

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041032.D
 Acq On : 12 Apr 2024 15:57
 Operator : JC/MD
 Sample : P2049-04 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MC0RC2

Quant Time: Apr 13 01:40:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:36:25 2024
 Response via : Initial Calibration

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

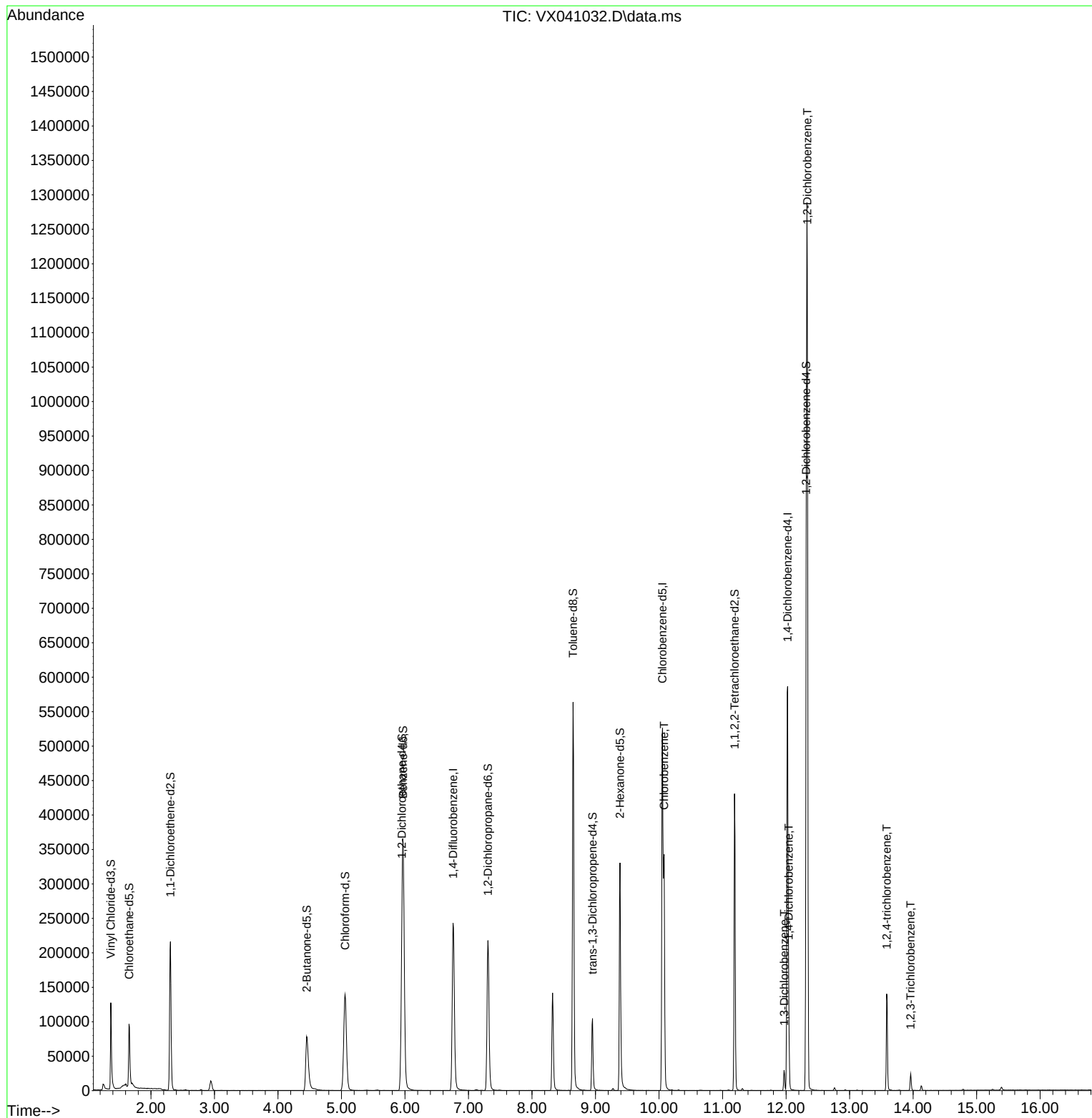
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	265039	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	254258	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	134808	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	91540	48.559	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.120%
7) Chloroethane-d5	1.654	69	72558	47.193	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.380%
11) 1,1-Dichloroethene-d2	2.306	65	38653	48.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.060%
21) 2-Butanone-d5	4.452	46	137857	134.249	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.250%#
24) Chloroform-d	5.056	84	179191	50.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.880%
26) 1,2-Dichloroethane-d4	5.952	65	123732	54.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.160%
32) Benzene-d6	5.970	84	368800	53.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.860%
36) 1,2-Dichloropropane-d6	7.305	67	109358	54.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.640%
41) Toluene-d8	8.647	98	340883	50.549	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.100%
43) trans-1,3-Dichloroprop...	8.951	79	50673	50.018	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.040%
47) 2-Hexanone-d5	9.384	63	92650	109.157	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.160%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	157662	52.869	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.740%
66) 1,2-Dichlorobenzene-d4	12.317	152	150821	55.772	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.540%
Target Compounds						
					Qvalue	
51) Chlorobenzene	10.079	112	153307	29.945	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	9931	2.401	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	46014	10.839	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	375835	93.687	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	38652	12.879	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	6604	2.244	ug/L	98

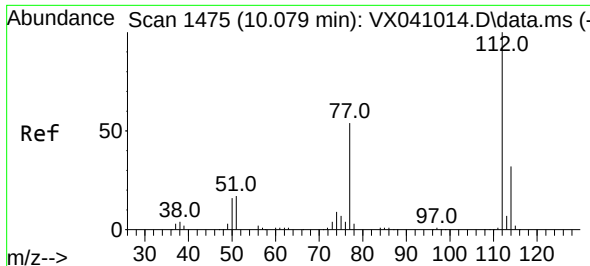
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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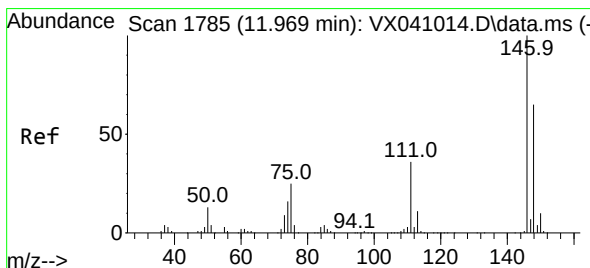
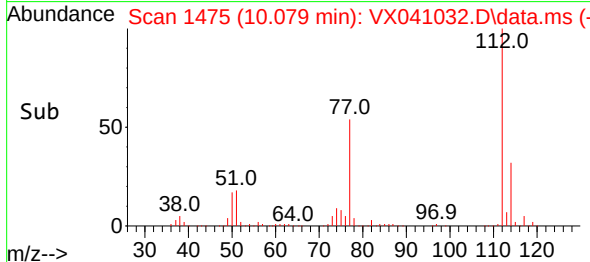
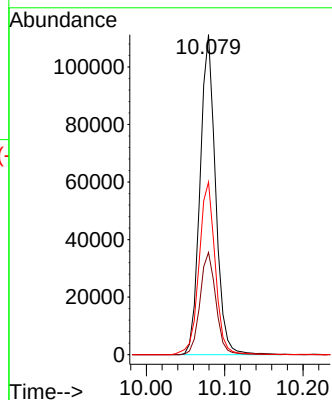
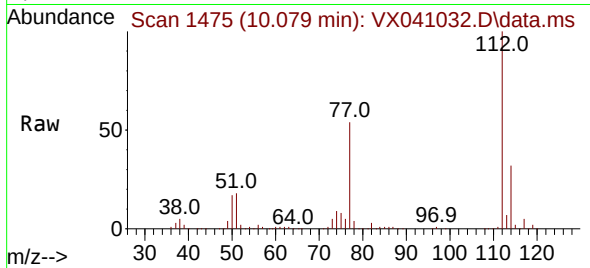




#51
Chlorobenzene
Concen: 29.945 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041032.D
Acq: 12 Apr 2024 15:57

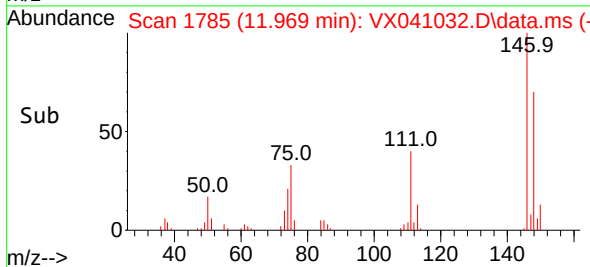
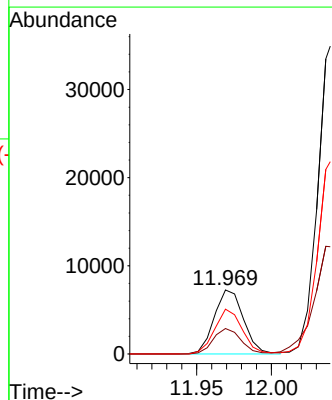
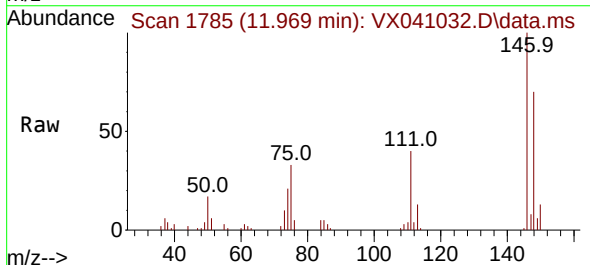
Instrument :
MSVOA_X
ClientSampleId :
MC0RC2

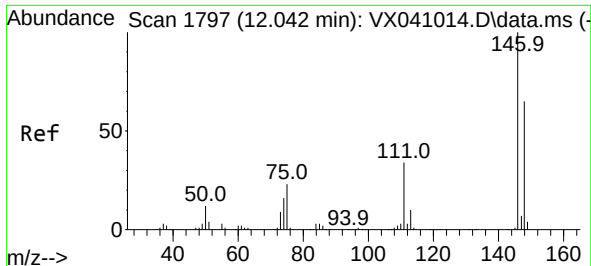
Tgt Ion:112 Resp: 153307
Ion Ratio Lower Upper
112 100
114 32.0 23.0 42.8
77 54.0 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 2.401 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041032.D
Acq: 12 Apr 2024 15:57

Tgt Ion:146 Resp: 9931
Ion Ratio Lower Upper
146 100
111 39.7 25.3 47.1
148 70.0 44.7 82.9

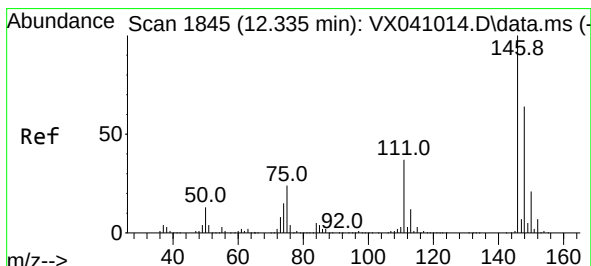
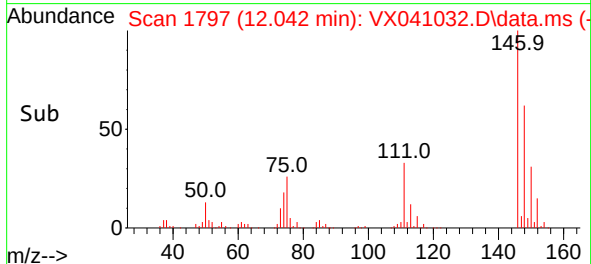
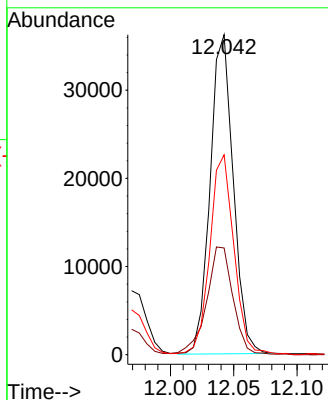
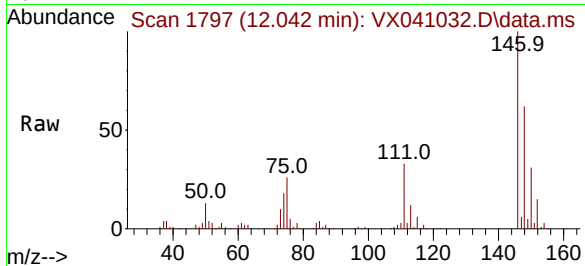




#65
1,4-Dichlorobenzene
Concen: 10.839 ug/L
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041032.D
Acq: 12 Apr 2024 15:57

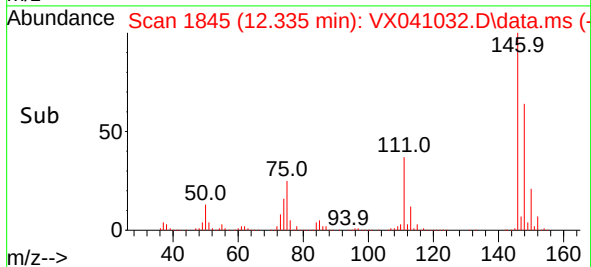
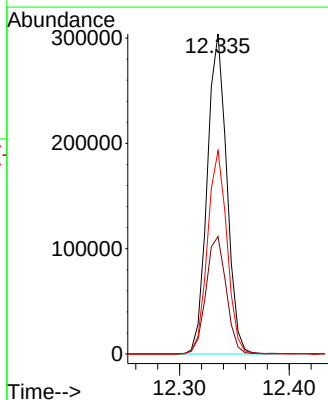
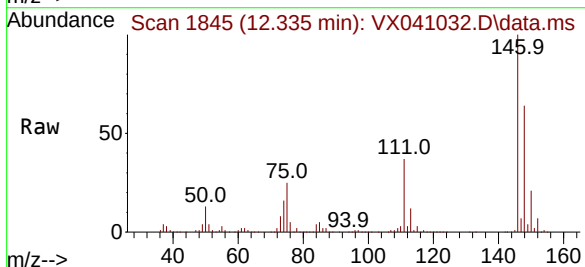
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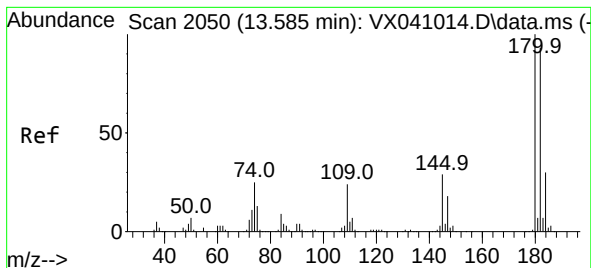
Tgt Ion:146 Resp: 46014
Ion Ratio Lower Upper
146 100
111 33.3 23.4 43.6
148 62.5 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 93.687 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041032.D
Acq: 12 Apr 2024 15:57

Tgt Ion:146 Resp: 375835
Ion Ratio Lower Upper
146 100
111 36.7 31.8 47.8
148 63.6 53.2 79.8





#70

1,2,4-trichlorobenzene

Concen: 12.879 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041032.D

Acq: 12 Apr 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

MC0RC2

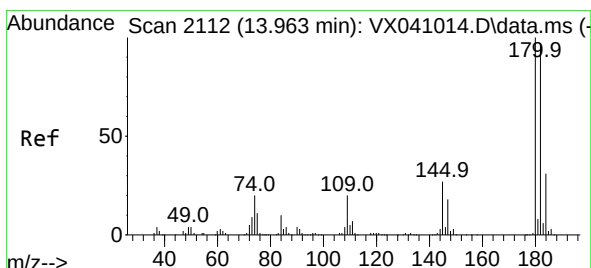
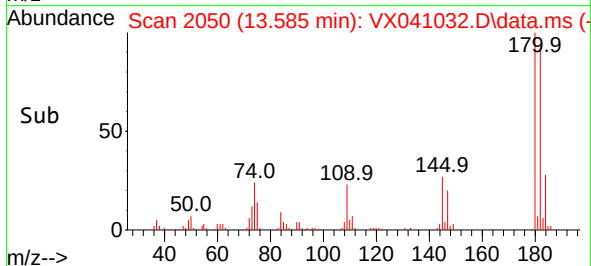
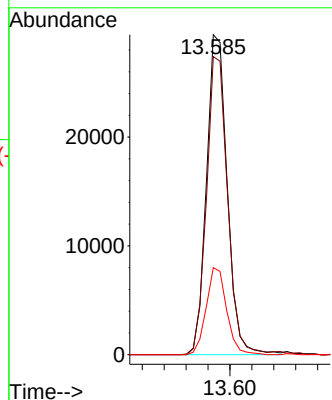
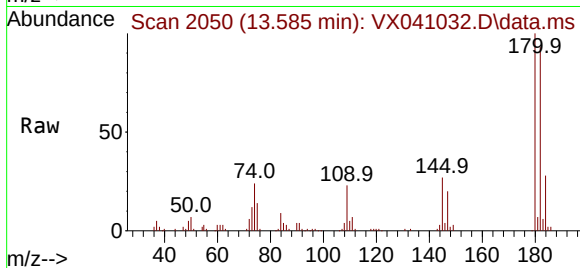
Tgt Ion:180 Resp: 38652

Ion Ratio Lower Upper

180 100

182 94.2 76.8 115.2

145 26.8 22.3 33.5



#72

1,2,3-Trichlorobenzene

Concen: 2.244 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041032.D

Acq: 12 Apr 2024 15:57

Tgt Ion:180 Resp: 6604

Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.6

145 30.7 23.4 35.2

