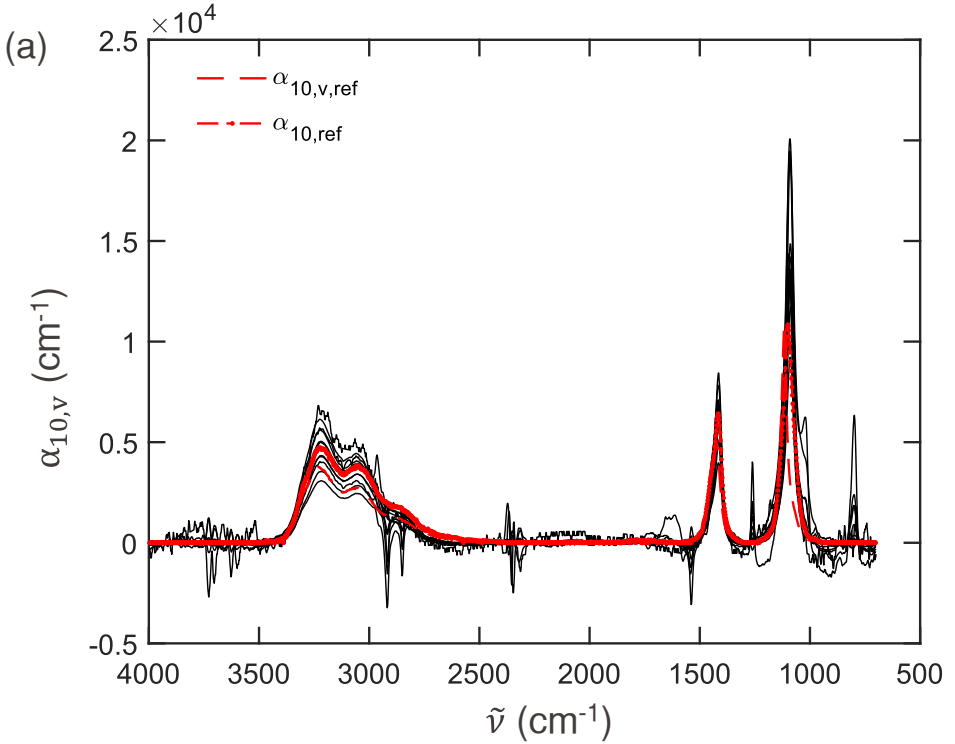
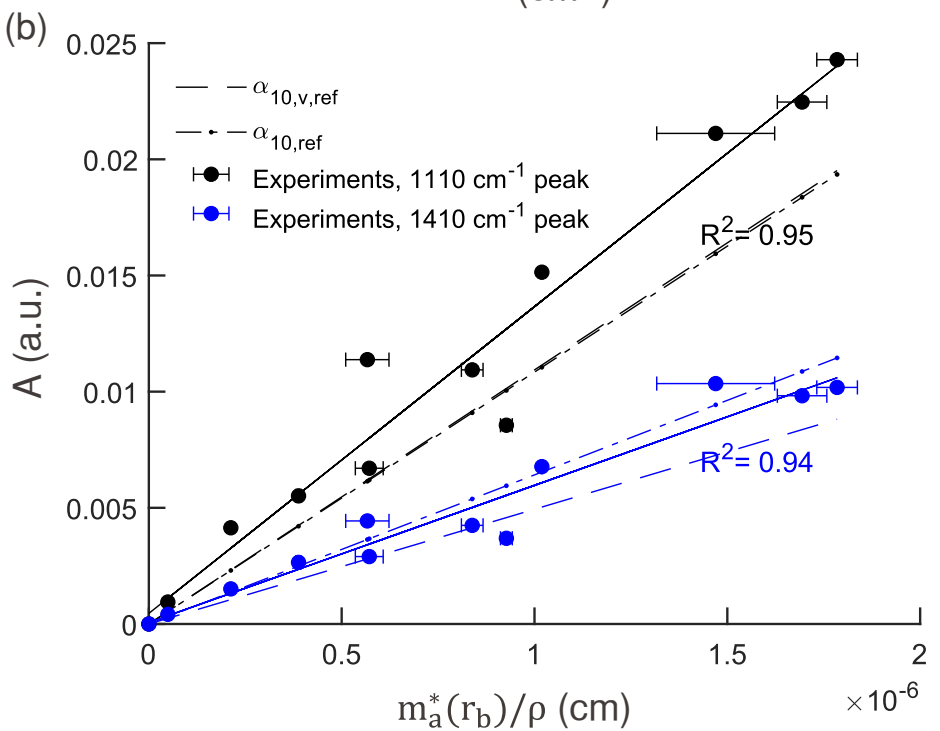

(a)
×10^4
2.5
2
1.5
1
0.5
0
-0.5
α10,v,ref
α10,ref
α10,v (cm-1)
4000
3500
3000
2500
2000
1500
1000
500
ṽ (cm-1)


(b)
0.025
0.02
0.015
0.01
0.005
0
α10,v,ref
α10,ref
Experiments, 1110 cm-1 peak
Experiments, 1410 cm-1 peak
R2= 0.95
R2= 0.94
A (a.u.)
0
0.5
1
1.5
2
×10-6
m*a(rb)/ρ (cm)