

Chemical Information:

Name: 2-Butanone, 1-chloro-3,3-dimethyl-
CAS No.: 13547-70-1 Supplier: Sigma Aldrich
Tox21_ID No.: Tox21_202148 Lot No.: 08209BN
NTP_CID No.: 3174 MW: 134.60 g/mol

Date of Analysis: 01 November 2016

Purity and Identity Results:

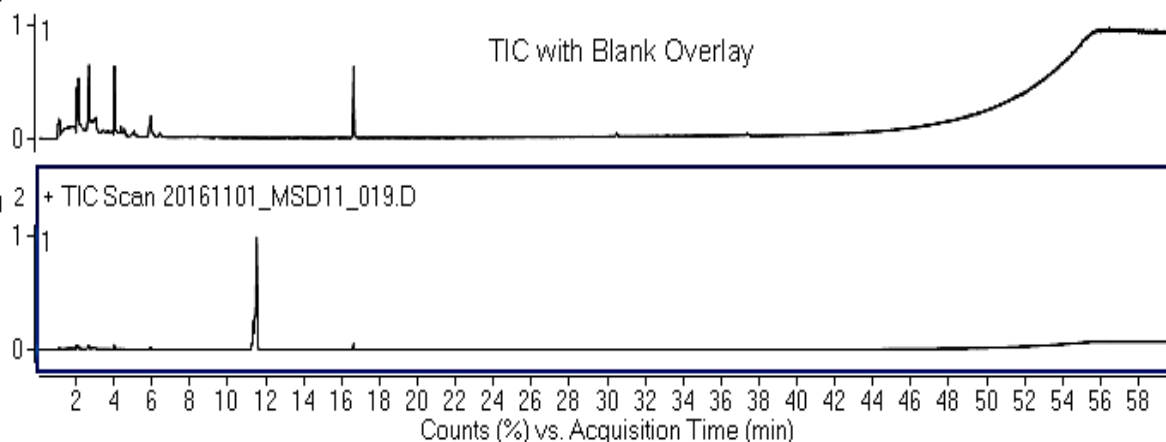
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
2-Butanone, 1-chloro-3,3-dimethyl-	11.50	100.00

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

GC/MS Instrument Parameters:

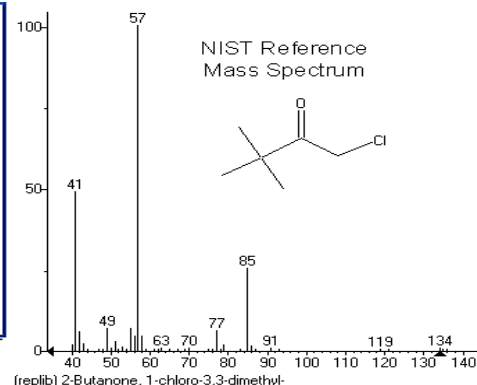
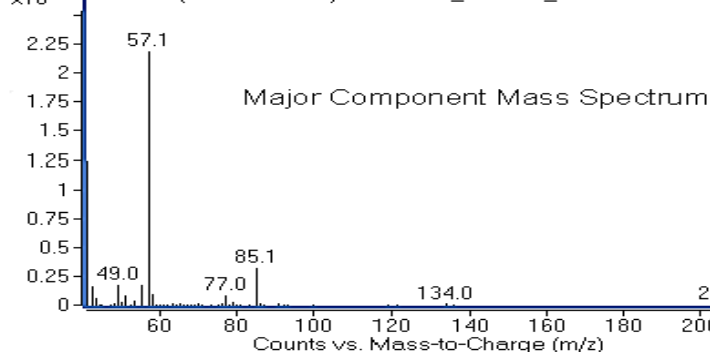
Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1- μ m film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 650 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

x10² + TIC Scan 20161101_MSD11_010.D



x10² + TIC Scan 20161101_MSD11_019.D

+ Scan (rt: 11.506 min) 20161101_MSD11_019.D



(replib) 2-Butanone, 1-chloro-3,3-dimethyl-