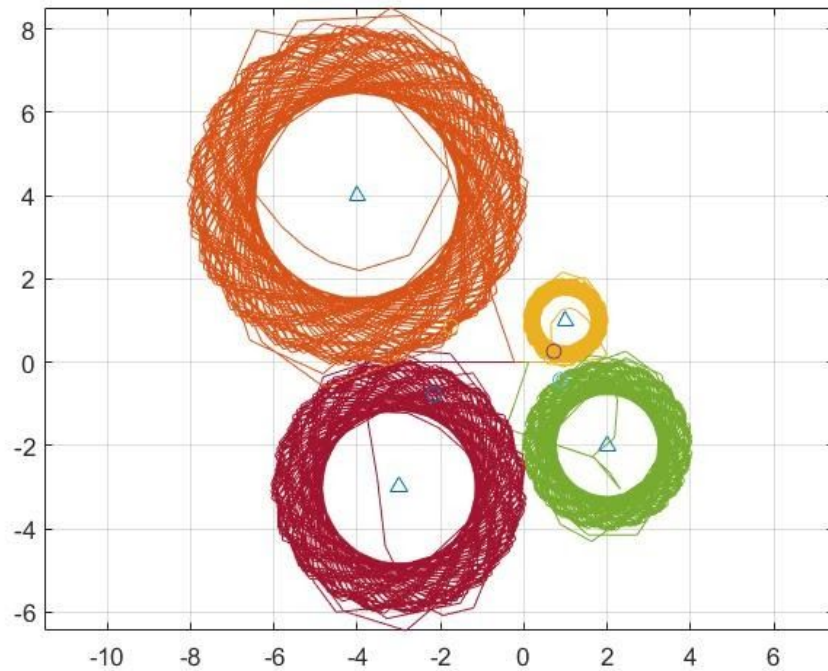
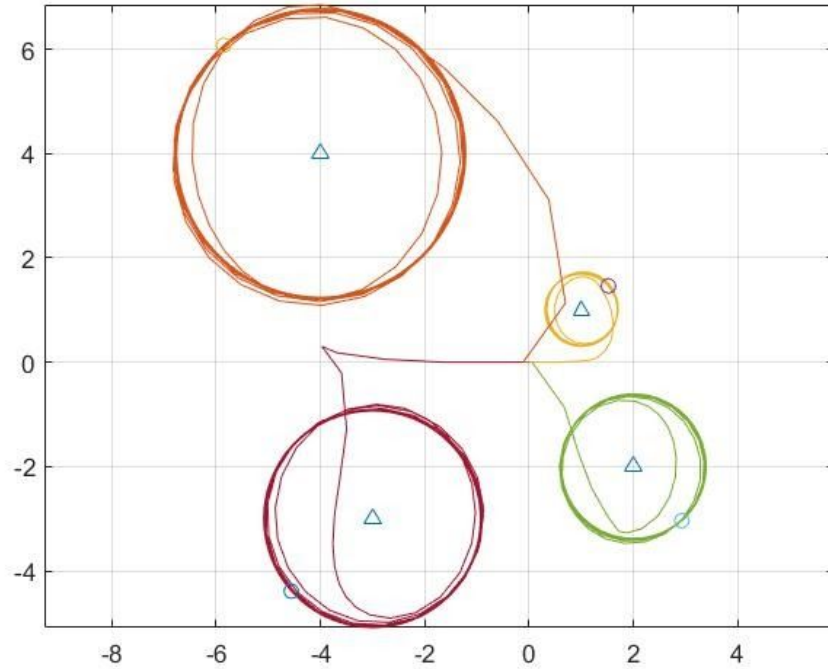
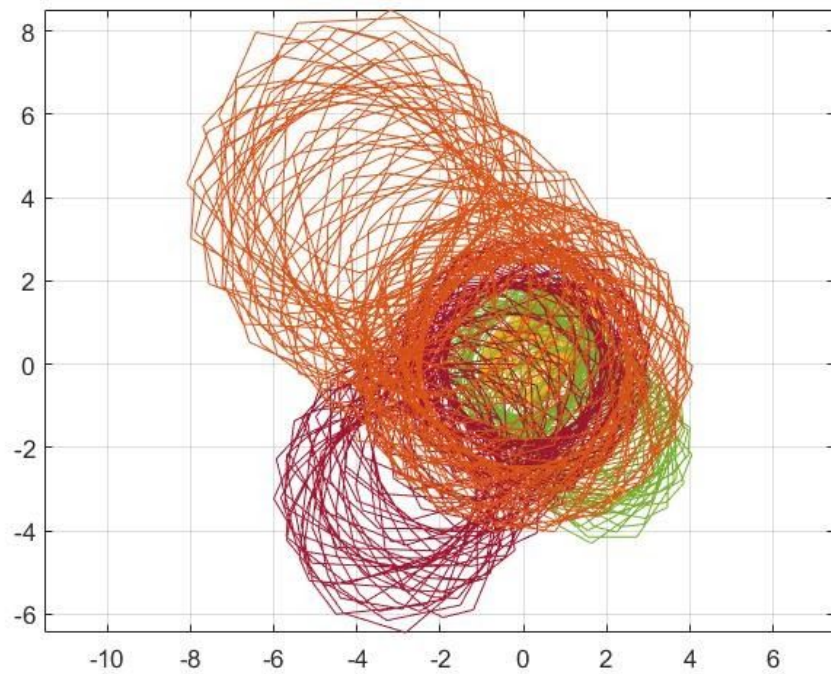
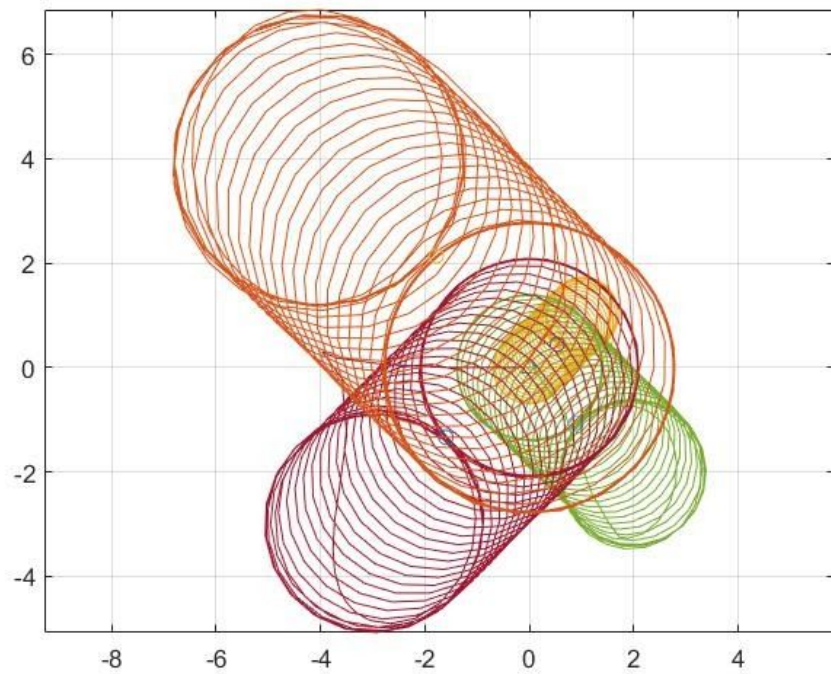


**Example - 2:** There are 8 vehicles all located at origin initially and 4 targets at (1,1), (2,-2), (-3,-3) and (-4,4). The radius of revolution for the 8 vehicles is  $r=[1;2;3;4;1;2;3;4]$  respectively. Plot the movement of vehicles for different possible scenarios.

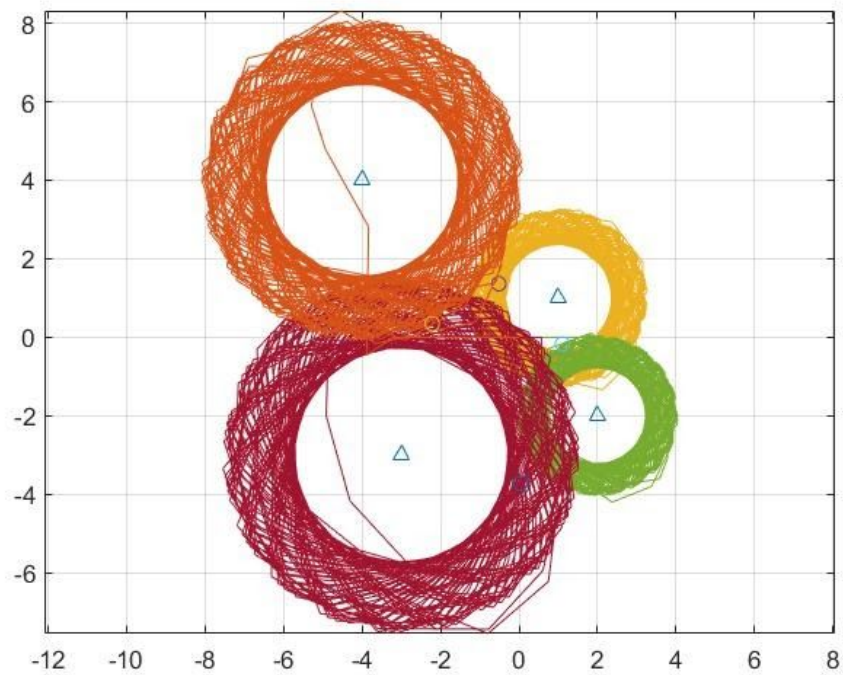
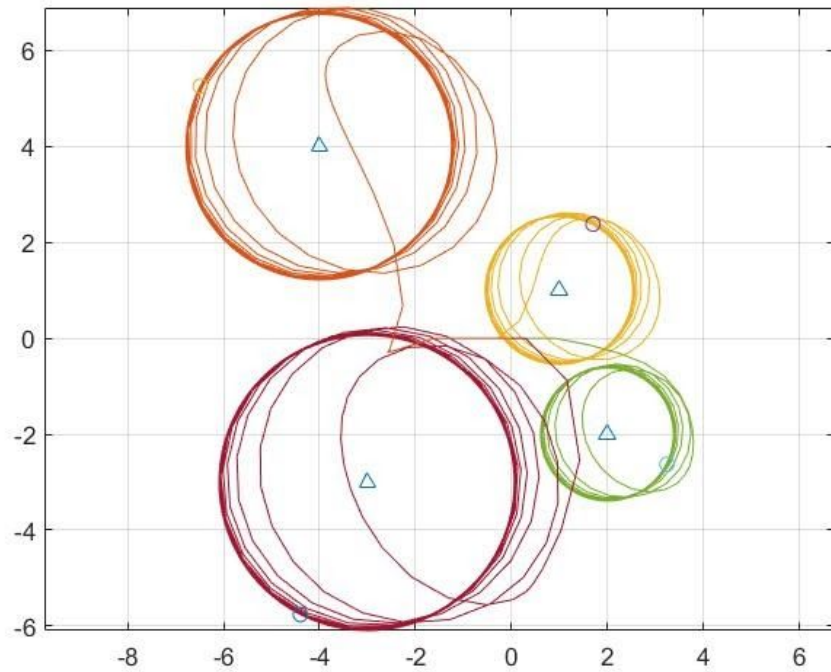
*Scenario 1: Plot for stationary Targets using ode45 solver and euler method respectively ;*



*Scenario 2: Plot for moving Targets using ode45 solver and euler method respectively ;*



*Scenario 3: Plot for stationary Targets with undetected targets in vehicles - 1,3,5,7 using ode45 solver and euler method respectively ;*



*Scenario 4: Plot for moving Targets with undetected targets in vehicles - 1,3,5,7 using ode45 solver and euler method respectively ;*

