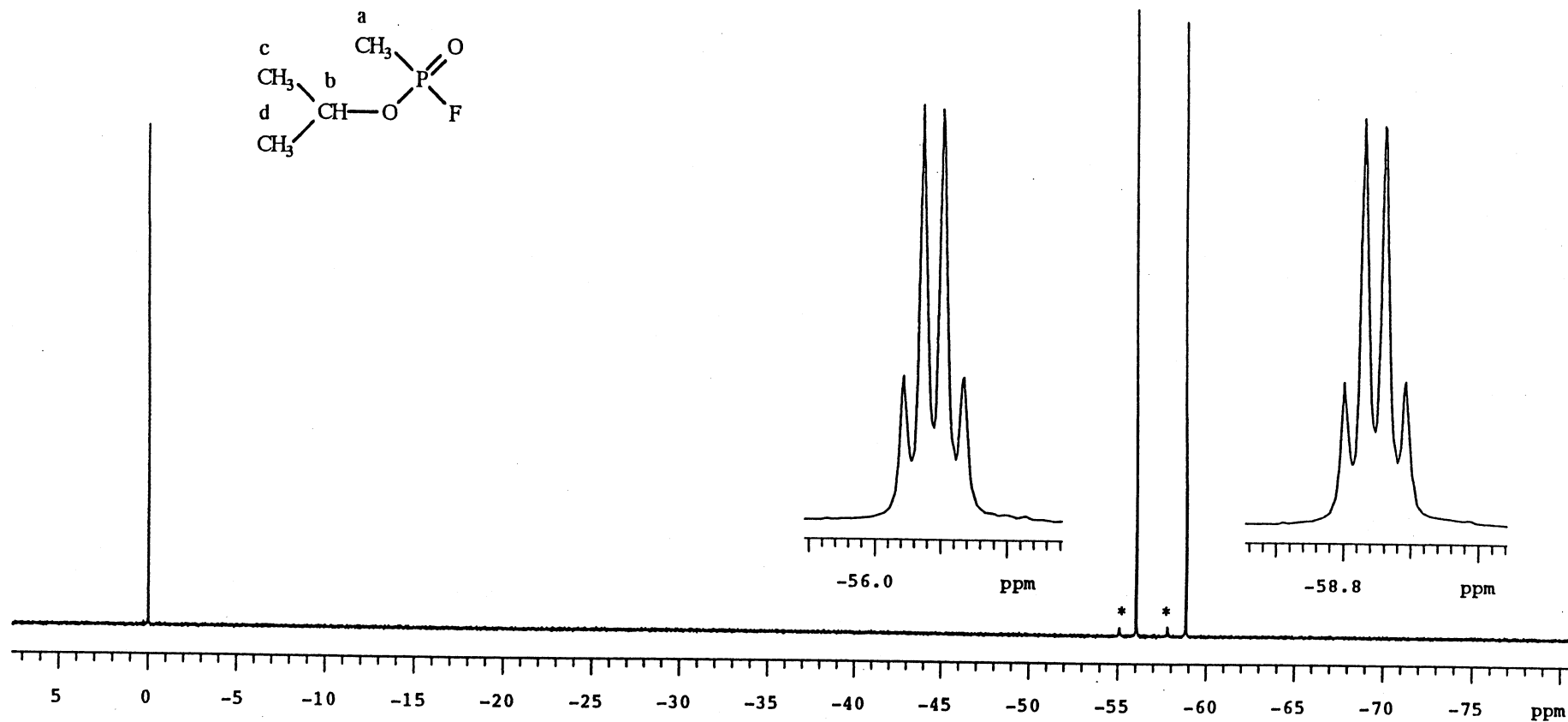
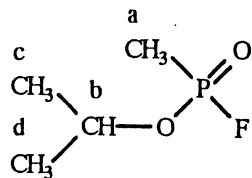


5-3-11

 $^{19}\text{F}$  NMR

Isopropyl methylphosphonofluoridate (Sarin)  
107-44-8



Solvent:	$\text{CDCl}_3$	Flip angle; Pulse width:	$45^\circ$ ; $6.6 \mu\text{s}$	nuc.	$\delta$ [ppm]	J [Hz]
Concentration:	14.1 mg/1.1 ml	No. of scans; Rep. time:	64; 16.0 s	F	-57.43	1046.3 (P); 5.7 (a)
Reference substance:	$\text{CFCl}_3$	Weighting; Line broad.:	exp.; 0.5 Hz			
Sample temperature:	$29.5^\circ\text{C}$	Spectral resolution:	0.8 Hz ( $\text{CFCl}_3$ )			
Resonance frequency:	376.489 MHz	Instrument:	Bruker AMX-400			
Spectral width:	33333.3 Hz	Source reference:	921013-86			
Data points (FID; spec.):	64 k; 64 k					

OPCW Code:5-3-11 (p1/1)