

# Gesamtauswertung Probe 1

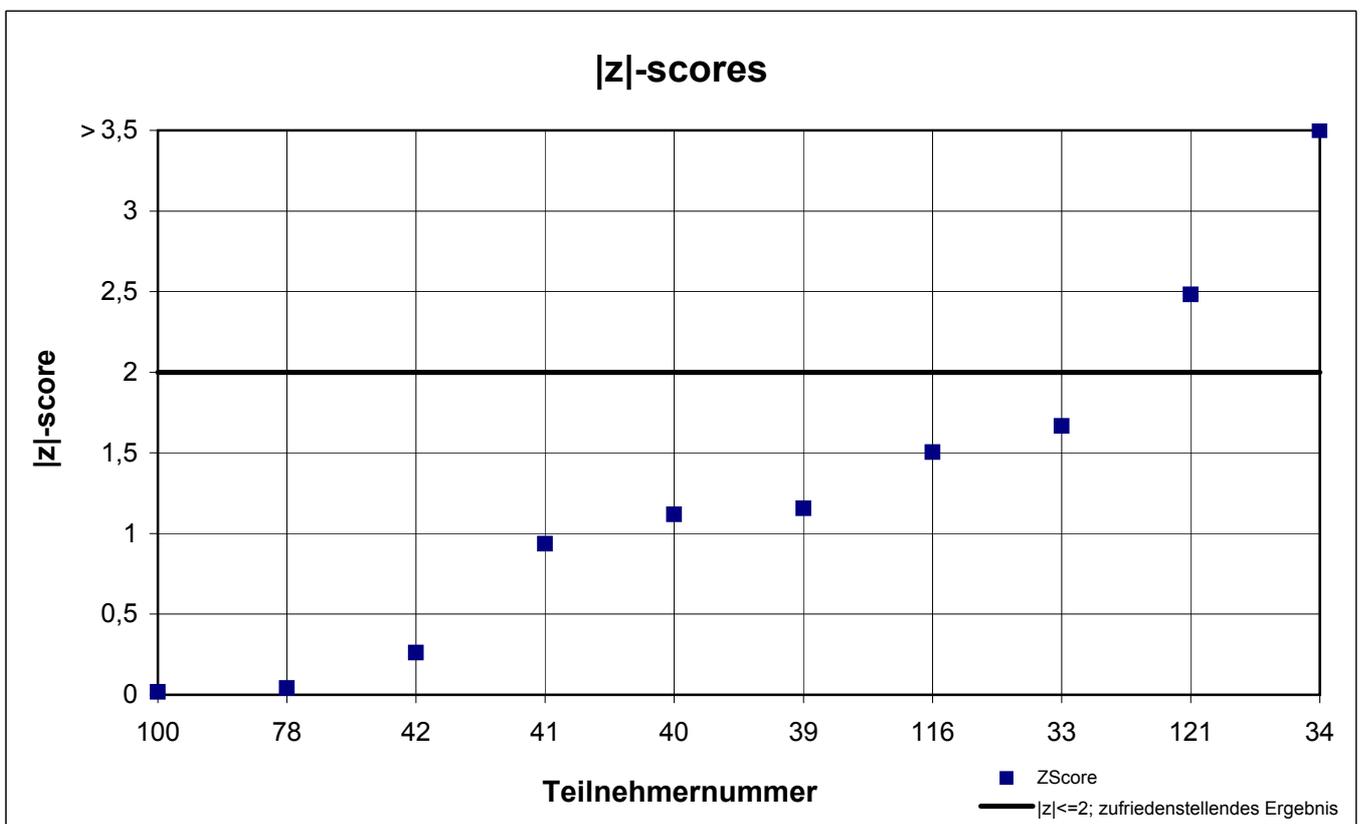
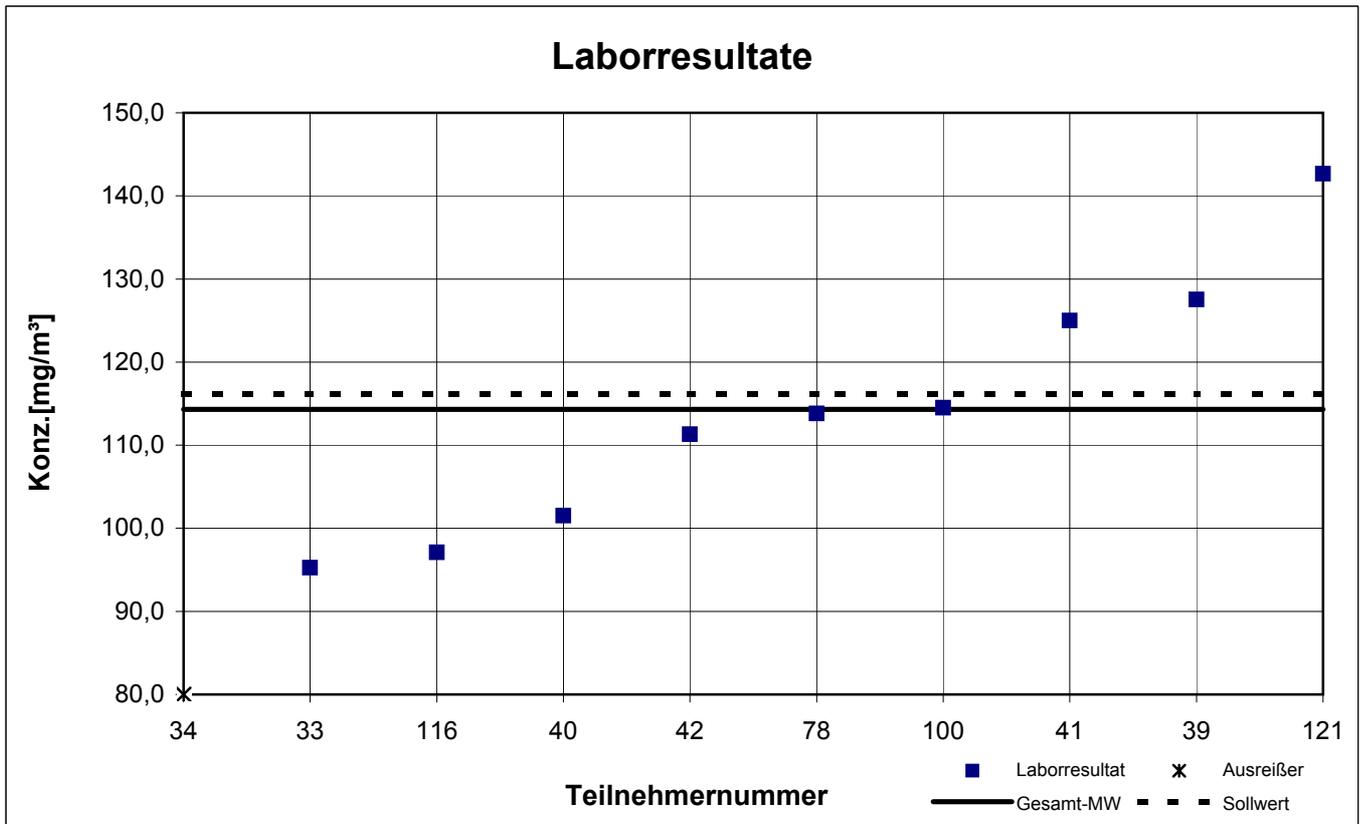
Teilnehmer- nummer	2-Butanon		2-Hexanon		4-Methyl-2-pentanon		Aceton	
	Labor- resultat [mg/m³]	z  - score						
33	95,23	1,7	36,23	0,8	79,40	0,3	101,0	0,6
34	69,50	3,9	29,63	2,5	87,20	0,7	100,5	0,6
39	127,5	1,2	40,51	0,3	86,70	0,7	97,31	0,1
40	101,5	1,1	35,97	0,9	72,37	1,2	107,1	1,5
41	125,0	0,9	44,00	1,2	84,33	0,3	87,00	1,2
42	111,3	0,3	38,36	0,3	76,12	0,7	92,77	0,5
78	113,8	0,0	38,70	0,2	76,57	0,7	94,28	0,3
100	114,5	0,0	49,00	2,4	89,00	1,0	k.A.	k.A.
116	97,10	1,5	34,17	1,3	70,77	1,4	84,10	1,6
121	142,7	2,5	47,30	2,0	94,00	1,6	102,5	0,8

Die mit  gekennzeichneten Felder sind Ausreißer!

	2-Butanon	2-Hexanon	4-Methyl-2- pentanon	Aceton
Gesamtmittelwert $c_k$ [mg / m³]	114,3	39,40	81,65	96,28
Standardabweichung $S_k$ [mg/m³]	15,515	5,992	7,718	7,476
rel. Standardabweichung [%]	13,57	15,21	9,45	7,77
Mittelwert Kontrollproben (Sollwert)	116,2	37,40	77,40	98,80

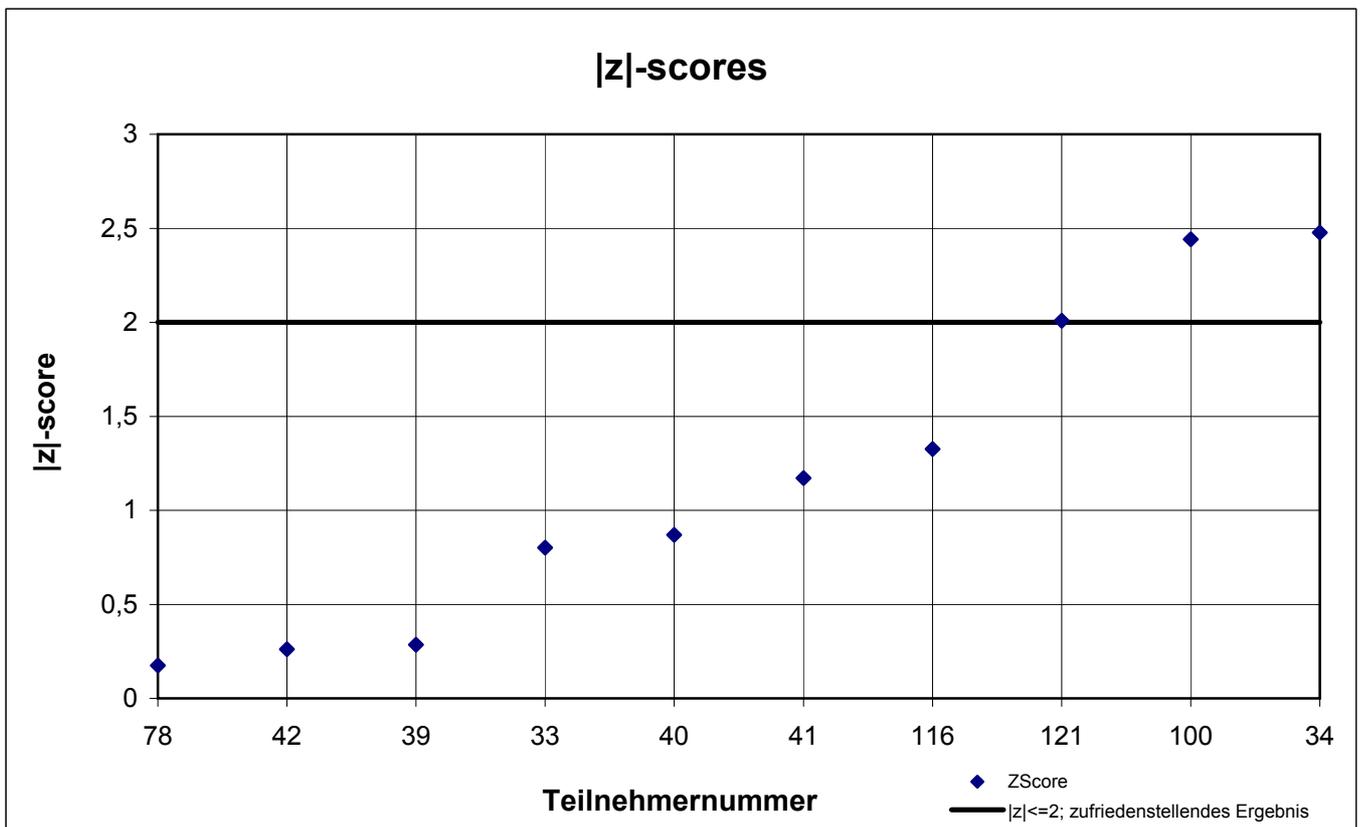
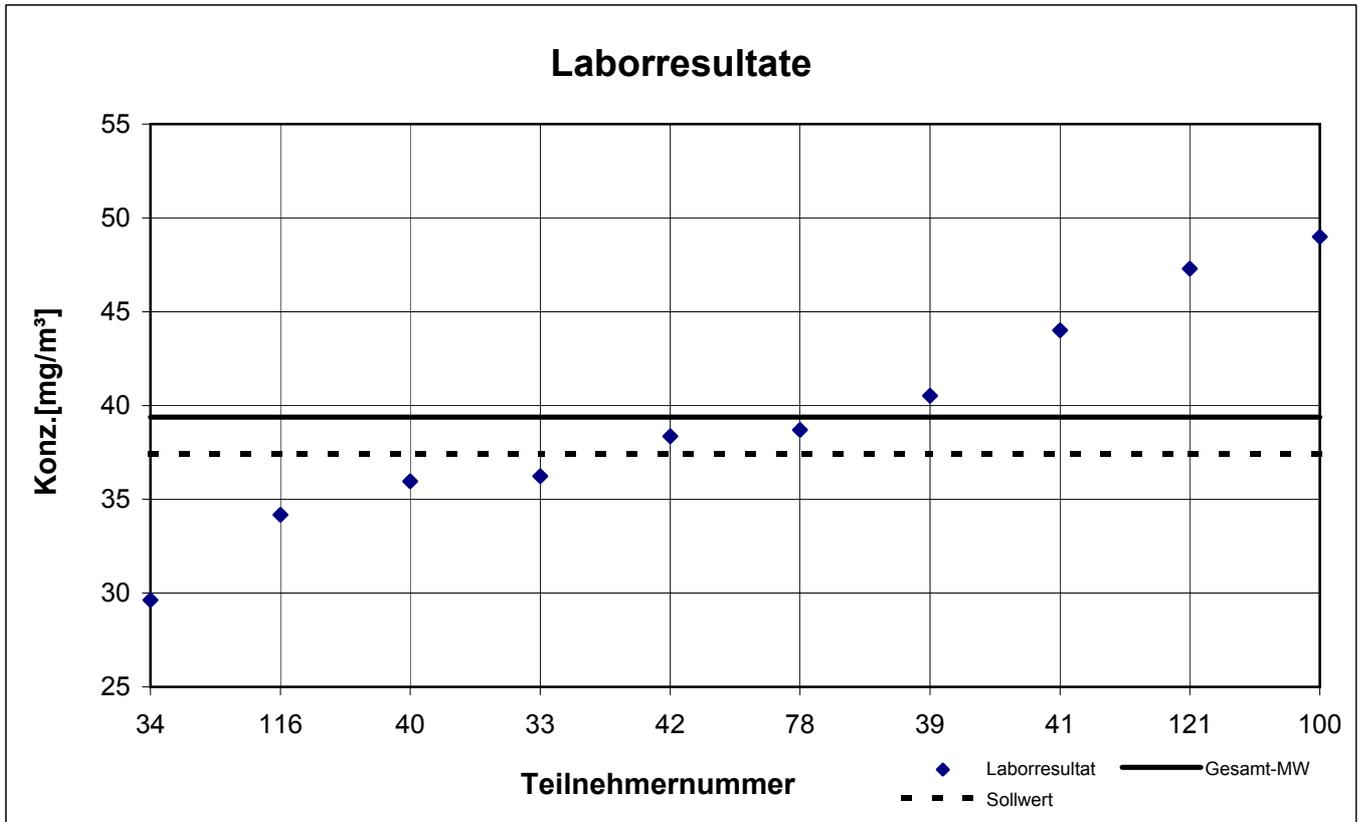
# Probe 1

## 2-Butanon



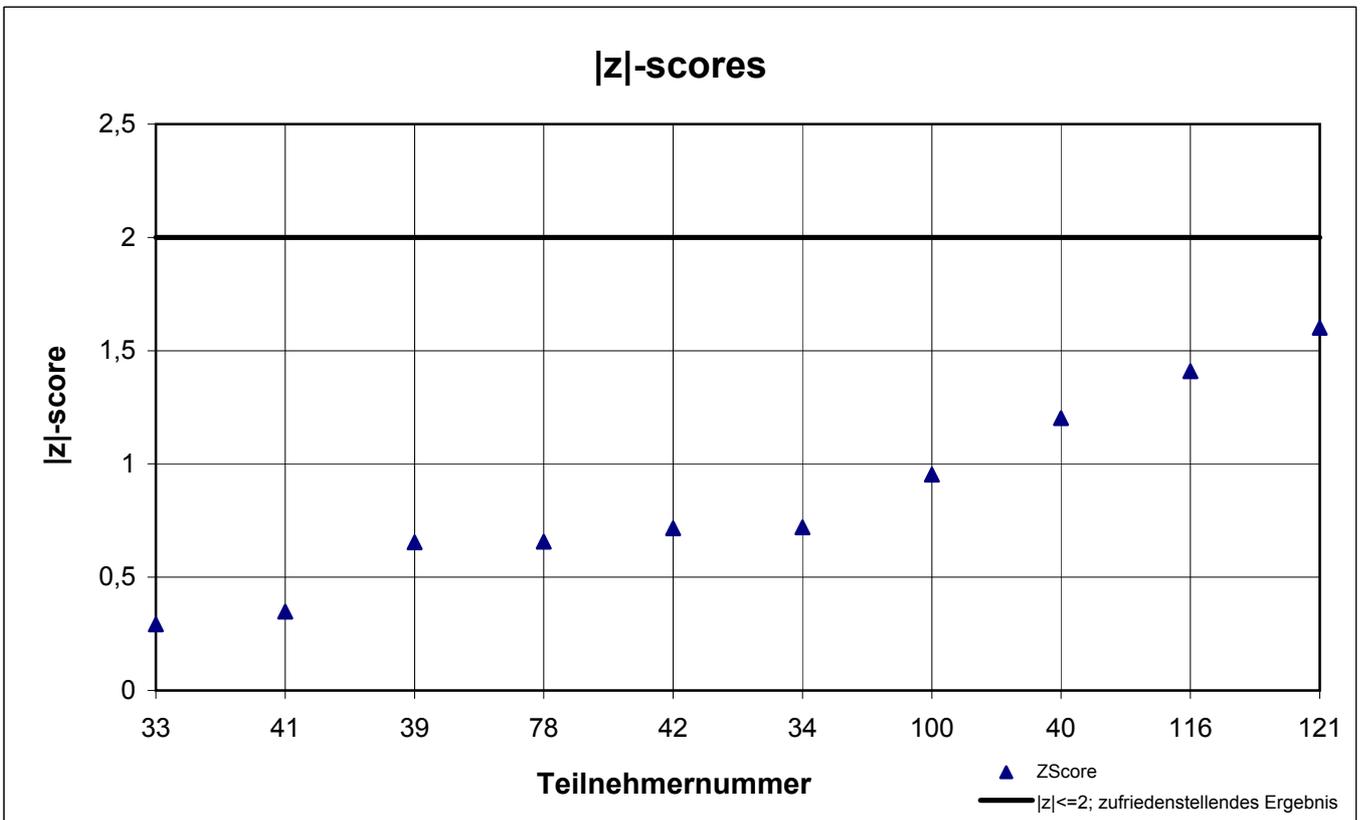
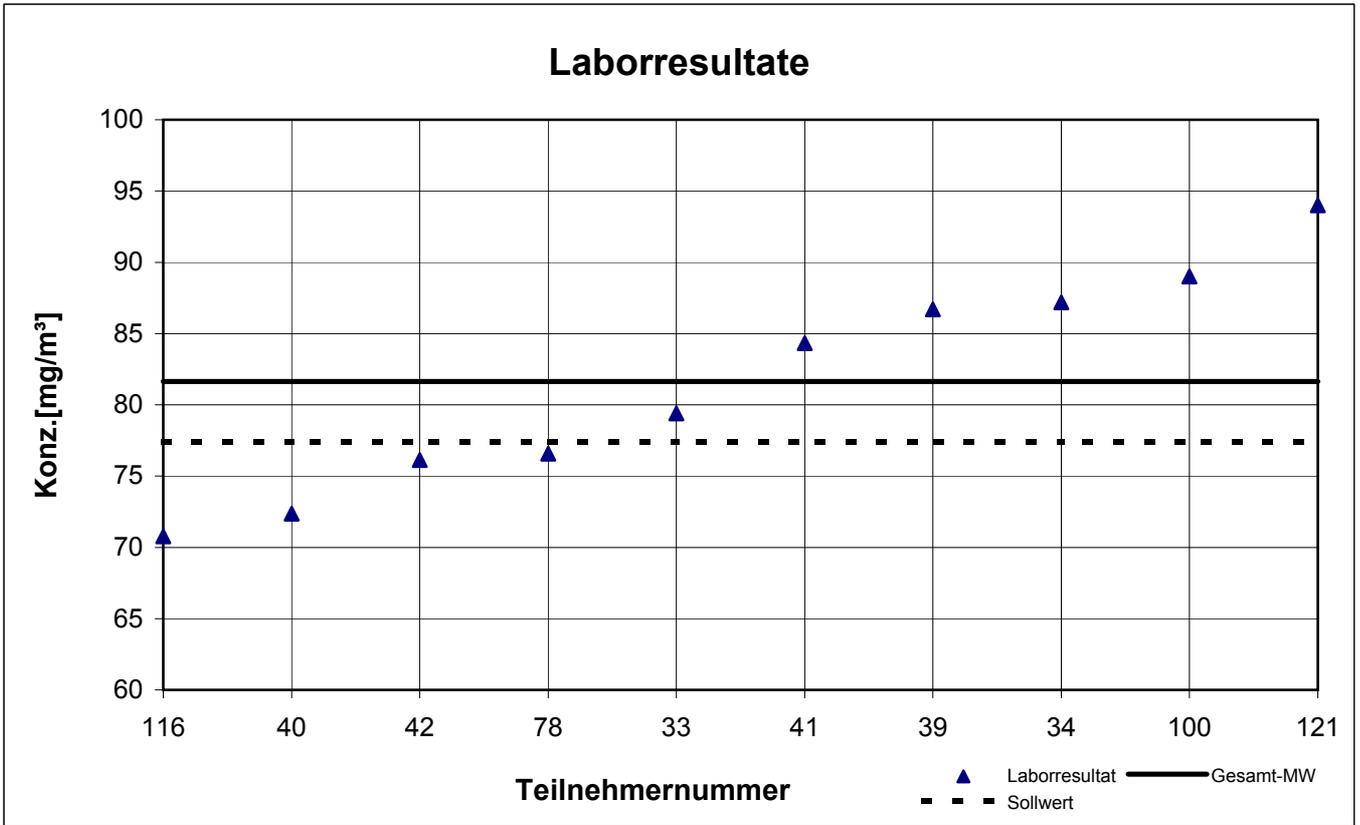
# Probe 1

## 2-Hexanon



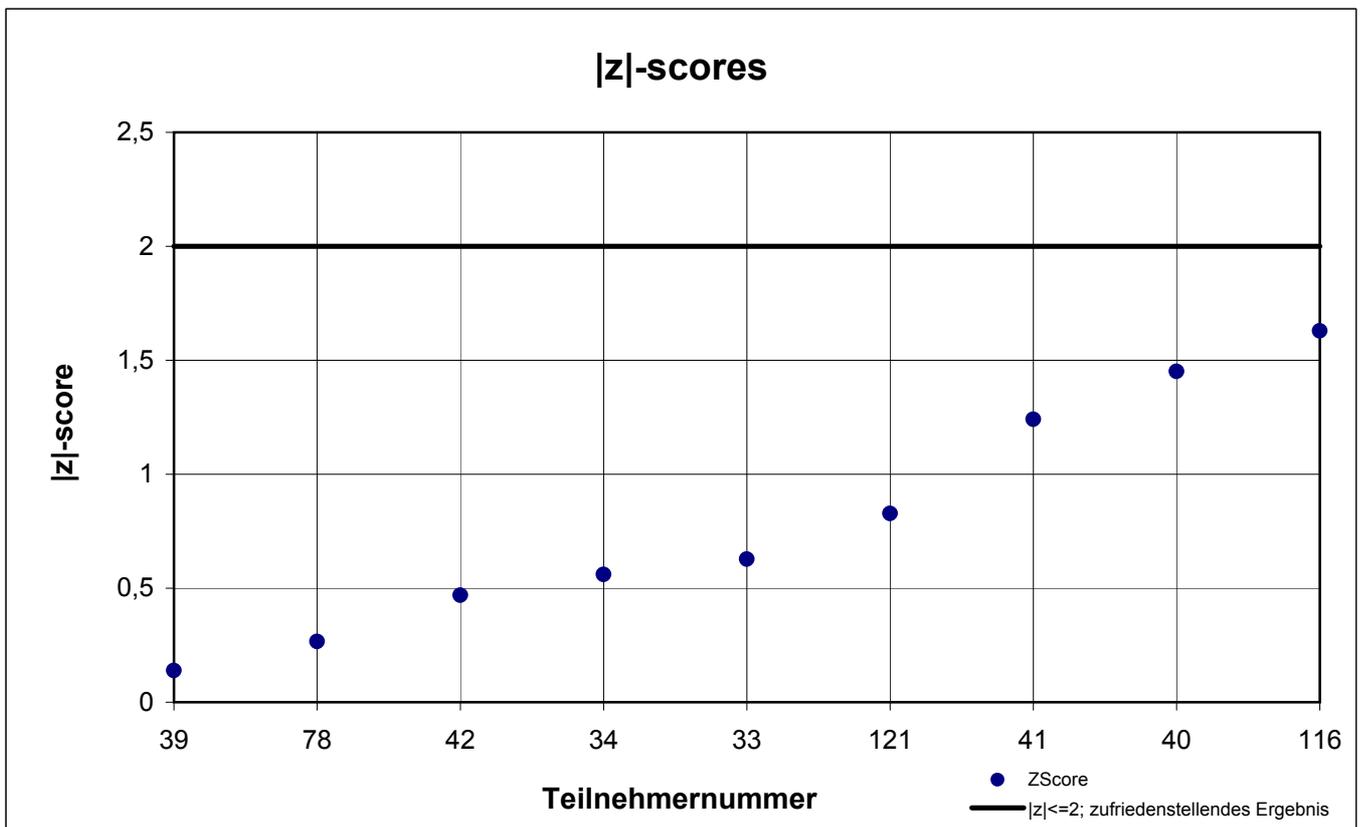
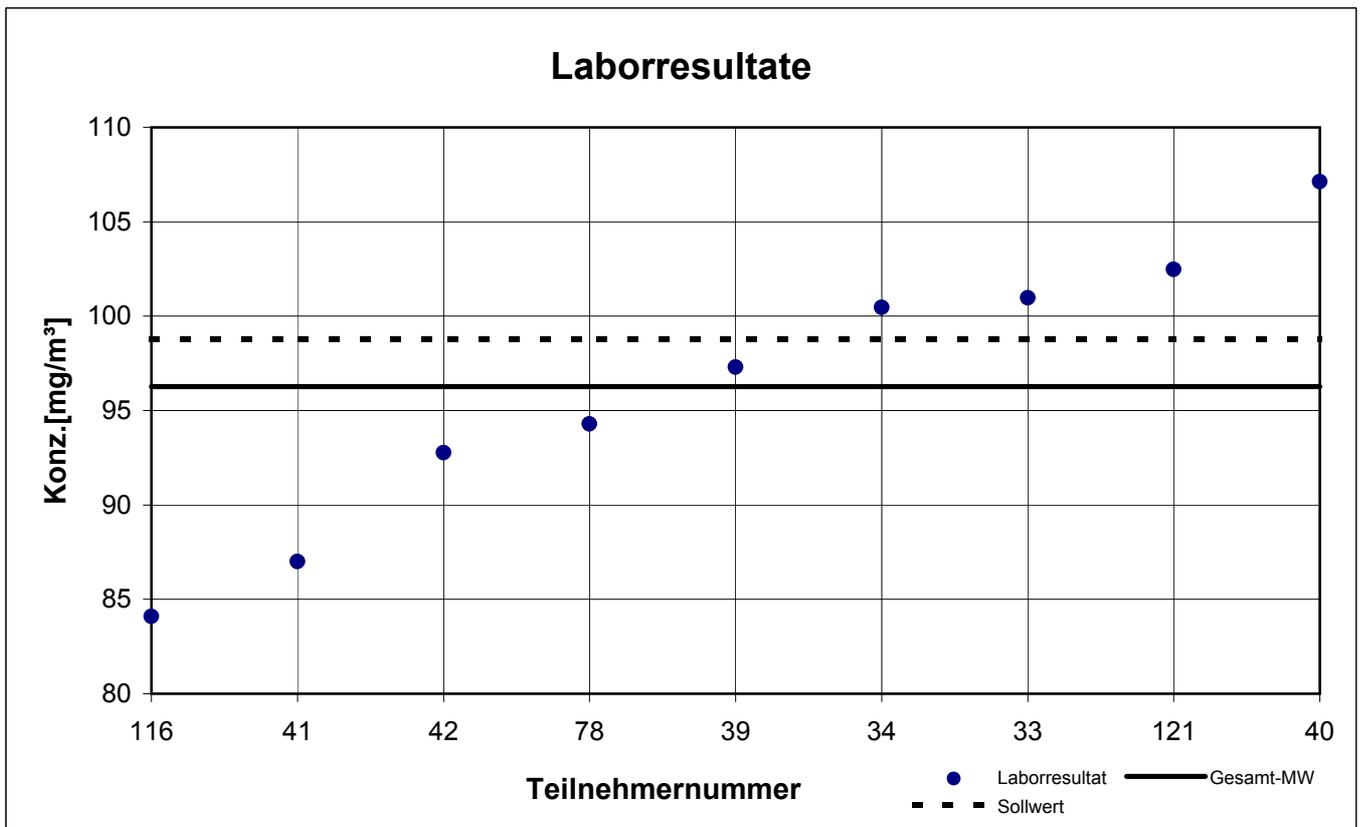
# Probe 1

## 4-Methyl-2-pentanon



# Probe 1

## Aceton



## Gesamtauswertung Probe 2

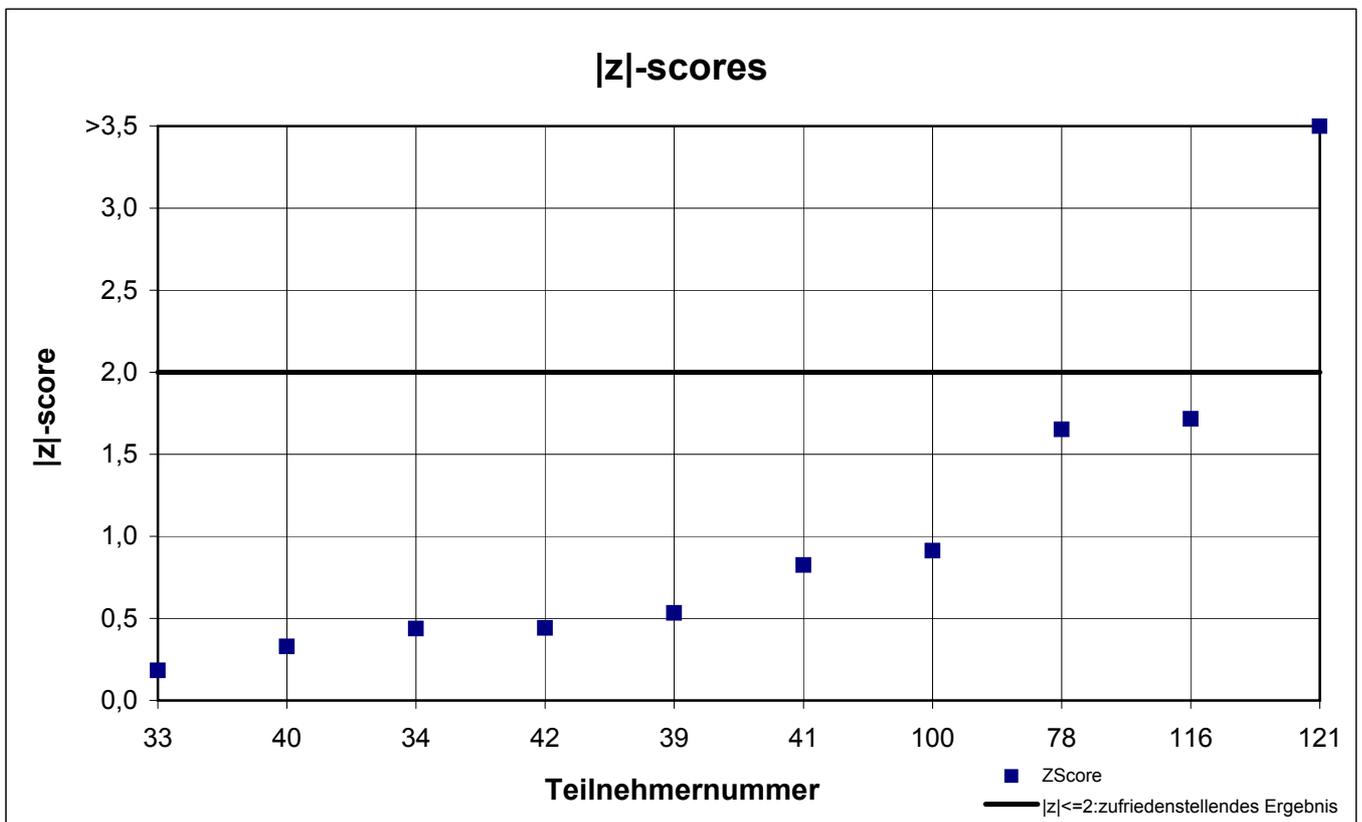
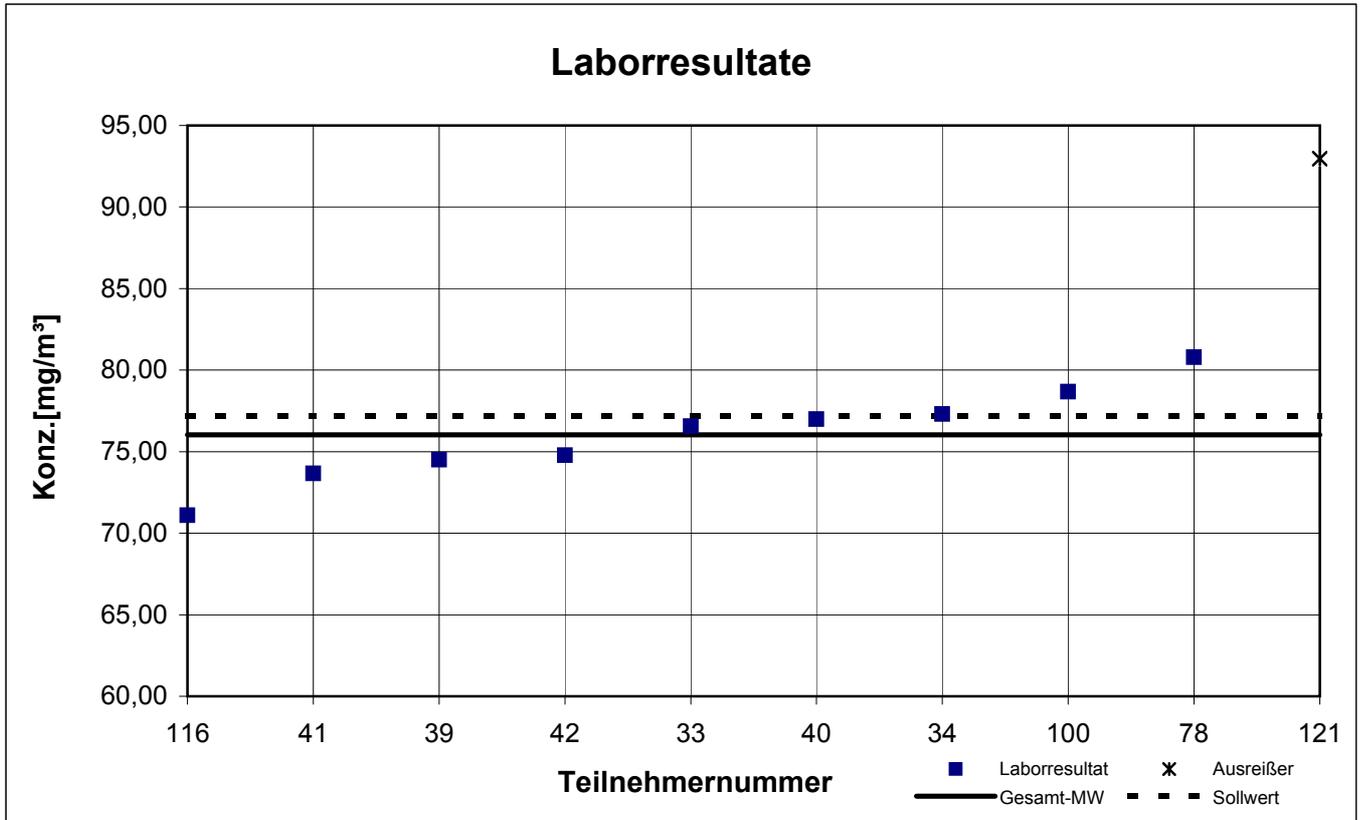
Teilnehmer- nummer	Ethylbenzol		n-Nonan		n-Oktan		Toluol	
	Labor- resultat [mg/m <sup>3</sup> ]	z  - score						
33	76,57	0,2	148,9	0,4	150,4	0,4	80,77	1,2
34	77,30	0,4	152,2	1,7	150,3	0,4	62,90	1,9
39	74,51	0,5	147,4	0,1	151,0	0,5	79,34	1,0
40	76,98	0,3	147,8	0,0	156,9	1,7	68,40	1,0
41	73,67	0,8	145,0	1,1	149,3	0,2	75,67	0,3
42	74,77	0,4	150,0	0,9	149,1	0,1	75,20	0,2
78	80,79	1,7	148,4	0,2	145,9	0,5	72,64	0,2
100	78,67	0,9	147,0	0,3	144,0	0,9	72,33	0,3
116	71,10	1,7	143,4	1,7	139,5	1,8	70,97	0,5
121	92,97	5,9	172,0	9,4	173,0	5,0	80,50	1,2

Die mit  gekennzeichneten Felder sind Ausreißer!

	Ethylbenzol	n-Nonan	n-Oktan	Toluol
Gesamtmittelwert $c_k$ [mg / m <sup>3</sup> ]	76,04	147,8	148,5	73,87
Standardabweichung $S_k$ [mg/m <sup>3</sup> ]	2,877	2,582	4,910	5,666
rel. Standardabweichung [%]	3,78	1,75	3,31	7,67
Mittelwert Kontrollproben (Sollwert)	77,20	152,1	155,4	79,20

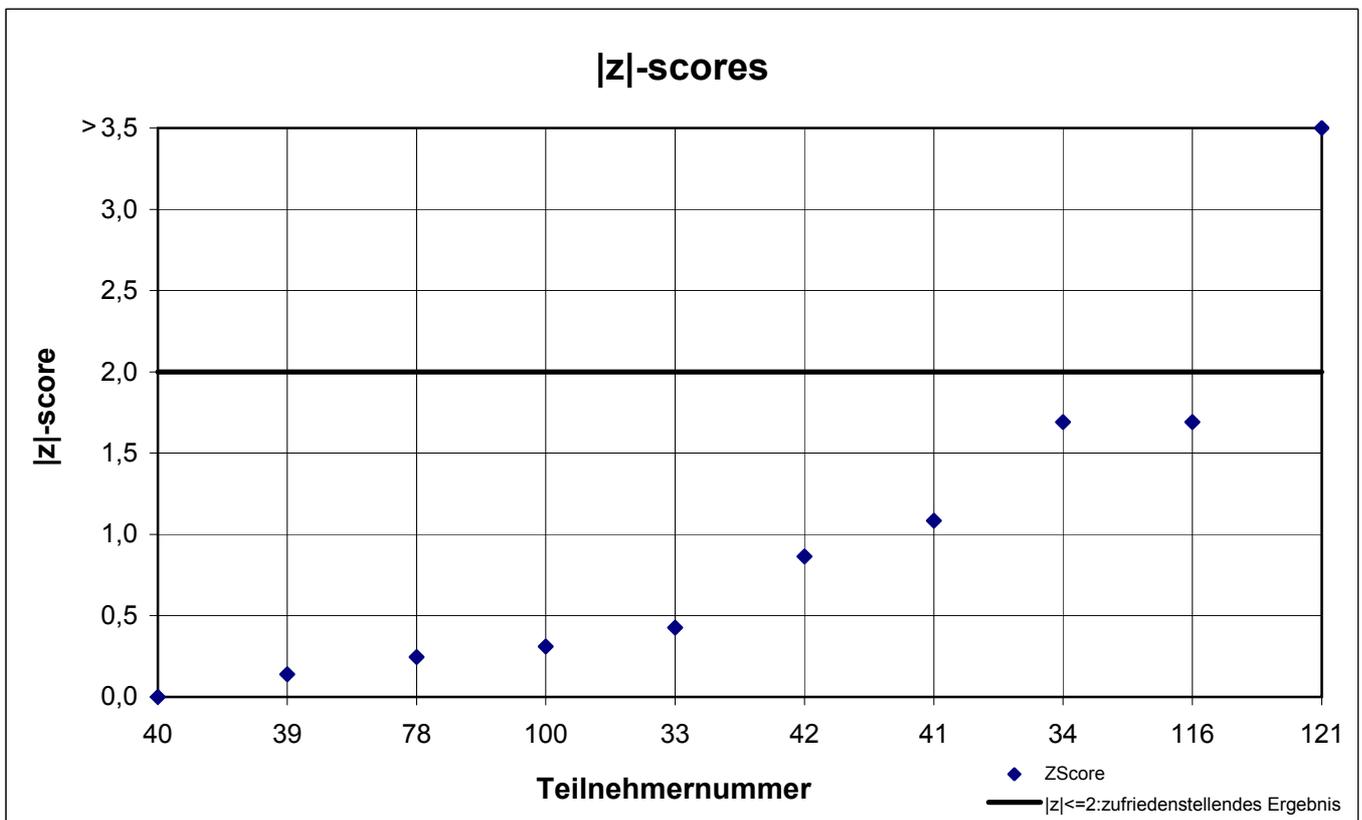
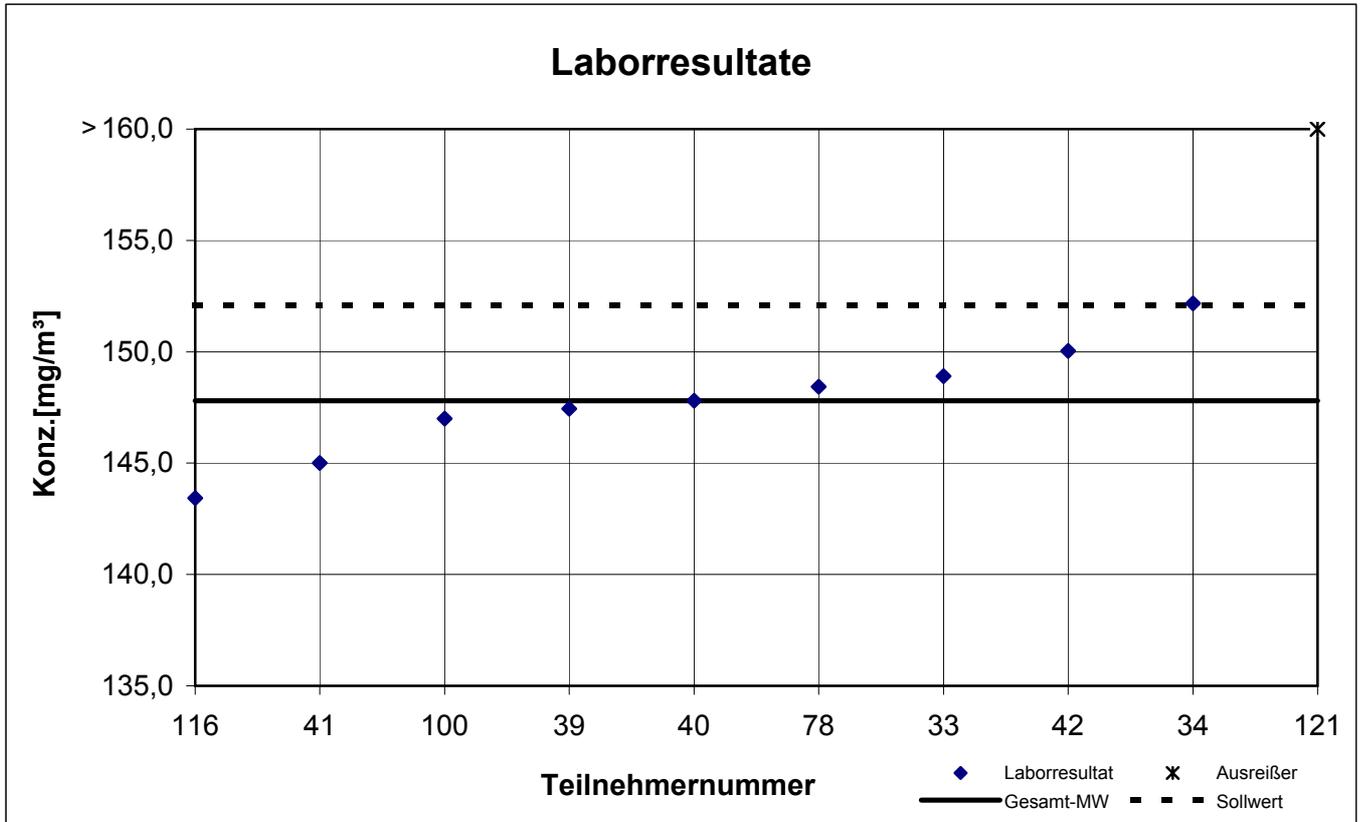
# Probe 2

## Ethylbenzol



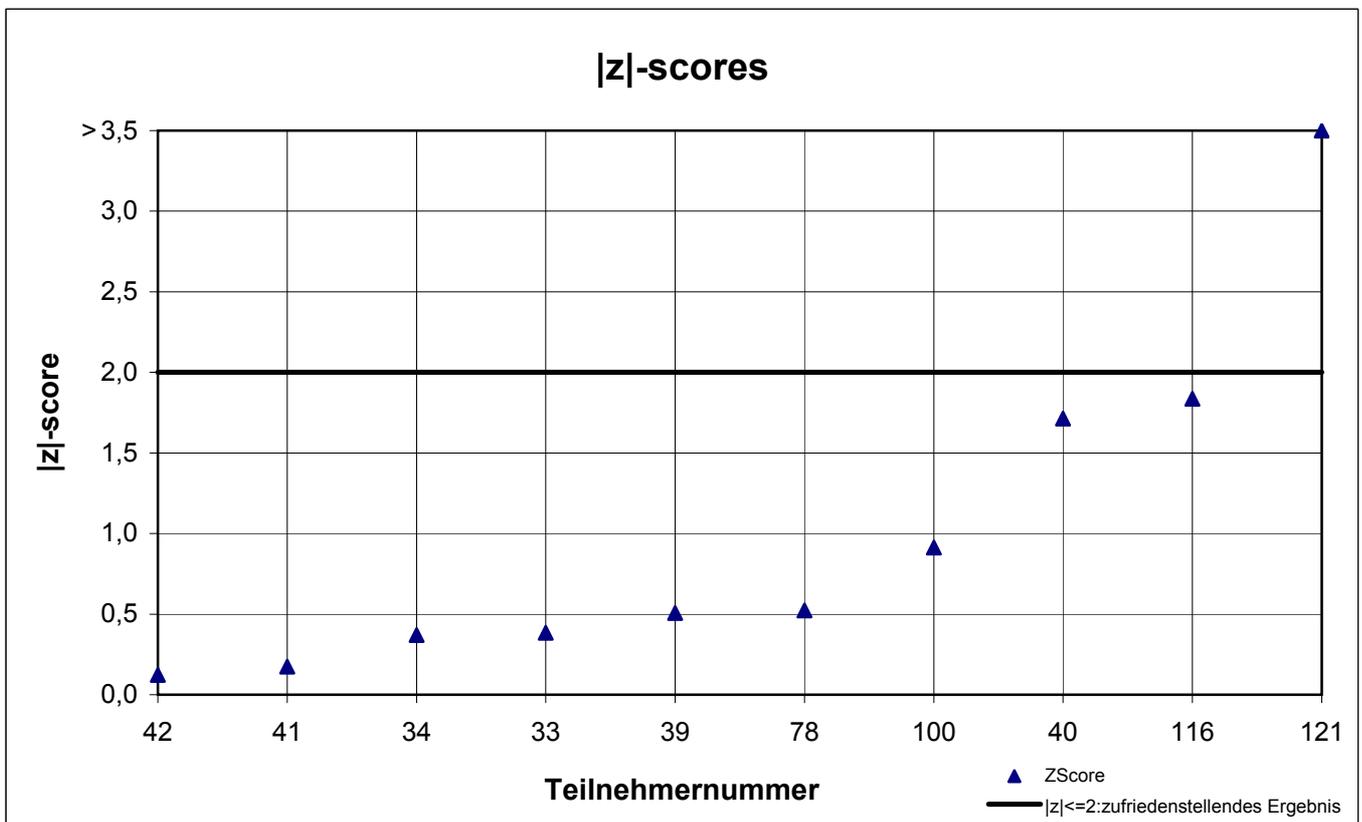
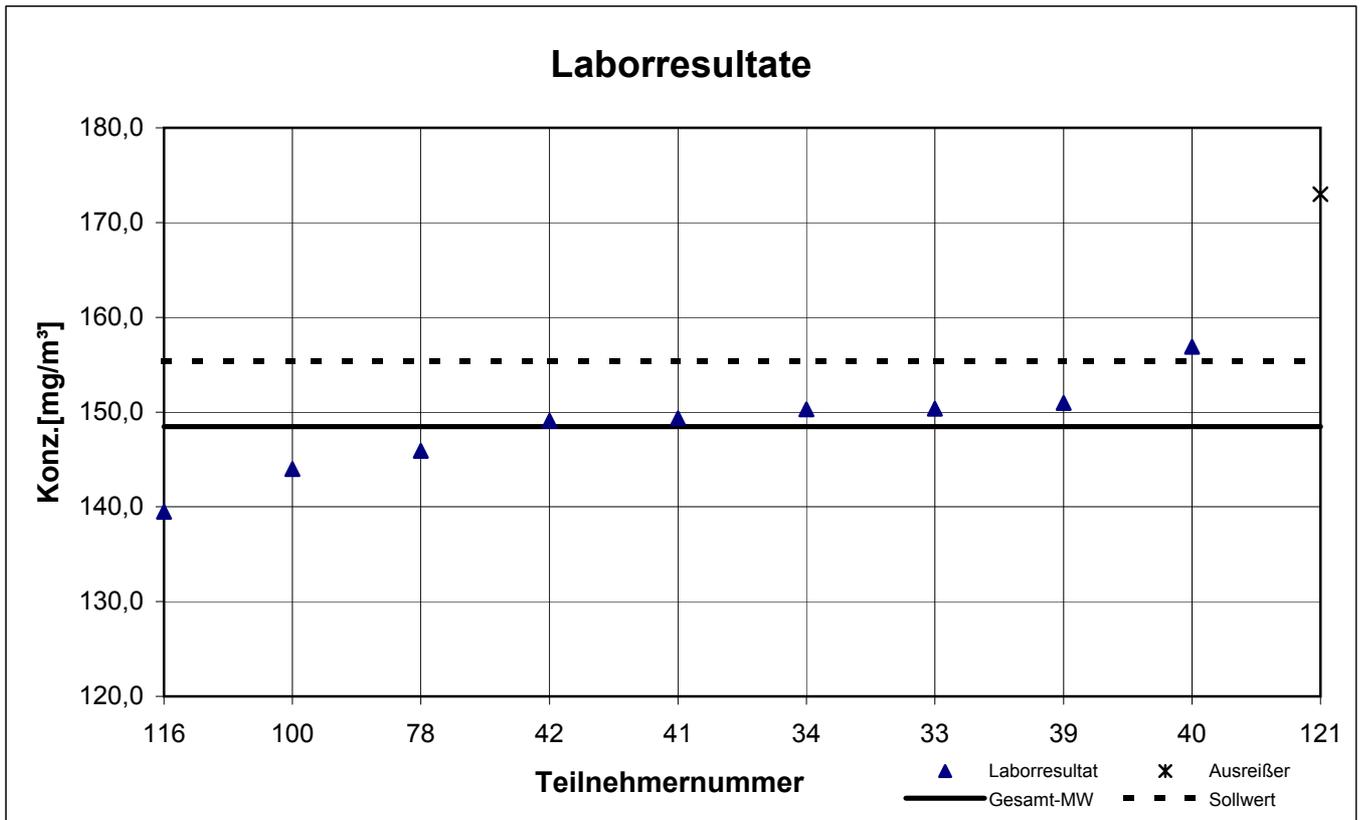
# Probe 2

## n-Nonan



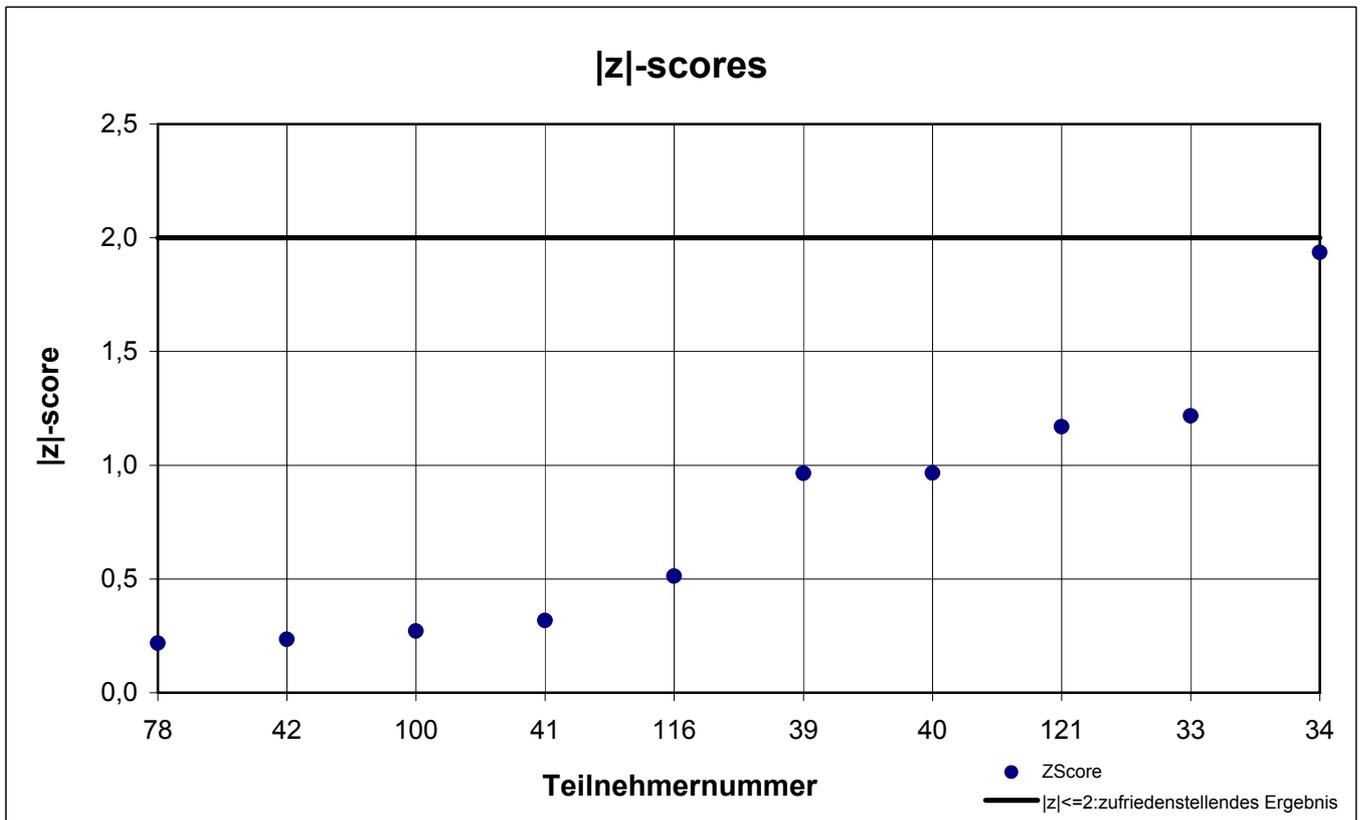
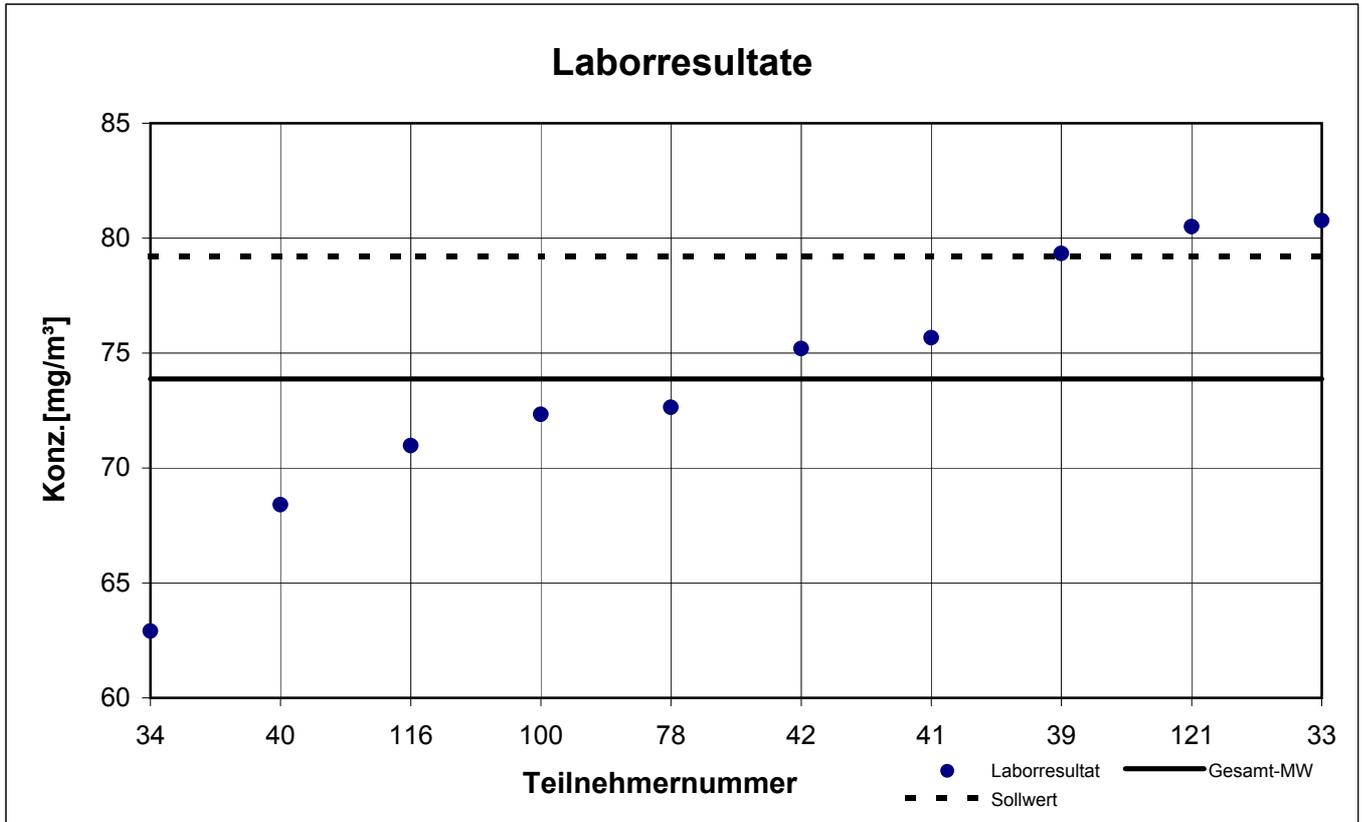
# Probe 2

## n-Oktan



# Probe 2

## Toluol



## Gesamtauswertung Probe 3

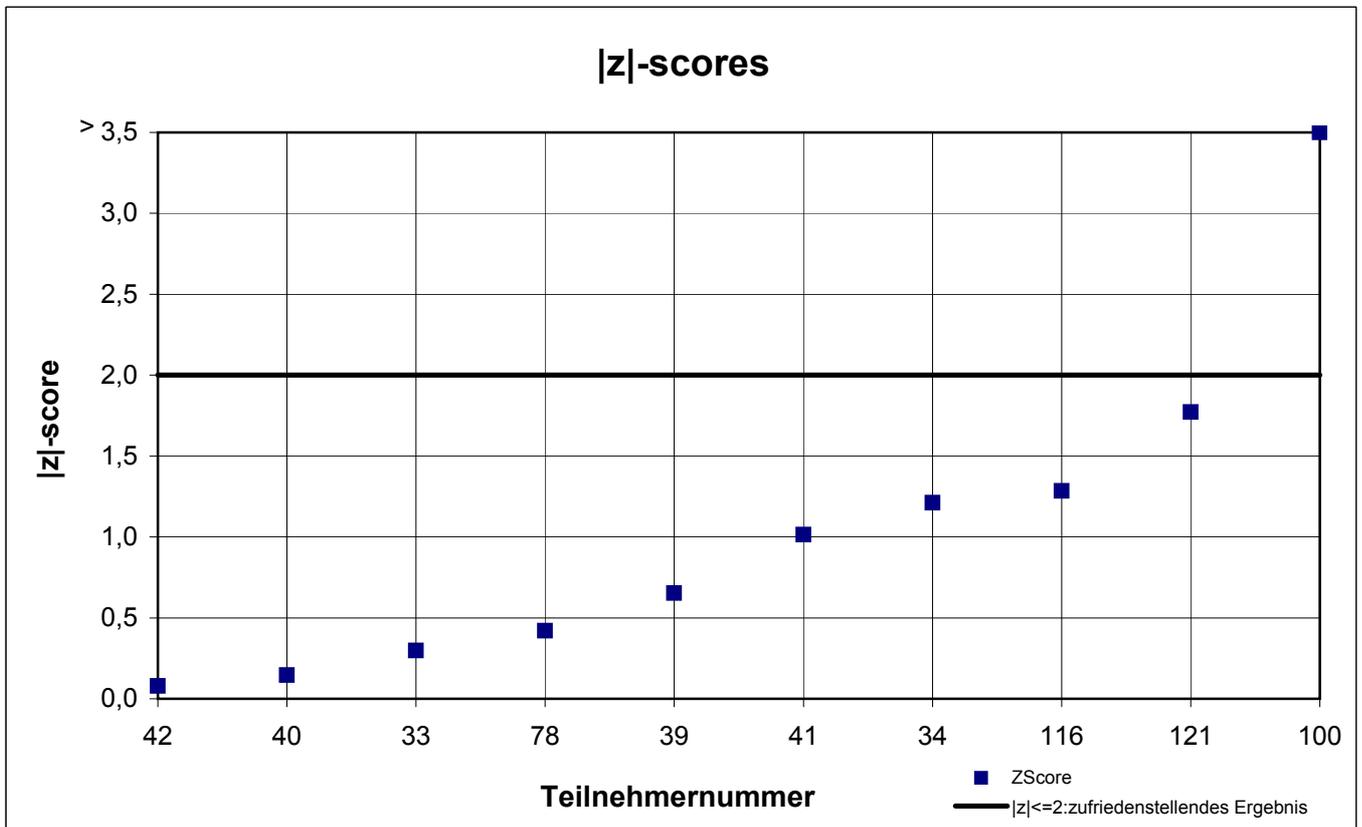
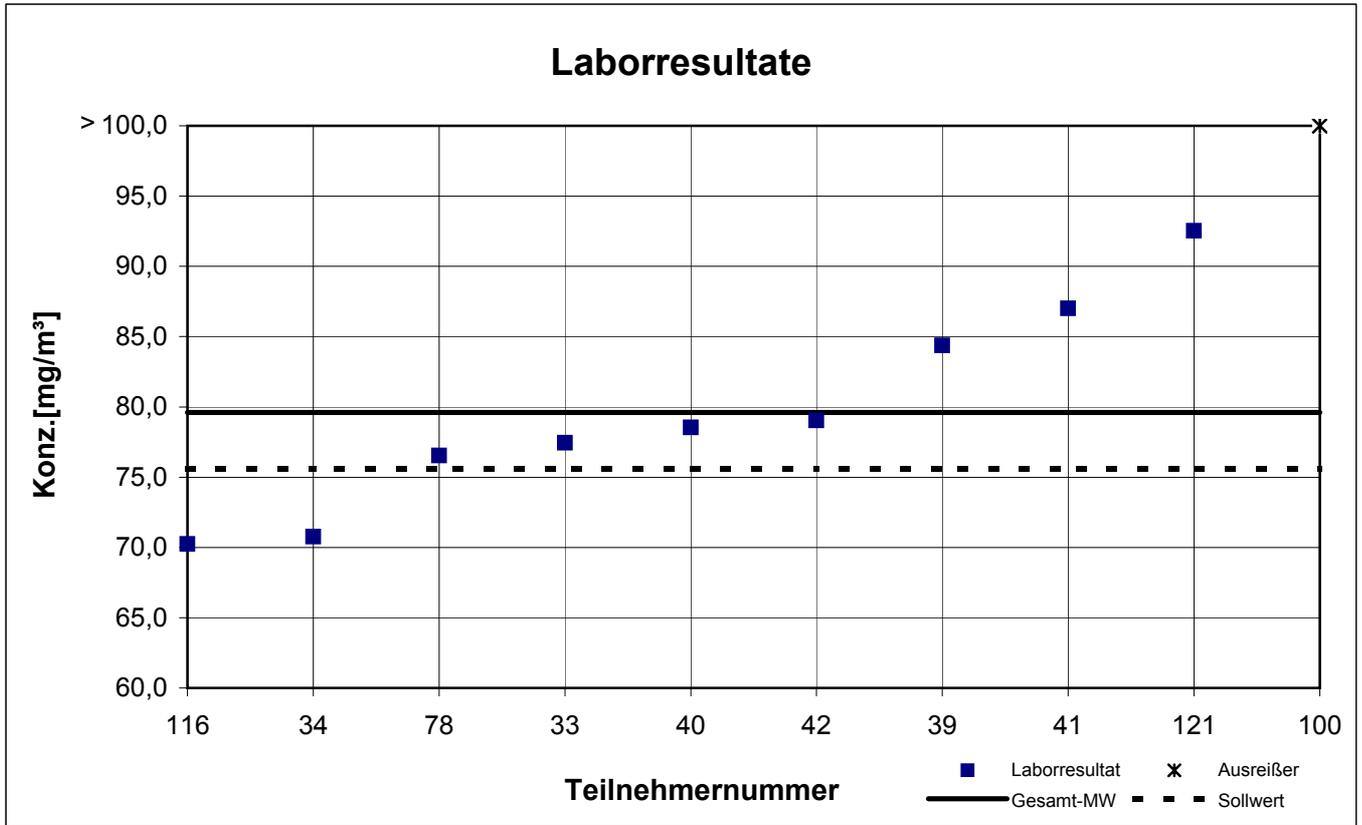
Teilnehmer- nummer	4-Methyl-2-pentanon		Cyclohexanon		Cyclopentanon	
	Labor- resultat [mg/m <sup>3</sup> ]	z  - score	Labor- resultat [mg/m <sup>3</sup> ]	z  - score	Labor- resultat [mg/m <sup>3</sup> ]	z  - score
33	77,43	0,3	61,63	1,9	103,2	1,3
34	70,77	1,2	21,43	7,2	26,80	7,7
39	84,37	0,7	82,09	0,8	124,3	0,5
40	78,55	0,1	68,39	1,0	118,5	0,0
41	87,00	1,0	85,00	1,2	125,7	0,6
42	79,03	0,1	79,46	0,5	113,8	0,4
78	76,54	0,4	76,29	0,1	114,0	0,4
100	120,0	5,5	87,50	1,5	143,0	2,1
116	70,23	1,3	59,17	2,2	90,70	2,3
121	92,53	1,8	82,67	0,9	132,3	1,2

Die mit  gekennzeichneten Felder sind Ausreißer!

	4-Methyl-2- pentanon	Cyclohexanon	Cyclopentanon
Gesamtmittelwert $c_k$ [mg / m <sup>3</sup> ]	79,61	75,80	118,4
Standardabweichung $S_k$ [mg/m <sup>3</sup> ]	7,298	10,333	15,521
rel. Standardabweichung [%]	9,17	13,63	13,11
Mittelwert Kontrollproben (Sollwert)	75,60	71,90	113,7

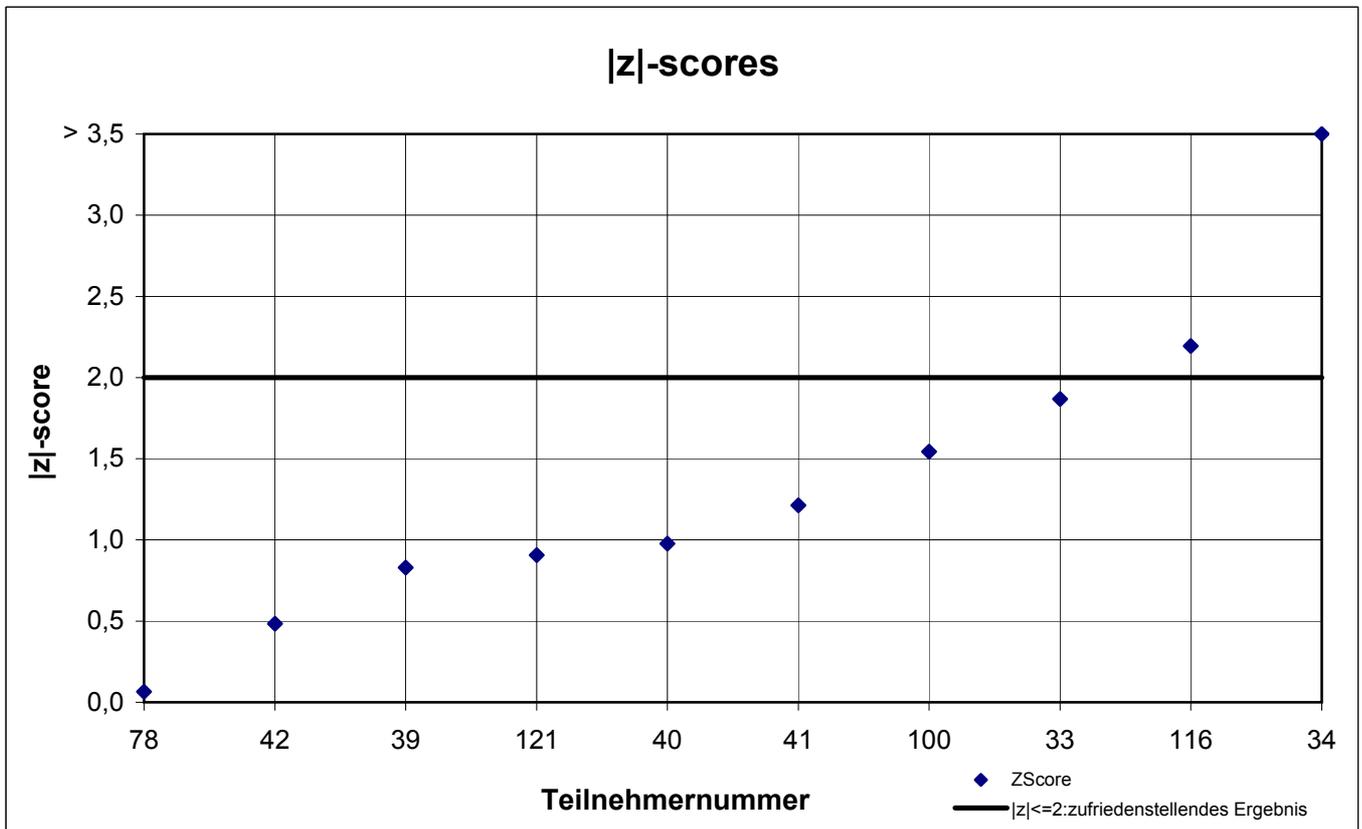
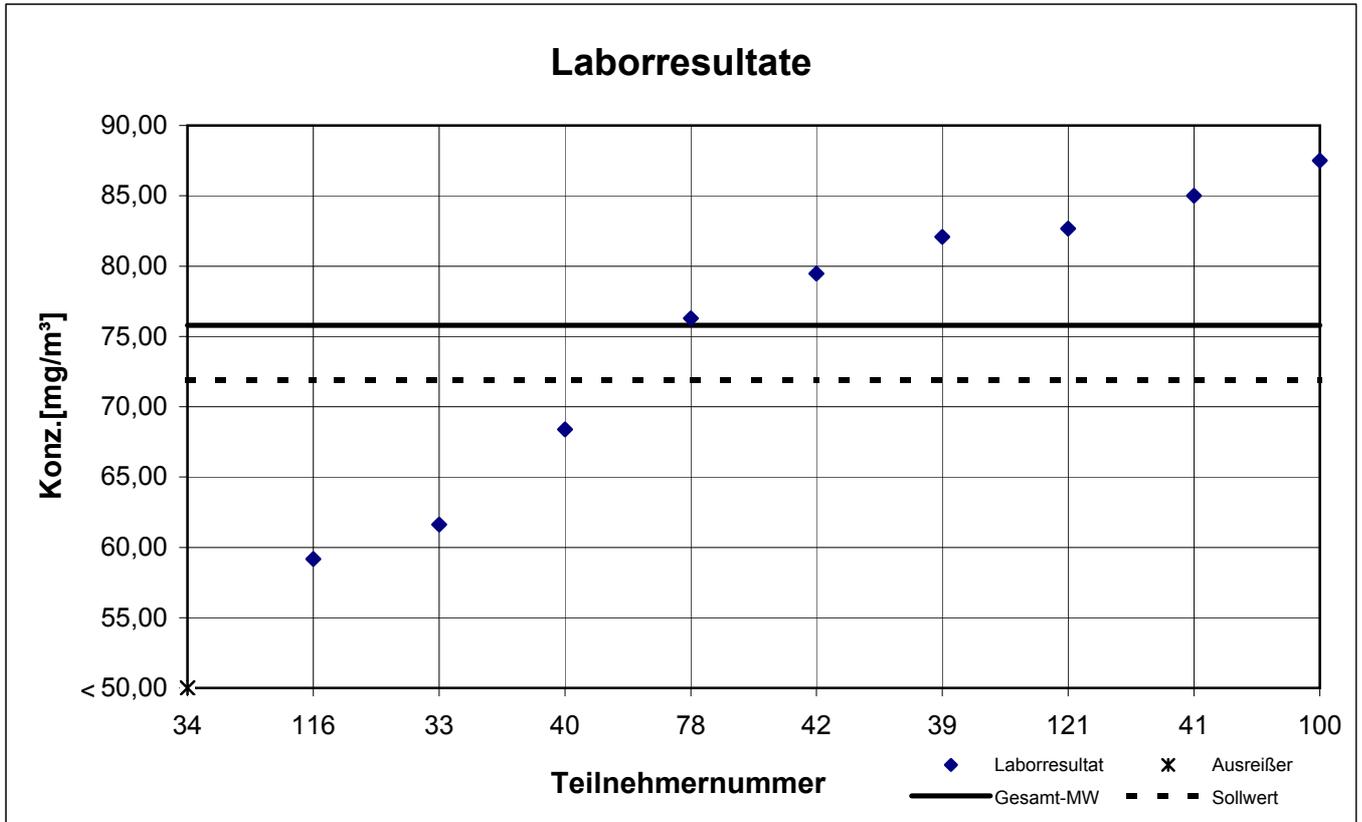
# Probe 3

## 4-Methyl-2-pentanon



# Probe 3

## Cyclohexanon 3



# Probe 3

## Cyclopentanon 3

