

Chemical Information:

Name: 2-Propenal, 3,3-diphenyl-
CAS No.: 1210-39-5 Supplier: Sigma Aldrich
Tox21_ID No.: Tox21_202800 Lot No.: 17731JH
NTP_CID No.: 6031 MW: 208.26 g/mol

Date of Analysis: 06 January 2017

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
2-Propenal, 3,3-diphenyl-	36.29	100.00

^a Peaks comprising $\geq 0.5\%$ of total area.

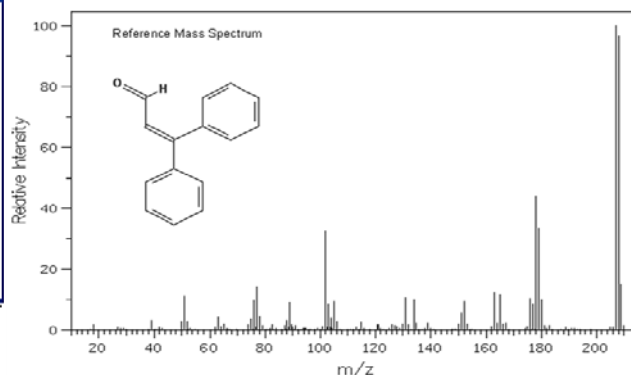
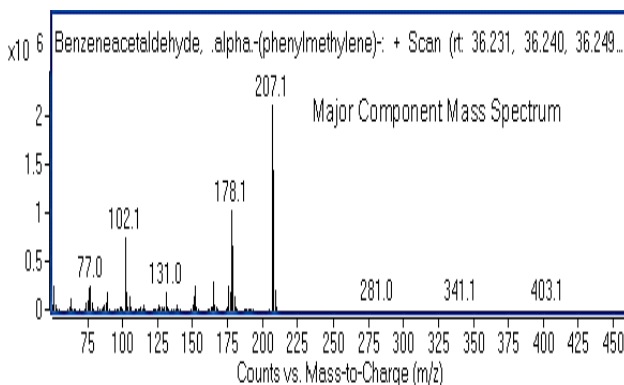
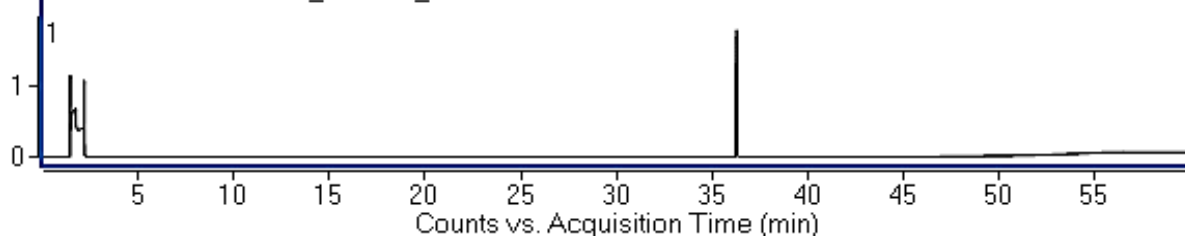
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1- μ m film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	50 – 460 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Splitless
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2 Build 2014

x10⁷ + TIC Scan 20170106_MSD11_007.D



x10⁷ + TIC Scan 20170106_MSD11_031.D



Reference obtained from SciFinder: CAS: 1210-39-5; Source, Integrated Spectral Database System of Organic Compounds. (Data were obtained from the National Institute of Advanced Industrial Science and Technology (Japan)); Spectrum ID: WMSNW7862