

# IR + Raman - IR- and Raman-Spectroscopy

Protocol for the PC 2 lab course by  
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## **1 Theory**

[1]



## 2 Procedure

## 3 Results and Analysis

### 3.1 Methane

3.1.1 IR

3.1.2 Raman

### 3.2 Chloromethane

3.2.1 IR

3.2.2 Raman

### 3.3 Dichloromethane

3.3.1 IR

3.3.2 Raman

### 3.4 Dibromomethane

3.4.1 IR

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### 3.5 Chloroform

3.5.1 IR

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### 3.6 Deuterated Chloroform

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### 3.7 Tetrachloromethane

3.7.1 IR

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