A) High Abundance Ion Variation Distribution B) Low Abundance Ion Variation Distribution RatioFreq RatioFreq **Probability Density Probability Density** 1.5 -1.5 -0.5 0.5 1.5 -2 -1.5 -0.5 0.5 -2 0 **Log2 Fold Variation Log2 Fold Variation** -50% -60% 70% 90% —100% -30% 40% 80%

**)** Deletion Freq for bottom decile

