

MS/MS Parameters of Pesticides

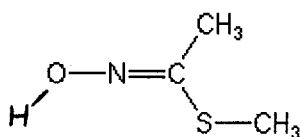
Analyte: Methomyl-oxime

CAS No.: 13749-94-5

Formula: C₃H₇NOS

Molecular mass (lowest isotopes): 105,03 amu

Structure:



Ionisation: ESI +

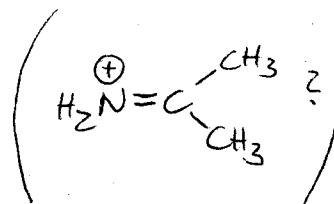
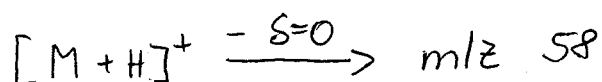
Quasimolecular ion: 106,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	106,0 → 57,9	106,0 → 73,9
Declustering potential (DP) ^{*)}	51V	51 V
Focusing potential (FP)	370 V	340 V
Entrance potential (EP)	12 V	10,5 V
Collision cell entrance potential (CEP)	18 V	22 V
Collision energy (CE)	19 V	13 V
Collision cell exit potential (CXP)	8 V	10 V

^{*)} For API 3000 and 4000 enhance DP by 20V

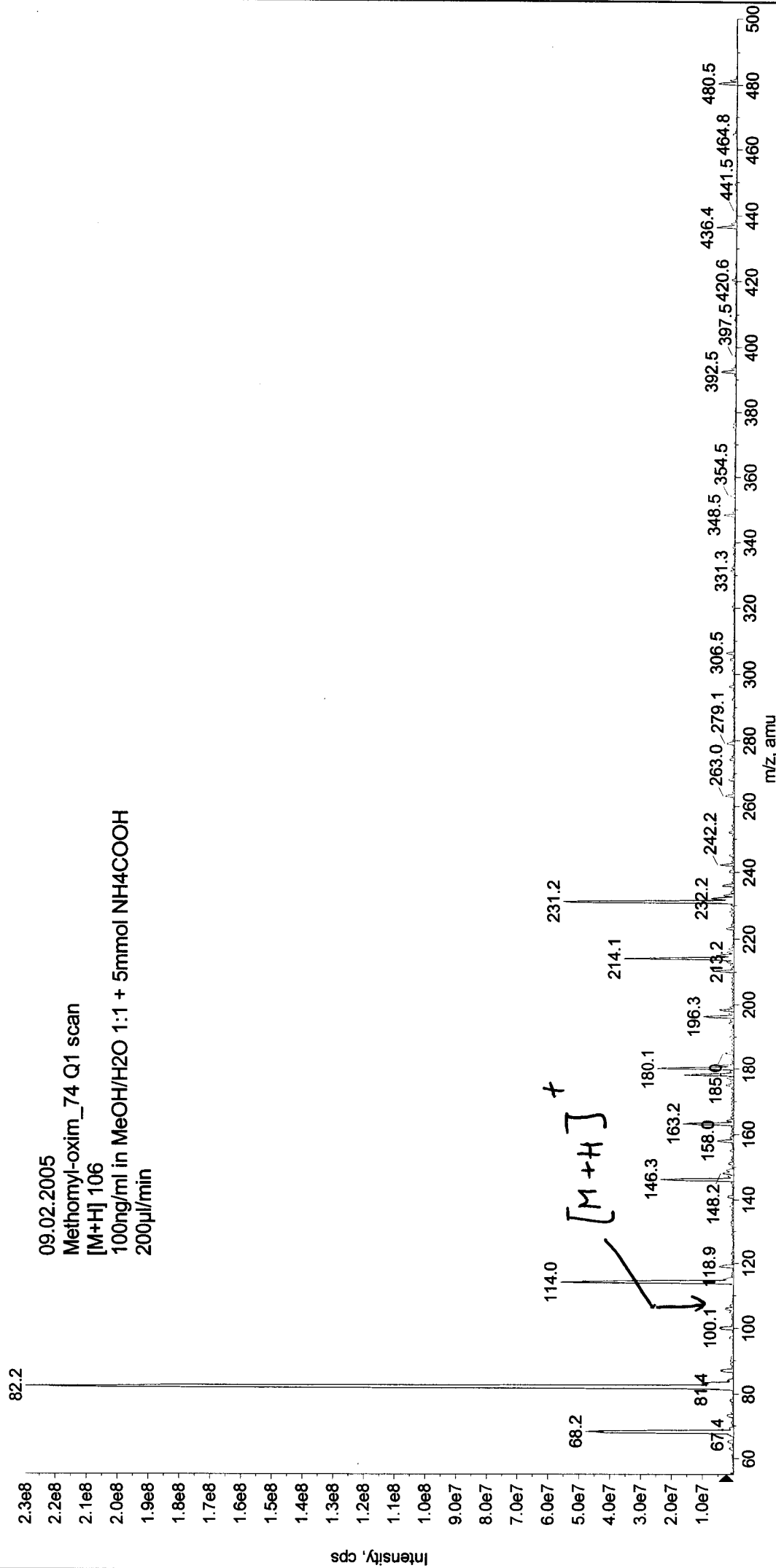
Fragmentation

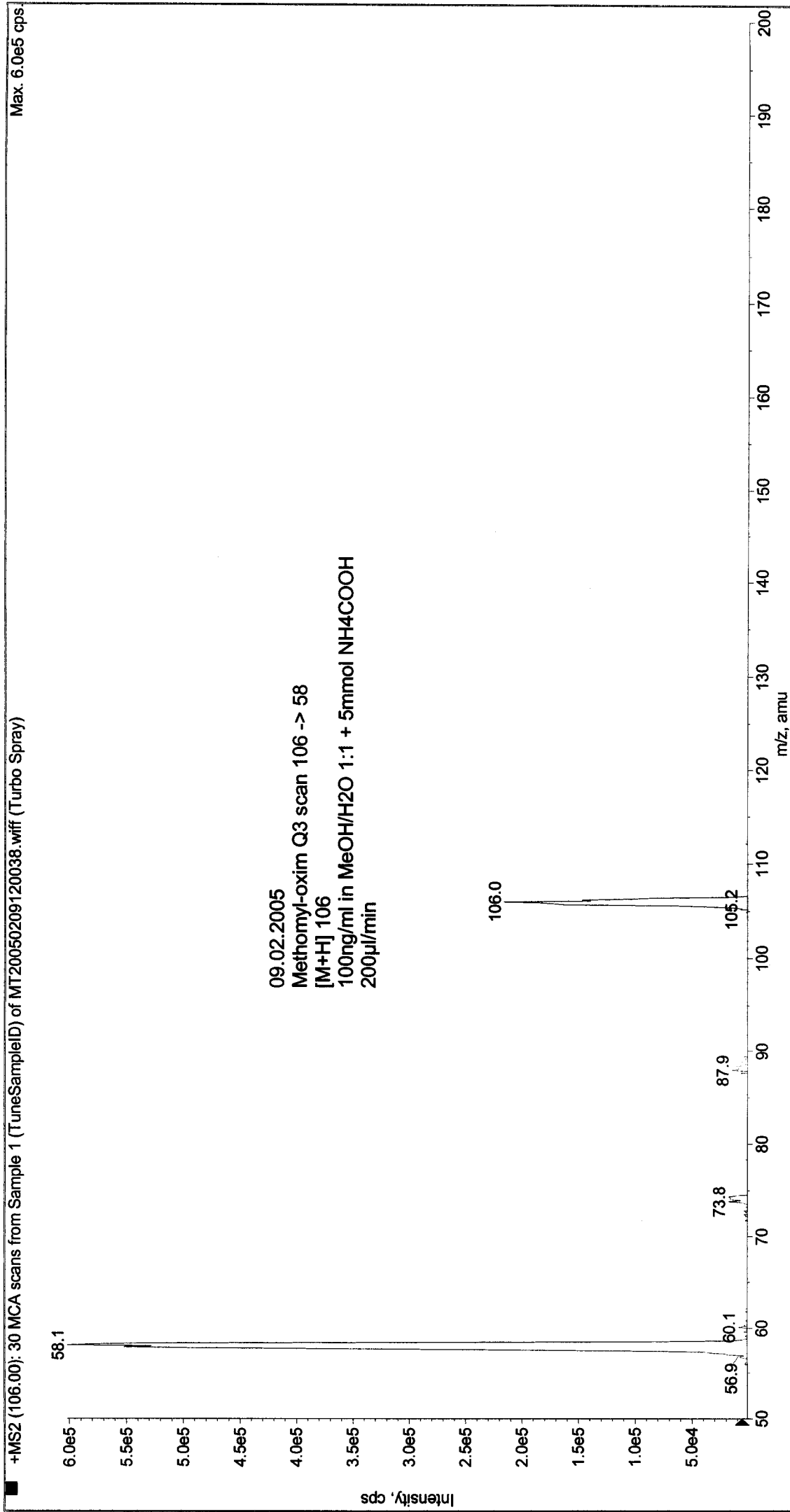


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050209121237.wiff (Turbo Spray)

Max. 2.3e8 cps

09.02.2005
Methomyl-oxim_74 Q1 scan
[M+H]⁺ 106
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min





Printing Time: 12:03:18

Printing Date: Wednesday, February 09, 2005

Acq. time: 12:02

Acq. date: Wednesday, February 09, 2005

Acq. File: MT20050209120222.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

