Supporting Information

Table S1: Found and calculated C,H,N elemental composition of the networks

	C(%)	H(%)	N(%)
PImin			
exp	81.04	4.61	12.15
calc	82.05	4.72	13.20
PImCl			
exp	64.31	4.97	7.02
calc	71.41	4.22	10.75
PNHC			
exp	79.83	4.34	10.21
calc	83.04	4.46	12.50
PCuNHC			
exp	70.31	3.24	10.65
calc*	64.87	3.51	9.76

*calculated for a completely Cu-coordinated network

a) PImin

168.021
159.884
142.075
131.952
128.044
115.784
60.413

δ 150–160 ppm

ppm   250   200   150   100   50   0

b) PImCl

146.643
131.583
130.789
122.089
62.550

δ 130–140 ppm

ppm   250   200   150   100   50   0

c) PNHC

231.707
144.364
131.858
127.797
120.371
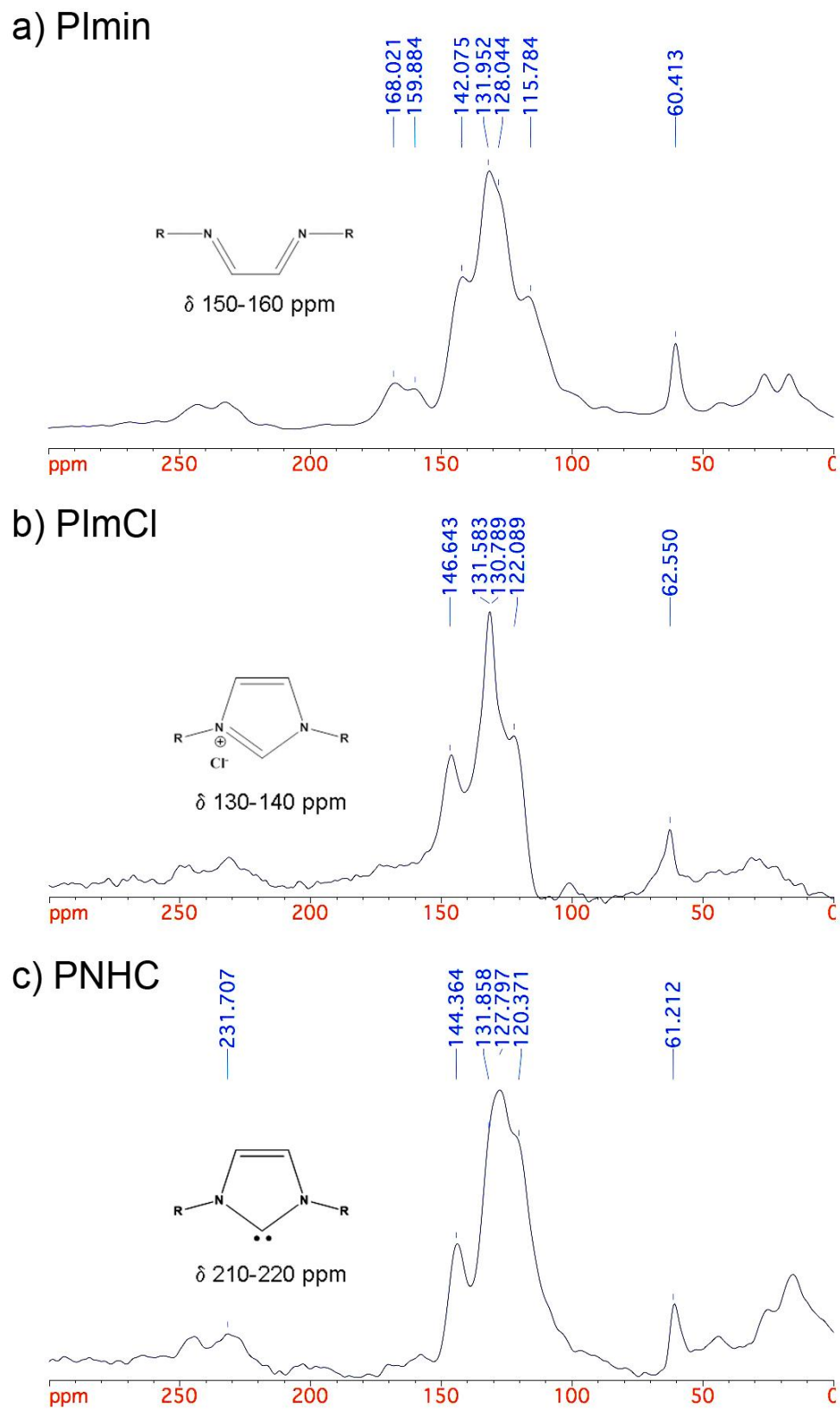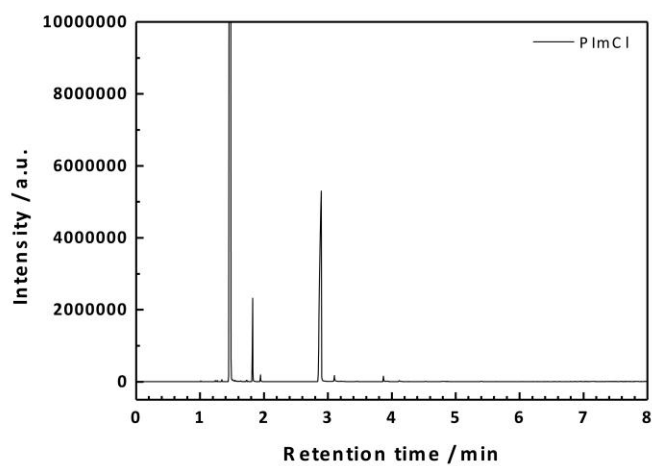61.212

δ 210–220 ppm

ppm   250   200   150   100   50   0

Figure S1: ^{13}C CP-MAS NMR spectra of PImin, PImCl and PNHC with the relevant molecule units.
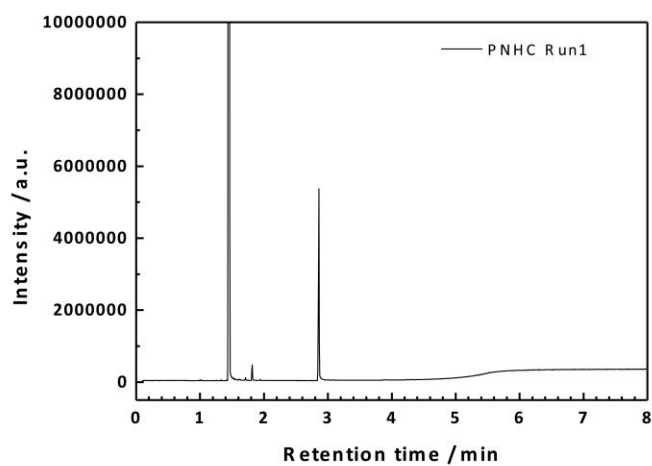
a) PImCl

b) PNHC

Figure S2: Representative GC-MS data obtained after cycloaddition of CO_2 over PImCl and PNHC with epichlorohydrin