

Supporting Information

Bio-derived ionic liquids and salts with various cyano anions as precursors for doped carbon materials

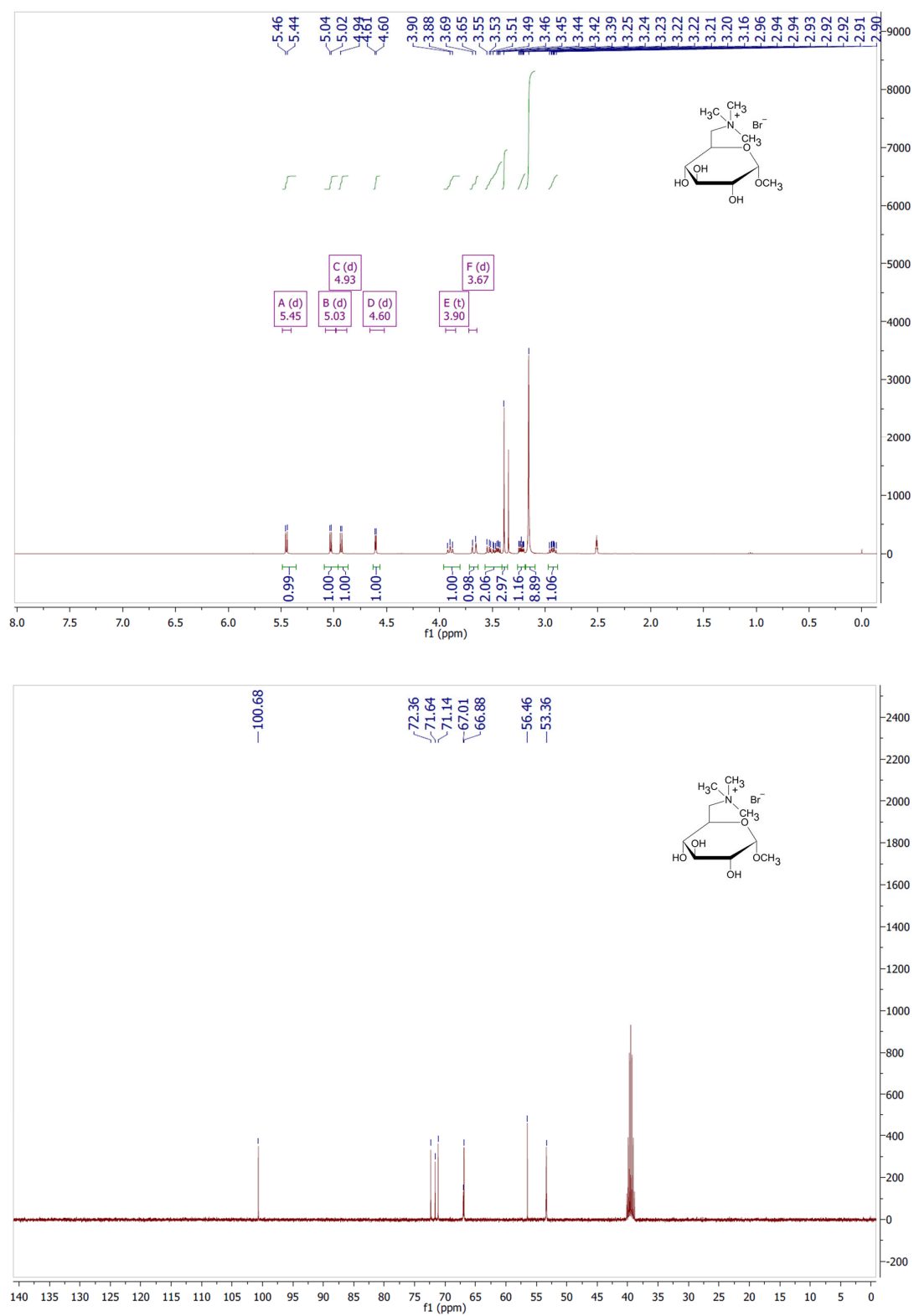
Alina Brzęczek-Szafran^{1,*}, Bartłomiej Gaida¹, Agata Blacha-Grzechnik¹, Karolina Matuszek², and Anna Chrobok¹

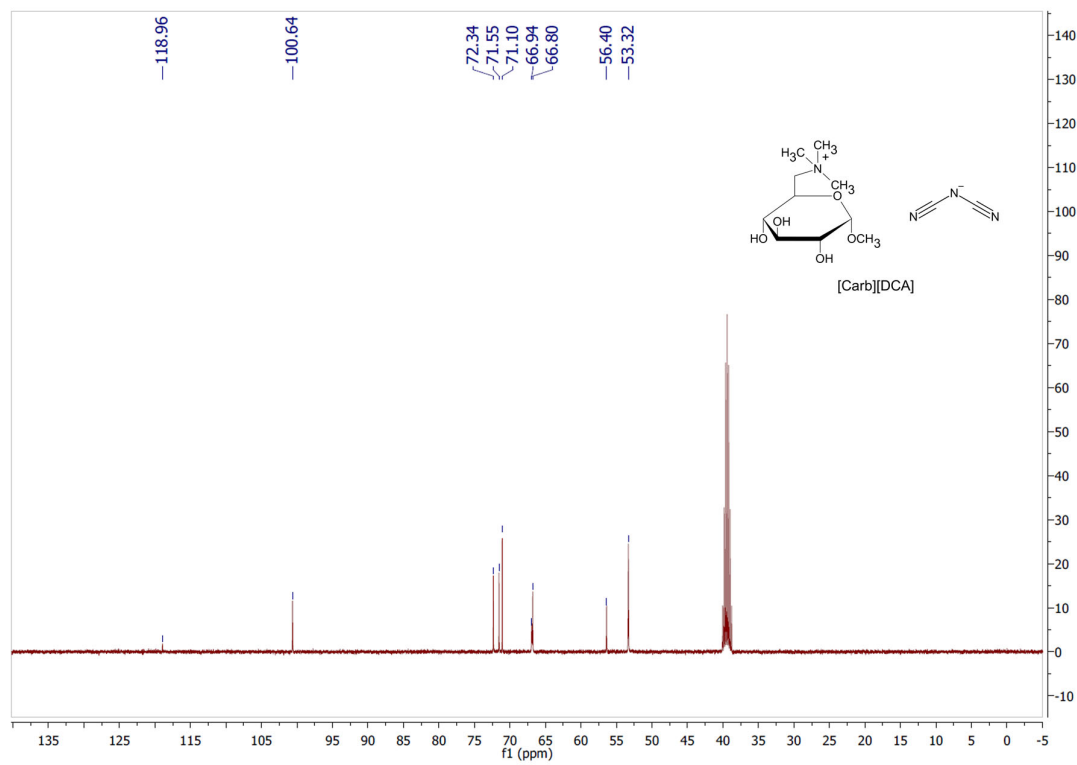
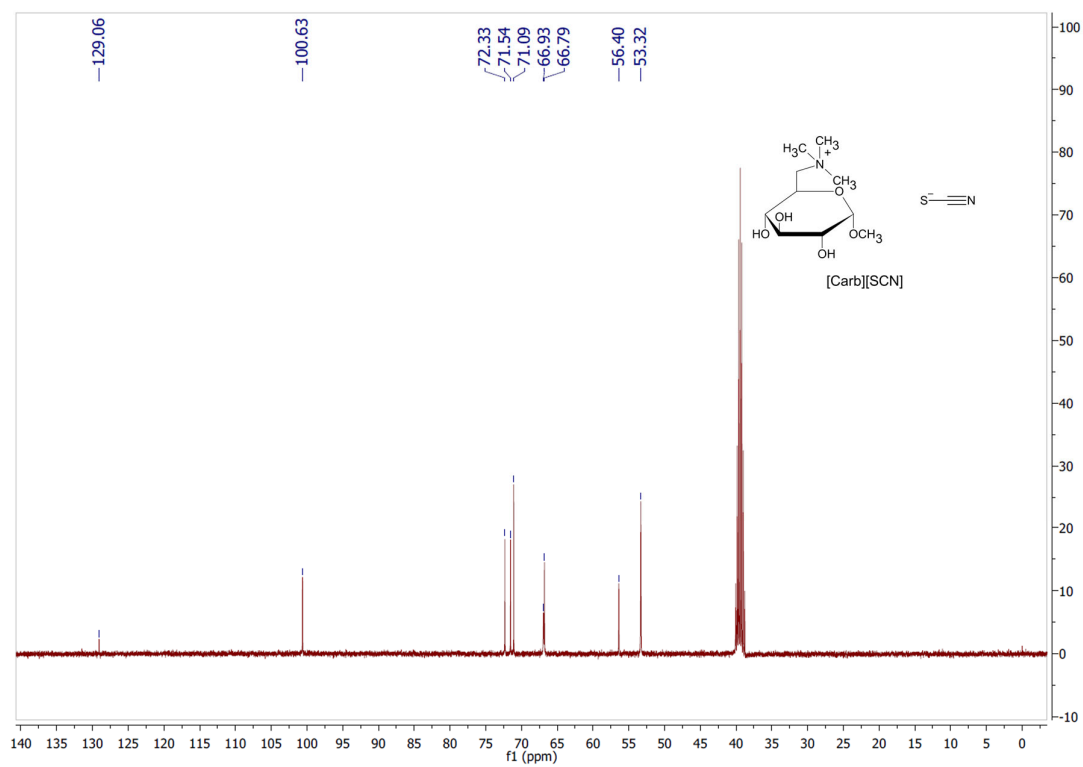
1 Faculty of Chemistry, Silesian University of Technology, Krzywoustego 4, Gliwice, 44-100, Poland

2 School of Chemistry, Monash University, Clayton 3800, VIC, Australia

* Correspondence: alina.brzeczek-szafran@polsl.pl

Figure S1. ^1H and ^{13}C NMR spectra of the investigated carbohydrate-derived ionic liquids and salts.





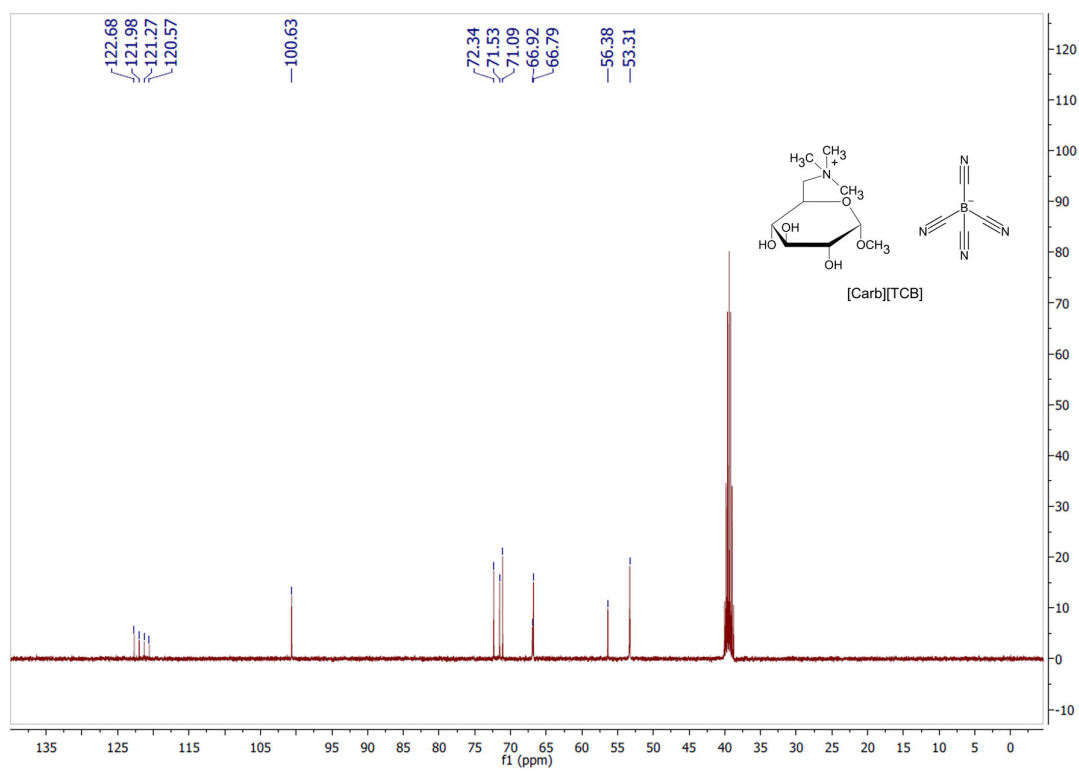
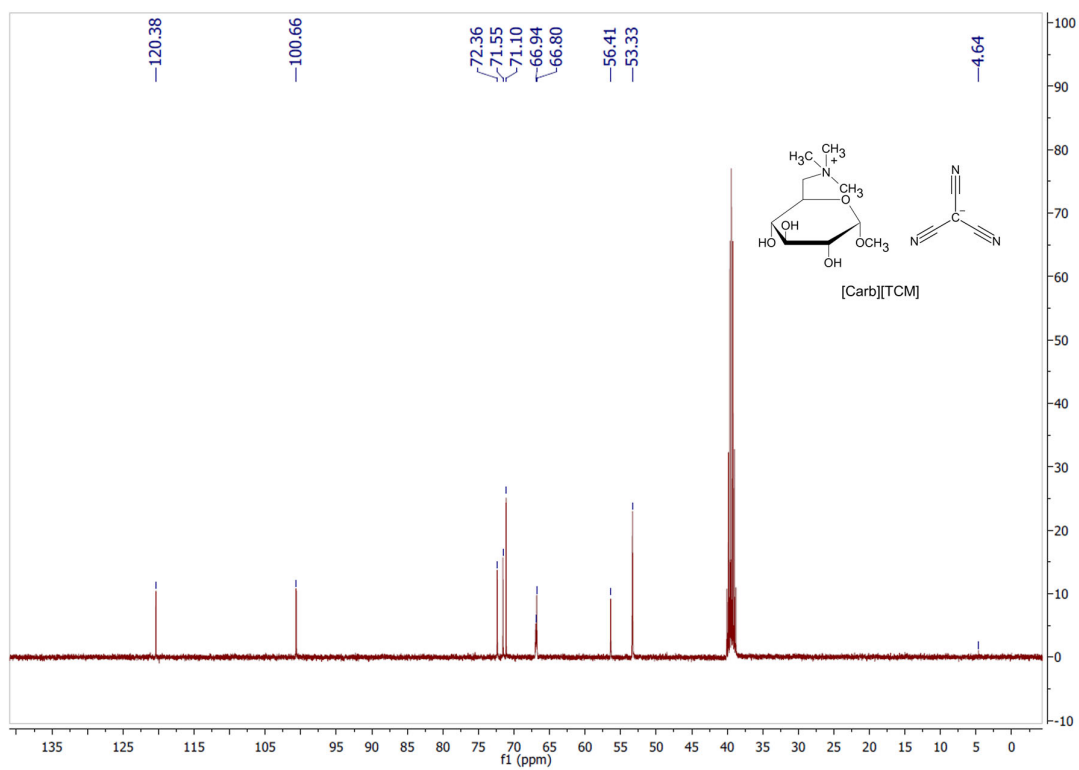
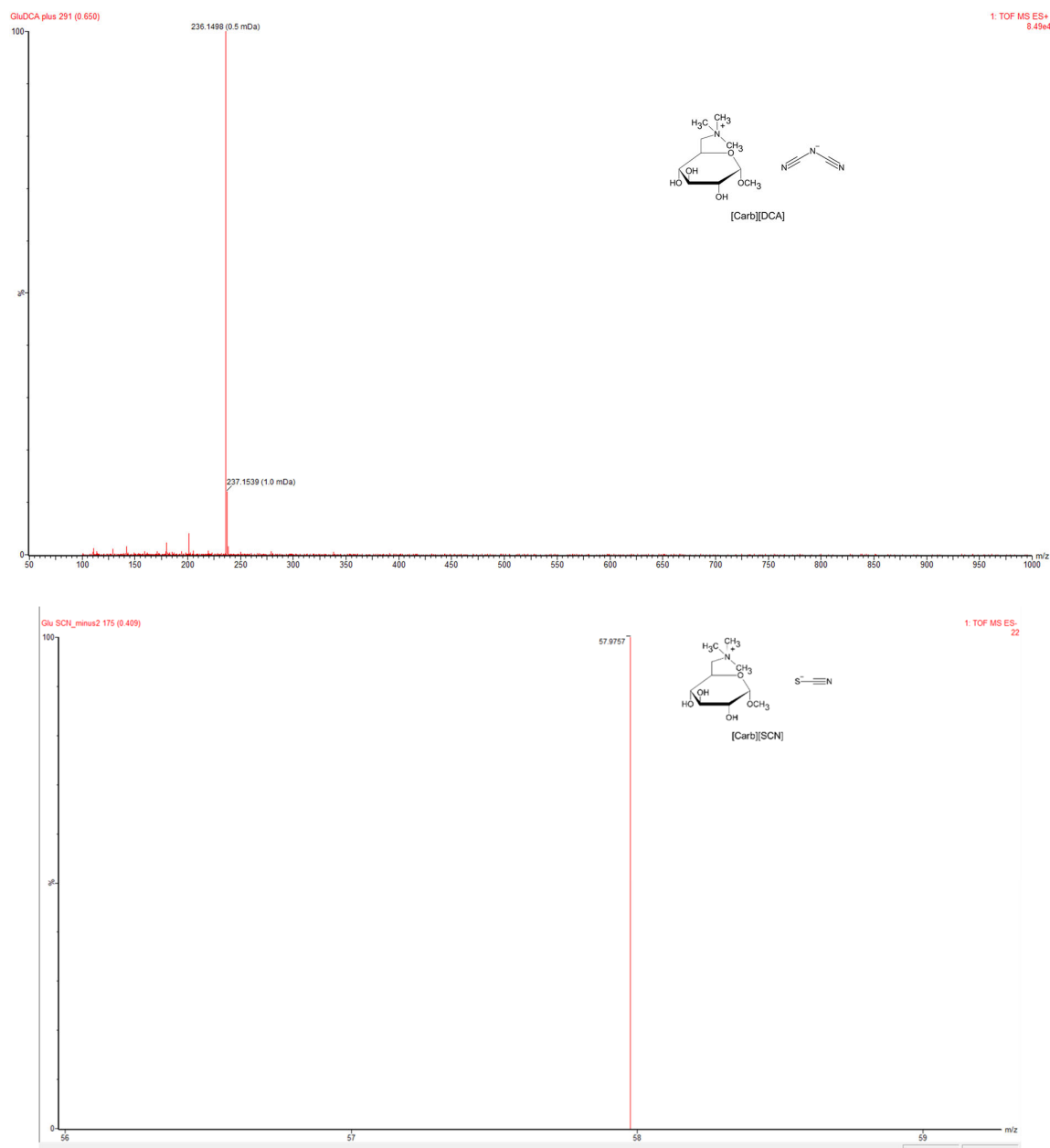
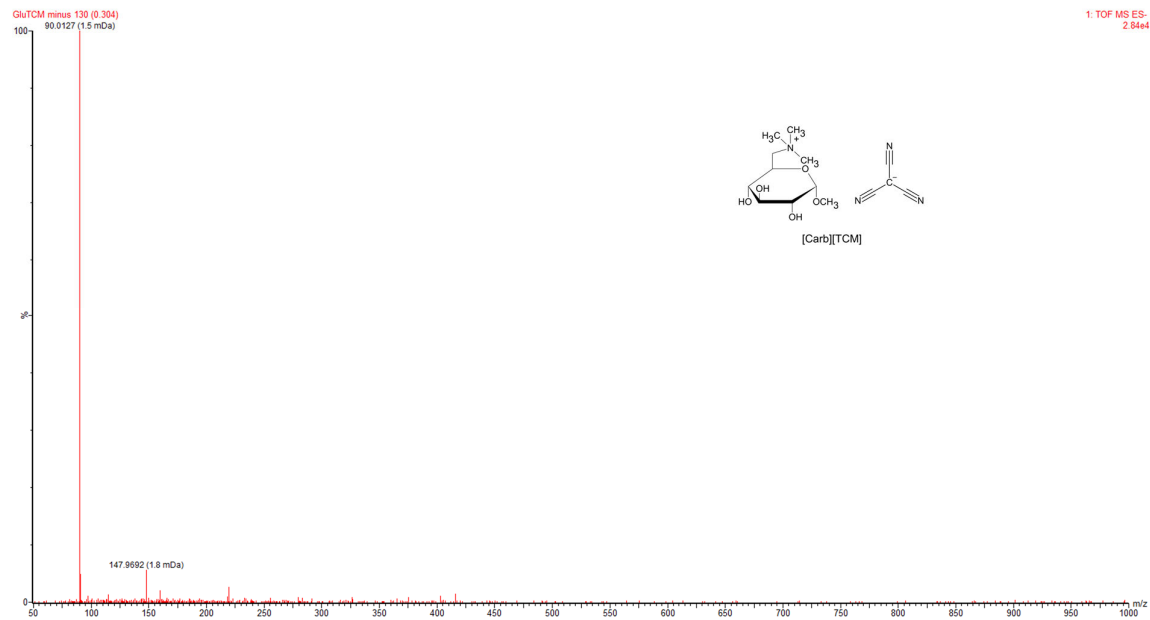
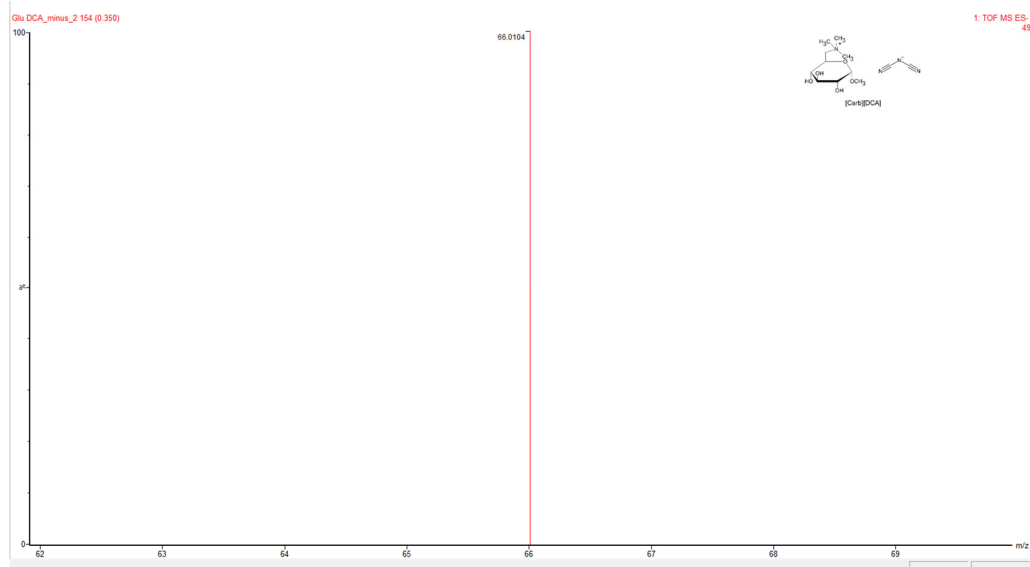


Figure S2. MS spectra of the investigated carbohydrate-derived ionic liquids and salts.





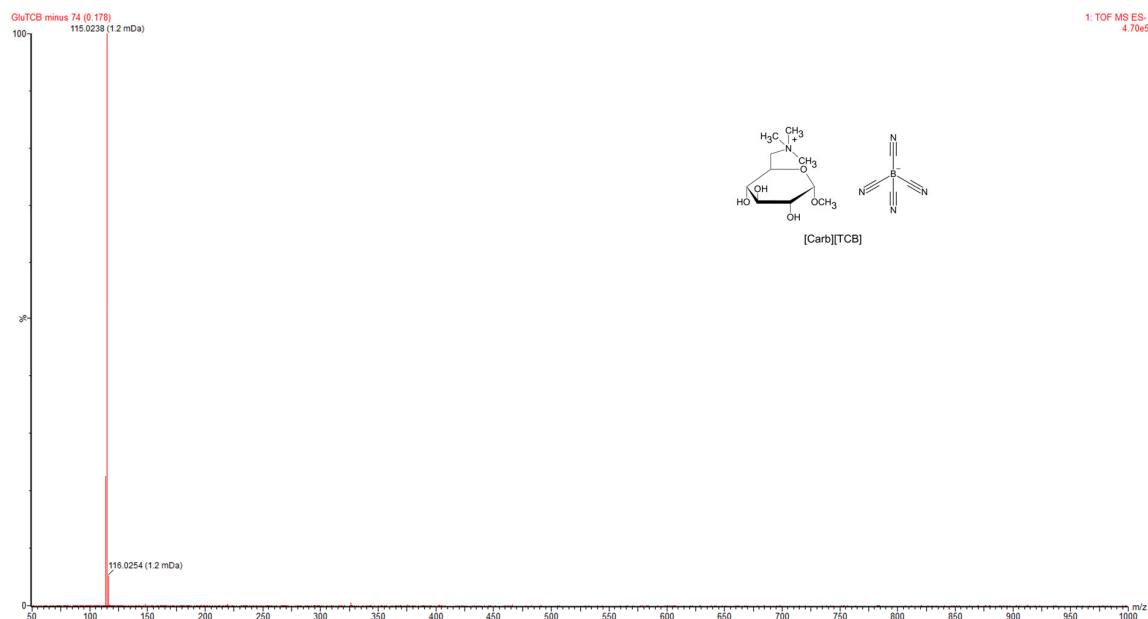


Figure S3. Thermal properties of carbohydrate-derived ionic liquids and salts: a) [Carb][DCA]; b) [Carb][SCN], c) [Carb][TCB], d) [Carb][TCM]

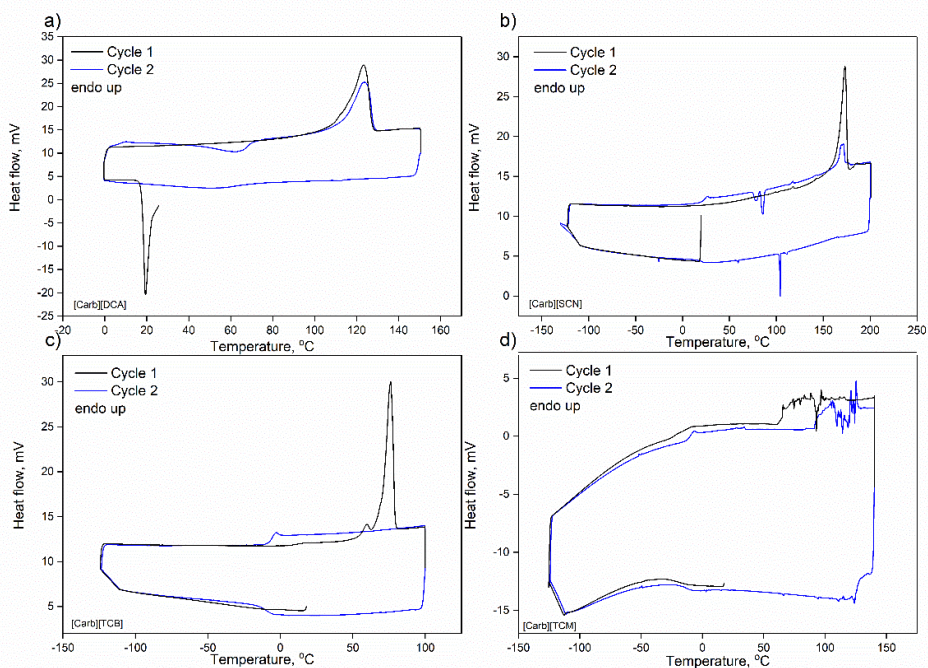


Figure S4. IR spectra of [Carb][SCN]_500 and [Carb][SCN]_600.

