

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039149.D
 Acq On : 11 Dec 2023 17:17
 Operator : JC/MD
 Sample : 05752-03 100X
 Misc : 4.97g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AT1

Quant Time: Dec 12 03:56:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

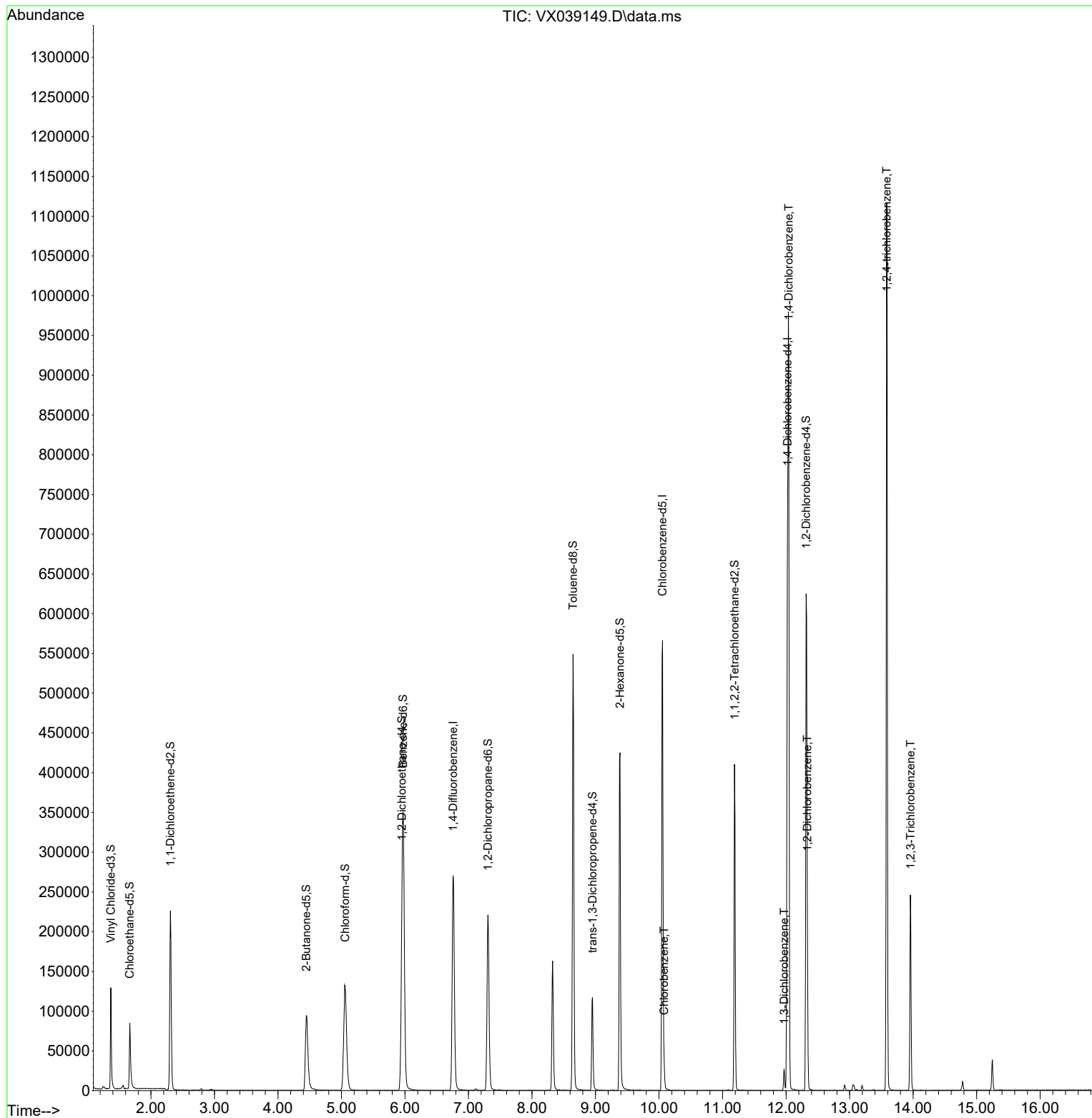
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	266944	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	244194	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114373	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	81576	38.961	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.920%	
7) Chloroethane-d5	1.666	69	60484	39.082	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.160%	
11) 1,1-Dichloroethene-d2	2.306	65	41656	45.323	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.640%	
21) 2-Butanone-d5	4.446	46	169417	89.389	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.390%	
24) Chloroform-d	5.056	84	160735	43.366	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.740%	
26) 1,2-Dichloroethane-d4	5.952	65	116132	48.380	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.760%	
32) Benzene-d6	5.970	84	346276	45.948	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.900%	
36) 1,2-Dichloropropane-d6	7.305	67	113395	46.754	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.500%	
41) Toluene-d8	8.646	98	310089	45.403	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.951	79	54911	44.490	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.980%	
47) 2-Hexanone-d5	9.384	63	124587	86.007	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.010%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	157422	45.755	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.500%	
66) 1,2-Dichlorobenzene-d4	12.317	152	106852	49.426	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.860%	
Target Compounds						
51) Chlorobenzene	10.079	112	9627	1.894	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	7758	2.169	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	264696	73.024	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	49882	14.578	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	220925	99.064	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	51308	23.761	ug/L	99

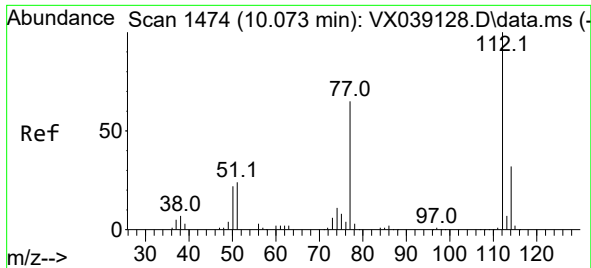
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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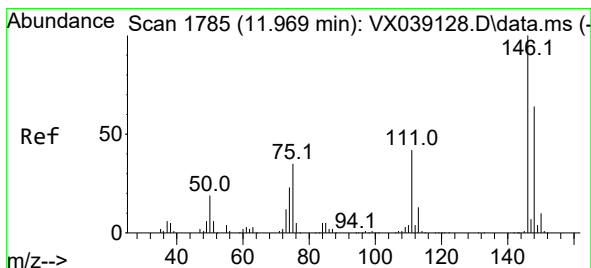
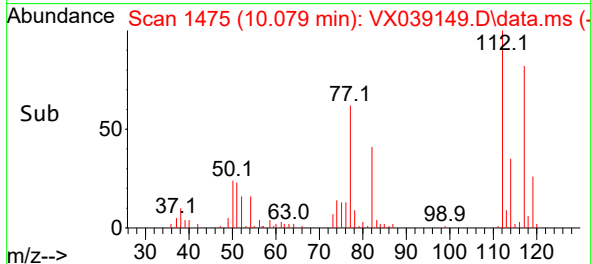
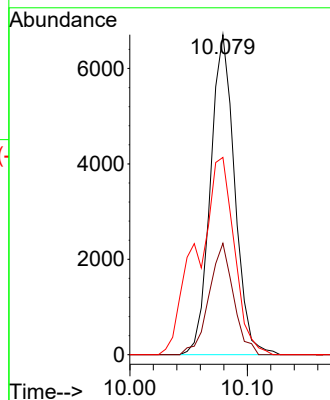
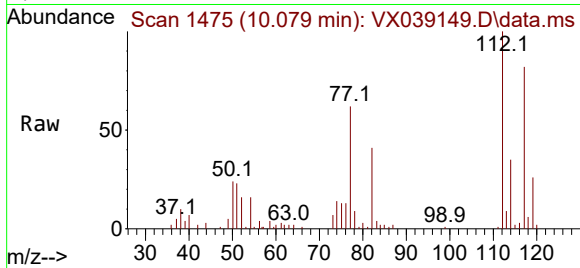




#51
Chlorobenzene
Concen: 1.894 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

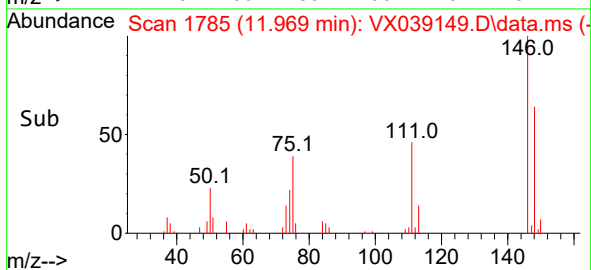
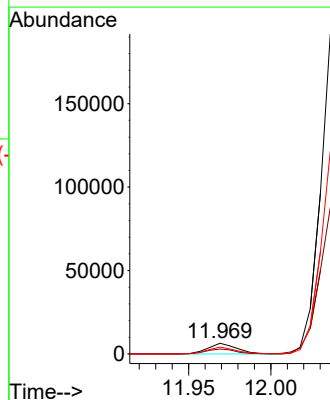
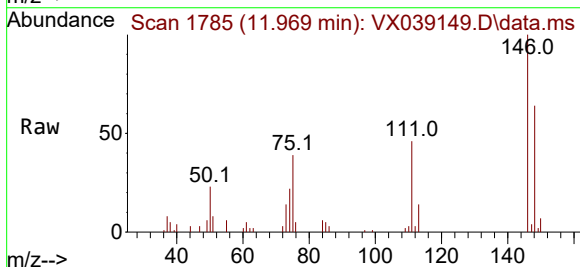
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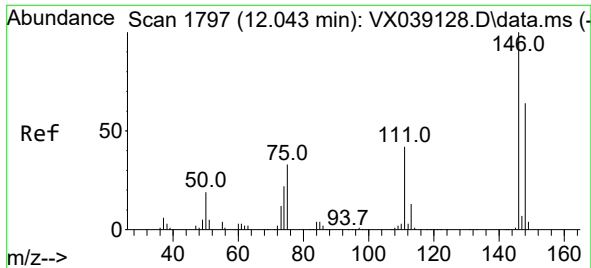
Tgt Ion:112 Resp: 9627
Ion Ratio Lower Upper
112 100
114 34.8 21.8 40.4
77 61.6 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 2.169 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

Tgt Ion:146 Resp: 7758
Ion Ratio Lower Upper
146 100
111 45.8 30.0 55.6
148 63.7 44.2 82.0

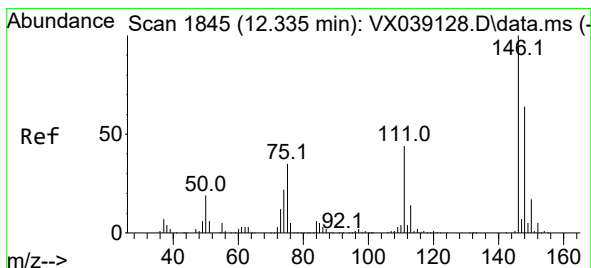
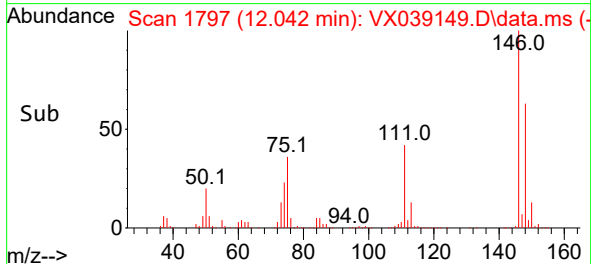
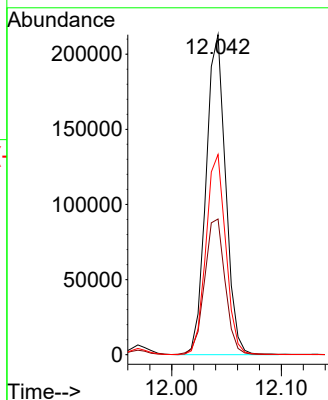
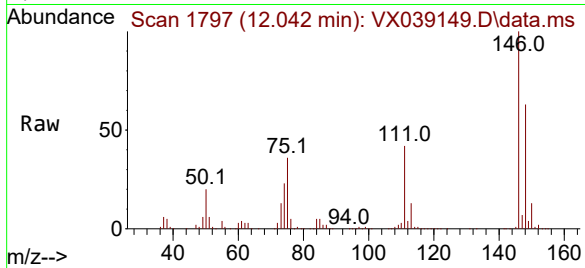




#65
1,4-Dichlorobenzene
Concen: 73.024 ug/L
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

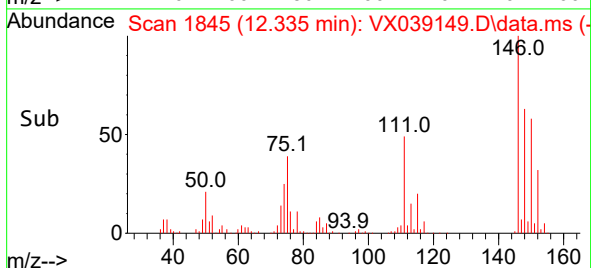
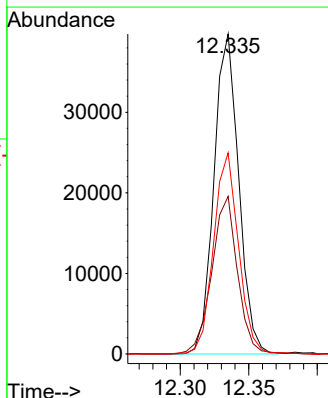
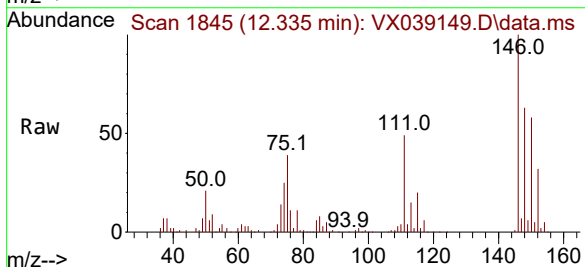
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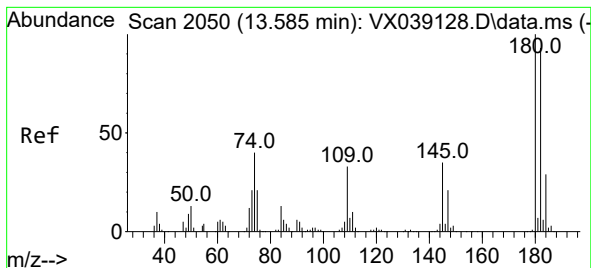
Tgt Ion:146 Resp: 264696
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 62.6 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 14.578 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

Tgt Ion:146 Resp: 49882
Ion Ratio Lower Upper
146 100
111 49.2 36.4 54.6
148 62.8 50.0 75.0





#70

1,2,4-trichlorobenzene

Concen: 99.064 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039149.D

Acq: 11 Dec 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

C0AT1

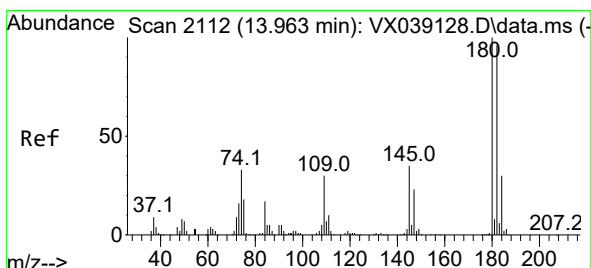
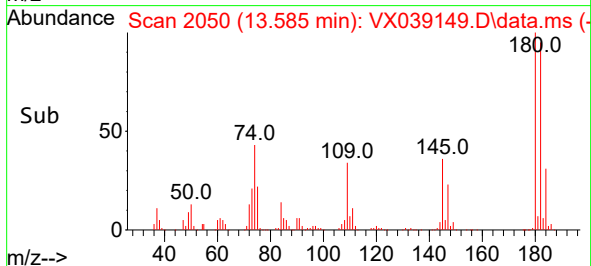
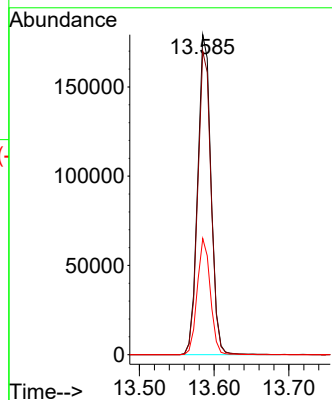
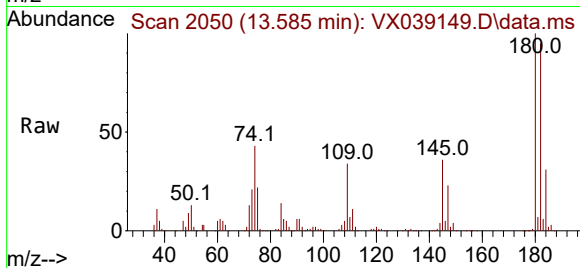
Tgt Ion:180 Resp: 220925

Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 35.7 27.8 41.6



#72

1,2,3-Trichlorobenzene

Concen: 23.761 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039149.D

Acq: 11 Dec 2023 17:17

Tgt Ion:180 Resp: 51308

Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 36.6 28.6 42.8

