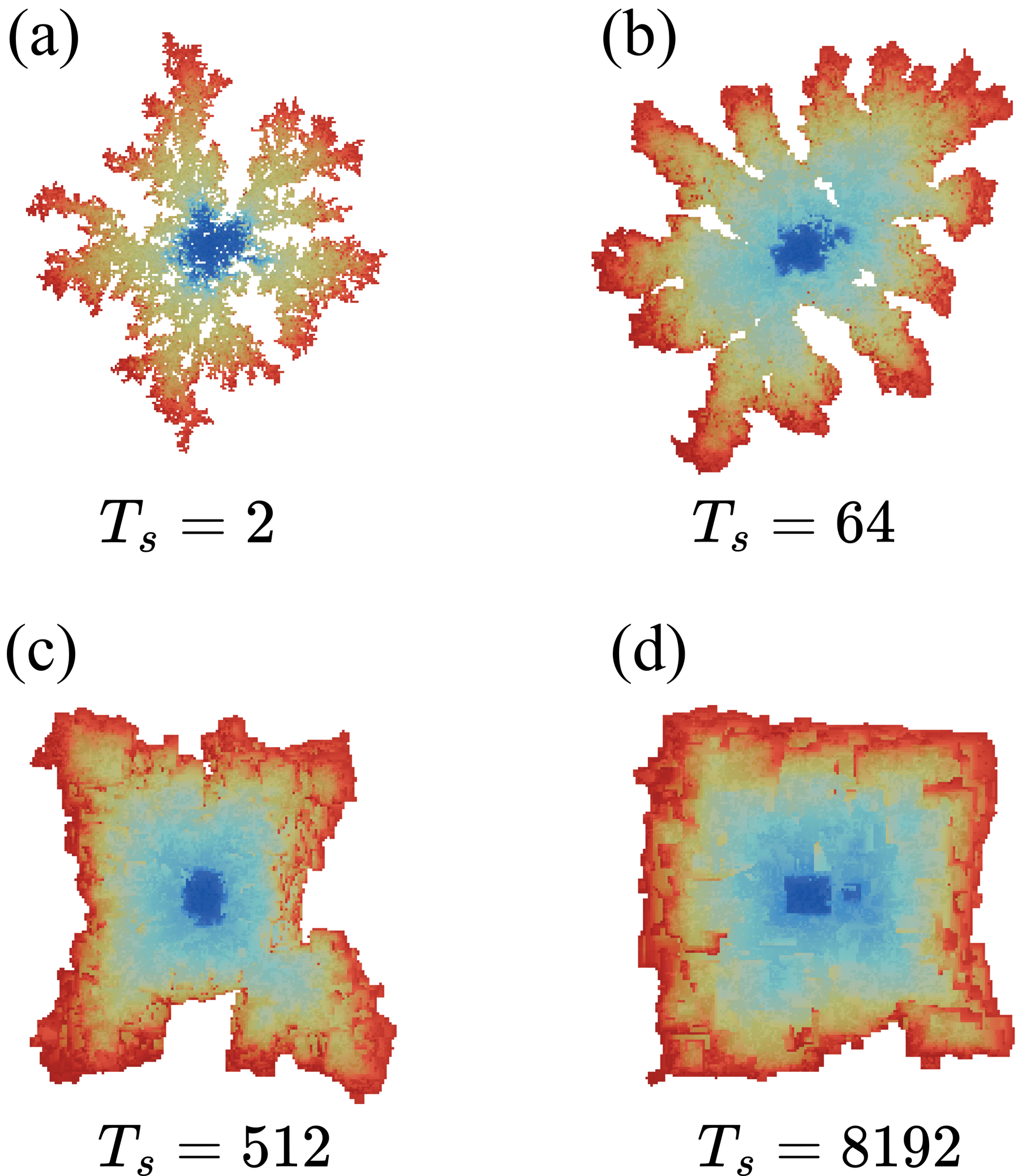
(a)
$T_s = 2$
(b)
$T_s = 64$
(c)
$T_s = 512$
(d)
$T_s = 8192$