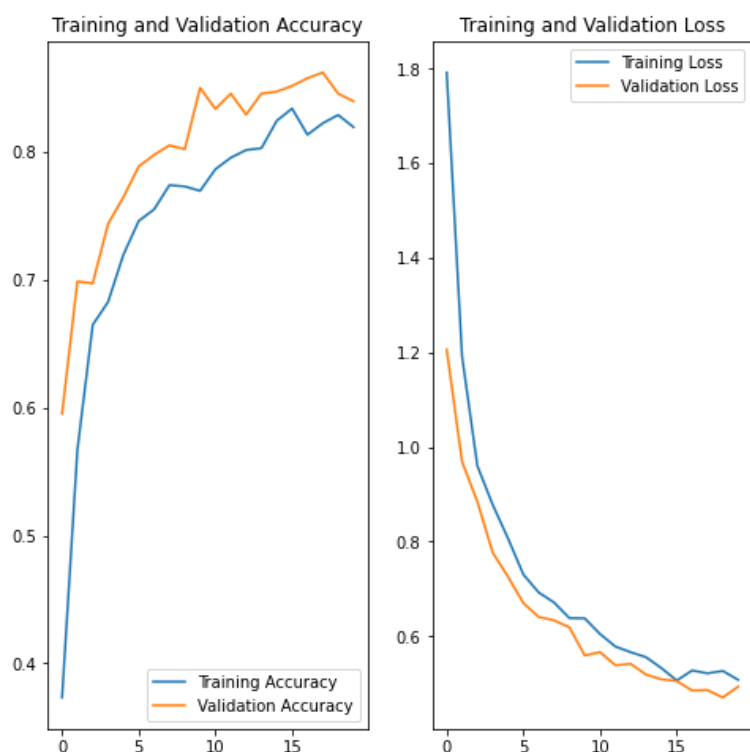


ResNet50V2

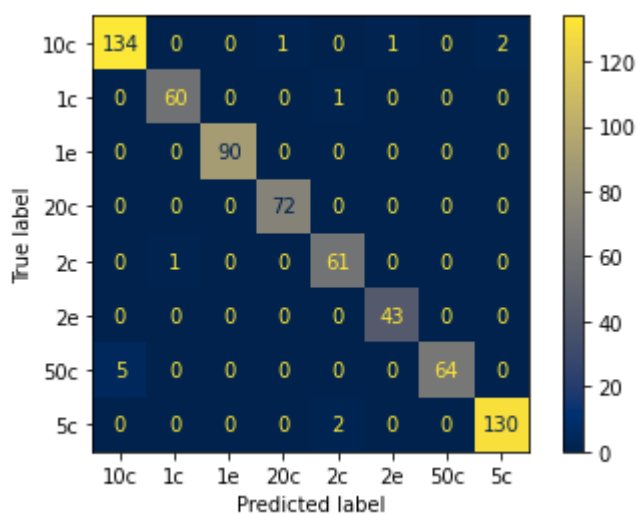
val_loss: 0.07996715605258942

val_acc: 0.9805097579956055

Entrenamiento de la capa final, 20 épocas



Entrenamiento de toda la red, 70 épocas



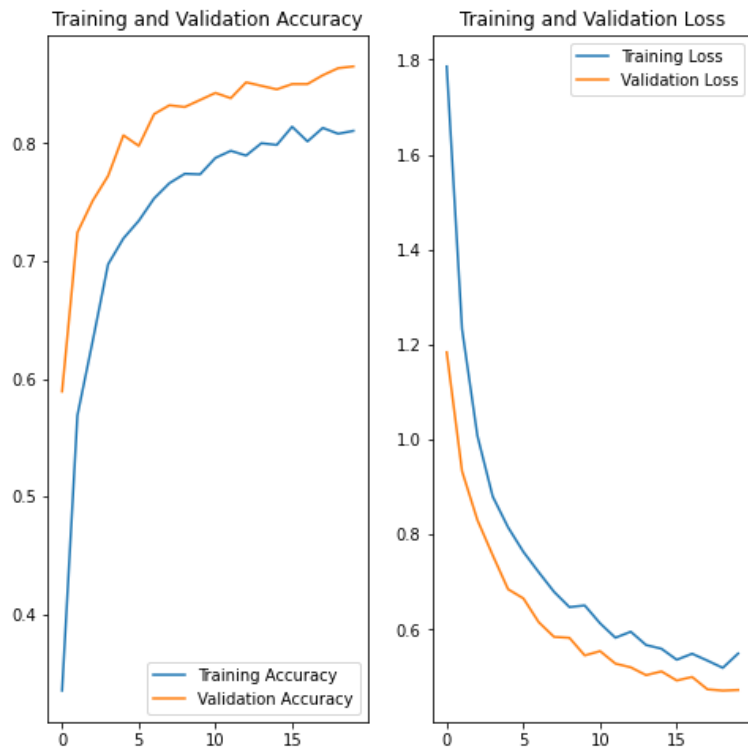
	precision	recall	f1-score	support
10c	0.96	0.97	0.97	138
1c	0.98	0.98	0.98	61
1e	1.00	1.00	1.00	90
20c	0.99	1.00	0.99	72
2c	0.95	0.98	0.97	62
2e	0.98	1.00	0.99	43
50c	1.00	0.93	0.96	69
5c	0.98	0.98	0.98	132
accuracy			0.98	667
macro avg	0.98	0.98	0.98	667
weighted avg	0.98	0.98	0.98	667

ResNet101V2

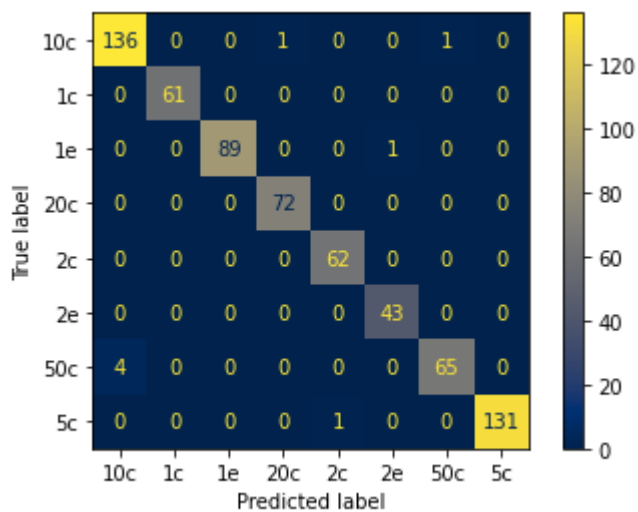
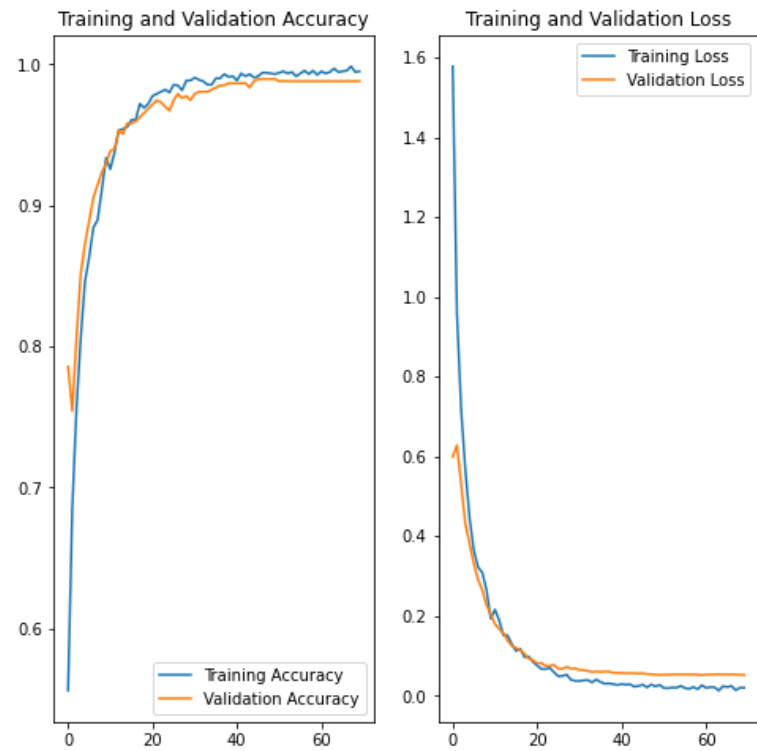
val_loss: 0.05181284248828888

val_acc: 0.9880059957504272

Entrenamiento de la capa final, 20 épocas



Entrenamiento de toda la red, 70 épocas



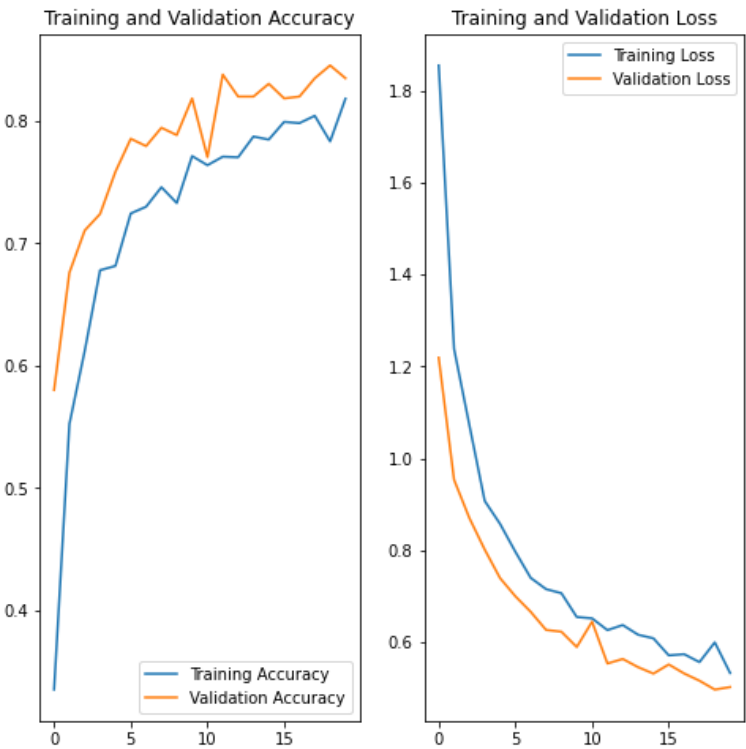
	precision	recall	f1-score	support
10c	0.97	0.99	0.98	138
1c	1.00	1.00	1.00	61
1e	1.00	0.99	0.99	90
20c	0.99	1.00	0.99	72
2c	0.98	1.00	0.99	62
2e	0.98	1.00	0.99	43
50c	0.98	0.94	0.96	69
5c	1.00	0.99	1.00	132
accuracy			0.99	667
macro avg	0.99	0.99	0.99	667
weighted avg	0.99	0.99	0.99	667

ResNet152V2

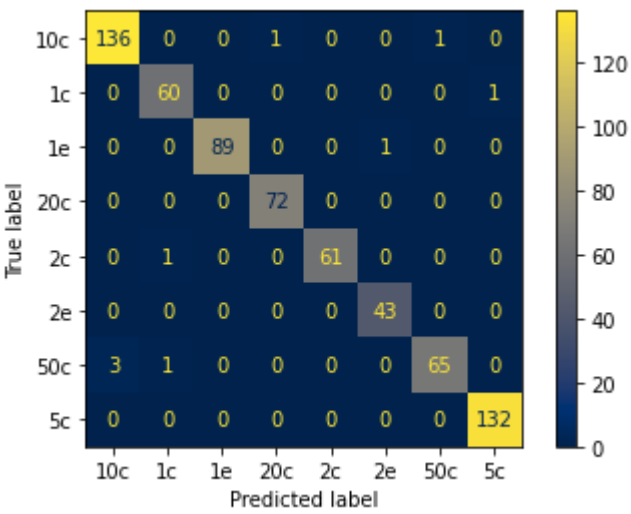
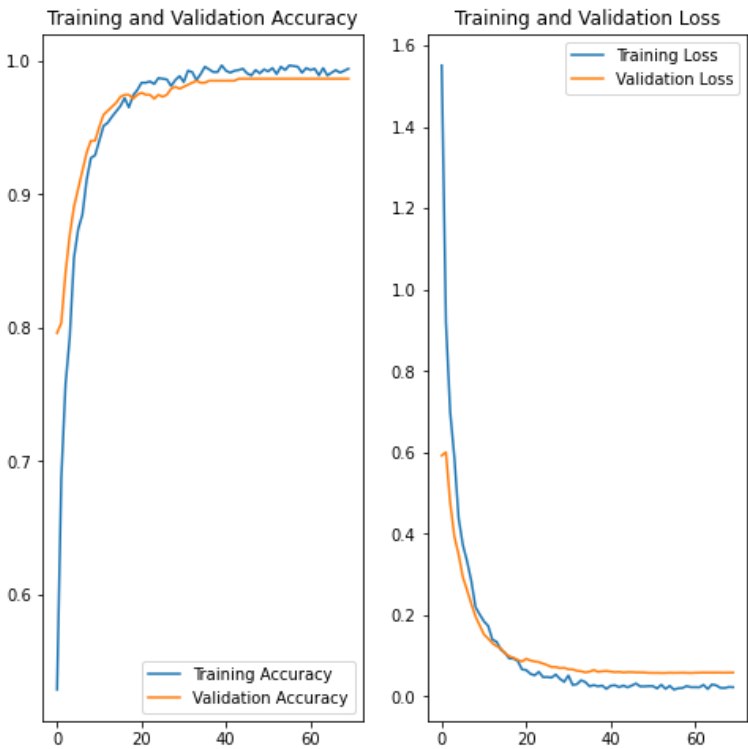
val_loss: 0.05776140093803406

val_acc: 0.9865067601203918

Entrenamiento de la capa final, 20 épocas



Entrenamiento de toda la red, 70 épocas



	precision	recall	f1-score	support
10c	0.98	0.99	0.98	138
1c	0.97	0.98	0.98	61
1e	1.00	0.99	0.99	90
20c	0.99	1.00	0.99	72
2c	1.00	0.98	0.99	62
2e	0.98	1.00	0.99	43
50c	0.98	0.94	0.96	69
5c	0.99	1.00	1.00	132
accuracy			0.99	667
macro avg	0.99	0.99	0.99	667
weighted avg	0.99	0.99	0.99	667

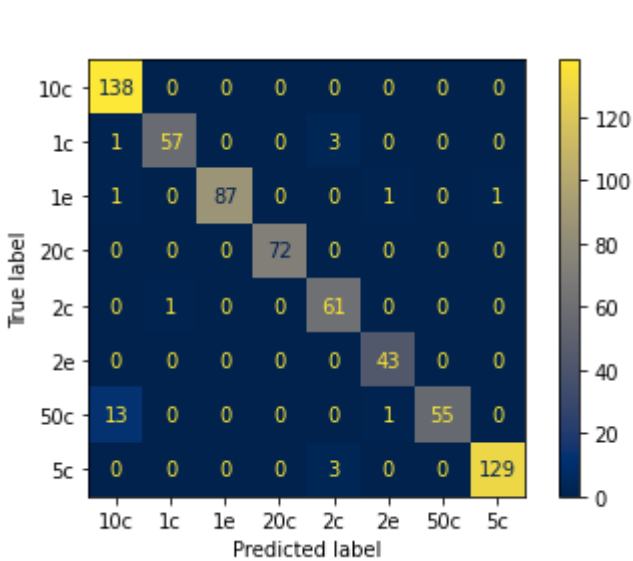
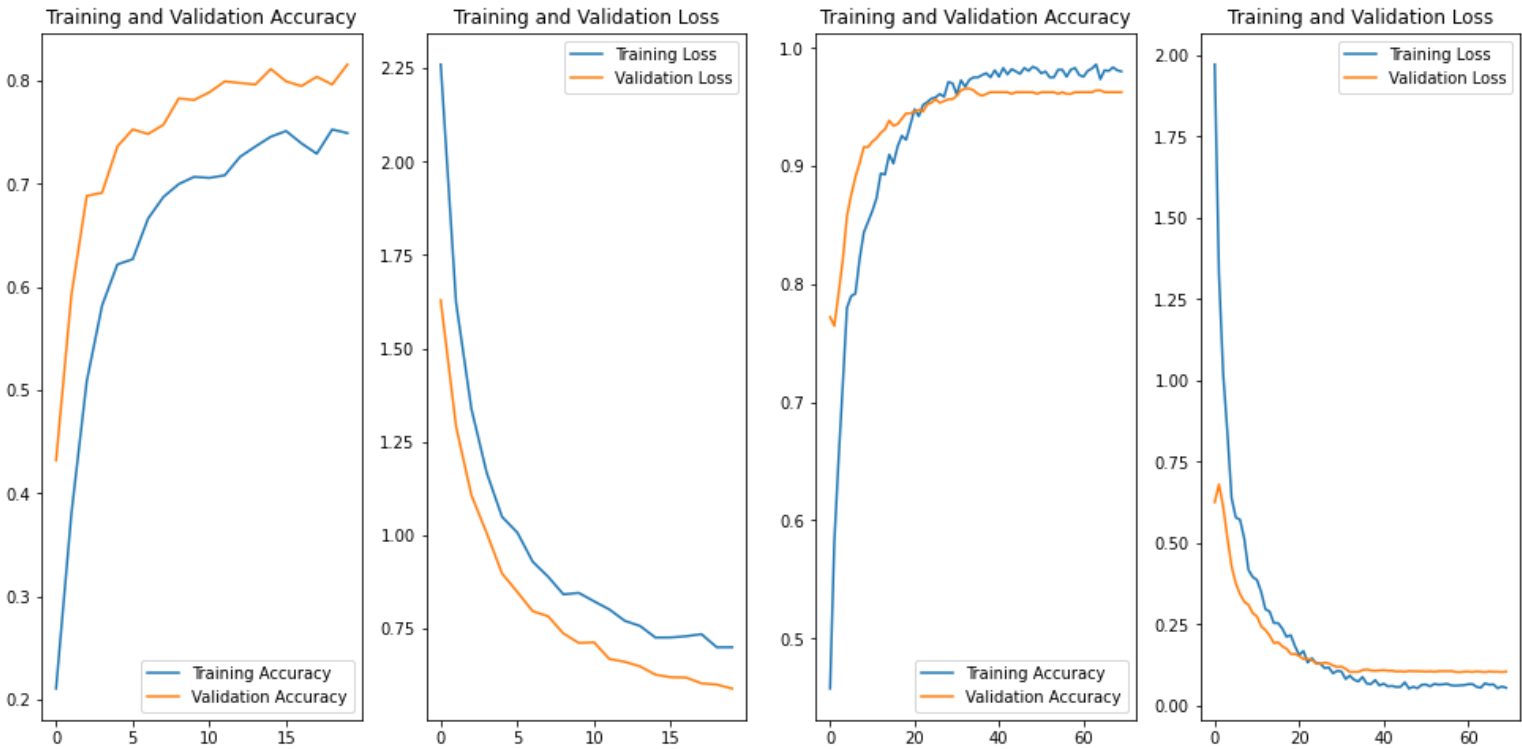
DenseNet121

val_loss: 0.10332396626472473

val_acc: 0.9625187516212463

Entrenamiento de la capa final, 20 épocas

Entrenamiento de toda la red, 70 épocas



	precision	recall	f1-score	support
10c	0.90	1.00	0.95	138
1c	0.98	0.93	0.96	61
1e	1.00	0.97	0.98	90
20c	1.00	1.00	1.00	72
2c	0.91	0.98	0.95	62
2e	0.96	1.00	0.98	43
50c	1.00	0.80	0.89	69
5c	0.99	0.98	0.98	132
accuracy			0.96	667
macro avg	0.97	0.96	0.96	667
weighted avg	0.97	0.96	0.96	667

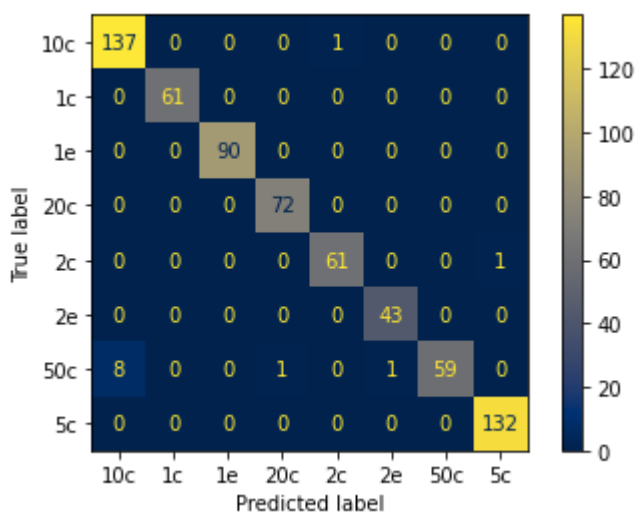
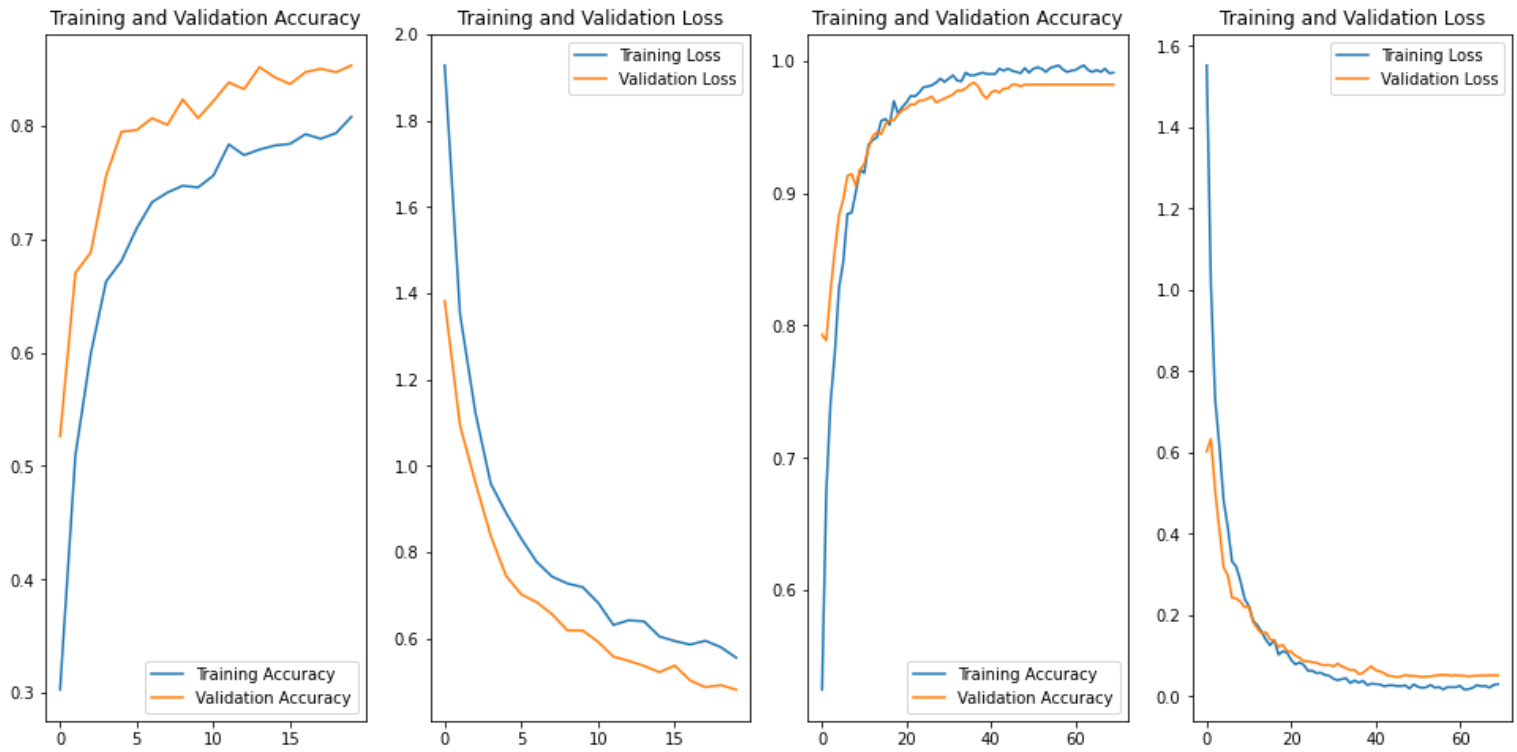
DenseNet169

val_loss: 0.047594018280506134

val_acc: 0.9820089936256409

Entrenamiento de la capa final, 20 épocas

Entrenamiento de toda la red, 70 épocas



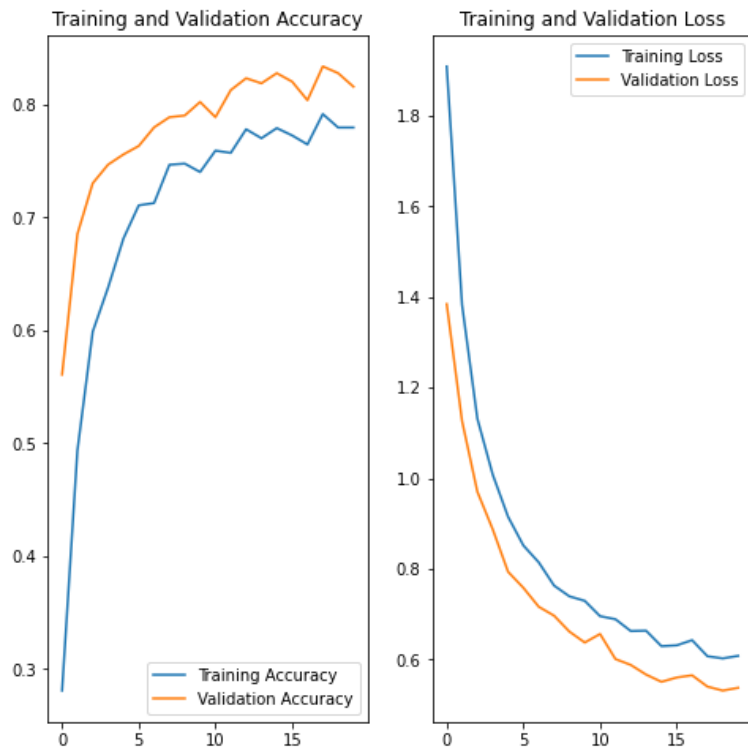
	precision	recall	f1-score	support
10c	0.94	0.99	0.97	138
1c	1.00	1.00	1.00	61
1e	1.00	1.00	1.00	90
20c	0.99	1.00	0.99	72
2c	0.98	0.98	0.98	62
2e	0.98	1.00	0.99	43
50c	1.00	0.86	0.92	69
5c	0.99	1.00	1.00	132
accuracy			0.98	667
macro avg	0.99	0.98	0.98	667
weighted avg	0.98	0.98	0.98	667

DenseNet201

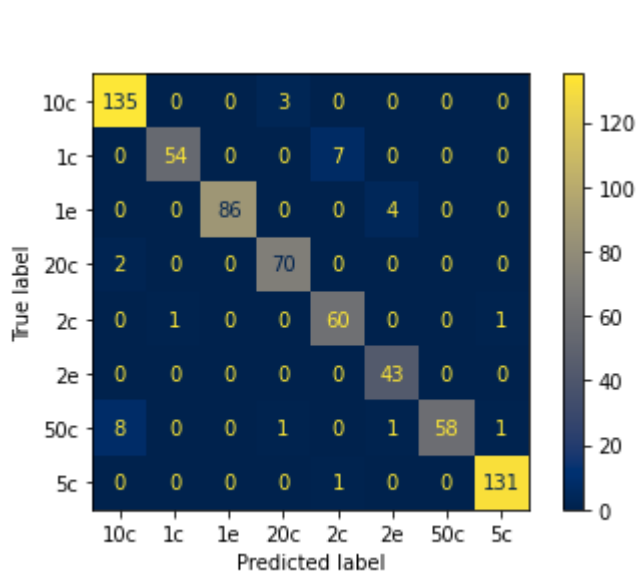
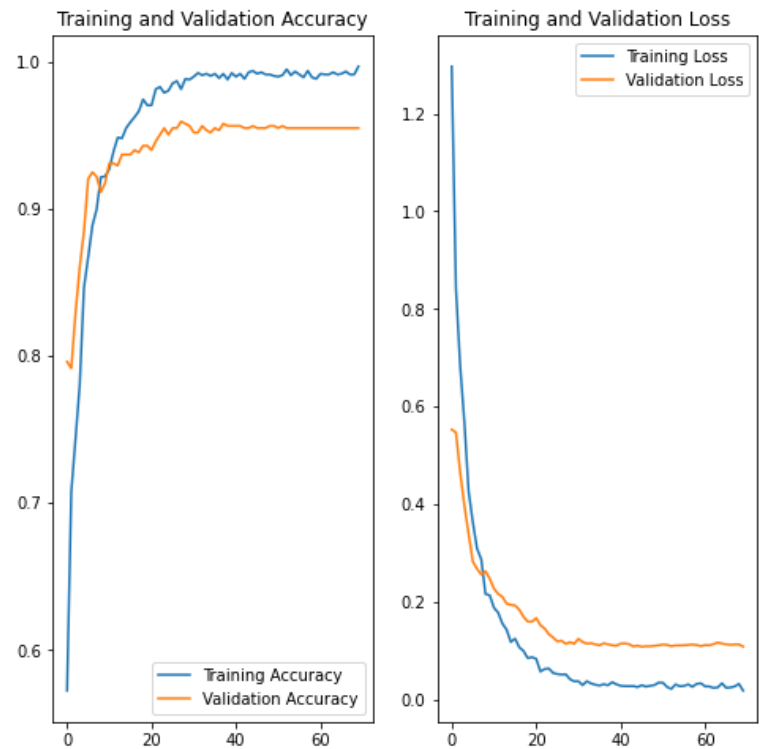
val_loss: 0.10813343524932861

val_acc: 0.9550225138664246

Entrenamiento de la capa final, 20 épocas



Entrenamiento de toda la red, 70 épocas



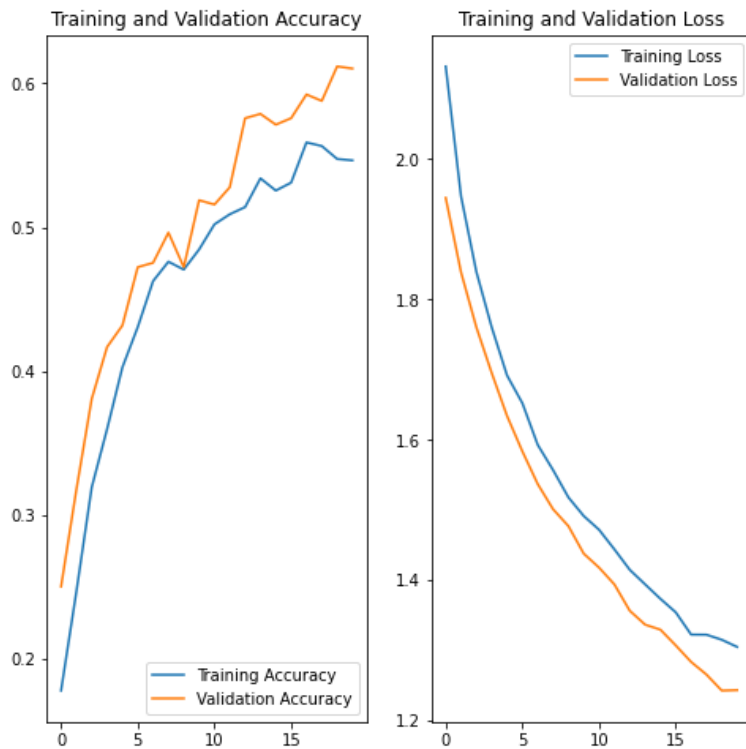
	precision	recall	f1-score	support
10c	0.93	0.98	0.95	138
1c	0.98	0.89	0.93	61
1e	1.00	0.96	0.98	90
20c	0.95	0.97	0.96	72
2c	0.88	0.97	0.92	62
2e	0.90	1.00	0.95	43
50c	1.00	0.84	0.91	69
5c	0.98	0.99	0.99	132
accuracy			0.96	667
macro avg	0.95	0.95	0.95	667
weighted avg	0.96	0.96	0.95	667

VGG16

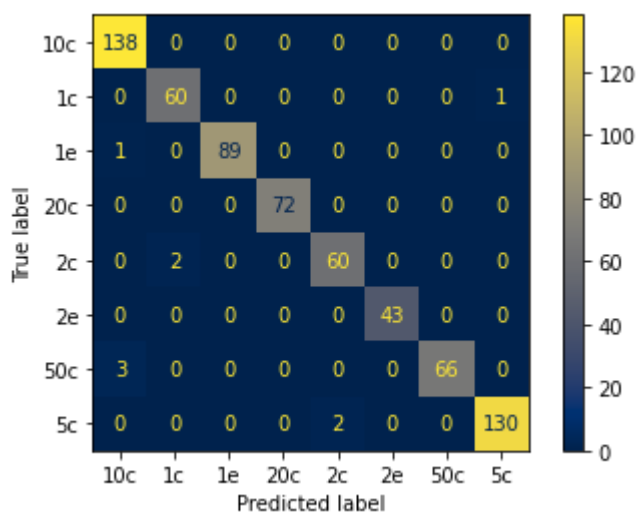
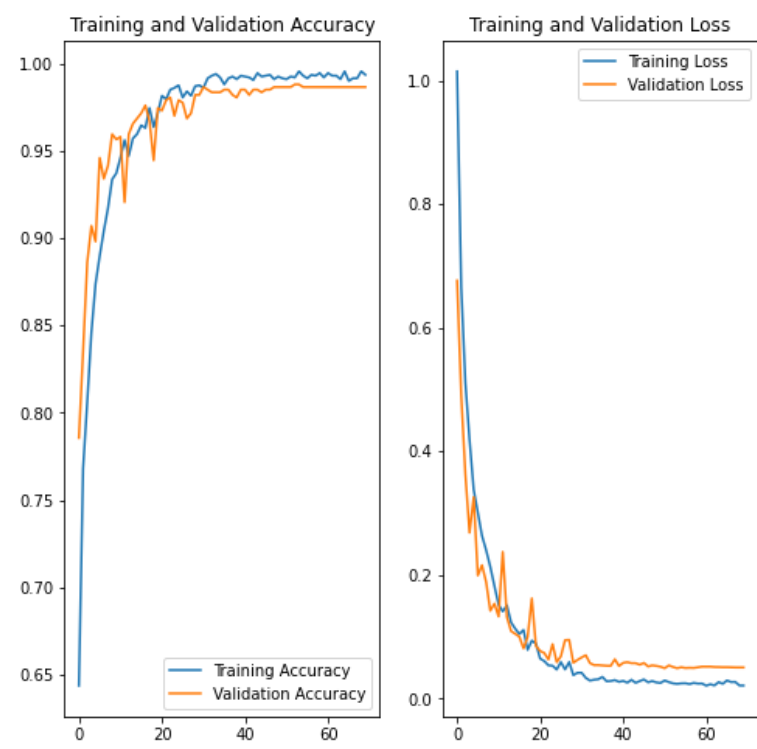
val_loss: 0.04899558797478676

val_acc: 0.9865067601203918

Entrenamiento de la capa final, 20 épocas



Entrenamiento de toda la red, 70 épocas



	precision	recall	f1-score	support
10c	0.97	1.00	0.99	138
1c	0.97	0.98	0.98	61
1e	1.00	0.99	0.99	90
20c	1.00	1.00	1.00	72
2c	0.97	0.97	0.97	62
2e	1.00	1.00	1.00	43
50c	1.00	0.96	0.98	69
5c	0.99	0.98	0.99	132
accuracy			0.99	667
macro avg	0.99	0.99	0.99	667
weighted avg	0.99	0.99	0.99	667

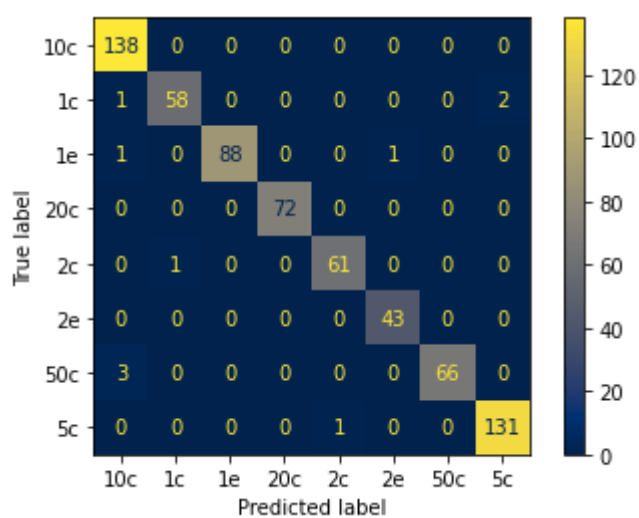
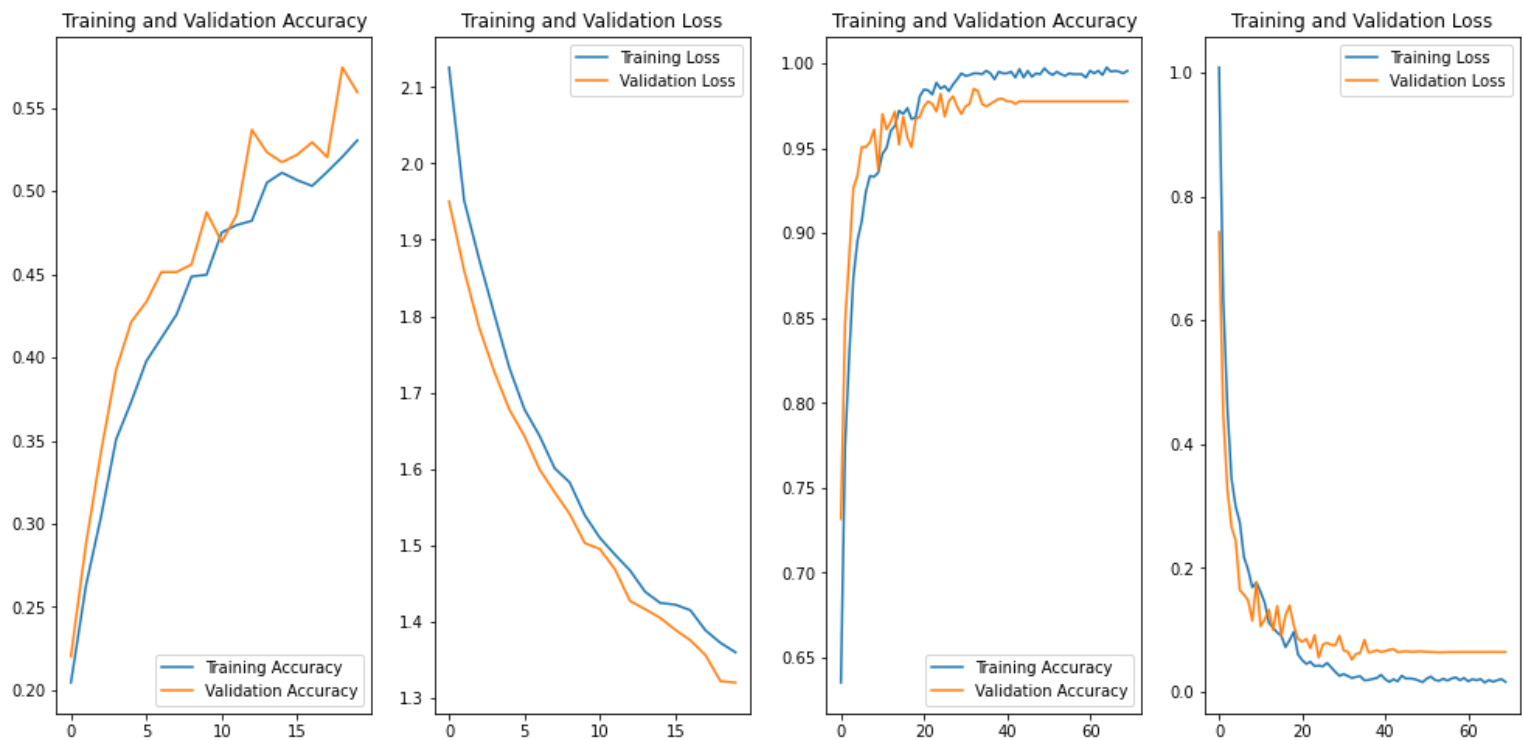
VGG19

val_loss: 0.05160588398575783

val_acc: 0.9850075244903564

Entrenamiento de la capa final, 20 épocas

Entrenamiento de toda la red, 70 épocas



	precision	recall	f1-score	support
10c	0.97	1.00	0.98	138
1c	0.98	0.95	0.97	61
1e	1.00	0.98	0.99	90
20c	1.00	1.00	1.00	72
2c	0.98	0.98	0.98	62
2e	0.98	1.00	0.99	43
50c	1.00	0.96	0.98	69
5c	0.98	0.99	0.99	132
accuracy			0.99	667
macro avg	0.99	0.98	0.98	667
weighted avg	0.99	0.99	0.98	667