

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076442.D
 Acq On : 15 Jun 2023 17:05
 Operator : KP/SY
 Sample : 03236-12
 Misc : 5.80G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 02:00:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

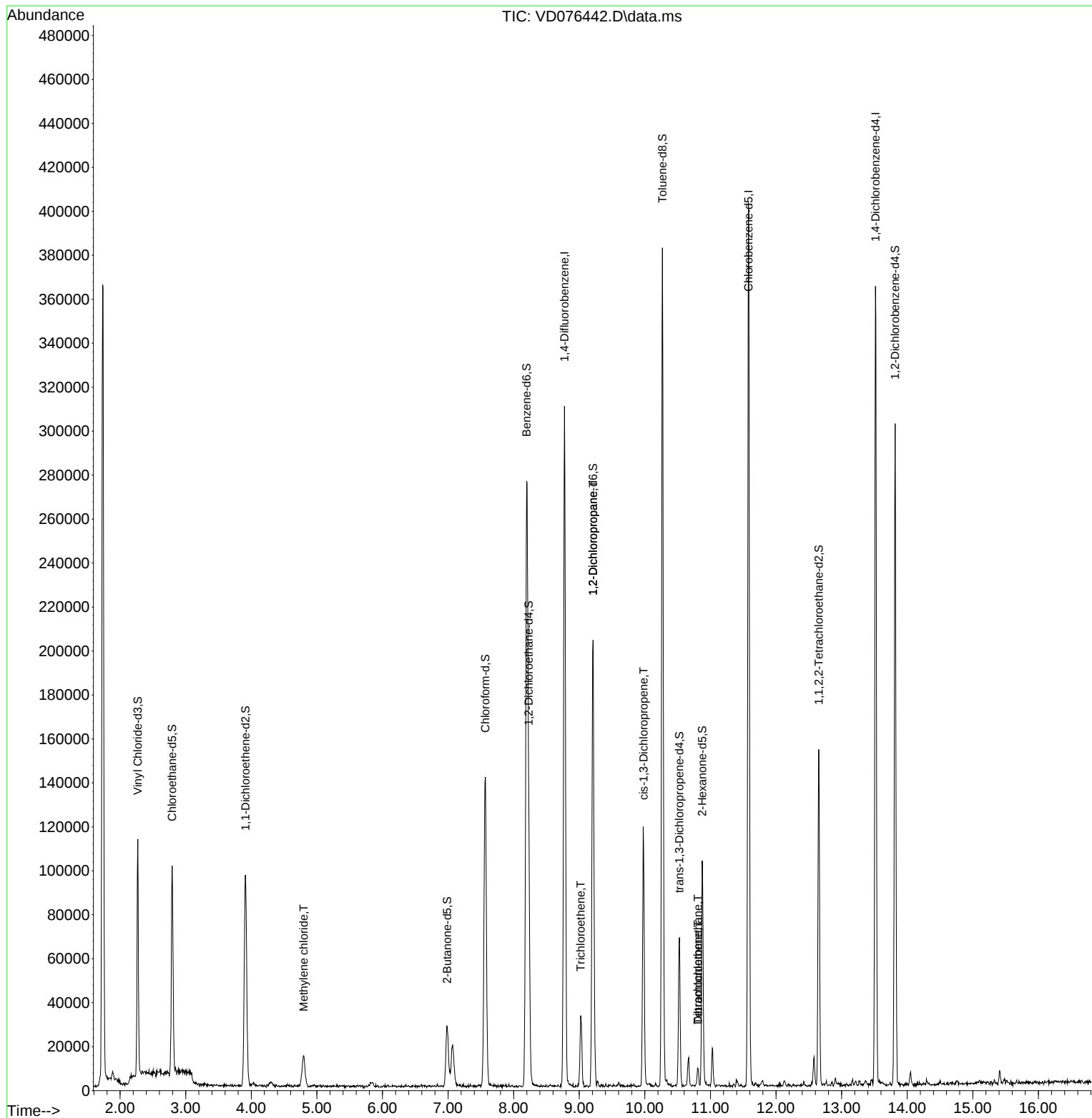
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	269242	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	232924	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	95727	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	94485	14.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.640%
7) Chloroethane-d5	2.793	69	91694	17.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.160%
11) 1,1-Dichloroethene-d2	3.910	65	28100	16.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.680%
21) 2-Butanone-d5	6.987	46	49235	49.581	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.160%
24) Chloroform-d	7.569	84	145767	20.549	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	8.228	65	73390	20.972	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.880%
32) Benzene-d6	8.198	84	292334	20.517	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.080%
36) 1,2-Dichloropropane-d6	9.210	67	103168	22.684	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.720%
41) Toluene-d8	10.269	98	257790	19.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.160%
43) trans-1,3-Dichloroprop...	10.528	79	37319	19.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.920%
47) 2-Hexanone-d5	10.875	63	36149	51.203	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.400%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76585	23.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	78277	22.309	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.240%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	10414	2.225	ug/L	84
34) Trichloroethene	9.022	95	10968	2.770	ug/L	81
37) 1,2-Dichloropropane	9.210	63	11105	2.642	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	3152	0.491	ug/L	96
46) Tetrachloroethene	10.810	164	1799	0.578	ug/L #	82
49) Dibromochloromethane	10.810	129	1597	0.487	ug/L #	10

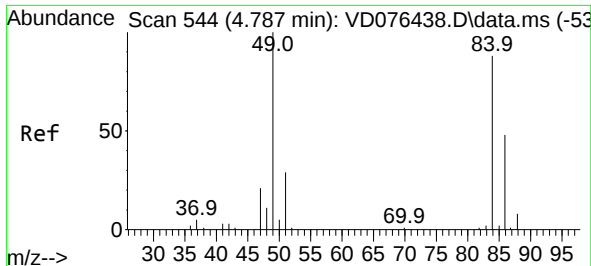
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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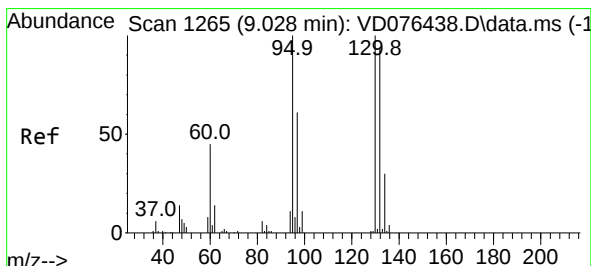
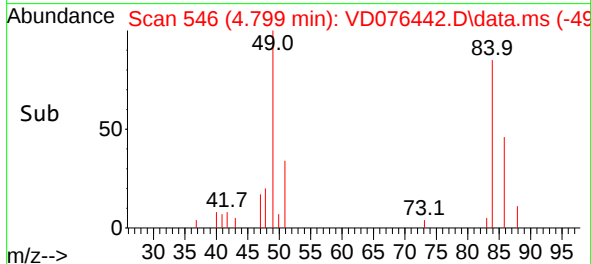
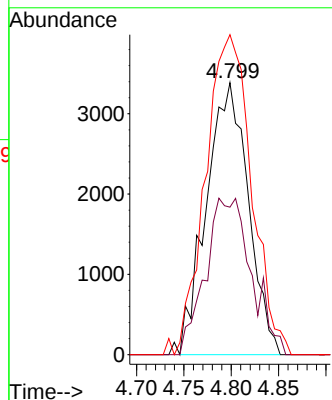
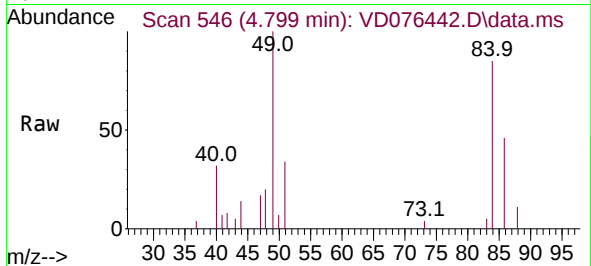




#16
Methylene chloride
Concen: 2.225 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD076442.D
Acq: 15 Jun 2023 17:05

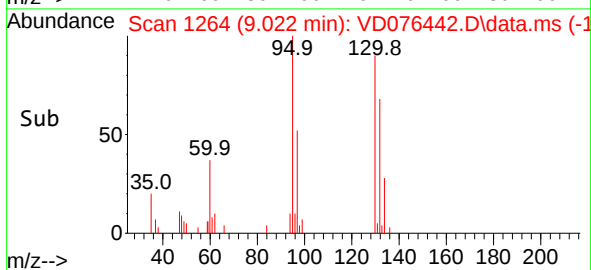
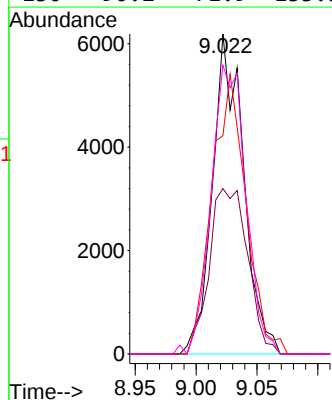
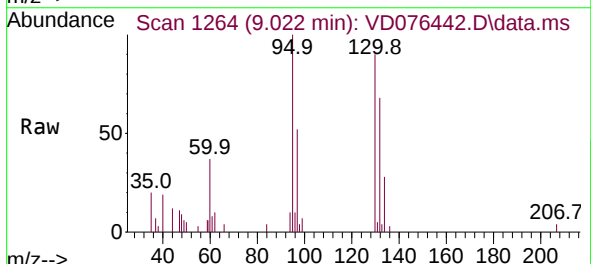
Instrument :
MSVOA_D
ClientSampleId :

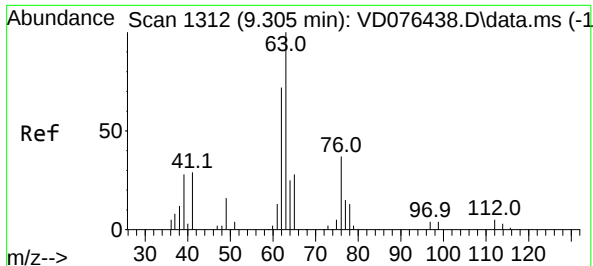
Tgt Ion: 84 Resp: 10414
Ion Ratio Lower Upper
84 100
86 54.2 45.1 83.9
49 117.7 97.2 180.6



#34
Trichloroethene
Concen: 2.770 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076442.D
Acq: 15 Jun 2023 17:05

Tgt Ion: 95 Resp: 10968
Ion Ratio Lower Upper
95 100
97 51.7 43.1 80.1
132 71.8 71.8 133.4
130 90.2 71.9 133.5

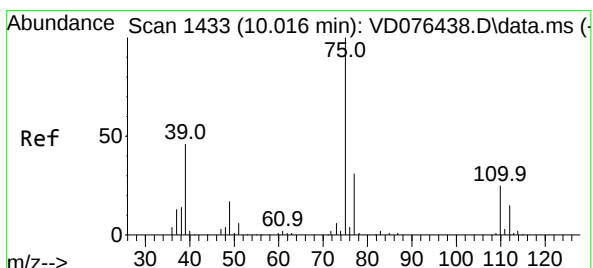
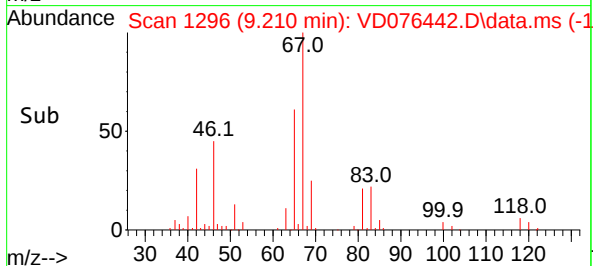
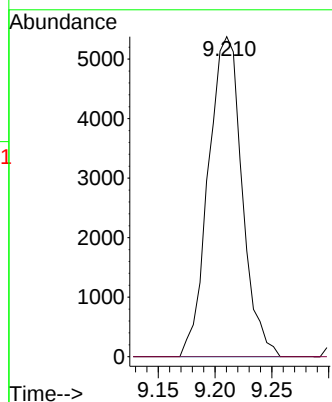
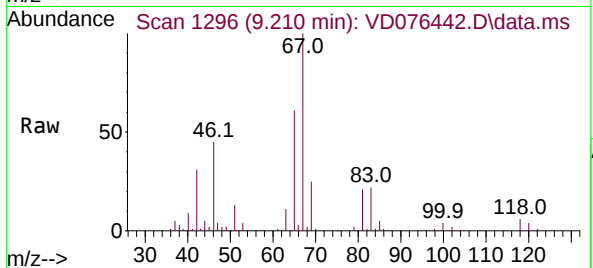




#37
1,2-Dichloropropane
Concen: 2.642 ug/L
RT: 9.210 min Scan# 11105
Delta R.T. -0.094 min
Lab File: VD076442.D
Acq: 15 Jun 2023 17:05

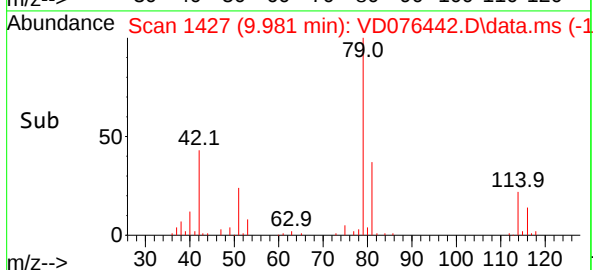
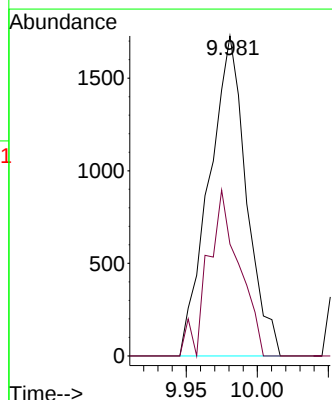
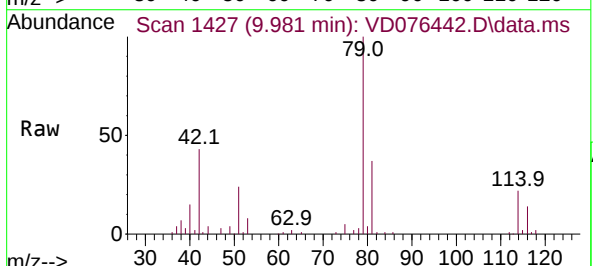
Instrument :
MSVOA_D
ClientSampleId :

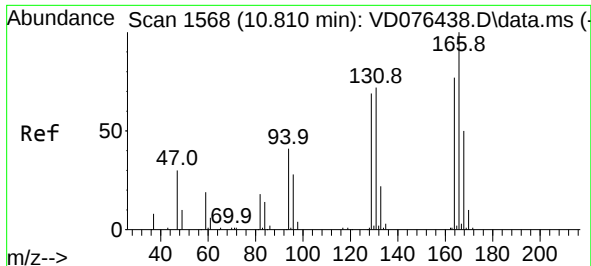
Tgt Ion: 63 Resp: 11105
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.491 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076442.D
Acq: 15 Jun 2023 17:05

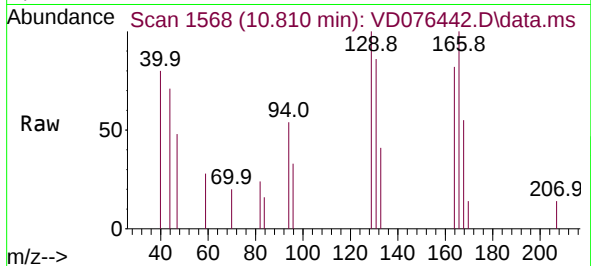
Tgt Ion: 75 Resp: 3152
Ion Ratio Lower Upper
75 100
77 35.0 22.7 42.3



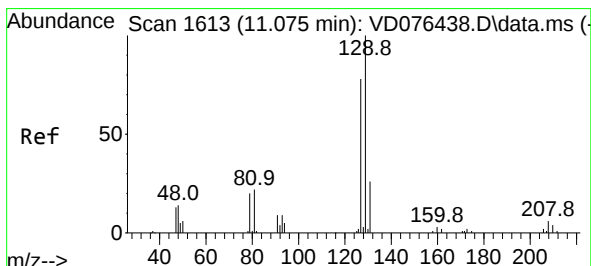
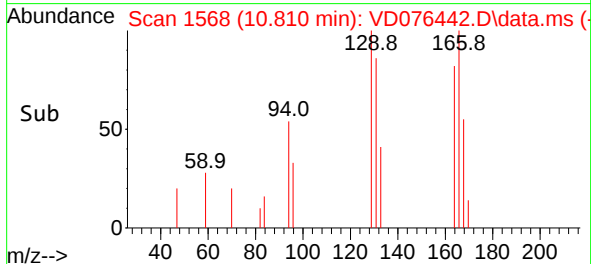
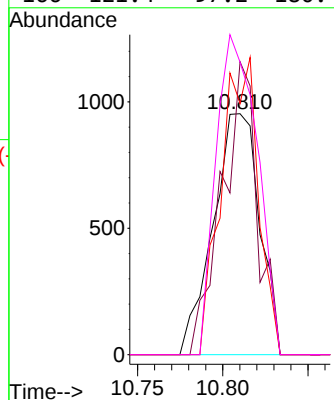


#46
Tetrachloroethene
Concen: 0.578 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076442.D
Acq: 15 Jun 2023 17:05

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:164 Resp: 1799
Ion Ratio Lower Upper
164 100
129 121.6 65.5 121.6#
131 104.2 64.8 120.3
166 121.4 97.2 180.4



#49
Dibromochloromethane
Concen: 0.487 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD076442.D
Acq: 15 Jun 2023 17:05

Tgt Ion:129 Resp: 1597
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#

