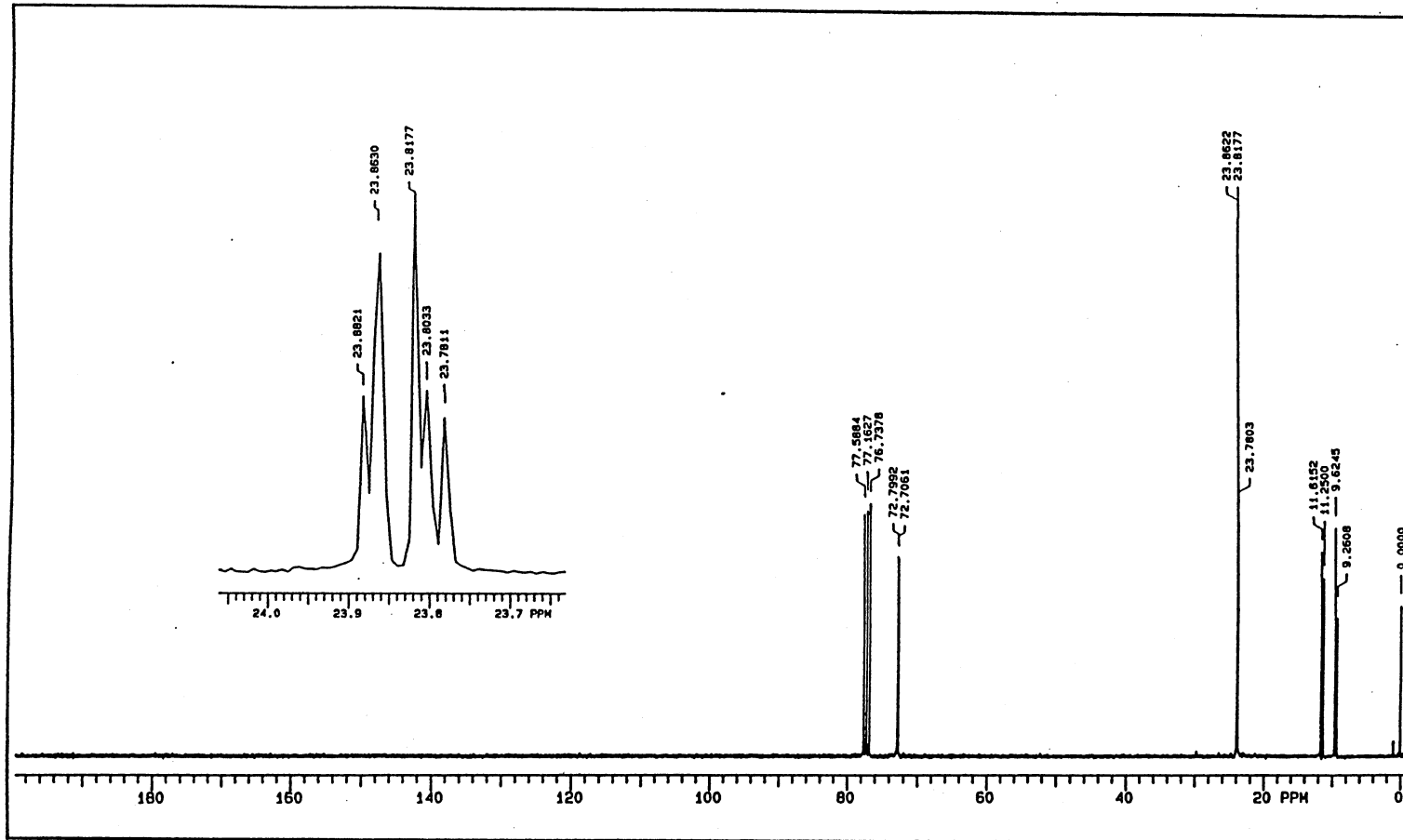
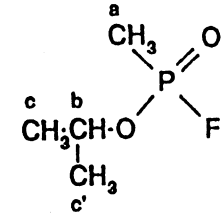


## Sarin

[107-44-8]

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

nuc.	$\delta$ [ppm]
a	10.44
b	72.73
c, c'	23.83 23.84

J(a, P)	150.2 Hz
J(a, F)	27.5 Hz
J(b, P)	7.0 Hz
J(c, P)	5.9 Hz
J(c', P)	3.6 Hz
J(c, F)	1.7 Hz

Res. freq. 75.429 MHz  
 Solvent:  $\text{CDCl}_3$   
 Temperature:  $24^\circ\text{C}$   
 Concentration: 100mg/ml  
 Reference: TMS (internal)

Spectral width: 17699 Hz  
 Data points (FID): 64K  
 Data points (spec.): 32K  
 Pulse width:  $5.6 \mu\text{s}$  ( $38^\circ$ )  
 Number of scans: 6806

Rep.time.: 1.85 s  
 Line broad.: 0.5 Hz  
 Resolution: 0.93 Hz (TMS)  
 Instrument: Varian VXR-300  
 Filename: