

Analytical Report

Sample ID	752 -
Expected	3,4-EtPV HCl
Sample adulterated?	No
Sample Appearance	
Sample type	Research Chemical -
Date of sample receipt	Nov-20-2023
Date of analysis	Nov-30-2023
Date of Report	Dec-01-2023

Qualitative and Quantitative Results

Substances identified	Purity / Quantity	Harm Reduction information	Chemical Class	Pubchem ID	analytical techniques used	
					Identification	Quantification
3,4-EtPV	92 % *	https://psychonautwiki.org/wiki/3,4-EtPV	Cathinone	N/A	LCMS	NMR

* uncertainty of measurement +/- 5 %

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We do not claim nor make any guarantees or recommendations regarding the safety of the analysed samples for human consumption.***

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Detailed information regarding our workflow including a full description of the analytical methods applied

is freely available under <https://www.kykeonanalytics.com/services/users/>

Attachments: LCMS Detailed report
 1H NMR Spectrum
 FTIR Spectrum

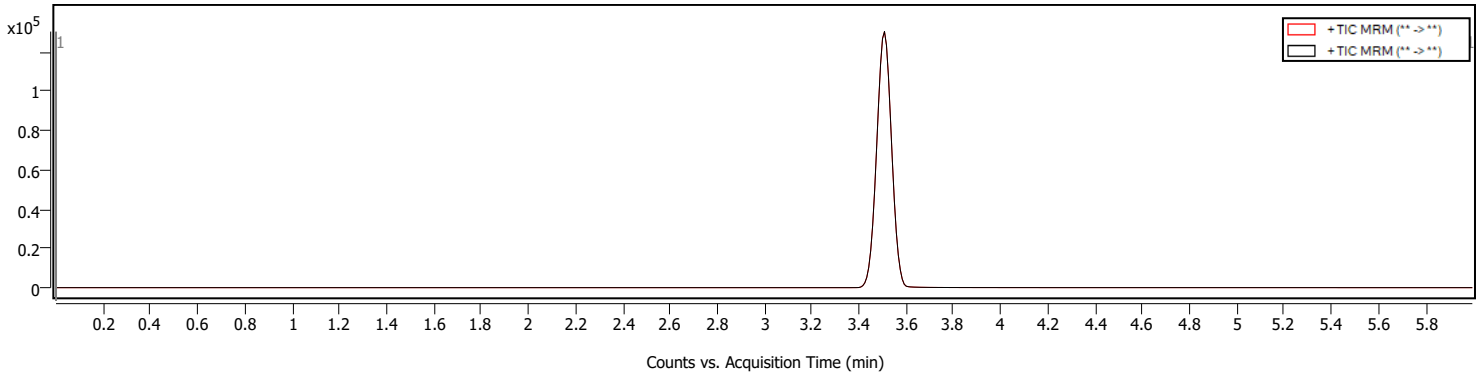
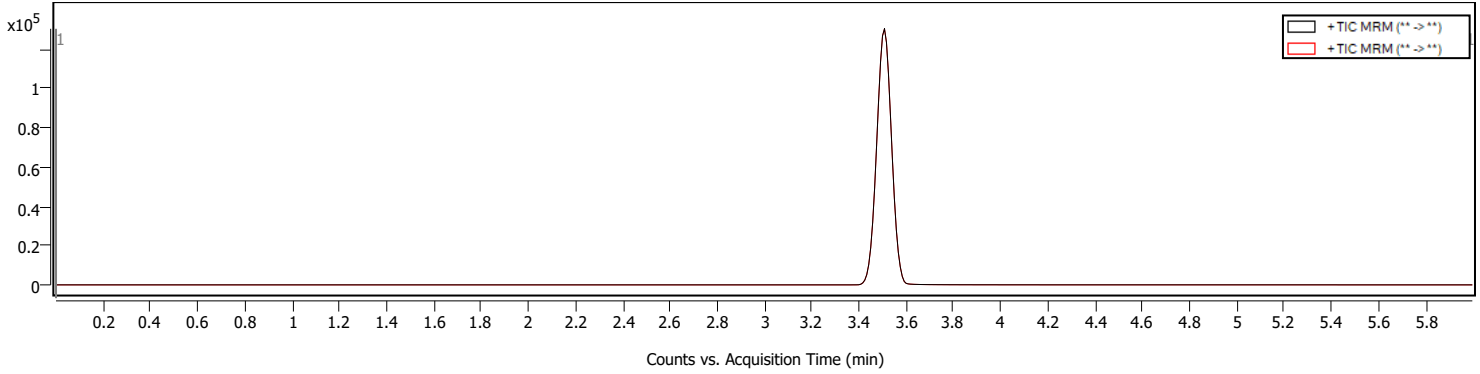
Qualitative Analysis Report



Sample Information

Name	752_34-EtPV	Data File Path	D:\Kykeon\Data\2023\11-29\752_34-EtPVMRM.d
Sample ID		Acq. Time (Local)	11/30/2023 1:57:55 PM (UTC+01:00)
Instrument	Instrument 1	Method Path (Acq)	D:\Kykeon\methods\dMRM-605min50mmNormalC18-EtPV.m
MS Type	QQQ	Version (Acq SW)	Ultivo LC/TQ C.01.00 (B1677.1 SR1)
Inj. Vol. (ul)	1	IRM Status	
Position	P1-F9	Method Path (DA)	D:\Kykeon\methods\ReportWorkflowMethod-MRM.m
Operator		Result Summary	2 qualified (2 targets)

Sample Chromatograms



Compound Summary

Cpd	Name	Formula	Mass	RT	Area	m/z	Algorithm
1	3,4-Pr-PipVP			Not Detected	-	-	MRM
2	3,4-EtPV			3.512	407951	258.0	MRM

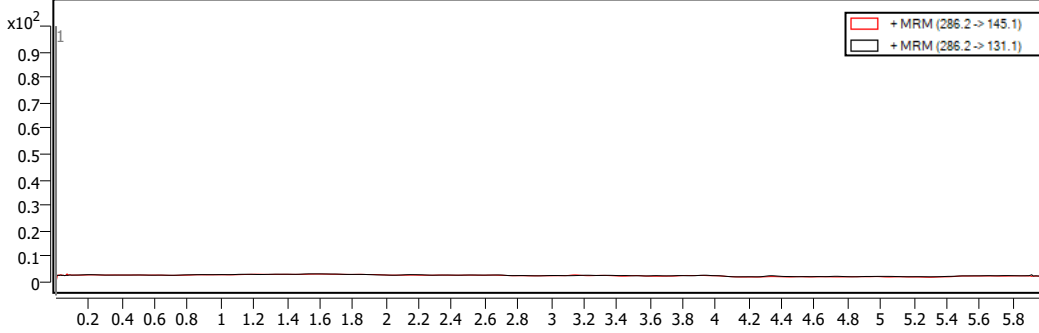
Qualitative Analysis Report

Compound Details

Cpd. 1: 3,4-Pr-PipVP

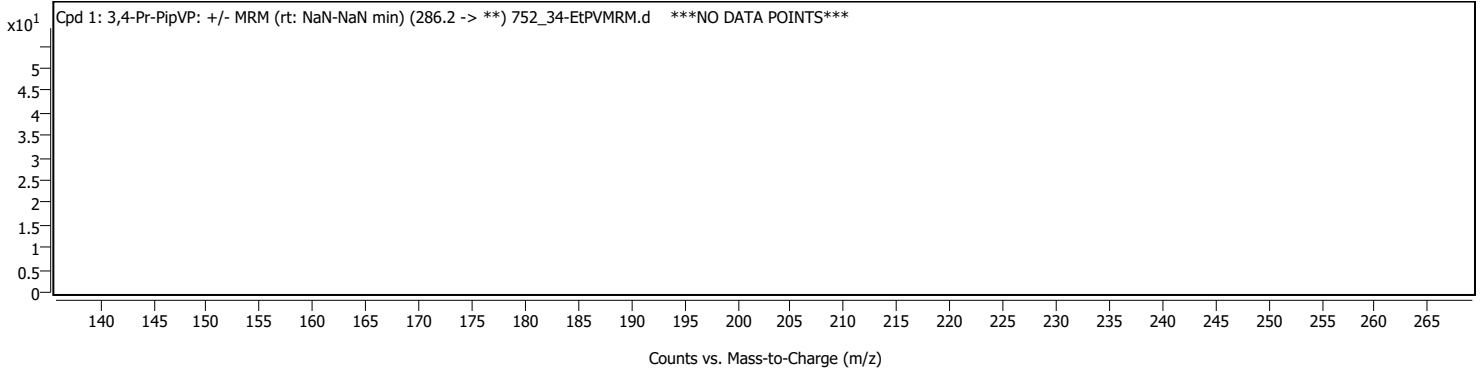
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
3,4-Pr-PipVP			Not Detected	-	286.2	145.1	10.00		MRM

Compound Chromatograms (overlaid)



Structure

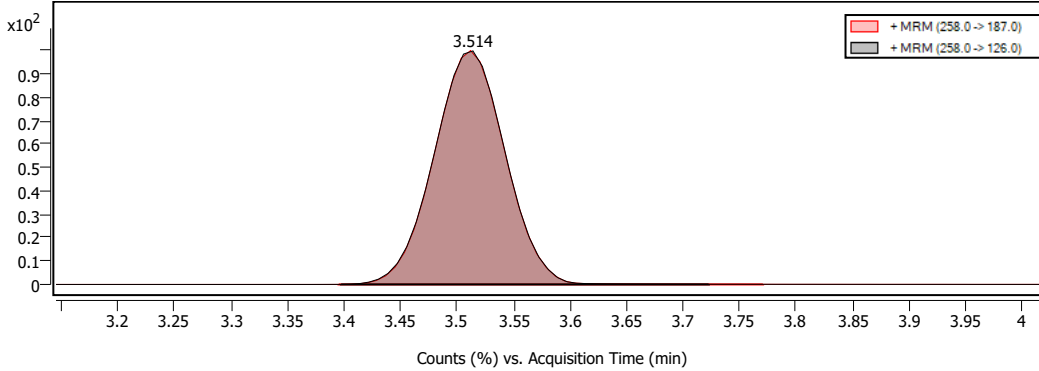
MS/MS Spectra



Cpd. 2: 3,4-EtPV

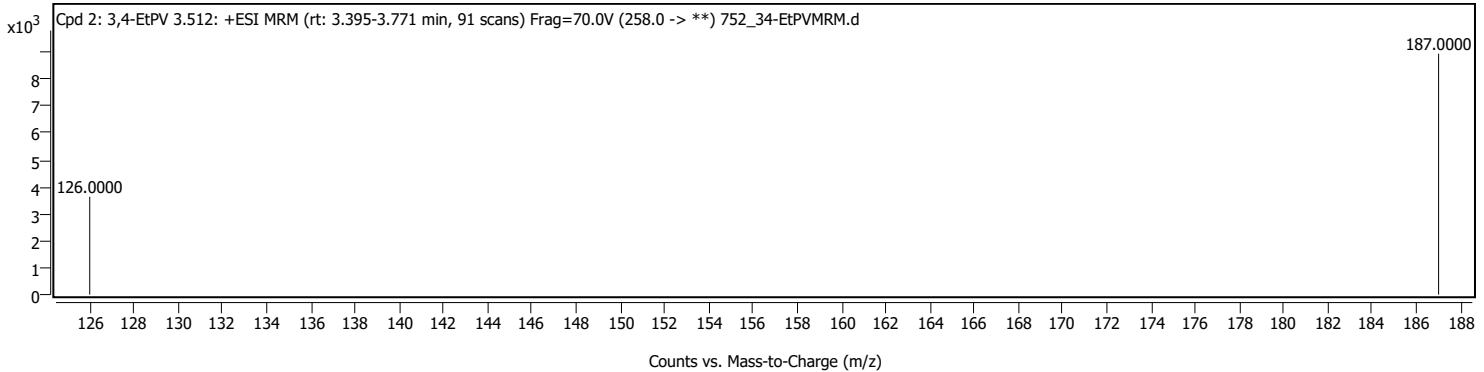
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
3,4-EtPV			3.512	407951	258.0	187.0	10.00		MRM

Compound Chromatograms (overlaid)



Structure

MS/MS Spectra



MassHunter Qual 10.0
(End of Report)

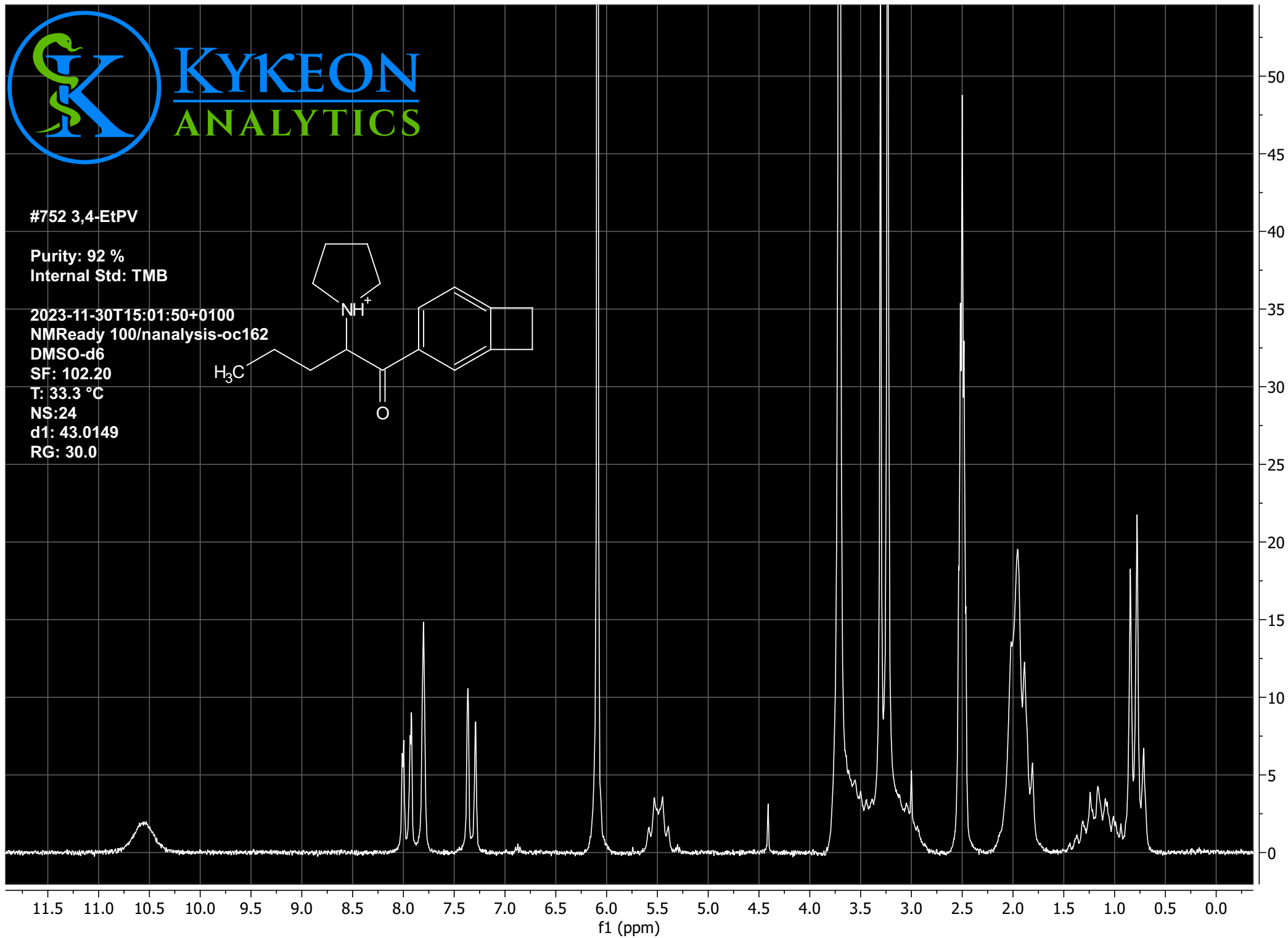
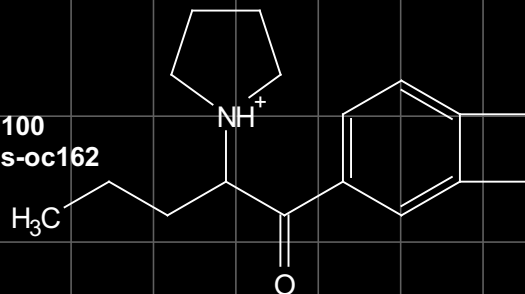


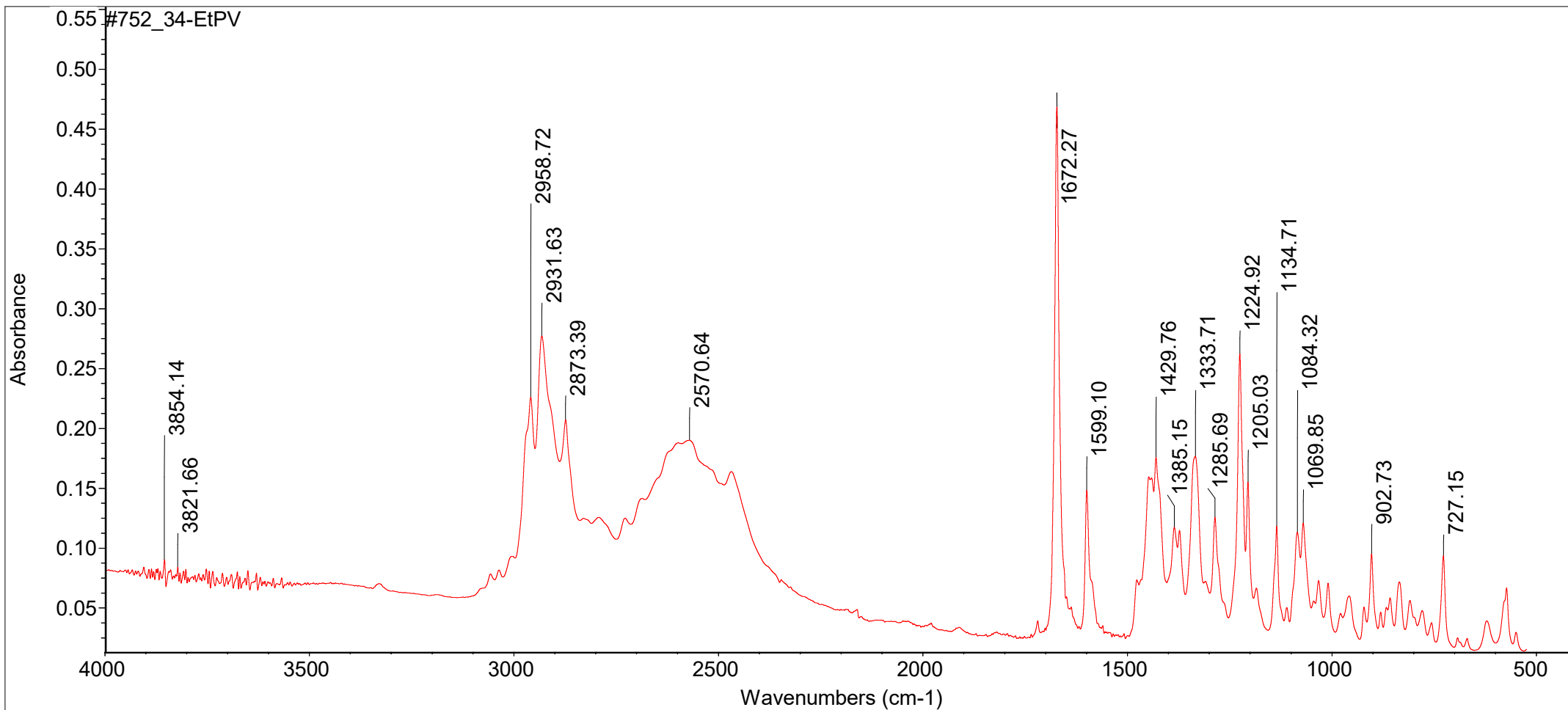
KYKEON
ANALYTICS

#752 3,4-EtPV

Purity: 92 %
Internal Std: TMB

2023-11-30T15:01:50+0100
NMReady 100/nanalysis-oc162
DMSO-d6
SF: 102.20
T: 33.3 °C
NS:24
d1: 43.0149
RG: 30.0





Fri Dec 01 20:18:23 2023 (GMT+01:00)

FIND PEAKS:

Spectrum: #752_34-EtPV
 Region: 4000.00 400.00
 Absolute threshold: 0.078
 Sensitivity: 50
 Peak list:

Position:	727.15	Intensity:	0.0936
Position:	902.73	Intensity:	0.0954
Position:	1069.85	Intensity:	0.121
Position:	1084.32	Intensity:	0.113
Position:	1134.71	Intensity:	0.118
Position:	1205.03	Intensity:	0.156
Position:	1224.92	Intensity:	0.263

Position:	1285.69	Intensity:	0.126
Position:	1333.71	Intensity:	0.176
Position:	1385.15	Intensity:	0.117
Position:	1429.76	Intensity:	0.176
Position:	1599.10	Intensity:	0.149
Position:	1672.27	Intensity:	0.470
Position:	2570.64	Intensity:	0.190
Position:	2873.39	Intensity:	0.207
Position:	2931.63	Intensity:	0.277
Position:	2958.72	Intensity:	0.226
Position:	3821.66	Intensity:	0.0845
Position:	3854.14	Intensity:	0.0909