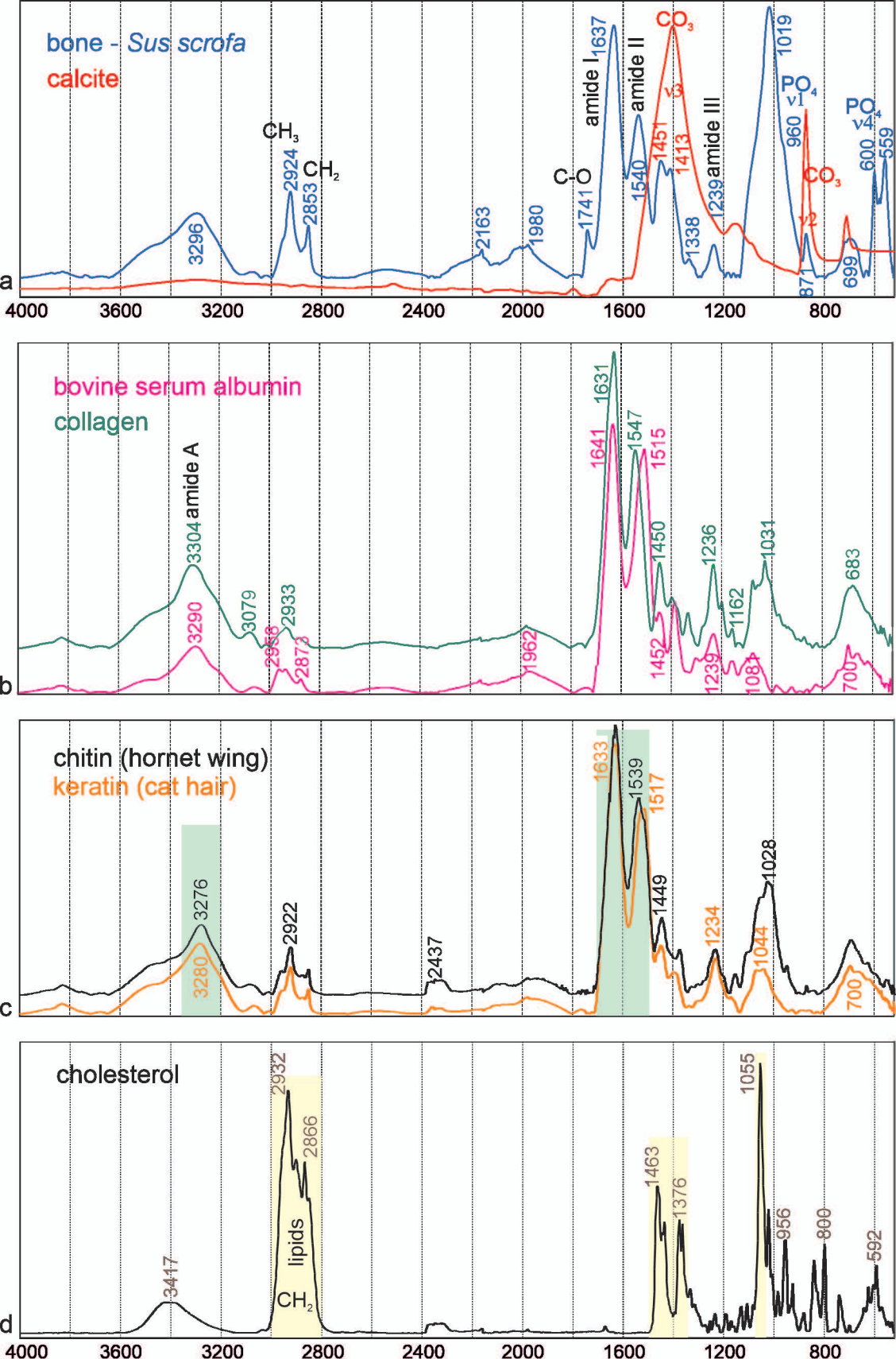

bone - Sus scrofa
calcite
CH3
CH2
C-O
amide I
amide II
amide III
CO3
PO4 ν1
PO4 ν4
3296
2924
2853
2163
1980
1741
1637
1540
1451
1413
1338
1239
1019
960
871
699
600
559
a
4000
3600
3200
2800
2400
2000
1600
1200
800
bovine serum albumin
collagen
amide A
3304
3290
3079
2933
2858
2873
1962
1641
1631
1547
1515
1450
1452
1236
1162
1031
1239
1081
683
700
b
chitin (hornet wing)
keratin (cat hair)
3276
3280
2922
2437
1633
1539
1517
1449
1234
1044
1028
700
c
cholesterol
3417
2932
2866
lipids
CH2
1463
1376
1055
956
800
592
d
4000
3600
3200
2800
2400
2000
1600
1200
800