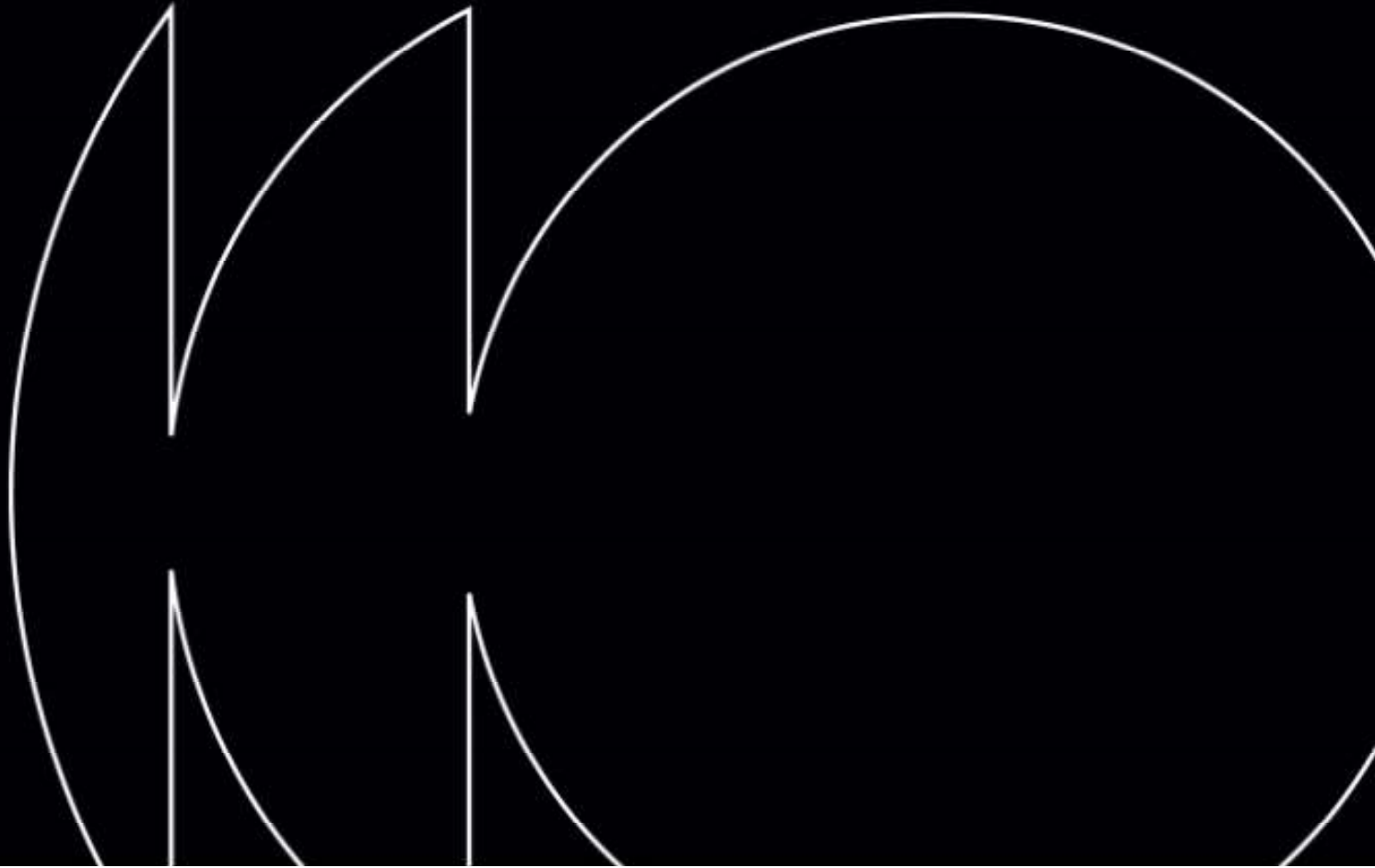
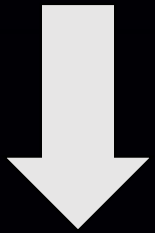




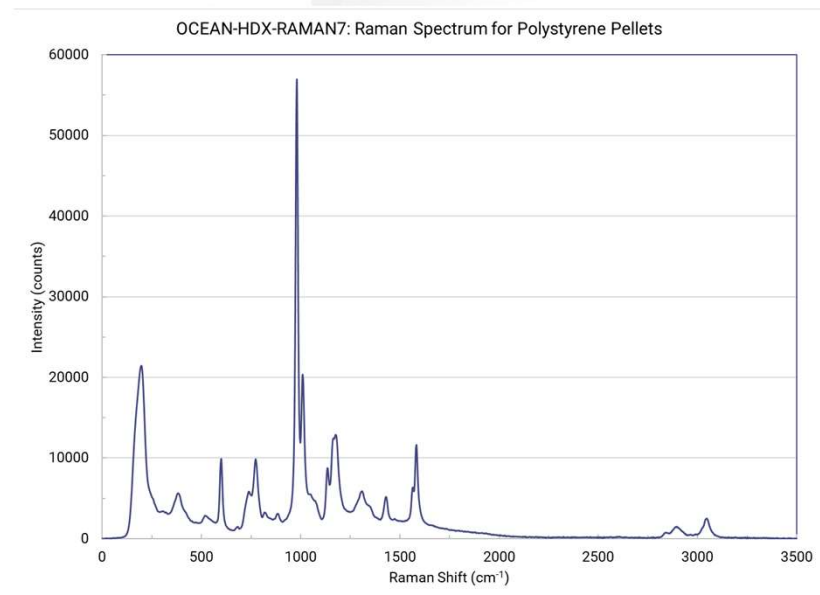
# Ocean Insight

Expanding Raman to New Markets

Presented by  
Scott Scargle  
Director of Strategic Markets  
[Scott.scargle@oceaninsight.com](mailto:Scott.scargle@oceaninsight.com)



# Raman Technology





Unlock the Unknown

# Raman Technology



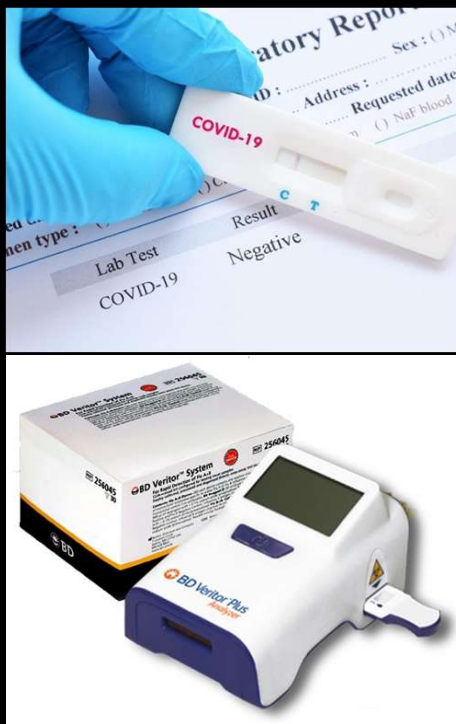
Material  
Identification



Concentrations

CONFIDENTIAL

## Molecular & Antigen Tests



# Virus Detection

Lab test - results in days

In Office - results in 10 - 30 minutes

# Virus Detection

Raman Test

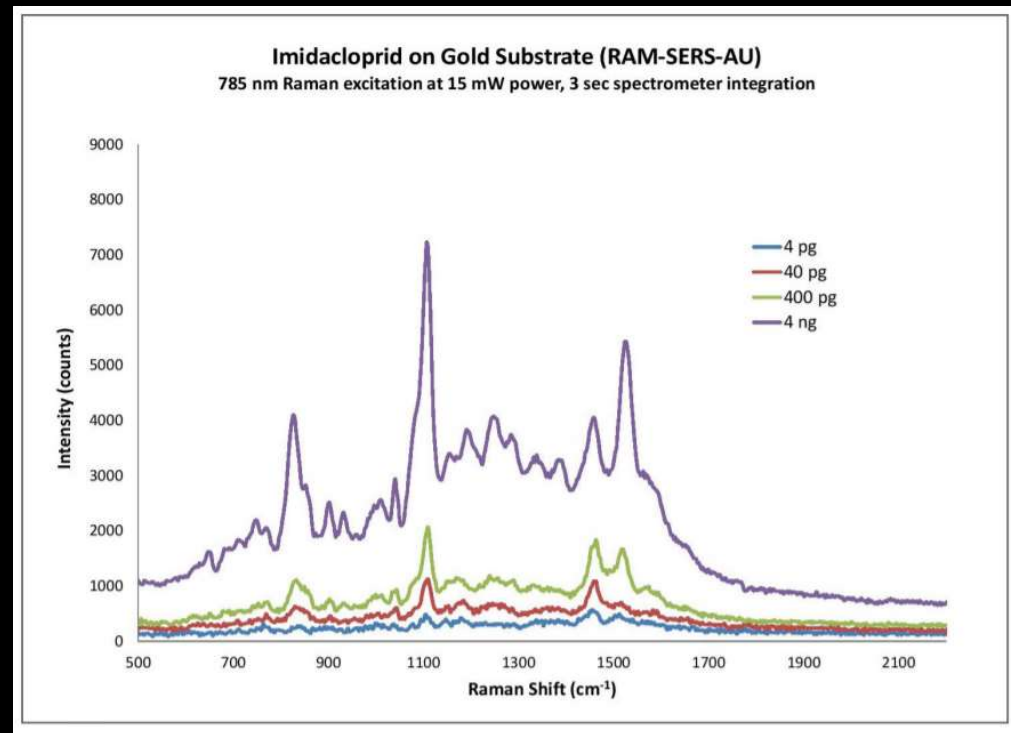


Portable - results in < 2 minutes

Pesticides,  
Insecticides,  
Fungicides



# Adulterant Levels



# Impairment Levels

DUID

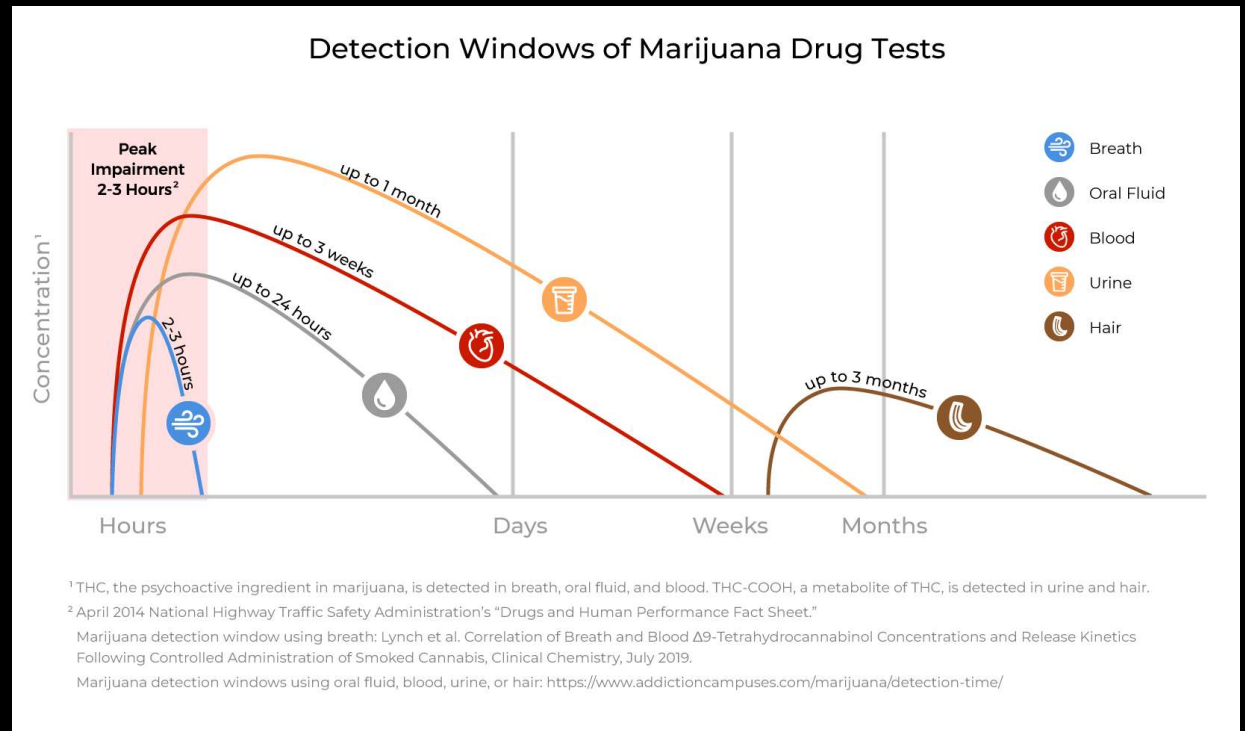


Breath  
Saliva  
Blood  
Sweat  
Urine  
Hair



# Impairment Levels

DUID



# Impairment Levels

DUID



Roadside Impairment Screener





Unlock the Unknown

# Process Control

When are you done?

How to automate  
material analysis?

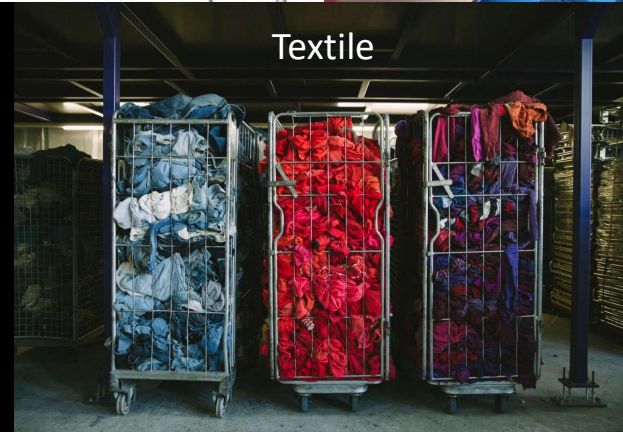
Food & Ag



Pharma



Textile



CONFIDENTIAL



Unlock the Unknown

# Process Control

When are you done?

How to automate  
material analysis?

Raman can end guessing  
& enable automation

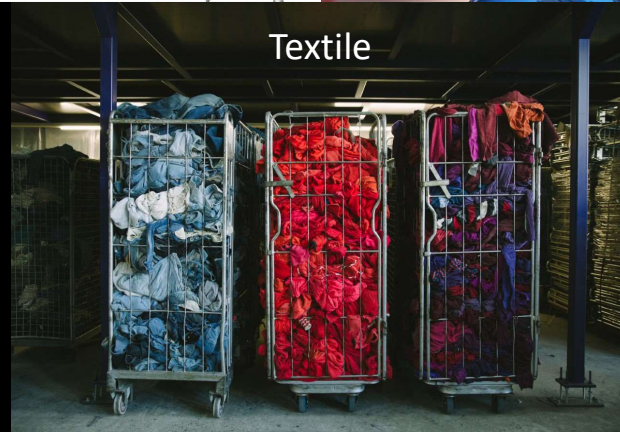
Food & Ag



Pharma



Textile



CONFIDENTIAL

# Budget Limited Users

Research & Science

**UNDER  
\$20K**

---

Integration



**\$40,000**

**\$80,000**

Raman can be affordable

# Enablers for New Markets



**PCA Analysis**  
**Chemometrics**  
**Machine Learning**

