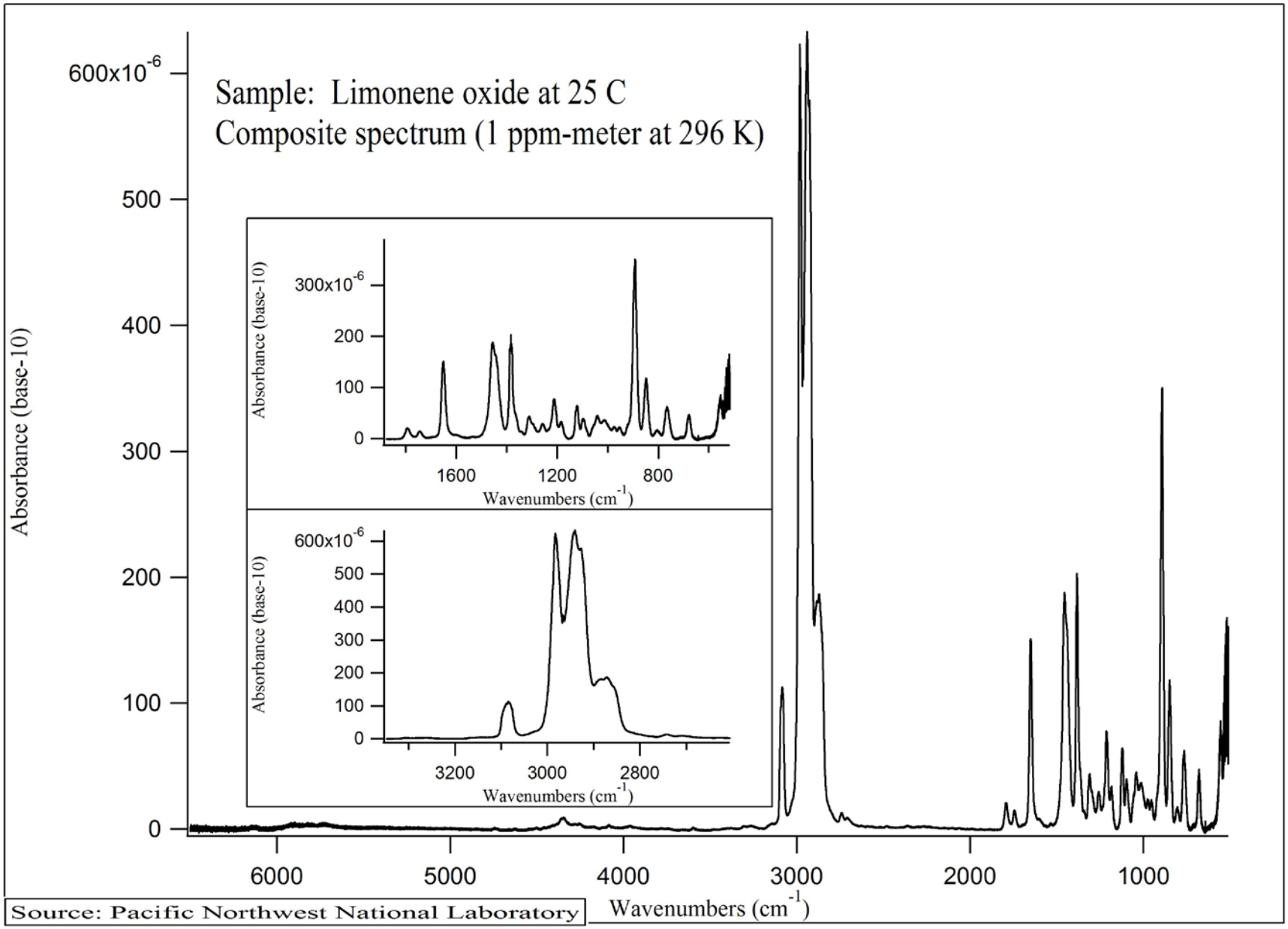
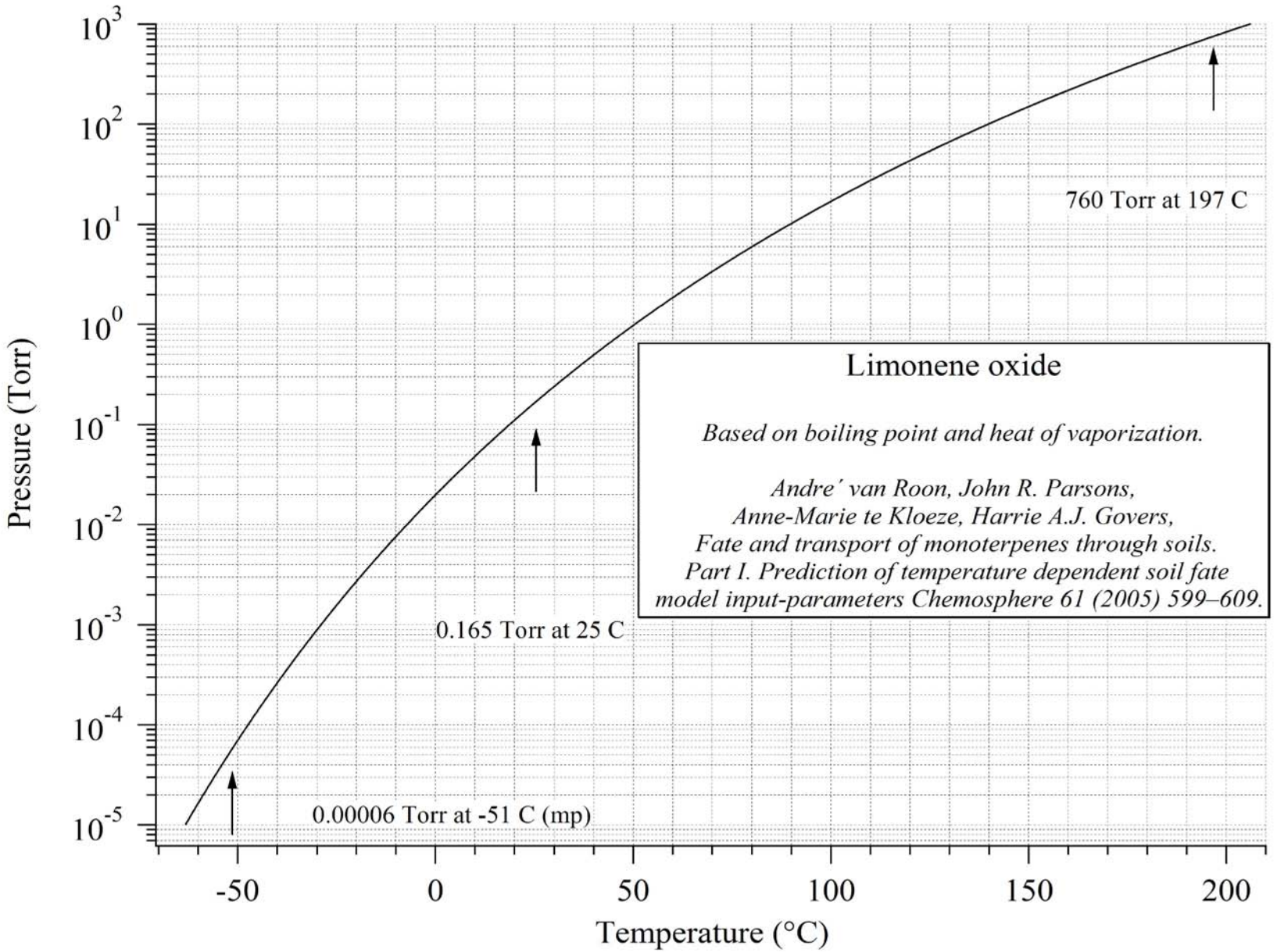

Sample: Limonene oxide at 25 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
600x10-6
500
400
300
200
100
0
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
300x10-6
200
100
0
1600
1200
800
Wavenumbers (cm-1)
600x10-6
500
400
300
200
100
0
3200
3000
2800
Wavenumbers (cm-1)
Source: Pacific Northwest National Laboratory


Limonene oxide
Based on boiling point and heat of vaporization.
Andre´ van Roon, John R. Parsons,
Anne-Marie te Kloeze, Harrie A.J. Govers,
Fate and transport of monoterpenes through soils.
Part I. Prediction of temperature dependent soil fate
model input-parameters Chemosphere 61 (2005) 599–609.
760 Torr at 197 C
0.165 Torr at 25 C
0.00006 Torr at -51 C (mp)
Pressure (Torr)
Temperature (°C)
10^3
10^2
10^1
10^0
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
-50
0
50
100
150
200