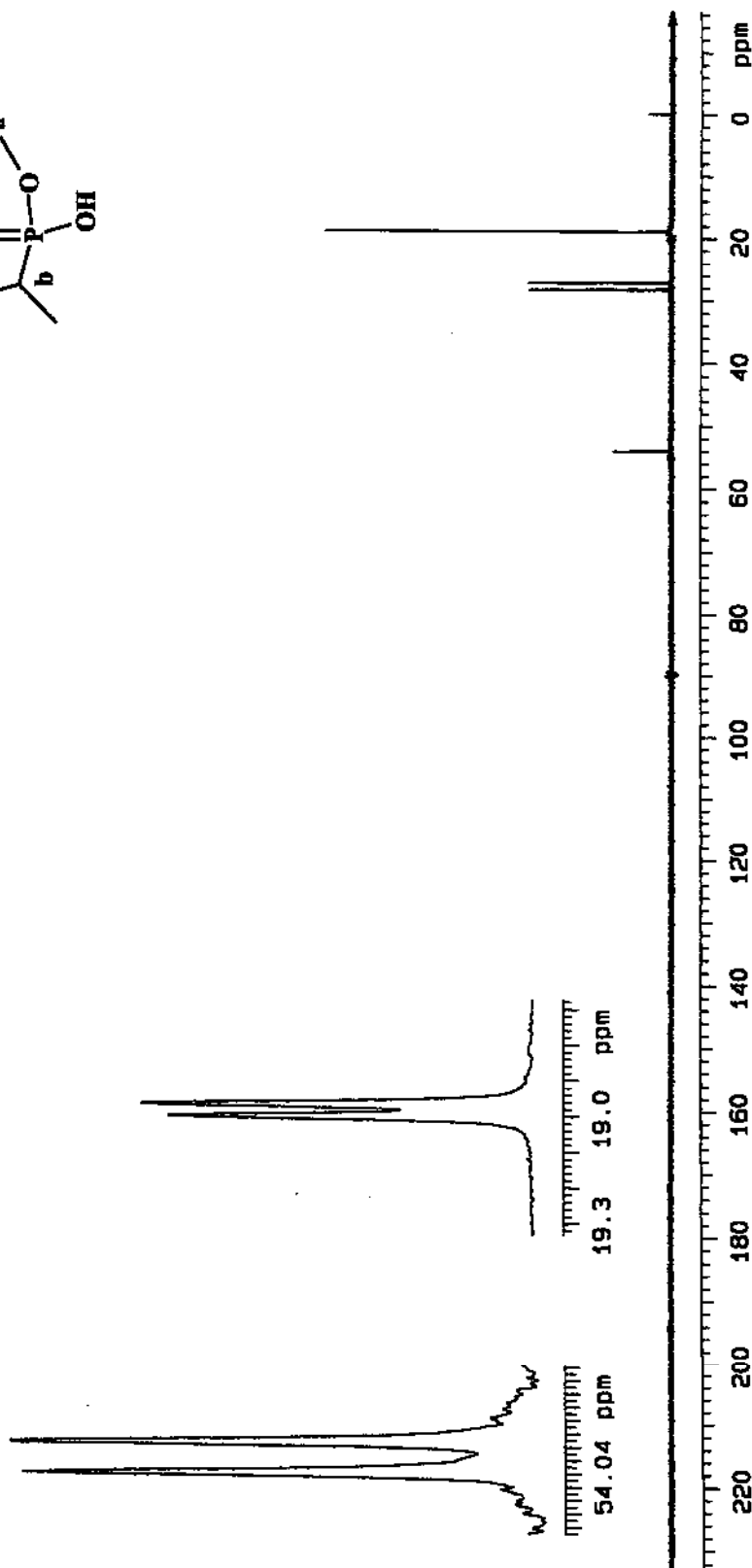
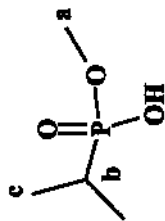


## Methyl isopropylphosphonate

 $^{13}\text{C}\{^1\text{H}\}$  NMR

Res.freq: 125.697 MHz  
 Solvent:  $\text{D}_2\text{O}$  (pH=14)  
 Temperature: 28°C  
 Concentration: 0.077  $\mu\text{l}/\mu\text{l}$   
 Reference: TSPA- $d_4$  [internal]  
 Spectral Width: 31298.9 Hz  
 Data points [Fid]: 115712  
 Data Points [Spectrum]: 256K

Pulse Width: 10  $\mu\text{s}$  [72°]  
 Number of Scans: 4096  
 Line Broadening: exp. 0.5 Hz  
 Rep.time: 1.85 s  
 Resolution: 1.3 Hz (TSPA- $d_4$ )  
 Instrument: Varian INOVA 500

$\mu\text{C}$   $\delta$  [ppm] J [Hz]  
 a: 54.02  $J(\text{a,P}) = 6.0$   
 b: 27.79  $J(\text{b,P}) = 137.1$   
 c: 18.98  $J(\text{c,P}) = 4.3$

*Van Meir*