



Figure 11:  $^1\text{H}$ - $^{13}\text{C}$  HSQC spectrum of  $^{13}\text{C}$  labeled glucose (left) and  $^1\text{H}$ - $^{15}\text{N}$  HSQC of  $^{15}\text{N}$  labeled Ubiquitin (right) both acquired from  $2.5\mu\text{l}$  sample volume at 14.1 T. Glucose HSQC spectrum was acquired in 12 minutes from a 100 mM sample. Ubiquitin HSQC spectrum was acquired in 400 minutes from a 1 mM sample.