

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022483.D
 Acq On : 01 Oct 2021 23:41
 Operator : SY/MD
 Sample : M4024-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH1

Quant Time: Oct 02 01:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:27:14 2021
 Response via : Initial Calibration

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

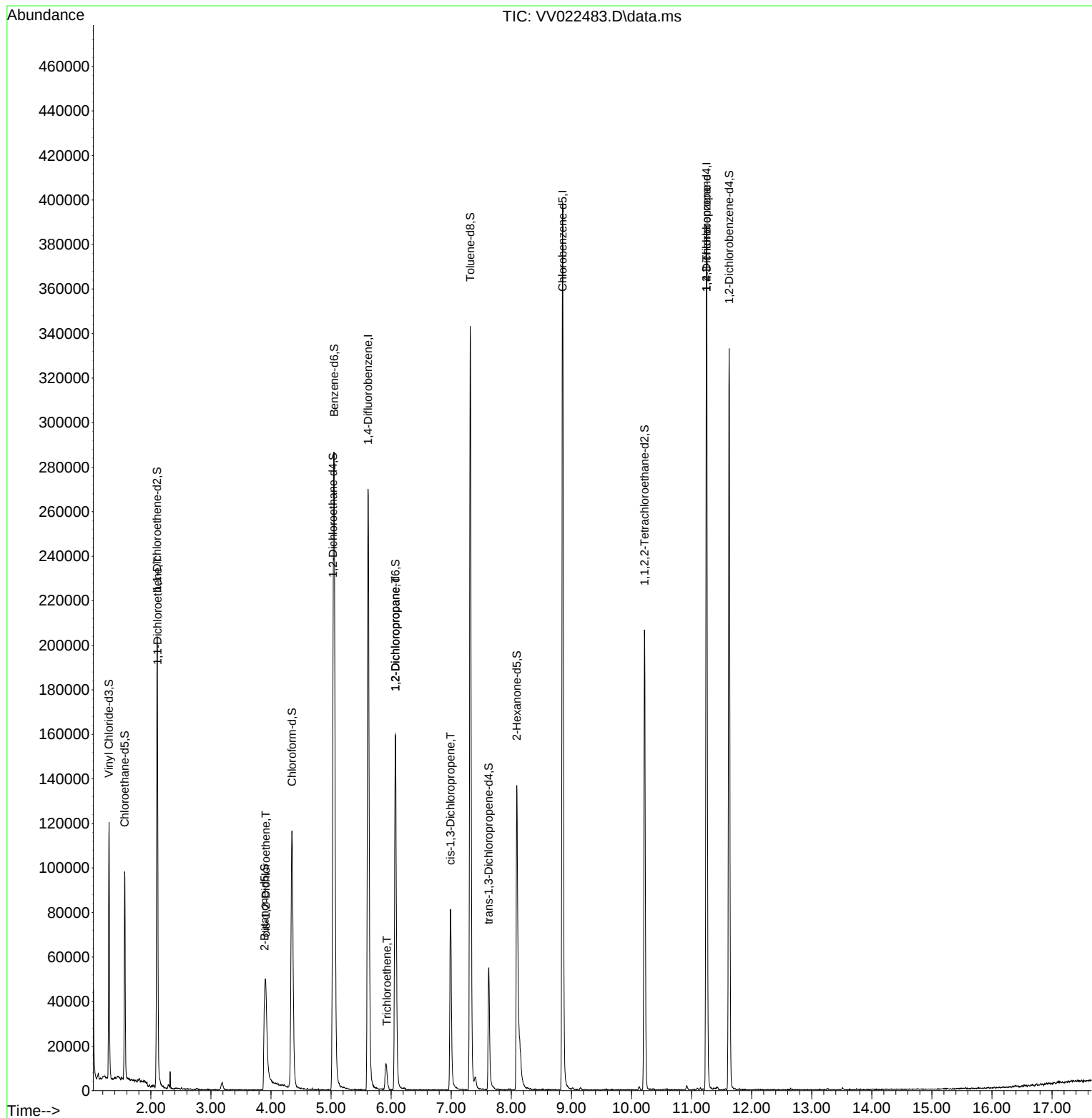
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	240264	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	223592	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	103739	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70345	47.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.680%		
7) Chloroethane-d5	1.565	69	57701	49.400	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.800%		
11) 1,1-Dichloroethene-d2	2.105	63	103839	35.441	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.880%		
21) 2-Butanone-d5	3.892	46	70267	85.908	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.910%		
24) Chloroform-d	4.349	84	121951	44.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.840%		
26) 1,2-Dichloroethane-d4	5.034	65	74861	47.535	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.060%		
32) Benzene-d6	5.050	84	255865	49.396	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.800%		
36) 1,2-Dichloropropane-d6	6.072	67	78257	49.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.160%		
41) Toluene-d8	7.317	98	228265	48.041	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.080%		
43) trans-1,3-Dichloroprop...	7.622	79	32416	42.966	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.940%		
47) 2-Hexanone-d5	8.092	63	53818	81.471	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.470%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	99453	44.851	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.700%		
66) 1,2-Dichlorobenzene-d4	11.625	152	86510	51.137	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.280%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	1709	1.018	ug/L #	1
20) cis-1,2-Dichloroethene	3.912	96	15749	8.024	ug/L	96
34) Trichloroethene	5.928	95	1921	1.066	ug/L	85
37) 1,2-Dichloropropane	6.072	63	8317	4.705	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2248	0.846	ug/L #	64
61) 1,2,3-Trichloropropane	11.249	75	11559	5.859	ug/L #	62

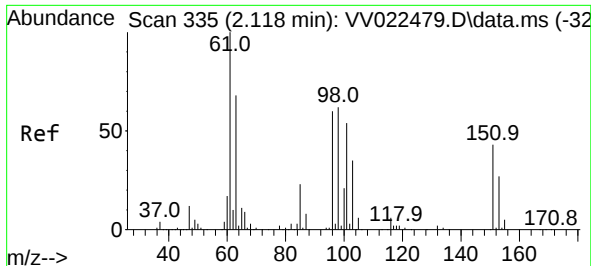
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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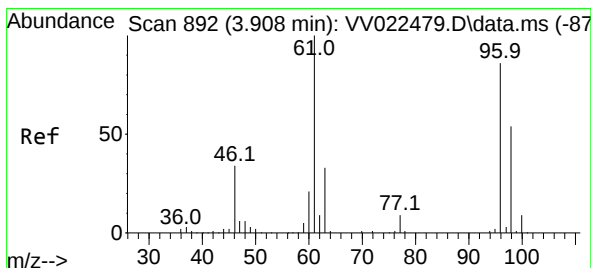
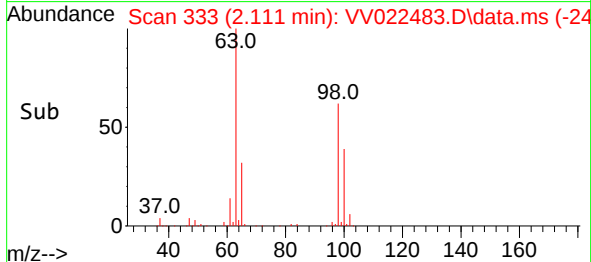
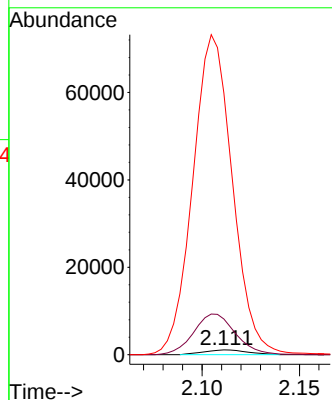
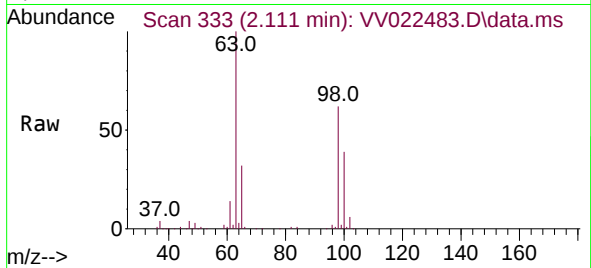




#12
1,1-Dichloroethene
Concen: 1.018 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV022483.D
Acq: 01 Oct 2021 23:41

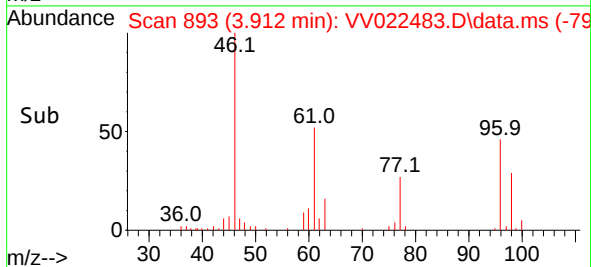
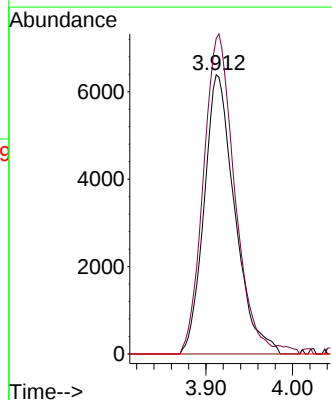
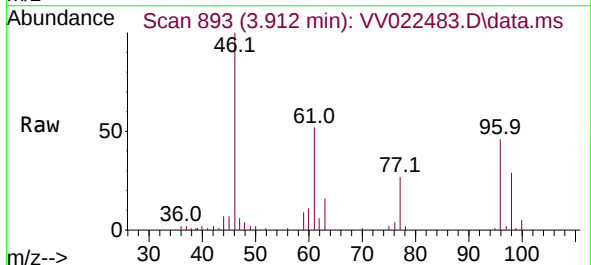
Instrument :
MSVOA_V
ClientSampleId :
C0AH1

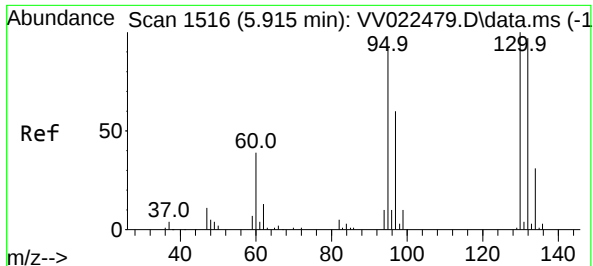
Tgt Ion: 96 Resp: 1709
Ion Ratio Lower Upper
96 100
61 750.1 118.0 219.2#
63 5505.8 86.4 160.4#



#20
cis-1,2-Dichloroethene
Concen: 8.024 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022483.D
Acq: 01 Oct 2021 23:41

Tgt Ion: 96 Resp: 15749
Ion Ratio Lower Upper
96 100
61 113.0 81.9 152.1
68 0.0 0.0 0.0



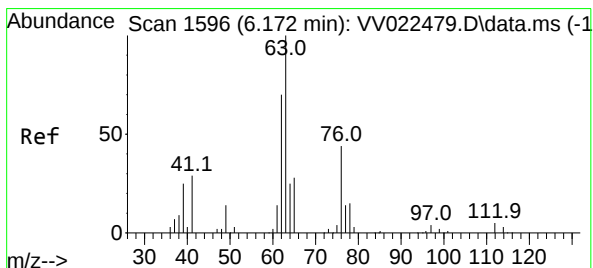
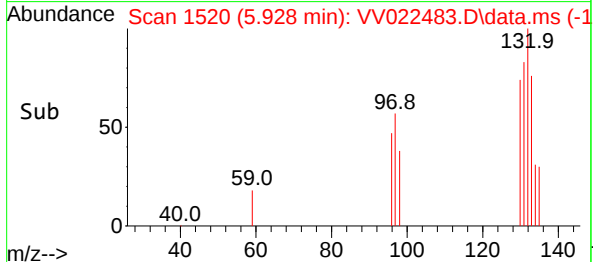
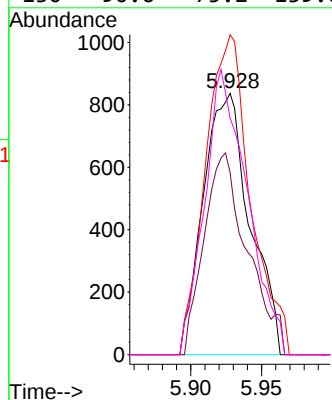
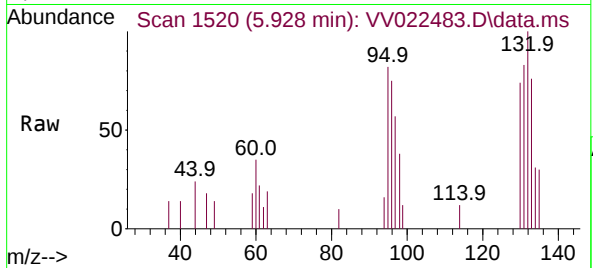


#34
Trichloroethene
Concen: 1.066 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.013 min
Lab File: VV022483.D
Acq: 01 Oct 2021 23:41

Instrument :
MSVOA_V
ClientSampled :
C0AH1

Tgt Ion: 95 Resp: 1921

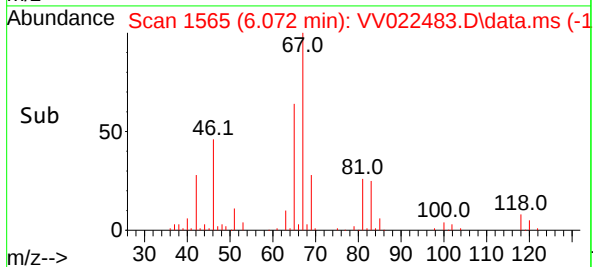
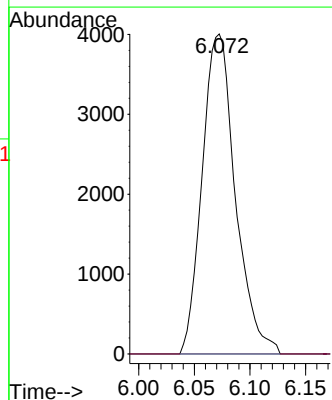
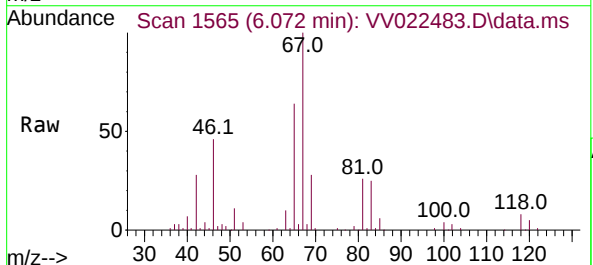
Ion	Ratio	Lower	Upper
95	100		
97	69.7	45.4	84.4
132	122.5	71.5	132.9
130	90.6	75.2	139.6

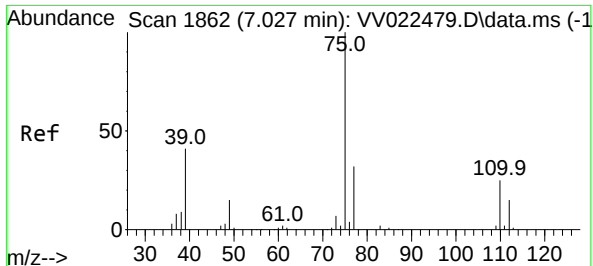


#37
1,2-Dichloropropane
Concen: 4.705 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022483.D
Acq: 01 Oct 2021 23:41

Tgt Ion: 63 Resp: 8317

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#



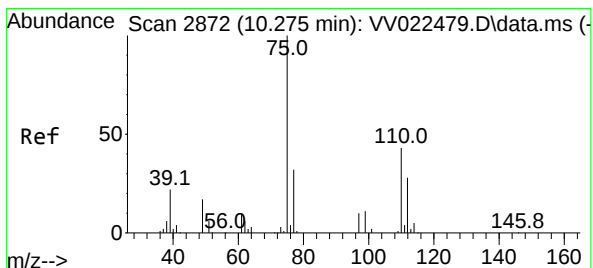
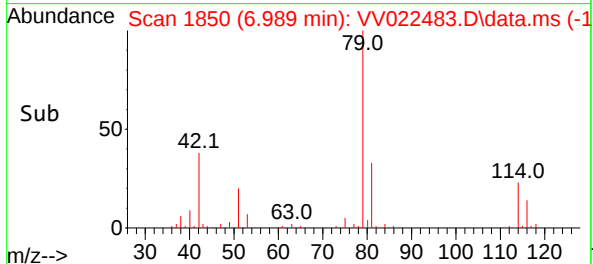
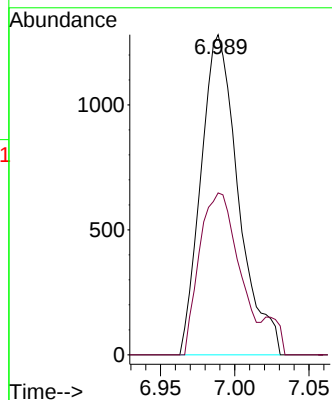
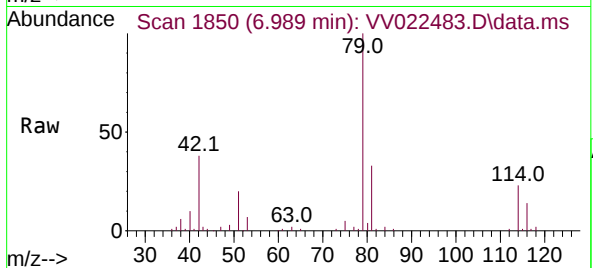


#39

cis-1,3-Dichloropropene
Concen: 0.846 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022483.D
Acq: 01 Oct 2021 23:41

Instrument :
MSVOA_V
ClientSampleId :
C0AH1

Tgt Ion: 75 Resp: 2248
Ion Ratio Lower Upper
75 100
77 50.6 21.6 40.2#



#61

1,2,3-Trichloropropane
Concen: 5.859 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022483.D
Acq: 01 Oct 2021 23:41

Tgt Ion: 75 Resp: 11559
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0
110 1.0 34.3 51.5#

