

MS/MS Parameters of Pesticides

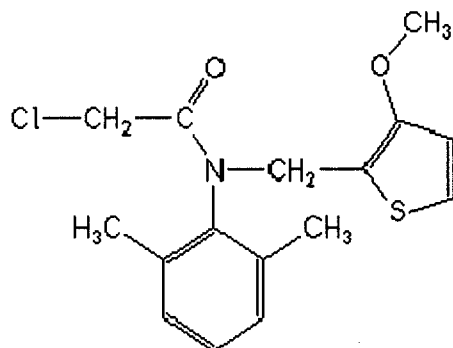
Analyte: Thenylchlor

CAS No.: 96491-05-3

Formula: C₁₆H₁₈ClNO₂S

Molecular mass (lowest isotopes): 323,08 amu

Structure:



Ionisation: ESI +

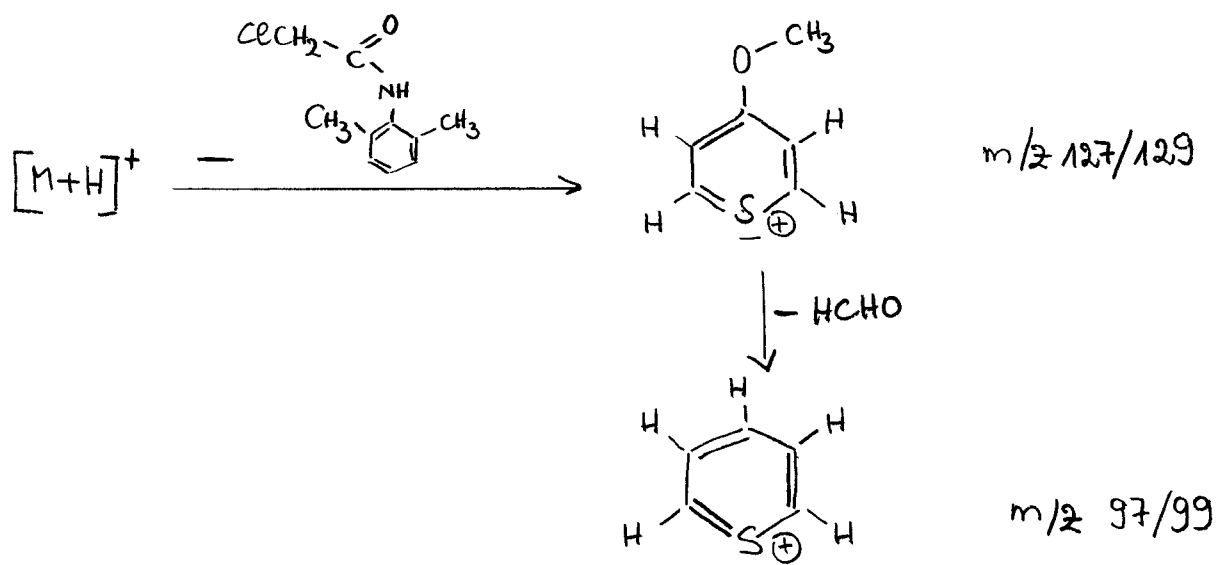
Quasimolecular ion: 324,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	324,1 → 127,2	324,1 → 97,1
Declustering potential (DP) ^{*)}	11 V	11 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	9,5 V	9 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	19 V	59 V
Collision cell exit potential (CXP)	6 V	4 V

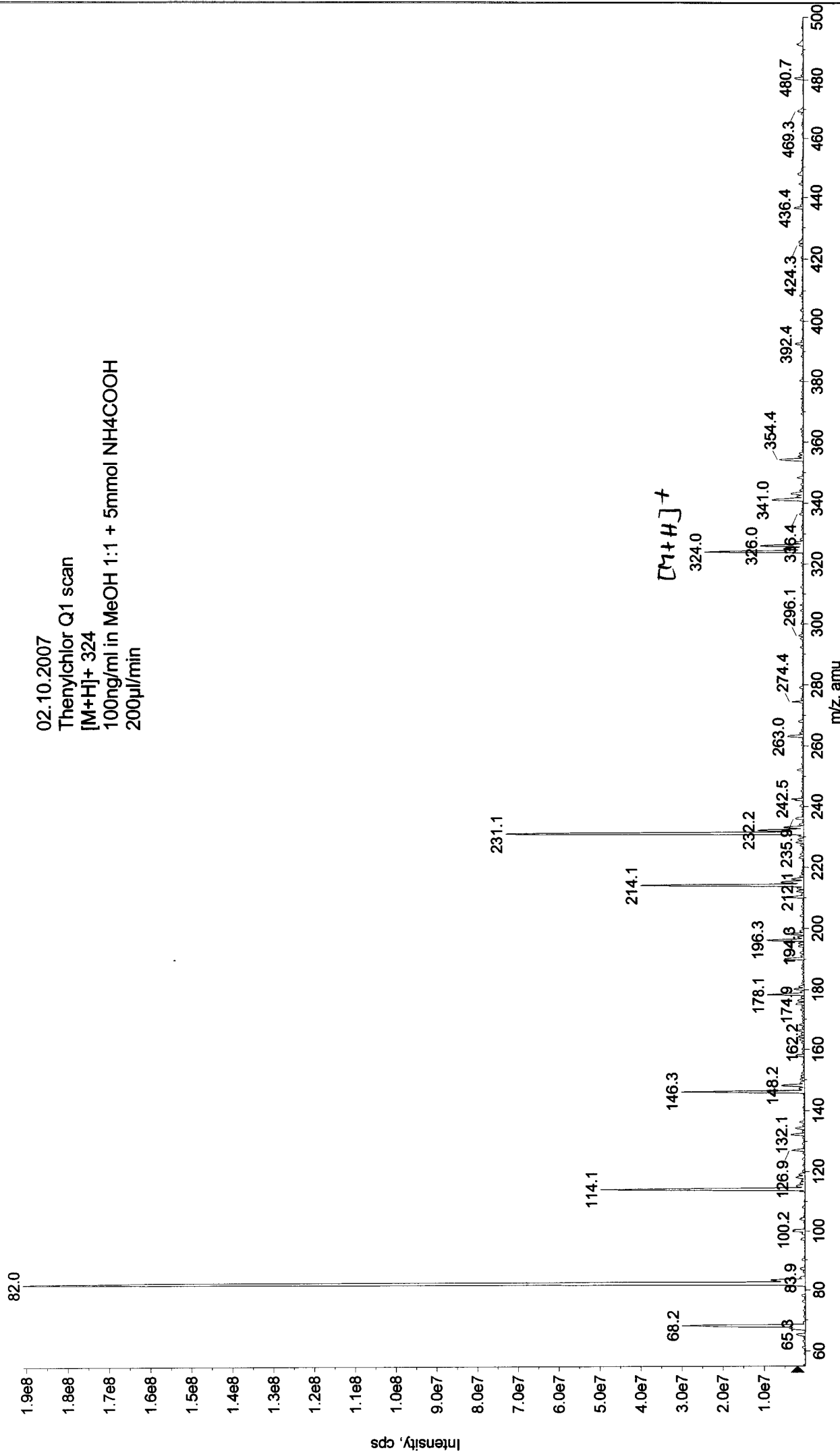
^{*)} For API 3000 and 4000 enhance DP by 20V

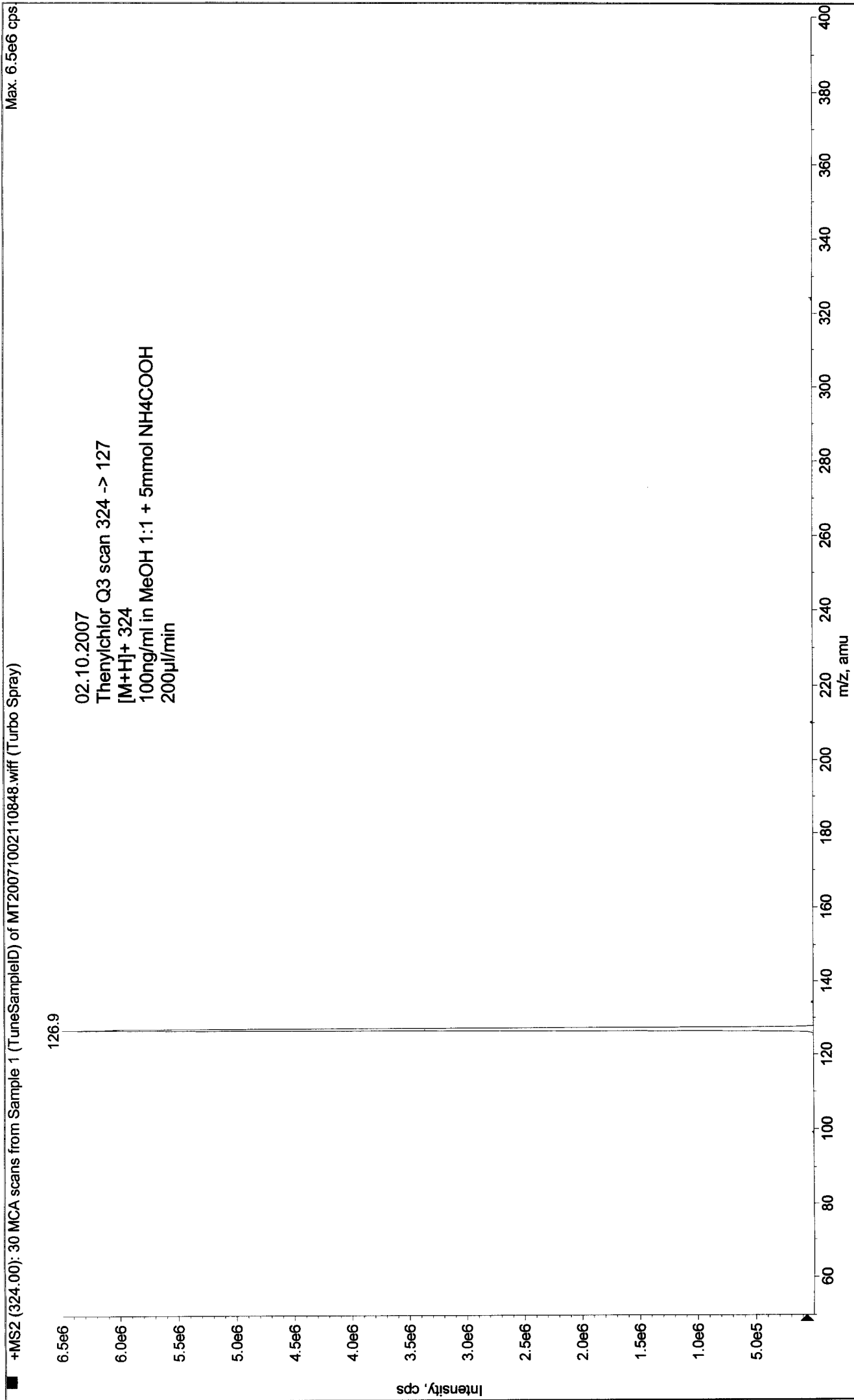
Fragmentation



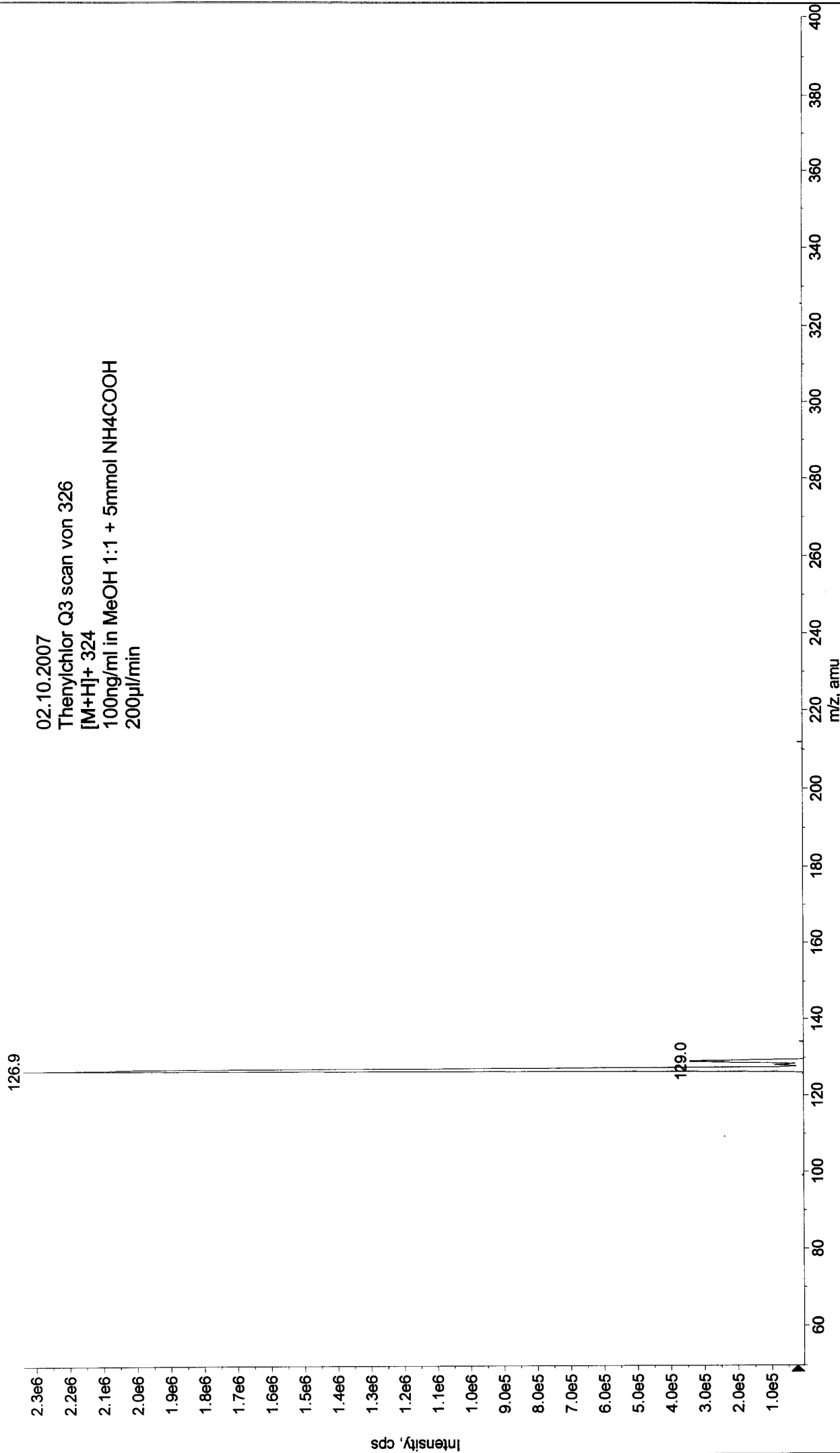
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071002110602.wiff (Turbo Spray)

Max. 1.9e8 cps

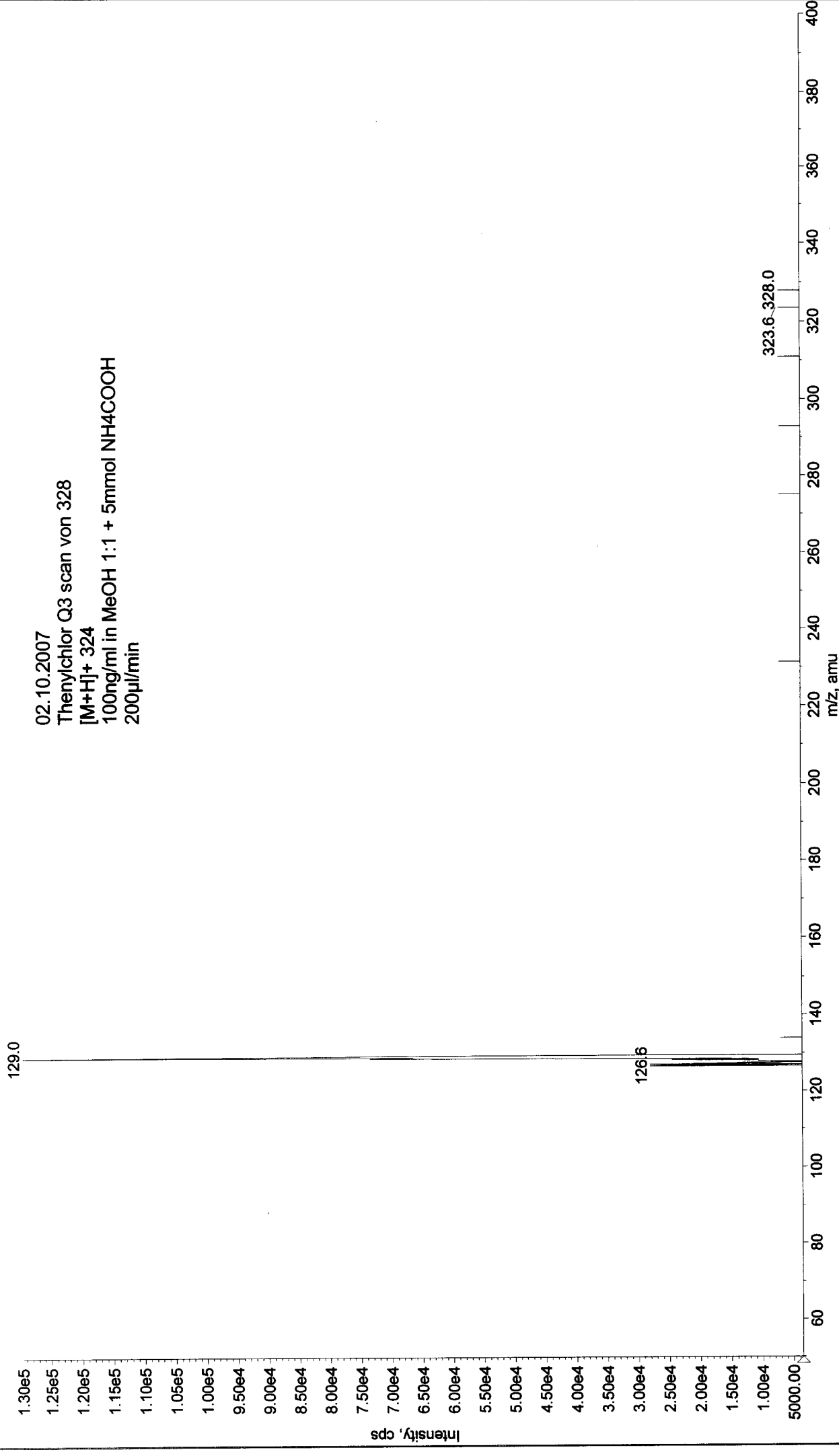




■ +MS2 (326.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071002111025.wiff (Turbo Spray) Max. 2.3e6 cps

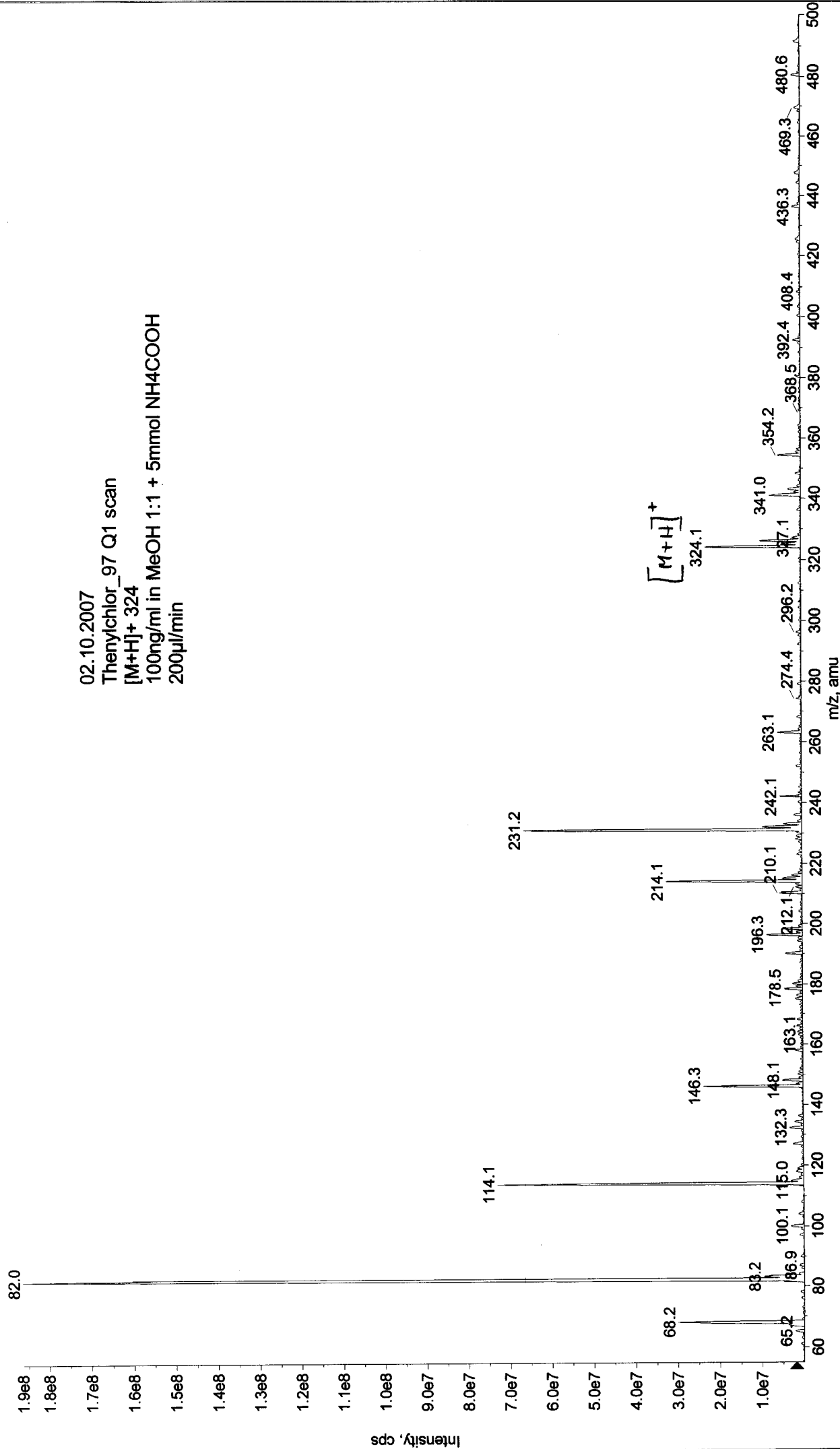


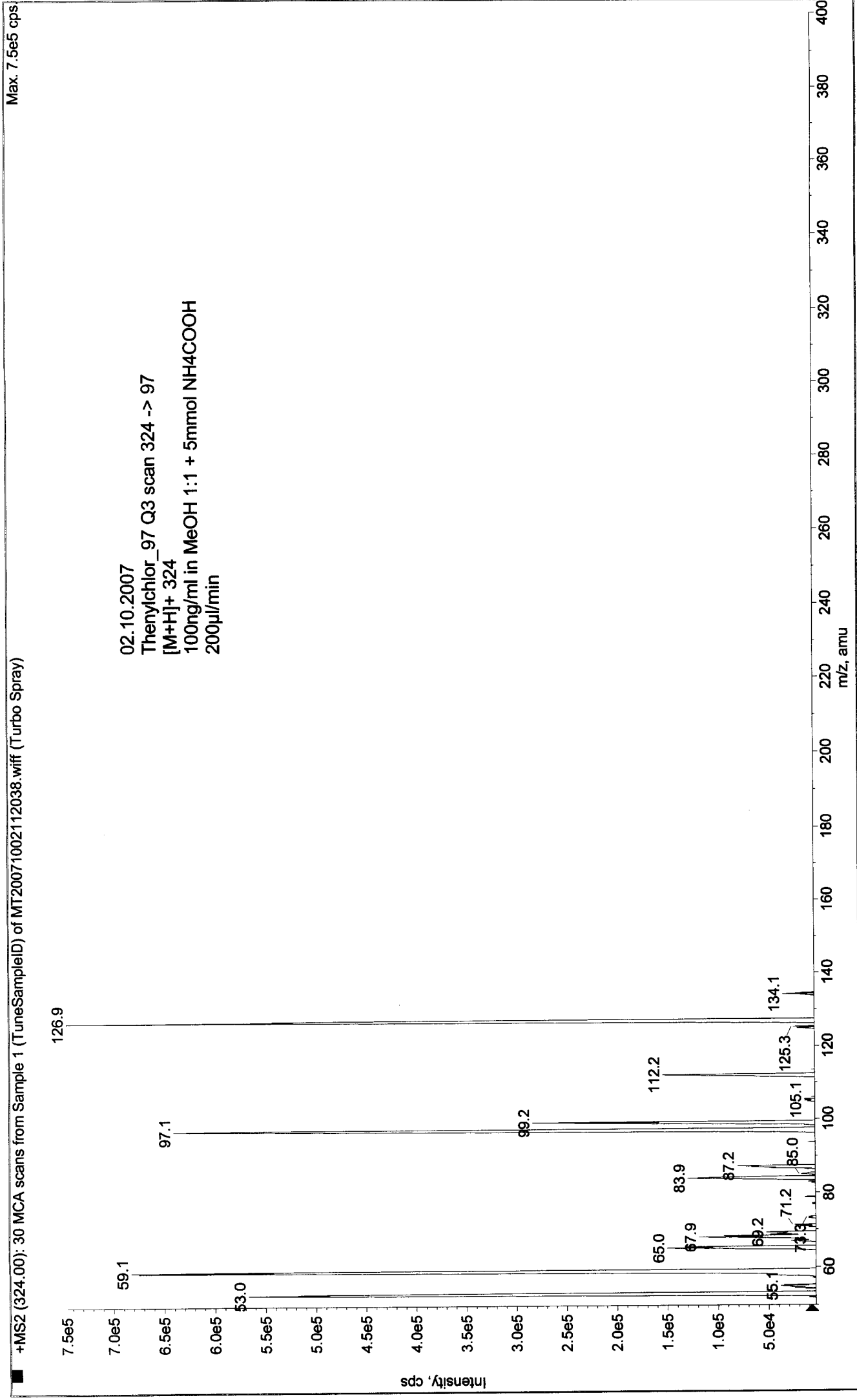
+MS2 (328.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071002111150.wiff (Turbo Spray) Max. 1.3e5 cps



■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071002111808.wiff (Turbo Spray)

Max. 1.9e8 cps





Batch Name: ManualTune.bat
Sample Name: TuneSampleID
Sample Comment:

Acq. File: MT20071002112235.wiff
Acq. Date: Tuesday, October 02, 2007
Acq. Time: 11:22

Printing Time: 11:23:37 AM
Printing Date: Tuesday, October 02, 2007

