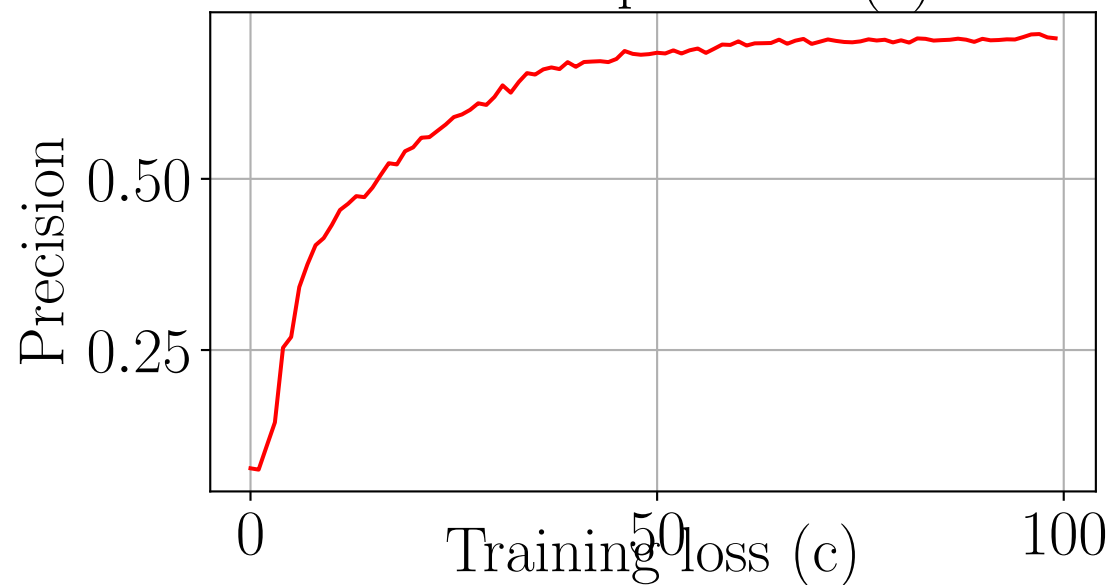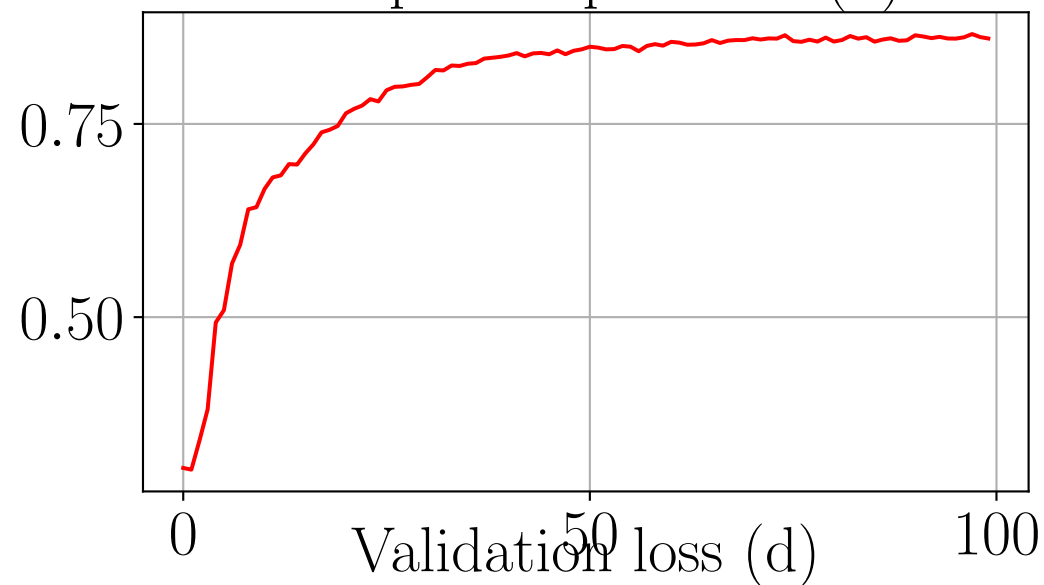Precision and loss using less data