b.)

$K_\alpha = 54,355.8 \, eV$

$K_\beta = 64,421.7 \, eV$

$L_\alpha = 10,065.9 \, eV$

$\Rightarrow \lambda_{K_\alpha} = .023 \, nm$

$\lambda_{K_\beta} = .019 \, nm$

$\lambda_{L_\alpha} = .123 \, nm$

c.)

$K_\alpha = 17,146.2 \, eV$

$K_\beta = 20,321.4 \, eV$

$L_\alpha = 3175.22 \, eV$

$\Rightarrow \lambda_{K_\alpha} = .072 \, nm$

$\lambda_{K_\beta} = .061$

$\lambda_{L_\alpha} = .39 \, nm$