

## VBA Code

```
Sub CopyData()  
'The purpose of this macro is to copy data from 120 files  
to one file.  
  
'Define variables  
Dim ii As Integer  
Dim rw As Integer  
Dim filename As String  
Dim src As Worksheet  
Dim dest As Worksheet  
Dim dt As String  
Dim lastrow1 As Long  
Dim lastrow2 As Long  
Set dest = Workbooks(1).Worksheets(1)  
  
'For loop used to copy data from the files file by file.  
The files are named from "1.xls" to "120.xls"  
For ii = 78 To 120  
  
    'Open file and activate sheet  
    filename = "C:\Documents\UWaterloo\SOA case comp\" & ii  
& ".xls"  
    Workbooks.Open (filename)  
    Set src = Workbooks(2).Worksheets(1)  
    src.Activate  
    dt = Right(Trim(Range("A5")), 10)  
  
    'Find the last row in the master file  
    lastrow1 = dest.UsedRange.Rows.Count  
  
    'Find the last row in the source file  
    lastrow2 = src.UsedRange.Rows.Count  
    'Remove duplicates  
    Range("A7:G" & lastrow2).RemoveDuplicates  
    Columns:=Array(1, 3, 4, 5, 6, 7), Header:=xlNo  
  
    'For loop used to copy the rows in the source file one  
    by one depending on the primary reason of price increase.  
    For rw = 7 To lastrow2  
        If Trim(Range("G" & rw)) = "WAC Adjustment" Then  
'Copy only if the primary reason is "WAC Adjustment".  
            Range("A" & rw & ":G" & rw).Copy  
            dest.Range("A" & lastrow1 + 1 & ":G" & lastrow1  
+ 1).PasteSpecial xlPasteValues  
            dest.Range("H" & lastrow1 + 1) = Format(dt,  
"ddmmyyyy")  
        End If  
    Next rw  
Next ii  
End Sub
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        End If
        'Update last row in the master file
        lastrow1 = dest.UsedRange.Rows.Count
    Next rw

    'Close source file
    Workbooks(2).Close SaveChanges:=False
Next ii

End Sub
```