

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037061.D
 Acq On : 27 Aug 2024 04:18
 Operator : SY/MD
 Sample : P3691-16
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 05:01:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

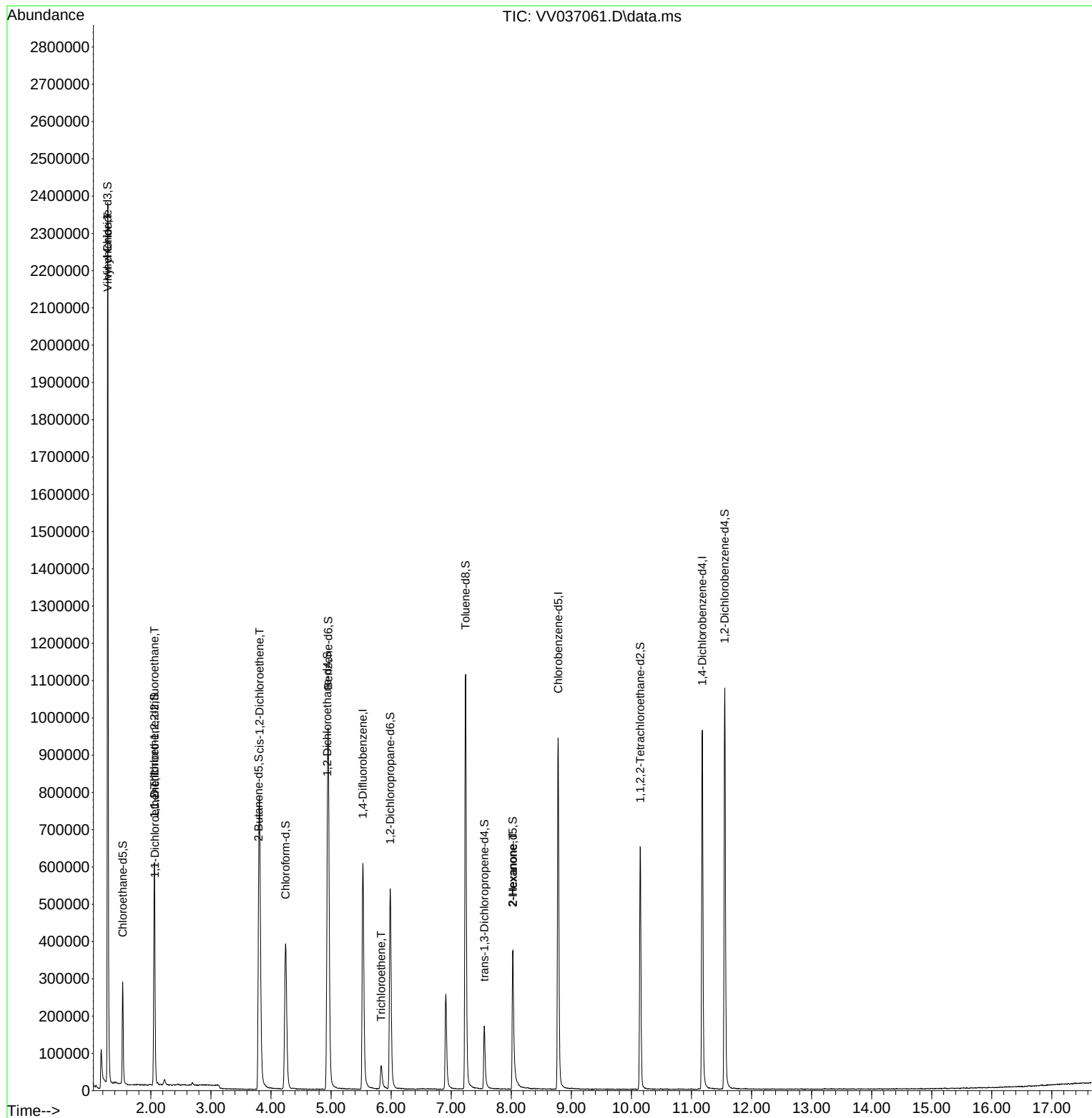
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	525021	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	511100	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	239477	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	224403	46.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.440%
7) Chloroethane-d5	1.532	69	185125	49.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.740%
11) 1,1-Dichloroethene-d2	2.059	65	97865	48.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.960%
21) 2-Butanone-d5	3.793	46	210845	113.368	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.370%
24) Chloroform-d	4.243	84	414760	55.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.360%
26) 1,2-Dichloroethane-d4	4.937	65	263864	55.743	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.480%
32) Benzene-d6	4.953	84	833188	53.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.940%
36) 1,2-Dichloropropane-d6	5.985	67	268918	55.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.240%
41) Toluene-d8	7.239	98	731562	52.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.020%
43) trans-1,3-Dichloroprop...	7.551	79	101139	45.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.420%
47) 2-Hexanone-d5	8.024	63	131243	99.457	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.460%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	322888	55.062	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.120%
66) 1,2-Dichlorobenzene-d4	11.554	152	269925	56.278	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.560%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	1319791	281.764	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	2949	0.811	ug/L #	25
12) 1,1-Dichloroethene	2.066	96	10106	2.950	ug/L #	1
20) cis-1,2-Dichloroethene	3.809	96	385775	98.181	ug/L	99
34) Trichloroethene	5.834	95	23552	6.050	ug/L	97
48) 2-Hexanone	8.027	43	16089	5.175	ug/L #	73

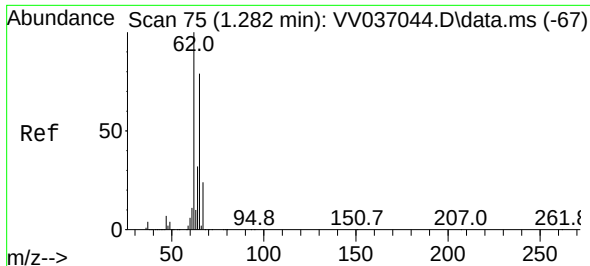
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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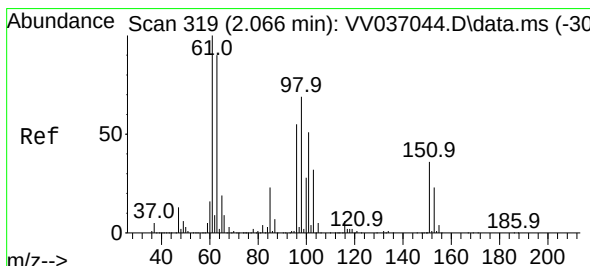
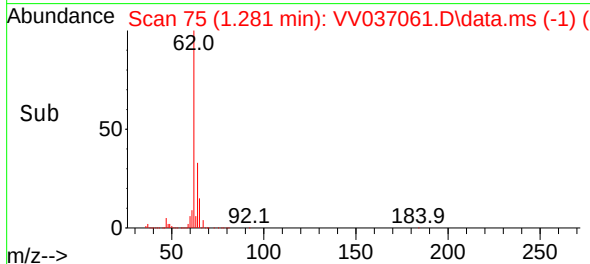
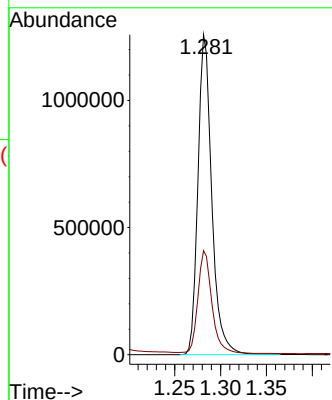
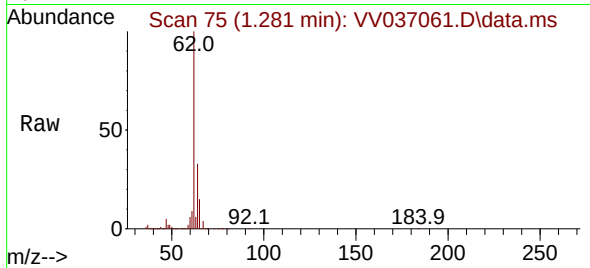




#5
 Vinyl chloride
 Concen: 281.764 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037061.D
 Acq: 27 Aug 2024 04:18

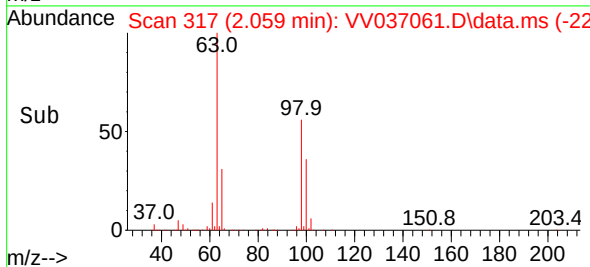
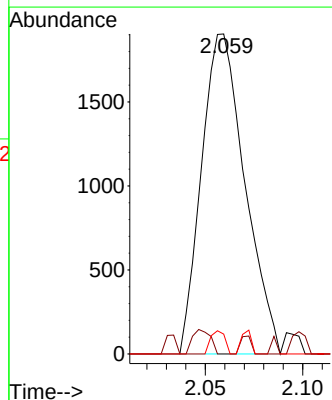
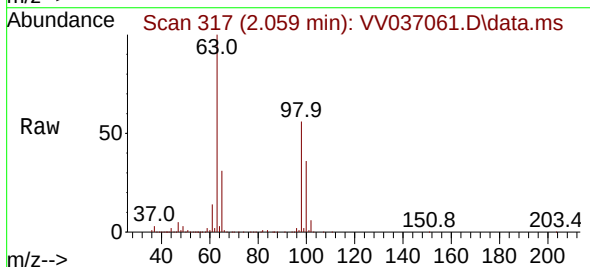
Instrument :
 MSVOA_V
 ClientSampleId :

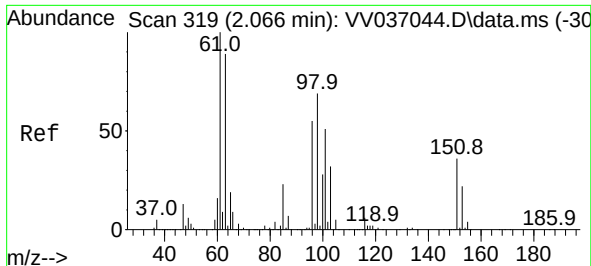
Tgt Ion: 62 Resp: 1319791
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.811 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.007 min
 Lab File: VV037061.D
 Acq: 27 Aug 2024 04:18

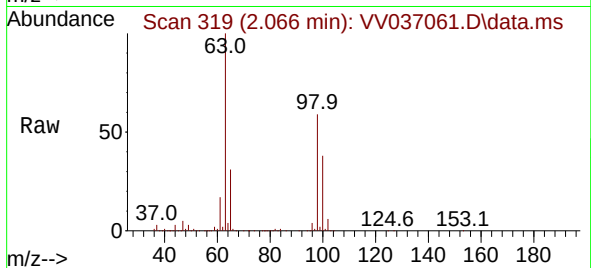
Tgt Ion: 101 Resp: 2949
 Ion Ratio Lower Upper
 101 100
 85 3.2 35.6 53.4#
 151 2.4 55.0 82.4#



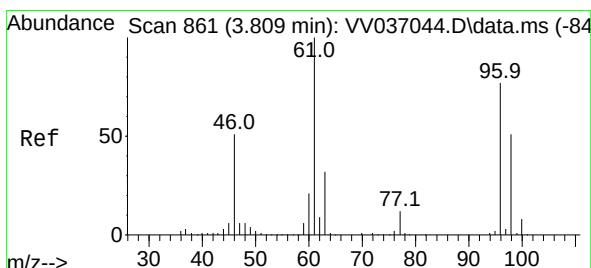
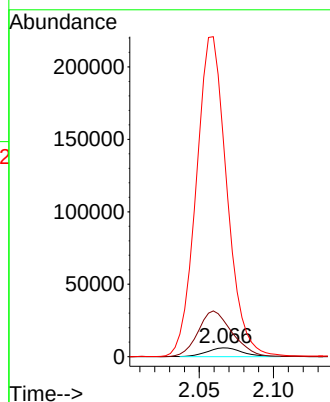
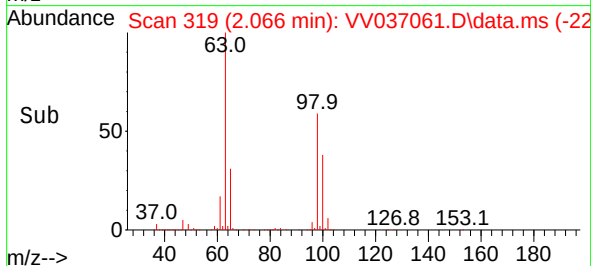


#12
1,1-Dichloroethene
Concen: 2.950 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037061.D
Acq: 27 Aug 2024 04:18

Instrument :
MSVOA_V
ClientSampleId :

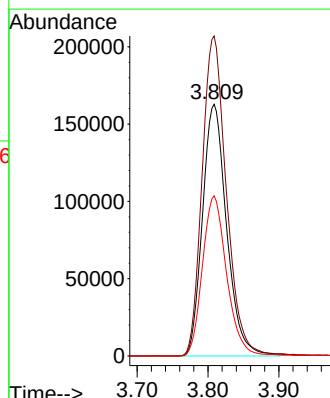
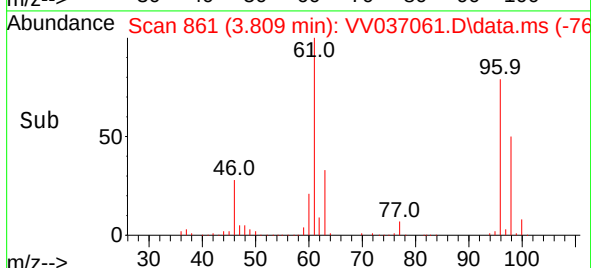
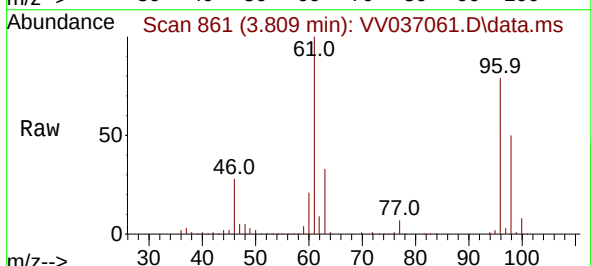


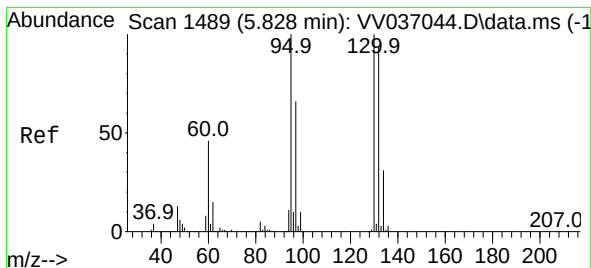
Tgt Ion: 96 Resp: 10106
Ion Ratio Lower Upper
96 100
61 423.6 123.8 229.8#
63 2529.6 96.5 179.1#



#20
cis-1,2-Dichloroethene
Concen: 98.181 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV037061.D
Acq: 27 Aug 2024 04:18

Tgt Ion: 96 Resp: 385775
Ion Ratio Lower Upper
96 100
61 127.1 89.9 166.9
98 63.6 44.8 83.2





#34

Trichloroethene

Concen: 6.050 ug/L

RT: 5.834 min Scan# 1489

Delta R.T. 0.006 min

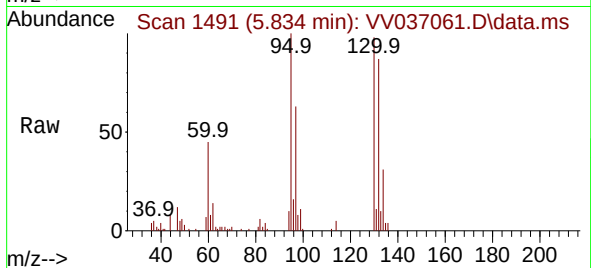
Lab File: VV037061.D

Acq: 27 Aug 2024 04:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 23552

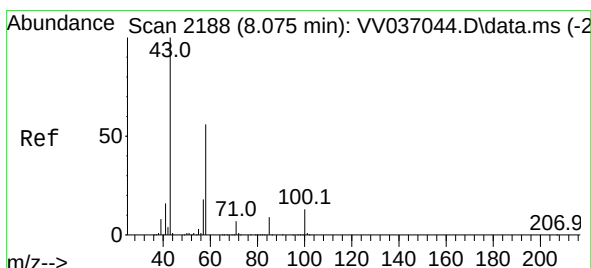
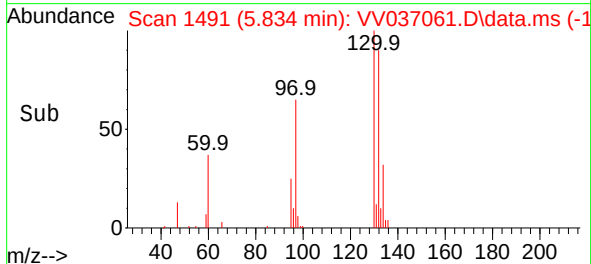
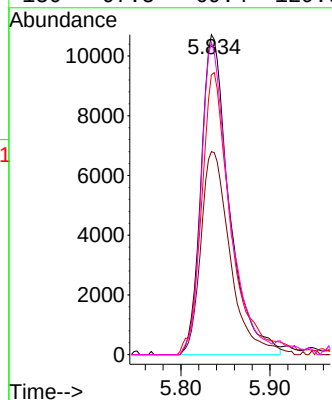
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.5

132 87.4 64.9 120.5

130 97.5 69.4 129.0



#48

2-Hexanone

Concen: 5.175 ug/L

RT: 8.027 min Scan# 2173

Delta R.T. -0.048 min

Lab File: VV037061.D

Acq: 27 Aug 2024 04:18

Tgt Ion: 43 Resp: 16089

Ion Ratio Lower Upper

43 100

58 36.8 46.0 69.0#

57 30.5 15.6 23.4#

100 1.7 10.6 16.0#

