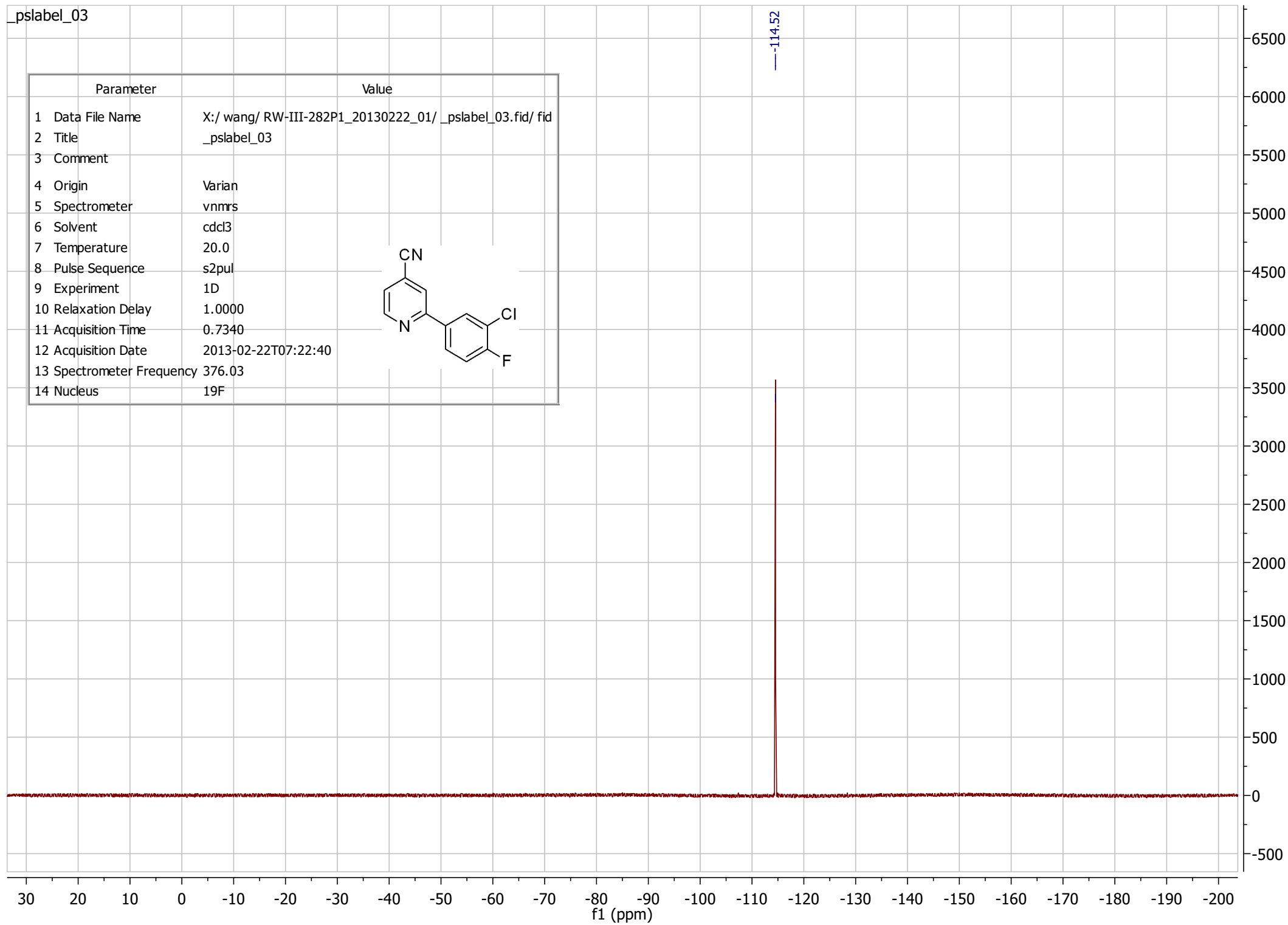


\_pslabel\_03

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-282P1_20130222_01/ _pslabel_03.fid/ fid
2 Title	_pslabel_03
3 Comment	
4 Origin	Varian
5 Spectrometer	vnms
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	0.7340
12 Acquisition Date	2013-02-22T07:22:40
13 Spectrometer Frequency	376.03
14 Nucleus	19F



---114.52

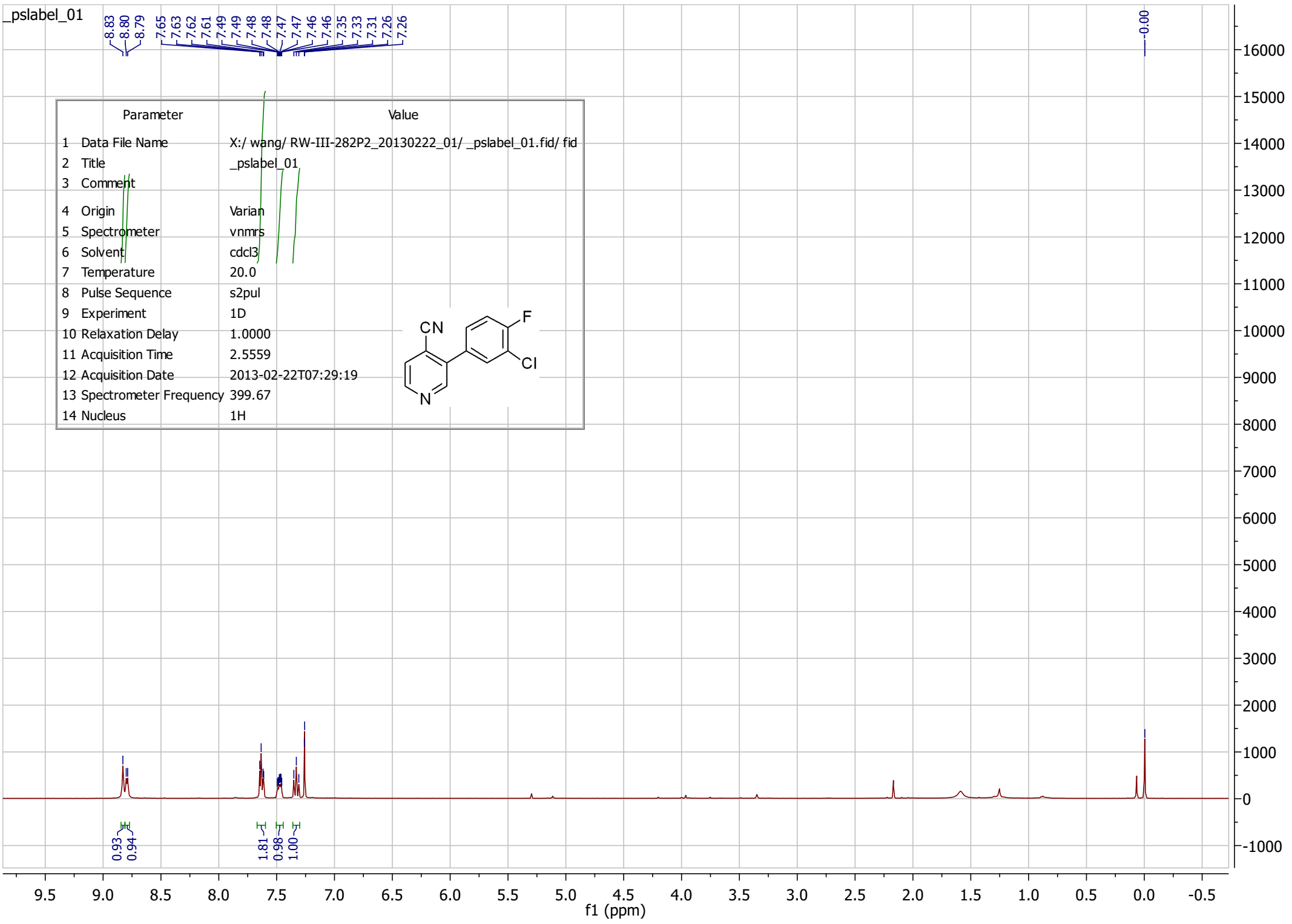
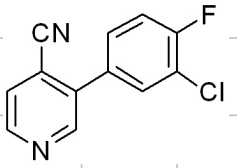


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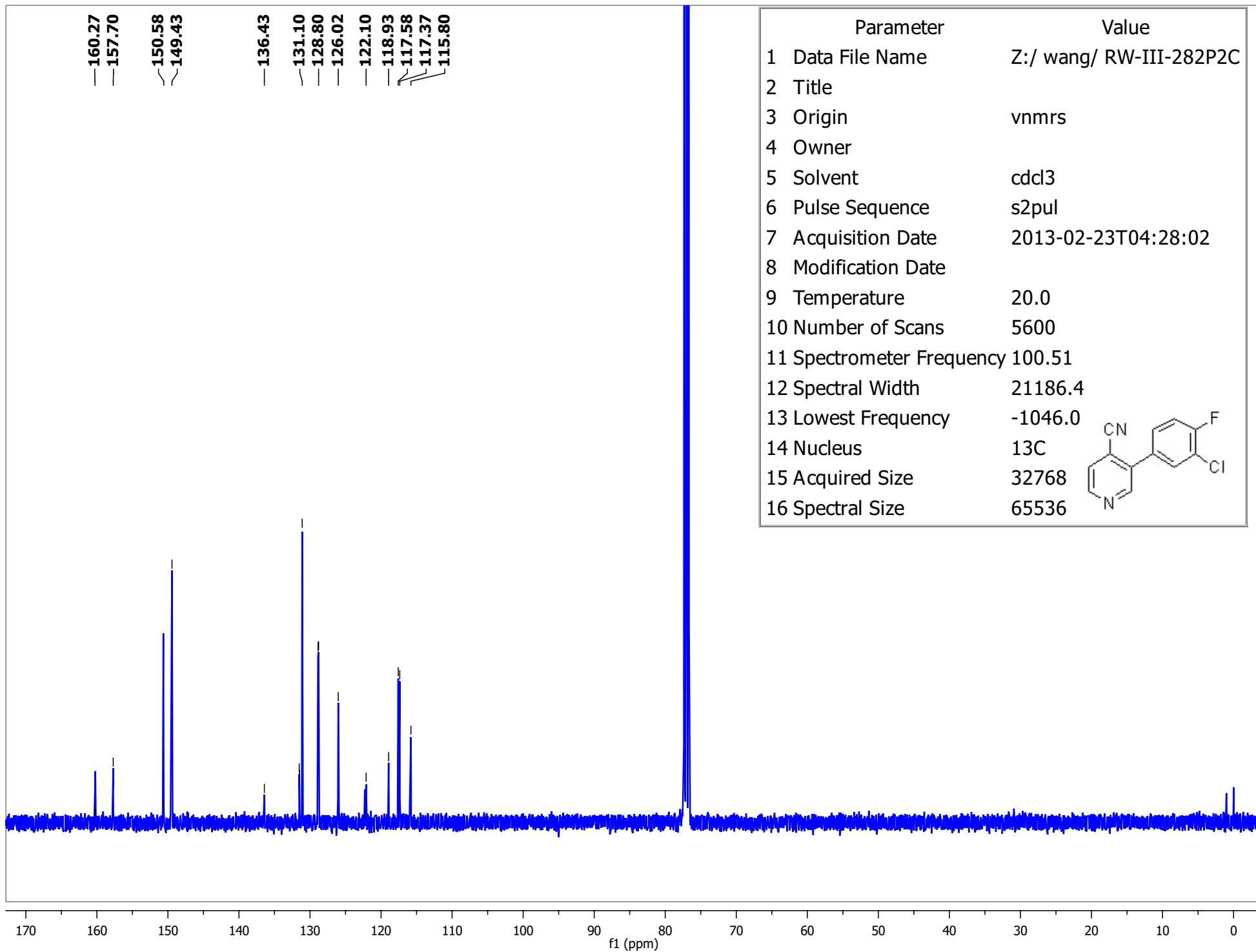
8.83  
8.80  
8.79  
7.65  
7.63  
7.62  
7.61  
7.49  
7.49  
7.48  
7.48  
7.47  
7.47  
7.46  
7.46  
7.35  
7.33  
7.31  
7.26  
7.26

-0.00

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-282P2_20130222_01/ _pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-22T07:29:19
13 Spectrometer Frequency	399.67
14 Nucleus	1H

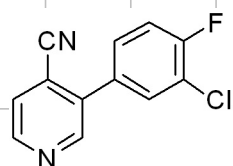




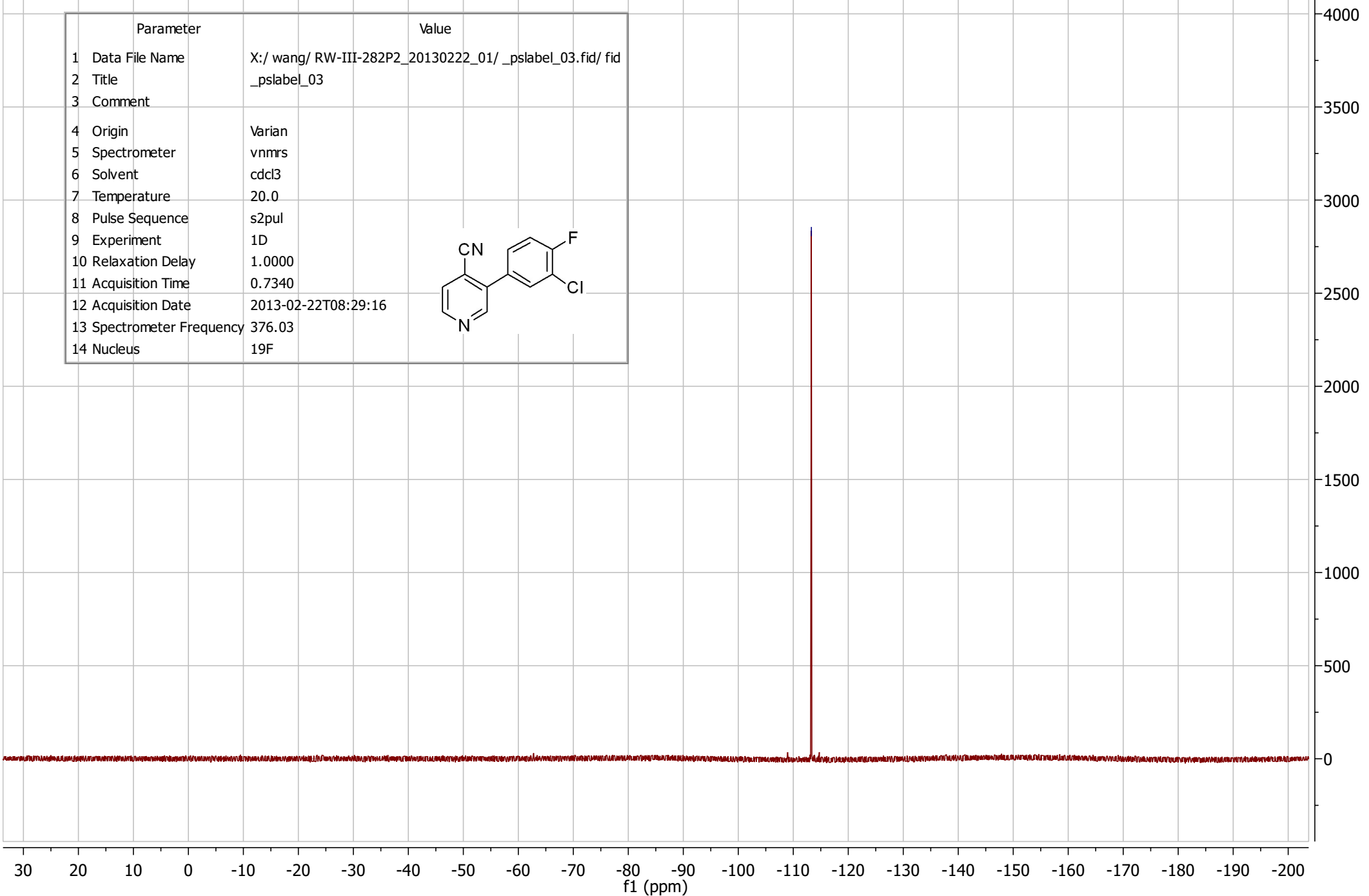


\_pslabel\_03

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-282P2_20130222_01/_pslabel_03.fid/ fid
2 Title	_pslabel_03
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	0.7340
12 Acquisition Date	2013-02-22T08:29:16
13 Spectrometer Frequency	376.03
14 Nucleus	19F



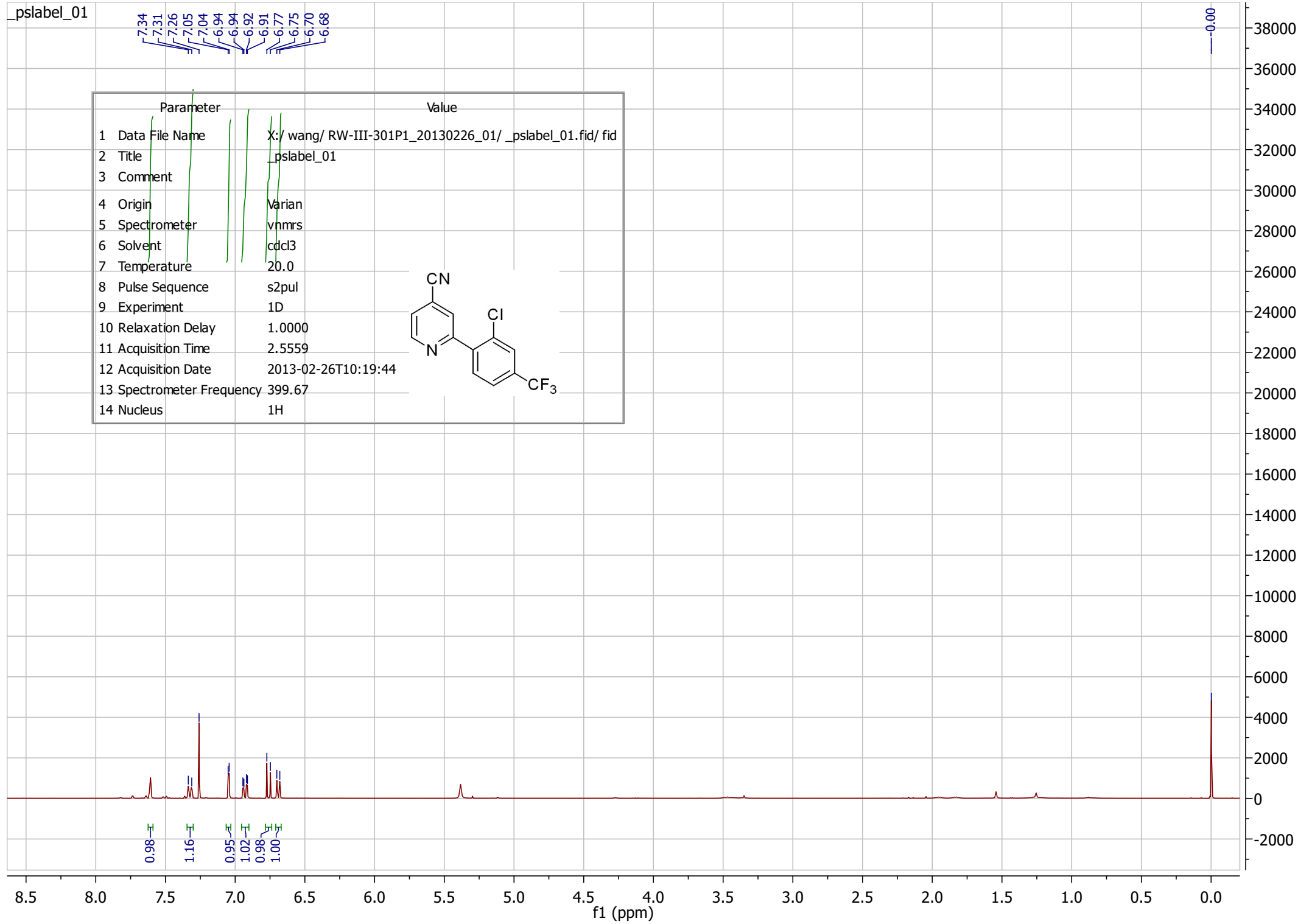
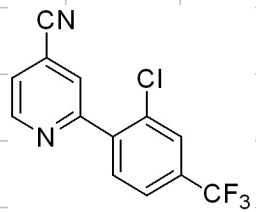
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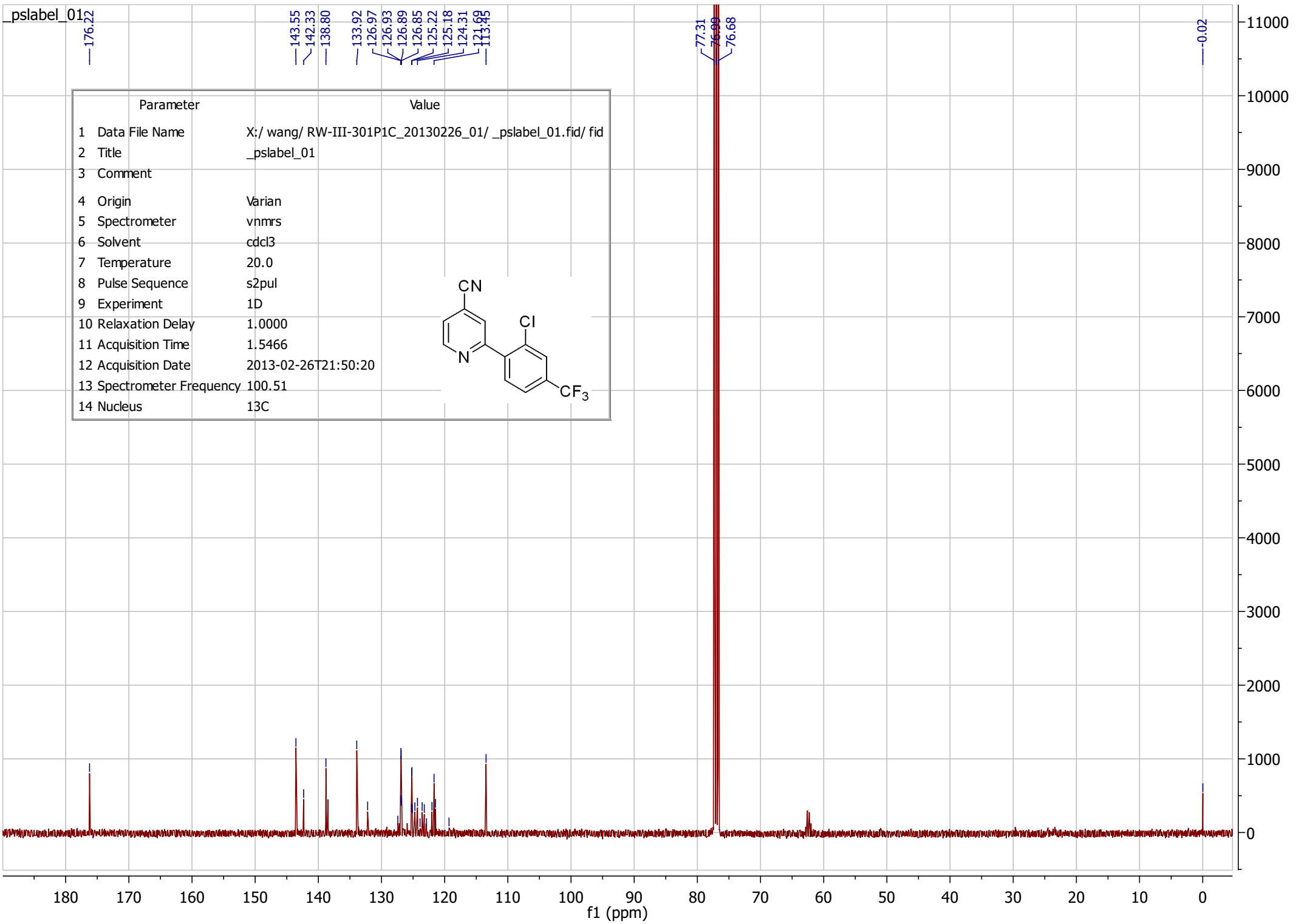


\_pslabel\_01

7.34  
7.31  
7.26  
7.05  
7.04  
6.94  
6.92  
6.91  
6.77  
6.75  
6.70  
6.68

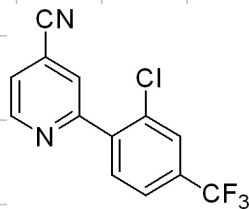
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1 Data File Name	X:/ wang/ RW-III-301P1_20130226_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-26T10:19:44
13 Spectrometer Frequency	399.67
14 Nucleus	1H



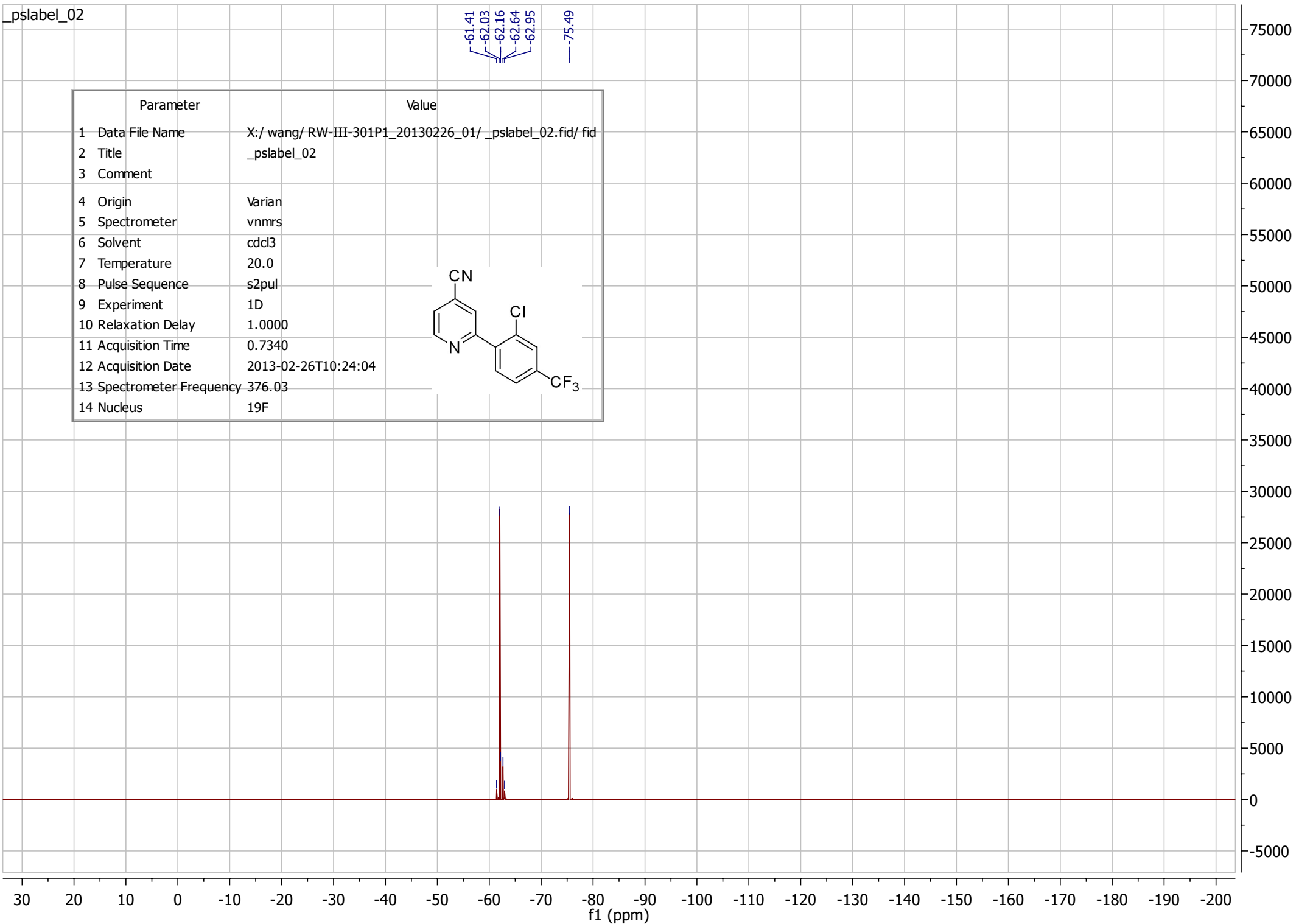


\_pslabel\_02

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-301P1_20130226_01/ _pslabel_02.fid/ fid
2 Title	_pslabel_02
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	0.7340
12 Acquisition Date	2013-02-26T10:24:04
13 Spectrometer Frequency	376.03
14 Nucleus	19F



-61.41  
-62.03  
-62.16  
-62.64  
-62.95  
-75.49



8.86  
8.85

7.93

7.55  
7.47  
7.42  
7.26

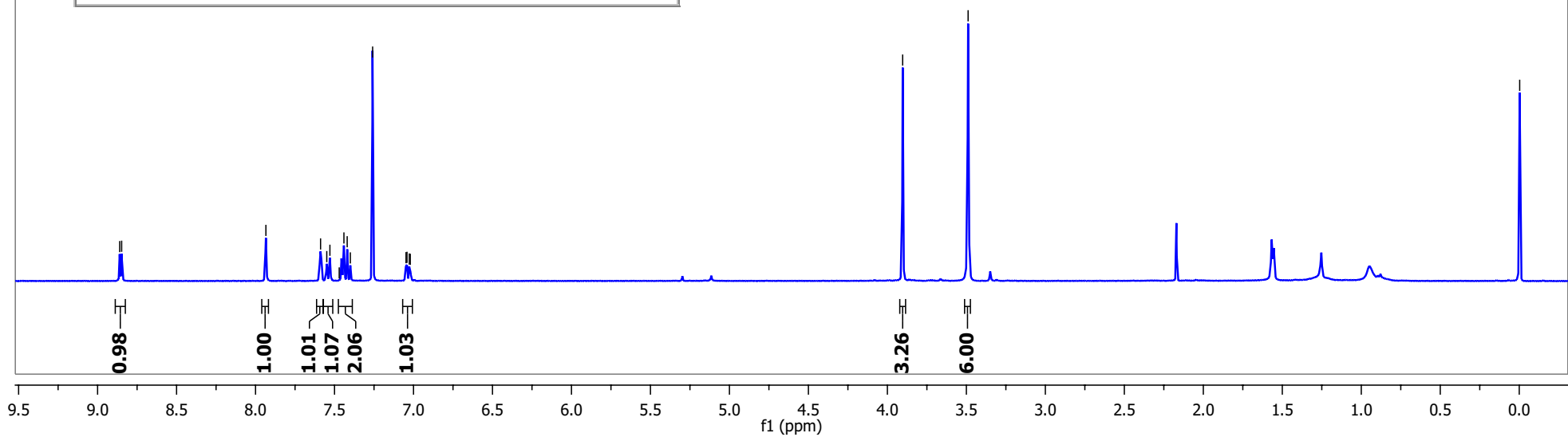
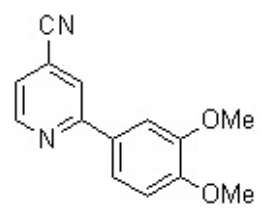
7.05  
7.04  
7.03  
7.02

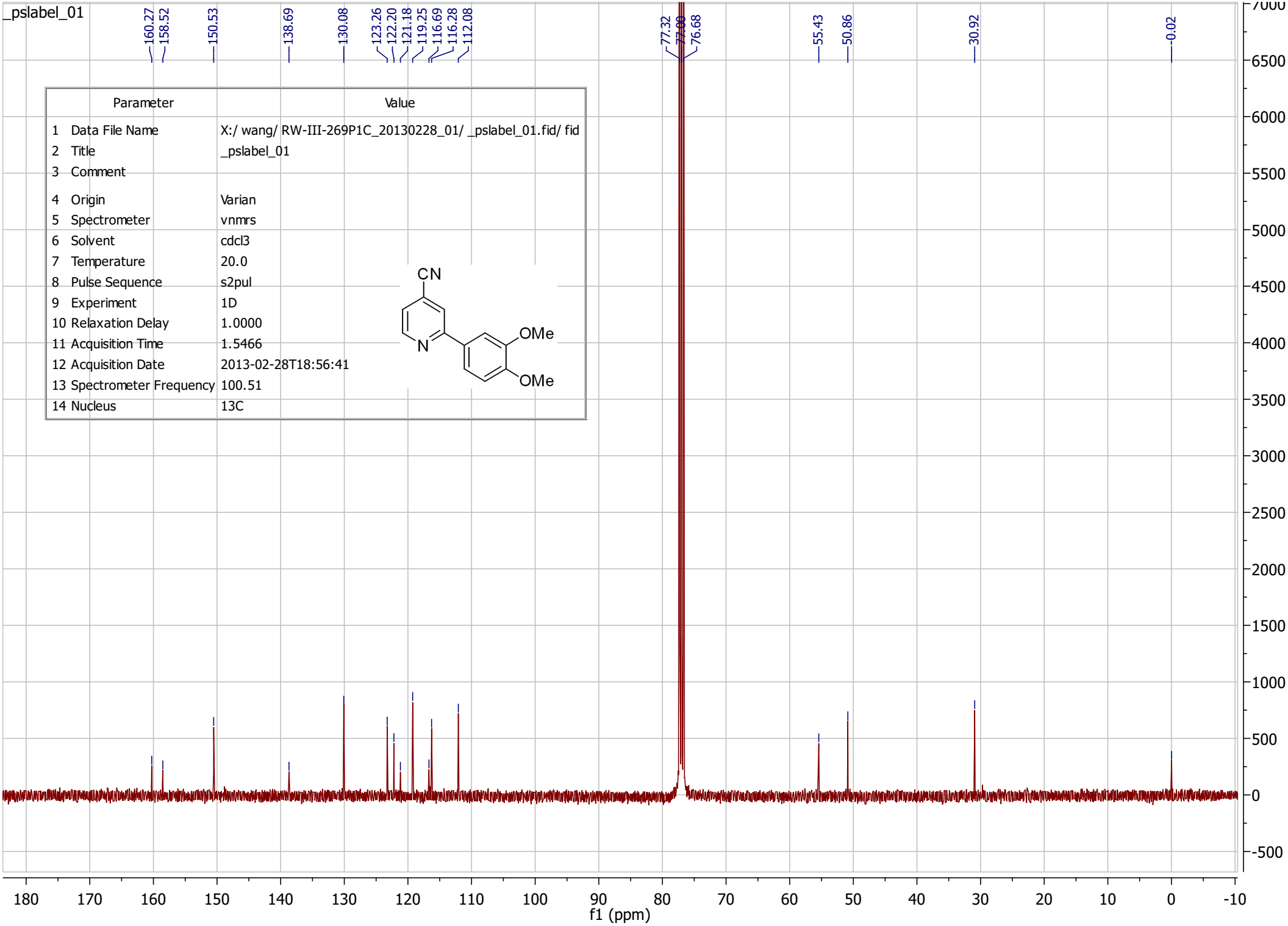
3.90

3.49

-0.00

Parameter	Value
1 Data File Name	Z:\ wang\ RW-III-269P1H
2 Title	
3 Origin	vnMrs
4 Owner	
5 Solvent	cdCl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-23T00:03:27
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	40
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768

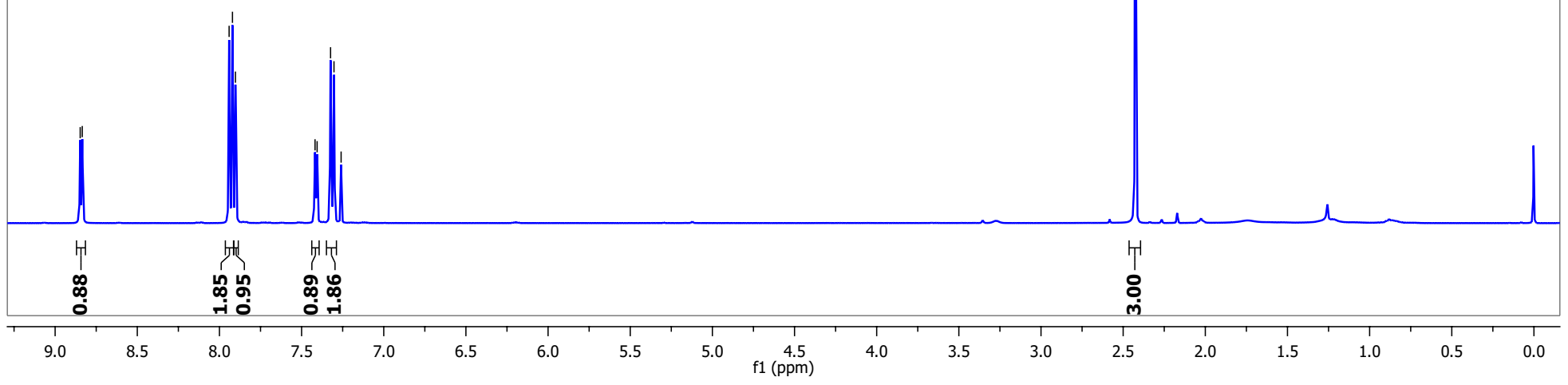
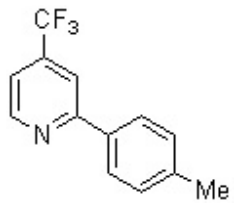




8.85  
8.83  
7.94  
7.92  
7.90  
7.42  
7.41  
7.32  
7.30  
7.26

2.43

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-215C_20130109_01/ _pslabel_01.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-09T08:49:33
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	64
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



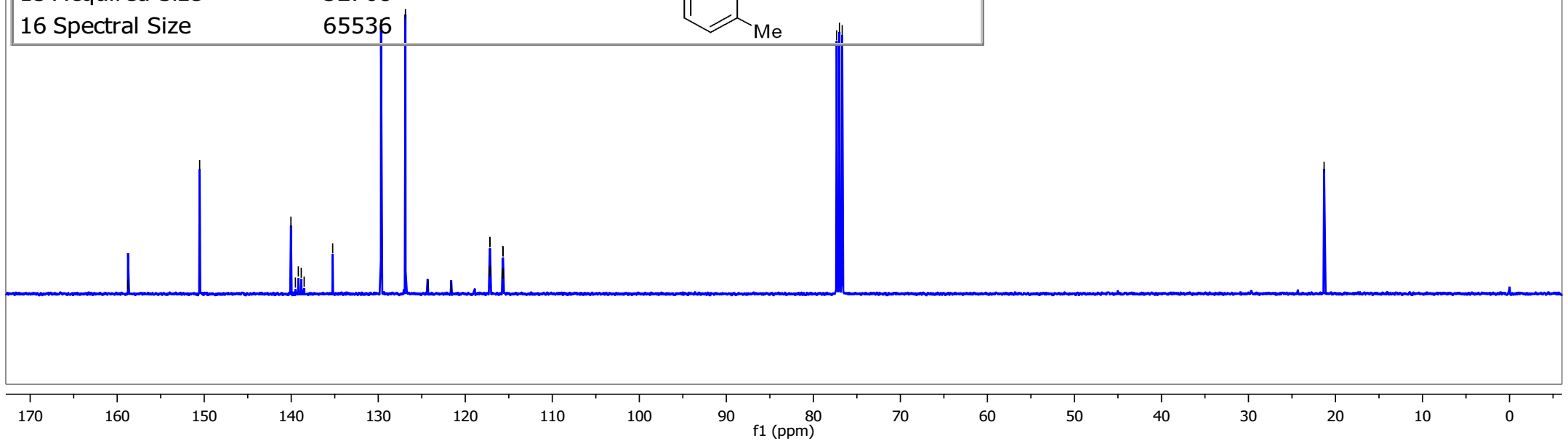
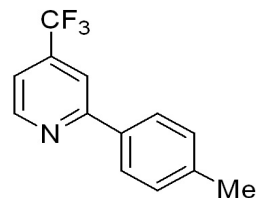


158.78  
 150.52  
 140.04  
 139.52  
 139.19  
 138.85  
 138.51  
 135.24  
 129.69  
 126.87  
 124.28  
 121.63  
 117.22  
 117.18  
 117.15  
 117.11  
 115.72  
 115.69  
 115.65  
 115.61

77.32  
 77.00  
 76.68

21.31

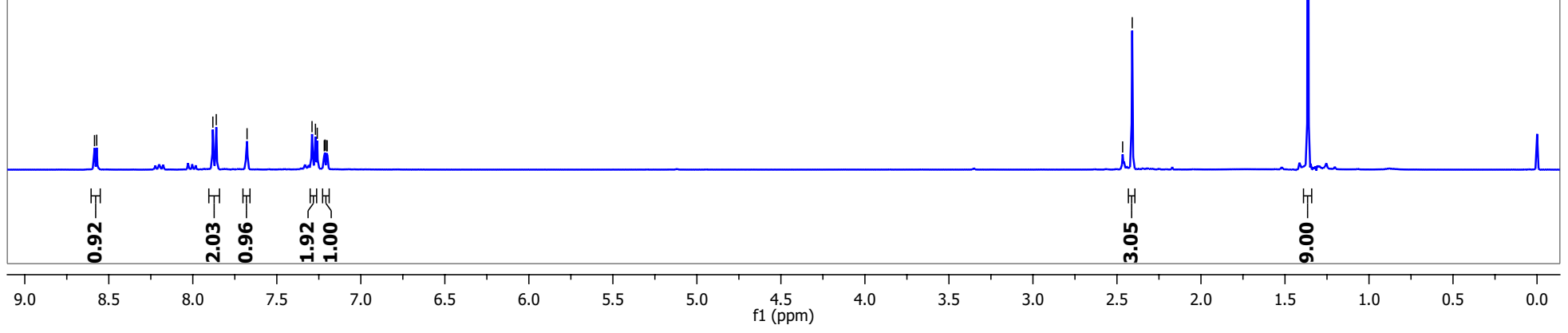
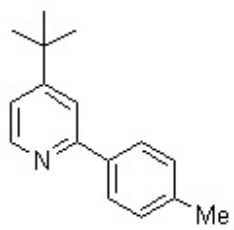
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1 Data File Name	Z:/ wang/ RW-III-215C_20130109_01/ _pslabel_02.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-09T08:55:13
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	2000
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



8.58  
8.57  
7.88  
7.86  
7.68  
7.29  
7.27  
7.26  
7.22  
7.21  
7.20  
7.20

2.47  
2.41  
1.36

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-227H_20130110_01/ _pslabel_01.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-10T20:26:56
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	64
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



160.36  
157.55

149.00

138.69  
137.23

129.27  
126.92

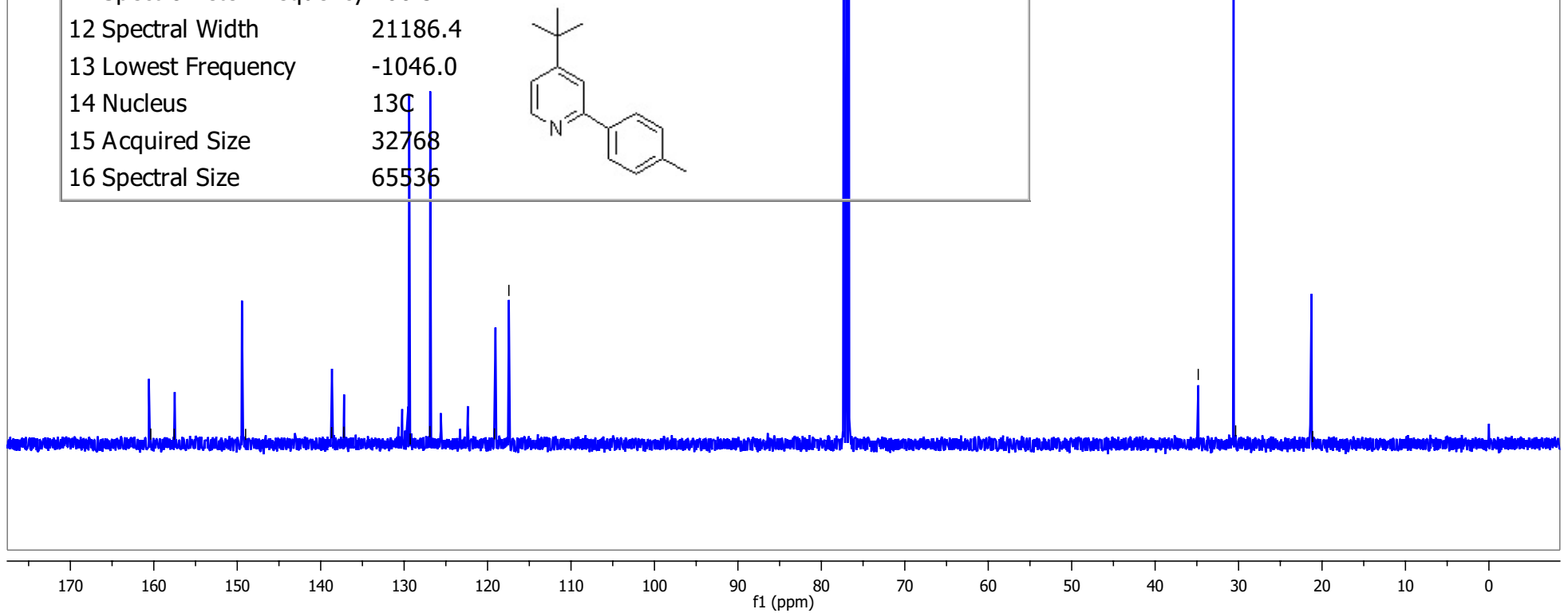
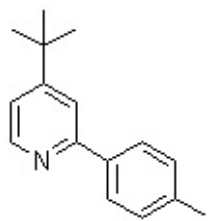
119.17  
117.45

34.83

30.35

21.13

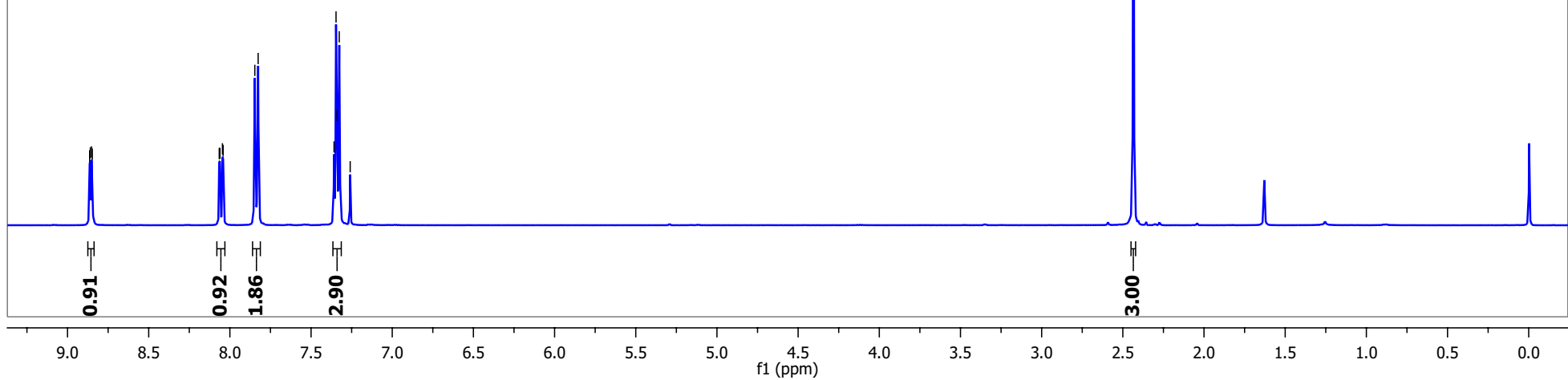
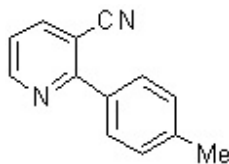
Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-227C_20130110_01/ _pslabel_01.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-10T20:47:16
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	600
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



8.86  
8.86  
8.85  
8.85  
8.06  
8.05  
8.04  
7.83  
7.36  
7.35  
7.34  
7.33  
7.26

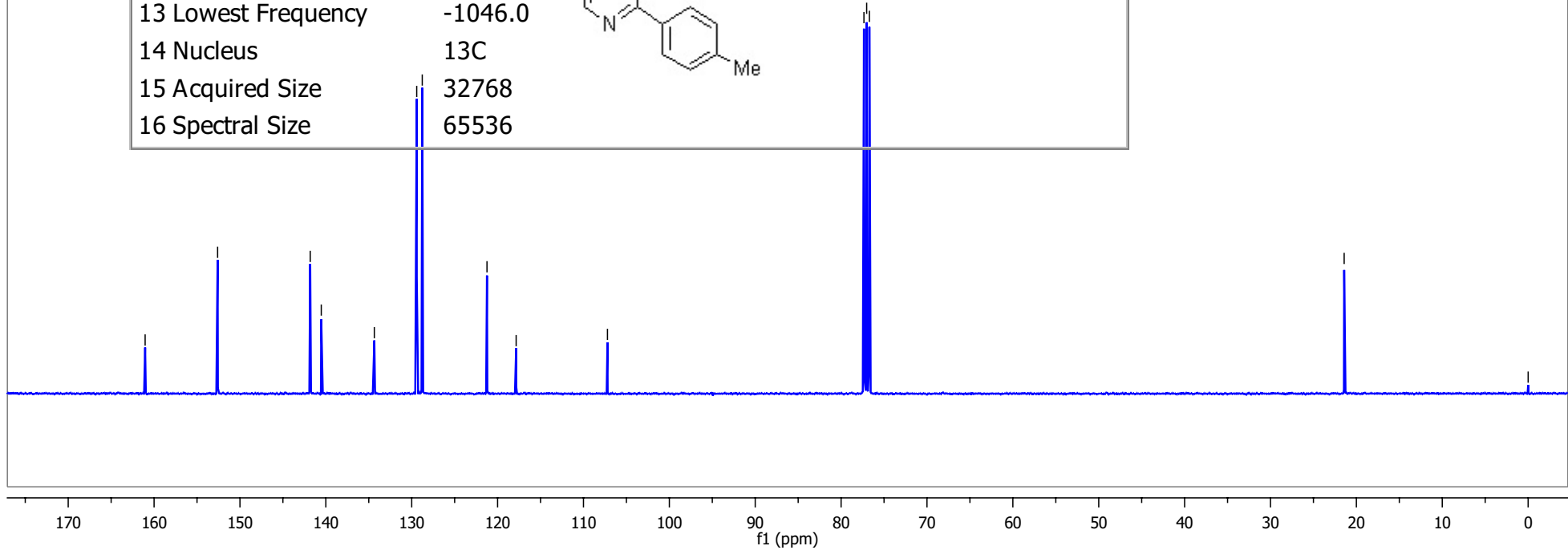
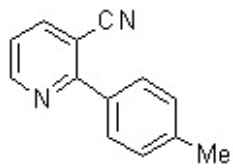
2.43

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-163-1H_20121222_01/ _pslabel_01.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2012-12-22T21:10:55
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	32
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



— 161.04      — 152.60      — 141.82      — 140.53      — 134.35      — 129.42      — 128.77      — 121.24      — 117.84      — 107.21      — 77.34      — 77.02      — 76.71      — 21.42      — 0.00

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-163-1C_20121222_01/ _pslabel_01.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2012-12-23T02:38:10
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	5000
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	<sup>13</sup> C
15 Acquired Size	32768
16 Spectral Size	65536

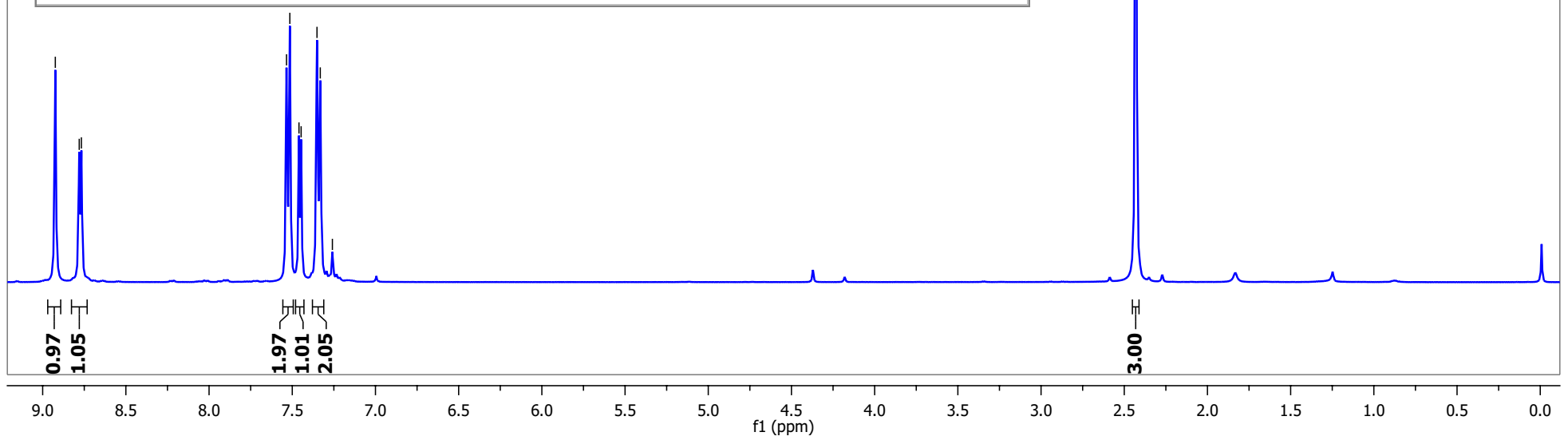
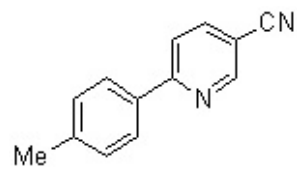


8.92  
8.78  
8.77

7.53  
7.51  
7.46  
7.45  
7.35  
7.33  
7.26

2.43

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-163-3H_20121222_01/ _pslabel_01.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2012-12-22T21:15:30
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	32
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



154.03  
152.72  
152.31

140.65

132.50  
129.90  
128.28

123.61

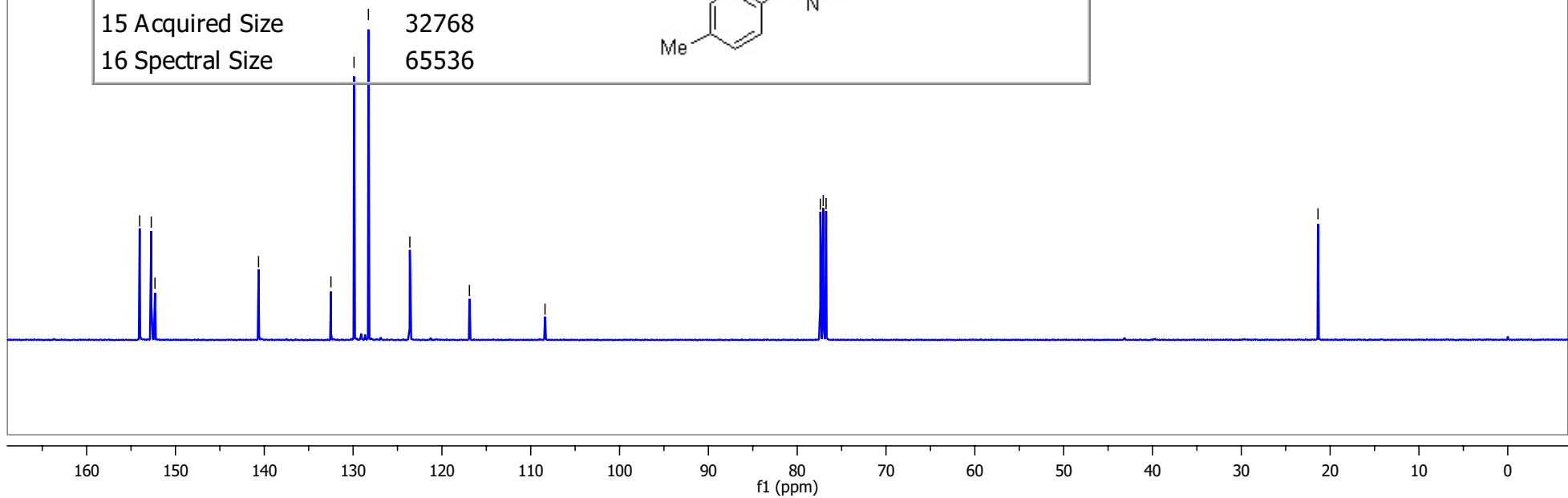
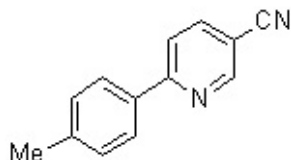
116.90

108.39

77.39  
77.07  
76.75

21.37

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-163-3C_20121223_01/ _pslabel_01.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2012-12-23T06:13:08
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	5000
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

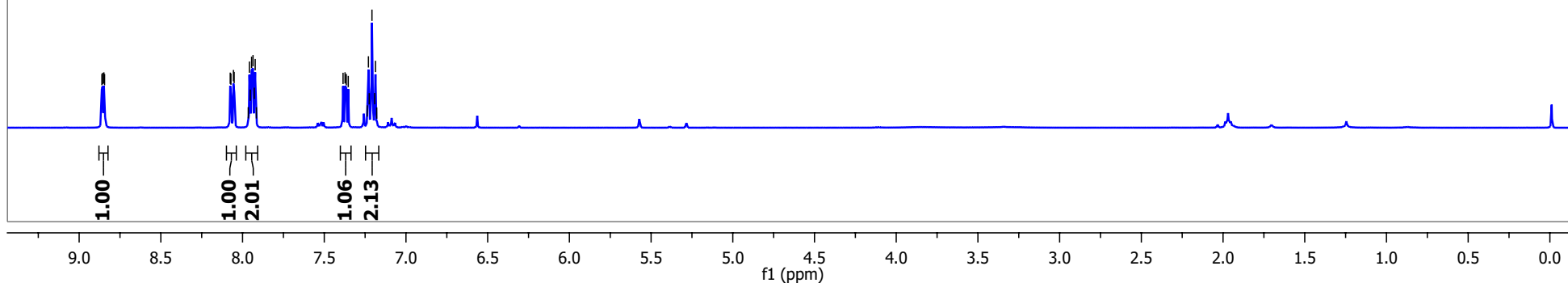
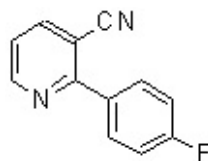


8.86  
8.86  
8.85  
8.84

8.06  
7.96  
7.94  
7.92

7.39  
7.37  
7.37  
7.35  
7.24  
7.23  
7.22  
7.21  
7.19  
7.19  
7.18

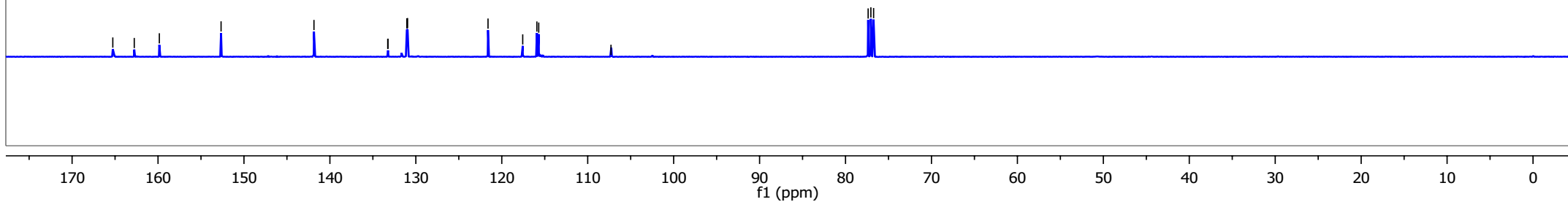
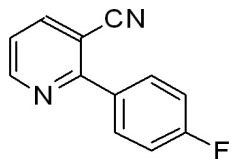
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1 Data File Name	Z:/ wang/ RW-III-139-1_20121214_01/ _pslabel_01.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2012-12-14T22:29:05
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	8
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768





165.26  
 162.76  
 159.85  
 152.66  
 141.85  
 133.27  
 133.24  
 131.05  
 130.96  
 121.60  
 117.56  
 115.92  
 115.70  
 107.29  
 77.37  
 77.05  
 76.73

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-139-1_20121214_01/ _pslabel_02.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2012-12-15T00:03:30
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	5000
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	<sup>13</sup> C
15 Acquired Size	32768
16 Spectral Size	65536

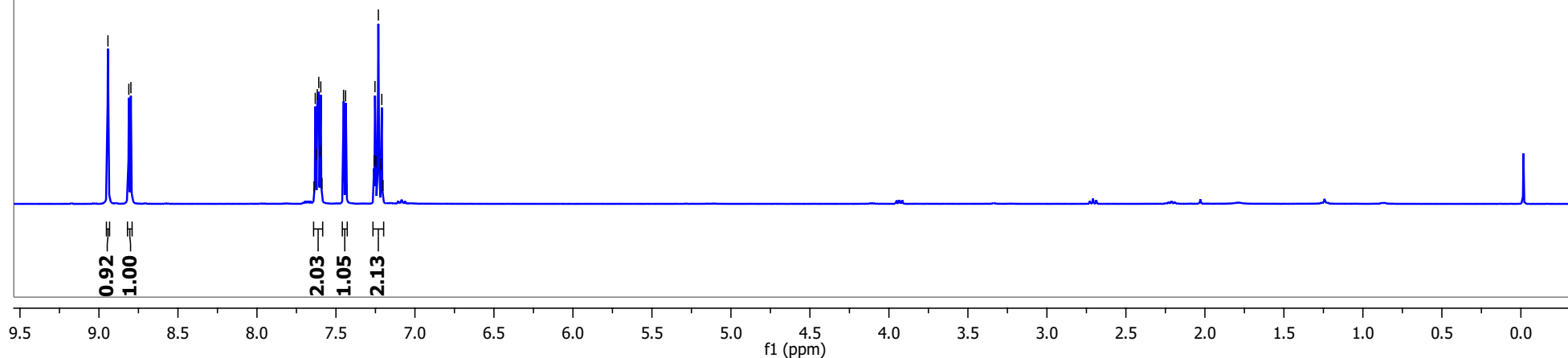
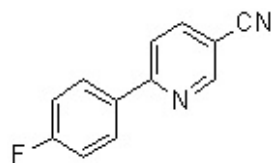


8.94  
8.81  
8.80

7.61  
7.60  
7.60  
7.59  
7.45  
7.44

7.26  
7.25  
7.25  
7.23  
7.22  
7.21  
7.20

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-139-3_20121214_01/ _pslabel_01.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cddcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2012-12-14T22:32:30
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	8
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



165.18  
162.68

154.03  
152.91  
151.20

131.45  
131.42  
130.49  
130.40

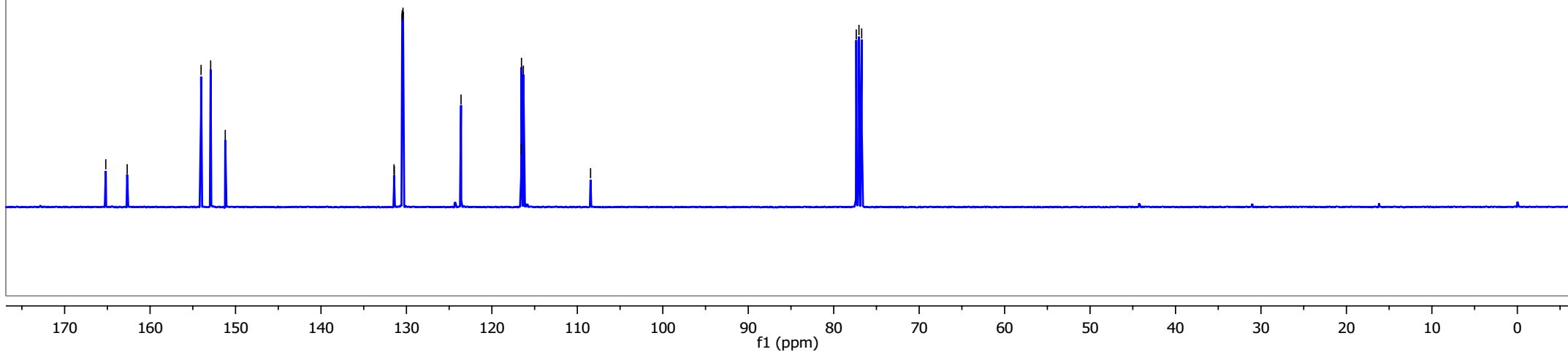
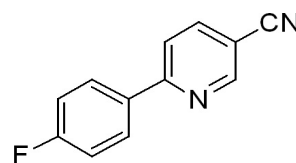
123.61

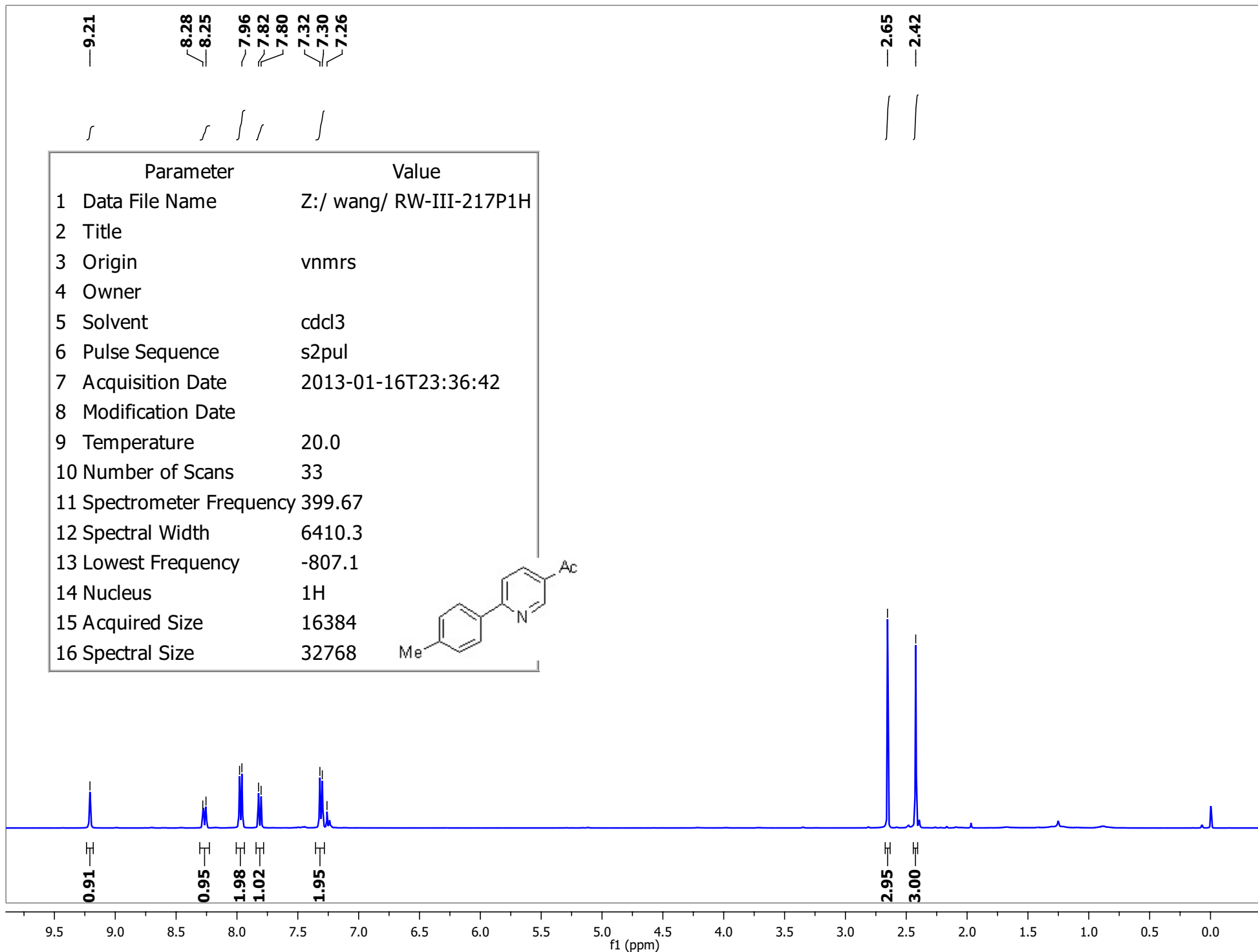
116.57  
116.54  
116.32

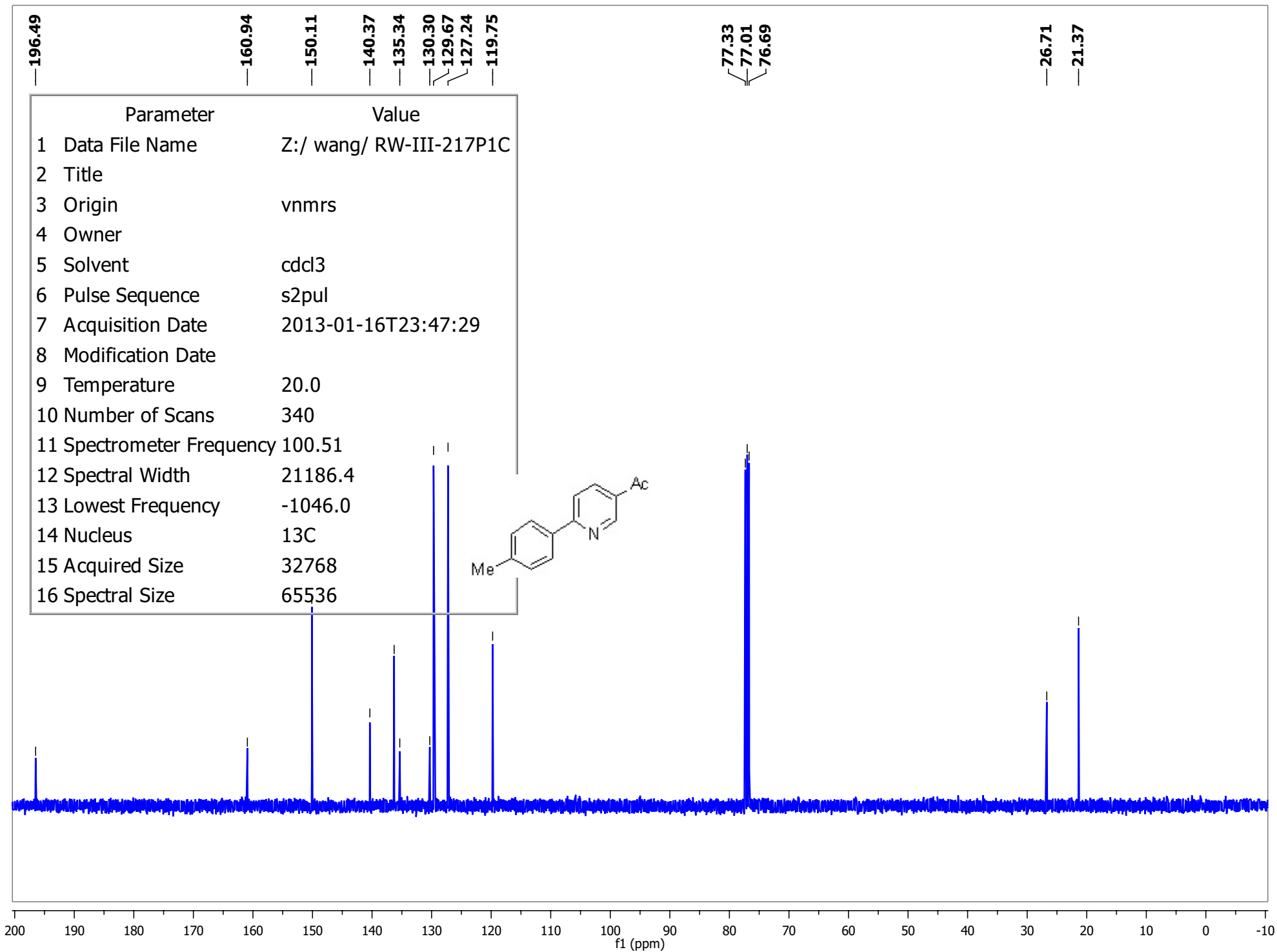
108.45

77.36  
77.04  
76.72

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-139-3_20121214_01/ _pslabel_02.fid/ fid
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2012-12-15T03:38:49
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	5000
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536







Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-217P1C
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdd3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-16T23:47:29
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	340
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

8.75  
8.74

7.84  
7.82

7.47  
7.45

7.33  
7.32

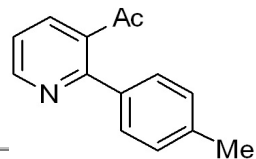
7.31  
7.30

7.28  
7.26

2.41

2.07

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-217P2H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-16T23:41:22
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



0.95

0.95

1.95

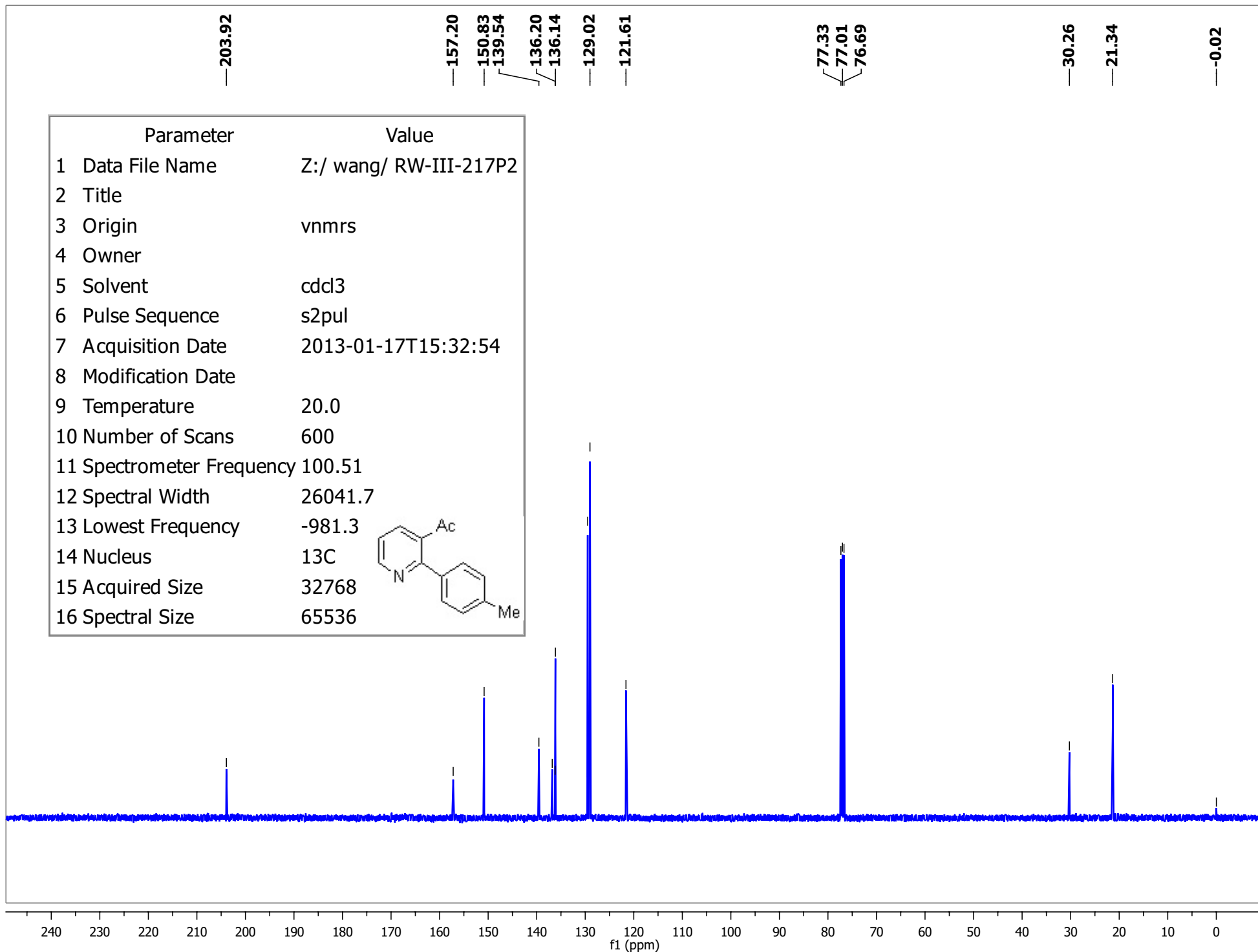
1.08

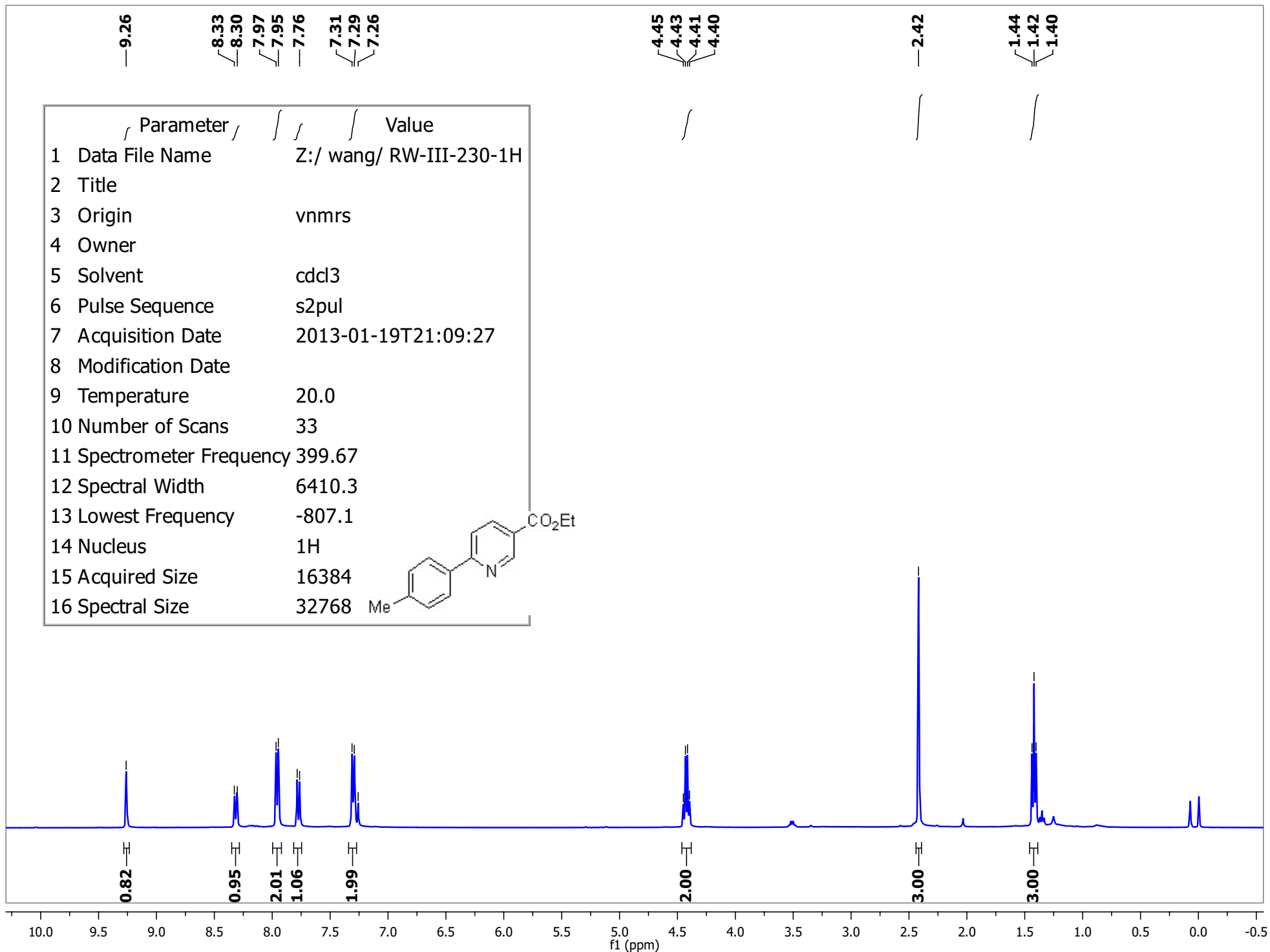
2.17

3.14

3.00

9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 -0.5  
f1 (ppm)





Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-230-1H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-19T21:09:27
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



165.45  
160.79  
150.90  
140.15  
137.74  
135.50  
129.61  
127.21  
124.14  
119.42

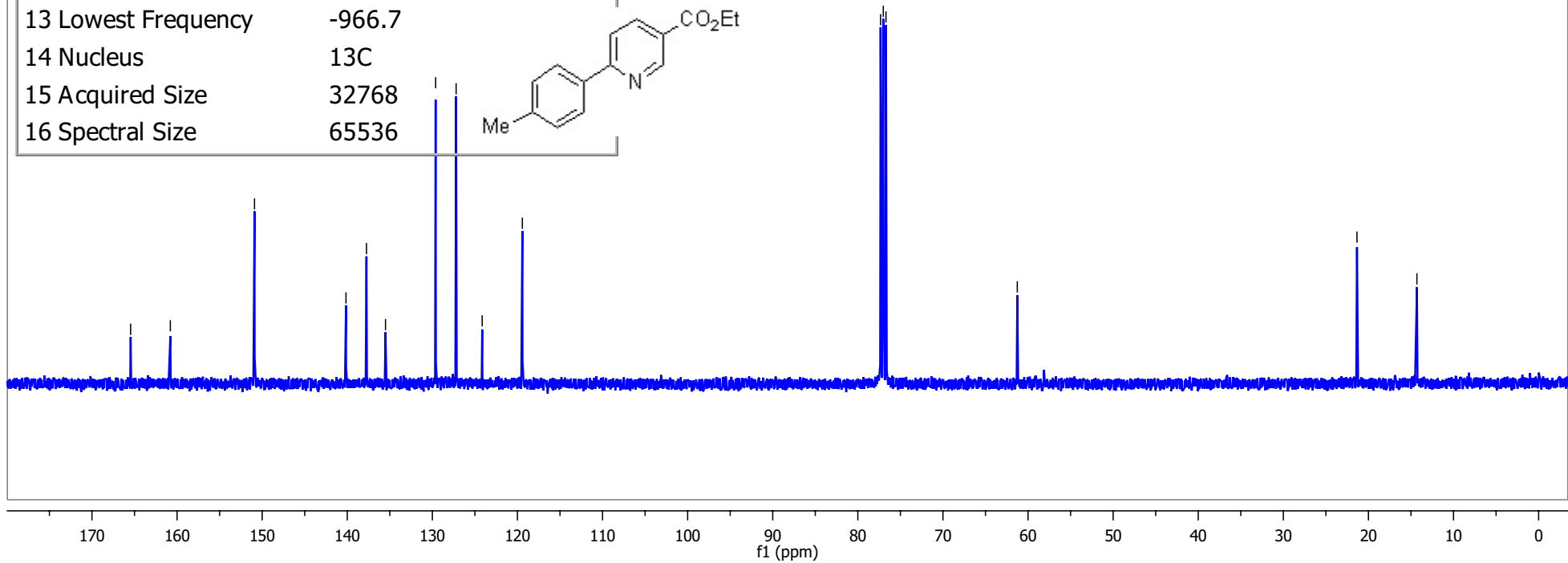
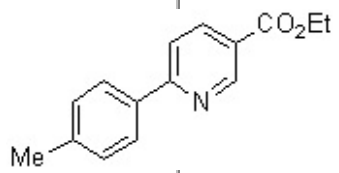
77.33  
77.01  
76.69

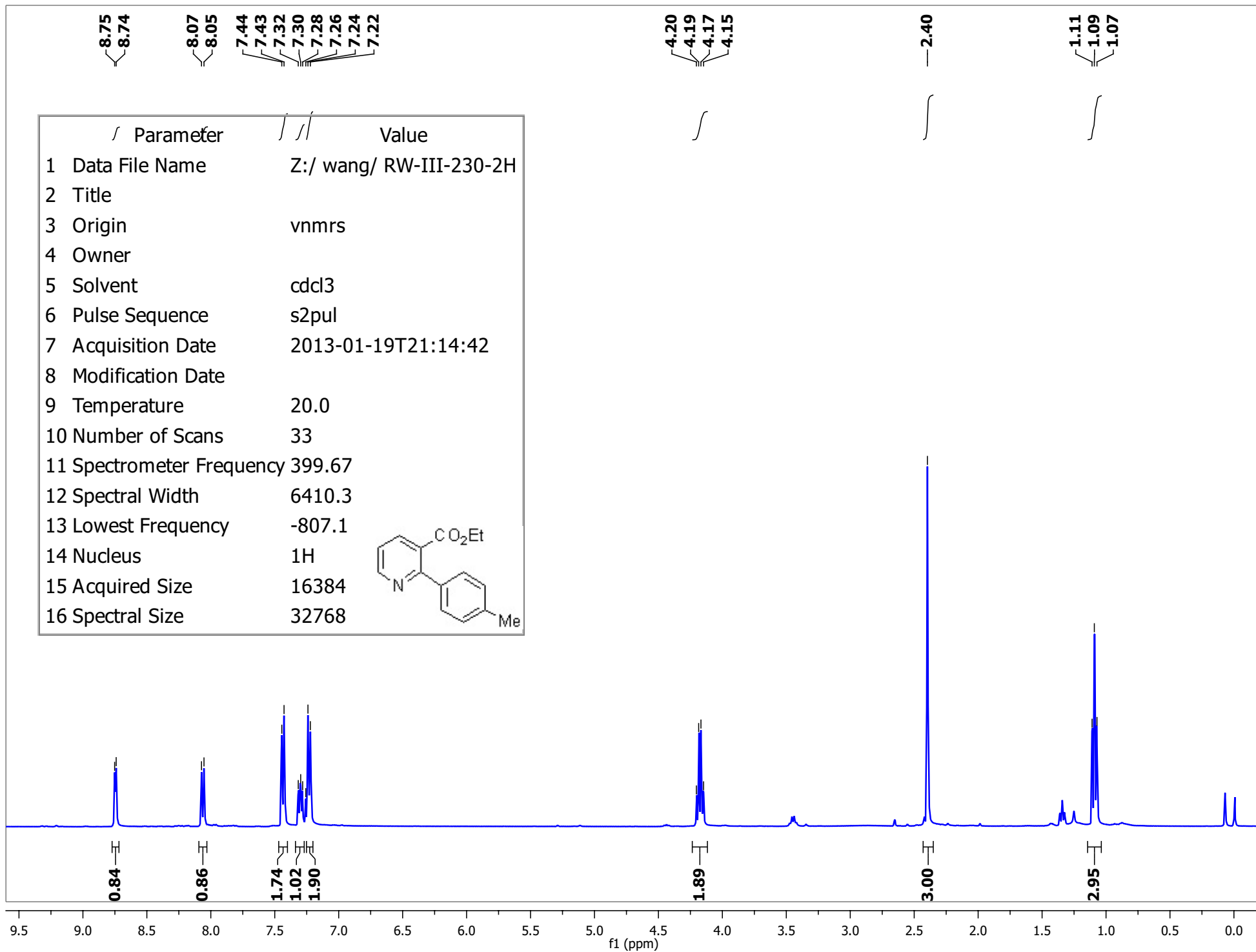
61.26

21.35

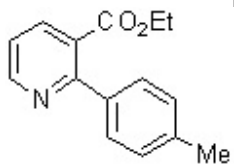
14.30

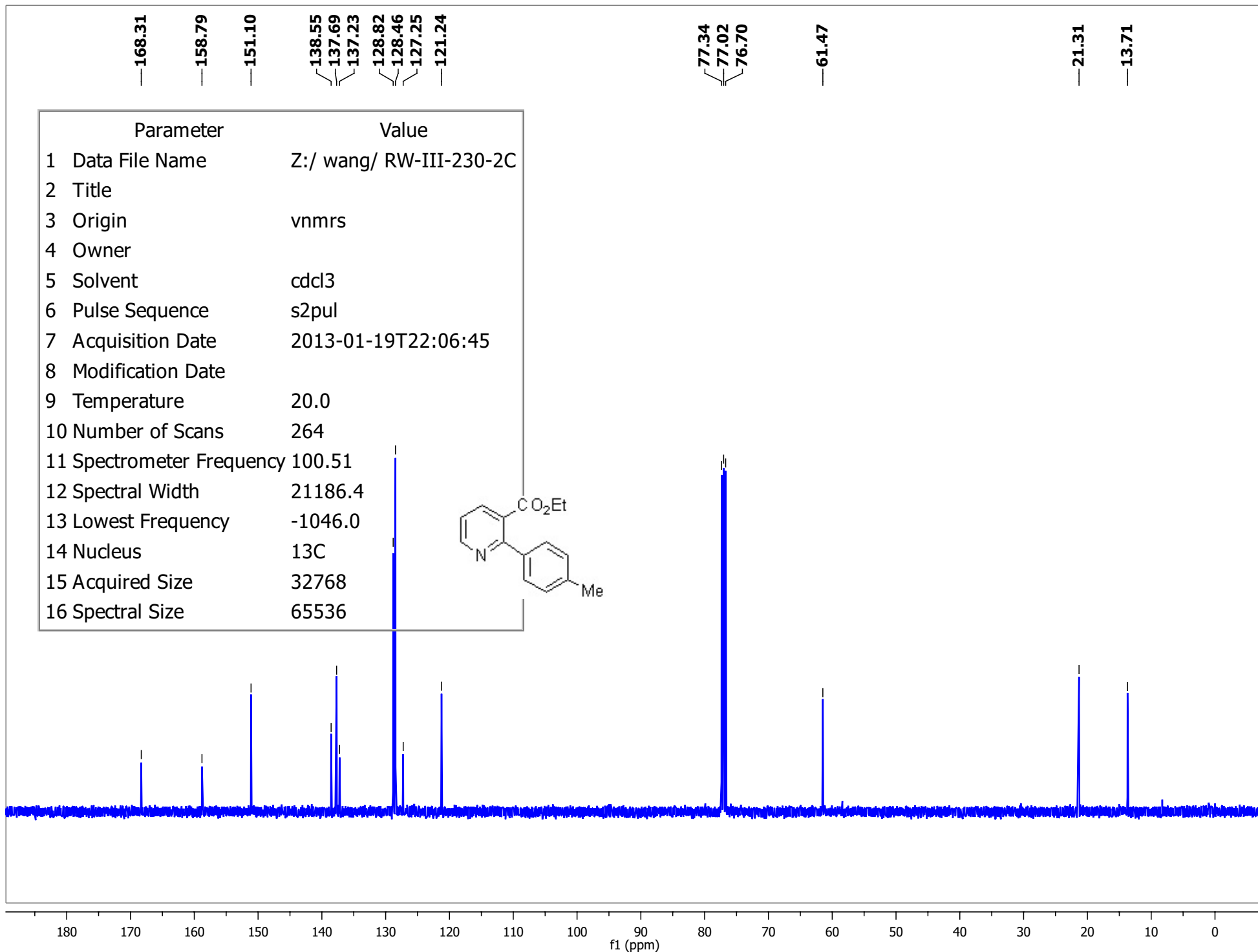
Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-230-1C
2 Title	
3 Origin	vnMrs
4 Owner	
5 Solvent	cdCl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-19T21:20:30
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	588
11 Spectrometer Frequency	100.51
12 Spectral Width	25510.2
13 Lowest Frequency	-966.7
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

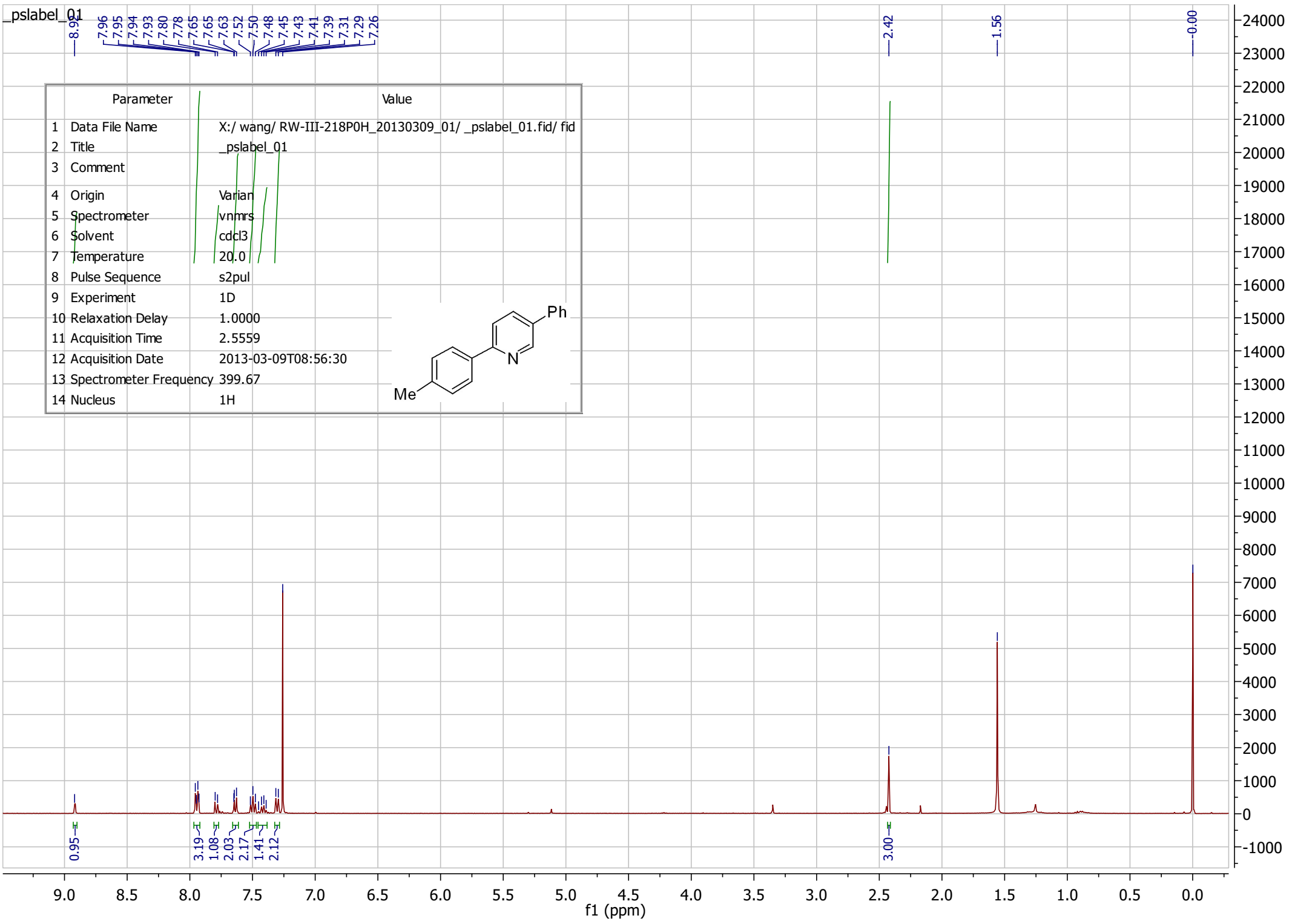


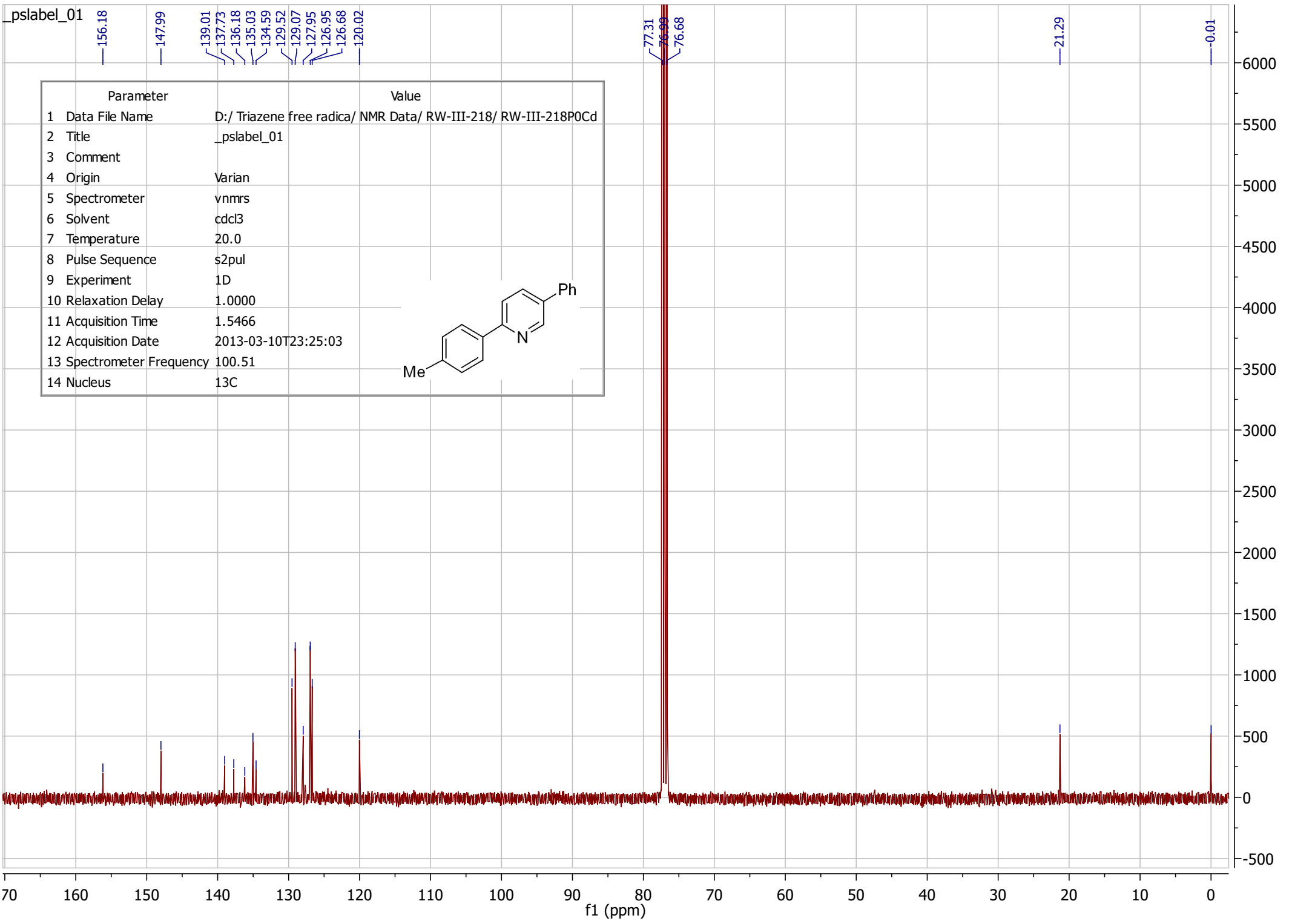


Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-230-2H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-19T21:14:42
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768









156.18  
147.99

139.01  
137.73  
136.18  
135.03  
134.59  
129.52  
129.07  
127.95  
126.95  
126.68  
120.02

77.31  
76.99  
76.68

21.29

0.01

f1 (ppm)

8.68  
8.67

7.71  
7.69

7.32  
7.30

7.30  
7.29

7.27  
7.26

7.24  
7.20

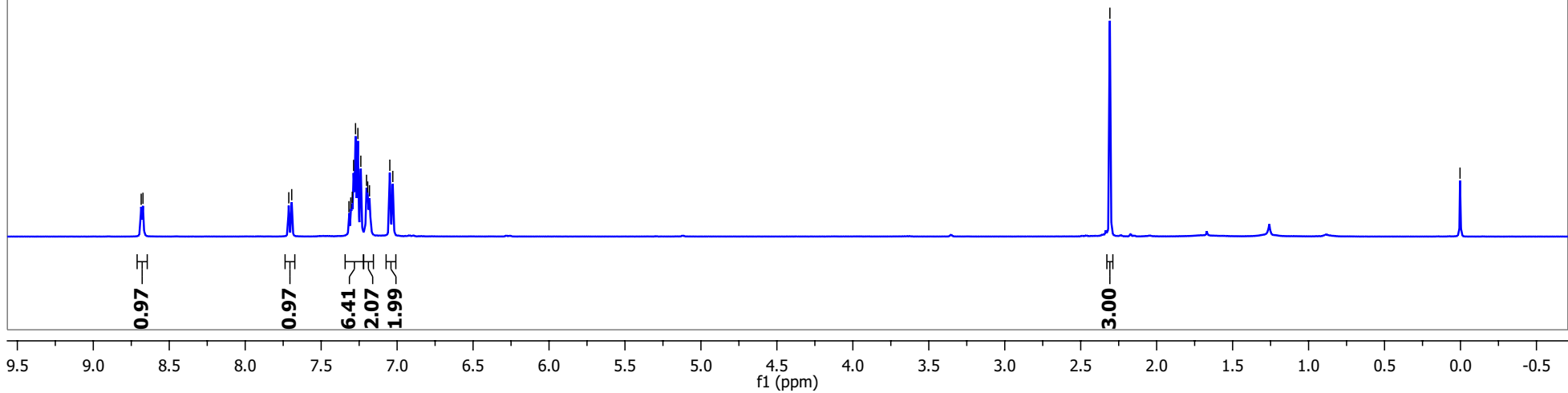
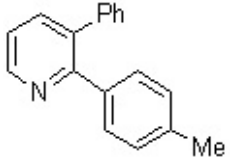
7.19  
7.18

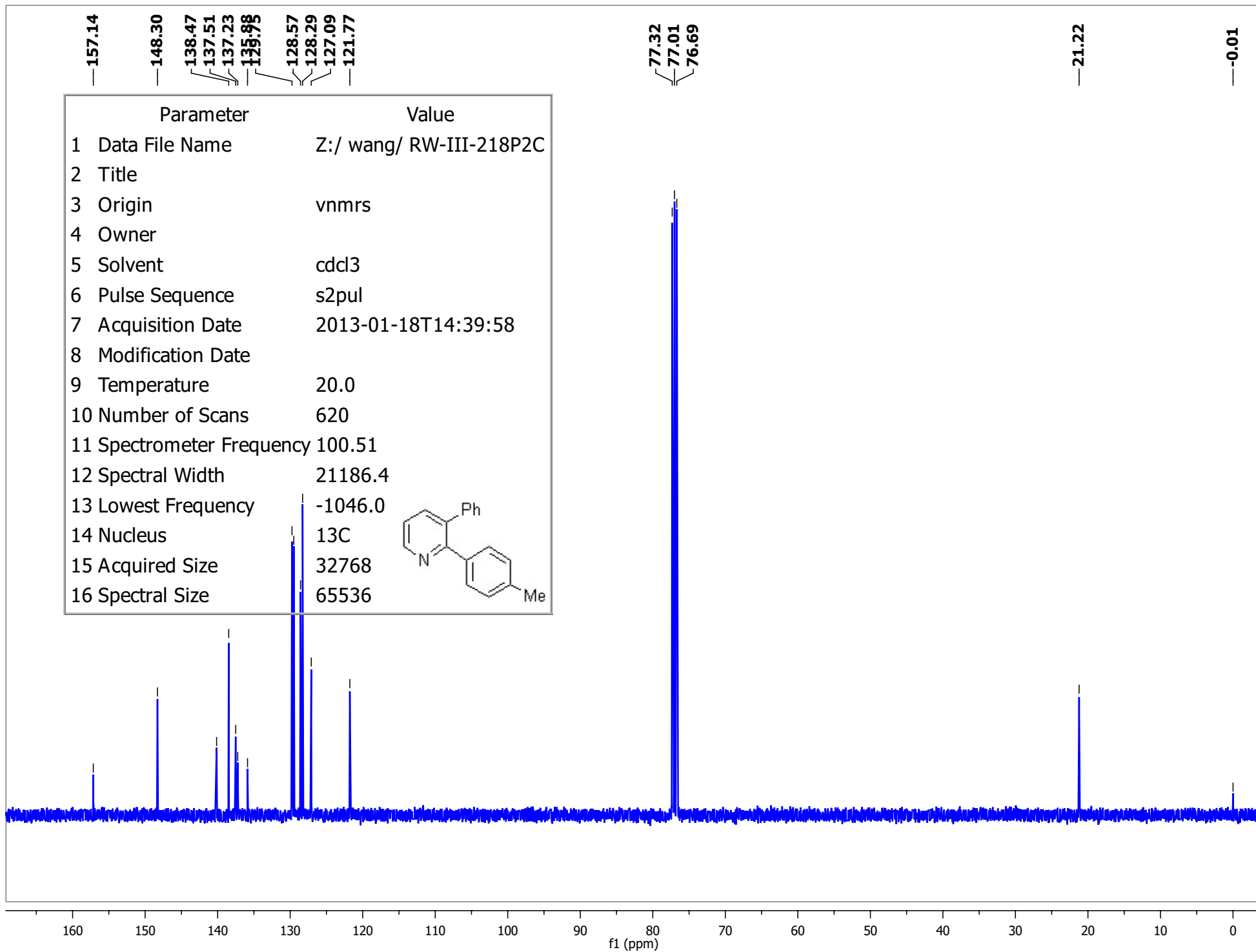
7.05  
7.03

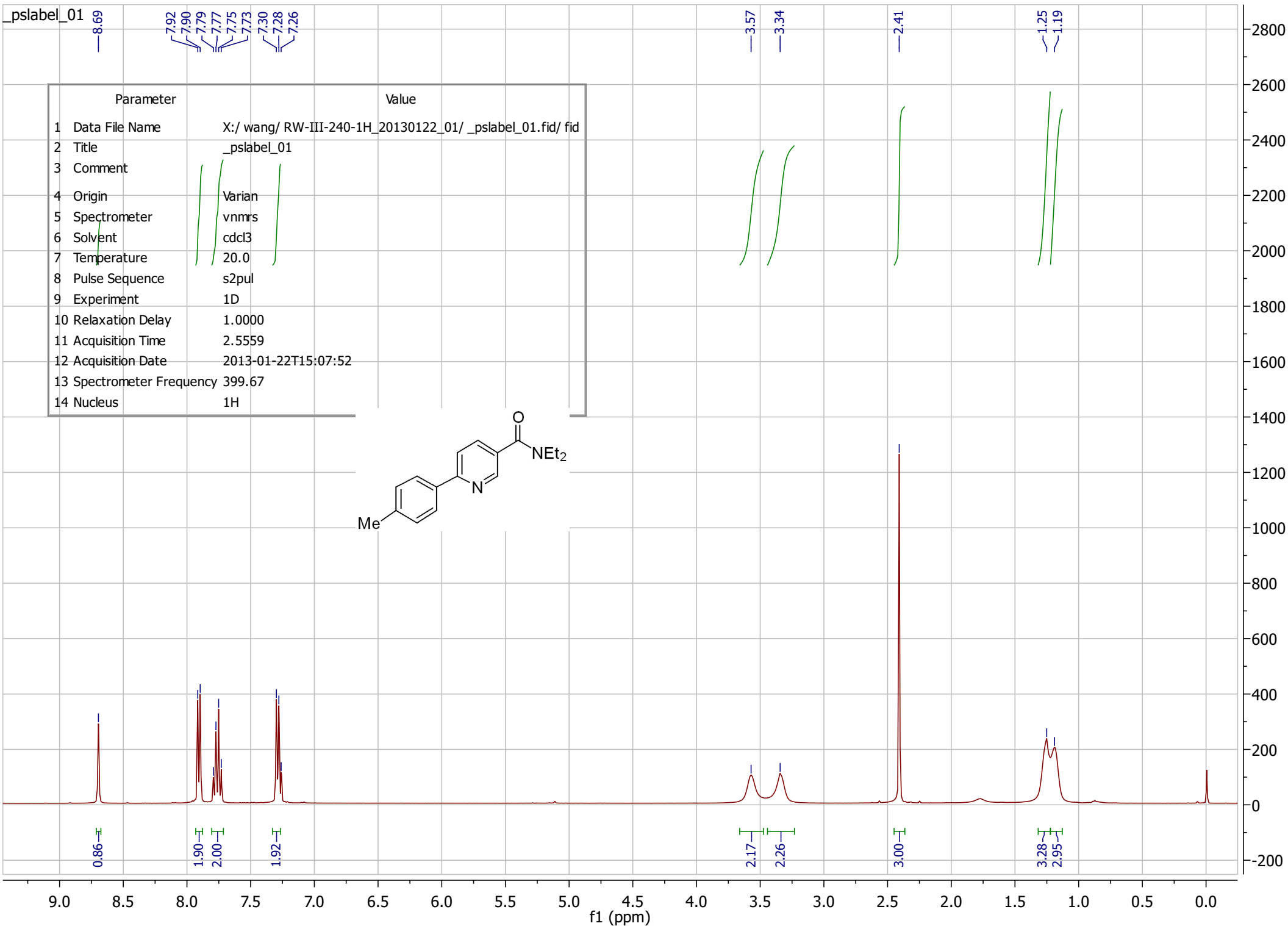
2.31

0.00

Parameter	Value
1 Data File Name	z:/ wang/ RW-III-218P2H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-18T14:32:48
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768

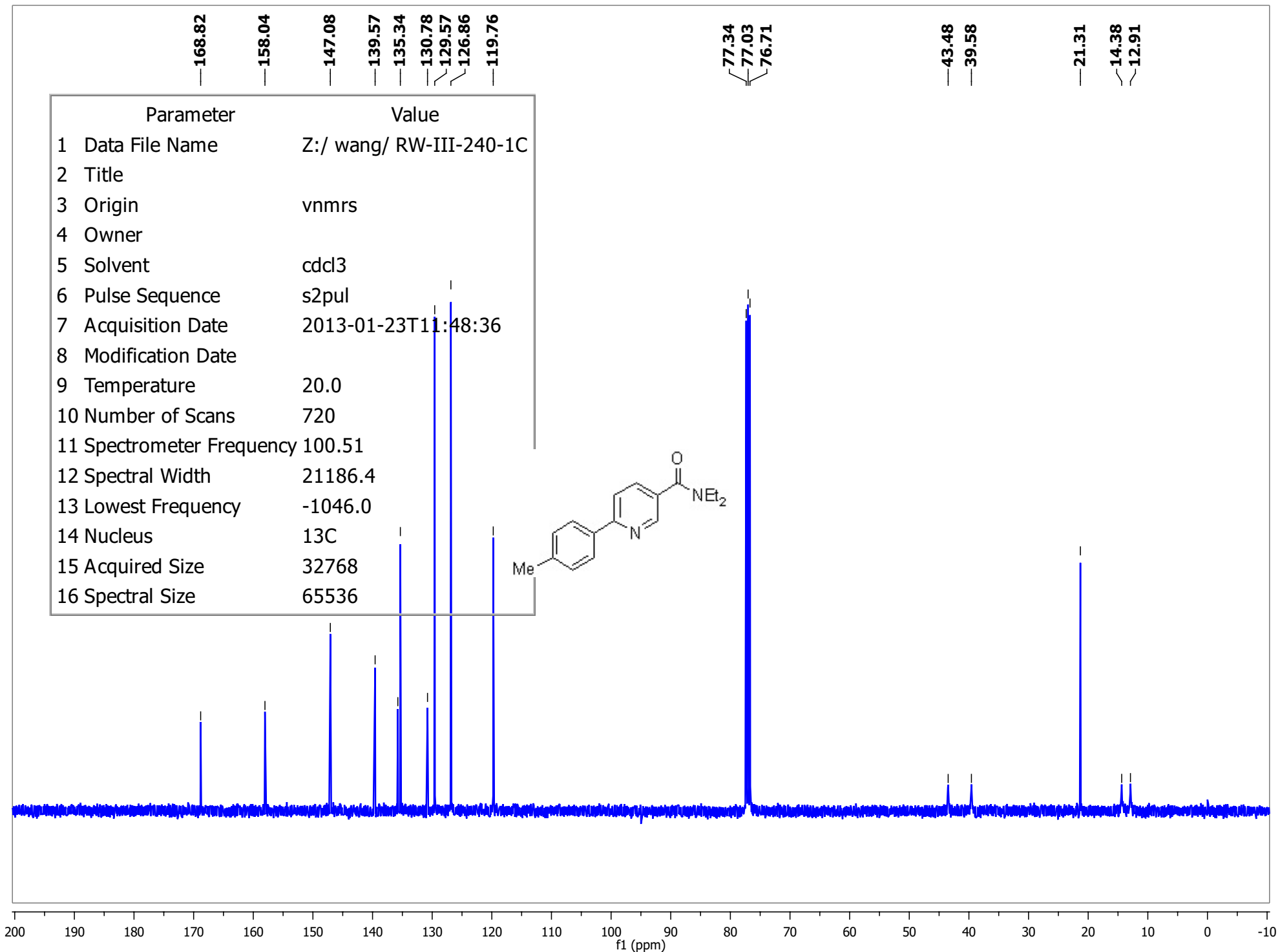




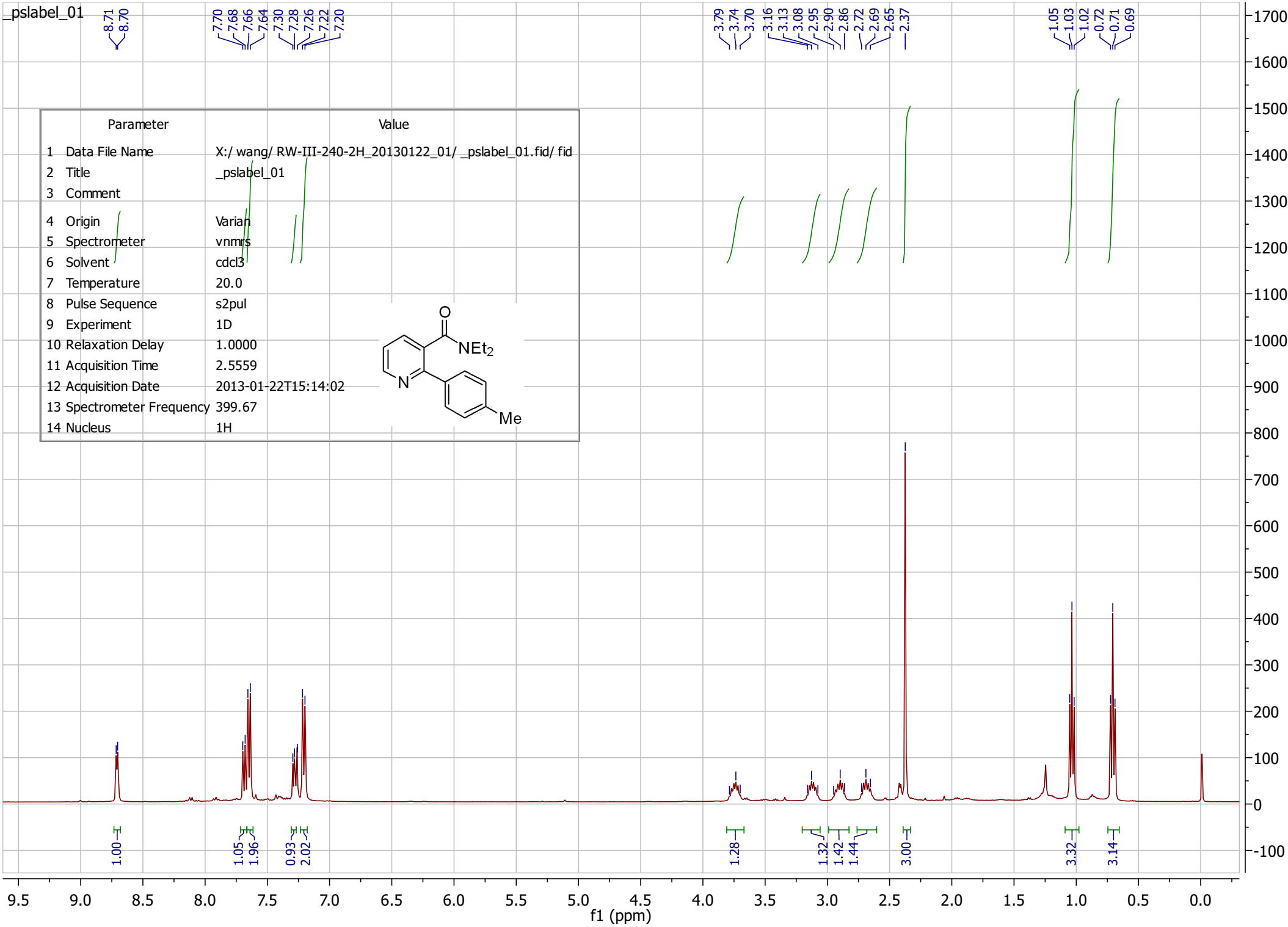


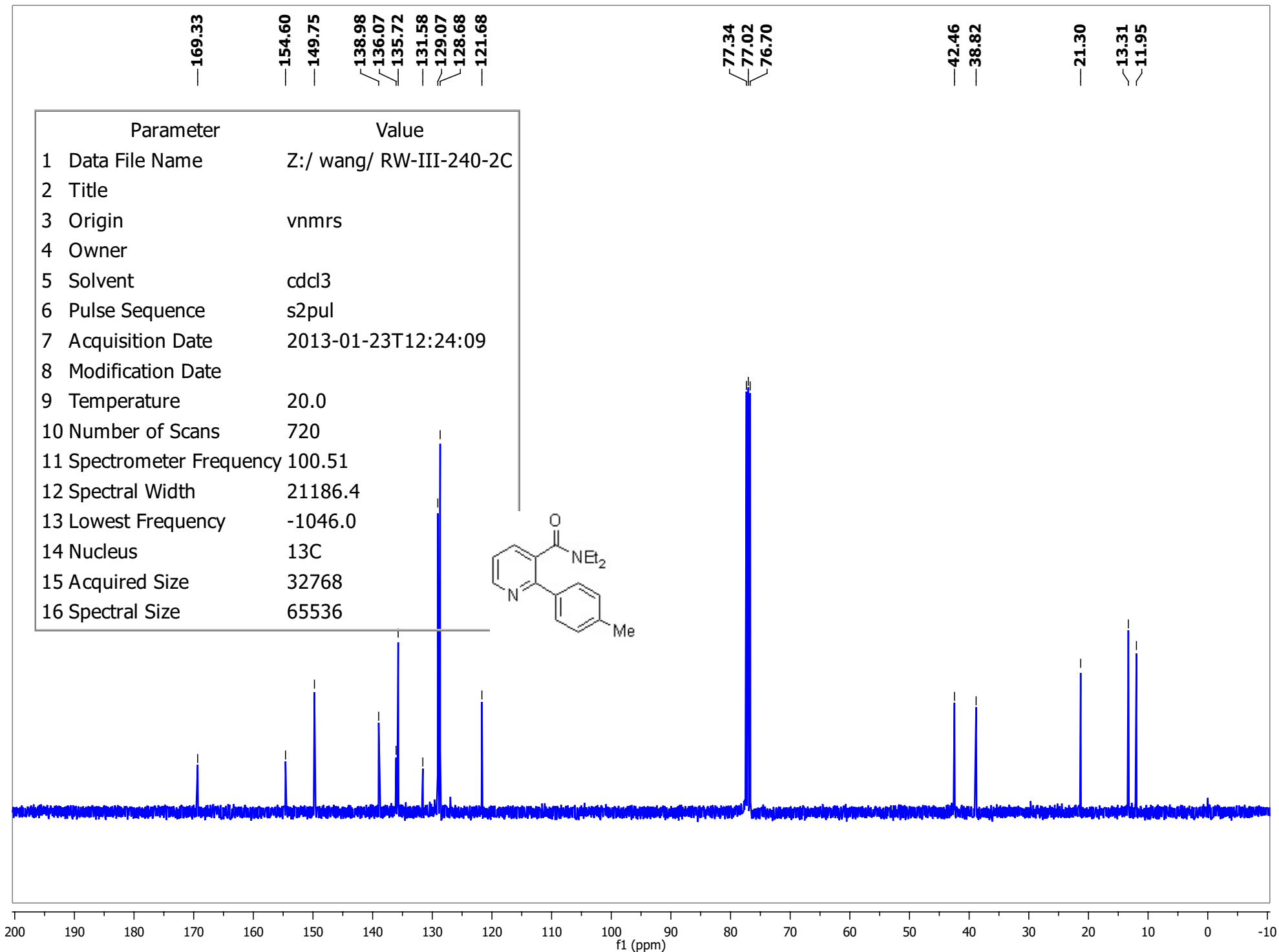
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1 Data File Name	X:/ wang/ RW-III-240-1H_20130122_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-01-22T15:07:52
13 Spectrometer Frequency	399.67
14 Nucleus	1H





Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-240-1C
2 Title	
3 Origin	vnms
4 Owner	
5 Solvent	cdd3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-23T11:48:36
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	720
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

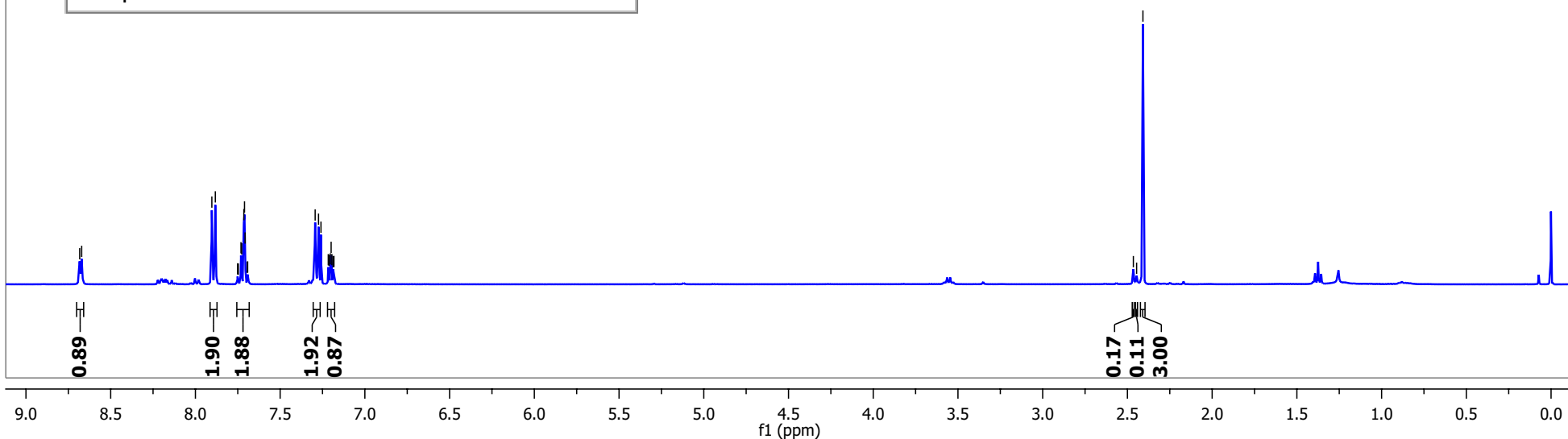
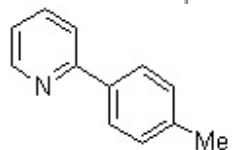


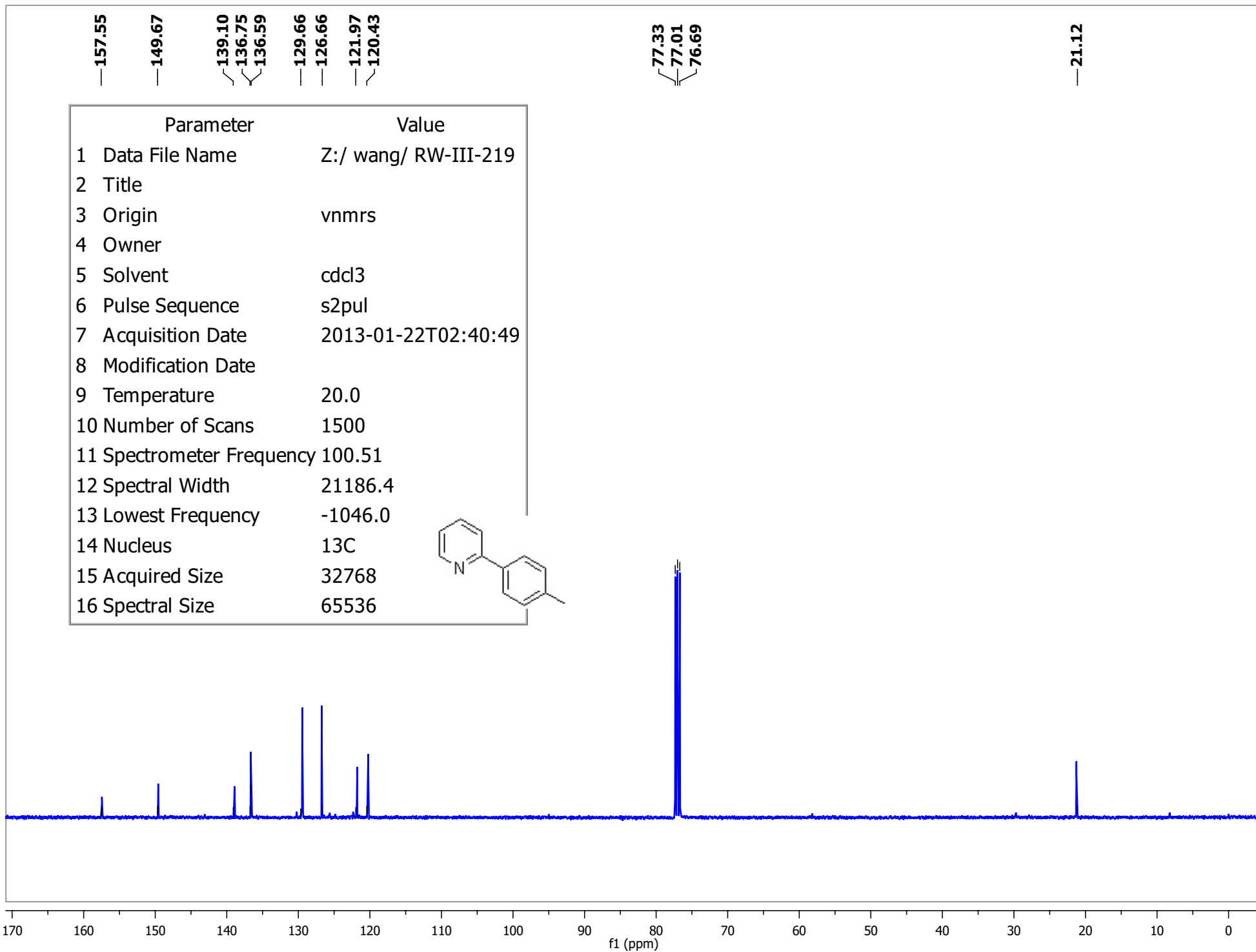


8.68  
8.67  
7.90  
7.73  
7.71  
7.71  
7.69  
7.29  
7.27  
7.26  
7.22  
7.21  
7.20  
7.20  
7.19  
7.19  
7.18

2.46  
2.45  
2.41

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-219
2 Title	
3 Origin	vnMrs
4 Owner	
5 Solvent	cdCl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-19T23:12:07
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768





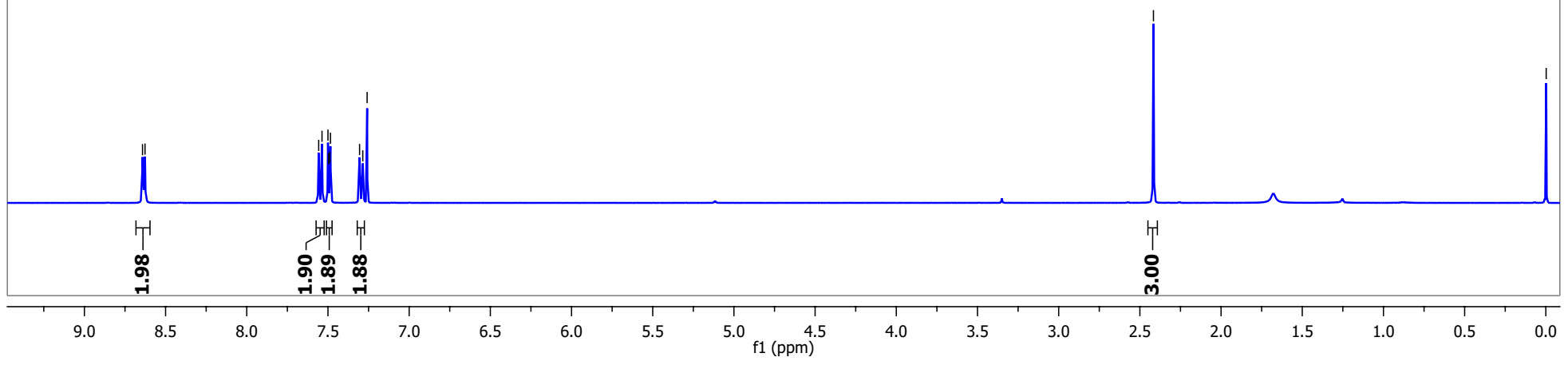
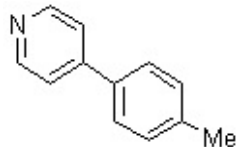
8.64  
8.63

7.54  
7.50  
7.50  
7.49  
7.48  
7.31  
7.29  
7.26

2.42

0.00

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-219P2H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-03-08T14:53:30
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	34
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



150.19  
148.20

139.20  
135.18

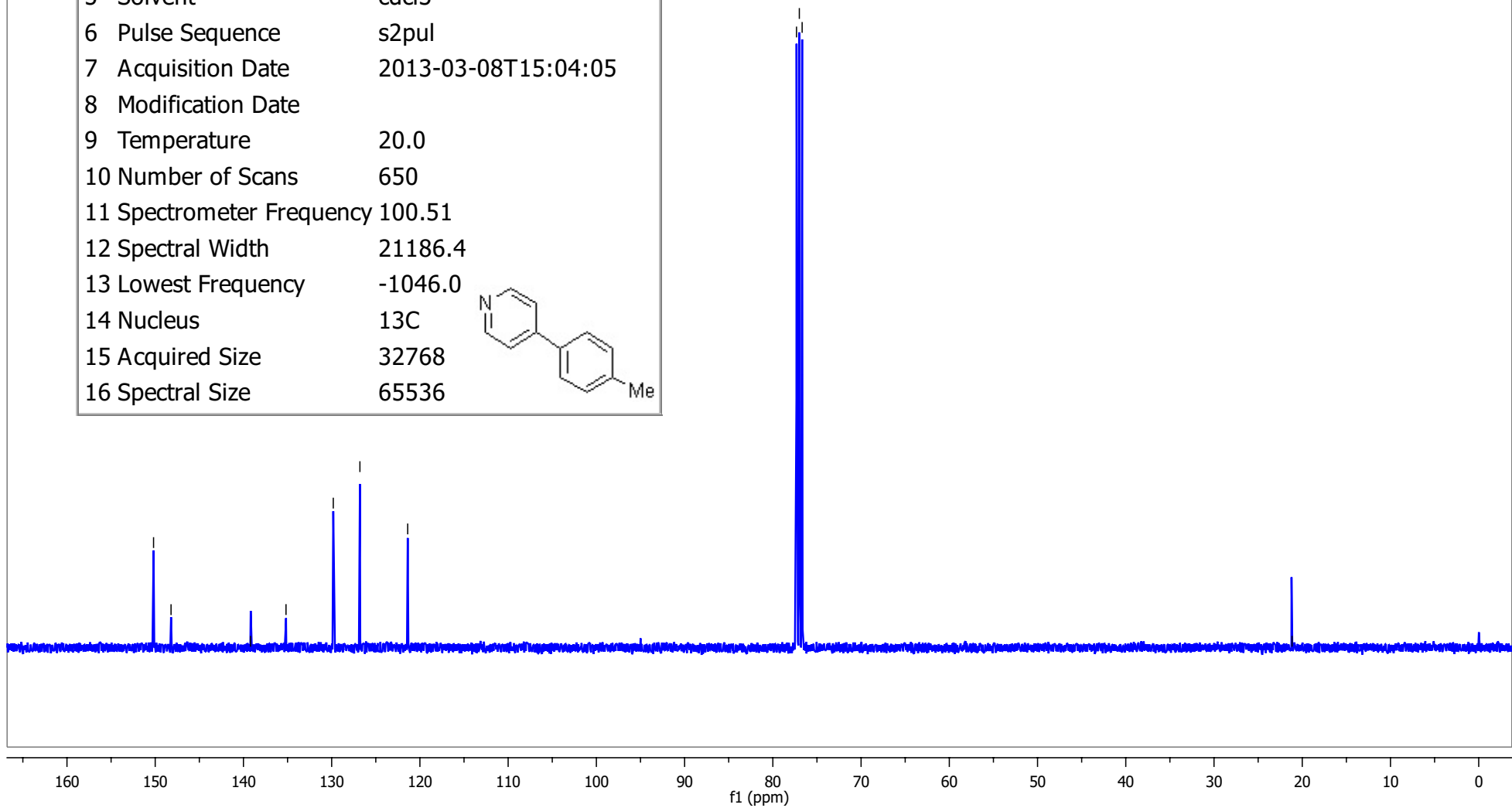
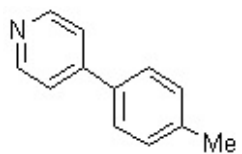
129.82  
126.80

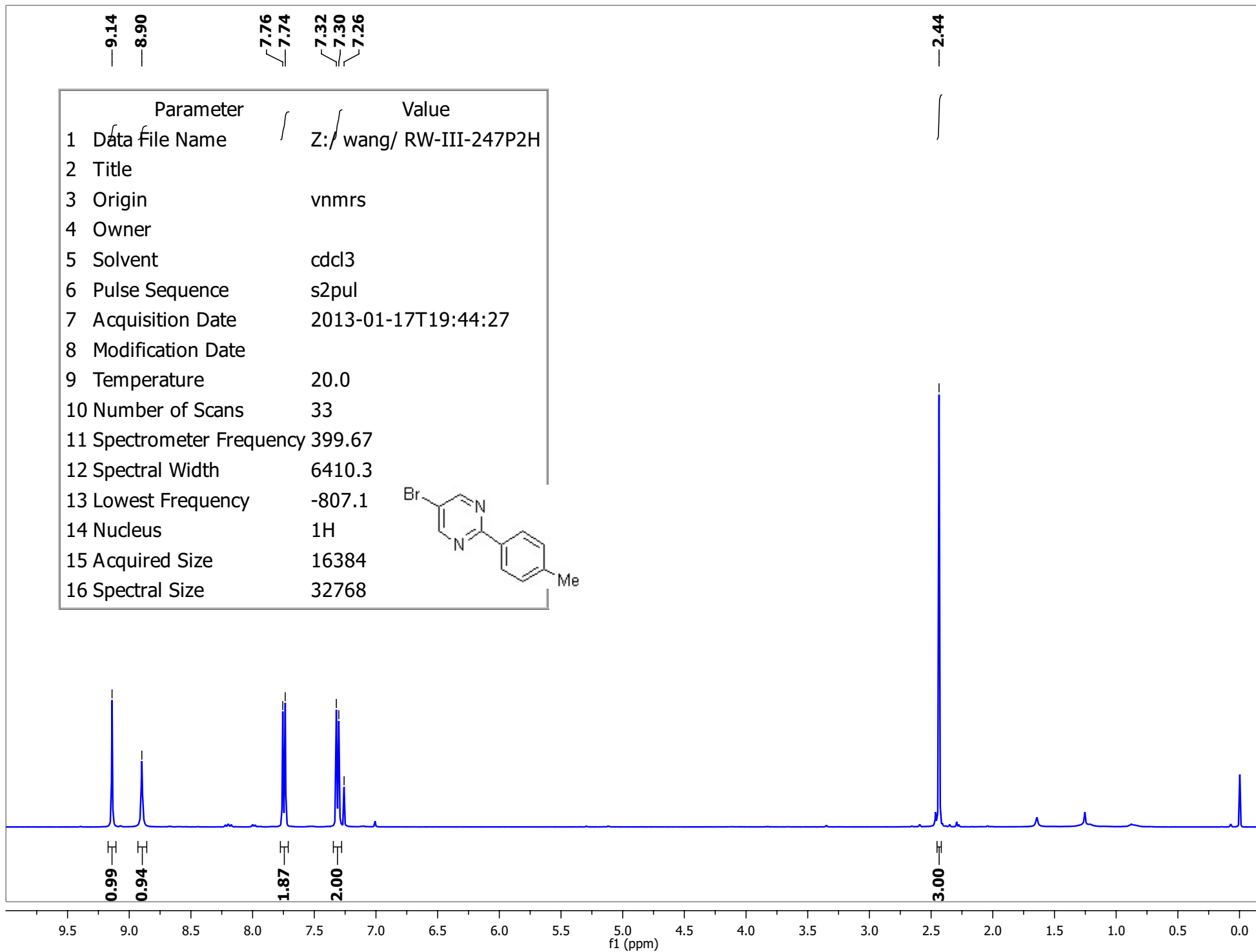
121.38

77.32  
77.00  
76.68

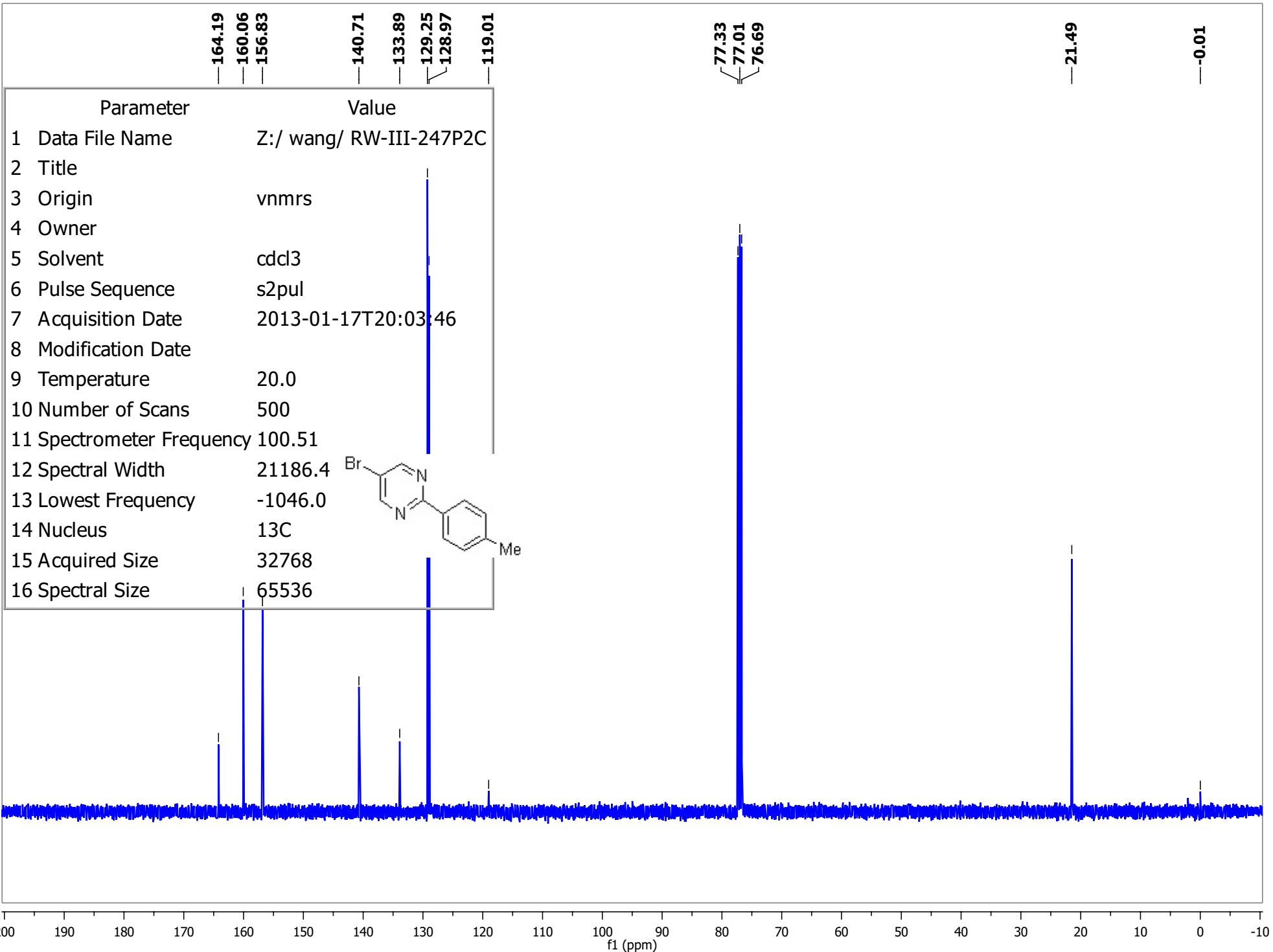
21.16

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-219P2C
2 Title	
3 Origin	vnms
4 Owner	
5 Solvent	cdd3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-03-08T15:04:05
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	650
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

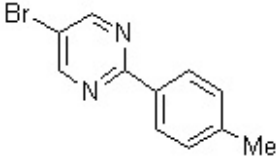








Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-247P2C
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-17T20:03:46
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	500
11 Spectrometer Frequency	100.51
12 Spectral Width	21186.4
13 Lowest Frequency	-1046.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 -10  
f1 (ppm)

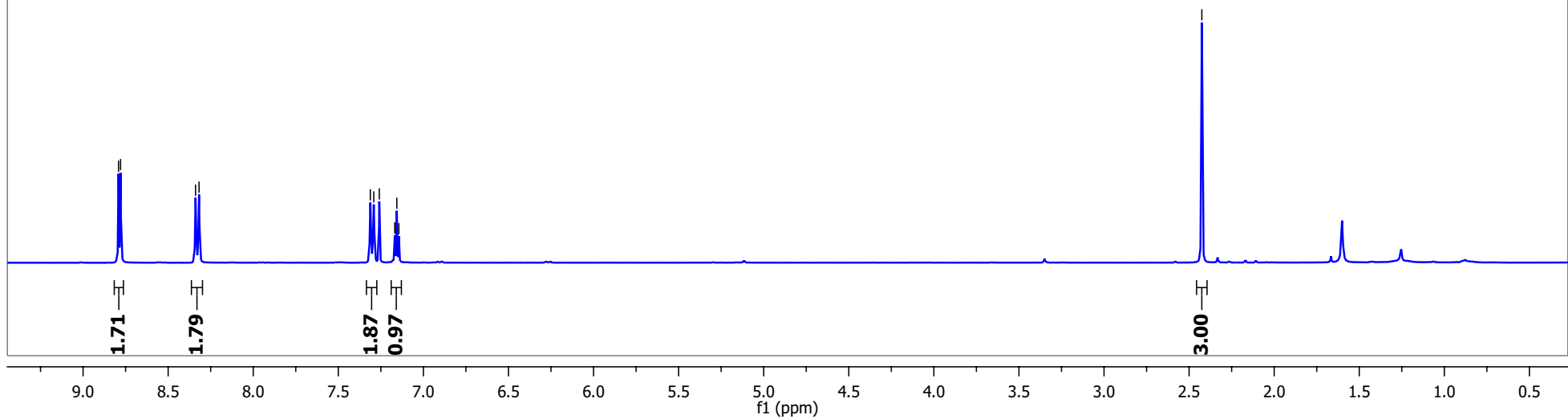
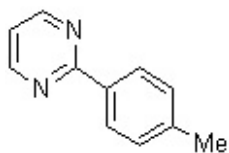
8.79  
8.78

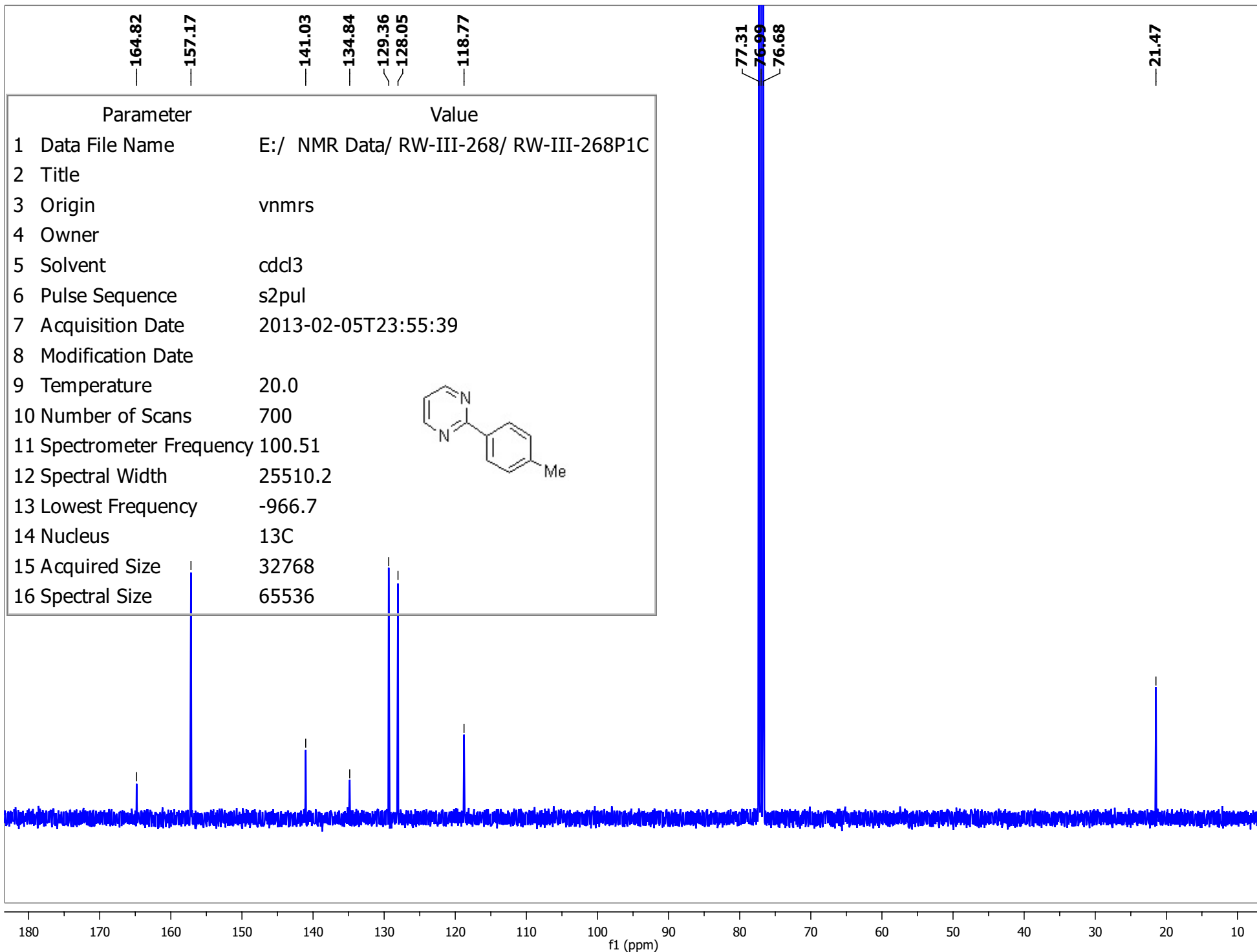
8.34  
8.32

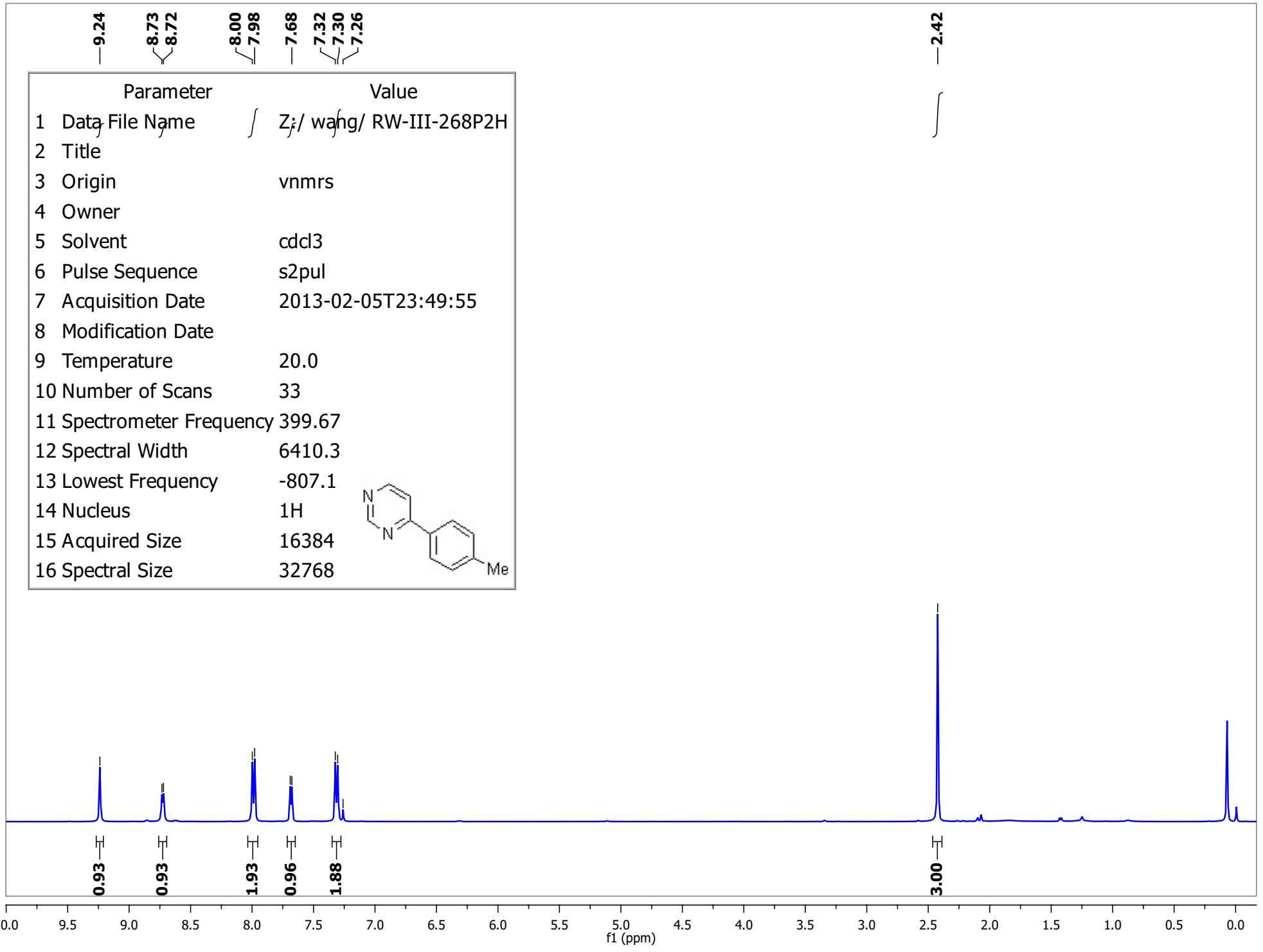
7.31  
7.29  
7.26  
7.17  
7.16  
7.14

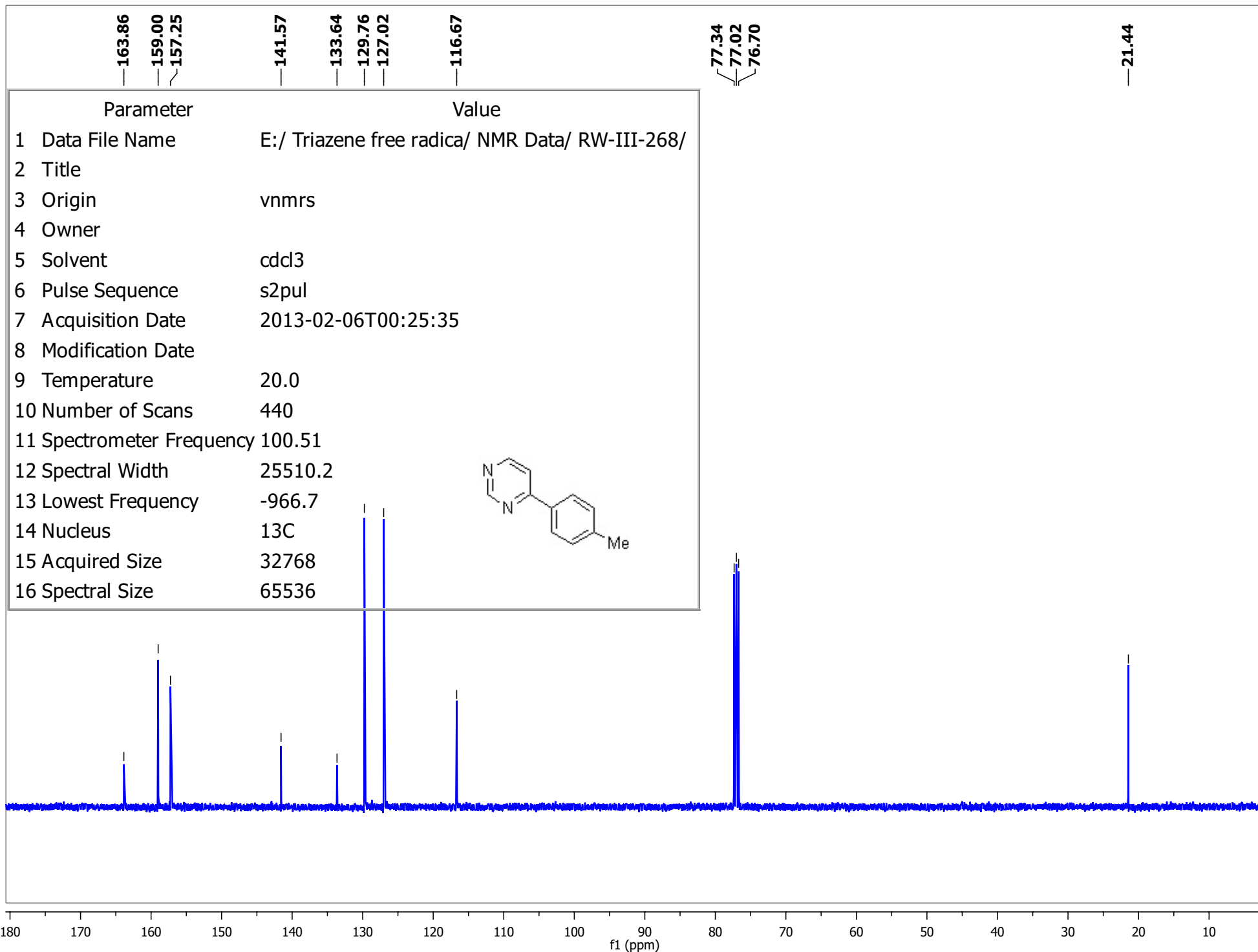
2.43

Parameter	Value
1 Data File Name	Z:\wang\ RW-III-268P1H
2 Title	
3 Origin	vnms
4 Owner	
5 Solvent	cdd3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-05T23:43:55
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768







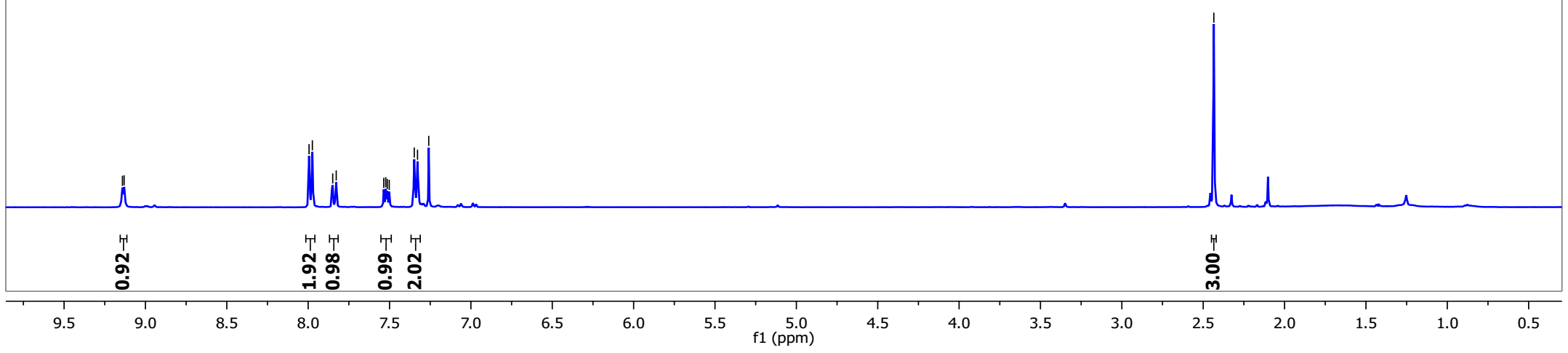
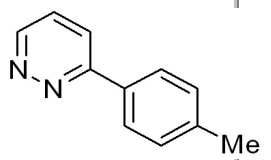


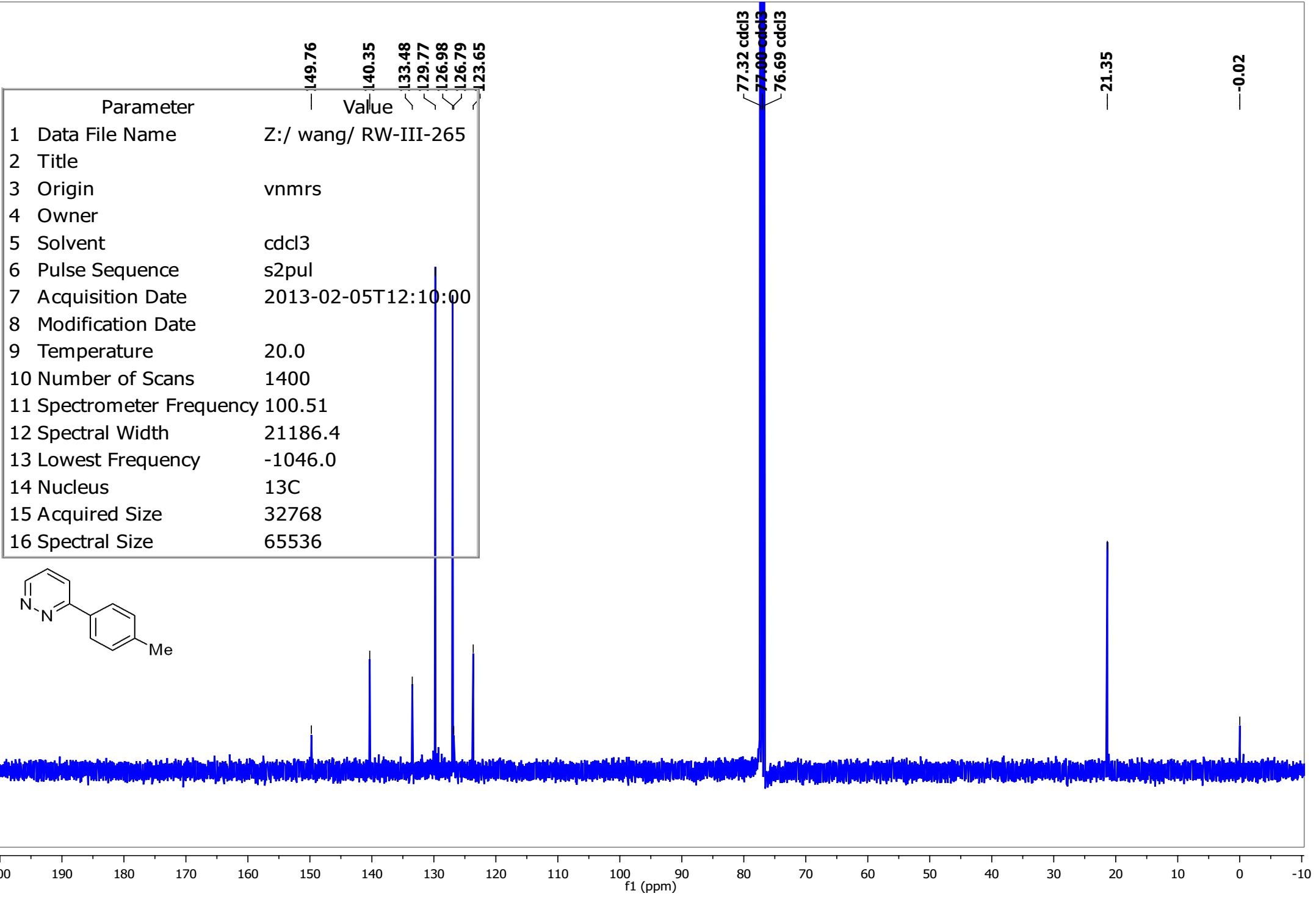
9.14  
9.13

7.99  
7.97  
7.85  
7.83  
7.54  
7.52  
7.51  
7.50  
7.35  
7.33  
7.26

2.43

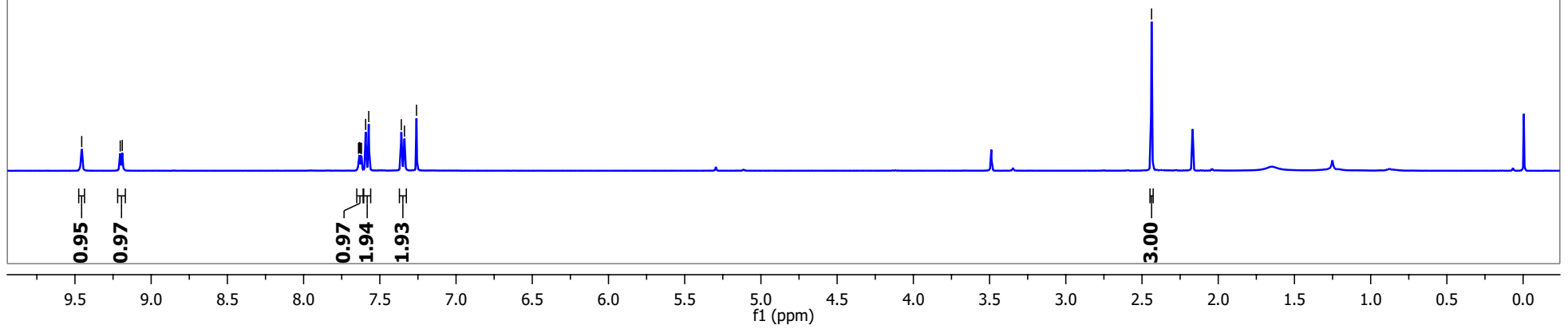
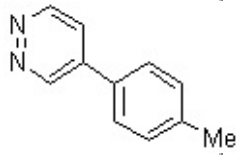
Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-265H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-05T22:46:16
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



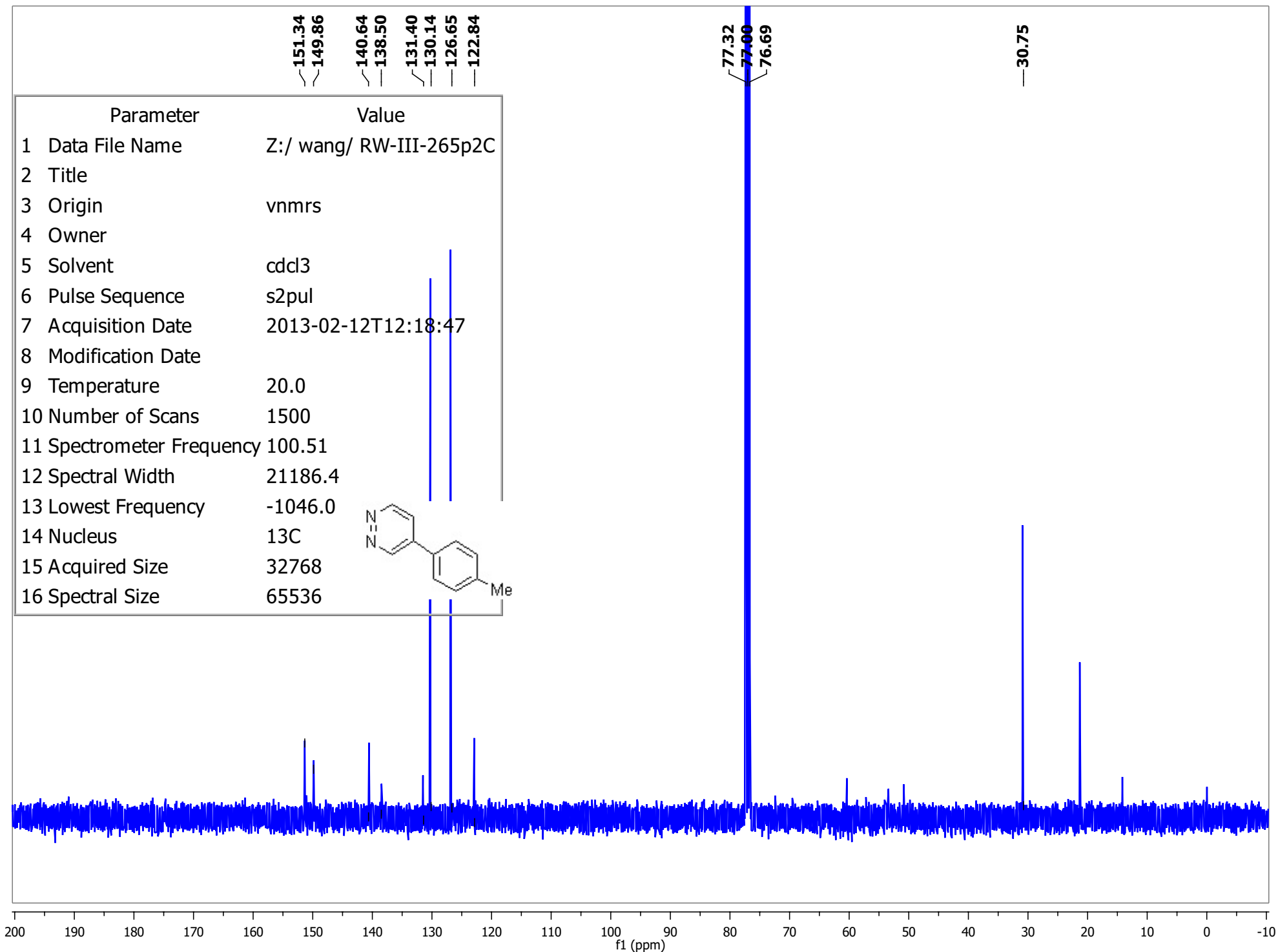


9.46  
9.20  
9.19  
7.64  
7.63  
7.63  
7.62  
7.59  
7.57  
7.36  
7.34  
7.26  
2.44

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-265
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-11T23:29:32
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768







\_pslabel\_01

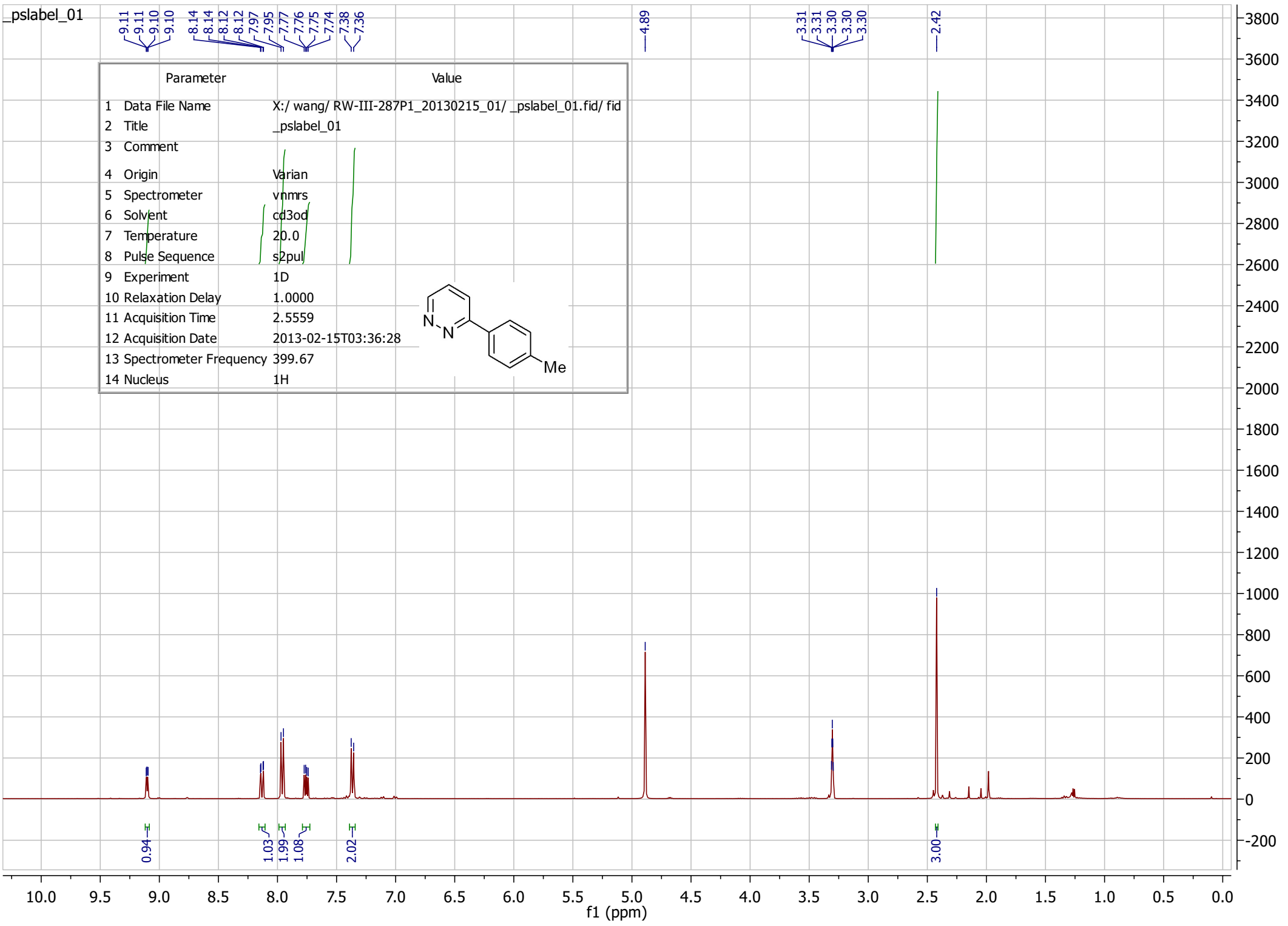
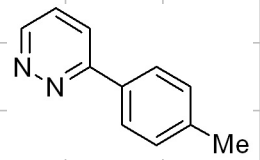
9.11  
9.11  
9.10  
9.10  
8.14  
8.14  
8.12  
8.12  
7.97  
7.95  
7.77  
7.76  
7.75  
7.74  
7.38  
7.36

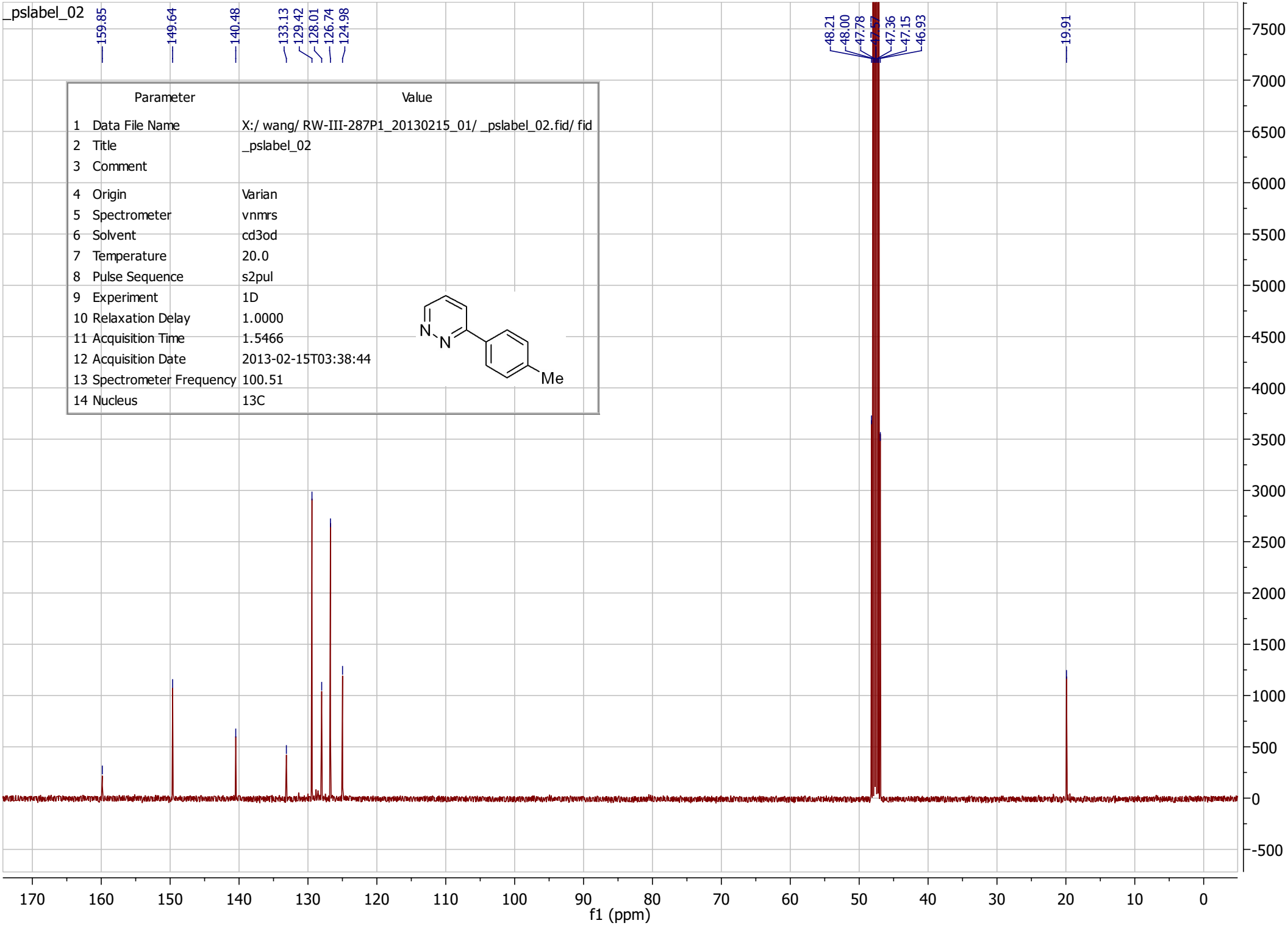
4.89

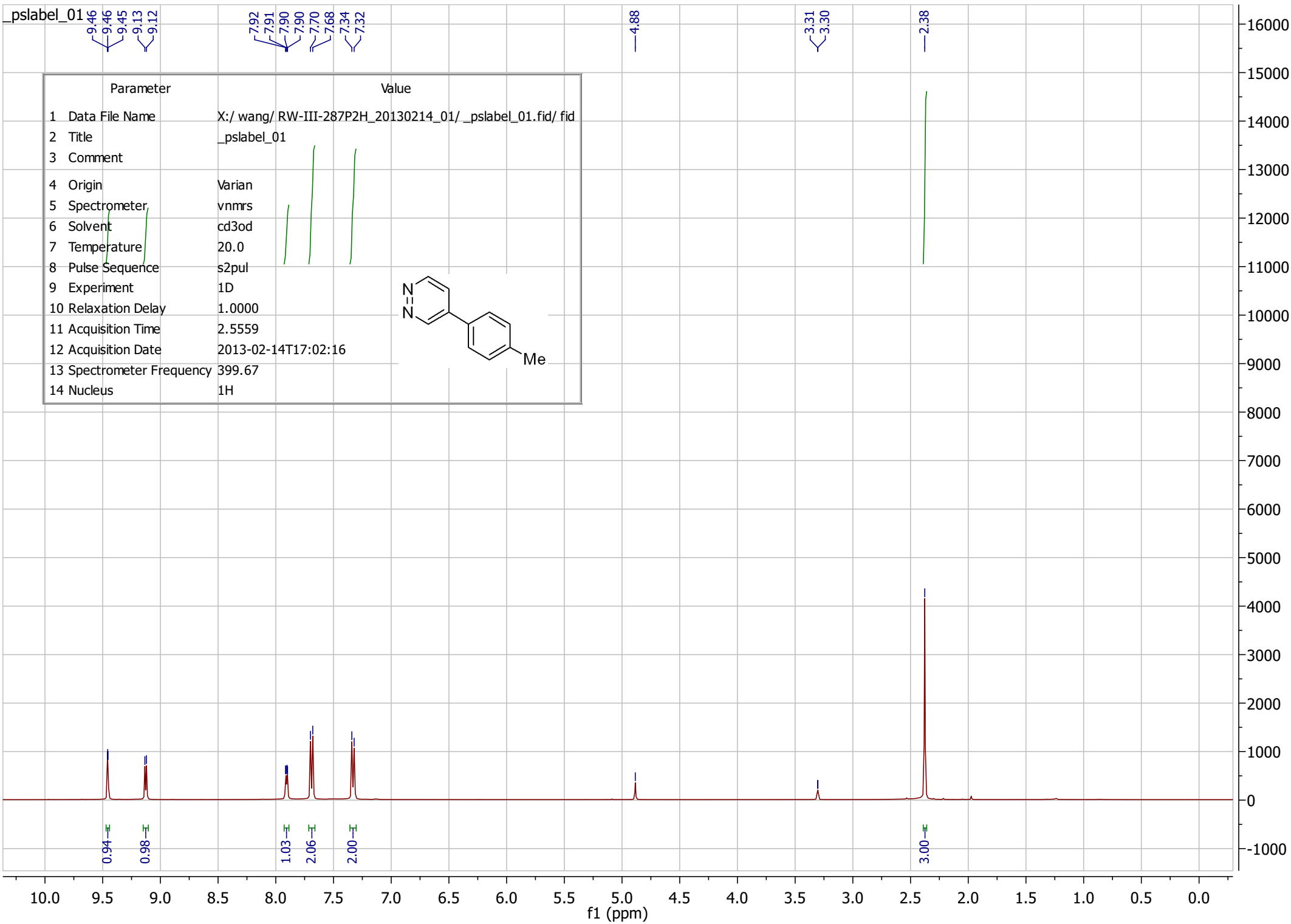
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3.31  
3.30  
3.30  
3.30

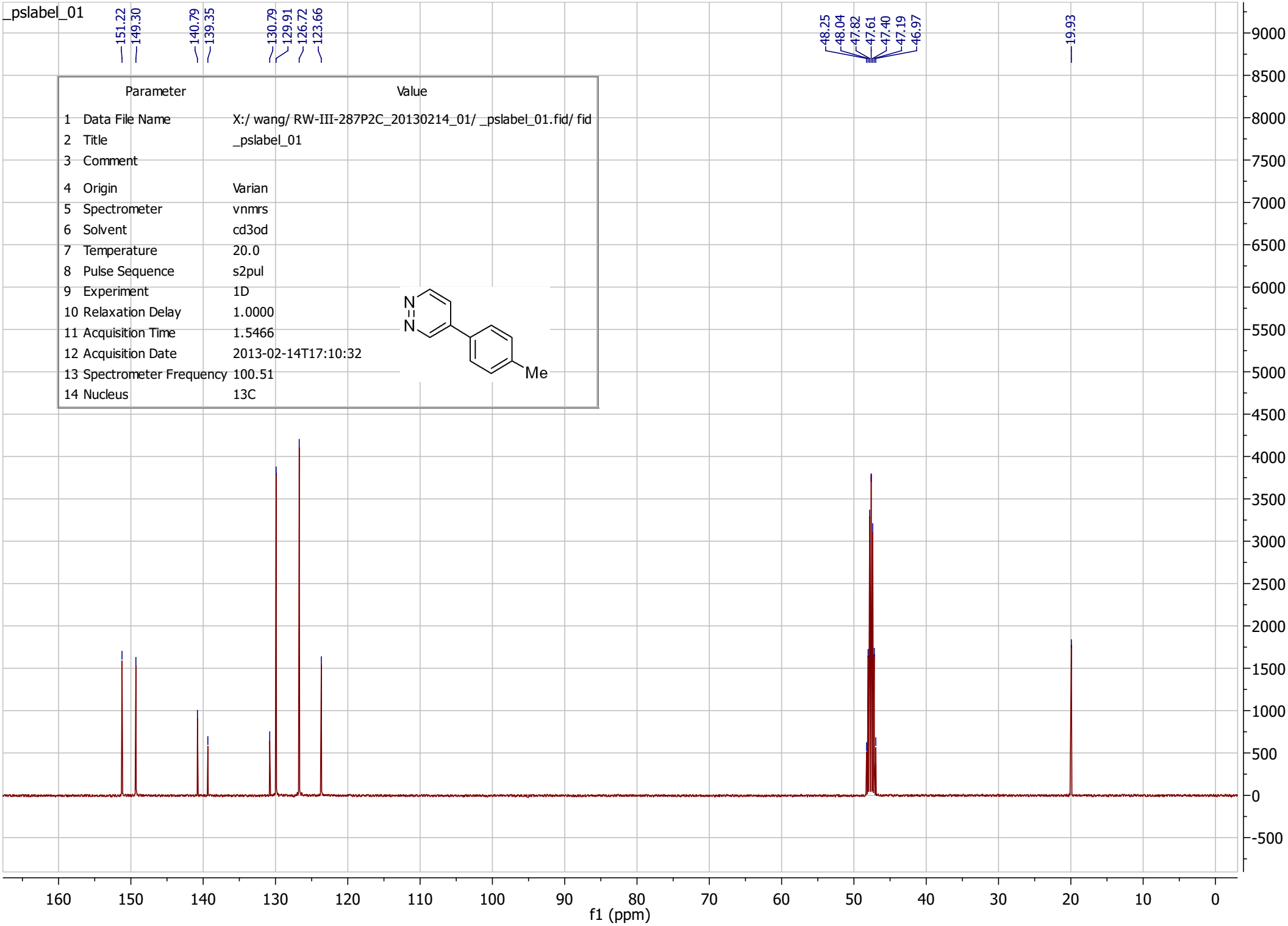
2.42

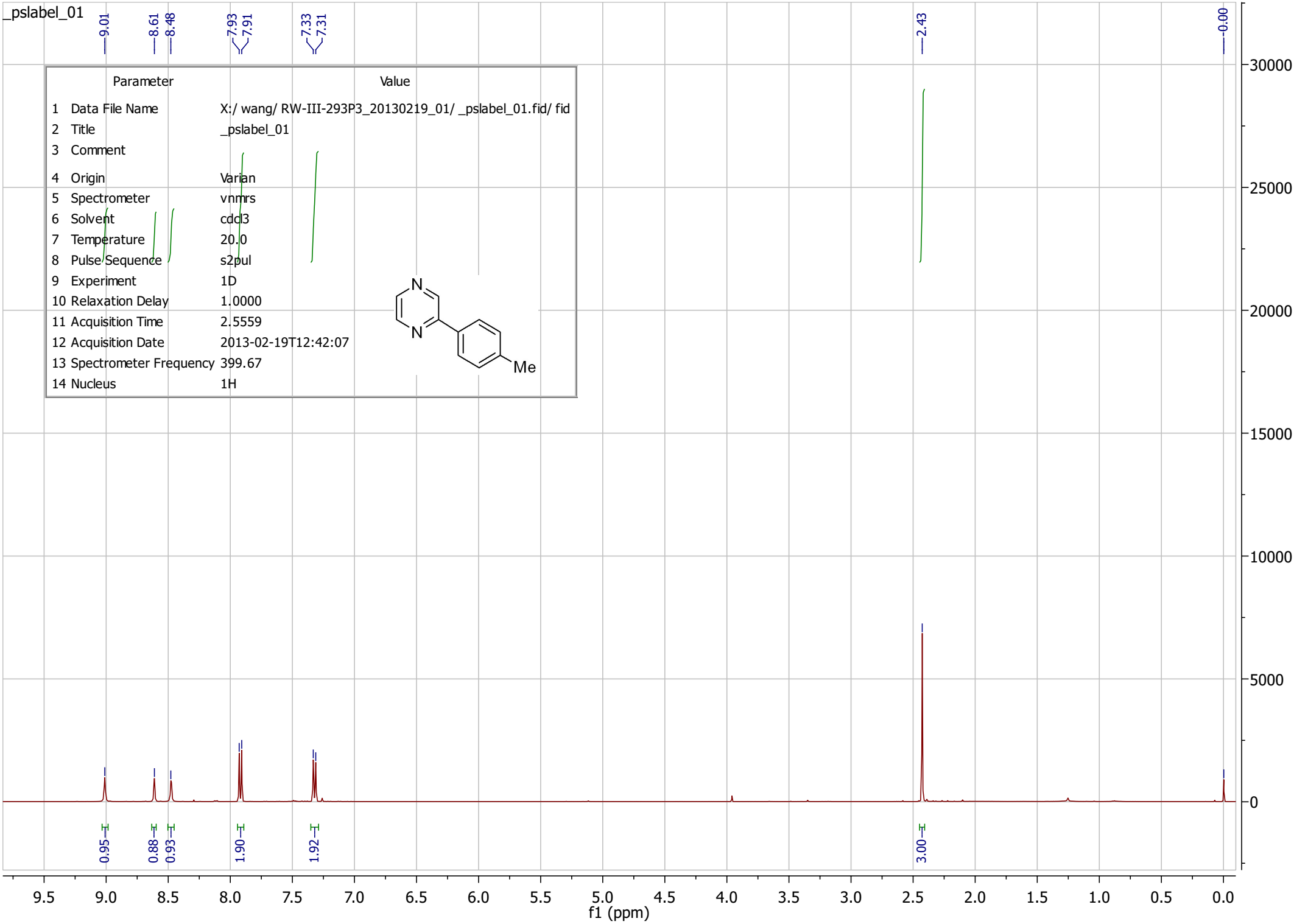
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2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vmrms
6 Solvent	cd3od
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-15T03:36:28
13 Spectrometer Frequency	399.67
14 Nucleus	1H

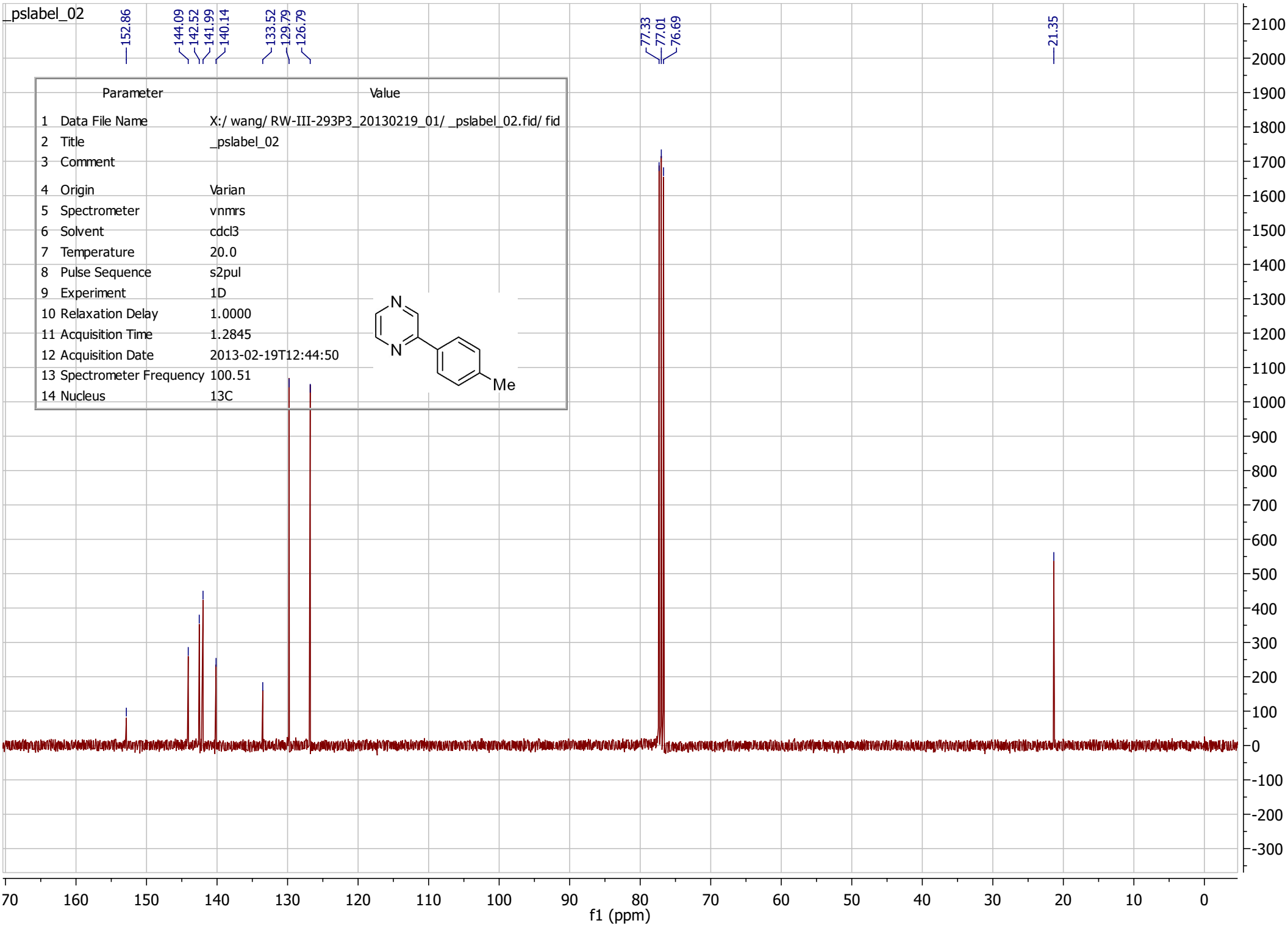








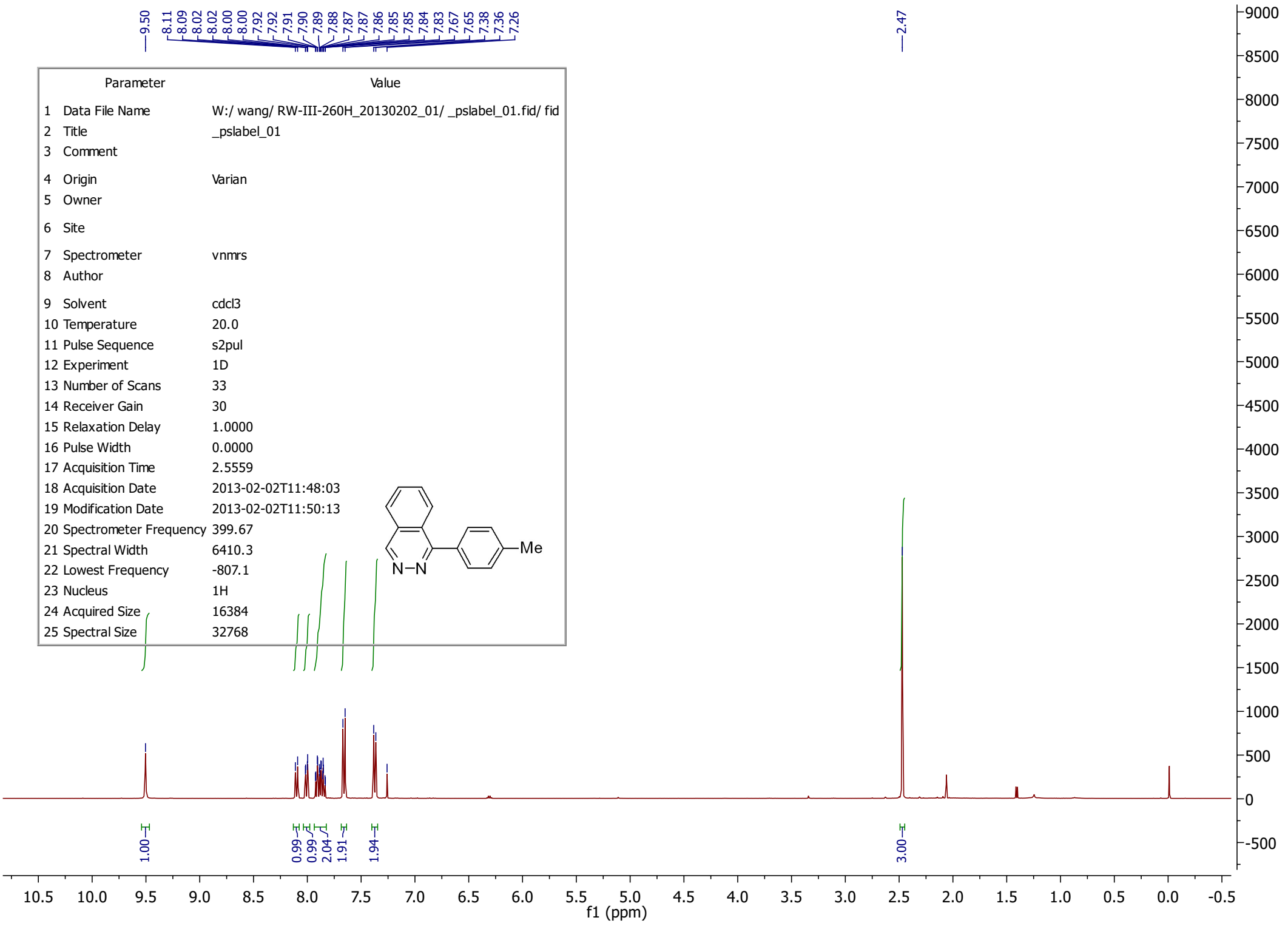
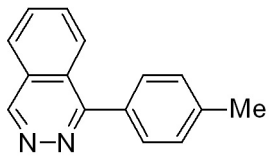




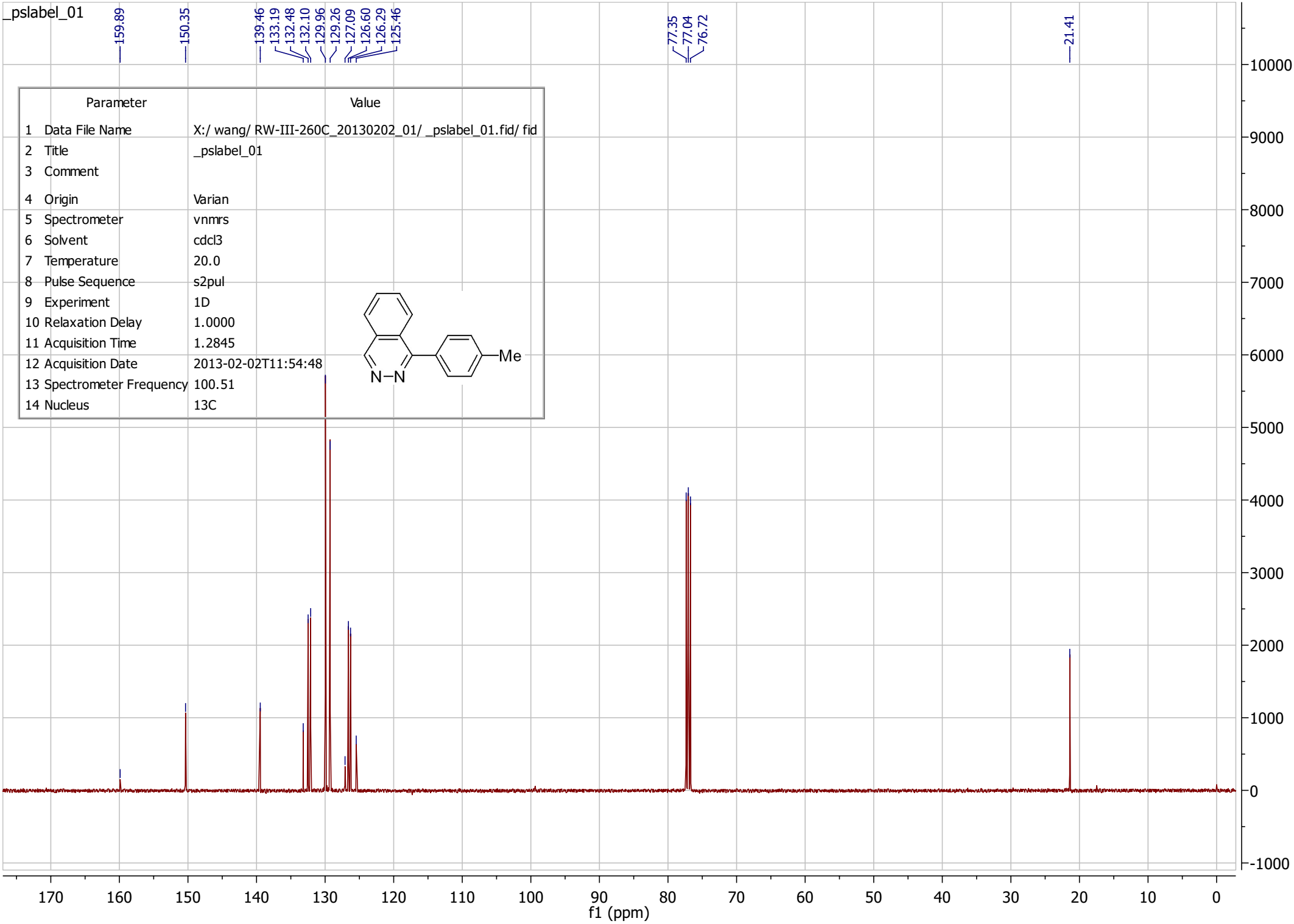
9.50  
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8.09  
8.02  
8.02  
8.00  
8.00  
7.92  
7.92  
7.91  
7.90  
7.89  
7.88  
7.87  
7.87  
7.86  
7.85  
7.85  
7.84  
7.83  
7.67  
7.65  
7.38  
7.36  
7.26

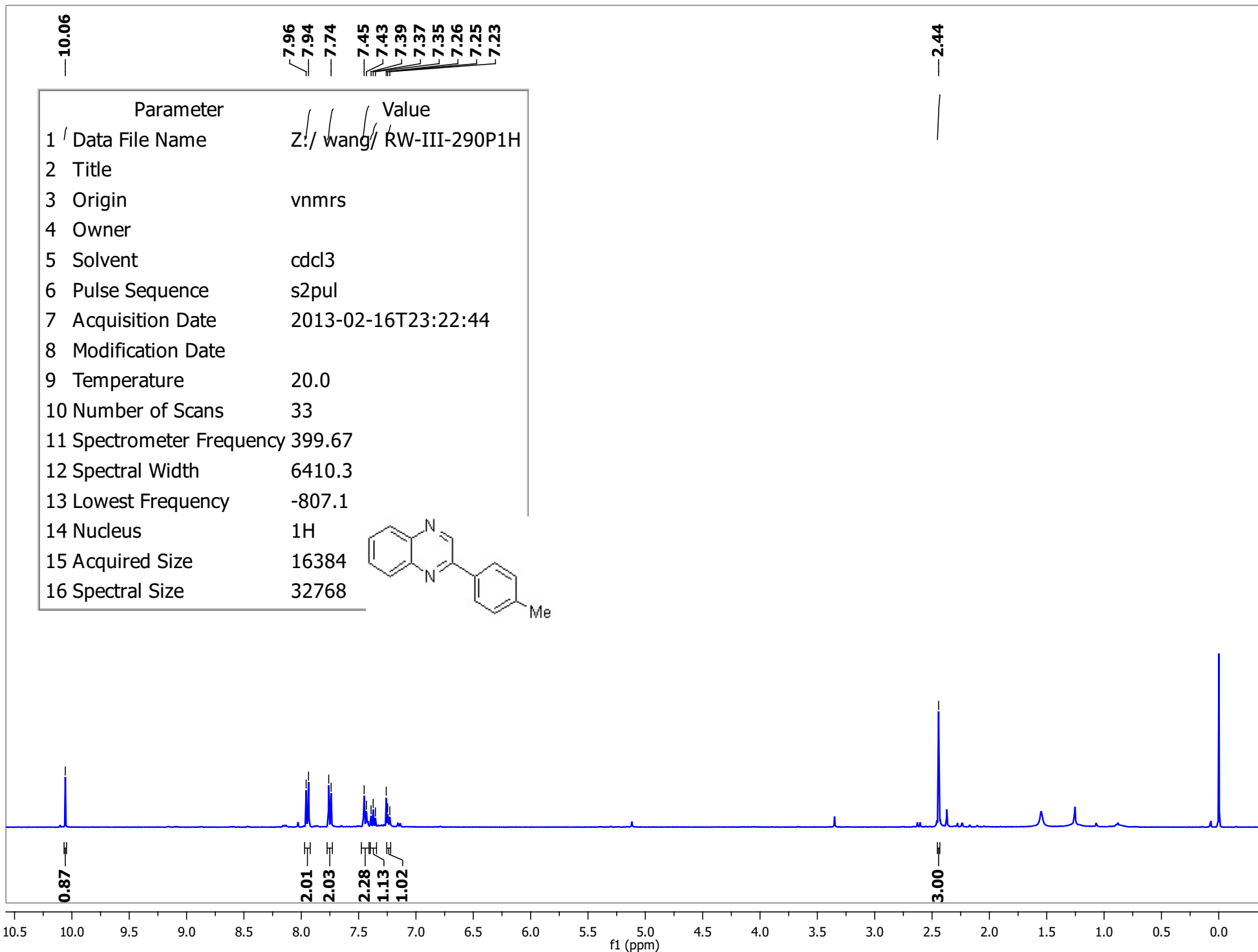
2.47

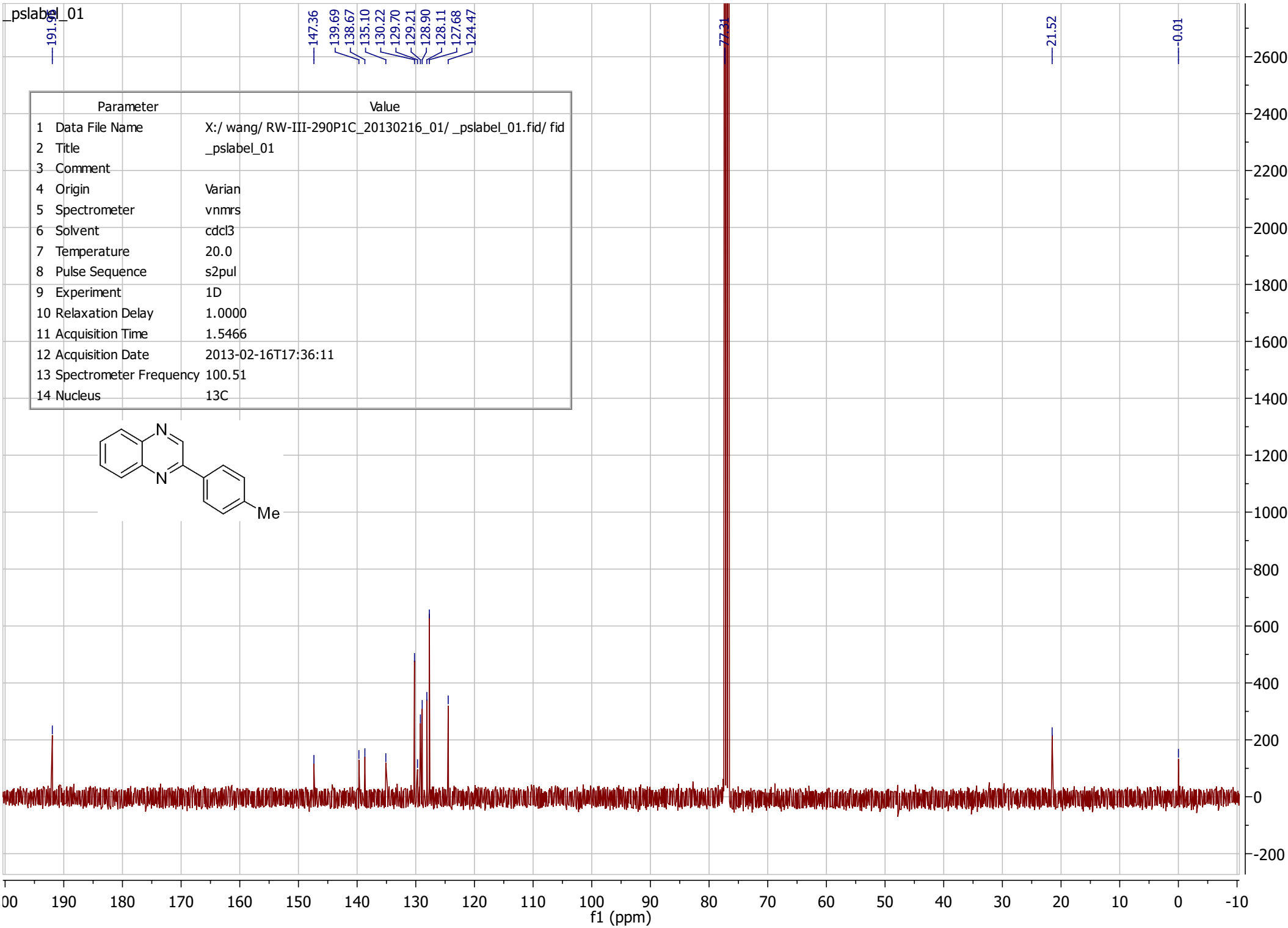
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1 Data File Name	W:/ wang/ RW-III-260H_20130202_01/ _pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Owner	
6 Site	
7 Spectrometer	vnmrs
8 Author	
9 Solvent	cdcl3
10 Temperature	20.0
11 Pulse Sequence	s2pul
12 Experiment	1D
13 Number of Scans	33
14 Receiver Gain	30
15 Relaxation Delay	1.0000
16 Pulse Width	0.0000
17 Acquisition Time	2.5559
18 Acquisition Date	2013-02-02T11:48:03
19 Modification Date	2013-02-02T11:50:13
20 Spectrometer Frequency	399.67
21 Spectral Width	6410.3
22 Lowest Frequency	-807.1
23 Nucleus	1H
24 Acquired Size	16384
25 Spectral Size	32768











9.31

8.15

8.13

8.13

8.12

8.10

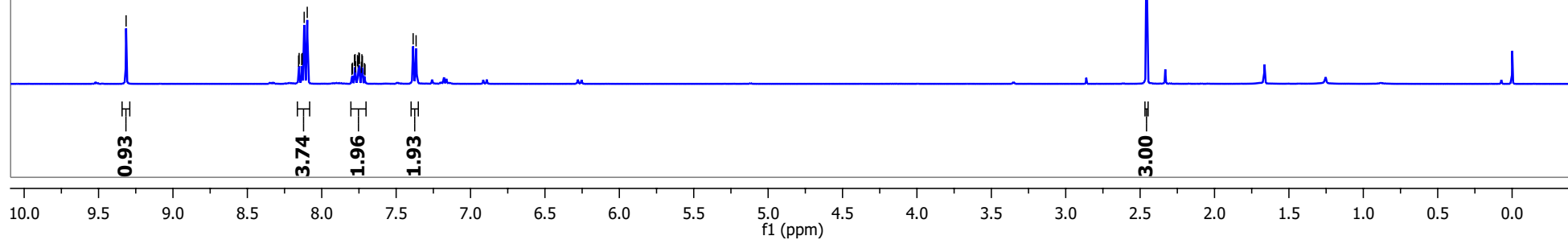
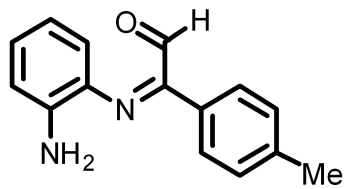
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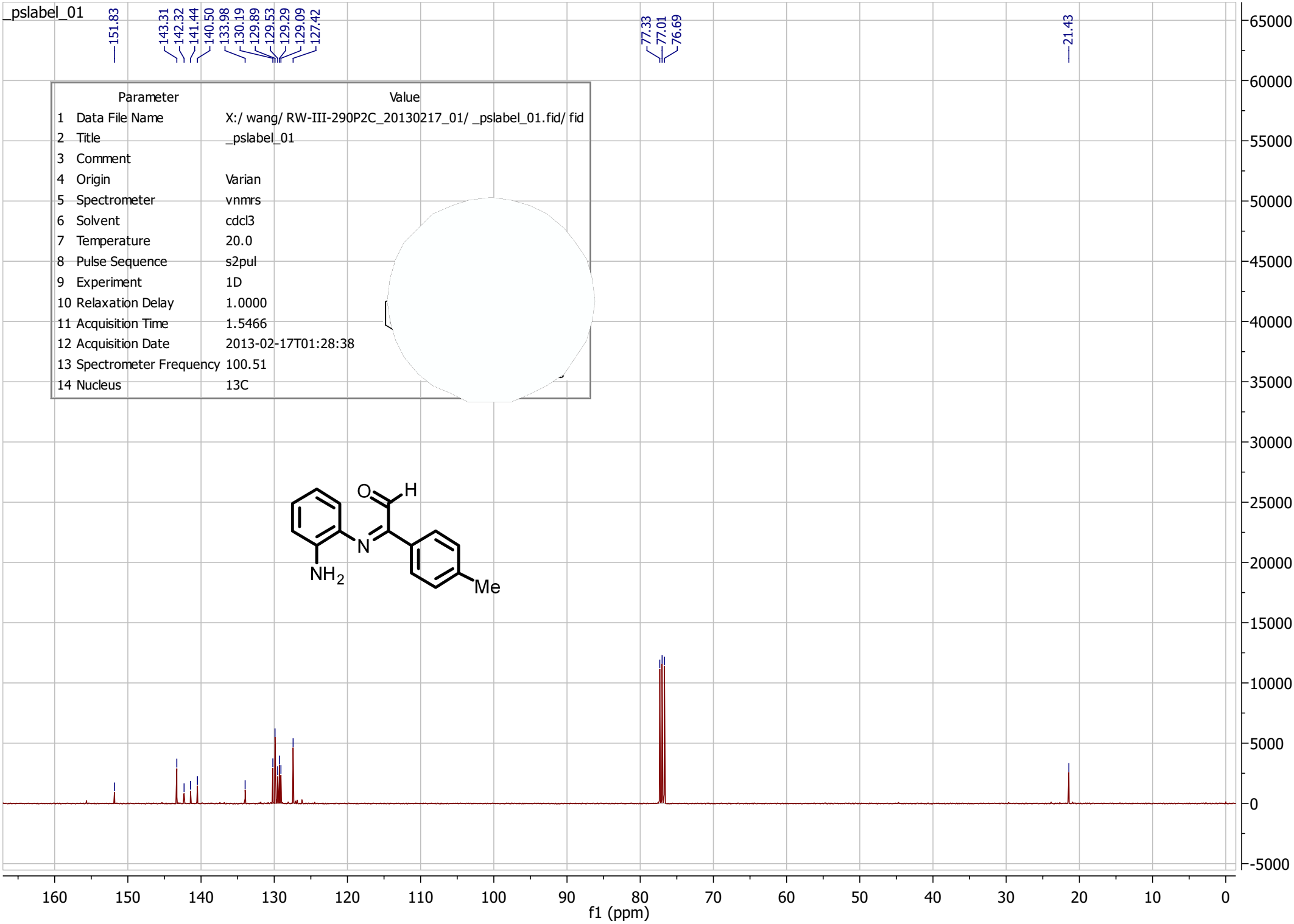
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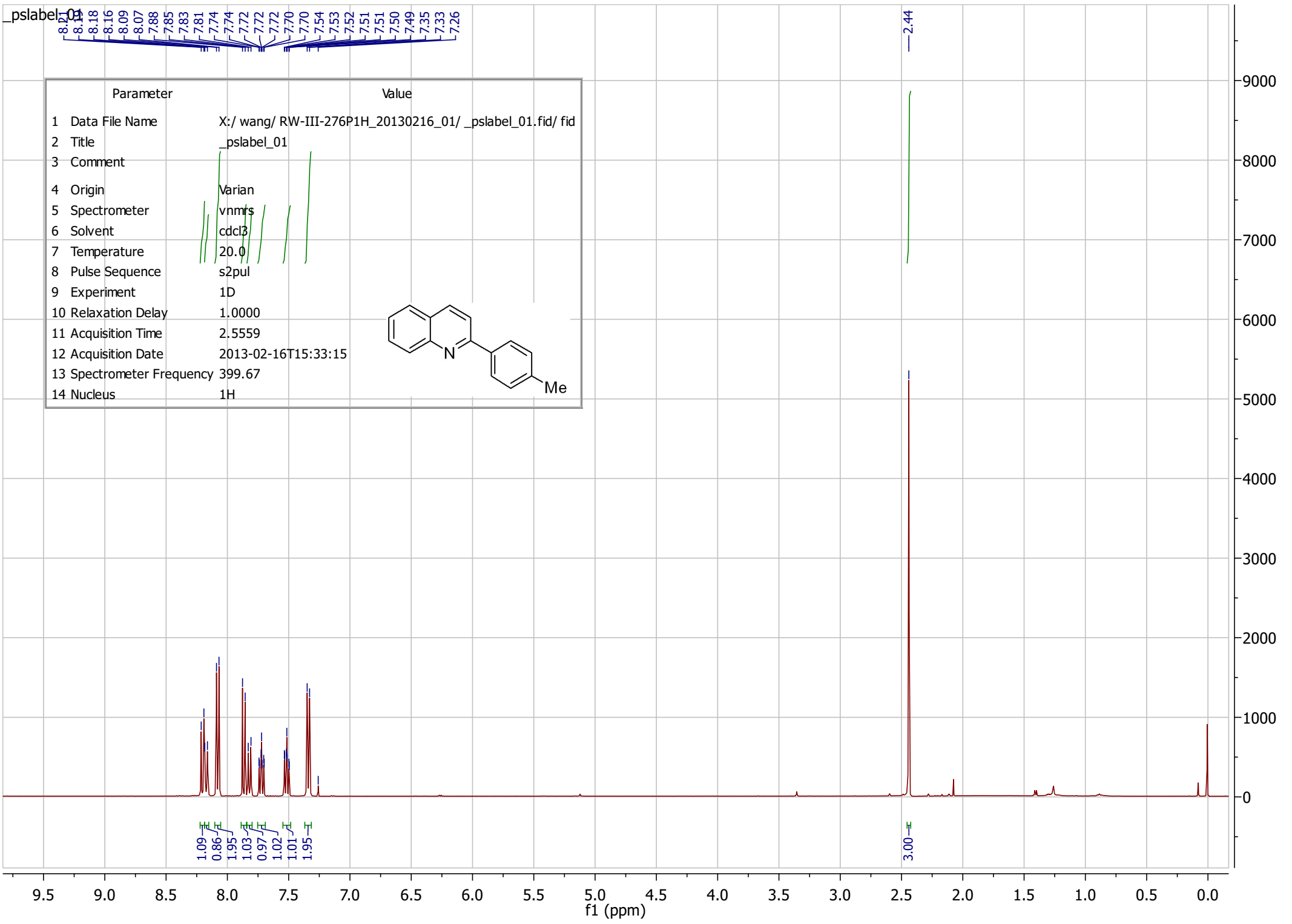
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2.46

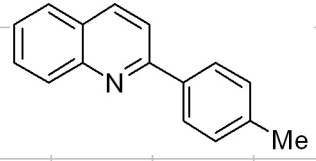
Parameter	Value
1 Data File Name	Z:/wang/ RW-III-290P2H
2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-16T23:27:30
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768

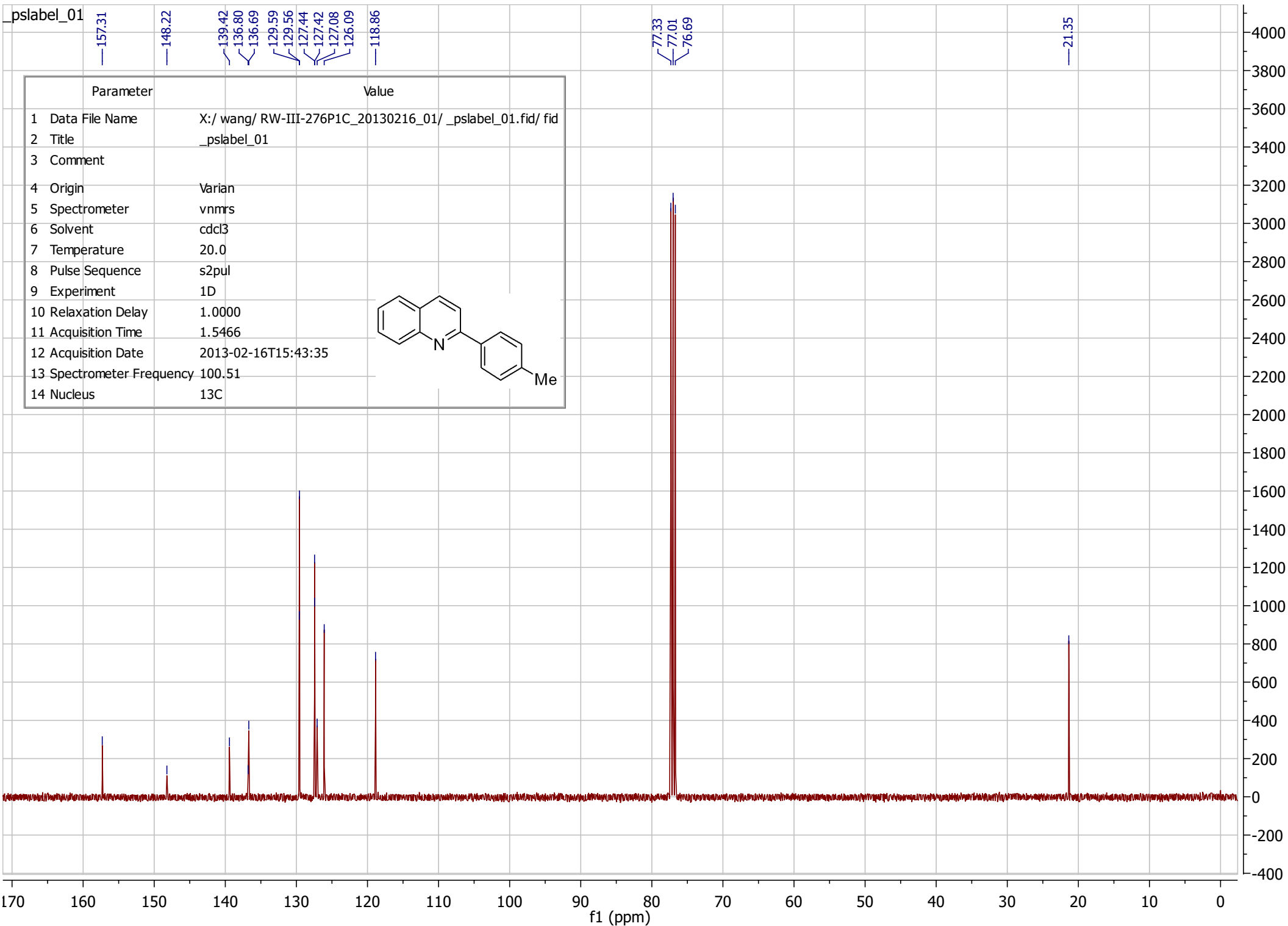


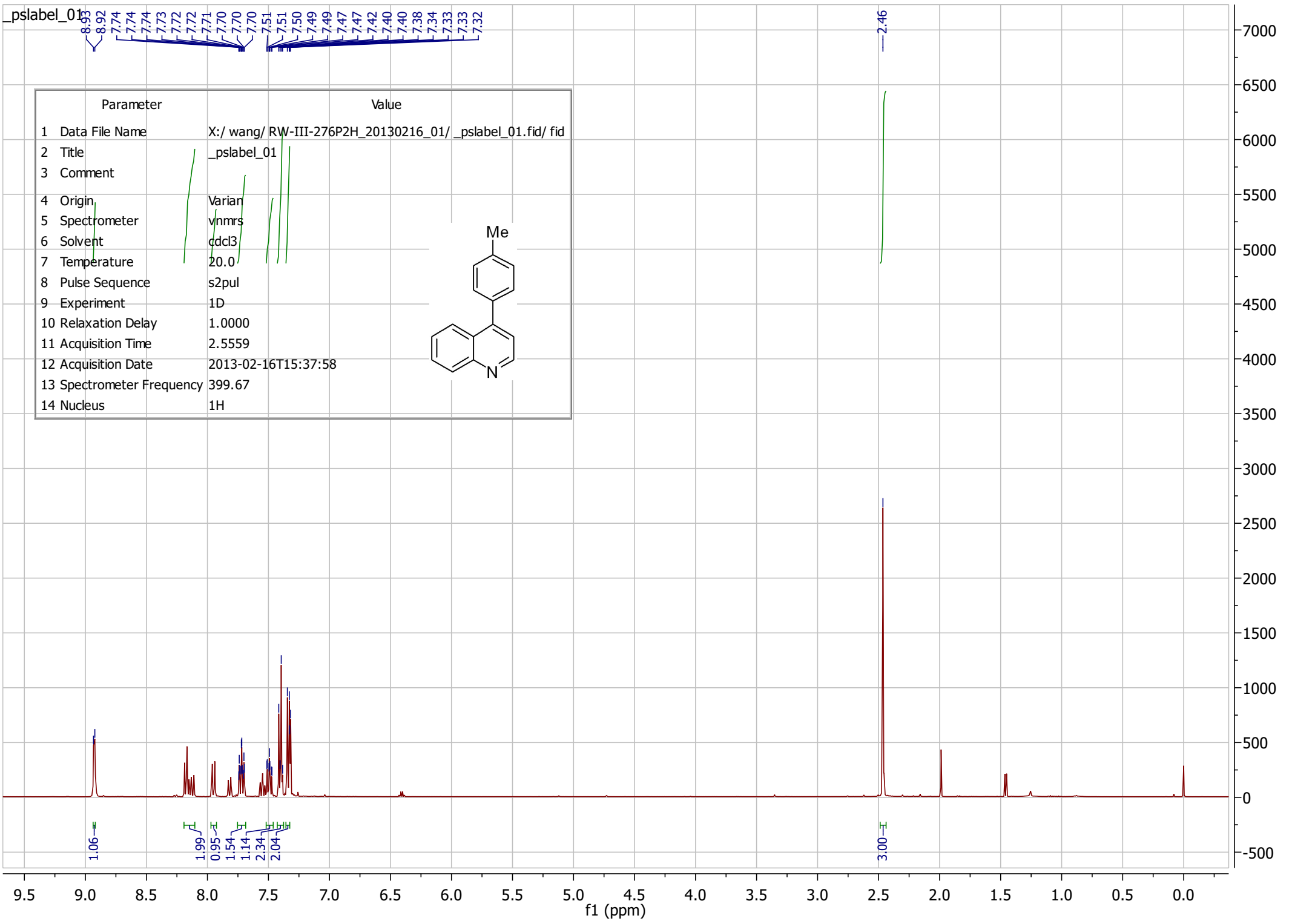




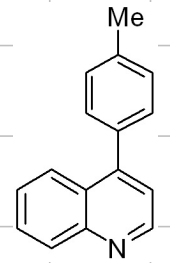
Parameter	Value
1 Data File Name	X:/ wang/ RW-III-276P1H_20130216_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmr5
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-16T15:33:15
13 Spectrometer Frequency	399.67
14 Nucleus	1H



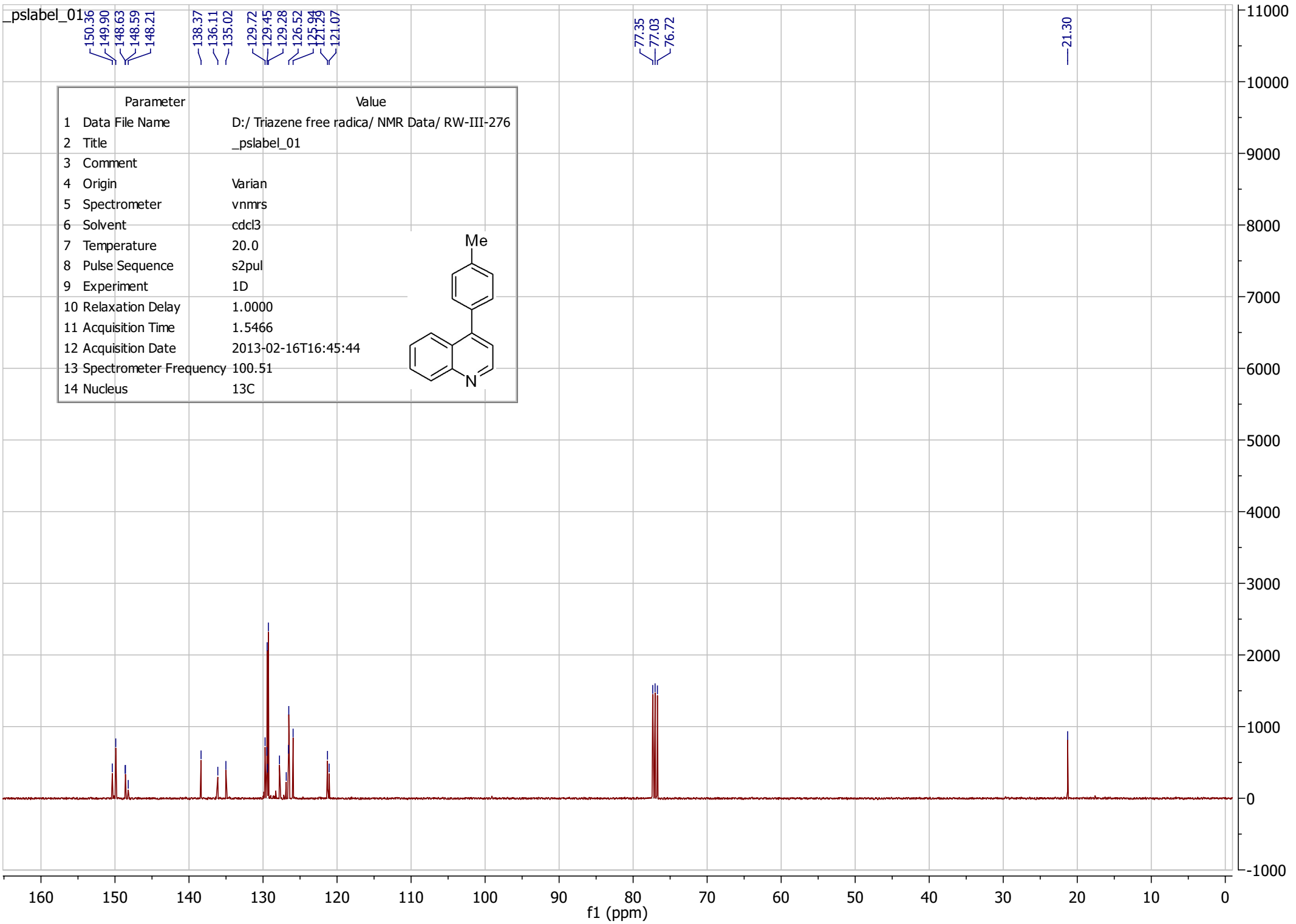




Parameter	Value
1 Data File Name	X:/ wang/ RW-III-276P2H_20130216_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-16T15:37:58
13 Spectrometer Frequency	399.67
14 Nucleus	1H





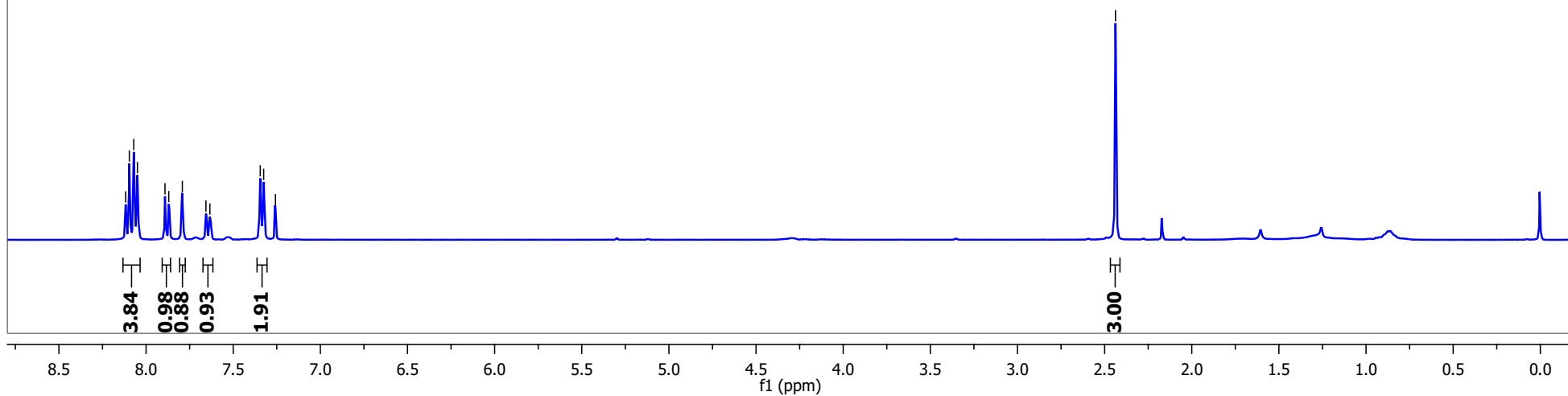
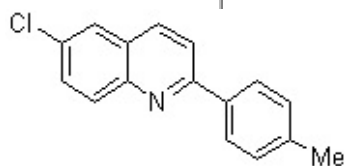


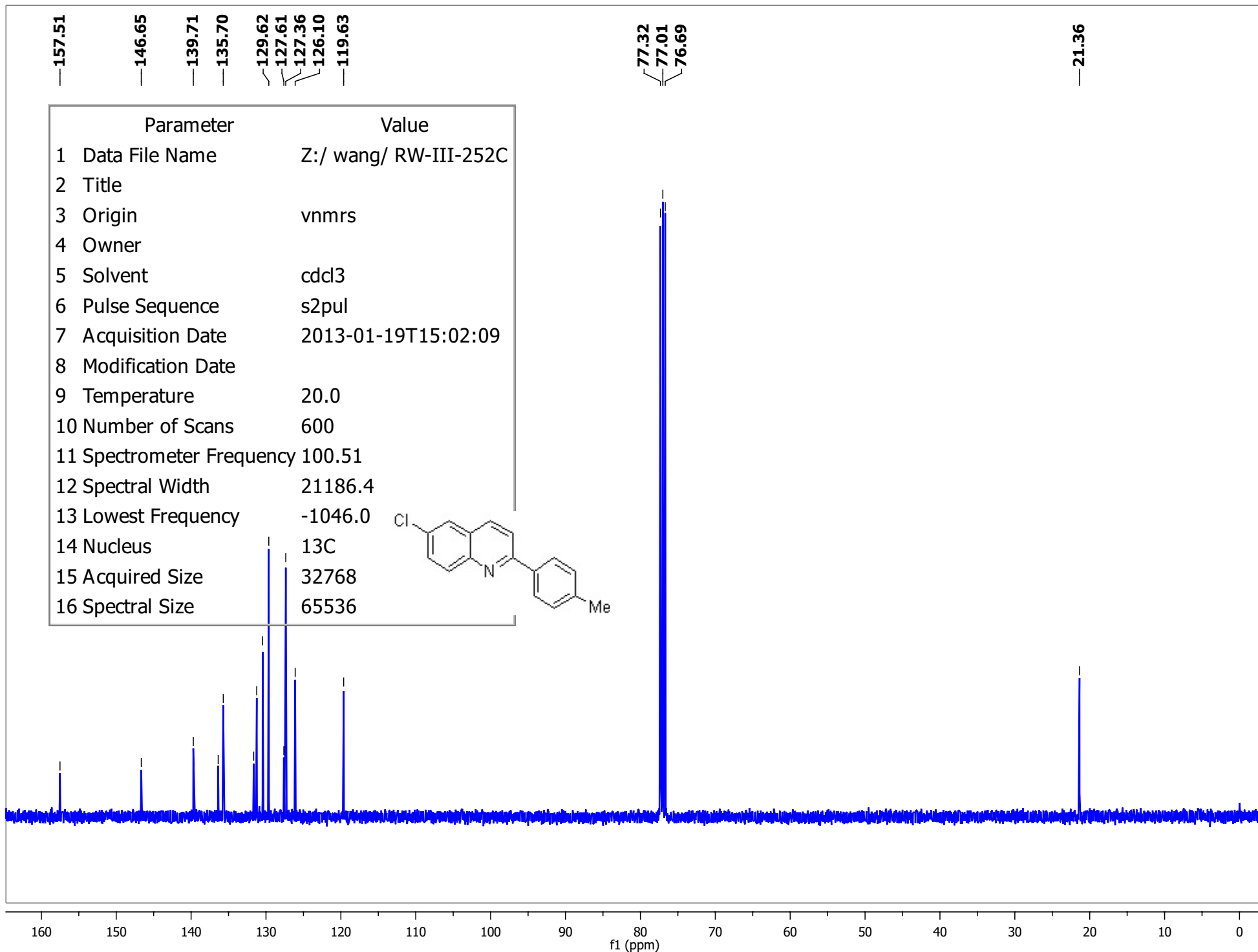
Parameter	Value
1 Data File Name	D:/ Triazene free radica/ NMR Data/ RW-III-276
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	1.5466
12 Acquisition Date	2013-02-16T16:45:44
13 Spectrometer Frequency	100.51
14 Nucleus	13C

8.12  
8.10  
8.07  
8.05  
7.79  
7.63  
7.34  
7.33  
7.26

2.44

	Parameter	Value
1	Data File Name	Z:/ wang/ RW-III-252H
2	Title	
3	Origin	vnmrs
4	Owner	
5	Solvent	cdcl3
6	Pulse Sequence	s2pul
7	Acquisition Date	2013-01-19T14:55:33
8	Modification Date	
9	Temperature	20.0
10	Number of Scans	33
11	Spectrometer Frequency	399.67
12	Spectral Width	6410.3
13	Lowest Frequency	-807.1
14	Nucleus	1H
15	Acquired Size	16384
16	Spectral Size	32768

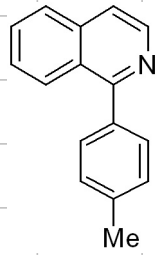




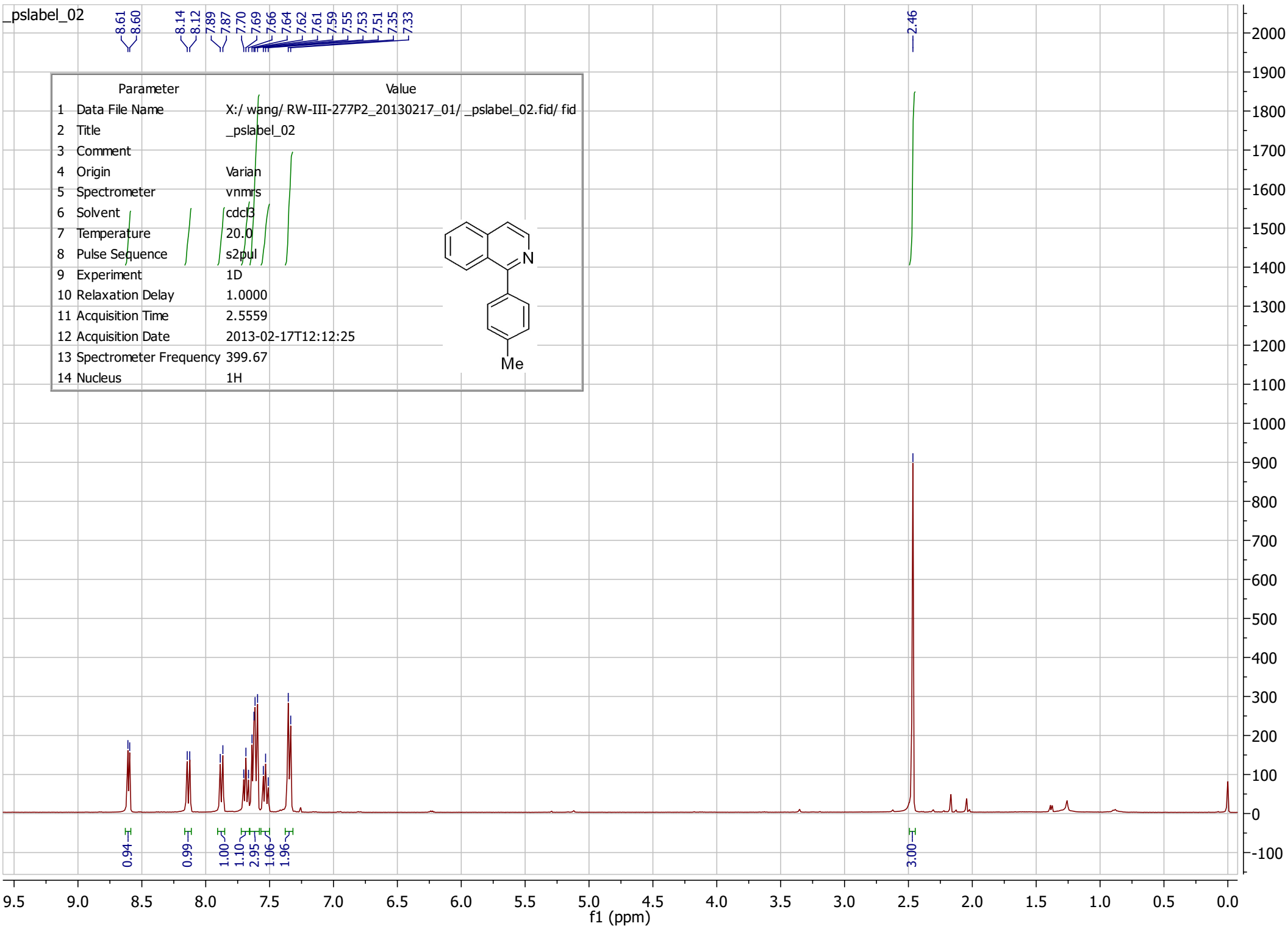
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8.61  
8.60  
8.14  
8.12  
7.89  
7.87  
7.70  
7.69  
7.66  
7.64  
7.62  
7.61  
7.59  
7.55  
7.53  
7.51  
7.35  
7.33

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-277P2_20130217_01/ _pslabel_02.fid/ fid
2 Title	_pslabel_02
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmr5
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-17T12:12:25
13 Spectrometer Frequency	399.67
14 Nucleus	1H

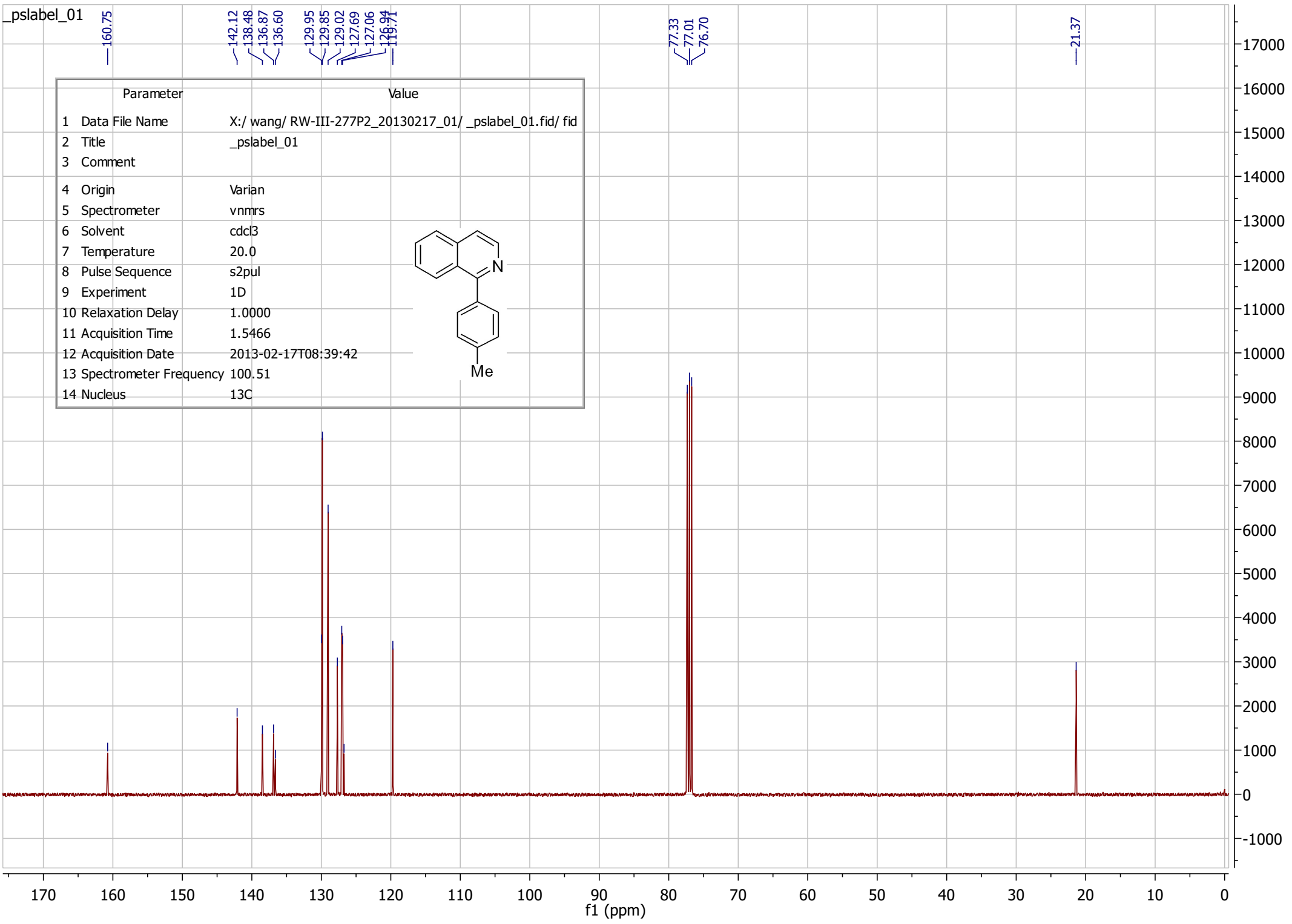
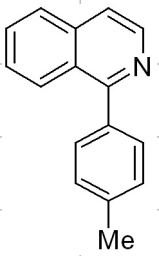


2.46



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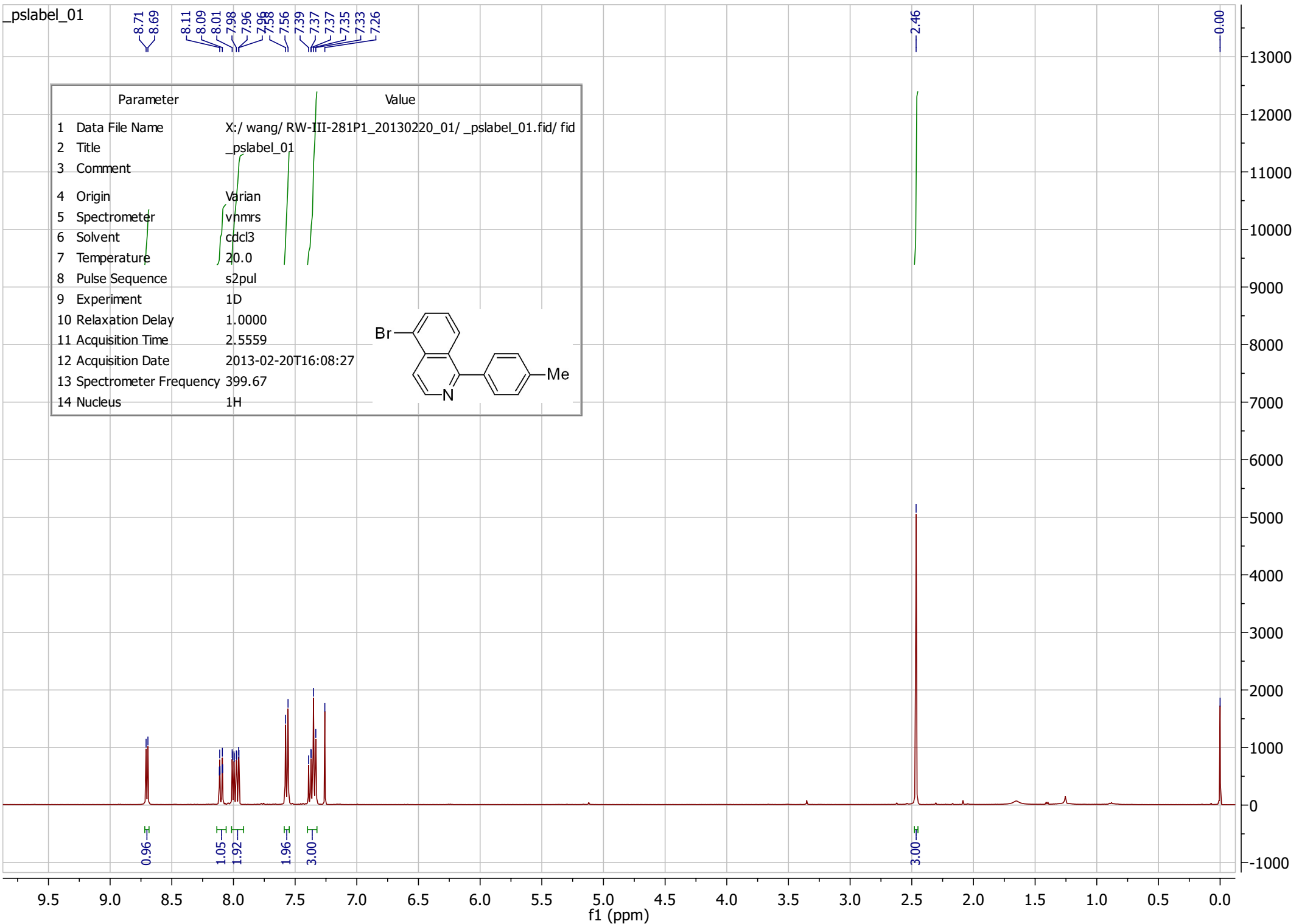
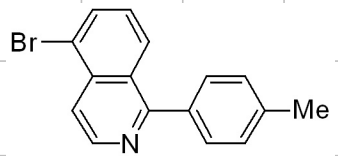
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1 Data File Name	X:/ wang/ RW-III-277P2_20130217_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	1.5466
12 Acquisition Date	2013-02-17T08:39:42
13 Spectrometer Frequency	100.51
14 Nucleus	13C

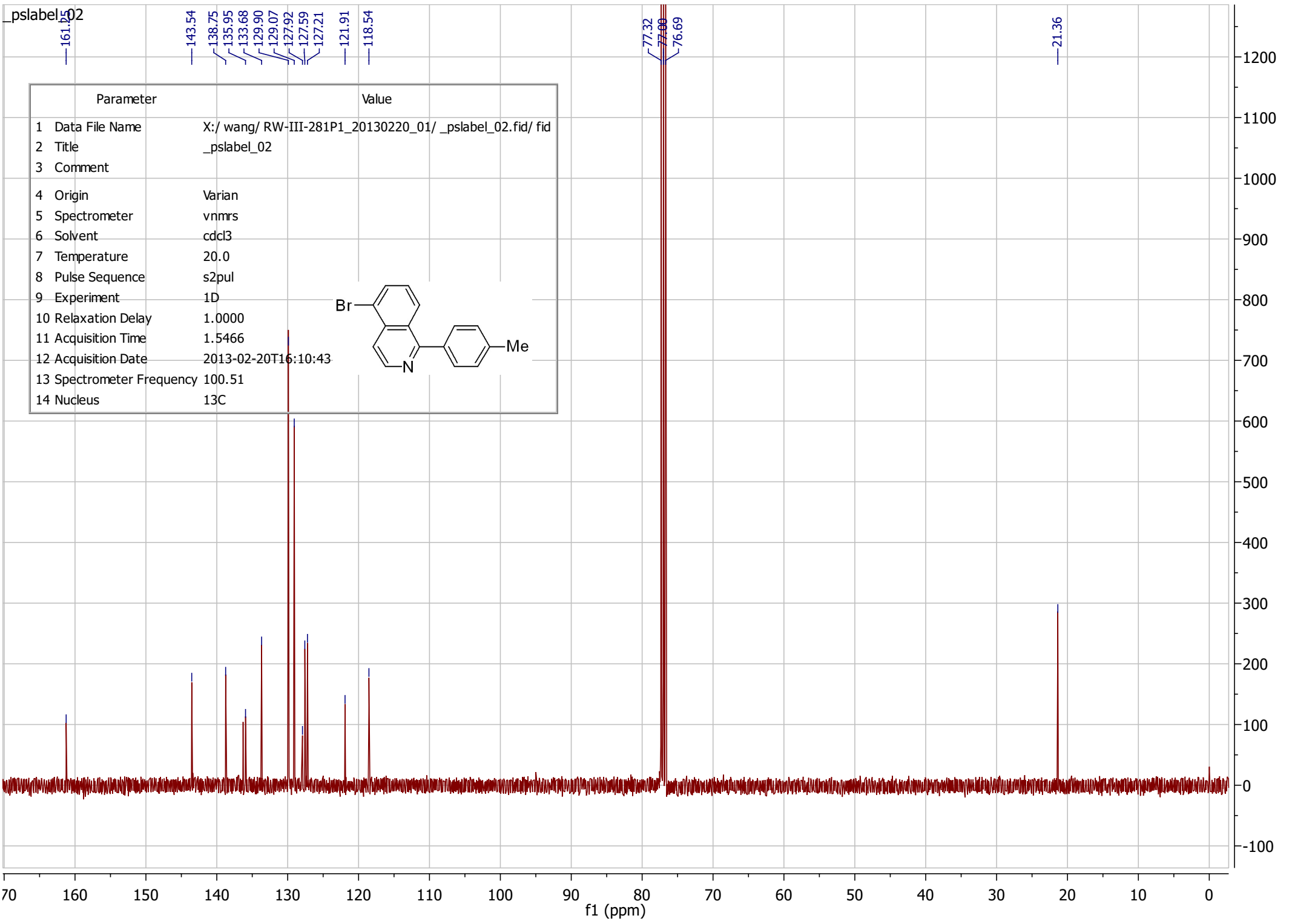


\_pslabel\_01

8.71  
8.69  
8.11  
8.09  
8.01  
7.98  
7.96  
7.58  
7.56  
7.39  
7.37  
7.37  
7.35  
7.33  
7.26

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-281P1_20130220_01/ _pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vhmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-02-20T16:08:27
13 Spectrometer Frequency	399.67
14 Nucleus	1H





\_pslabel\_02

161.02

143.54

138.75

135.95

133.68

129.90

129.07

127.92

127.59

127.21

121.91

118.54

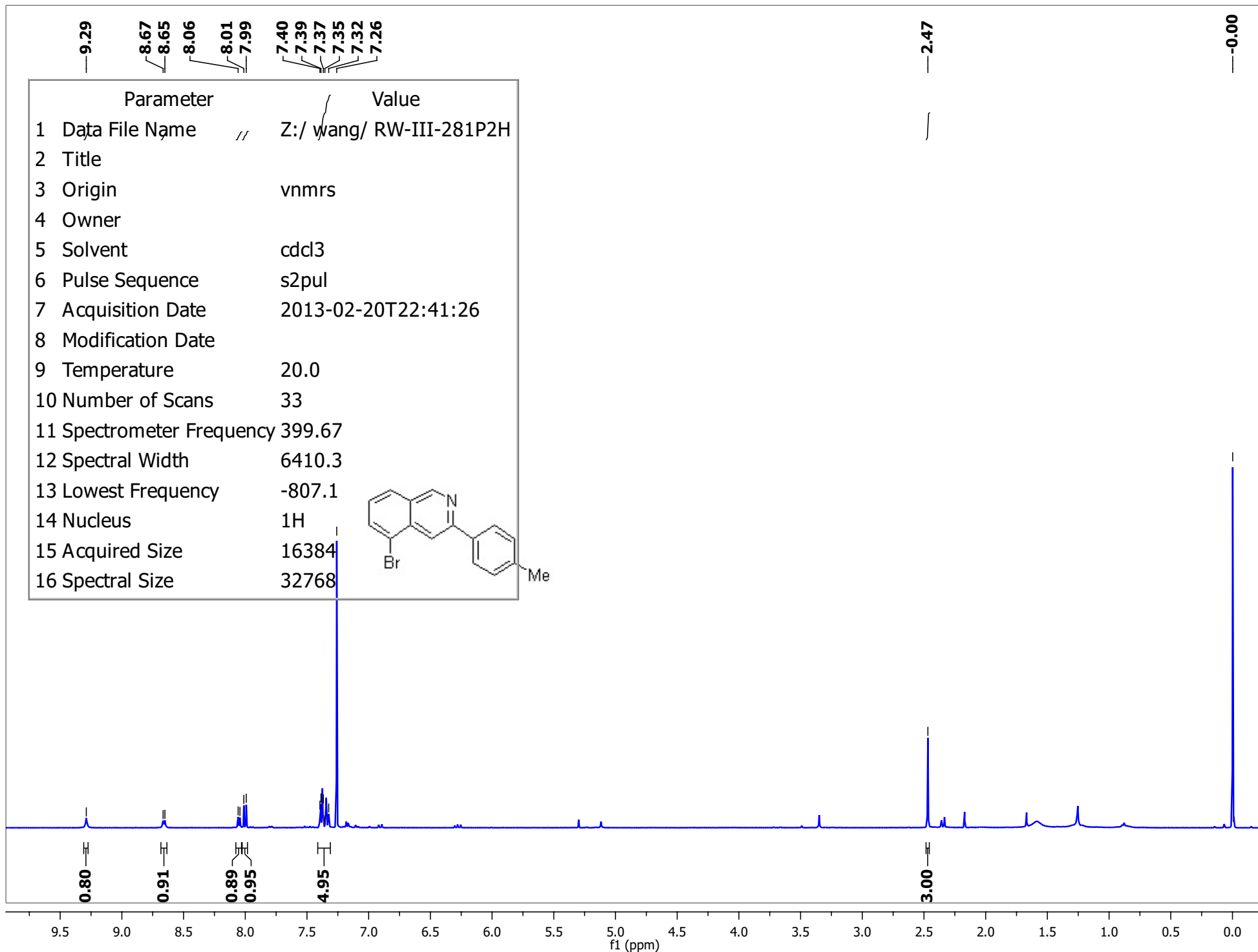
77.32

77.00

76.69

21.36

f1 (ppm)





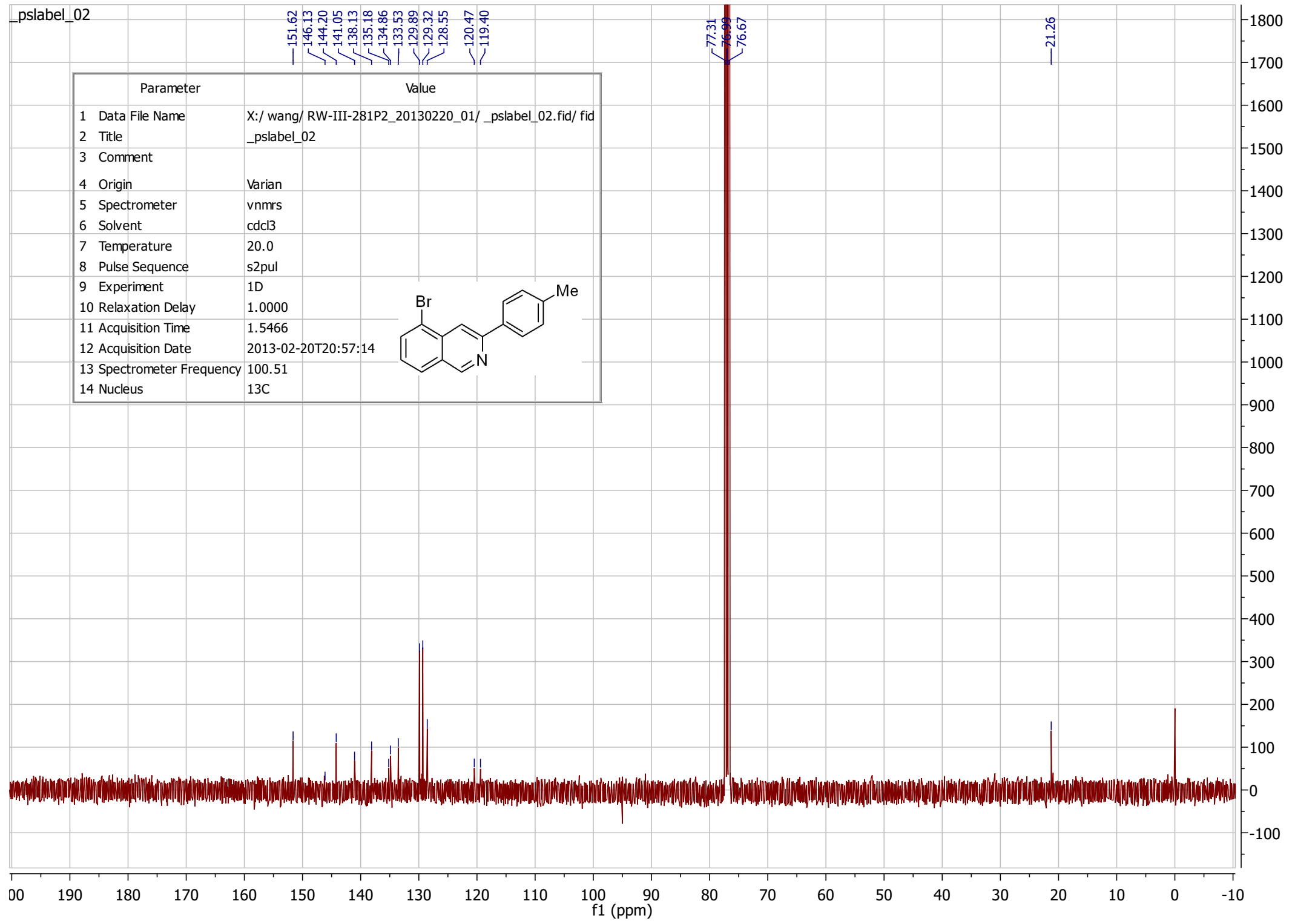
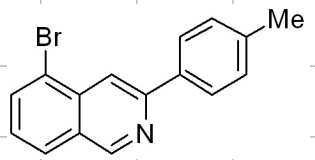
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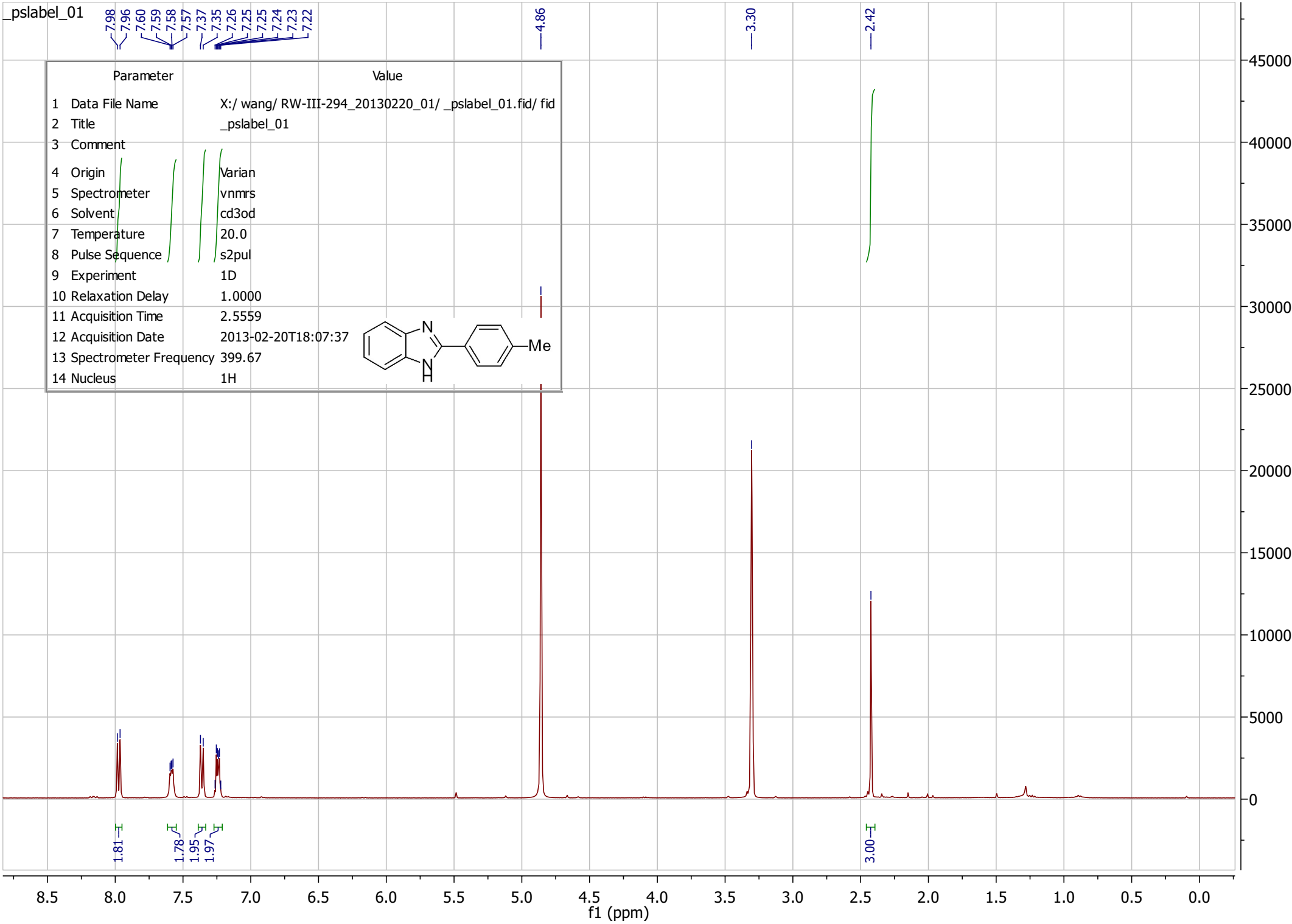
151.62  
146.13  
144.20  
141.05  
138.13  
135.18  
134.86  
133.53  
129.89  
129.32  
128.55  
120.47  
119.40

77.31  
76.67  
76.67

21.26

Parameter	Value
1 Data File Name	X:/ wang/ RW-III-281P2_20130220_01/_pslabel_02.fid/ fid
2 Title	_pslabel_02
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	1.5466
12 Acquisition Date	2013-02-20T20:57:14
13 Spectrometer Frequency	100.51
14 Nucleus	13C





\_pslabel\_01

156.07

144.44

133.28

130.72

130.28

126.30

52.14

51.93

51.72

51.50

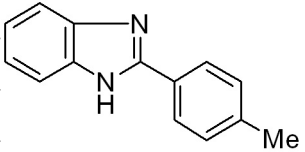
51.29

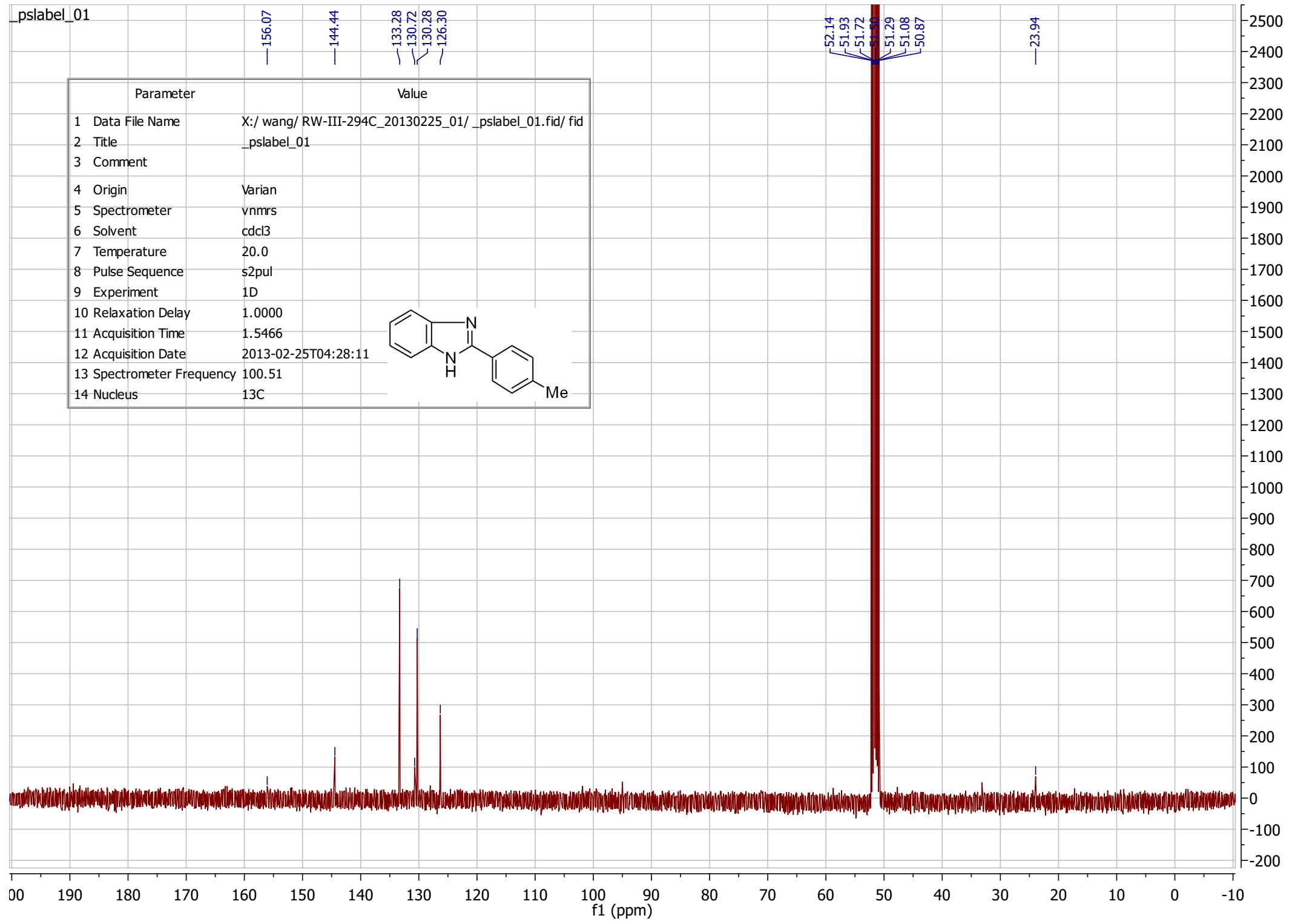
51.08

50.87

23.94

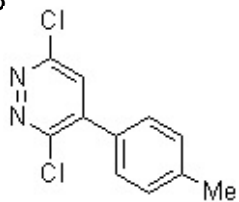
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1 Data File Name	X:/ wang/ RW-III-294C_20130225_01/_pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	1.5466
12 Acquisition Date	2013-02-25T04:28:11
13 Spectrometer Frequency	100.51
14 Nucleus	13C

Cc1ccc(cc1)/N=C2C=CC=CC2



7.48  
7.42  
7.42  
7.40  
7.40  
7.34  
7.32  
7.26

Parameter	Value
1 Data File Name	Z:/ wang/ RW-III-280H
2 Title	
3 Origin	vnMrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-02-23T00:13:49
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	40
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768



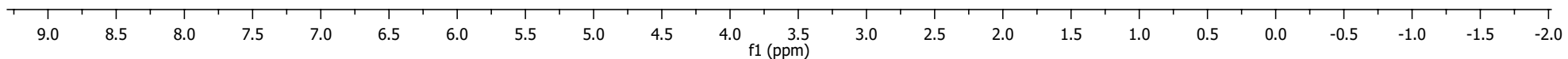
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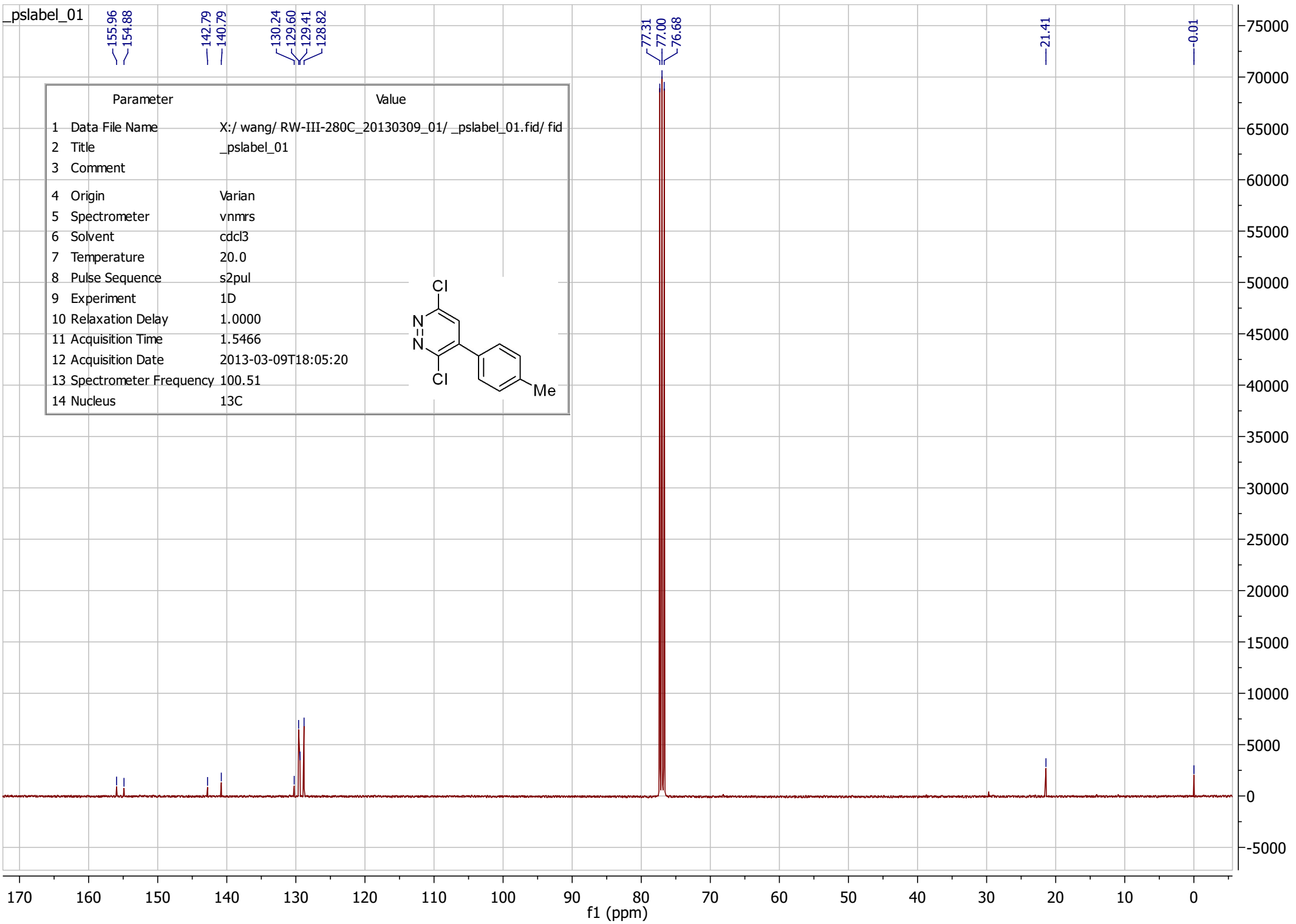
1.55

-0.00

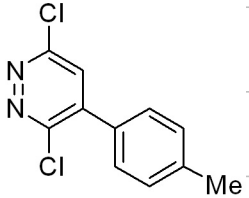
0.86  
1.90  
1.94

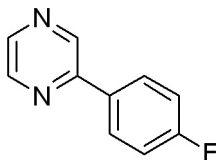
3.00



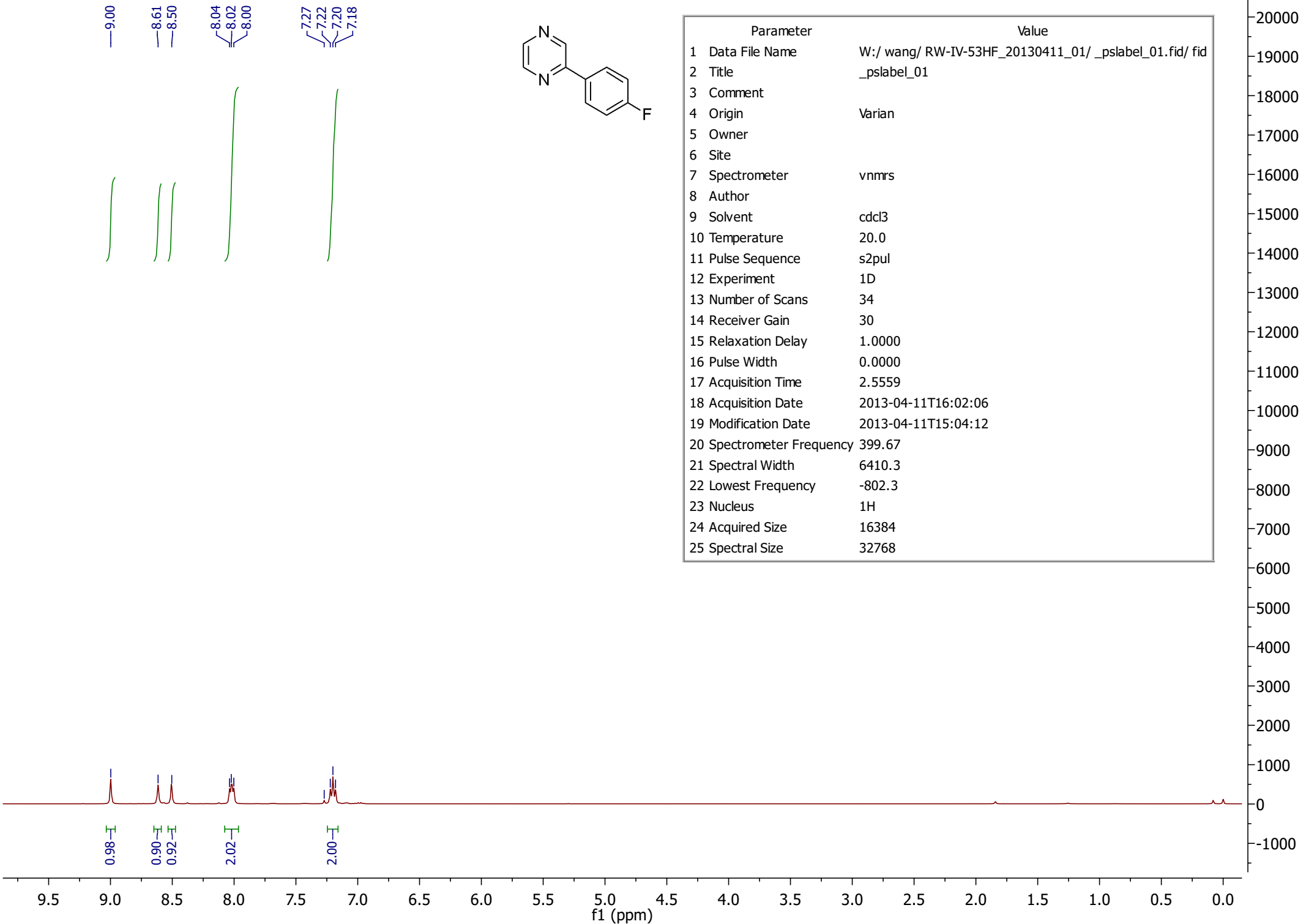


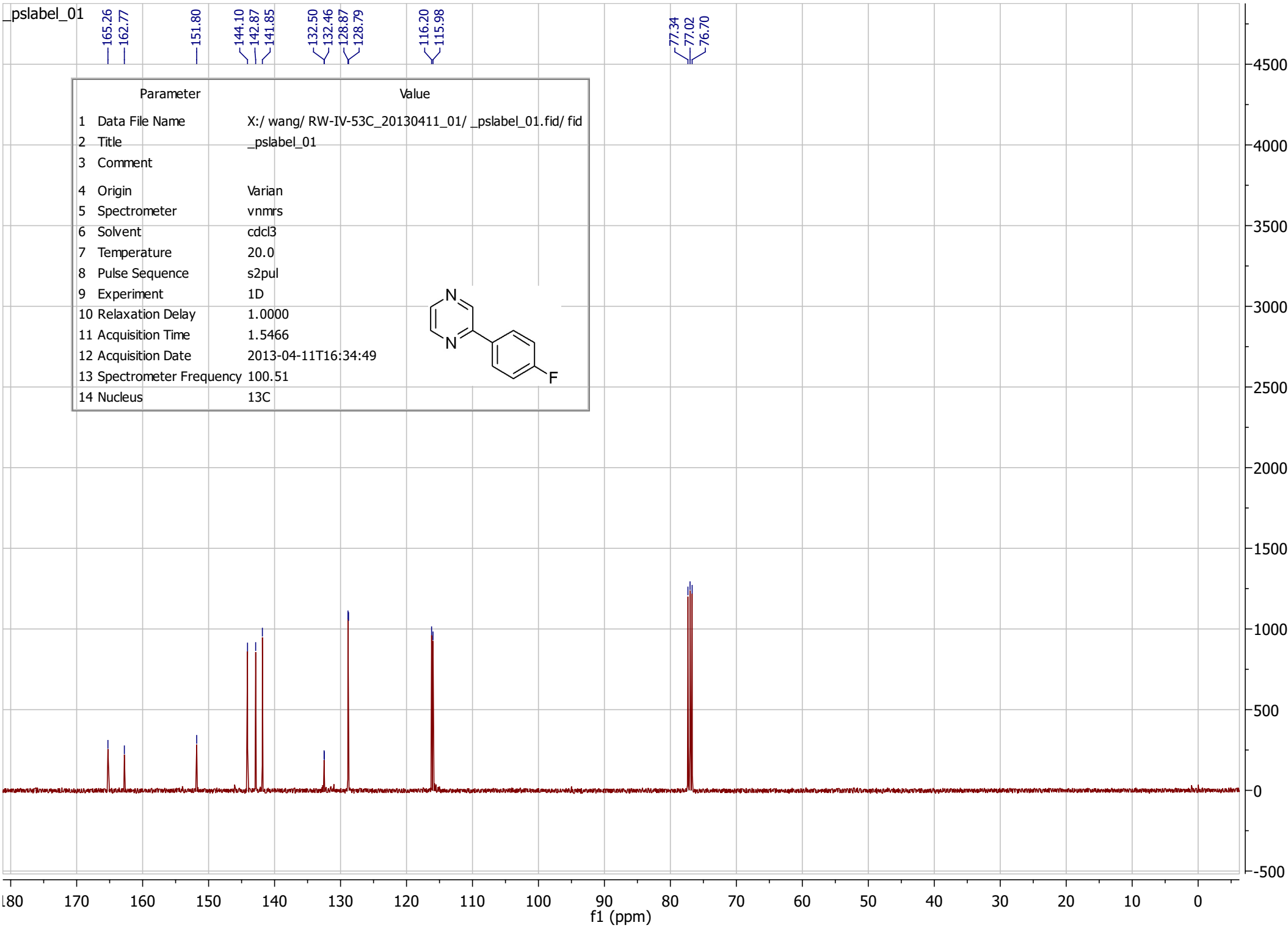
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2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	1.5466
12 Acquisition Date	2013-03-09T18:05:20
13 Spectrometer Frequency	100.51
14 Nucleus	13C



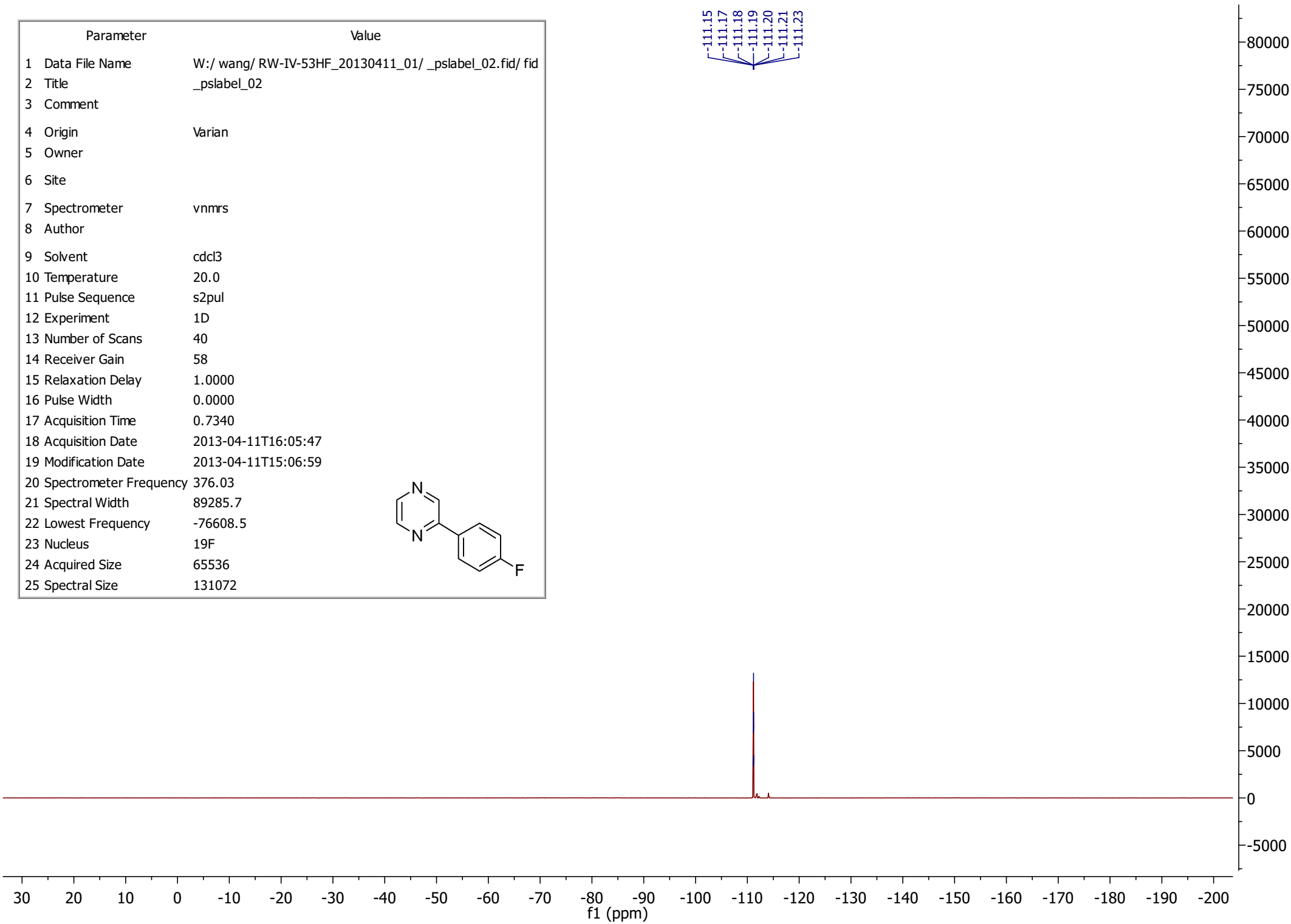
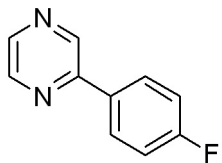


Parameter	Value
1 Data File Name	W:/ wang/ RW-IV-53HF_20130411_01/ _pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Owner	
6 Site	
7 Spectrometer	vnmrs
8 Author	
9 Solvent	cdcl3
10 Temperature	20.0
11 Pulse Sequence	s2pul
12 Experiment	1D
13 Number of Scans	34
14 Receiver Gain	30
15 Relaxation Delay	1.0000
16 Pulse Width	0.0000
17 Acquisition Time	2.5559
18 Acquisition Date	2013-04-11T16:02:06
19 Modification Date	2013-04-11T15:04:12
20 Spectrometer Frequency	399.67
21 Spectral Width	6410.3
22 Lowest Frequency	-802.3
23 Nucleus	1H
24 Acquired Size	16384
25 Spectral Size	32768





Parameter	Value
1 Data File Name	W:/ wang/ RW-IV-53HF_20130411_01/ _pslabel_02.fid/ fid
2 Title	_pslabel_02
3 Comment	
4 Origin	Varian
5 Owner	
6 Site	
7 Spectrometer	vnmrs
8 Author	
9 Solvent	cdcl3
10 Temperature	20.0
11 Pulse Sequence	s2pul
12 Experiment	1D
13 Number of Scans	40
14 Receiver Gain	58
15 Relaxation Delay	1.0000
16 Pulse Width	0.0000
17 Acquisition Time	0.7340
18 Acquisition Date	2013-04-11T16:05:47
19 Modification Date	2013-04-11T15:06:59
20 Spectrometer Frequency	376.03
21 Spectral Width	89285.7
22 Lowest Frequency	-76608.5
23 Nucleus	19F
24 Acquired Size	65536
25 Spectral Size	131072

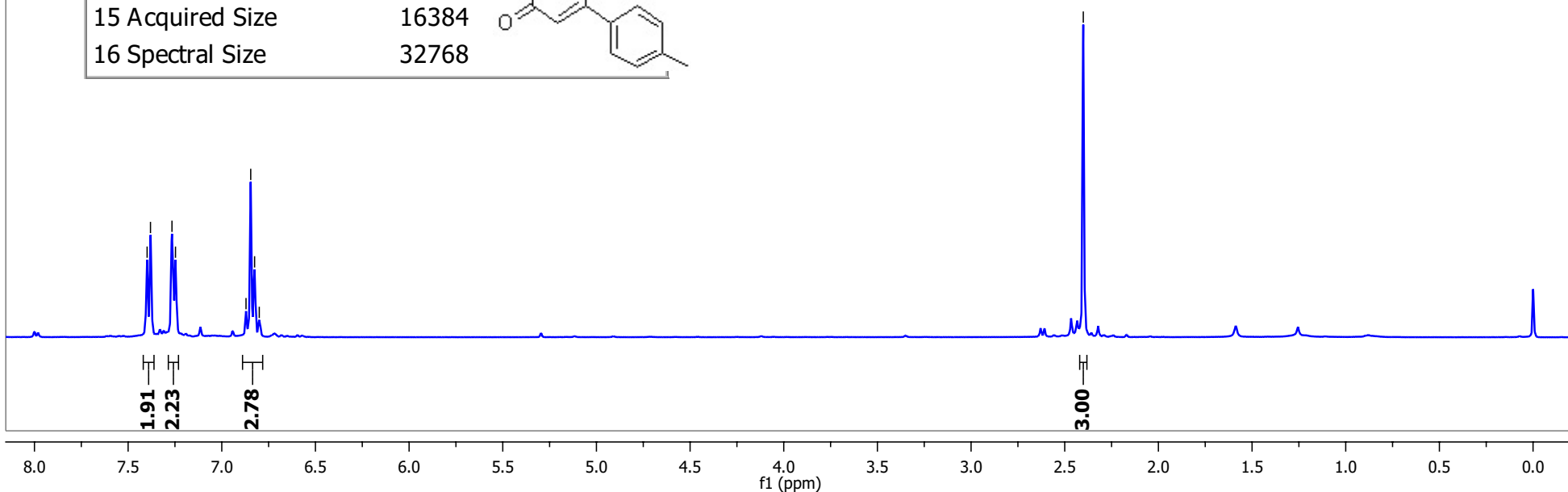
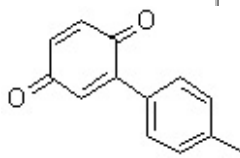


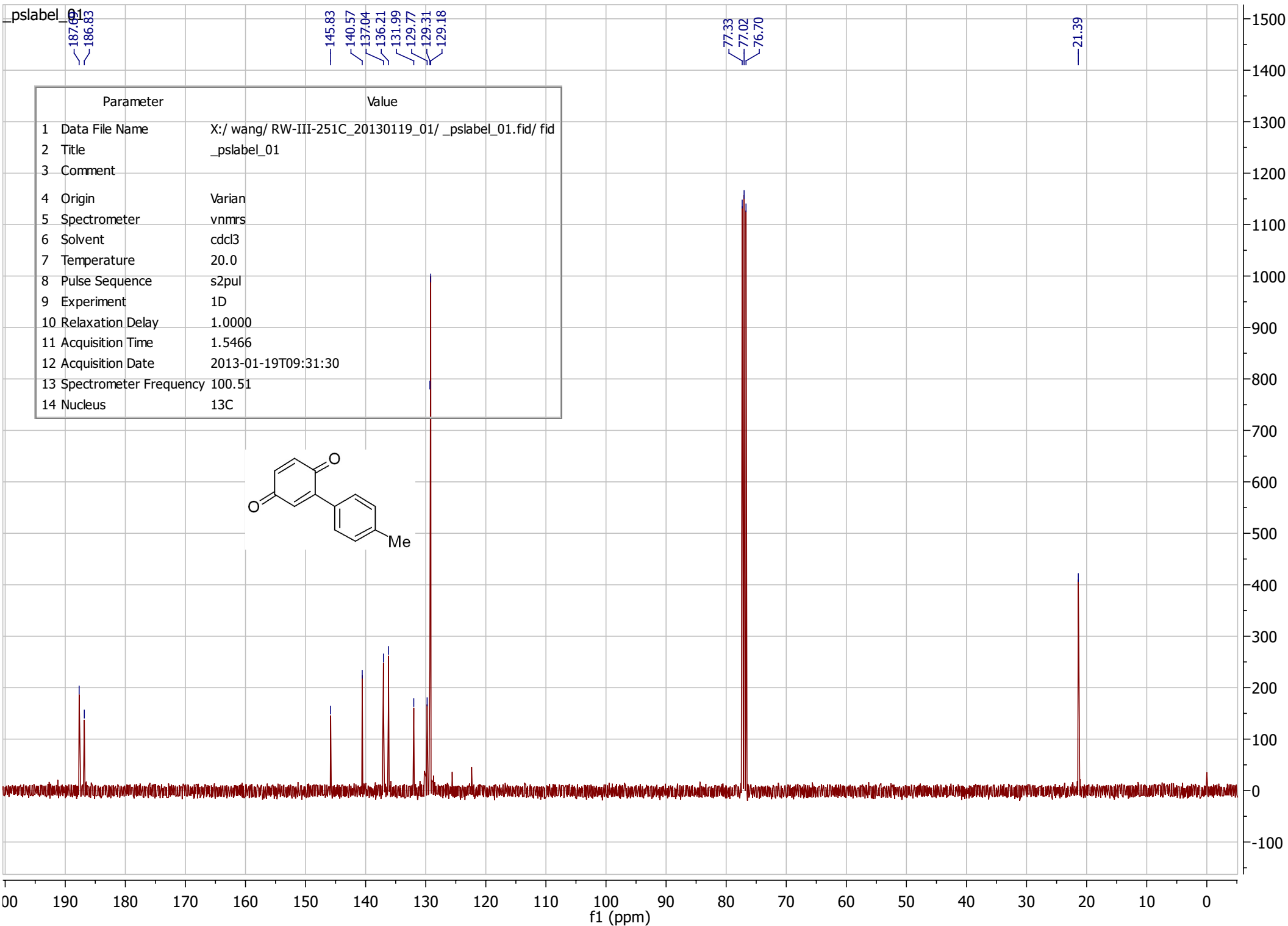


7.40  
7.38  
7.27  
7.25  
6.87  
6.85  
6.82  
6.80

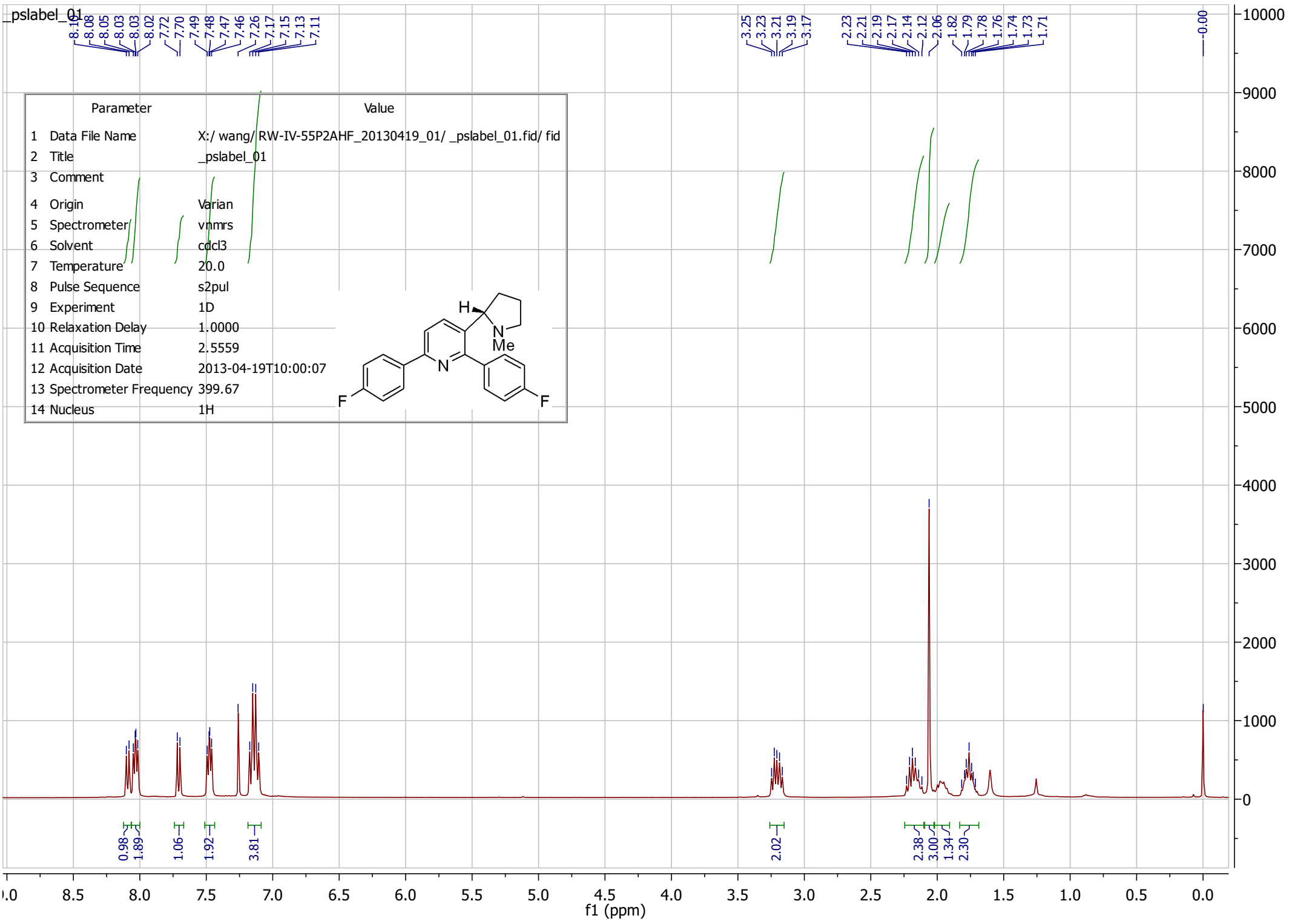
2.40

Parameter	Value
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2 Title	
3 Origin	vnmrs
4 Owner	
5 Solvent	cdcl3
6 Pulse Sequence	s2pul
7 Acquisition Date	2013-01-19T14:49:52
8 Modification Date	
9 Temperature	20.0
10 Number of Scans	33
11 Spectrometer Frequency	399.67
12 Spectral Width	6410.3
13 Lowest Frequency	-807.1
14 Nucleus	1H
15 Acquired Size	16384
16 Spectral Size	32768





Parameter	Value
1 Data File Name	X:/ wang/ RW-III-251C_20130119_01/ _pslabel_01.fid/ fid
2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	1.5466
12 Acquisition Date	2013-01-19T09:31:30
13 Spectrometer Frequency	100.51
14 Nucleus	13C

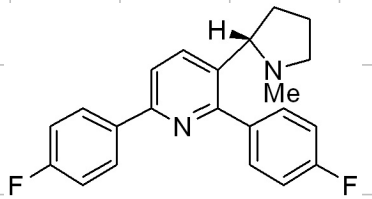


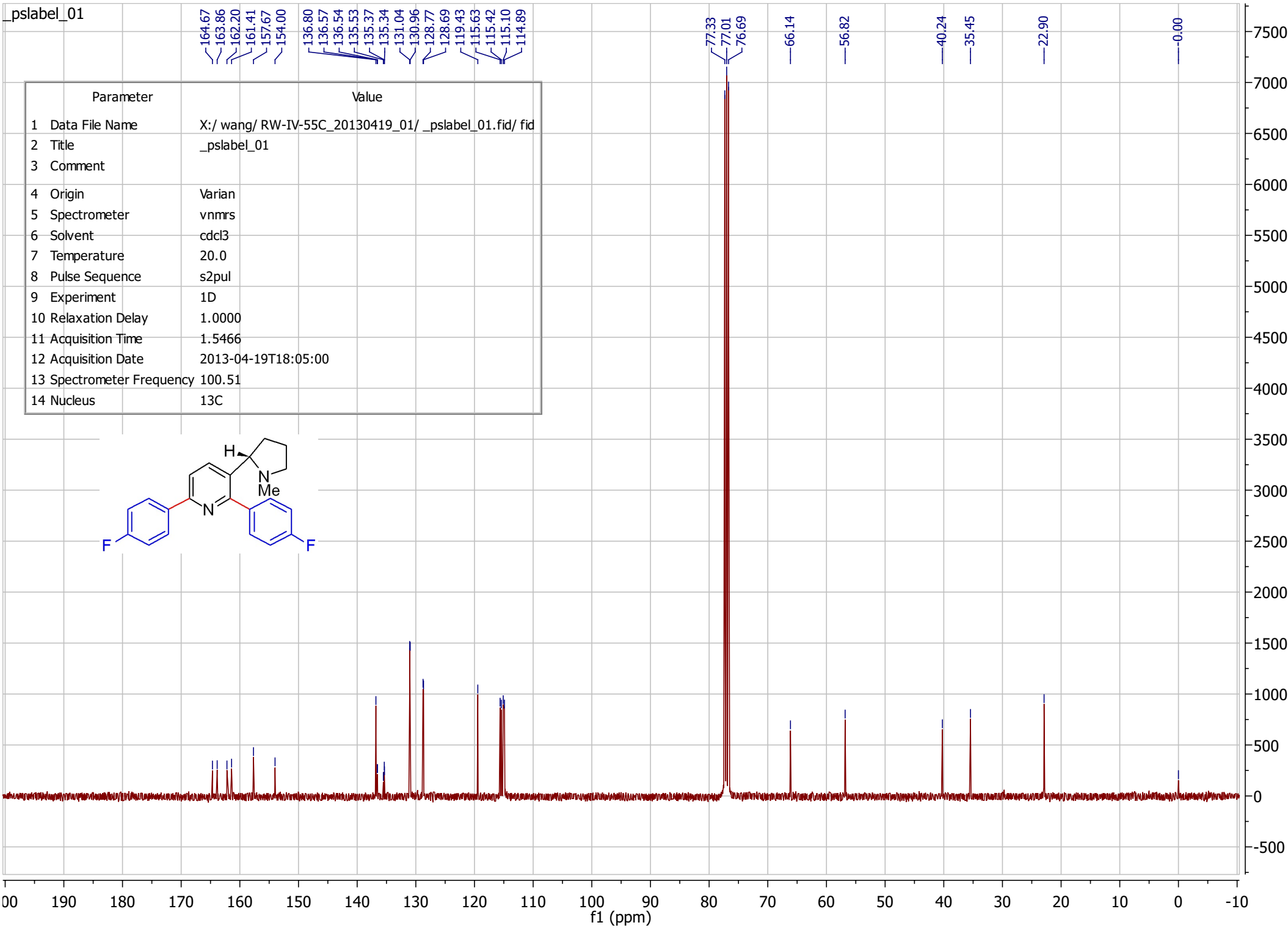
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 8.08  
 8.05  
 8.03  
 8.03  
 8.02  
 7.72  
 7.70  
 7.49  
 7.48  
 7.47  
 7.46  
 7.26  
 7.17  
 7.15  
 7.13  
 7.11

3.25  
 3.23  
 3.21  
 3.19  
 3.17  
 2.23  
 2.21  
 2.19  
 2.17  
 2.14  
 2.12  
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 1.82  
 1.79  
 1.78  
 1.76  
 1.74  
 1.73  
 1.71

-0.00

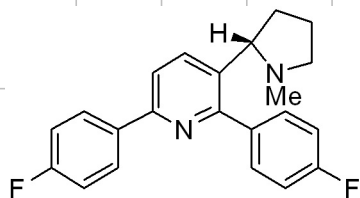
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2 Title	_pslabel_01
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	2.5559
12 Acquisition Date	2013-04-19T10:00:07
13 Spectrometer Frequency	399.67
14 Nucleus	1H





\_pslabel\_02

Parameter	Value
1 Data File Name	X:/ wang/ RW-IV-55P2AHF_20130419_01/ _pslabel_02.fid/ fid
2 Title	_pslabel_02
3 Comment	
4 Origin	Varian
5 Spectrometer	vnmrs
6 Solvent	cdcl3
7 Temperature	20.0
8 Pulse Sequence	s2pul
9 Experiment	1D
10 Relaxation Delay	1.0000
11 Acquisition Time	0.7340
12 Acquisition Date	2013-04-19T10:05:44
13 Spectrometer Frequency	376.03
14 Nucleus	19F



113.41  
113.43  
113.44  
113.46  
113.48  
114.32  
114.34  
114.35  
114.37  
114.39

