

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051098.D
 Acq On : 03 Oct 2022 21:21
 Operator : JC/MD
 Sample : N4880-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS3

Quant Time: Oct 03 23:34:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

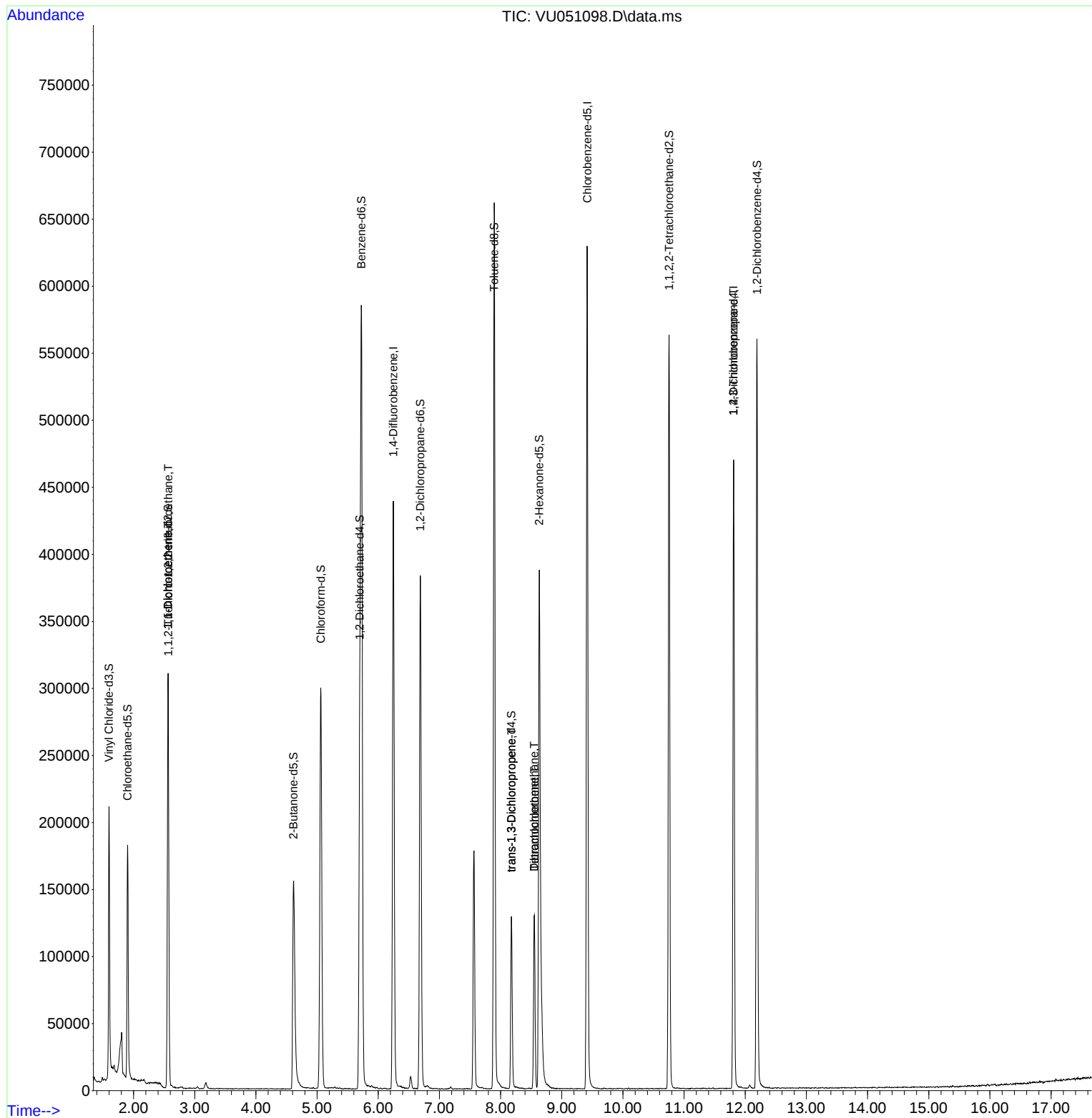
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	348419	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	359830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	125870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	148492	42.053	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.100%		
7) Chloroethane-d5	1.903	69	135540	41.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.640%		
11) 1,1-Dichloroethene-d2	2.565	63	183534	35.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.380%		
21) 2-Butanone-d5	4.613	46	222768	97.271	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.270%		
24) Chloroform-d	5.060	84	278039	48.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.740%		
26) 1,2-Dichloroethane-d4	5.697	65	183027	51.978	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.960%		
32) Benzene-d6	5.726	84	551133	52.304	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.600%		
36) 1,2-Dichloropropane-d6	6.687	67	189336	55.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.740%		
41) Toluene-d8	7.896	98	438280	45.019	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.040%		
43) trans-1,3-Dichloroprop...	8.176	79	73034	44.782	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.560%		
47) 2-Hexanone-d5	8.632	63	109387	79.230	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.230%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	290701	48.647	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.300%		
66) 1,2-Dichlorobenzene-d4	12.192	152	148882	55.368	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.740%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1664	0.626	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1440	0.580	ug/L #	1
44) trans-1,3-Dichloropropene	8.179	75	3204	0.757	ug/L	97
46) Tetrachloroethene	8.552	164	29196	13.559	ug/L	99
49) Dibromochloromethane	8.549	129	28216	8.387	ug/L #	12
60) 1,2,3-Trichloropropane	11.809	75	15776	4.763	ug/L #	68

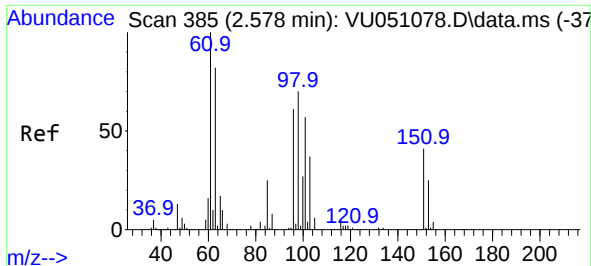
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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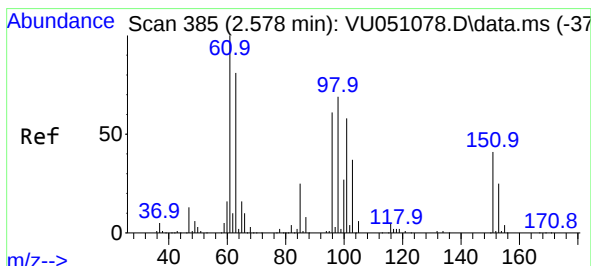
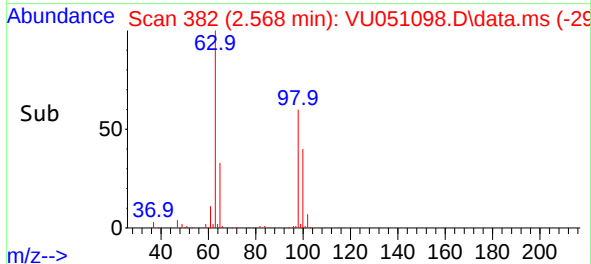
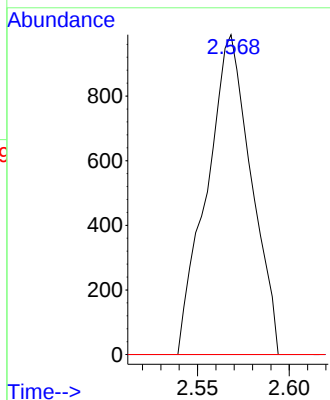
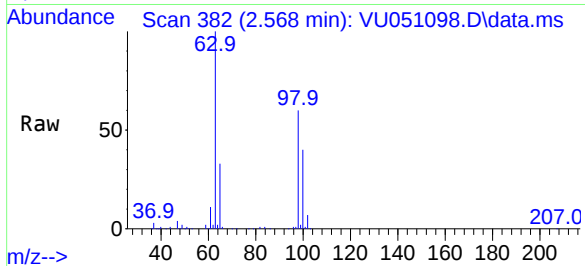




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.626 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU051098.D
Acq: 03 Oct 2022 21:21

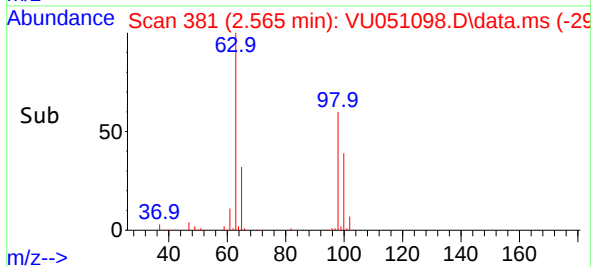
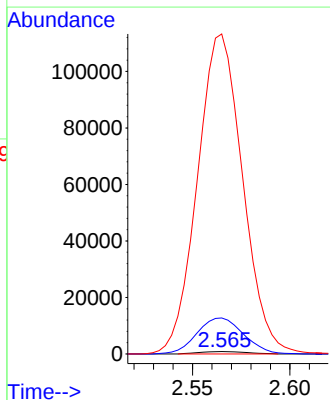
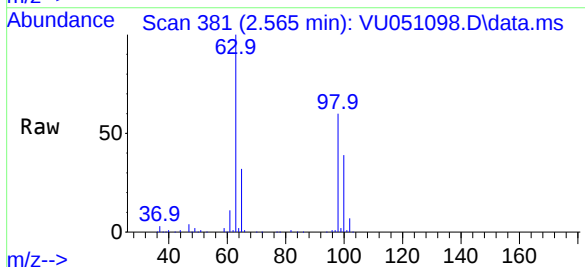
Instrument :
MSVOA_U
ClientSampleId :
BGS3

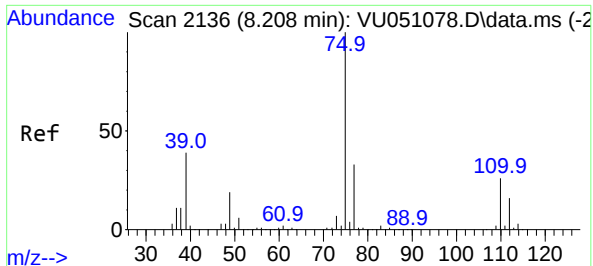
Tgt Ion:101 Resp: 1664
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.580 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051098.D
Acq: 03 Oct 2022 21:21

Tgt Ion: 96 Resp: 1440
Ion Ratio Lower Upper
96 100
61 1541.4 113.0 209.9#
63 13680.2 91.7 170.3#

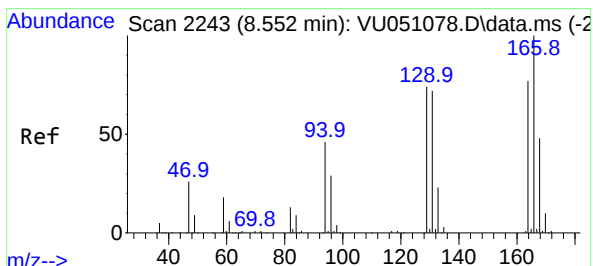
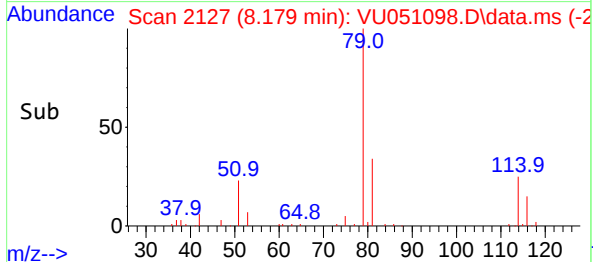
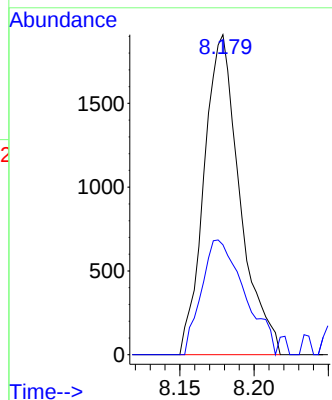
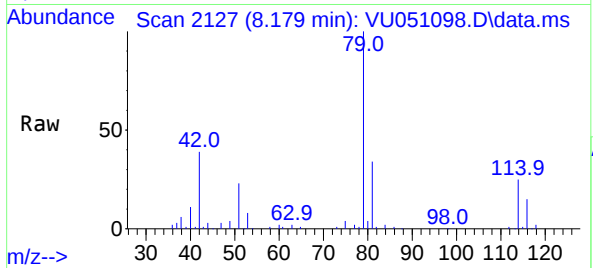




#44
trans-1,3-Dichloropropene
Concen: 0.757 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051098.D
Acq: 03 Oct 2022 21:21

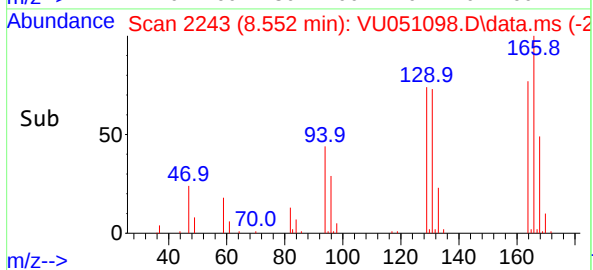
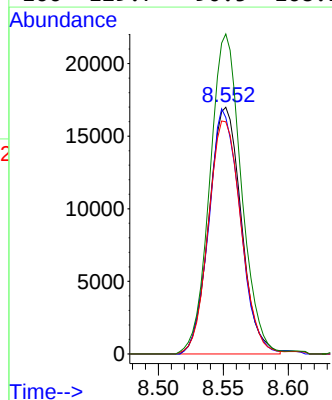
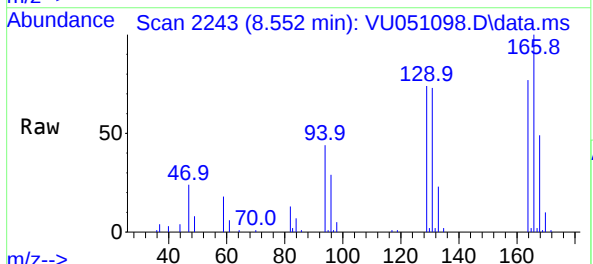
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BGS3

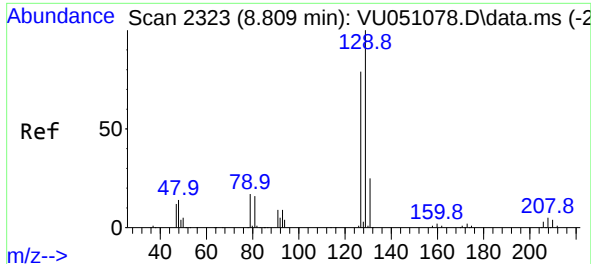
Tgt Ion: 75 Resp: 3204
Ion Ratio Lower Upper
75 100
77 34.3 22.7 42.3



#46
Tetrachloroethene
Concen: 13.559 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051098.D
Acq: 03 Oct 2022 21:21

Tgt Ion:164 Resp: 29196
Ion Ratio Lower Upper
164 100
129 95.8 68.1 126.5
131 94.1 67.8 126.0
166 129.7 90.5 168.1





#49

Dibromochloromethane

Concen: 8.387 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051098.D

Acq: 03 Oct 2022 21:21

Instrument :

MSVOA_U

ClientSampleId :

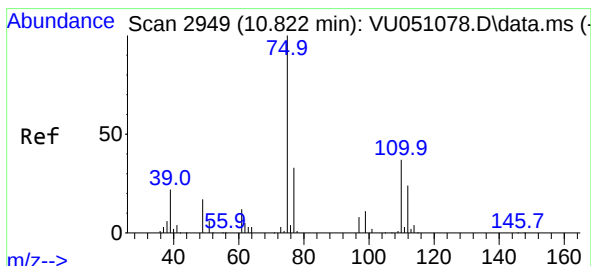
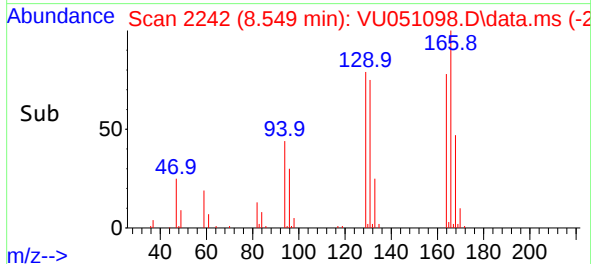
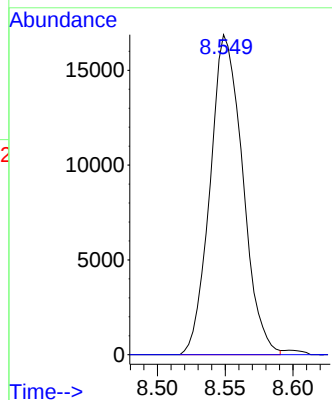
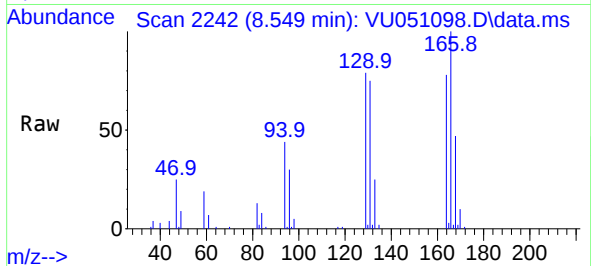
BGS3

Tgt Ion:129 Resp: 28216

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.0#



#60

1,2,3-Trichloropropane

Concen: 4.763 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051098.D

Acq: 03 Oct 2022 21:21

Tgt Ion: 75 Resp: 15776

Ion Ratio Lower Upper

75 100

77 33.9 26.1 39.1

110 2.6 30.0 45.0#

