Problem 3:
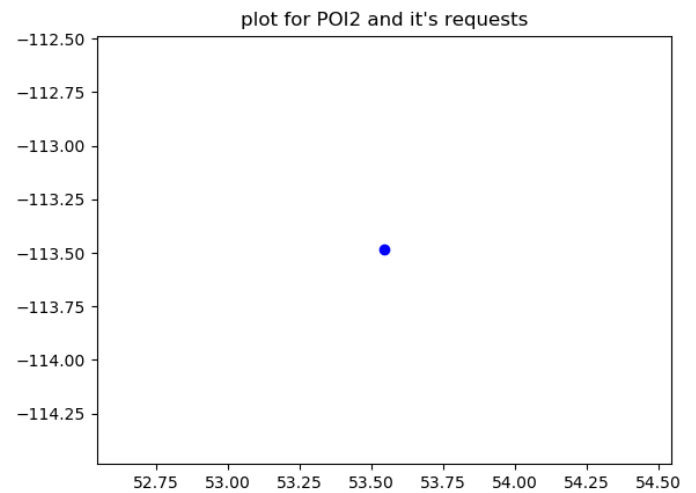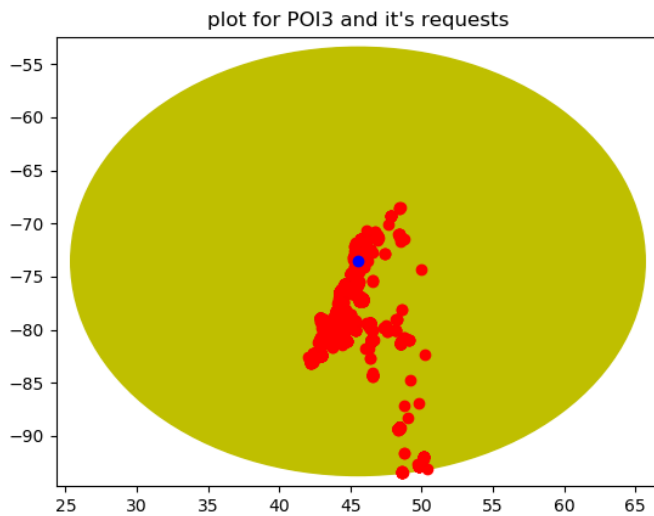

plot for POI1 and it's requests

plot for POI2 and it's requests

avg distance to POI1 is 3.348183006325586
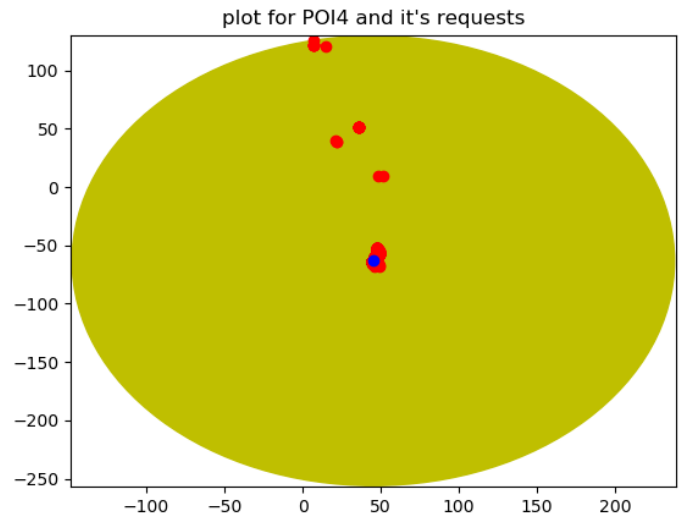
std deviation to POI1 is 3.8584895715706784

POI1's density is 4.998179064154924

plot for POI3 and it's requests

plot for POI4 and it's requests

avg distance to POI3 is 5.537950830488866

std deviation to POI3 is 2.85868972954049

POI3's density is 7.692137385787865

avg distance to POI4 is 8.810410862715697

std deviation to POI4 is 28.675130269811003

POI4's density is 0.004148676408923476

Problem 4-2:

Path: 94, 56, 73, 21, 39, 100, 20, 41, 112, 97, 102, 36