

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032923\
 Data File : VV030325.D
 Acq On : 29 Mar 2023 14:28
 Operator : SY/MD
 Sample : 02099-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0

Quant Time: Mar 30 02:10:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

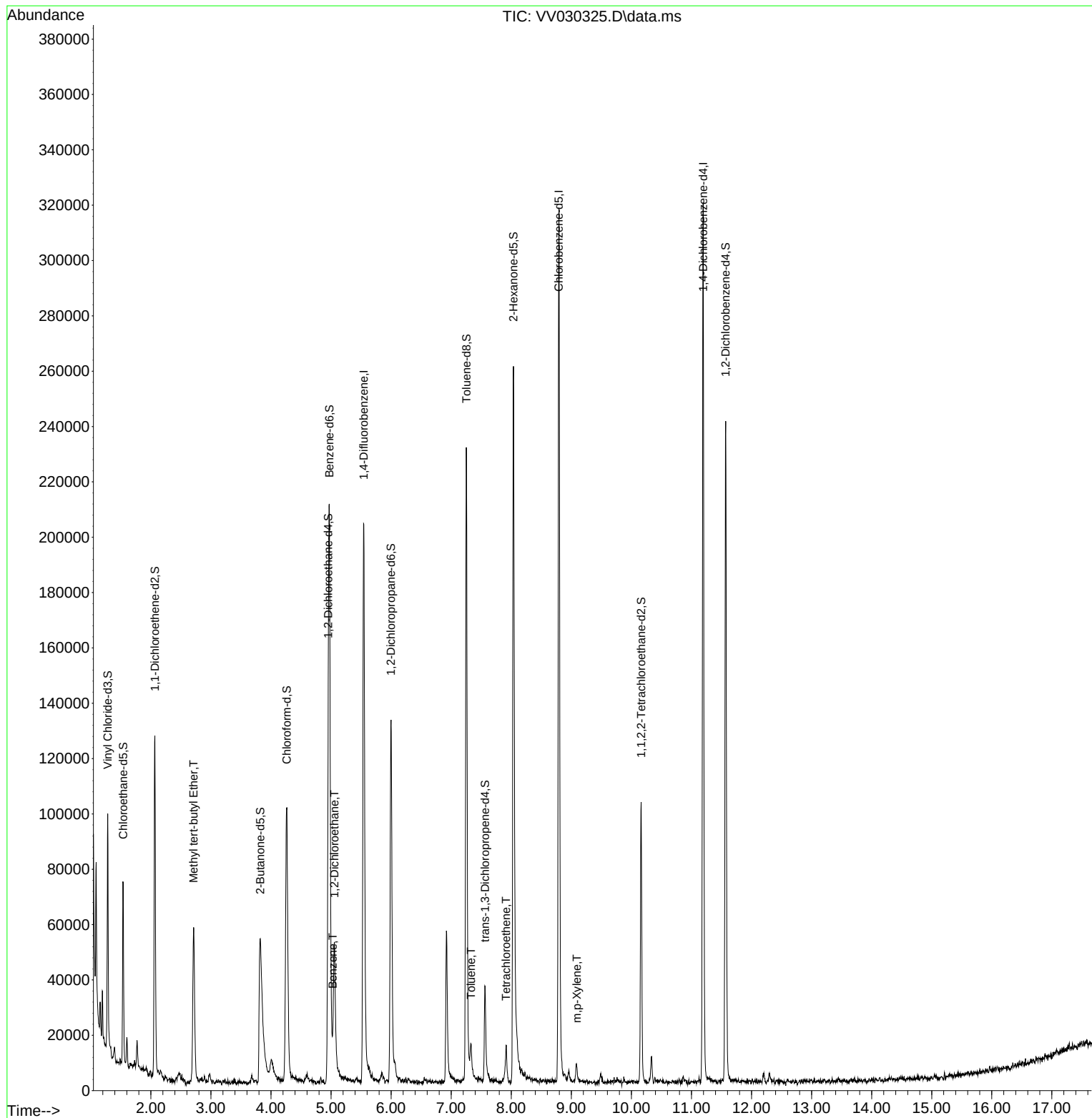
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	174724	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	172852	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	83586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	39309	3.397	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.539	69	40937	3.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.066	63	67157	2.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.000%#
20) 2-Butanone-d5	3.821	46	130008	43.466	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.940%
24) Chloroform-d	4.262	84	106402	3.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	4.953	65	52432	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	4.973	84	186644	3.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	5.998	67	60408	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.252	98	152812	3.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	7.564	79	20819	3.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.037	63	96375	41.773	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.540%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	45962	3.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	61523	4.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.712	73	51822	1.676	ug/L	96
27) 1,2-Dichloroethane	5.056	62	44533	2.444	ug/L	97
33) Benzene	5.027	78	7040	0.115	ug/L	100
42) Toluene	7.329	91	8757	0.134	ug/L	89
47) Tetrachloroethene	7.915	164	2986	0.204	ug/L	86
53) m,p-Xylene	9.091	106	1652	0.060	ug/L	82

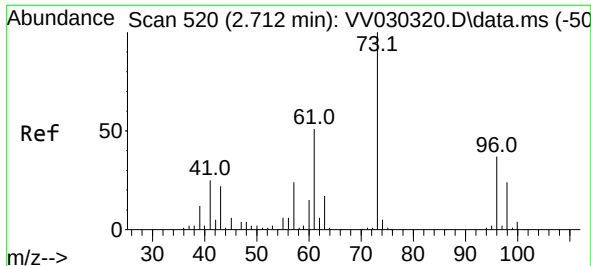
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 30 01:55:26 2023
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#17

Methyl tert-butyl Ether

Concen: 1.676 ug/L

RT: 2.712 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030325.D

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Instrument :

MSVOA_V

ClientSampleId :

H0AB0

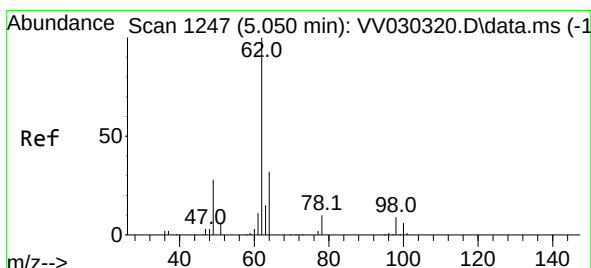
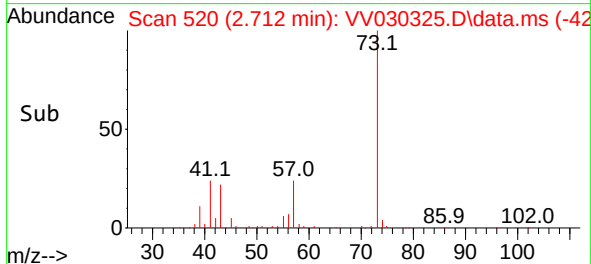
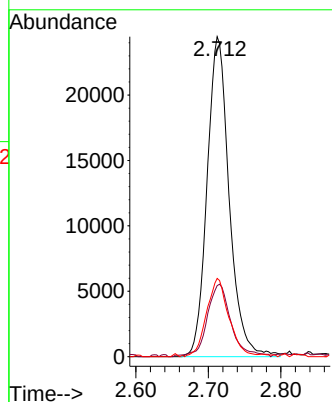
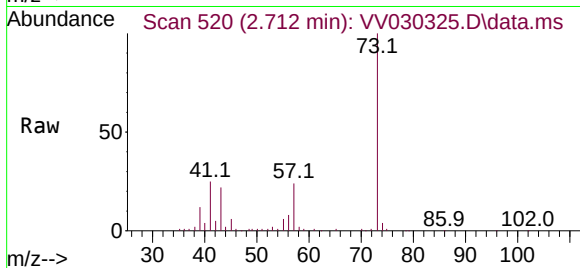
Tgt Ion: 73 Resp: 51822

Ion Ratio Lower Upper

73 100

43 24.3 17.4 26.2

57 24.7 18.3 27.5



#27

1,2-Dichloroethane

Concen: 2.444 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.006 min

Lab File: VV030325.D

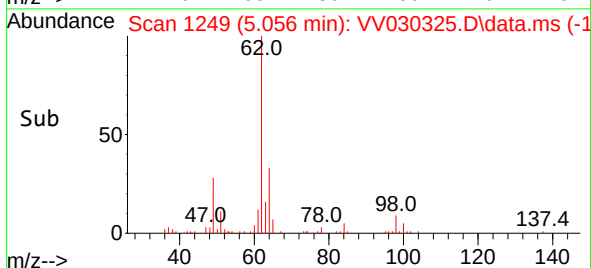
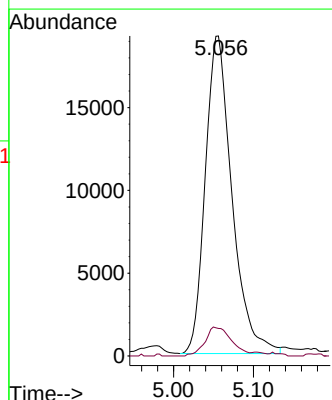
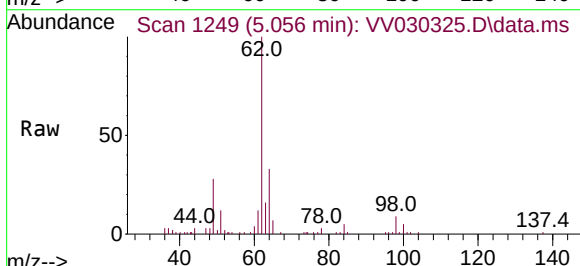
Acq: 29 Mar 2023 14:28

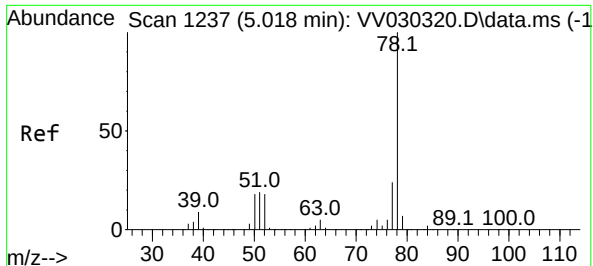
Tgt Ion: 62 Resp: 44533

Ion Ratio Lower Upper

62 100

98 8.6 7.8 11.8

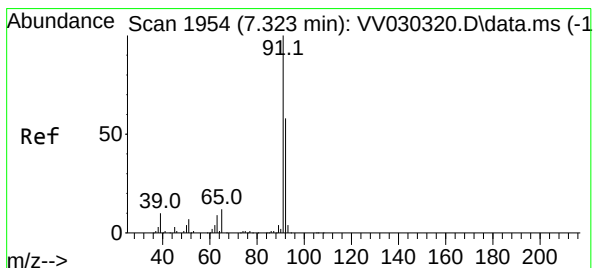
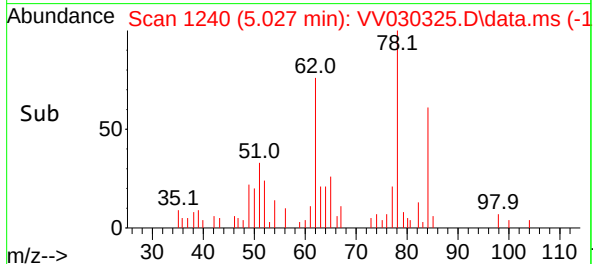
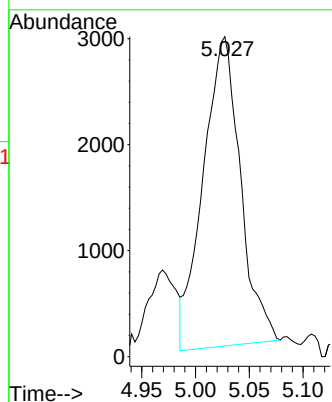
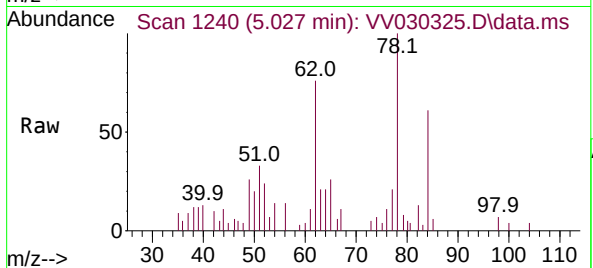




#33
Benzene
Concen: 0.115 ug/L
RT: 5.027 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV030325.D
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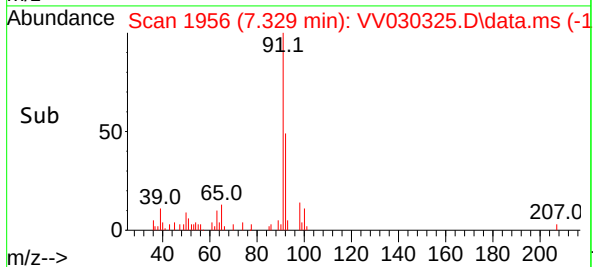
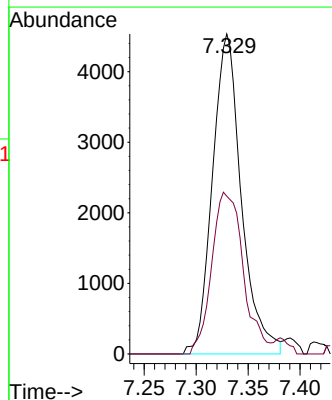
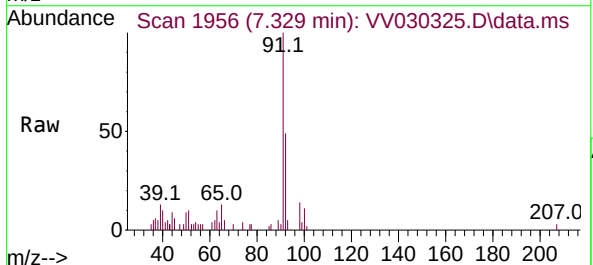
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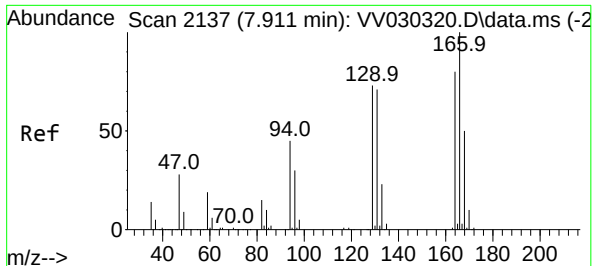
Tgt Ion: 78 Resp: 7040



#42
Toluene
Concen: 0.134 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VV030325.D
Acq: 29 Mar 2023 14:28

Tgt Ion: 91 Resp: 8757
Ion Ratio Lower Upper
91 100
92 49.3 40.4 75.0





#47

Tetrachloroethene

Concen: 0.204 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV030325.D

Acq: 29 Mar 2023 14:28

Instrument :

MSVOA_V

ClientSampleId :

H0AB0

Tgt Ion:164 Resp: 2986

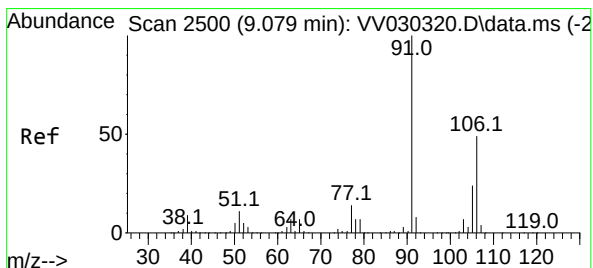
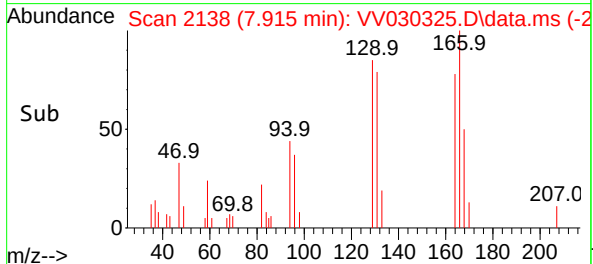
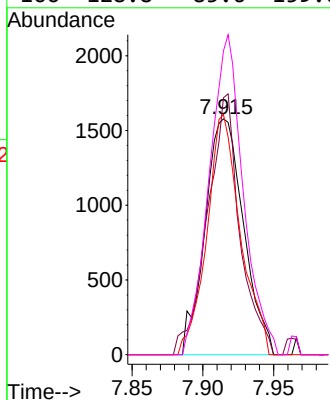
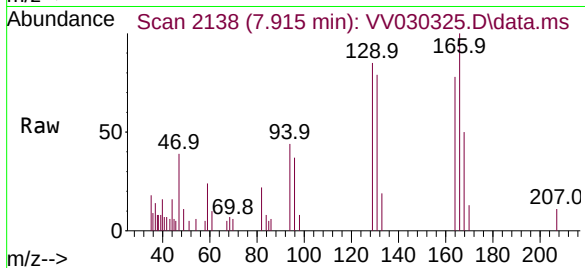
Ion Ratio Lower Upper

164 100

129 108.9 60.8 112.8

131 101.8 61.7 114.7

166 128.8 85.6 159.0



#53

m,p-Xylene

Concen: 0.060 ug/L

RT: 9.091 min Scan# 2504

Delta R.T. 0.013 min

Lab File: VV030325.D

Acq: 29 Mar 2023 14:28

Tgt Ion:106 Resp: 1652

Ion Ratio Lower Upper

106 100

91 175.7 142.4 264.4

