

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049251.D
 Acq On : 17 Jun 2022 17:04
 Operator : SY/MD
 Sample : N3320-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ84DL

Quant Time: Jun 18 04:15:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

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

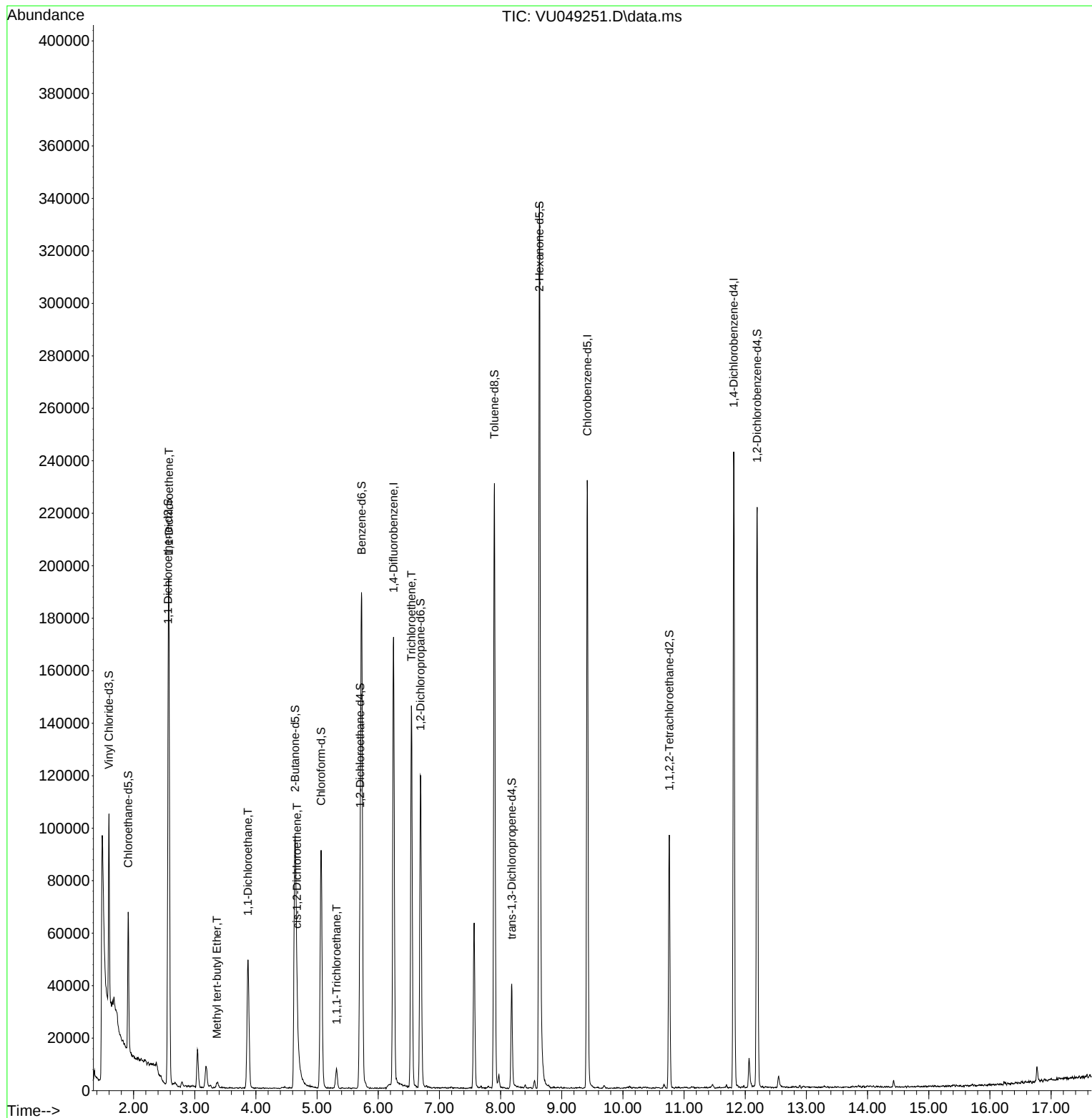
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	133979	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50877	4.346	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.912	69	36114	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.565	65	19538	4.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.639	46	164546	52.641	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.280%
24) Chloroform-d	5.067	84	83500	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.703	65	47349	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.729	84	169095	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.690	67	57608	4.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.899	98	147929	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.182	79	21270	3.757	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.636	63	122263	53.534	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48003	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	54398	4.605	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	44283	5.878	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	2381	0.104	ug/L	# 85
19) 1,1-Dichloroethane	3.871	63	56602	3.439	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	1302	0.139	ug/L	91
29) 1,1,1-Trichloroethane	5.317	97	5321	0.357	ug/L	95
34) Trichloroethene	6.542	95	49202	5.190	ug/L	98

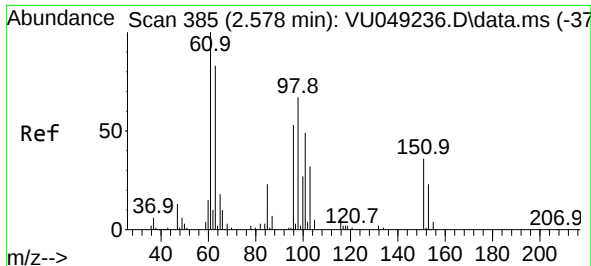
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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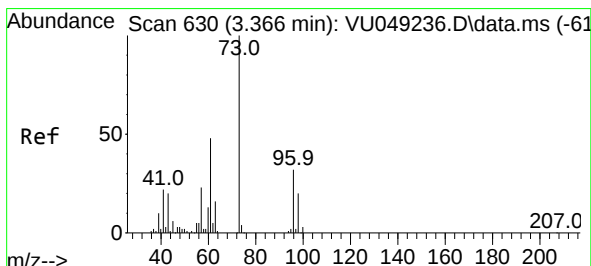
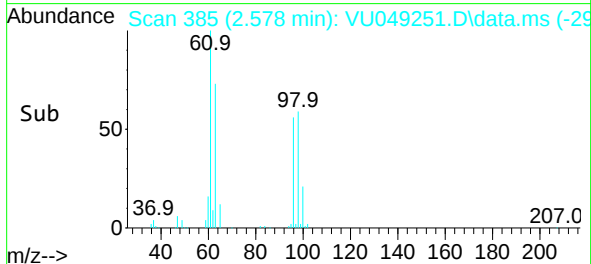
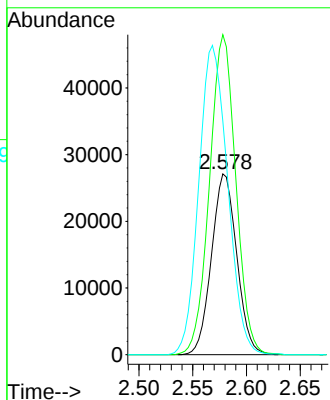
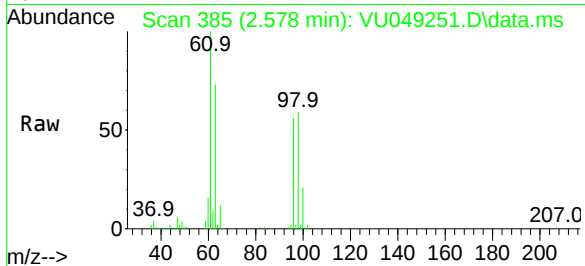




#12
1,1-Dichloroethene
Concen: 5.878 ug/L
RT: 2.578 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049251.D
Acq: 17 Jun 2022 17:04

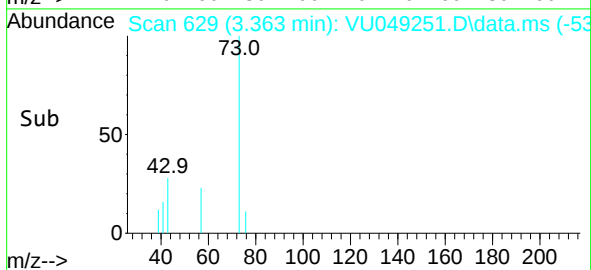
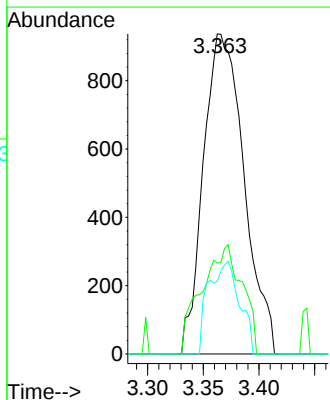
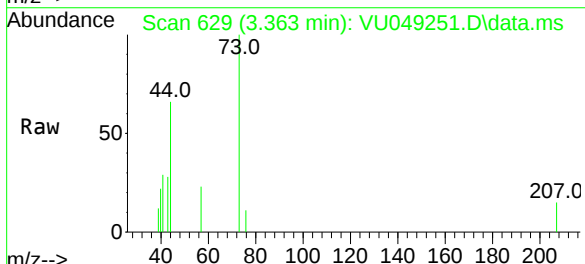
Instrument :
MSVOA_U
ClientSampleId :
BGJ84DL

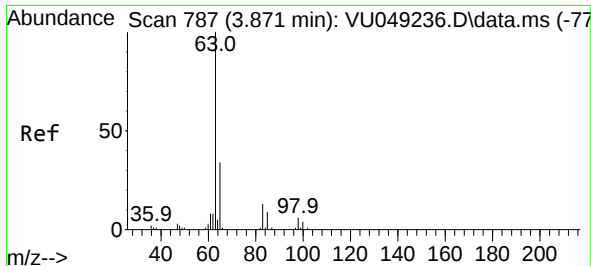
Tgt Ion: 96 Resp: 44283
Ion Ratio Lower Upper
96 100
61 177.0 127.2 236.2
63 129.2 94.7 175.9



#17
Methyl tert-butyl Ether
Concen: 0.104 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU049251.D
Acq: 17 Jun 2022 17:04

Tgt Ion: 73 Resp: 2381
Ion Ratio Lower Upper
73 100
43 34.0 16.5 24.7#
57 22.0 18.6 27.8





#19

1,1-Dichloroethane

Concen: 3.439 ug/L

RT: 3.871 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU049251.D

Acq: 17 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

BGJ84DL

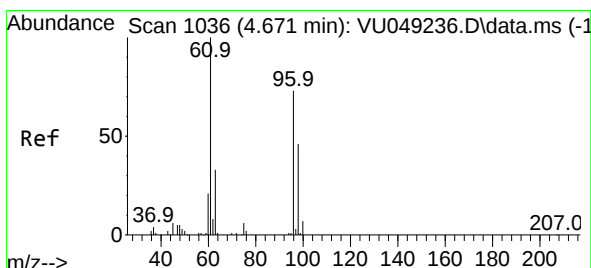
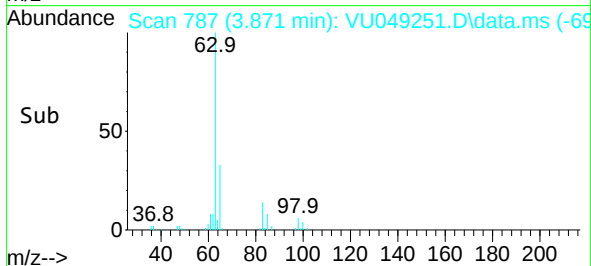
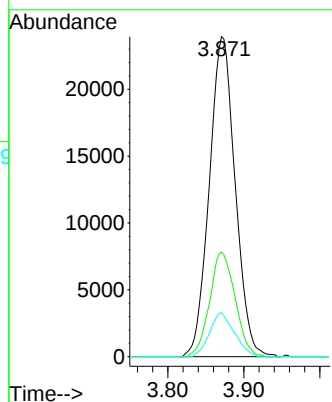
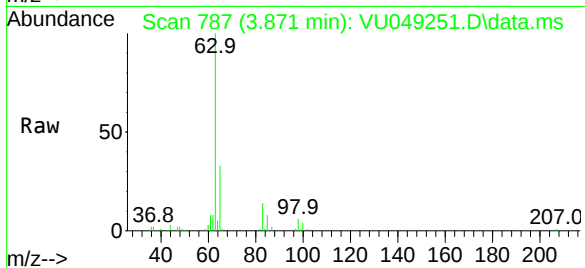
Tgt Ion: 63 Resp: 56602

Ion Ratio Lower Upper

63 100

65 33.3 24.0 44.6

83 13.7 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.139 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU049251.D

Acq: 17 Jun 2022 17:04

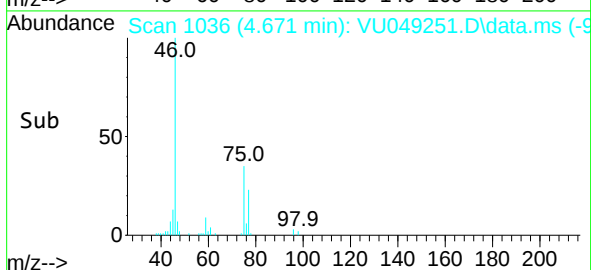
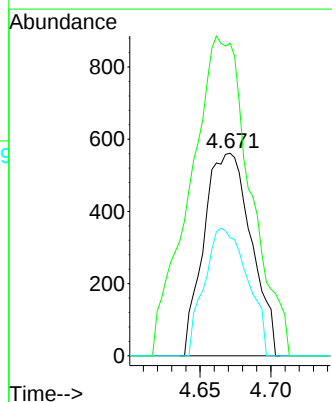
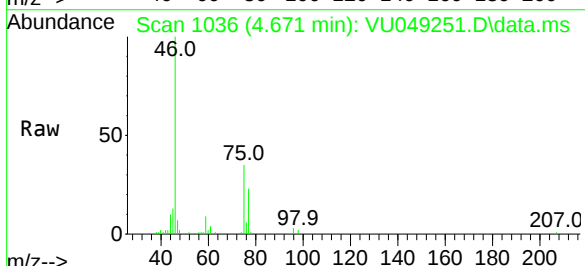
Tgt Ion: 96 Resp: 1302

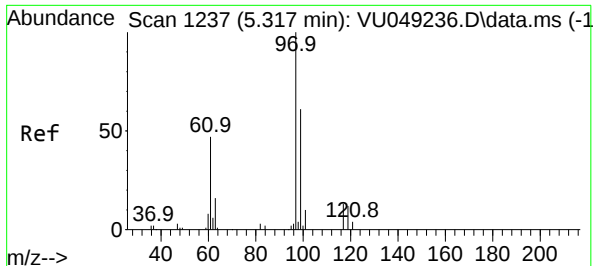
Ion Ratio Lower Upper

96 100

61 154.4 99.5 184.9

98 58.3 44.8 83.2





#29

1,1,1-Trichloroethane

Concen: 0.357 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049251.D

Acq: 17 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

BGJ84DL

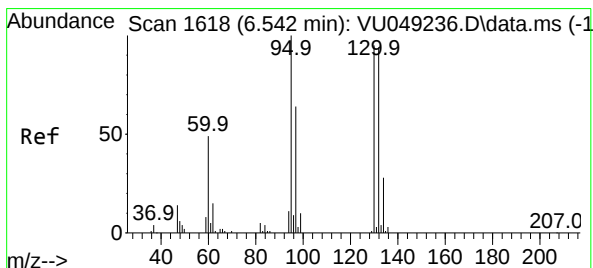
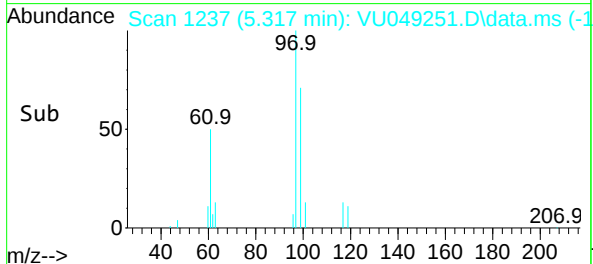
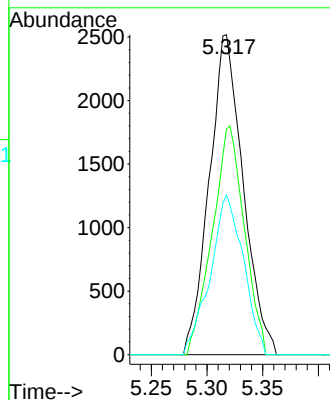
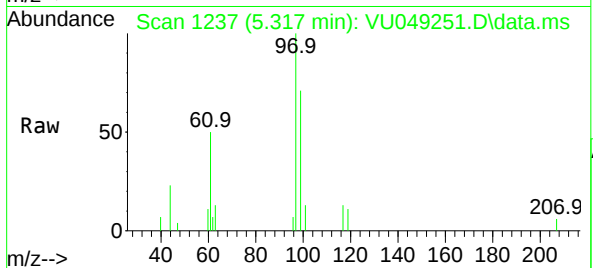
Tgt Ion: 97 Resp: 5321

Ion Ratio Lower Upper

97 100

99 67.6 51.0 76.4

61 48.8 36.2 54.4



#34

Trichloroethene

Concen: 5.190 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049251.D

Acq: 17 Jun 2022 17:04

Tgt Ion: 95 Resp: 49202

Ion Ratio Lower Upper

95 100

97 64.4 45.3 84.1

132 90.8 61.5 114.3

130 94.9 65.6 121.8

