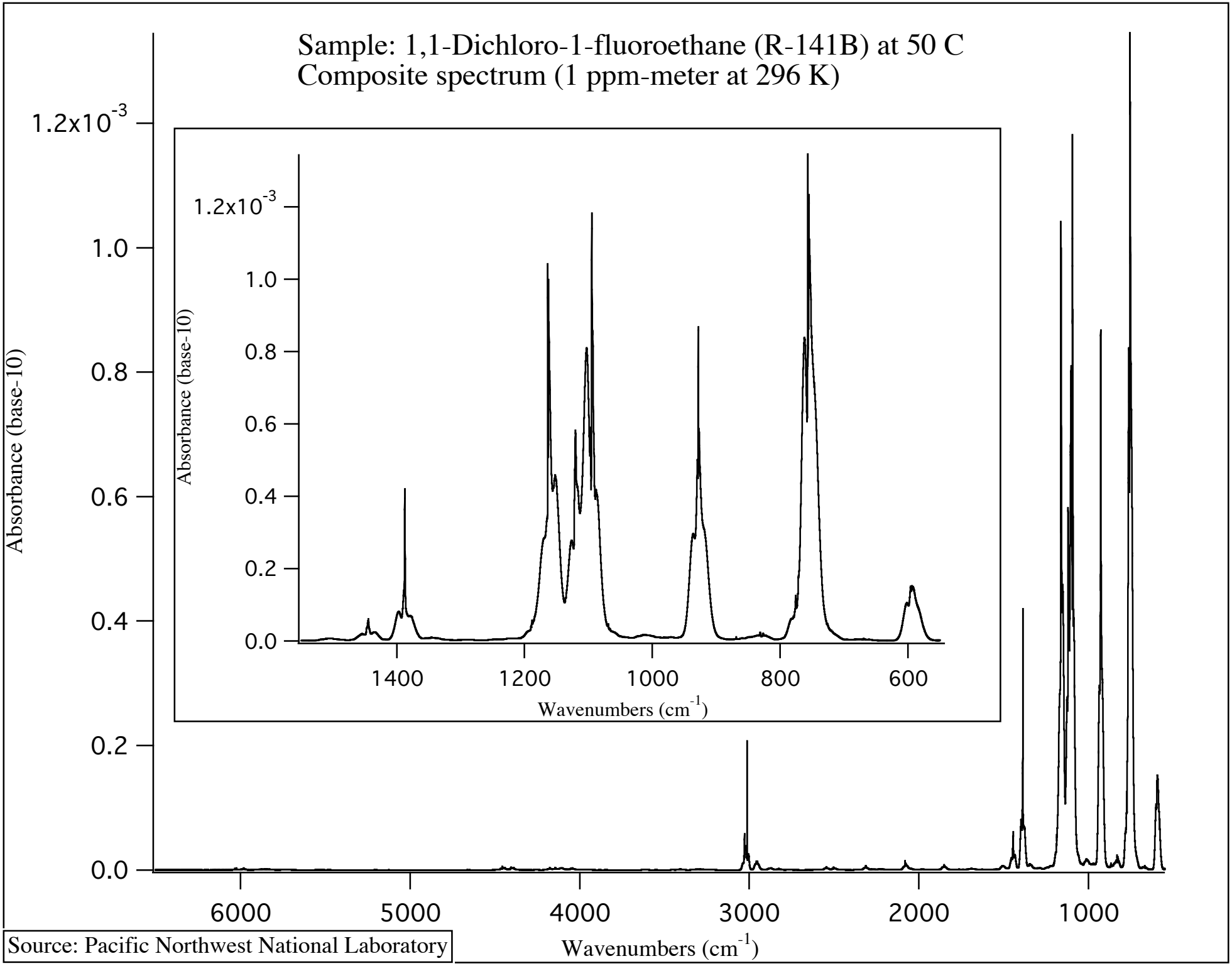
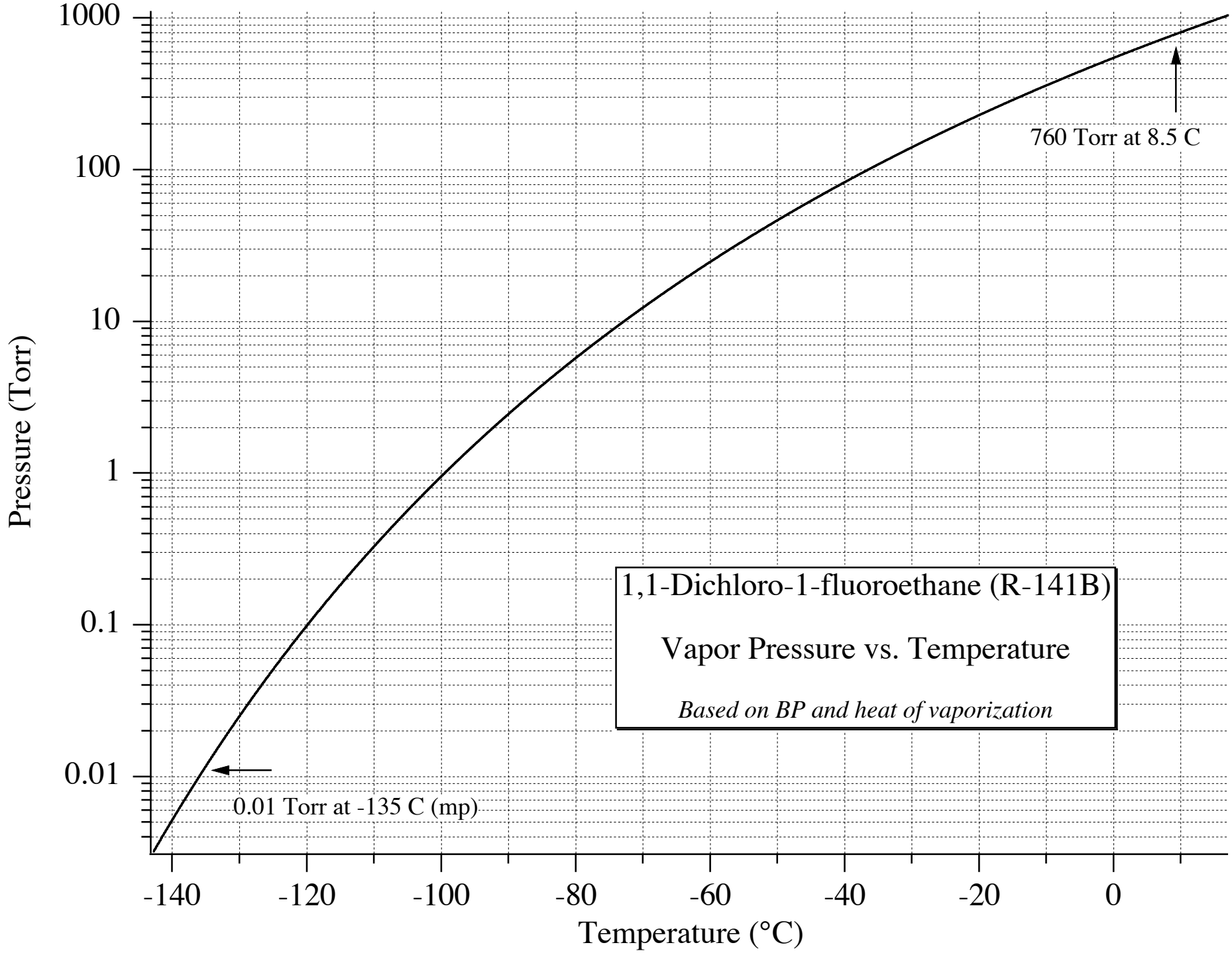

Sample: 1,1-Dichloro-1-fluoroethane (R-141B) at 50 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
1.2x10-3
1.0
0.8
0.6
0.4
0.2
0.0
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
1400
1200
1000
800
600
Source: Pacific Northwest National Laboratory


1,1-Dichloro-1-fluoroethane (R-141B)
Vapor Pressure vs. Temperature
Based on BP and heat of vaporization
760 Torr at 8.5 C
0.01 Torr at -135 C (mp)
Pressure (Torr)
1000
100
10
1
0.1
0.01
-140
-120
-100
-80
-60
-40
-20
0
Temperature (°C)