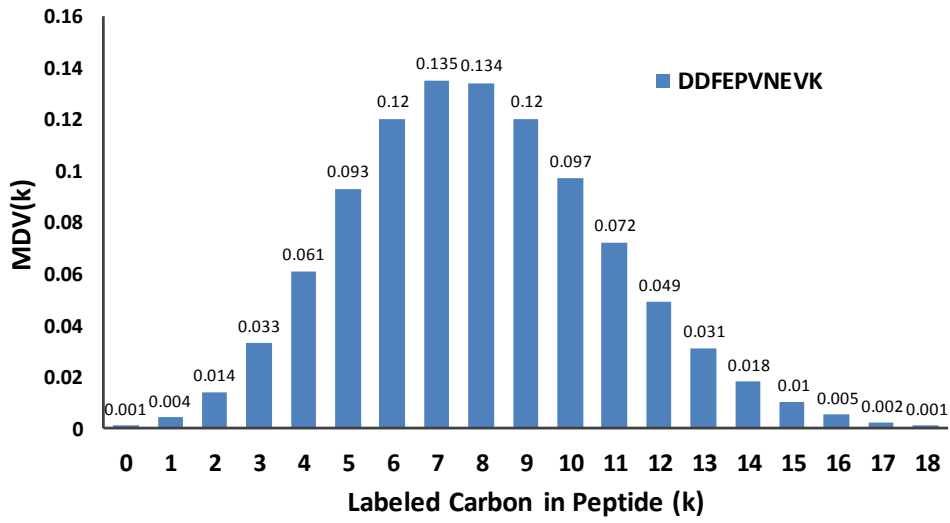
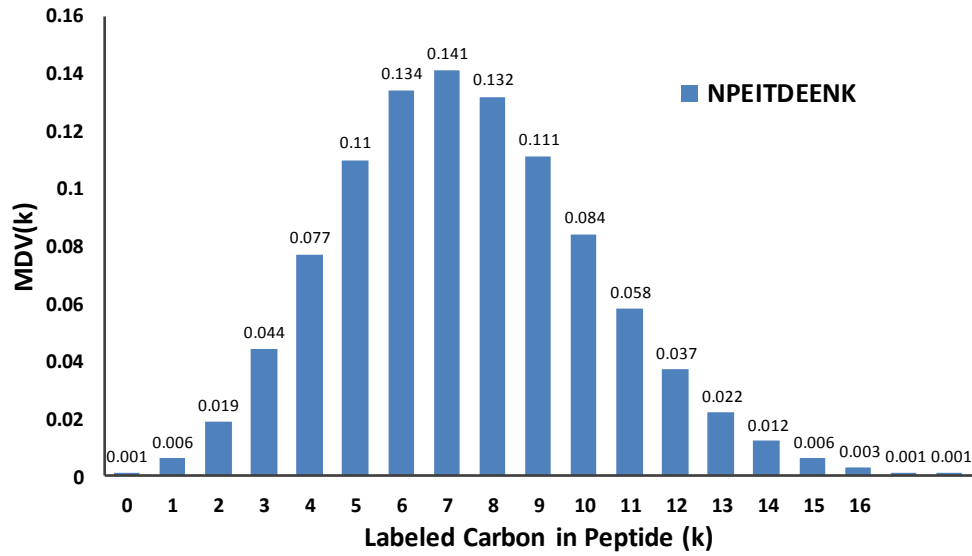


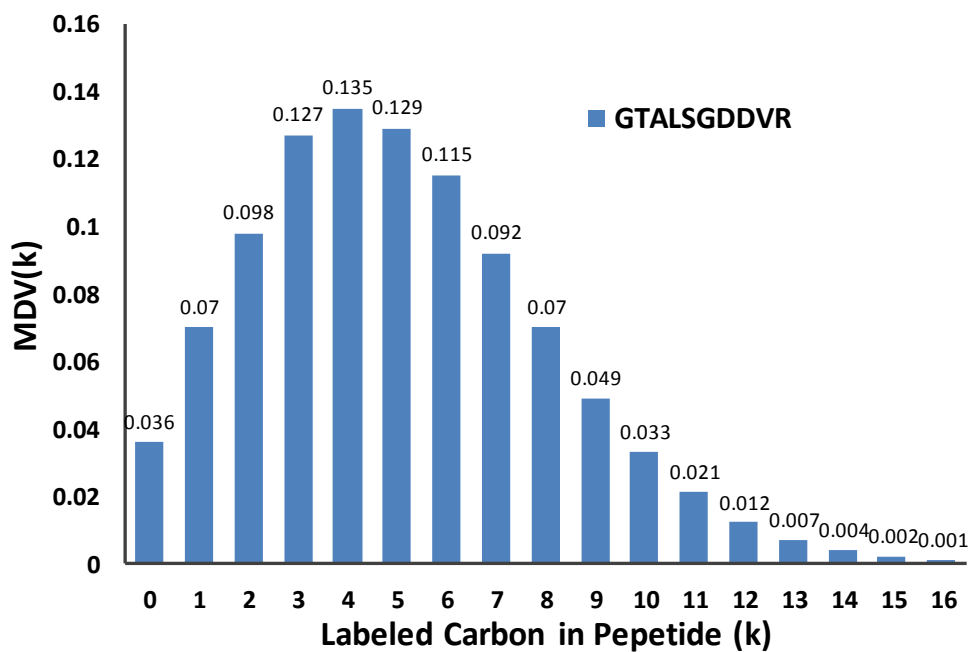
(a)



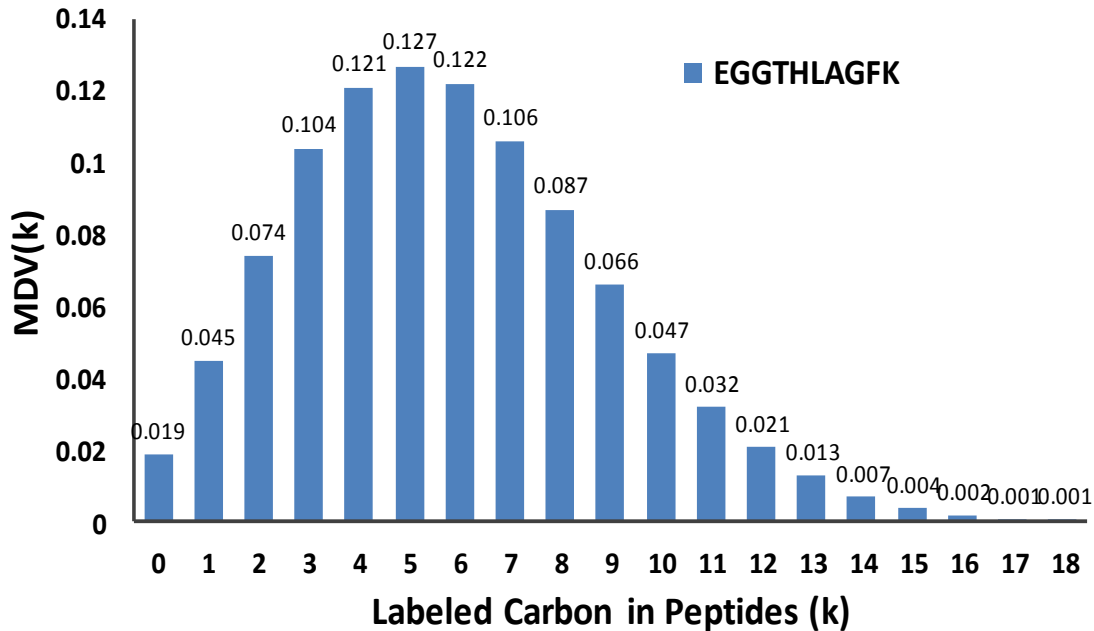
(b)



(c)



(d)



**Figure S7.** Peptide labeling profile for peptide based  $^{13}\text{C}$  MFA obtained for *D. vulgaris* and *M. maripaludis* species in microbial community. Four 10 aminoacids peptides sequences and MDV's were plotted for (a) DDFEPVNEVK, (b) NPEITDEENK, (c) GTALSGDDVR and (d) EGGTHLAGFK.