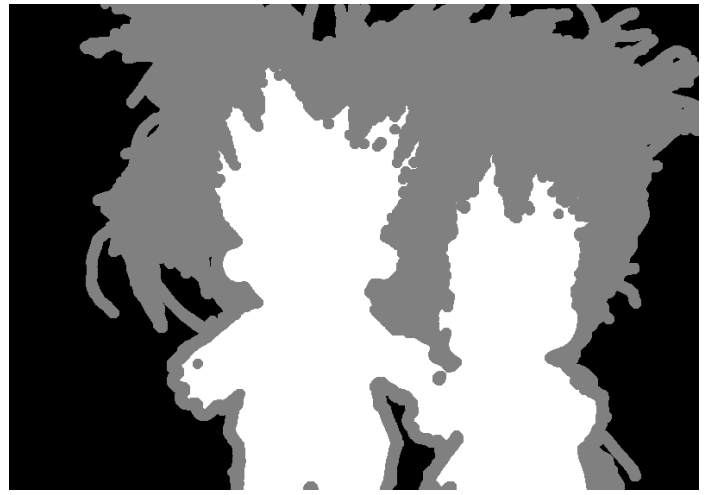(a) Input image

(b) Trimap

(c) Binary classification

(d) Final alpha matte

Figure 1: Examples obtained by our method (Figure 1 in paper)

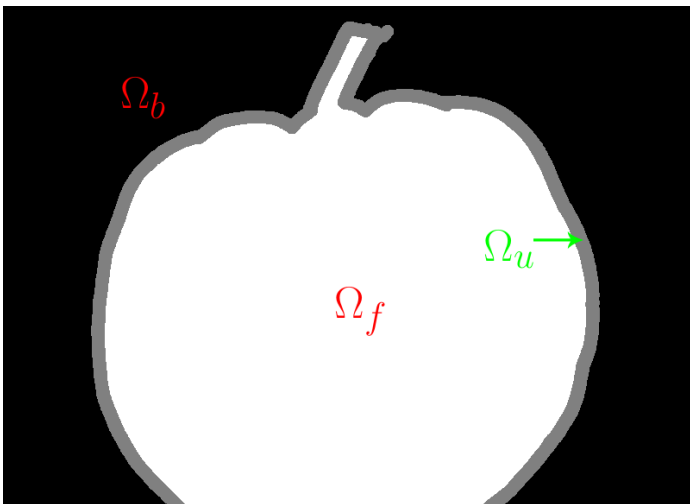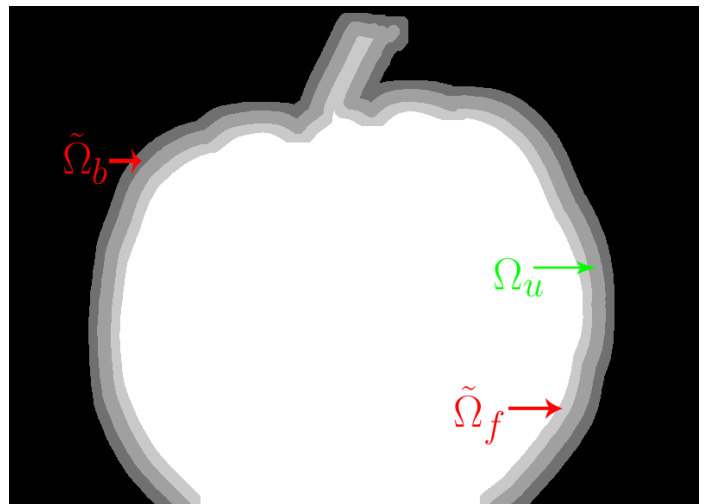(a) Input image

(b) Trimap

(c) Binary classification

(d) Final alpha matte

Figure 2: Examples obtained by our method (Figure 1 in paper)

(a) Trimap

(b) Training data

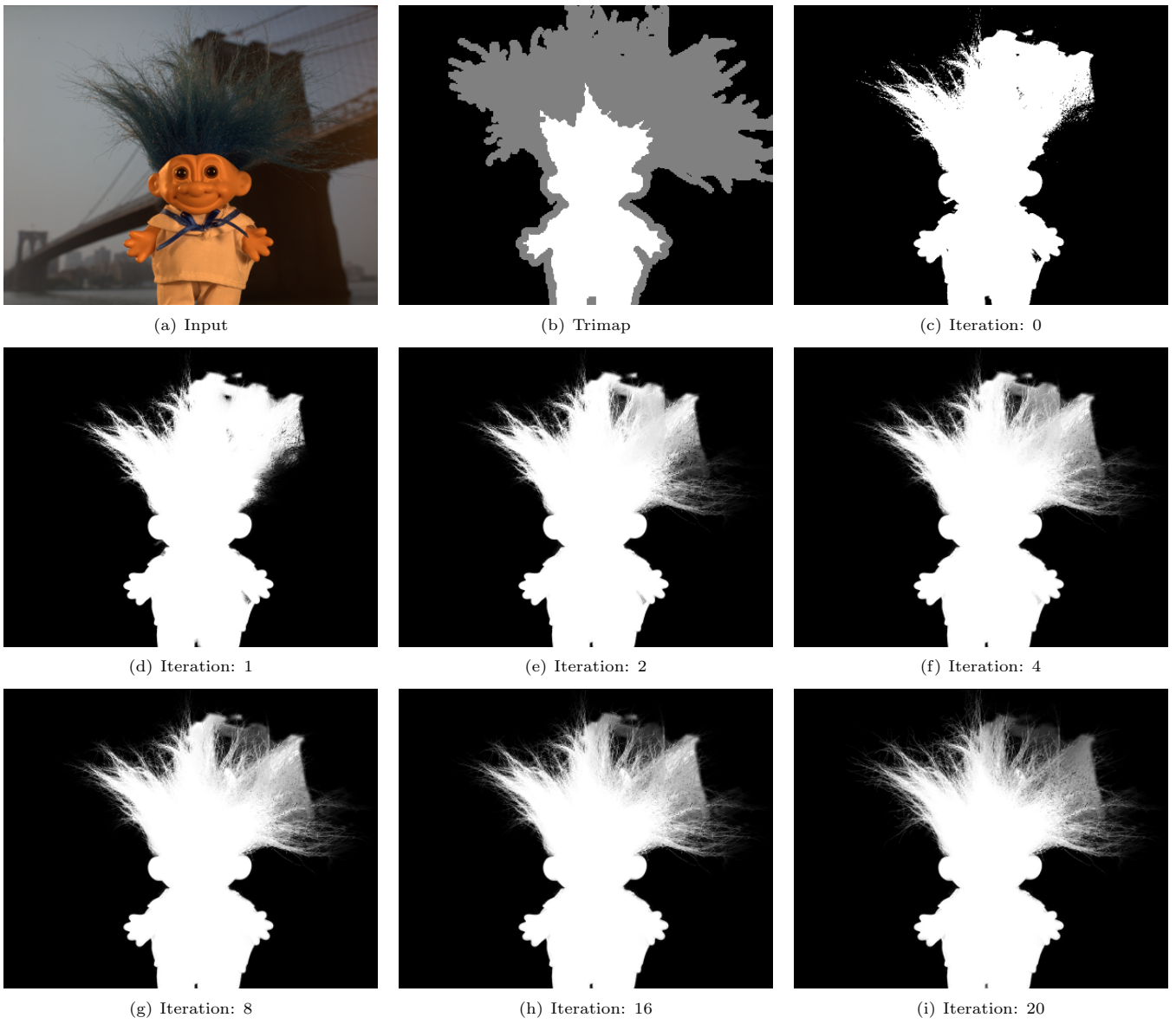Figure 3: Training data selected on a trimap. (Figure 2 in paper)

(a) Input   (b) Trimap   (c) Iteration: 0

(d) Iteration: 1   (e) Iteration: 2   (f) Iteration: 4

(g) Iteration: 8   (h) Iteration: 16   (i) Iteration: 20

Figure 4: Iterative refinement of "Troll". (c) is the classification result, (d)–(i) are the refinement results. (Figure 3 in paper)
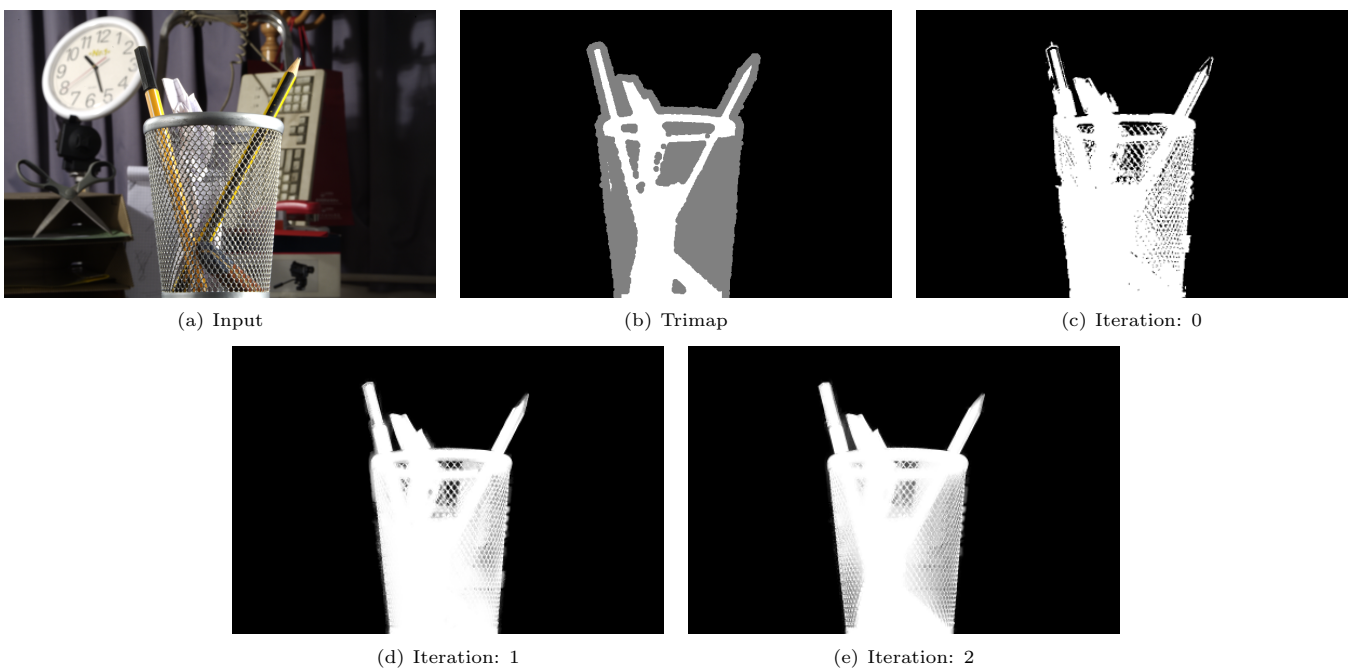

(a) Input   (b) Trimap   (c) Iteration: 0

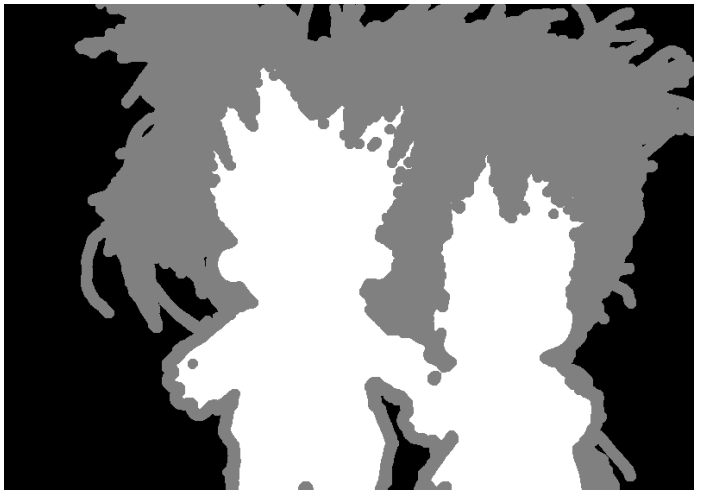(d) Iteration: 1   (e) Iteration: 2

Figure 5: Iterative refinement of "GT25". (c) is the classification result, (d)–(e) are the refinement results. (Figure 4 in paper)
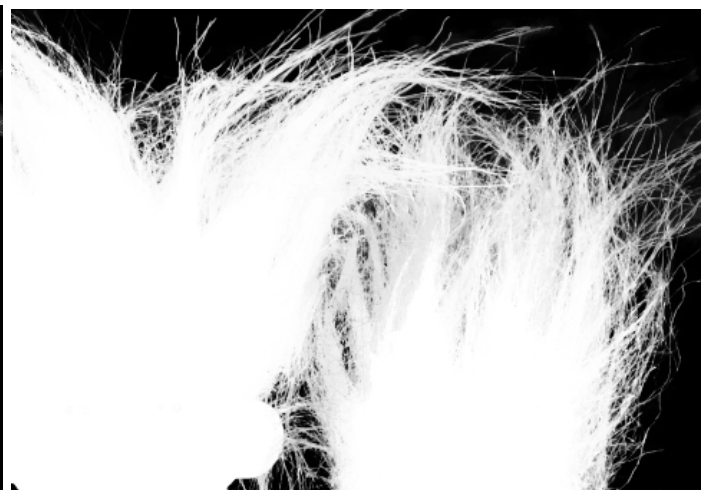
(a) Input and trimap

(b) CF

(c) LB

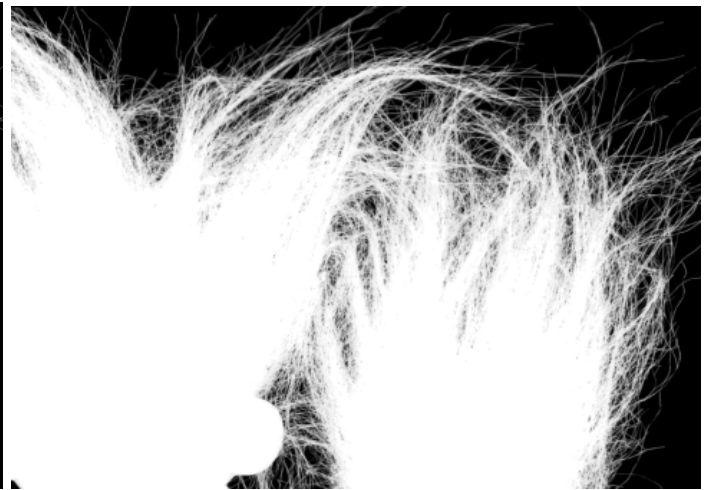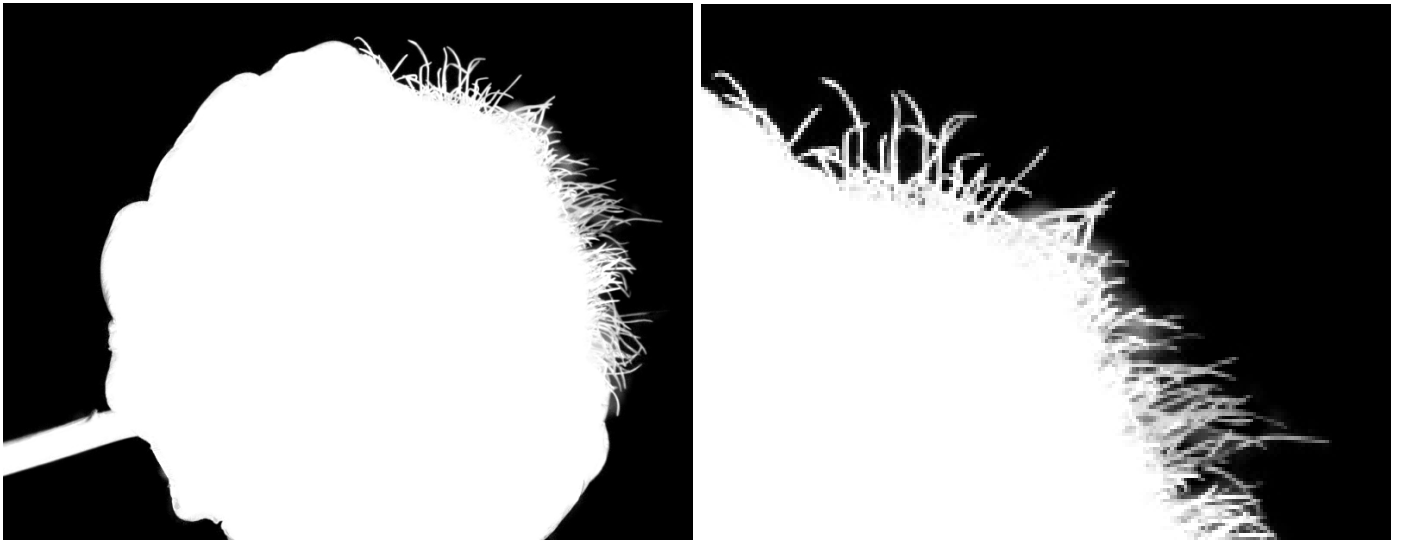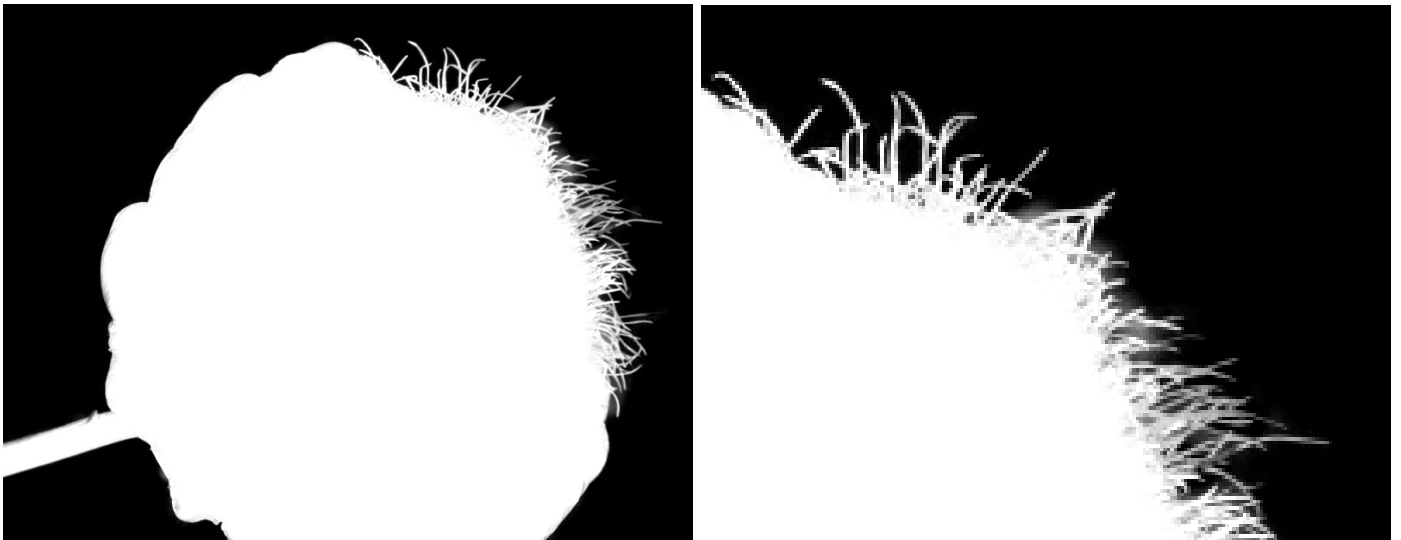(d) KNN

(e) Ours

(f) Ground truth

Figure 6: Alpha mattes for "GT04" image. (Figure 8 in paper)
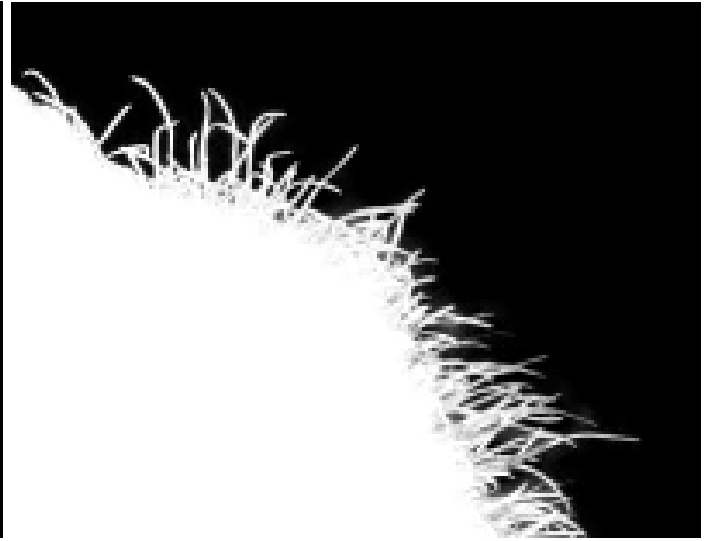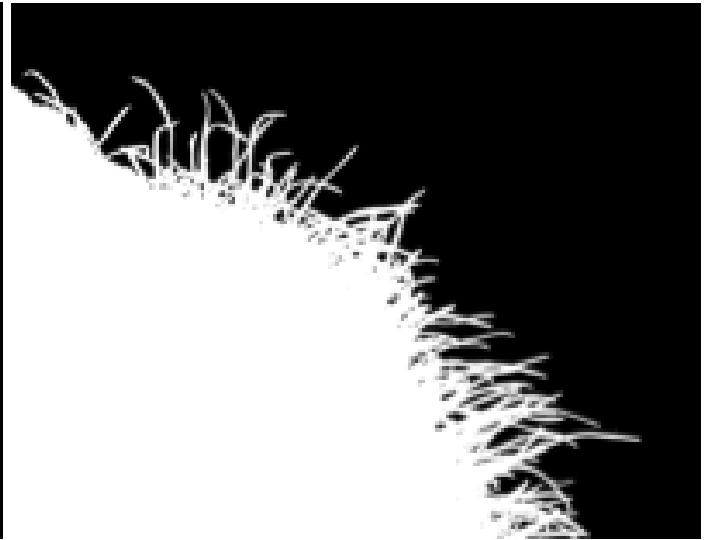
(a) Input and trimap

(b) CF

(c) LB

(d) KNN

(e) Ours

(f) Ground truth

Figure 7: Alpha mattes for "GT11" image. (Figure 9 in paper)

(a) Input
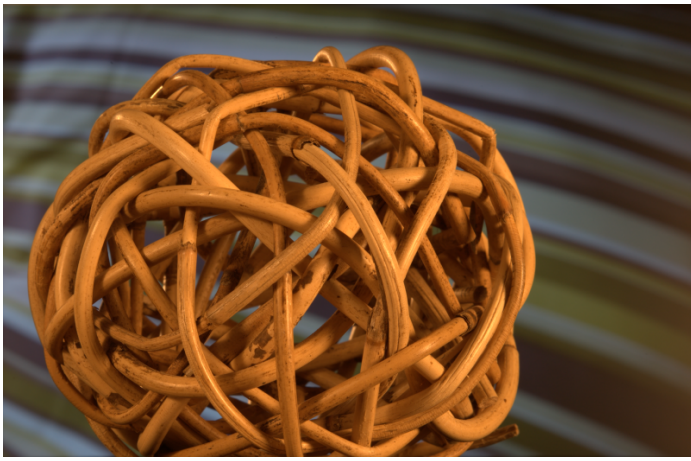
(b) Trimap

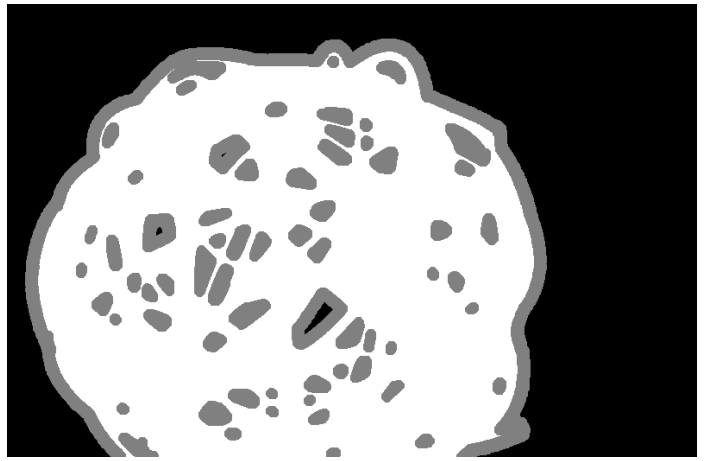(c) CF

(d) LB

(e) KNN

(f) Ours

(g) Ground Truth

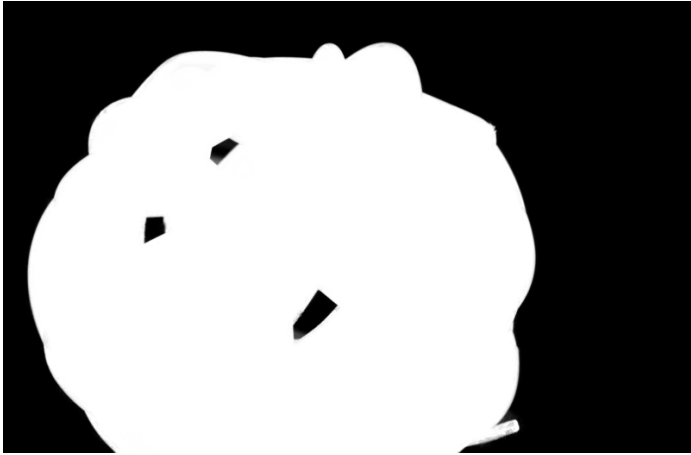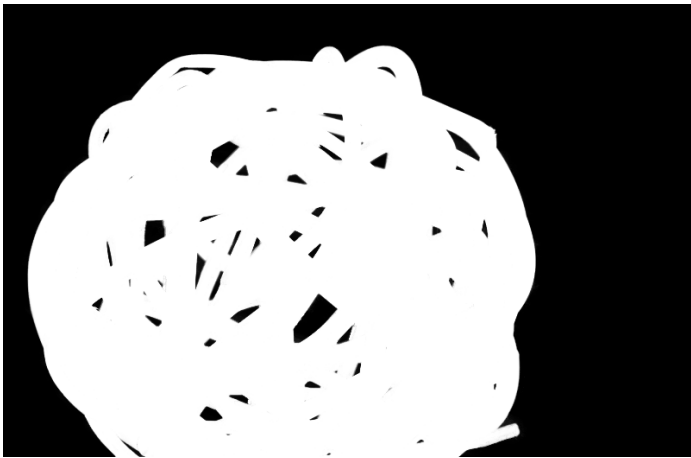Figure 8: Alpha mattes of GT01 (Figure 10 in paper)
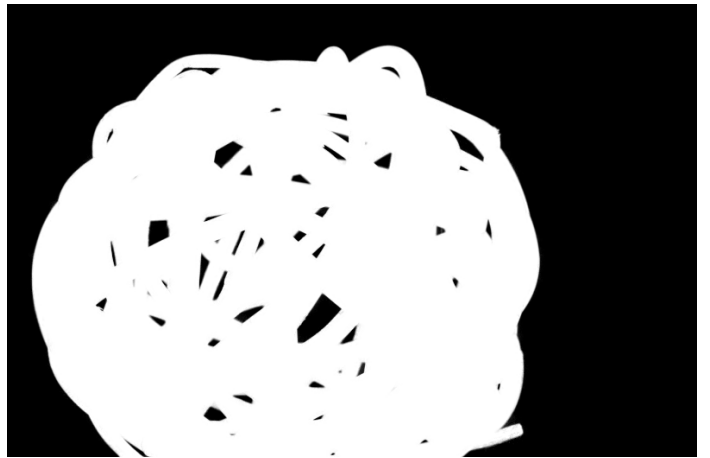
(a) Input

(b) Trimap

(c) CF

(d) LB

(e) KNN

(f) Ours

(g) Ground Truth

Figure 9: Alpha mattes of GT02 (Figure 10 in paper)
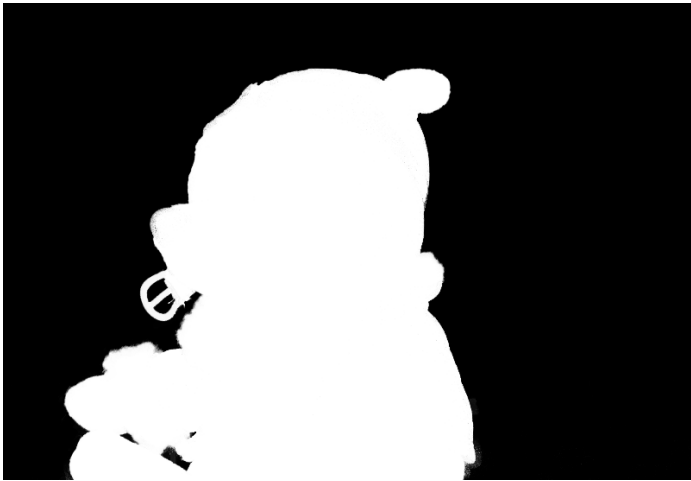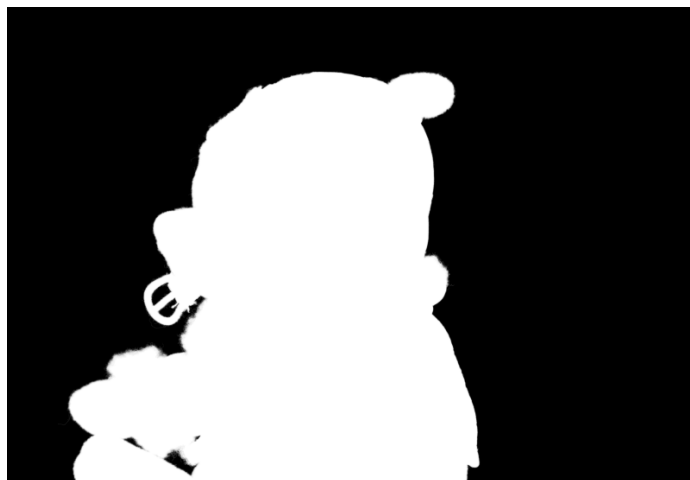
(a) Input

(b) Trimap

(c) CF

(d) LB

(e) KNN

(f) Ours

(g) Ground Truth

Figure 10: Alpha mattes of GT05 (Figure 10 in paper)

(a) Input

(b) Trimap

(c) CF

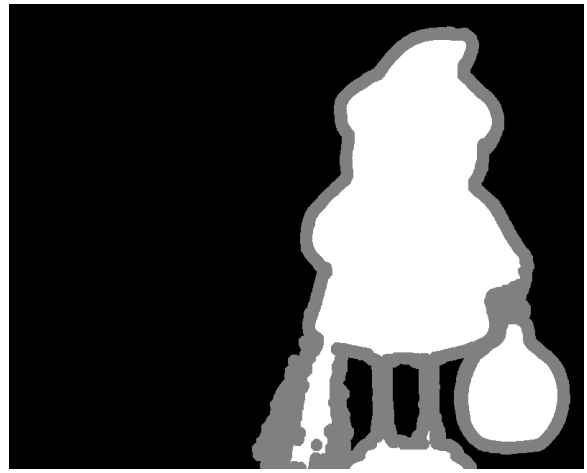(d) LB

(e) KNN

(f) Ours

(g) Ground Truth

Figure 11: Alpha mattes of GT07 (Figure 10 in paper)

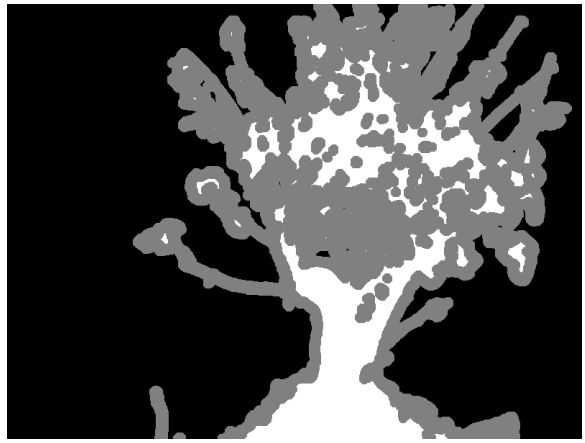(a) Input

(b) Trimap

(c) CF

(d) LB

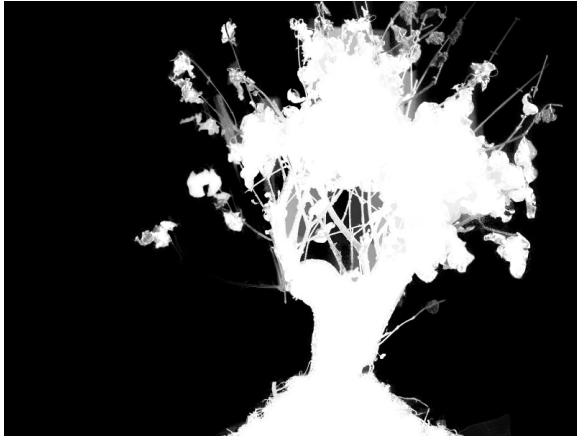(e) KNN

(f) Ours

(g) Ground Truth
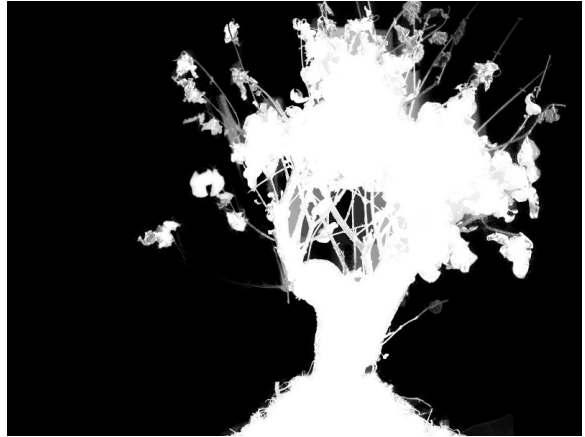
Figure 12: Alpha mattes of GT18 (Figure 10 in paper)

(a) Input

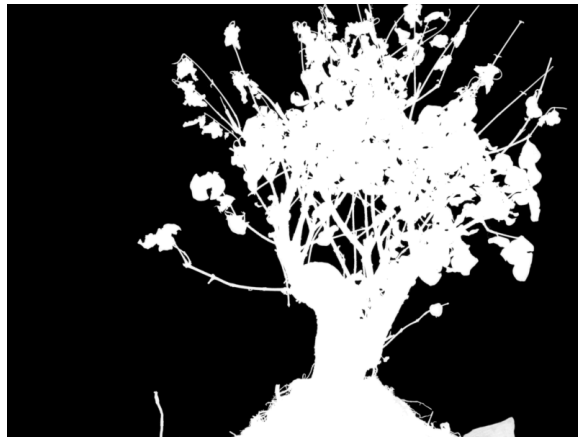
(b) Trimap

(c) CF

(d) LB

(e) KNN

(f) Ours

(g) Ground Truth

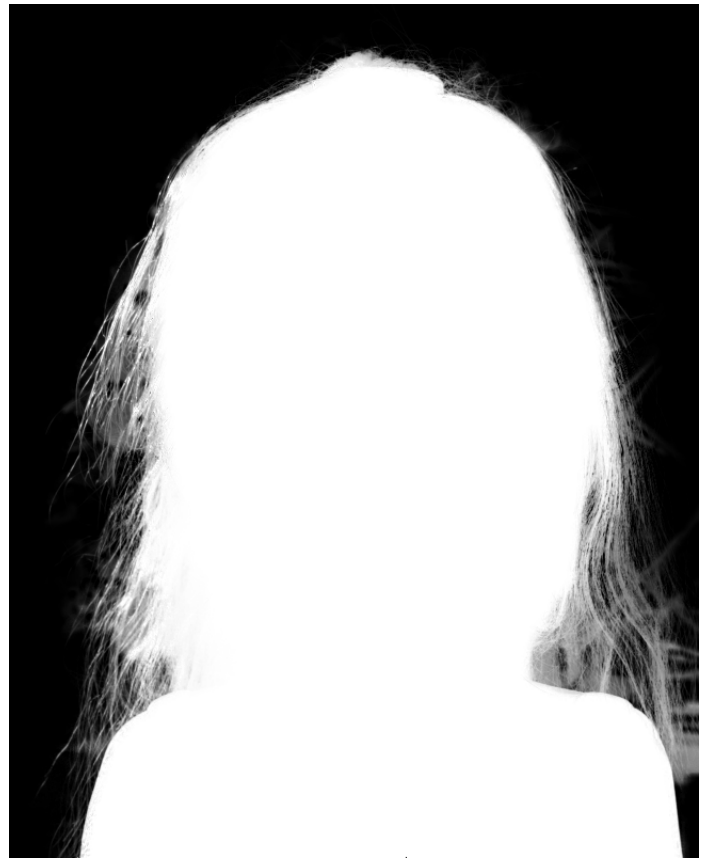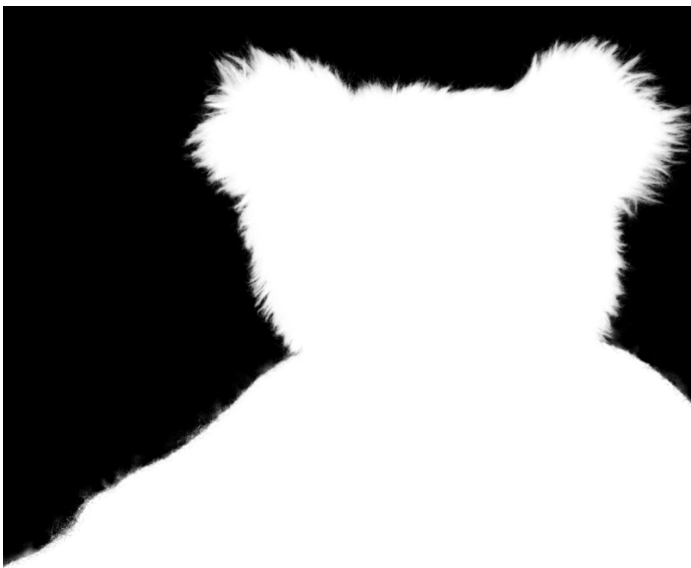Figure 13: Alpha mattes of GT26 (Figure 10 in paper)

(a) Input

(b) Trimap

(c) CF

(d) LB

(e) KNN

(f) Ours

(g) Ground Truth

Figure 14: Alpha mattes of GT08 (Figure 11 in paper)

(a) Input

(b) Trimap

(c) CF

(d) LB

(e) KNN

(f) Ours

(g) Ground Truth

Figure 15: Alpha mattes of GT17 (Figure 11 in paper)
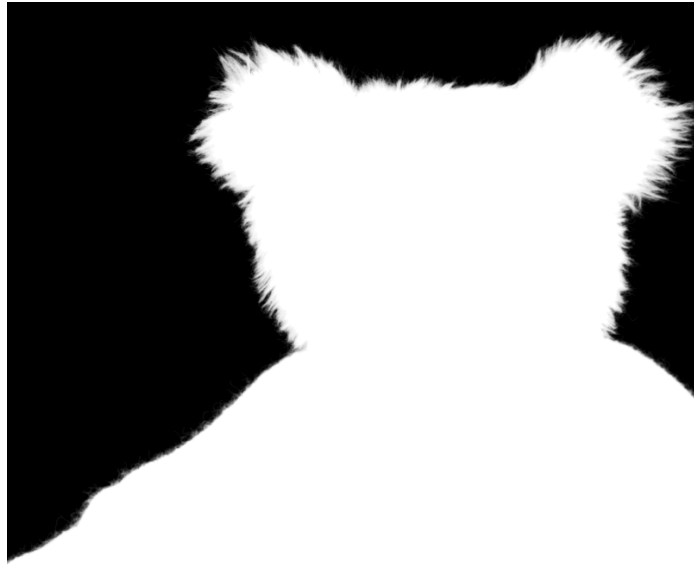
(a) Input
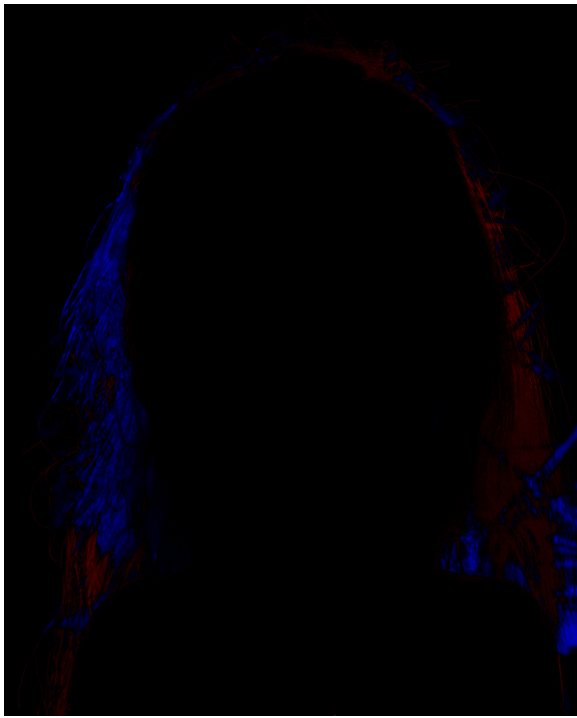
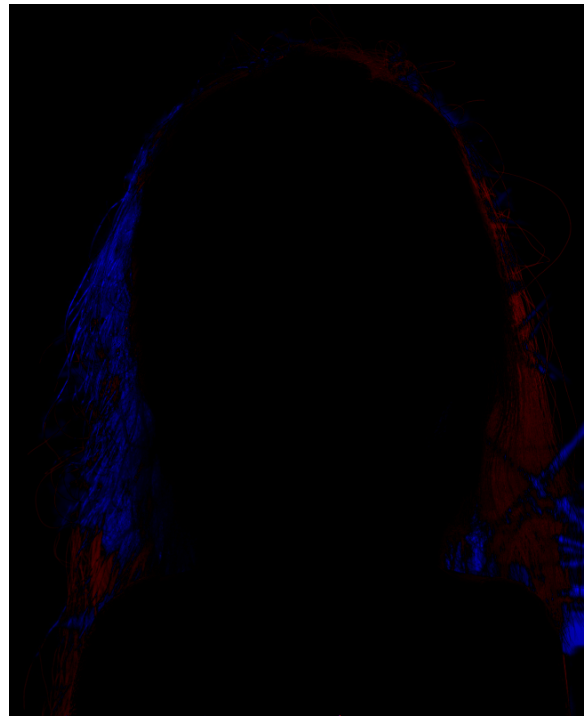(b) Trimap

(c) CF

(d) LB

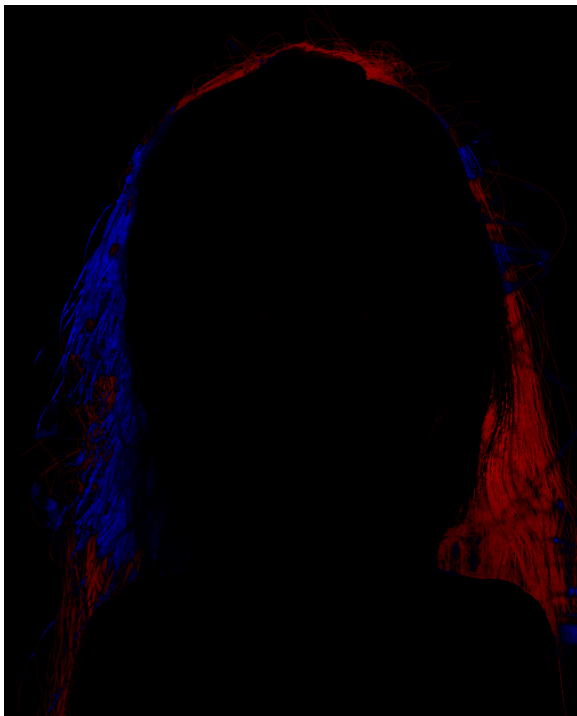(e) KNN

(f) Ours

(g) Ground Truth

Figure 16: Alpha mattes of GT23 (Figure 11 in paper)
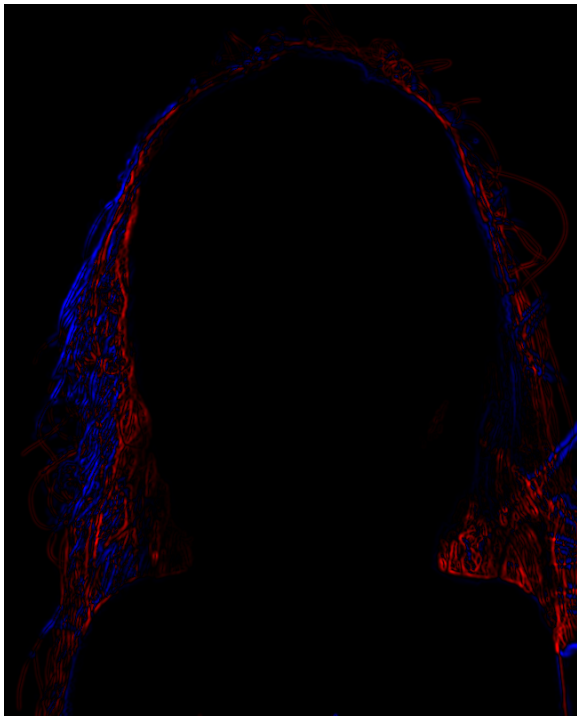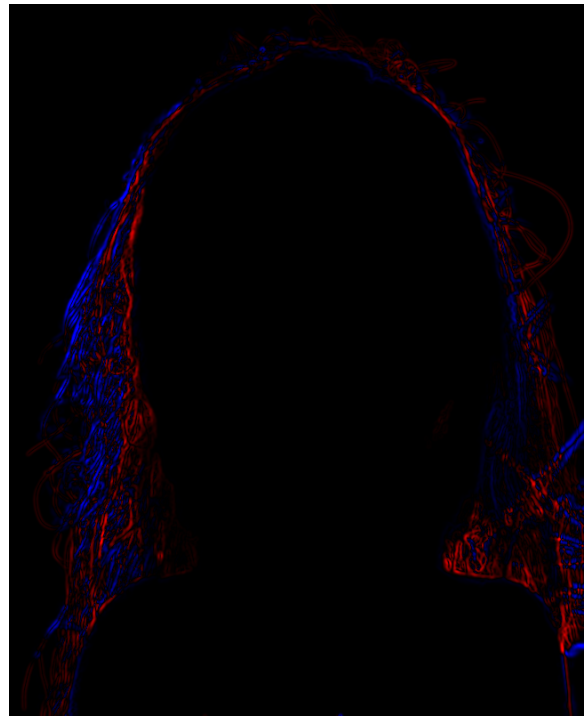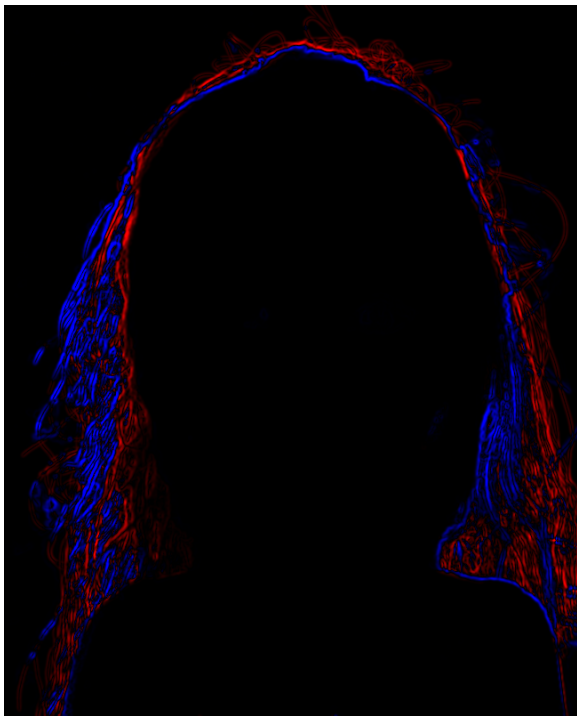
(a) CF

(b) LB

(c) KNN

(d) Ours

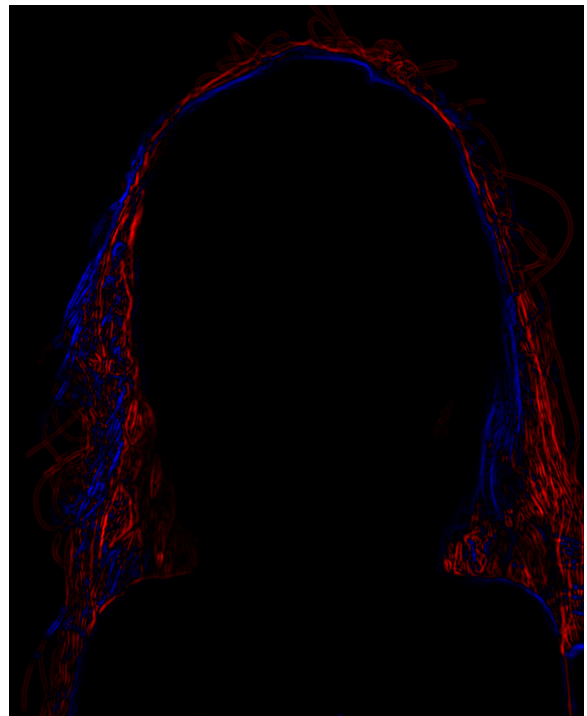Figure 17: Error maps for GT08 (top maps of Figure 12 in paper)
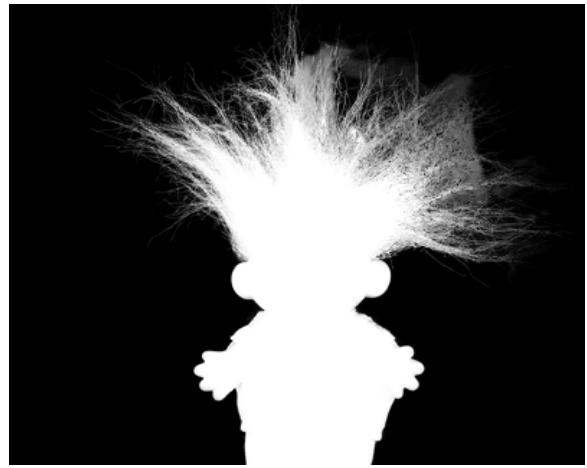
(a) CF
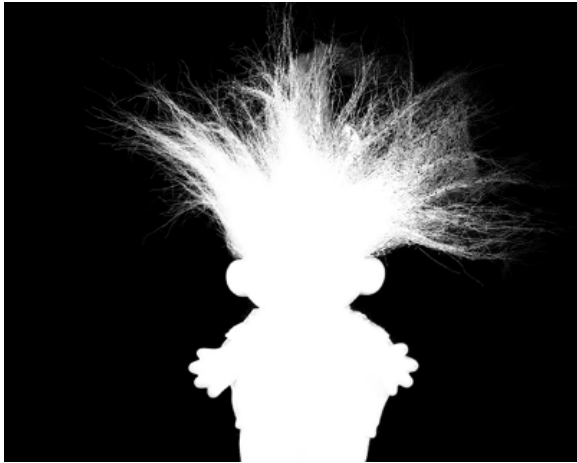
(b) LB

(c) KNN

(d) Ours

Figure 18: Error maps for GT08 (bottom maps of Figure 12 in paper)
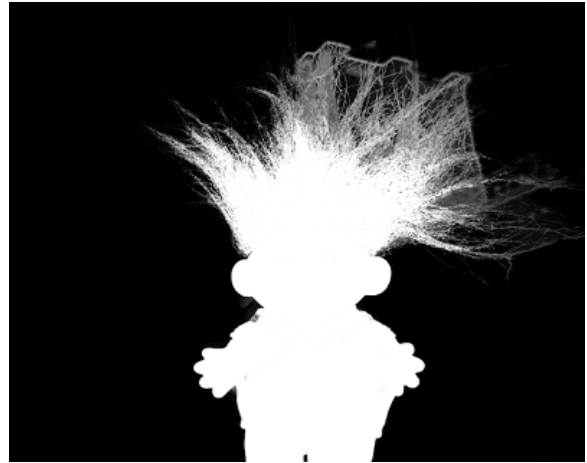
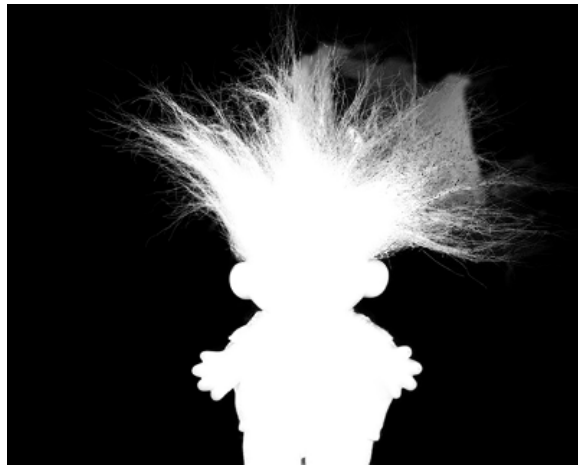(a) Trimap

(b) CF

(c) LB

(d) KNN

(e) SVR

(f) LNSP

(g) CCM

(h) CS

(i) Ours

Figure 19: Alpha mattes for "Troll" image. (Figure 13 in paper)

(a) Trimap

(b) Alpha matte

Figure 20: An alpha matte for "Troll" image by our method using a different trimap. (Figure 14 in paper)