

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021349.D
 Acq On : 12 Dec 2021 04:22
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 13 03:23:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

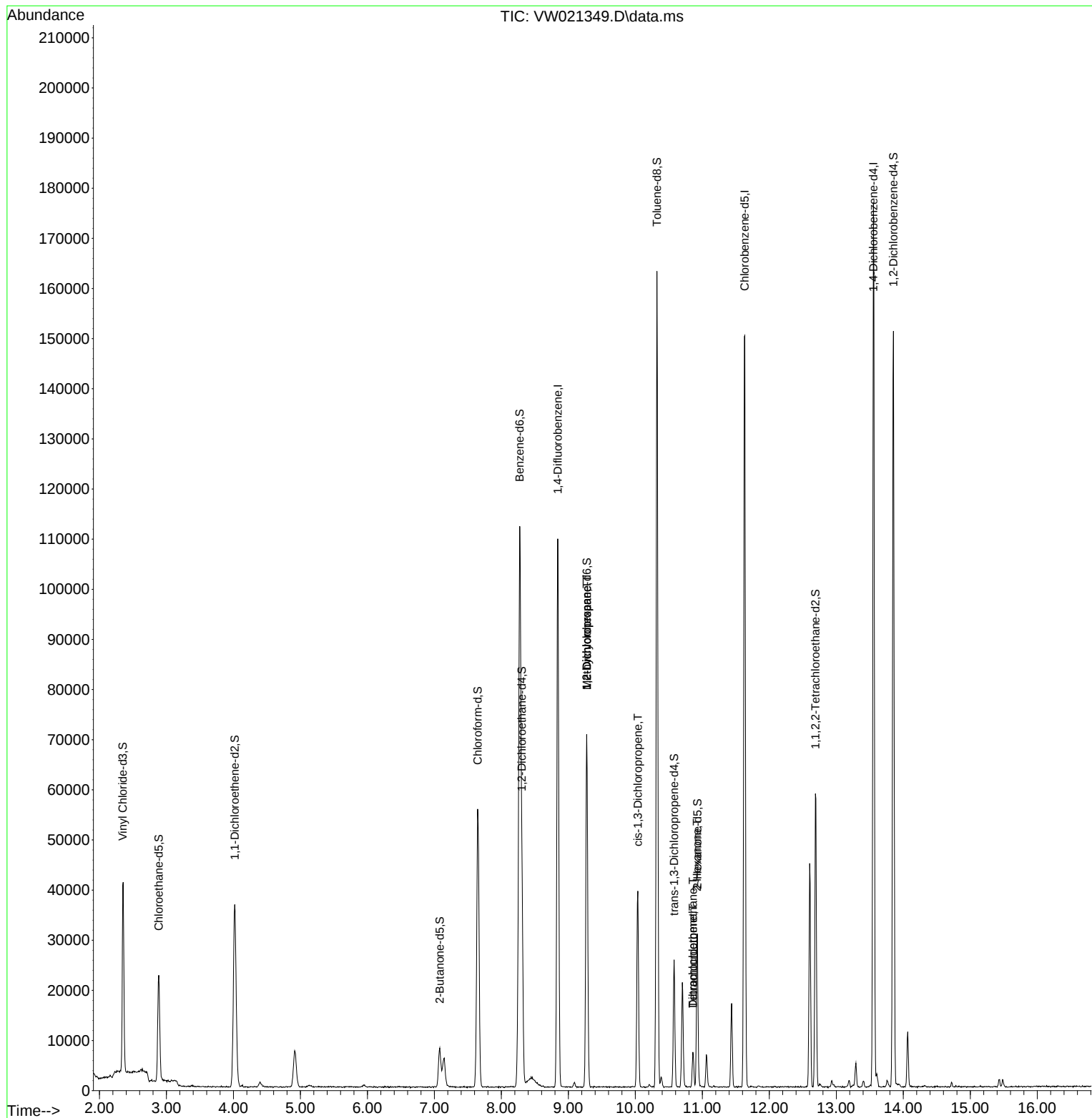
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	92380	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	89127	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	46920	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	36737	21.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
7) Chloroethane-d5	2.885	69	25112	22.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	4.019	63	33510	14.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.760%
21) 2-Butanone-d5	7.080	46	13048	55.017	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.040%
24) Chloroform-d	7.647	84	55406	21.522	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.080%
26) 1,2-Dichloroethane-d4	8.305	65	29901	21.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.320%
32) Benzene-d6	8.275	84	107112	21.925	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.720%
36) 1,2-Dichloropropane-d6	9.274	67	29689	22.660	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.640%
41) Toluene-d8	10.323	98	103065	20.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	10.579	79	13237	21.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.760%
47) 2-Hexanone-d5	10.926	63	10301	53.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.340%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	27534	24.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	39858	21.919	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.680%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	9.274	83	8074	3.591	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	3755	3.467	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1176	0.689	ug/L	# 73
46) Tetrachloroethene	10.859	164	1499	1.158	ug/L	# 86
48) 2-Hexanone	10.920	43	1286	3.005	ug/L	# 71
49) Dibromochloromethane	10.859	129	1323	1.211	ug/L	# 10

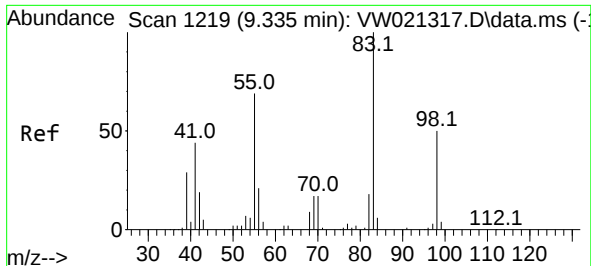
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 3.591 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021349.D

Acq: 12 Dec 2021 04:22

Instrument :

MSVOA_W

ClientSampleId :

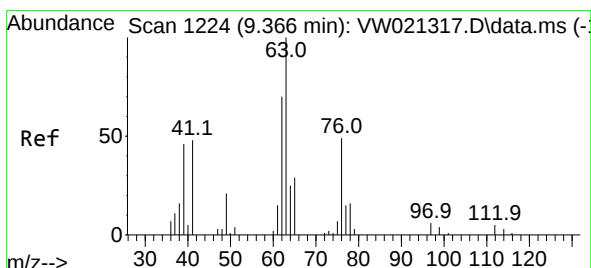
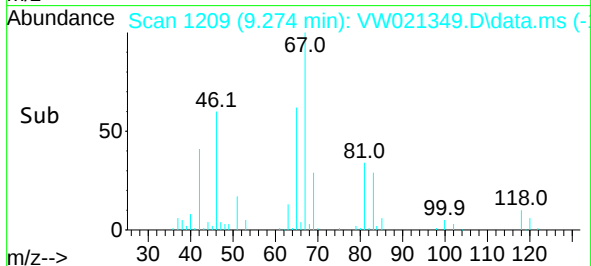
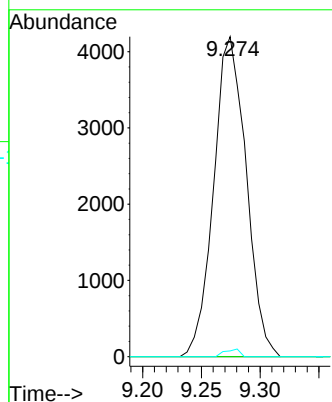
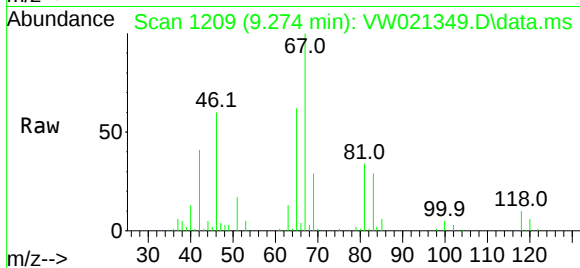
Tgt Ion: 83 Resp: 8074

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.1 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.467 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.092 min

Lab File: VW021349.D

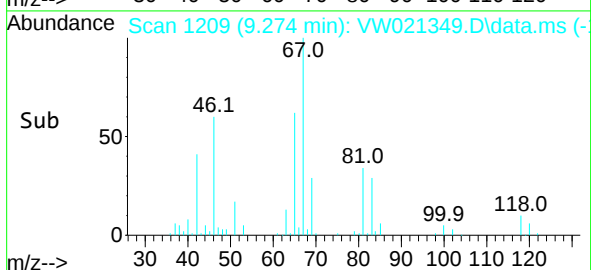
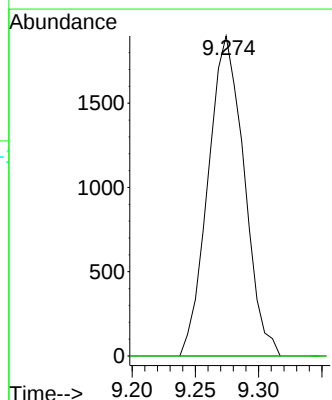
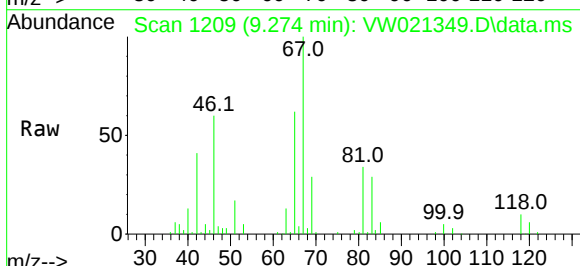
Acq: 12 Dec 2021 04:22

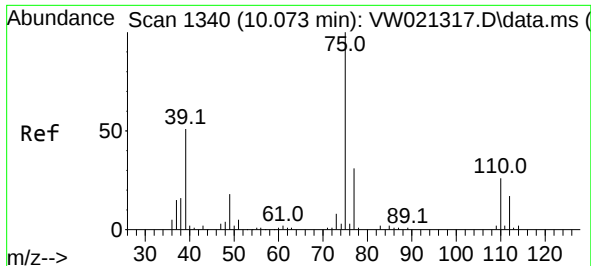
Tgt Ion: 63 Resp: 3755

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.689 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021349.D

Acq: 12 Dec 2021 04:22

Instrument :

MSVOA_W

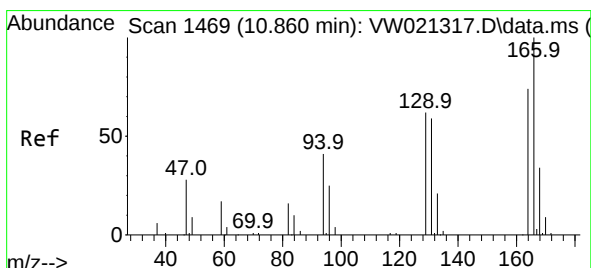
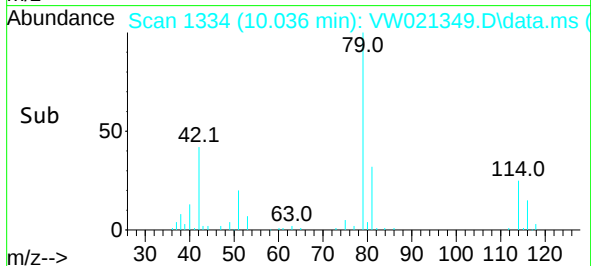
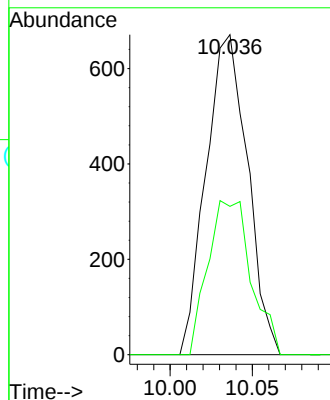
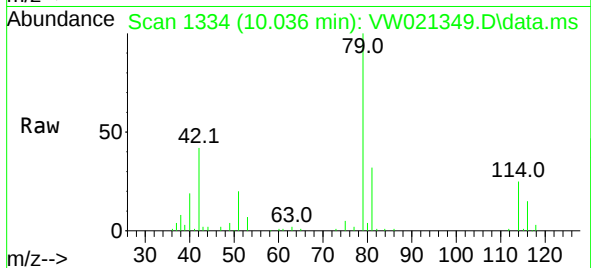
ClientSampleId :

Tgt Ion: 75 Resp: 1176

Ion Ratio Lower Upper

75 100

77 46.3 21.8 40.6#



#46

Tetrachloroethene

Concen: 1.158 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021349.D

Acq: 12 Dec 2021 04:22

Tgt Ion:164 Resp: 1499

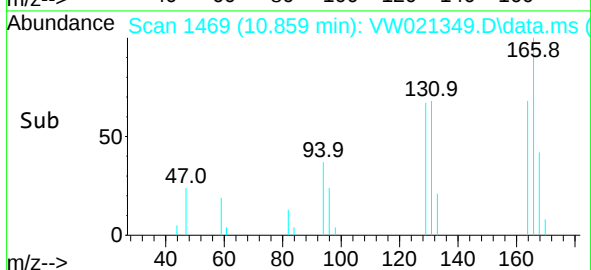
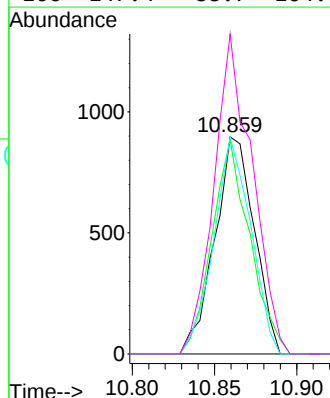
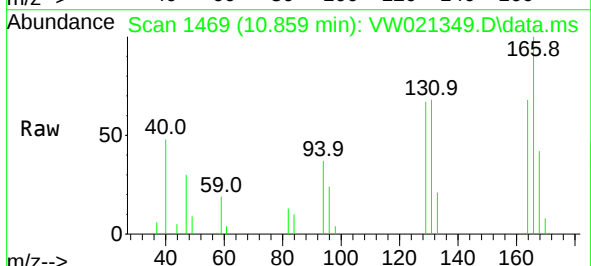
Ion Ratio Lower Upper

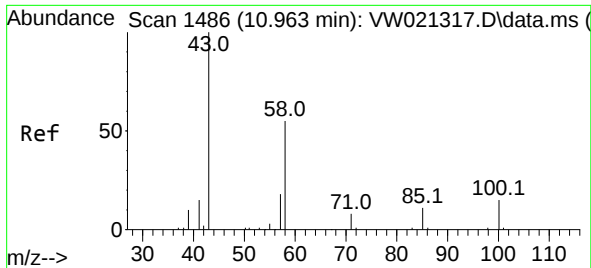
164 100

129 98.7 65.5 121.7

131 99.8 59.7 110.9

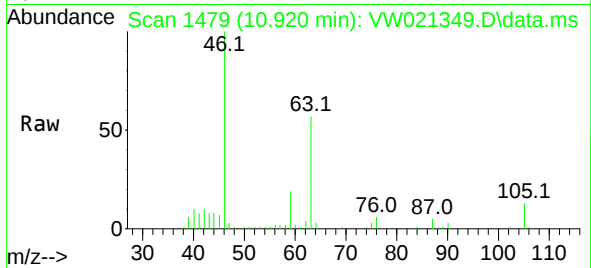
166 147.4 88.7 164.7



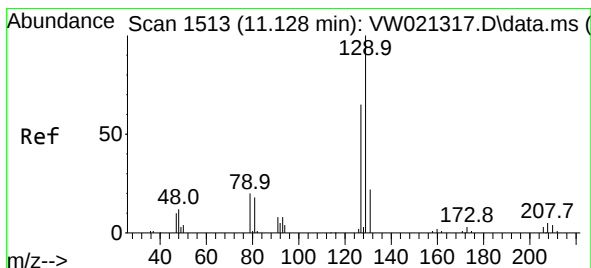
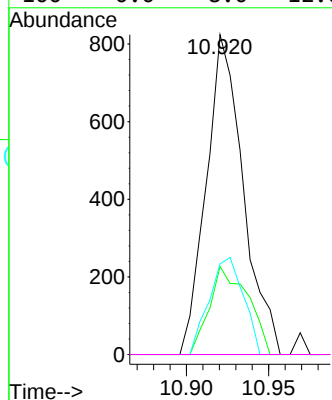
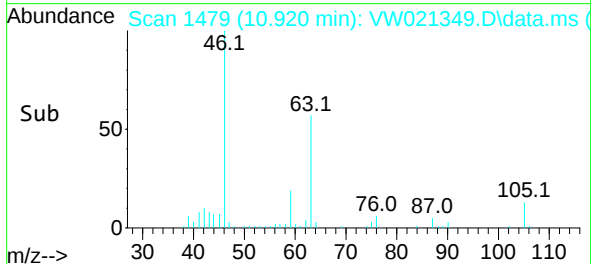


#48
2-Hexanone
Concen: 3.005 ug/L
RT: 10.920 min Scan# 1486
Delta R.T. -0.049 min
Lab File: VW021349.D
Acq: 12 Dec 2021 04:22

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 28.5 40.2 60.2#
57 28.2 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 1.211 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021349.D
Acq: 12 Dec 2021 04:22

Tgt Ion: 129 Resp: 1323
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

