$^{13}$C MAS NMR spectrum of octanol-substituted methoxylated precipitated silica (F). Methoxy resonance at 50 ppm marked with ‘M’.
$^{29}$Si CPMAS NMR spectra of a) precipitated silica, b) OctPVA physisorbed to precipitated silica and c) of OctPVA chemisorbed to precipitated silica. Experimental spectra in top row, simulated in middle and $Q^2$, $Q^3$ and $Q^4$ components of the deconvolution in the bottom row, scaled to allow comparison of absolute intensities.