

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048036.D
 Acq On : 14 Apr 2022 04:08
 Operator : SY/MD
 Sample : N2386-14 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J38

Quant Time: Apr 14 07:21:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

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

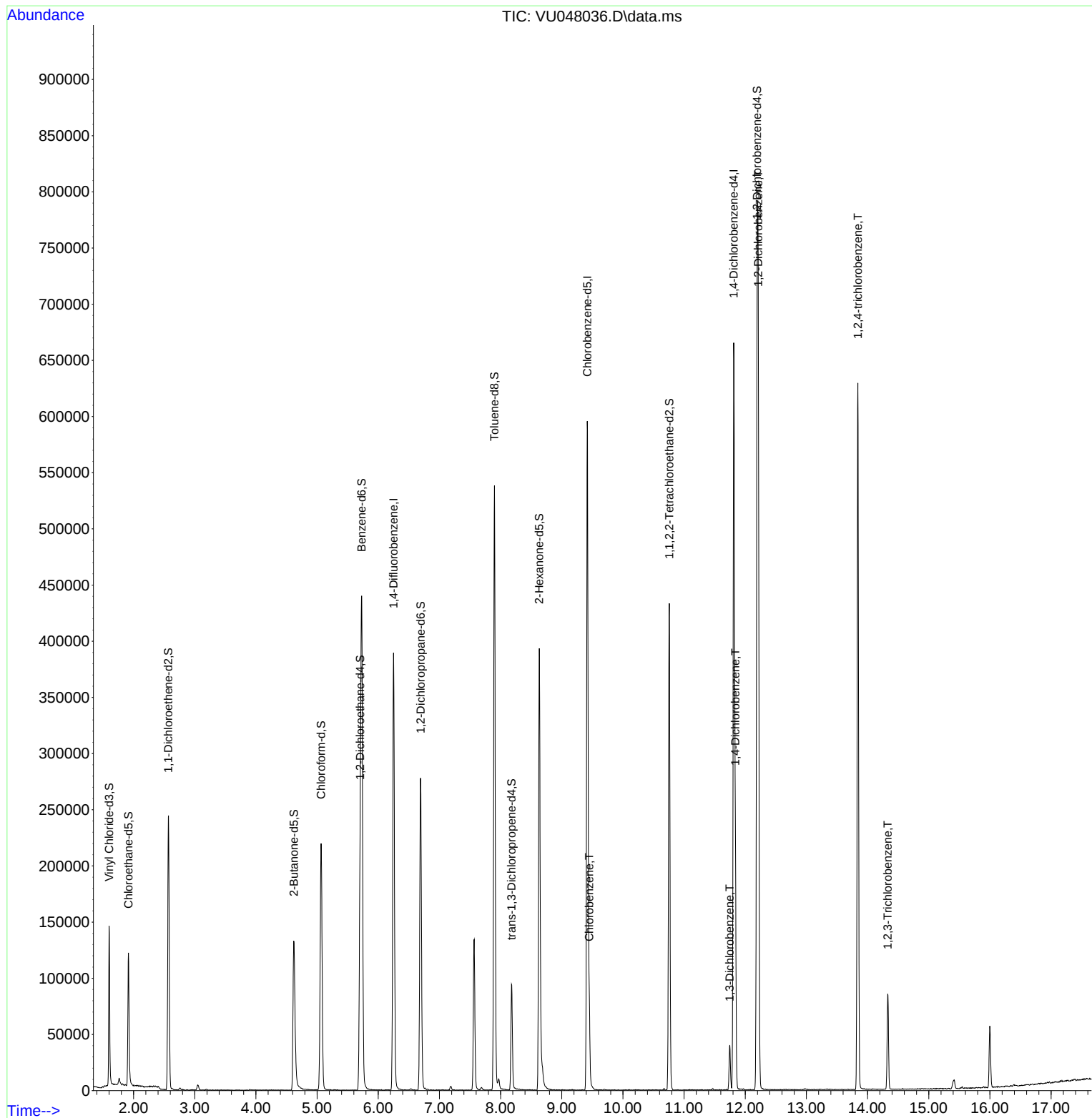
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	334797	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182410	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101220	41.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.380%
7) Chloroethane-d5	1.916	69	94289	49.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.500%
11) 1,1-Dichloroethene-d2	2.568	63	139544	31.415	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.840%
21) 2-Butanone-d5	4.620	46	191757	92.020	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.020%
24) Chloroform-d	5.067	84	208477	46.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
26) 1,2-Dichloroethane-d4	5.703	65	132673	48.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
32) Benzene-d6	5.729	84	419335	47.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
36) 1,2-Dichloropropane-d6	6.693	67	138310	50.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.960%
41) Toluene-d8	7.899	98	368091	42.765	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.540%
43) trans-1,3-Dichloroprop...	8.179	79	54374	39.559	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.120%
47) 2-Hexanone-d5	8.632	63	139480	87.820	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213007	45.747	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.500%
66) 1,2-Dichlorobenzene-d4	12.195	152	165849	51.105	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.220%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.449	112	39436	5.209	ug/L	93
64) 1,3-Dichlorobenzene	11.748	146	17532	3.200	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	90169	15.887	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	251620	45.893	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	211453	54.248	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	28270	7.235	ug/L	99

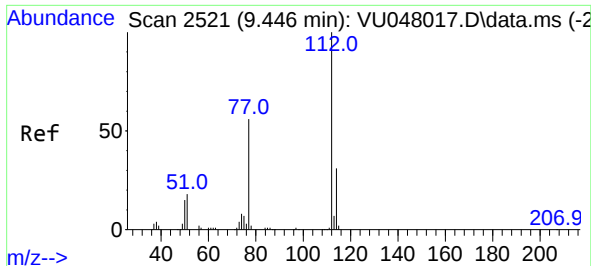
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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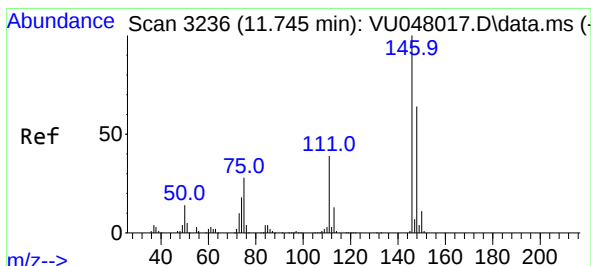
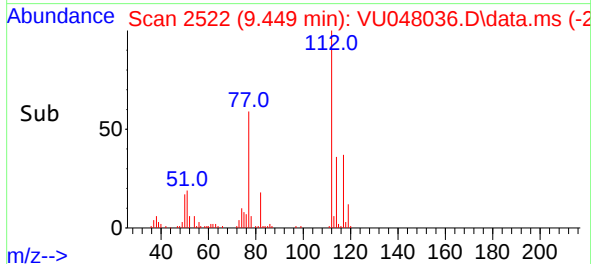
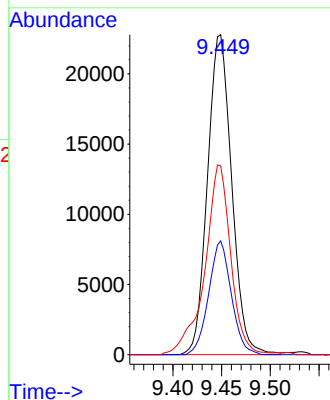
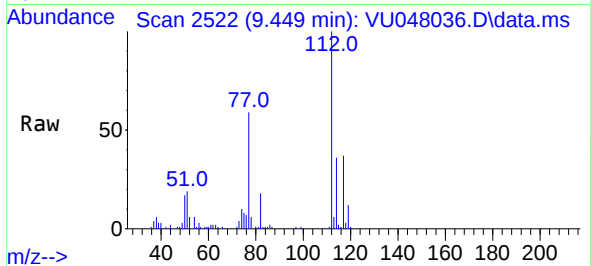




#51
Chlorobenzene
Concen: 5.209 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048036.D
Acq: 14 Apr 2022 04:08

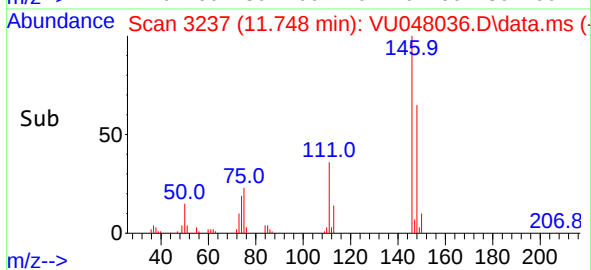
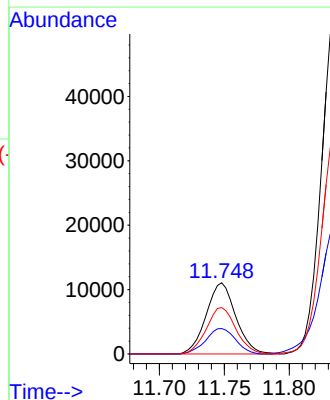
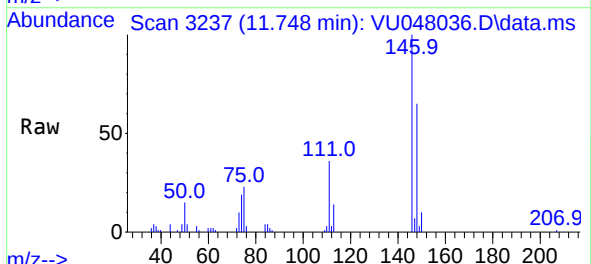
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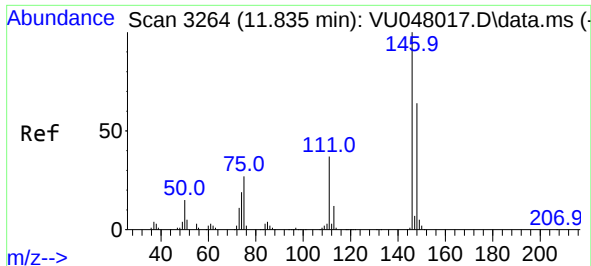
Tgt Ion:112 Resp: 39436
Ion Ratio Lower Upper
112 100
114 35.6 22.1 41.1
77 59.0 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 3.200 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048036.D
Acq: 14 Apr 2022 04:08

Tgt Ion:146 Resp: 17532
Ion Ratio Lower Upper
146 100
111 35.8 26.7 49.7
148 65.0 44.4 82.5

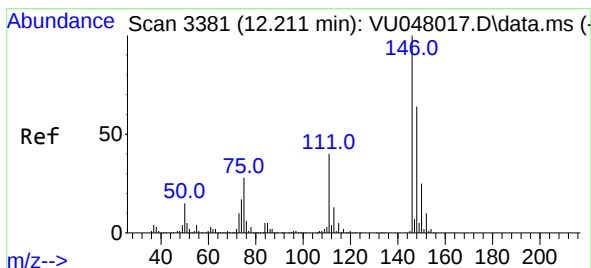
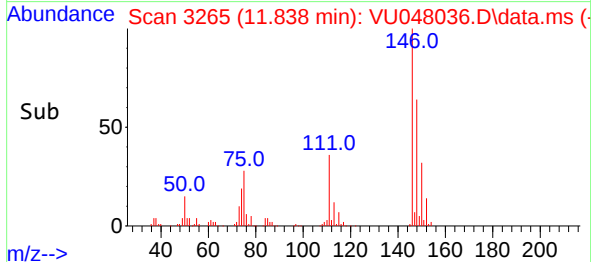
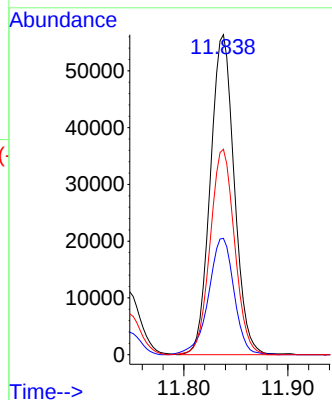
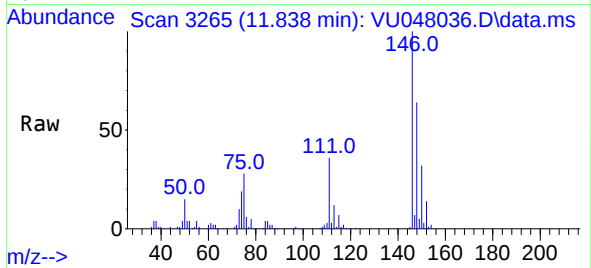




#65
1,4-Dichlorobenzene
Concen: 15.887 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048036.D
Acq: 14 Apr 2022 04:08

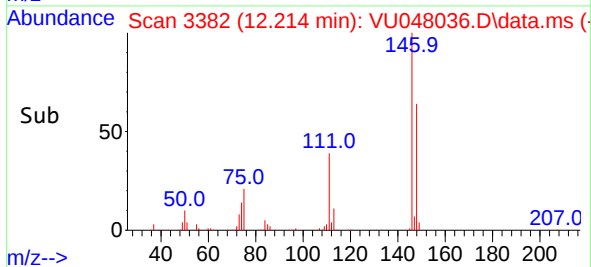
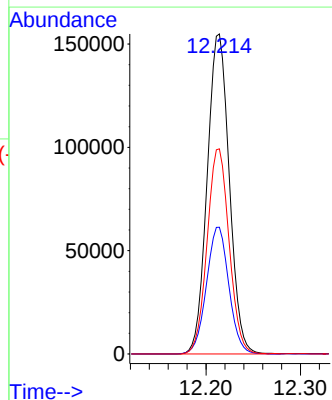
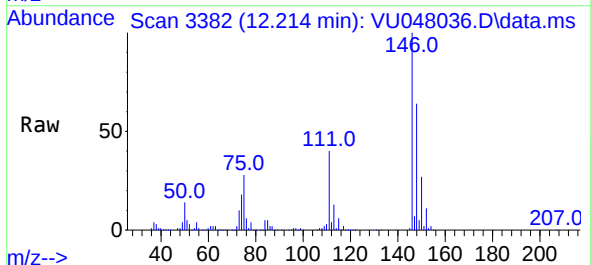
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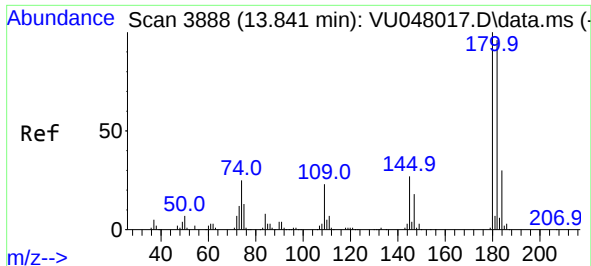
Tgt Ion:146 Resp: 90169
Ion Ratio Lower Upper
146 100
111 36.4 25.3 47.1
148 64.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 45.893 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048036.D
Acq: 14 Apr 2022 04:08

Tgt Ion:146 Resp: 251620
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 64.1 51.4 77.2

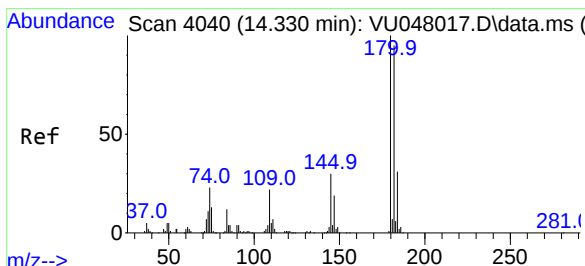
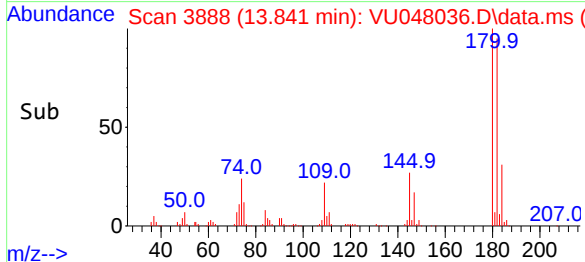
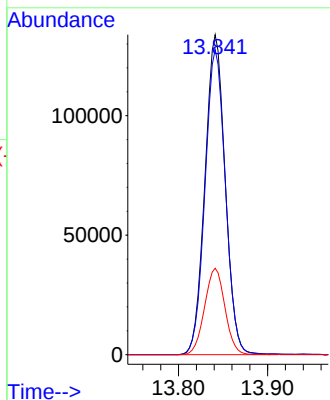
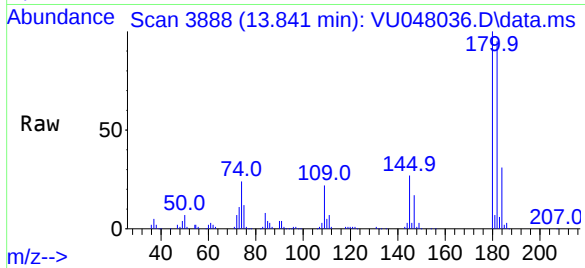




#70
1,2,4-trichlorobenzene
Concen: 54.248 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048036.D
Acq: 14 Apr 2022 04:08

Instrument :
MSVOA_U
ClientSampleId :
C0J38

Tgt Ion:180 Resp: 211453
Ion Ratio Lower Upper
180 100
182 95.8 76.2 114.2
145 27.1 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 7.235 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048036.D
Acq: 14 Apr 2022 04:08

Tgt Ion:180 Resp: 28270
Ion Ratio Lower Upper
180 100
182 97.9 77.4 116.0
145 29.3 22.8 34.2

