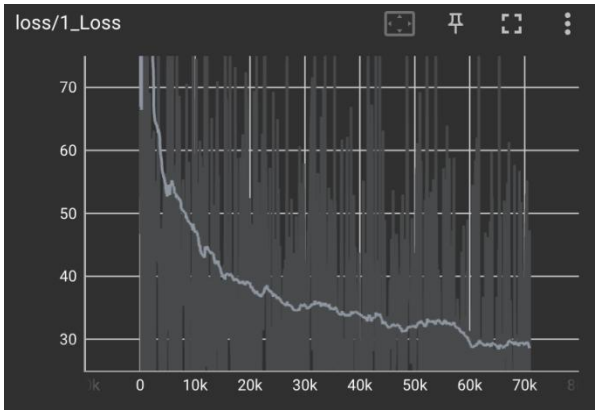
Training set: 5000 data sets

Test set: 1000 data sets

```python
class DRSRDataset(Data.Dataset):
    def __init__(self, path, scale, dataset_name, RGB2Y=False, test_flag=False):
        self.scale = scale
        self.path = path
        self.test_flag = test_flag
        if test_flag:
            self.DepthHR_files = sorted(get_img_file(path+'/DepthHR/'))[5000:6000]
            self.RGB_files = sorted(get_img_file(path+'/RGB/'))[5000:6000]
            self.DepthLR_files = sorted(get_img_file(path+'/DepthLrUp/'))[5000:6000]
        else:
            self.DepthHR_files = sorted(get_img_file(path+'/DepthHR/'))[:5000]
            self.RGB_files = sorted(get_img_file(path+'/RGB/'))[:5000]
            self.DepthLR_files = sorted(get_img_file(path+'/DepthLrUp/'))[:5000]
        self.RGB2Y = RGB2Y
        self.dataset_name = dataset_name
```

Training effect:

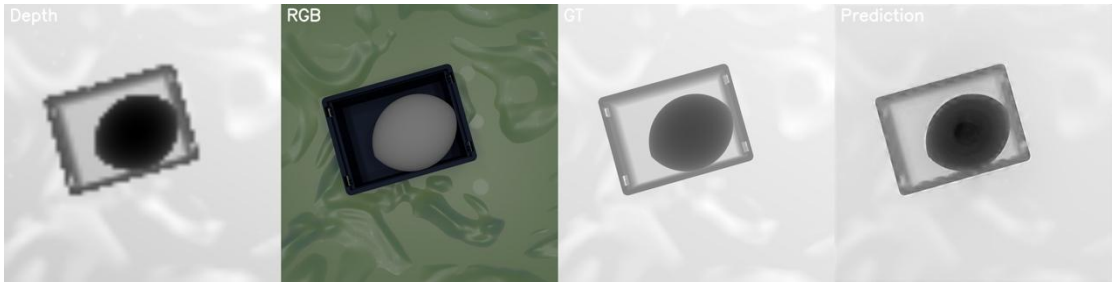
Training loss curves:

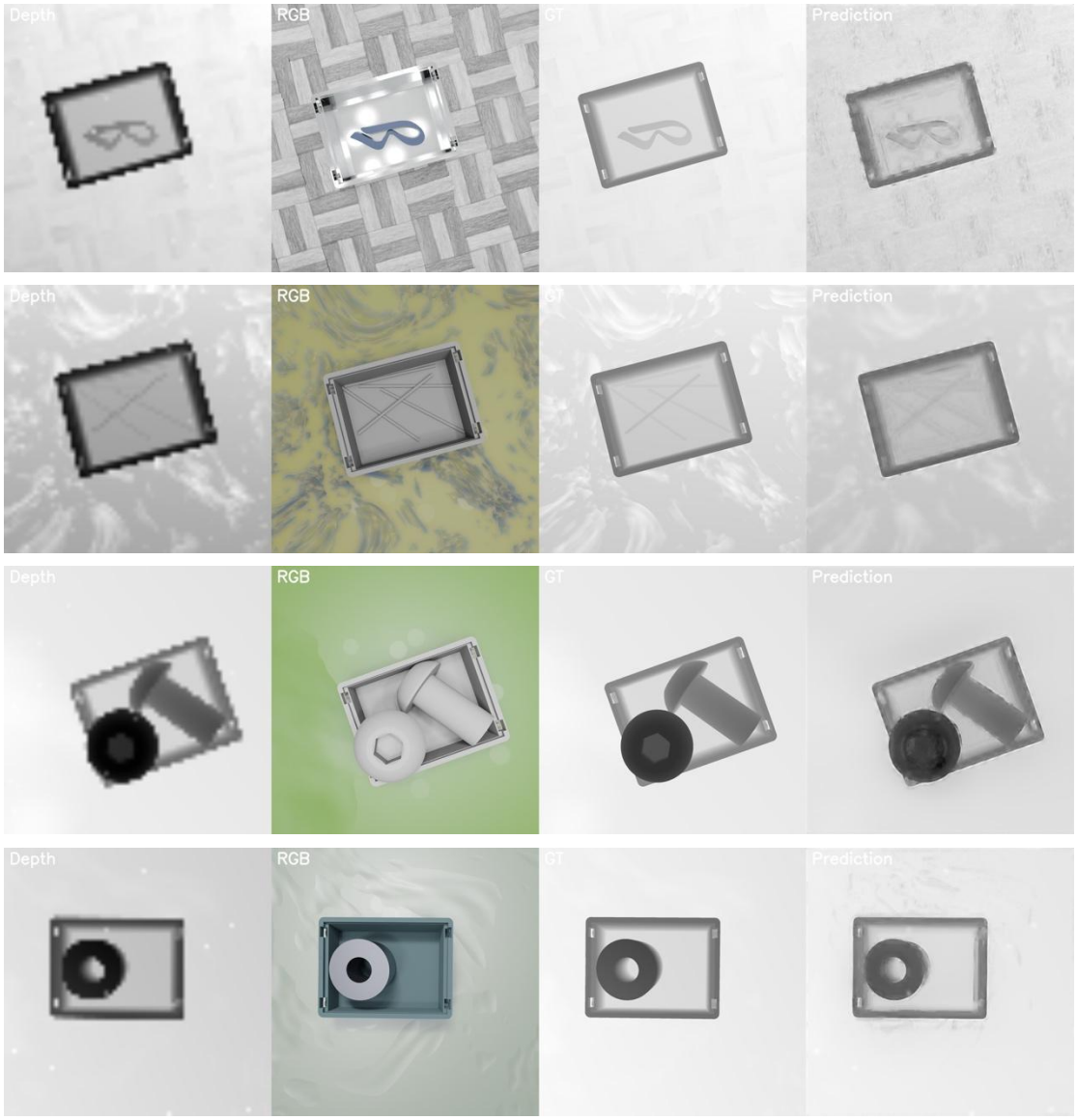


rmse on the test set:

```
1000it [00:33, 30.13it/s]
RMSE: 4.869820
```

Inference effects demonstration:



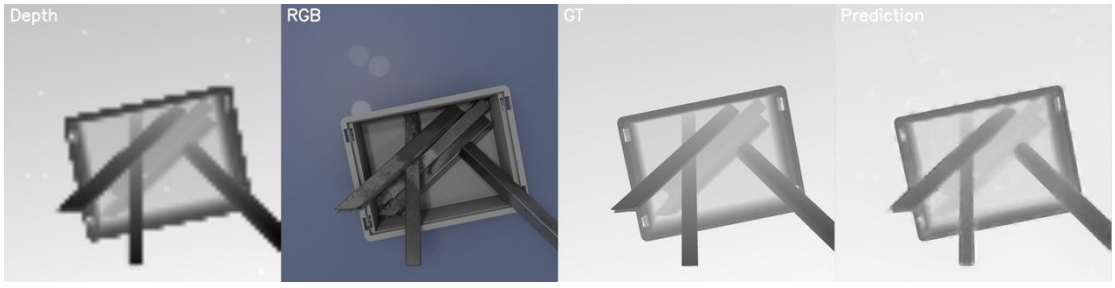


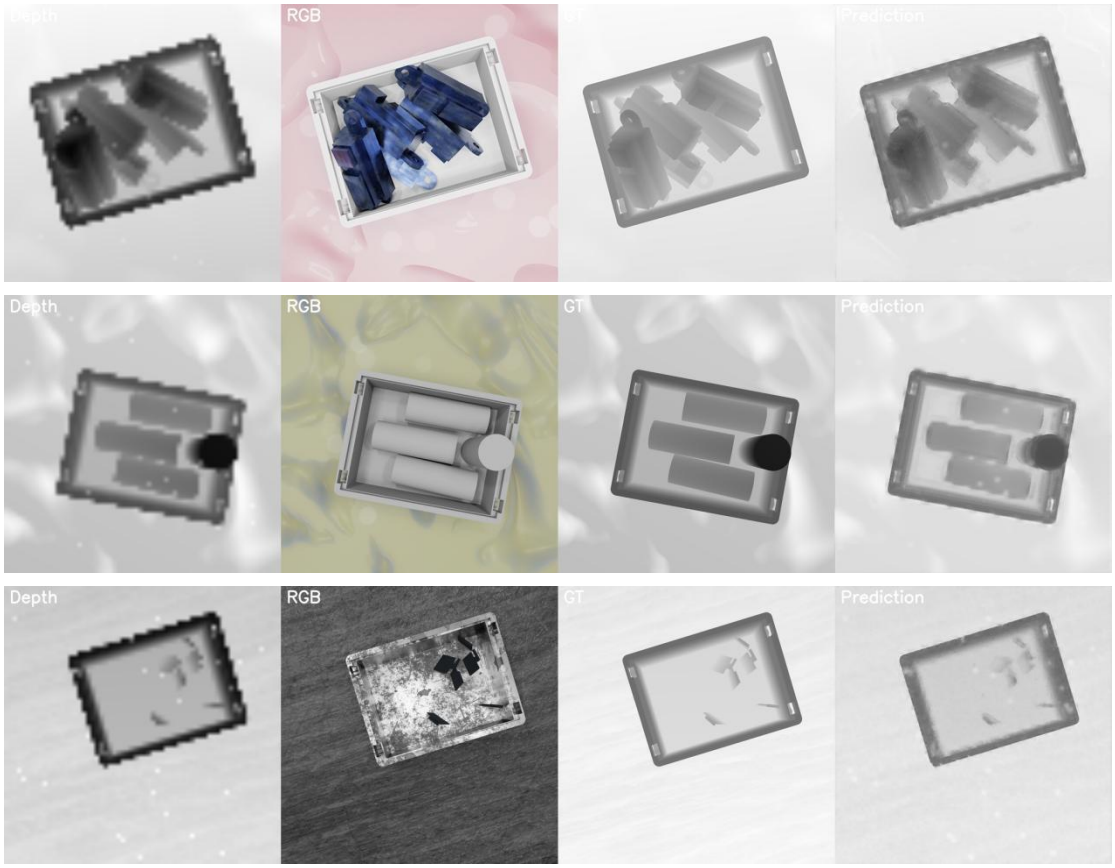
When the number of training sets reaches 8000:

Test set effect:

```
1000it [00:29, 33.72it/s]
RMSE: 4.775952
```

RMSE is slightly optimized, but the effect is not significant.




Depth
RGB
GT
Prediction
Depth
RGB
GT
Prediction
Depth
RGB
GT
Prediction