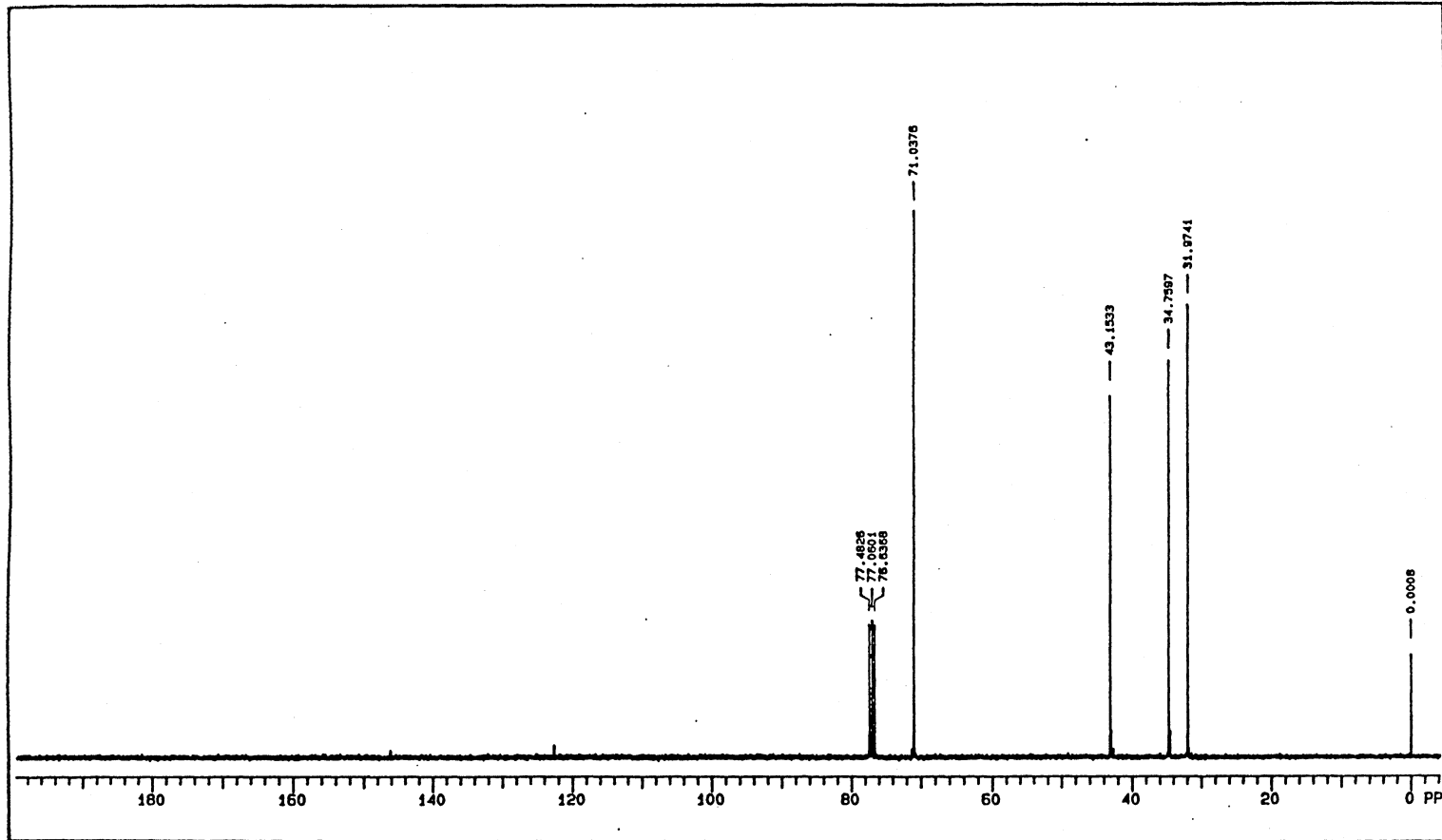
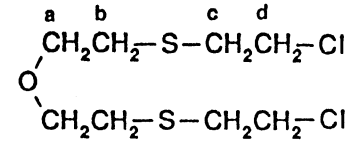


## Bis(2-(2-chloroethylthio)ethyl)ether (T, O-mustard)

[63918-89-8]

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

nuc.	$\delta$ [ppm]
a	71.04
b	31.79
c	34.76
d	43.15

Res. freq. 75.429 MHz  
 Solvent:  $\text{CDCl}_3$   
 Temperature:  $24^\circ\text{C}$   
 Concentration: 100 mg/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: 1809

Rep.time.: 1.85 s  
 Line broad.: exp., 0.5 Hz  
 Resolution: 0.95 Hz (TMS)  
 Instrument: Varian VXR-300  
 Filename: