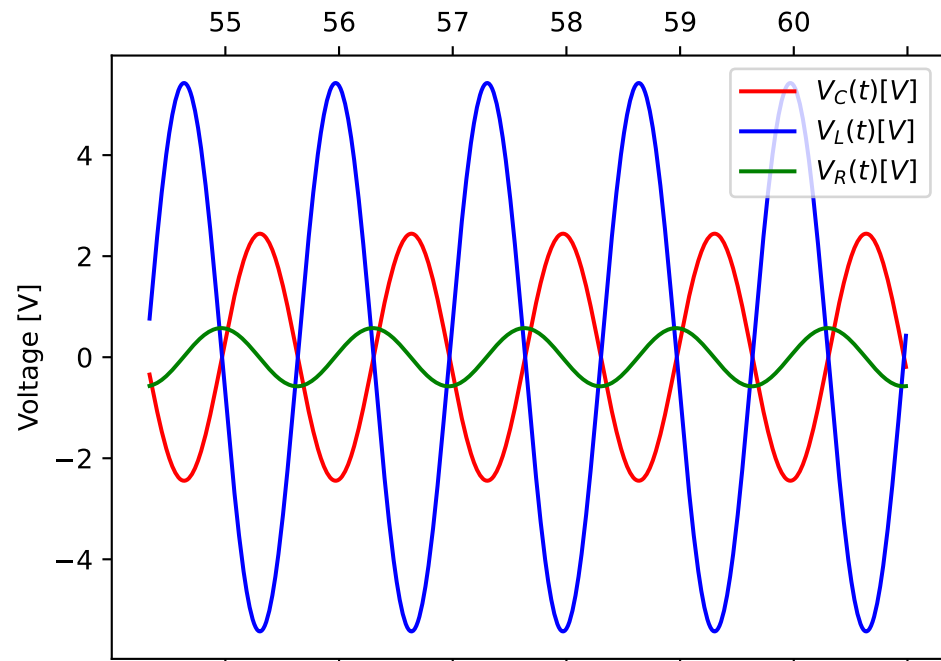
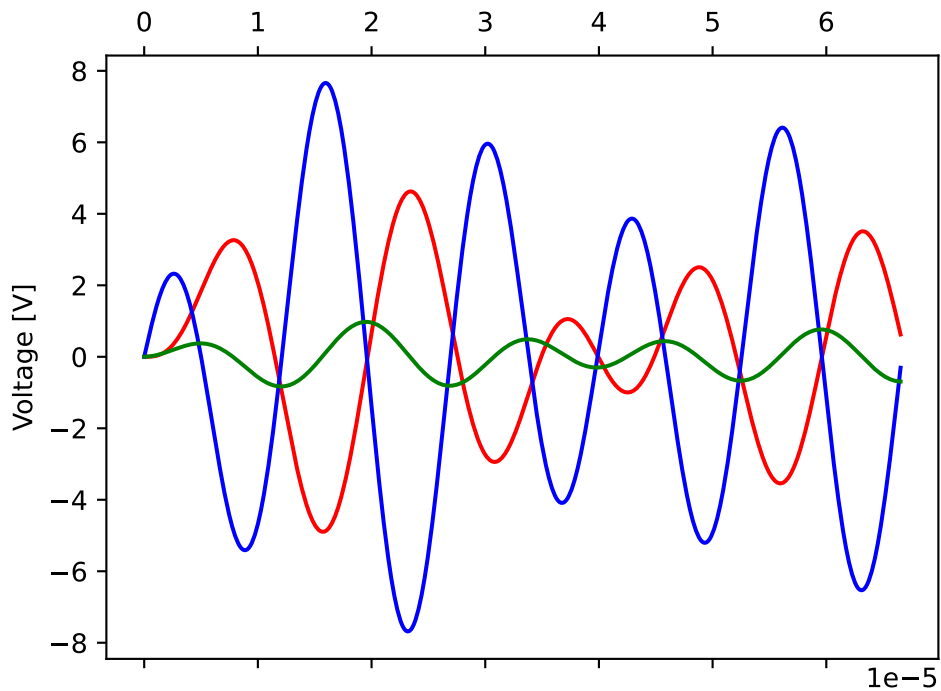
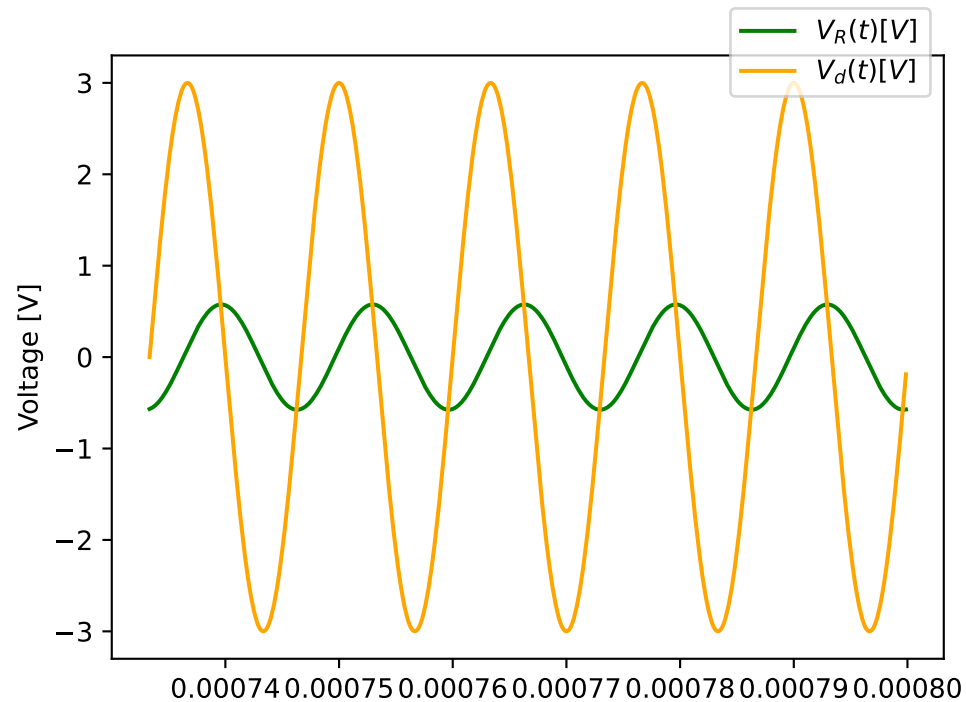
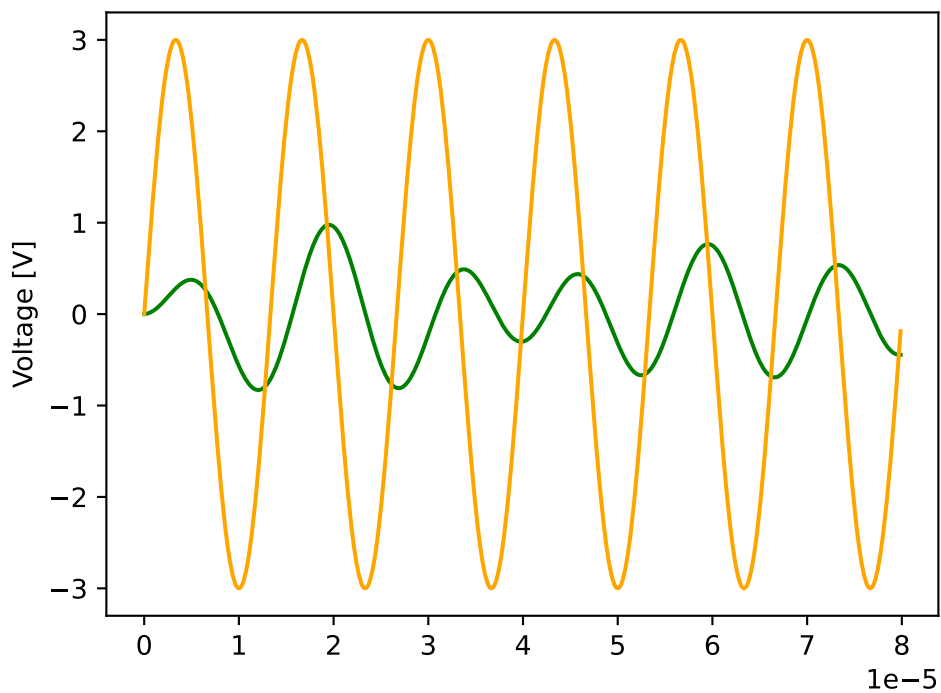


DrivenLRCcircuit, $R = 1k\Omega$, $C = .5nF$, $L = 20mH$



Driving Voltage:
 $V_d0 = 0.0kHz$
 $f = 75.0\text{ kHz}$
 Initial Conditions:
 $q_0 = 0.0C$
 $i_0 = 0.0mA$



Resonance freq.:
 $f_0 = 75kHz$
 Output voltage:
 $V_0 = 21.5V$
 Phase shift:
 $\Delta T = 1.33333e-07\text{ T}$