

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060183.D
 Acq On : 25 Jul 2024 19:55
 Operator : MD/SY
 Sample : P3335-14 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 02:43:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 02:39:04 2024
 Response via : Initial Calibration

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

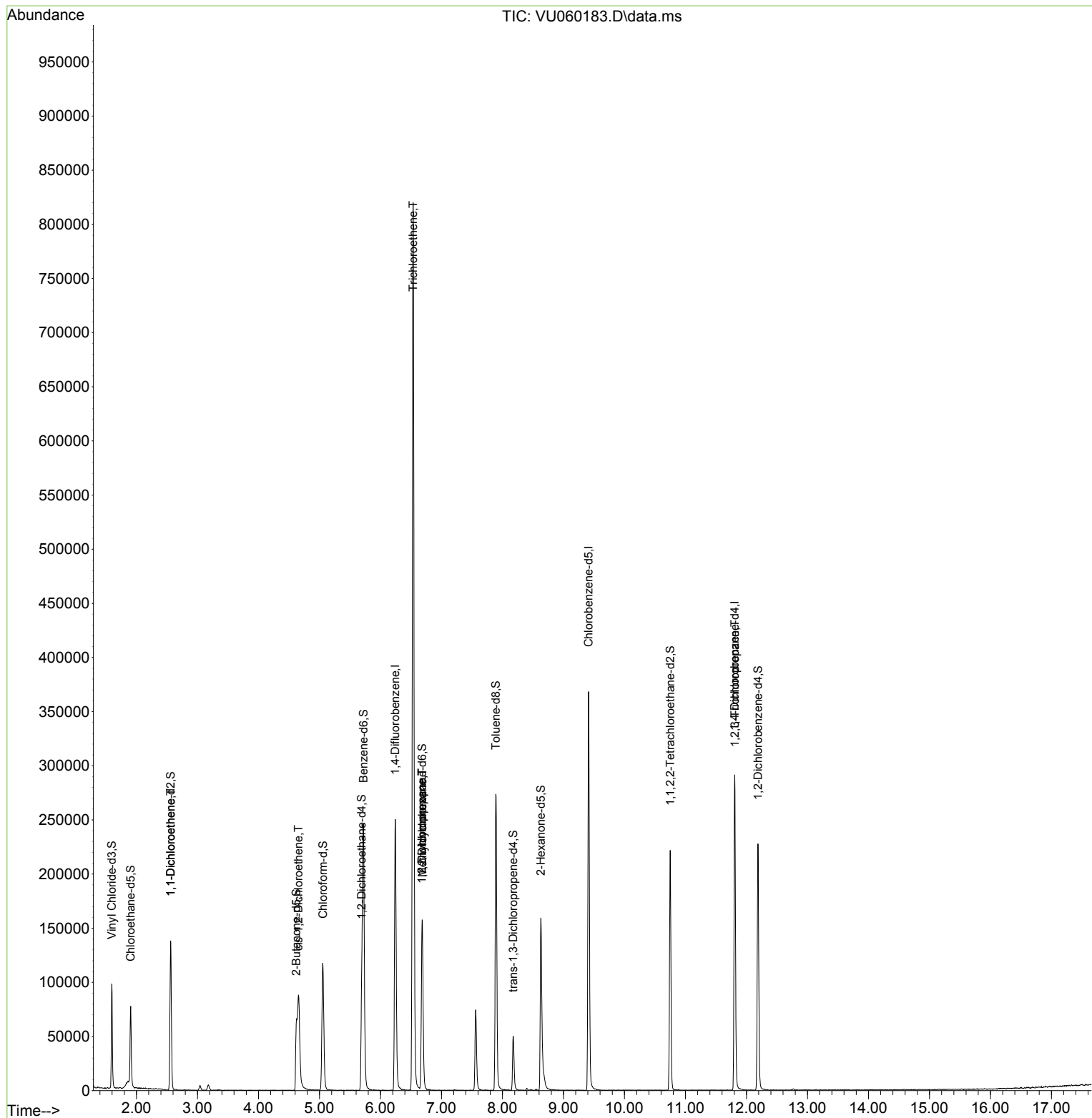
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	210888	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	216093	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	71704	52.955	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.920%
7) Chloroethane-d5	1.904	69	57326	50.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.660%
11) 1,1-Dichloroethene-d2	2.560	63	81860	34.030	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.060%
21) 2-Butanone-d5	4.621	46	94576	100.505	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.510%
24) Chloroform-d	5.055	84	115813	44.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
26) 1,2-Dichloroethane-d4	5.692	65	70890	45.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
32) Benzene-d6	5.721	84	237605	42.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.880%
36) 1,2-Dichloropropane-d6	6.682	67	83241	48.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.200%
41) Toluene-d8	7.891	98	193729	36.815	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.620%#
43) trans-1,3-Dichloroprop...	8.177	79	31023	38.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.420%
47) 2-Hexanone-d5	8.627	63	54859	76.007	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.010%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	116572	44.347	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.700%
66) 1,2-Dichlorobenzene-d4	12.190	152	65490	43.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.560%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.560	96	1381	1.104	ug/L #	1
20) cis-1,2-Dichloroethene	4.657	96	41345	26.524	ug/L	94
34) Trichloroethene	6.534	95	297167	190.833	ug/L	94
35) Methylcyclohexane	6.685	83	18483	8.594	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	7972	4.963	ug/L #	90
60) 1,2,3-Trichloropropane	11.811	75	9989	6.391	ug/L #	65

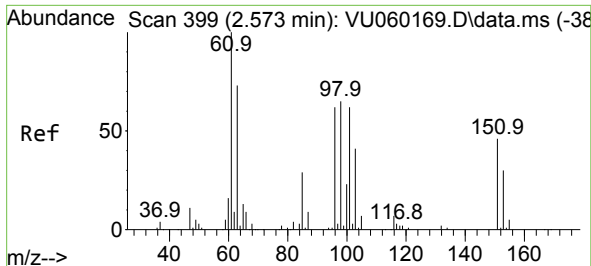
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.104 ug/L

RT: 2.560 min Scan# 399

Delta R.T. -0.013 min

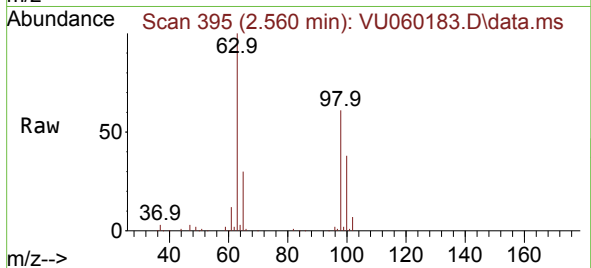
Lab File: VU060183.D

Acq: 25 Jul 2024 19:55

Instrument :

MSVOA_U

ClientSampleId :



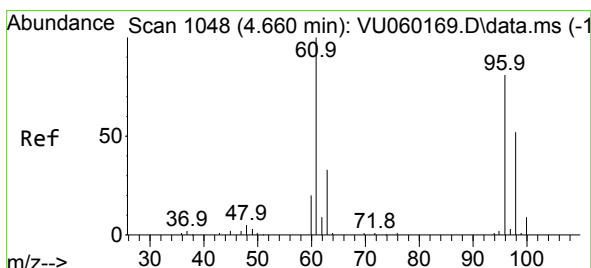
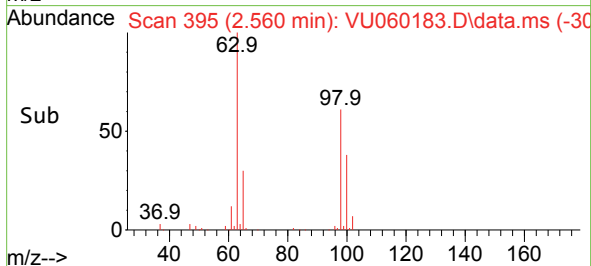
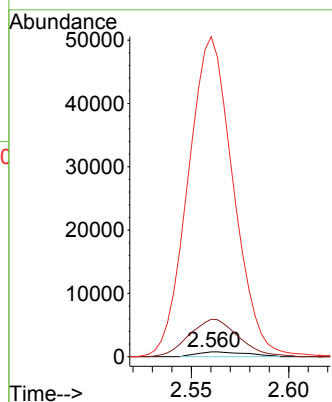
Tgt Ion: 96 Resp: 1381

Ion Ratio Lower Upper

96 100

61 775.7 112.2 208.4#

63 6634.1 87.4 162.2#



#20

cis-1,2-Dichloroethene

Concen: 26.524 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU060183.D

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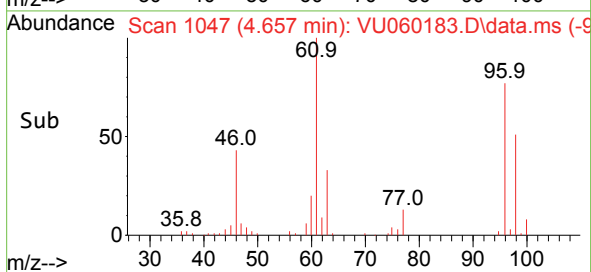
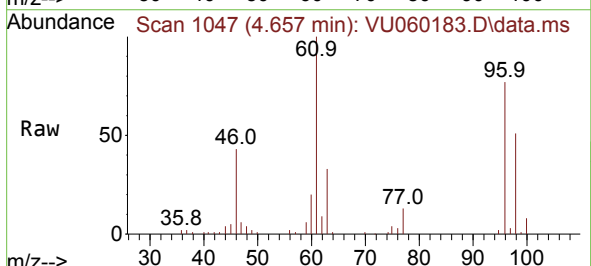
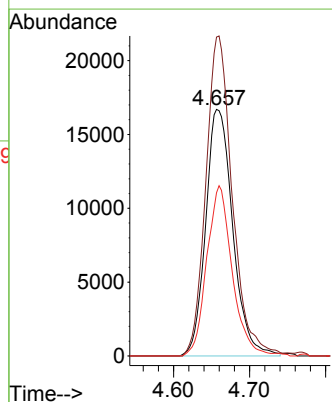
Tgt Ion: 96 Resp: 41345

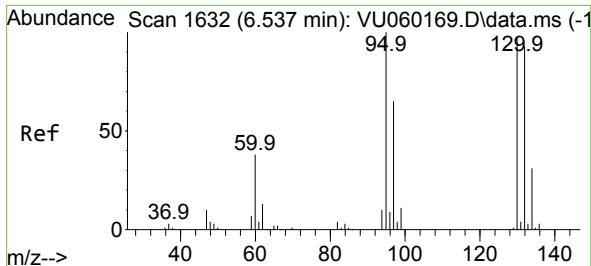
Ion Ratio Lower Upper

96 100

61 129.3 83.2 154.4

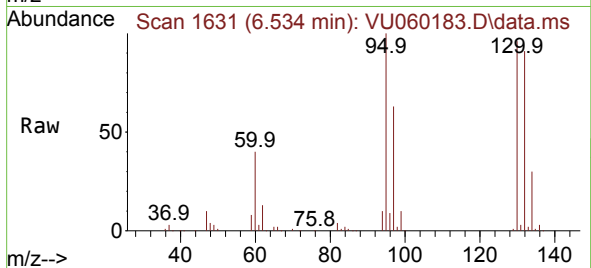
98 66.2 45.9 85.3



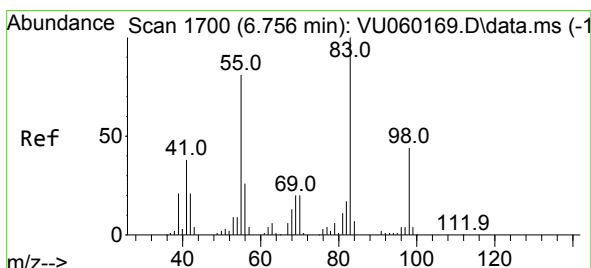
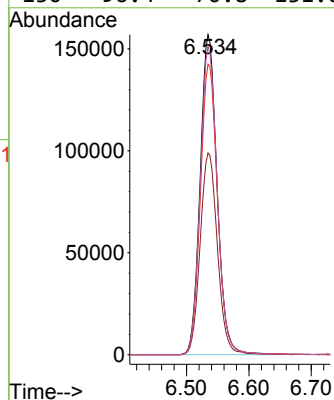
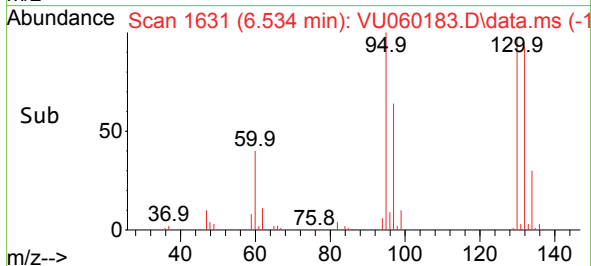


#34
Trichloroethene
Concen: 190.833 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060183.D
Acq: 25 Jul 2024 19:55

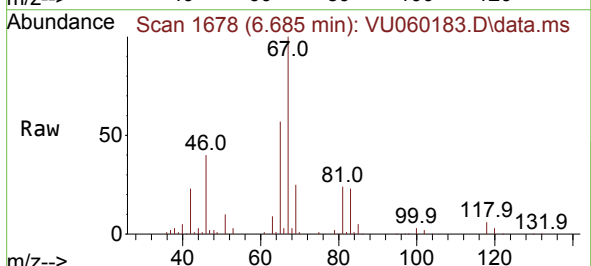
Instrument :
MSVOA_U
ClientSampleId :



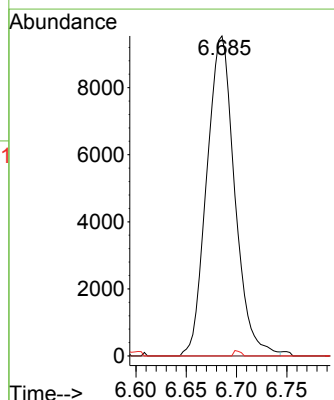
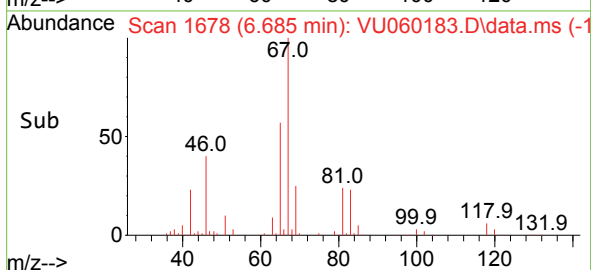
Tgt Ion: 95 Resp: 297167
Ion Ratio Lower Upper
95 100
97 63.0 45.8 85.2
132 90.8 69.8 129.6
130 96.4 70.8 131.6

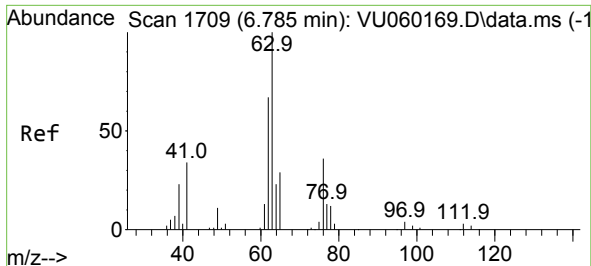


#35
Methylcyclohexane
Concen: 8.594 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060183.D
Acq: 25 Jul 2024 19:55



Tgt Ion: 83 Resp: 18483
Ion Ratio Lower Upper
83 100
55 0.0 56.8 85.2#
98 0.4 36.5 54.7#

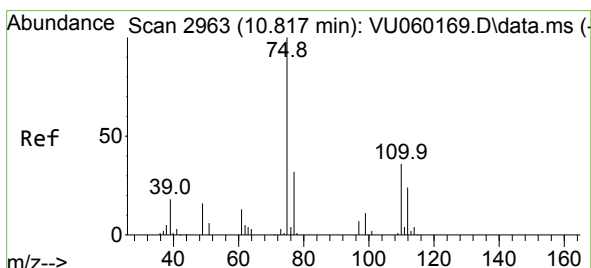
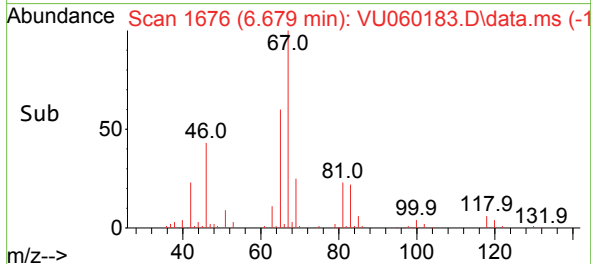
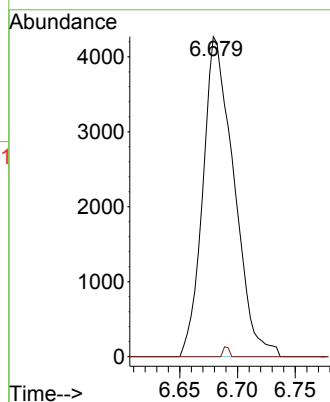
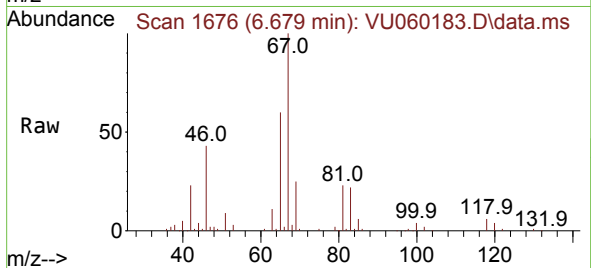




#37
1,2-Dichloropropane
Concen: 4.963 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU060183.D
Acq: 25 Jul 2024 19:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7972
Ion Ratio Lower Upper
63 100
112 0.6 3.0 4.6#



#60
1,2,3-Trichloropropane
Concen: 6.391 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.994 min
Lab File: VU060183.D
Acq: 25 Jul 2024 19:55

Tgt Ion: 75 Resp: 9989
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3
110 0.7 30.7 46.1#

