

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055491.D
 Acq On : 25 Sep 2023 13:33
 Operator : MD/SY
 Sample : 04579-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:22:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

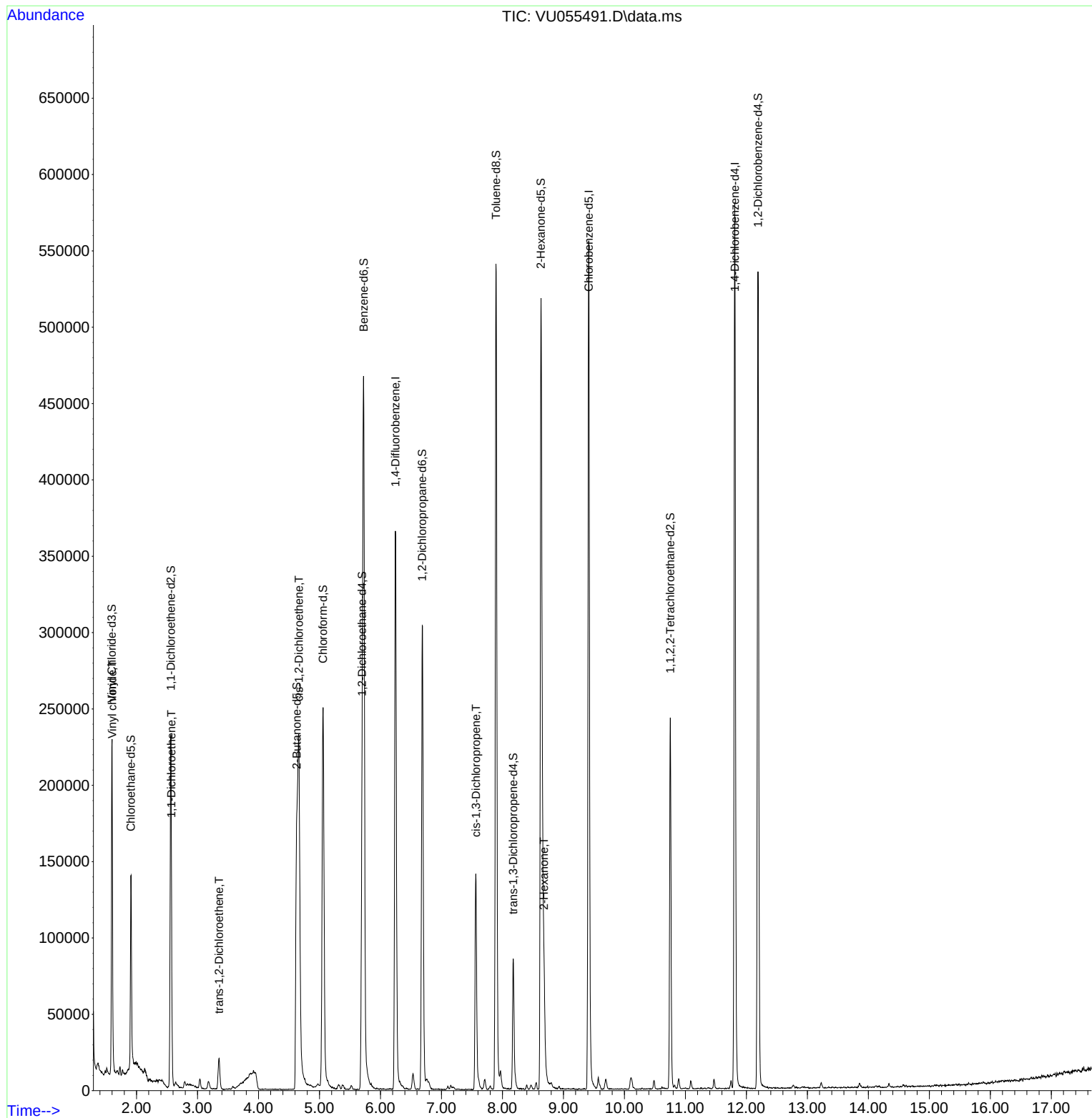
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	310016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	323125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	157343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96749	3.088	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.800%	
7) Chloroethane-d5	1.907	69	91896	3.328	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	66.600%	
11) 1,1-Dichloroethene-d2	2.563	65	43333	3.360	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.200%	
20) 2-Butanone-d5	4.628	46	303836	53.686	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.380%	
24) Chloroform-d	5.058	84	239949	4.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
26) 1,2-Dichloroethane-d4	5.698	65	125414	4.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.724	84	453283	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	6.685	67	149710	4.433	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.600%	
41) Toluene-d8	7.894	98	373910	3.630	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.600%	
43) trans-1,3-Dichloroprop...	8.177	79	51498	4.346	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.631	63	166355	46.150	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.300%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	121403	4.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	145842	4.592	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.800%	
Target Compounds						
5) Vinyl chloride	1.602	62	71393	2.492	ug/L	95
12) 1,1-Dichloroethene	2.573	96	2523	0.116	ug/L #	1
18) trans-1,2-Dichloroethene	3.354	96	7797	0.357	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	92946	3.669	ug/L	99
39) cis-1,3-Dichloropropene	7.566	75	3842	0.118	ug/L	93
48) 2-Hexanone	8.682	43	40612	4.749	ug/L #	86

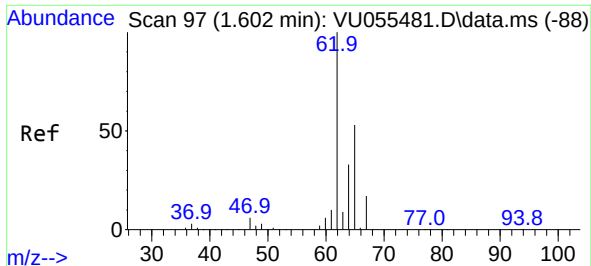
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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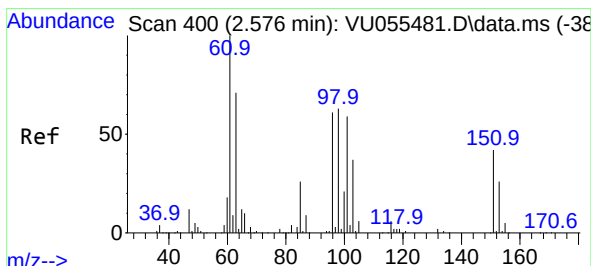
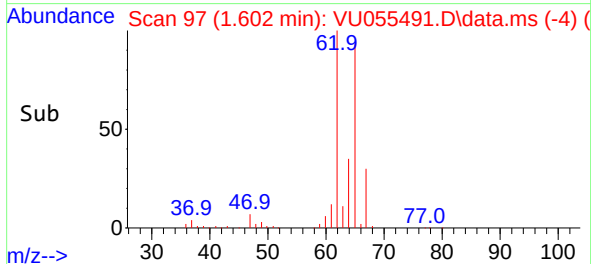
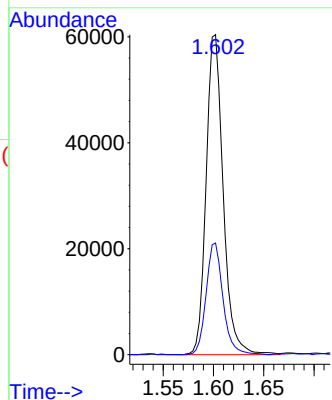
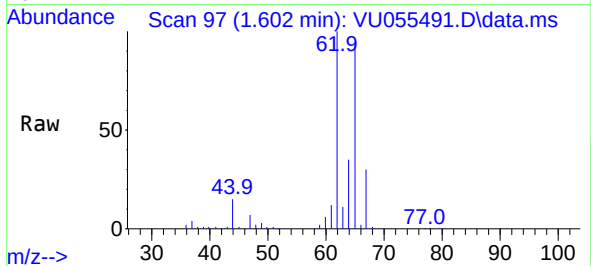




#5
 Vinyl chloride
 Concen: 2.492 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055491.D
 Acq: 25 Sep 2023 13:33

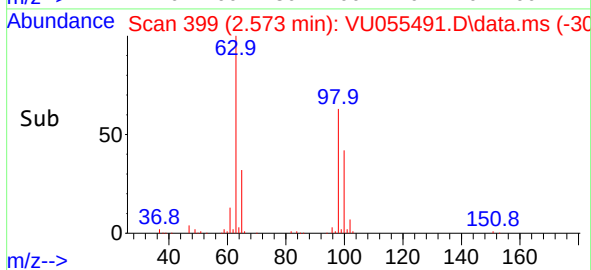
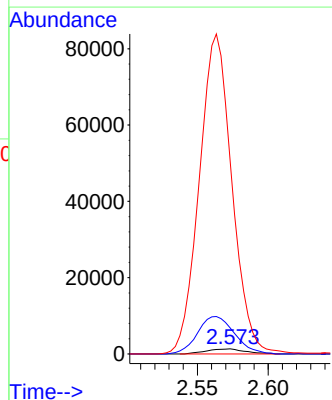
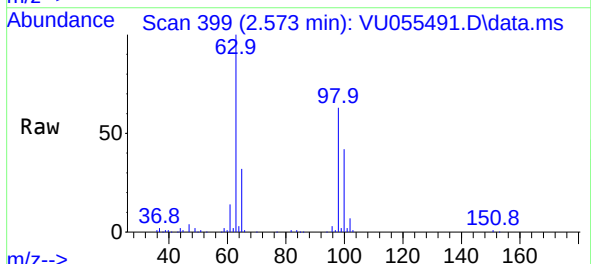
Instrument :
 MSVOA_U
 ClientSampleId :

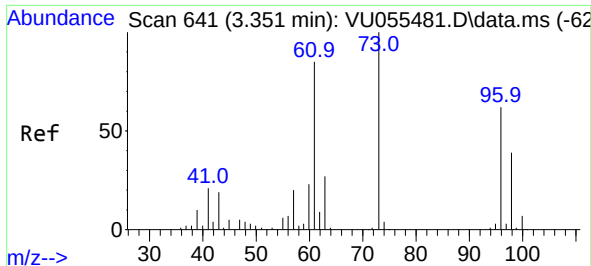
Tgt Ion: 62 Resp: 71393
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.116 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU055491.D
 Acq: 25 Sep 2023 13:33

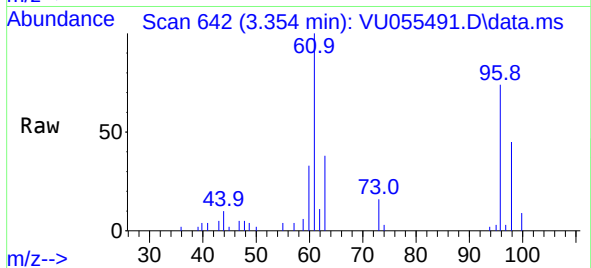
Tgt Ion: 96 Resp: 2523
 Ion Ratio Lower Upper
 96 100
 61 515.4 114.5 212.7#
 63 3814.6 98.3 182.5#



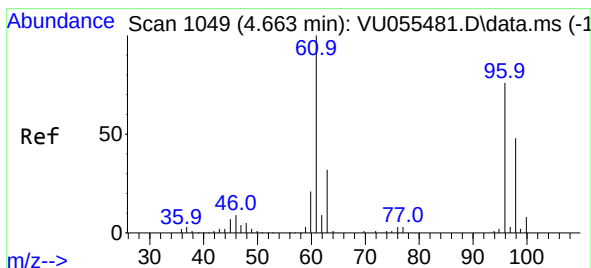
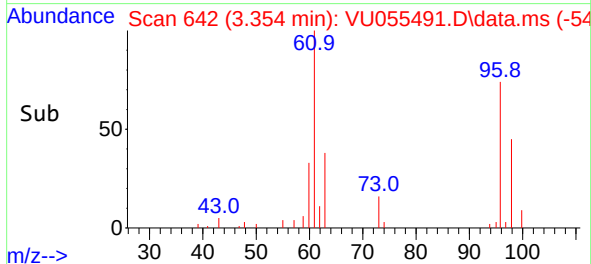
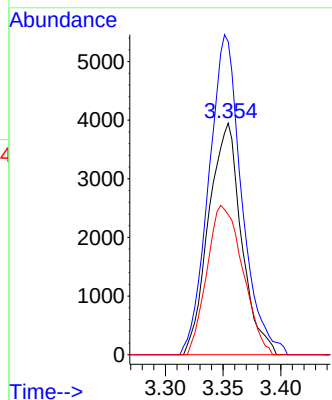


#18
trans-1,2-Dichloroethene
Concen: 0.357 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.007 min
Lab File: VU055491.D
Acq: 25 Sep 2023 13:33

Instrument :
MSVOA_U
ClientSampleId :

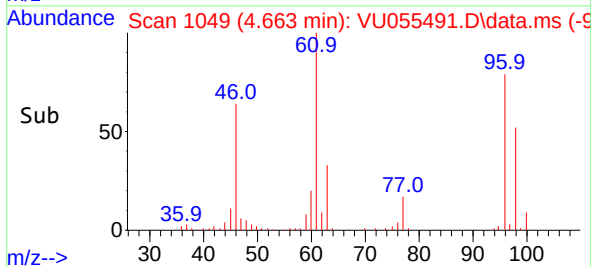
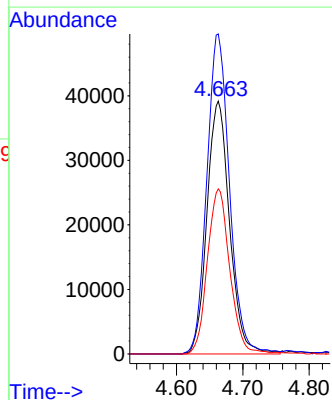
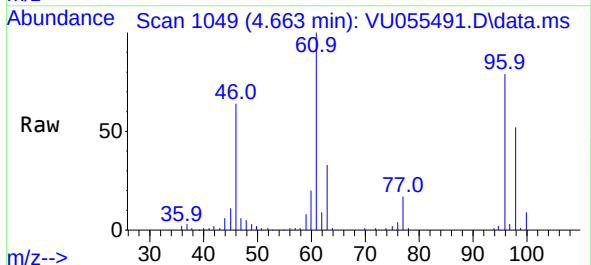


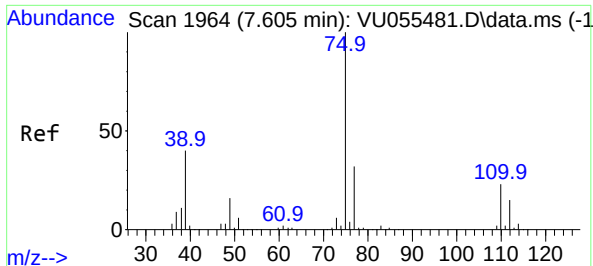
Tgt Ion: 96 Resp: 7797
Ion Ratio Lower Upper
96 100
61 135.3 94.6 175.6
98 60.5 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 3.669 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055491.D
Acq: 25 Sep 2023 13:33

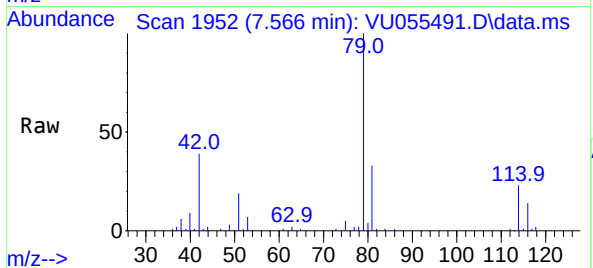
Tgt Ion: 96 Resp: 92946
Ion Ratio Lower Upper
96 100
61 126.6 87.8 163.2
98 65.3 44.4 82.4



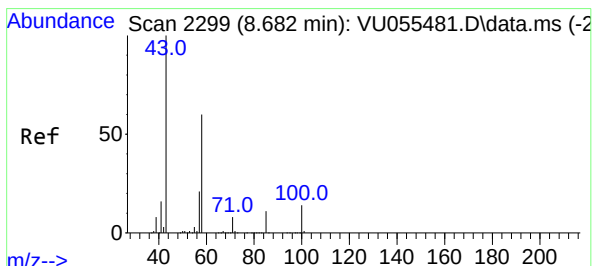
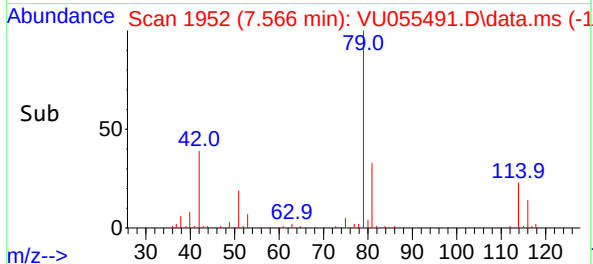
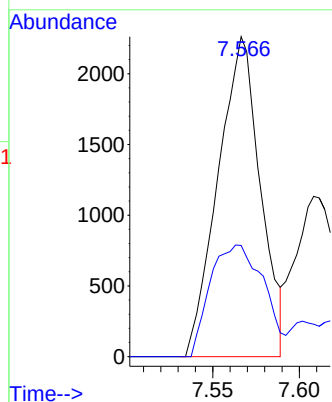


#39
cis-1,3-Dichloropropene
Concen: 0.118 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.038 min
Lab File: VU055491.D
Acq: 25 Sep 2023 13:33

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Tgt Ion: 75 Resp: 3842
Ion Ratio Lower Upper
75 100
77 34.7 21.6 40.2



#48
2-Hexanone
Concen: 4.749 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VU055491.D
Acq: 25 Sep 2023 13:33

Tgt Ion: 43 Resp: 40612
Ion Ratio Lower Upper
43 100
58 46.7 48.5 72.7#
57 19.3 17.0 25.4
100 8.6 10.3 15.5#

