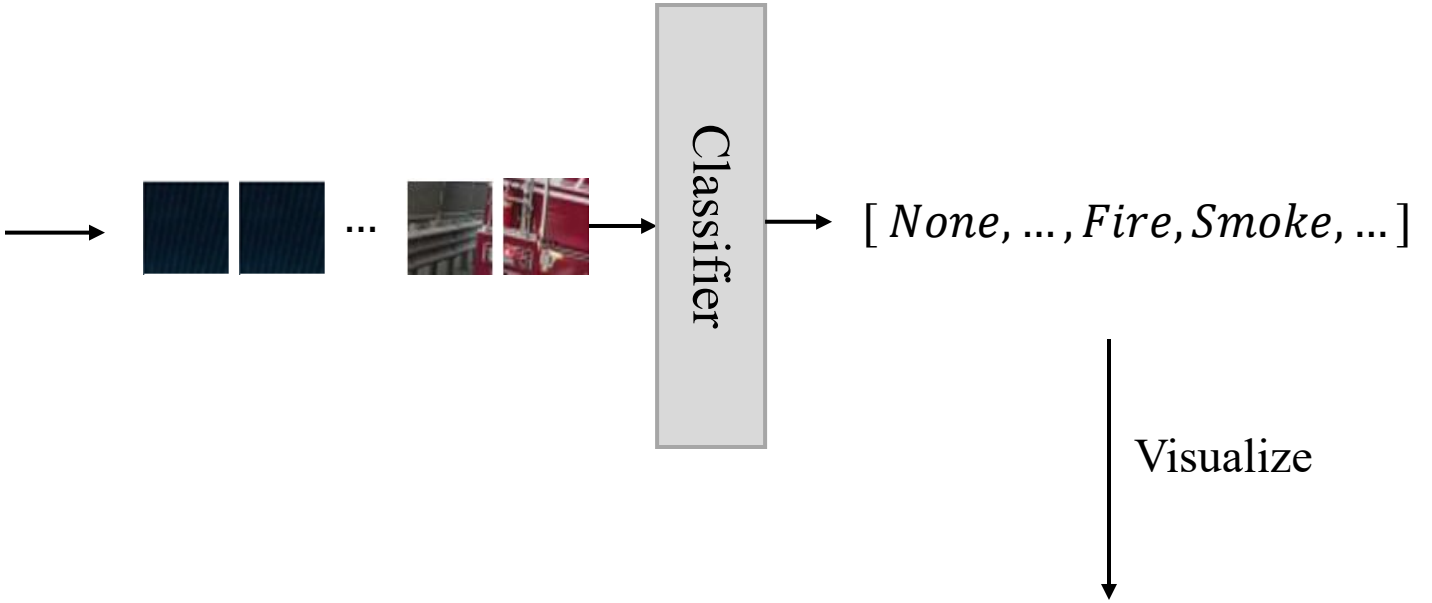
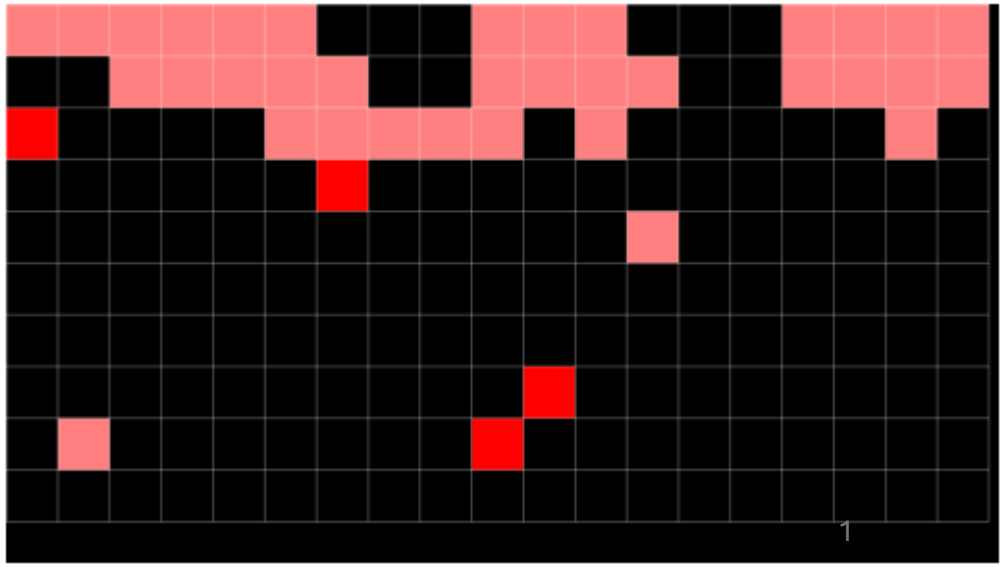
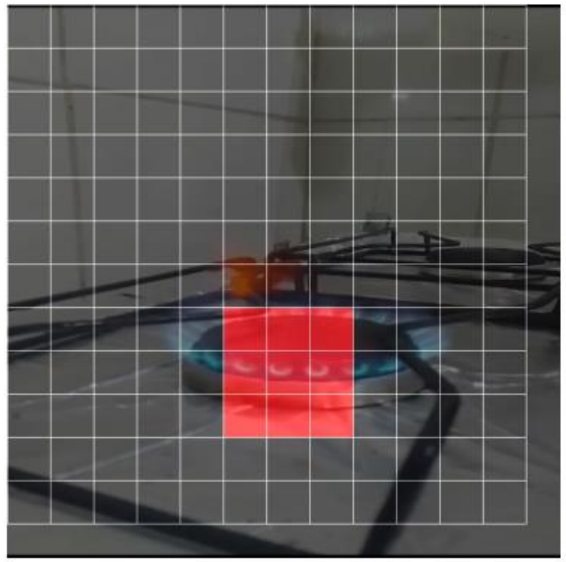
Pass the list of patches to a classifier

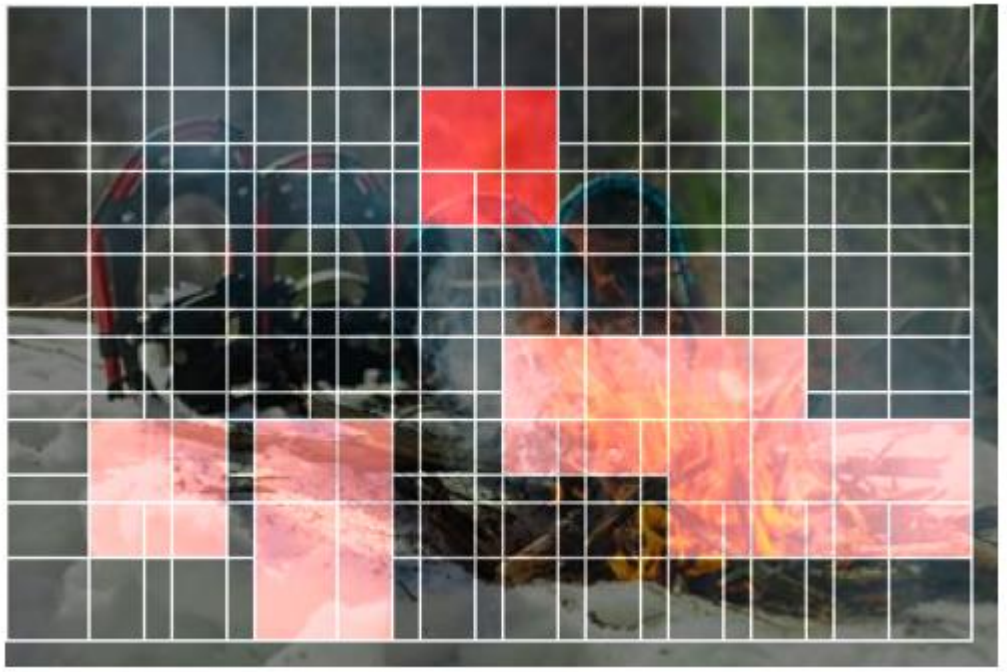


Create Patches from images/ frames

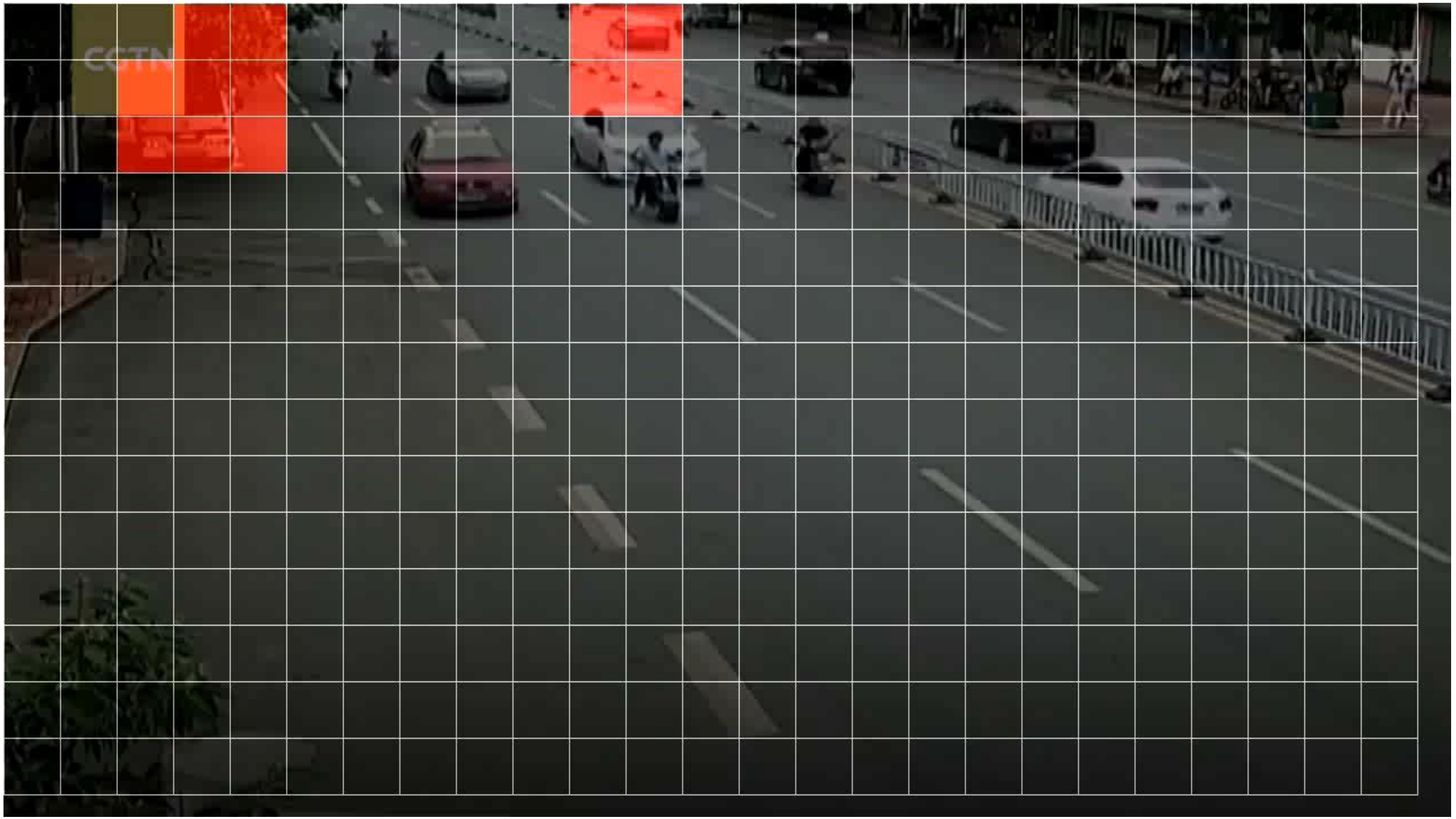


Sample Results on Images





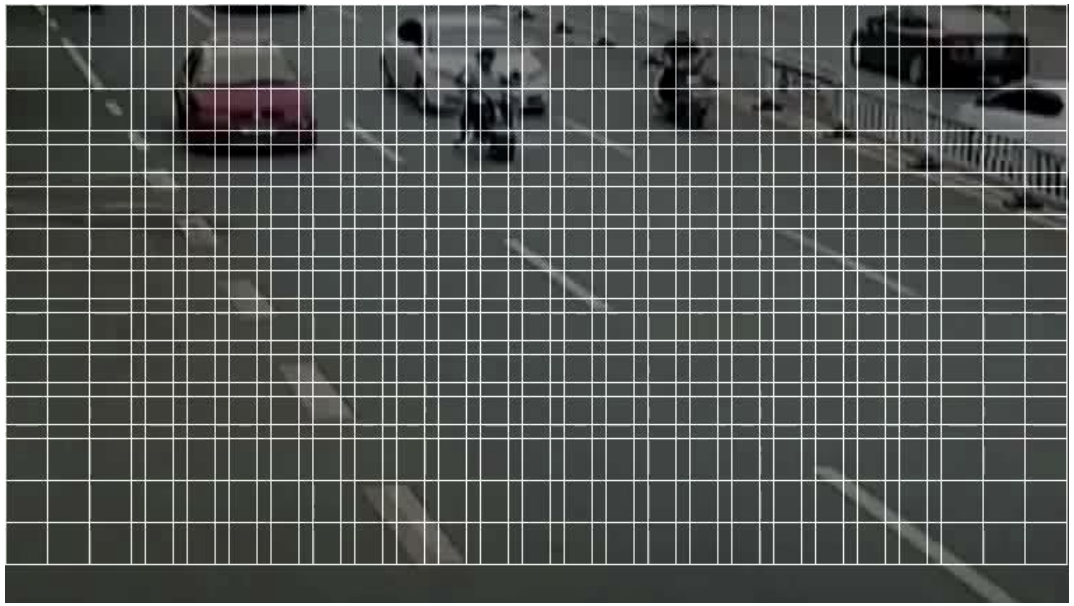
Sample Results on Video



Sample Results on Video after fine-tuning

Input Video

Output

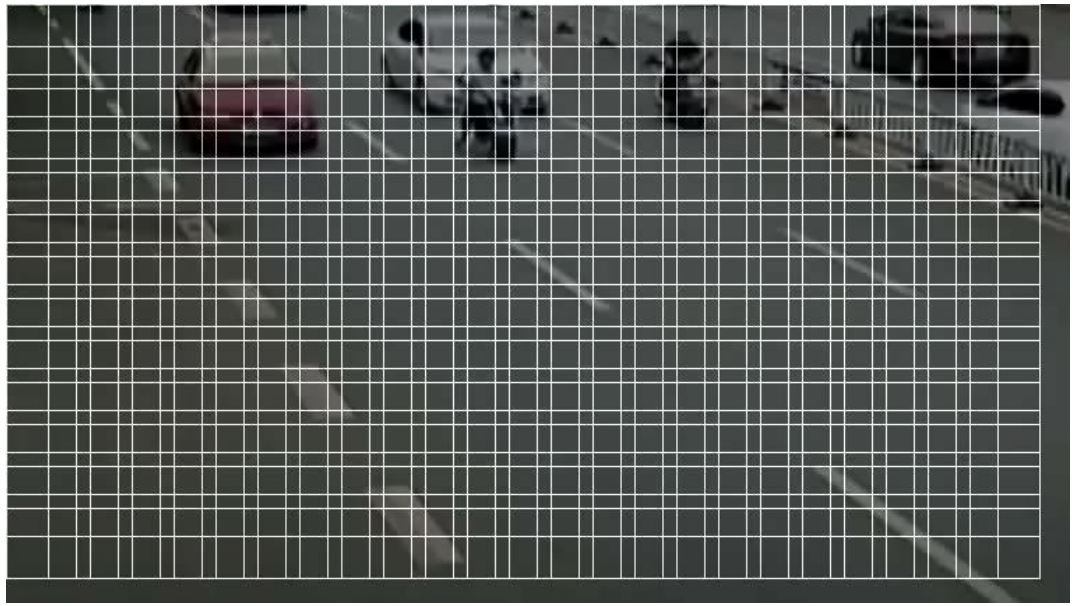


Threshold Conf- 0.5

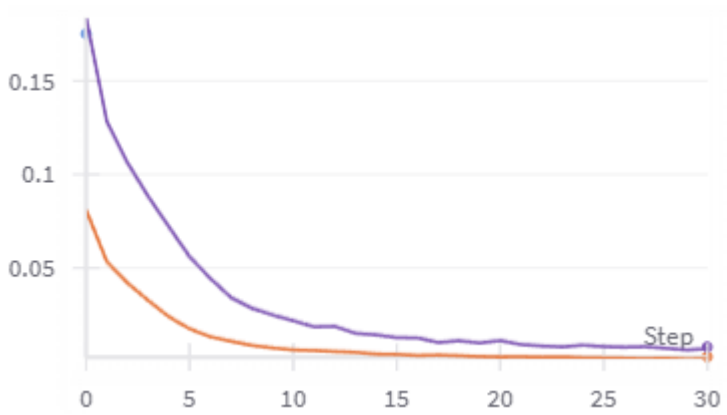
Sample Results using transfer learning model

Input Video

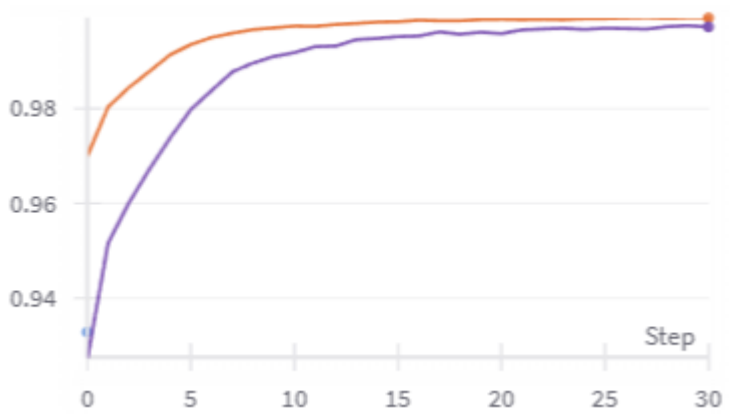
Output



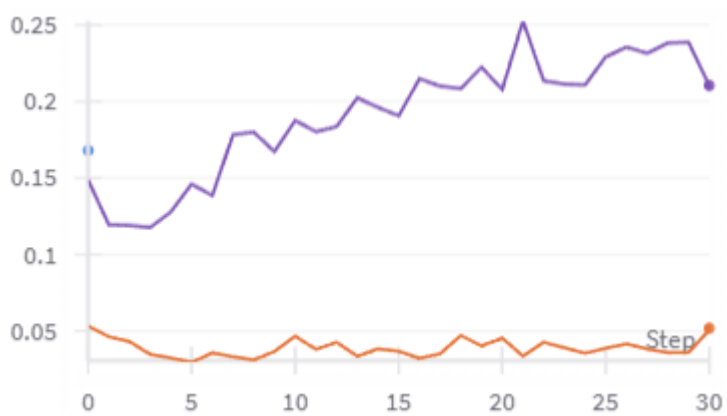
Train Loss



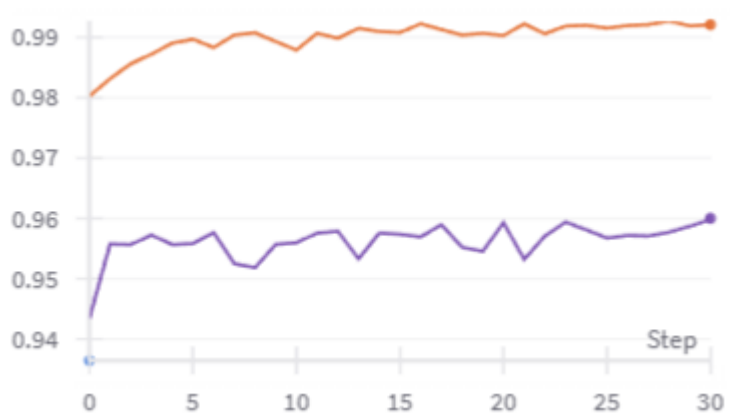
Train Accuracy



Val Loss



Val Accuracy



Without average pooling

With average pooling

GMM Training

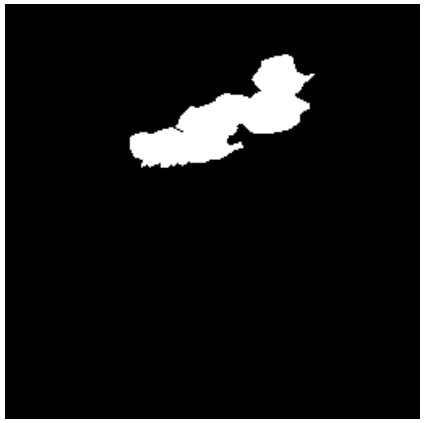
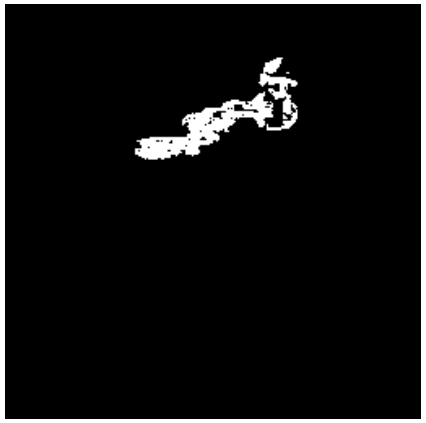
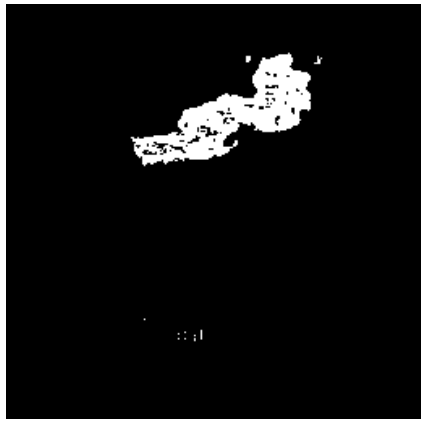
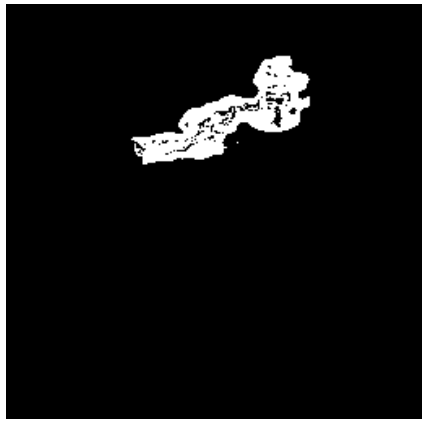





Image | Ground truth | RGB GMM output | LAB GMM output | YCbCr GMM output

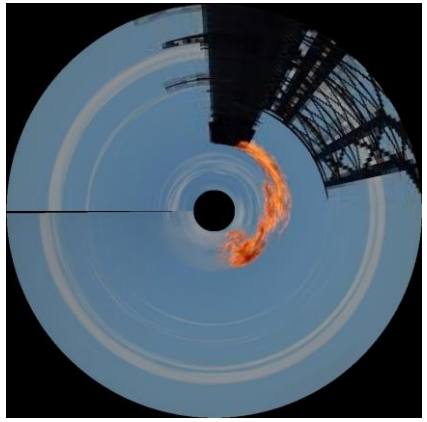
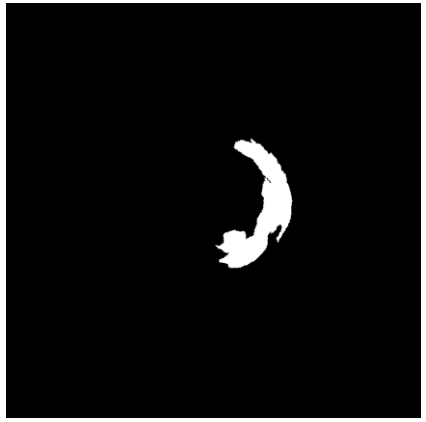
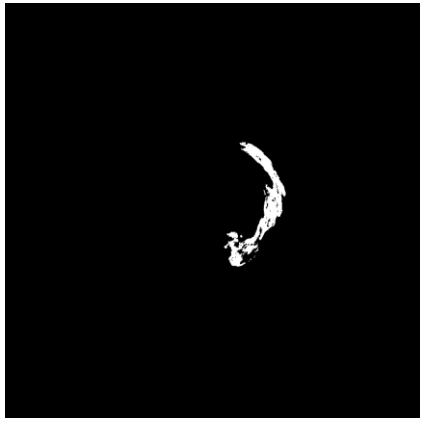
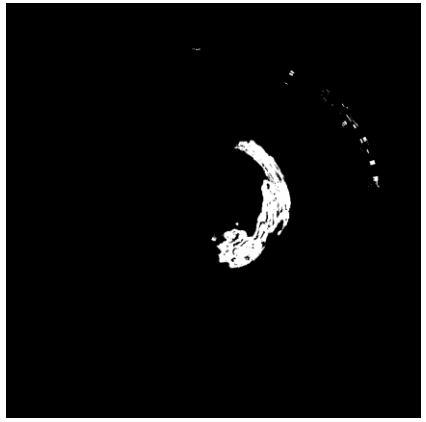
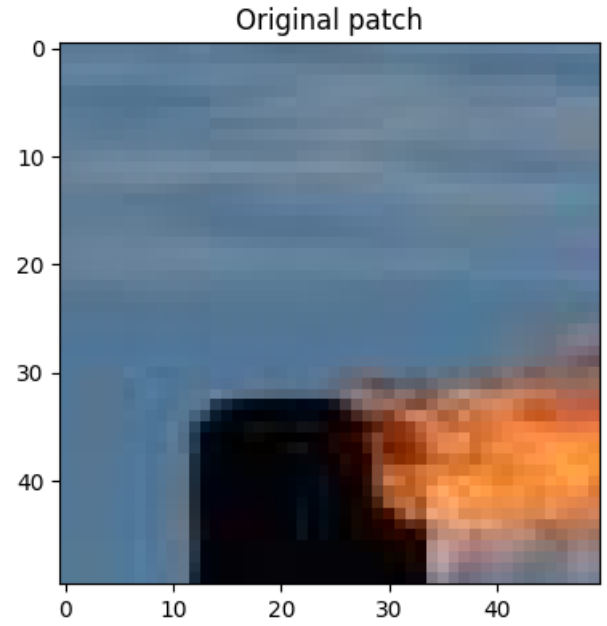
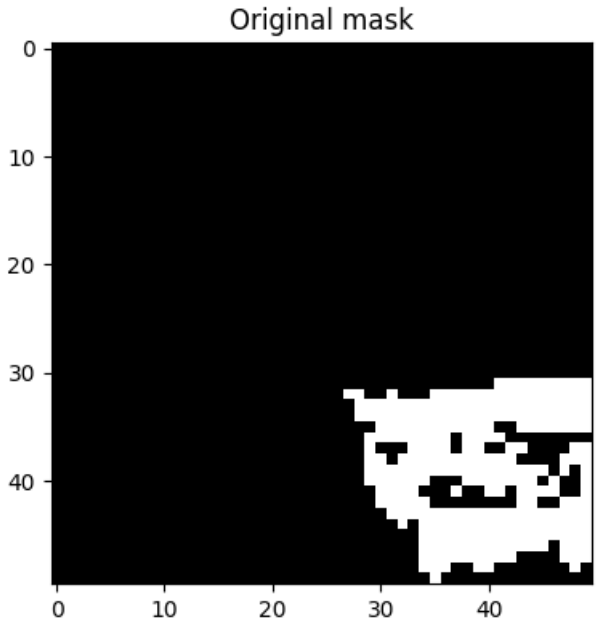
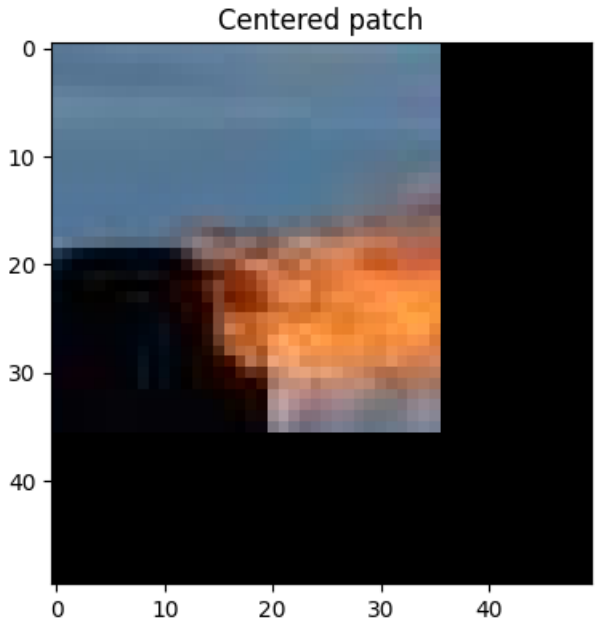
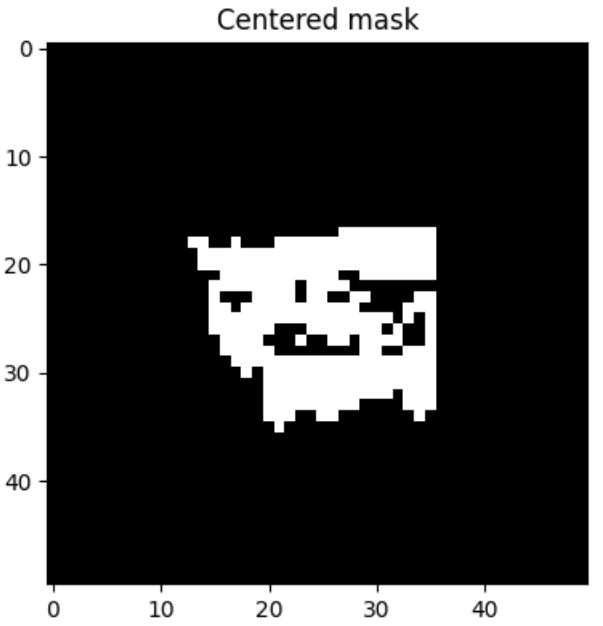
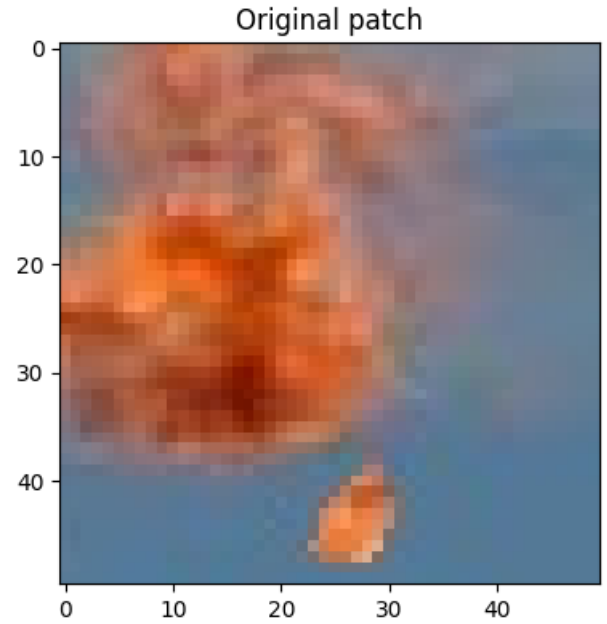
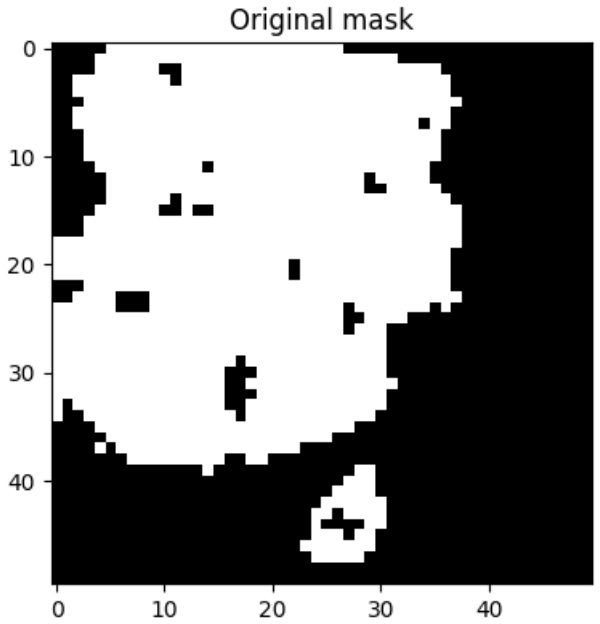
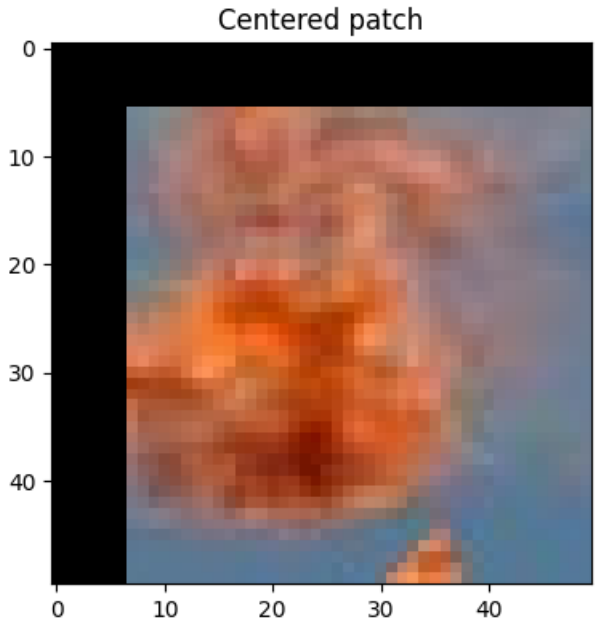
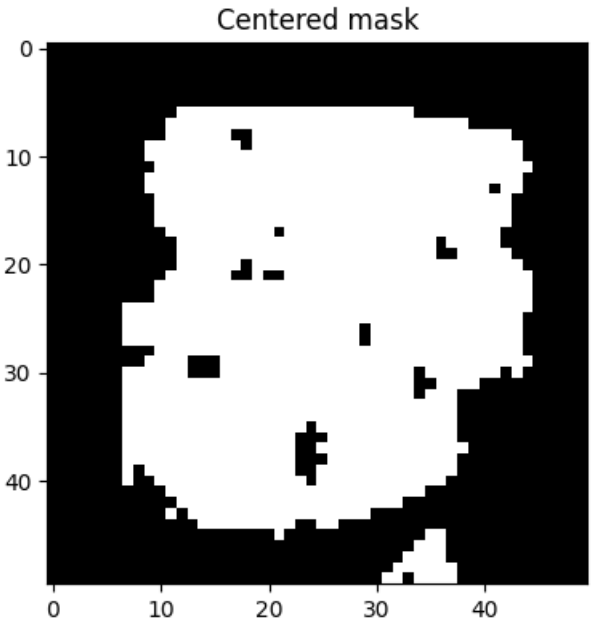





Image Centering after finding fire using GMM









Why simple translation does not work.