

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077534.D
 Acq On : 09 Nov 2023 17:07
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 02:09:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

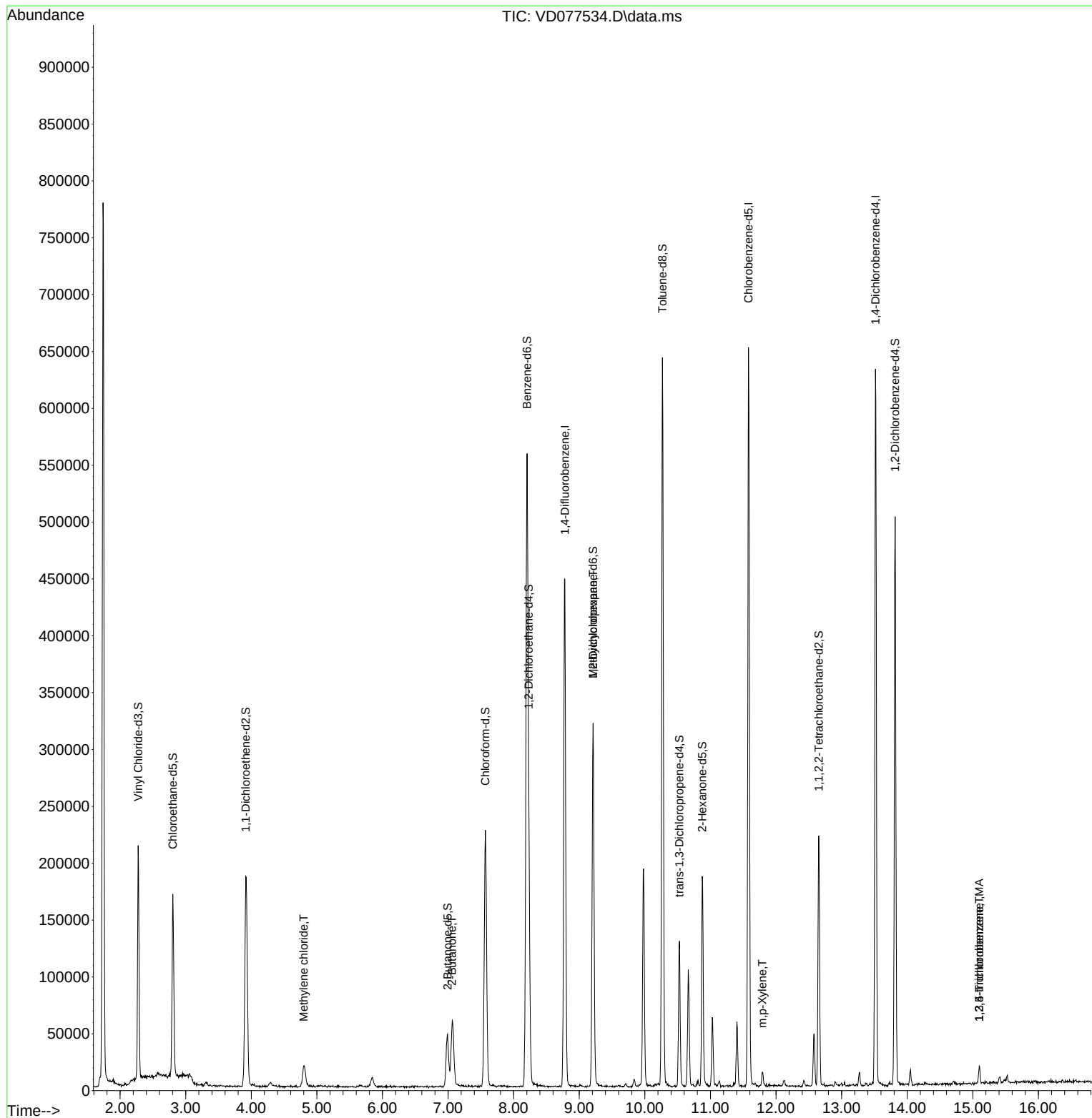
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	376804	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	347848	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	161243	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	192070	20.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.160%
7) Chloroethane-d5	2.805	69	155602	20.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.640%
11) 1,1-Dichloroethene-d2	3.916	65	57410	19.369	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.480%
21) 2-Butanone-d5	6.993	46	82865	49.932	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.860%
24) Chloroform-d	7.569	84	228516	20.994	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.960%
26) 1,2-Dichloroethane-d4	8.228	65	132876	22.950	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	8.204	84	481893	21.345	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.360%
36) 1,2-Dichloropropane-d6	9.210	67	157466	21.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.640%
41) Toluene-d8	10.269	98	430167	21.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.360%
43) trans-1,3-Dichloroprop...	10.528	79	69900	22.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.200%
47) 2-Hexanone-d5	10.875	63	65038	49.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.880%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	114614	23.524	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	126338	22.025	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.080%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	12842	2.019	ug/L	89
22) 2-Butanone	7.057	43	2136	1.018	ug/L #	62
35) Methylcyclohexane	9.210	83	33879	3.141	ug/L #	17
53) m,p-Xylene	11.792	106	3595	0.355	ug/L	99
69) 1,3,5-Trichlorobenzene	15.098	180	4644	0.637	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	4644	0.756	ug/L	98

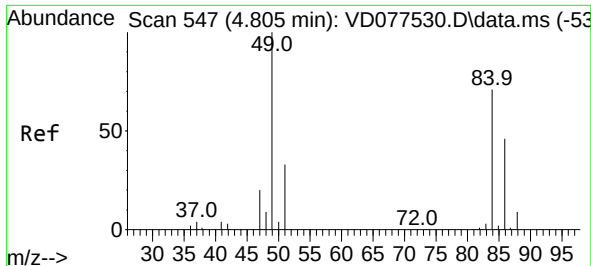
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

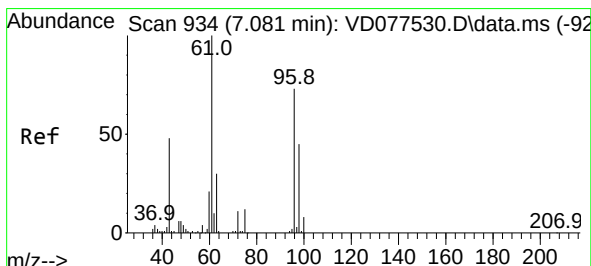
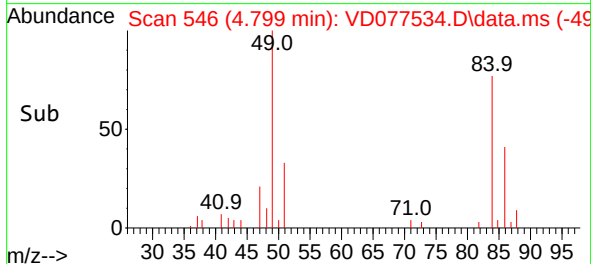
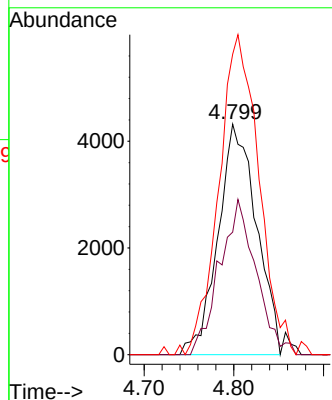
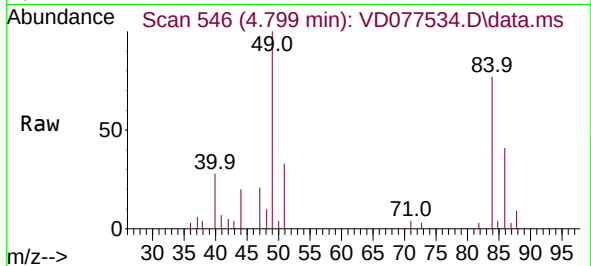




#16
Methylene chloride
Concen: 2.019 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077534.D
Acq: 09 Nov 2023 17:07

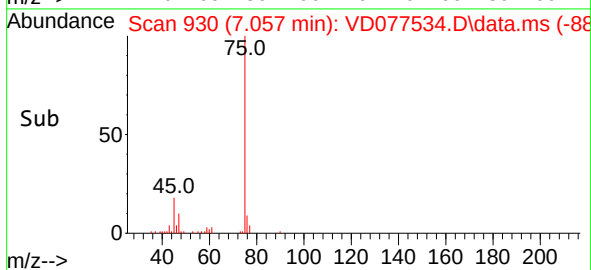
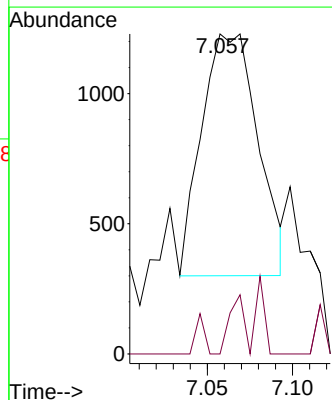
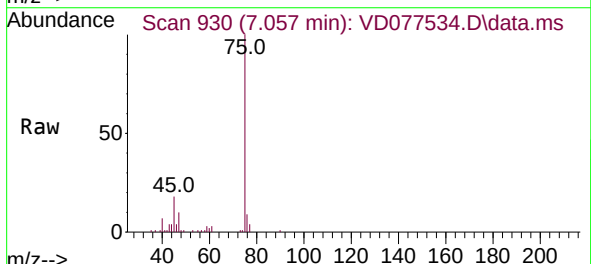
Instrument :
MSVOA_D
ClientSampleId :

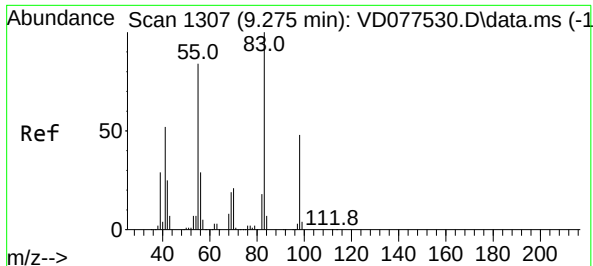
Tgt Ion: 84 Resp: 12842
Ion Ratio Lower Upper
84 100
86 53.1 46.5 86.5
49 130.3 98.3 182.7



#22
2-Butanone
Concen: 1.018 ug/L
RT: 7.057 min Scan# 930
Delta R.T. -0.024 min
Lab File: VD077534.D
Acq: 09 Nov 2023 17:07

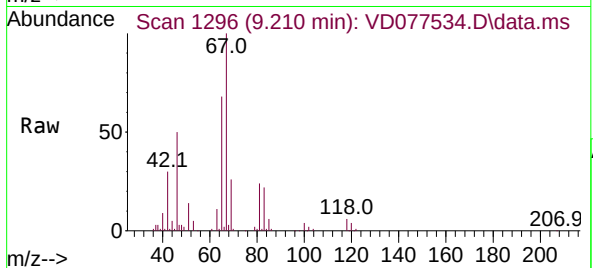
Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
72 6.4 12.8 38.4#



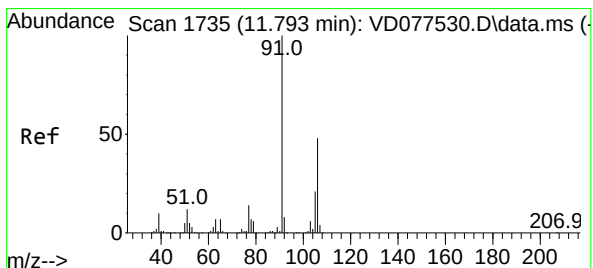
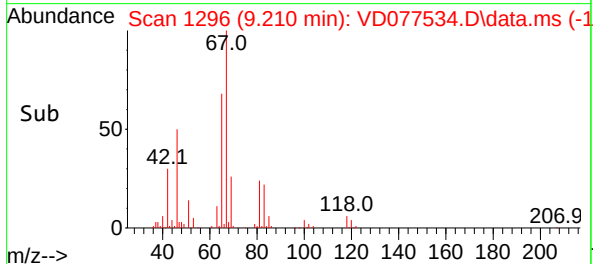
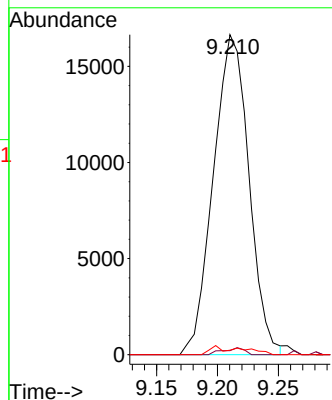


#35
Methylcyclohexane
Concen: 3.141 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.065 min
Lab File: VD077534.D
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Instrument :
MSVOA_D
ClientSampleId :

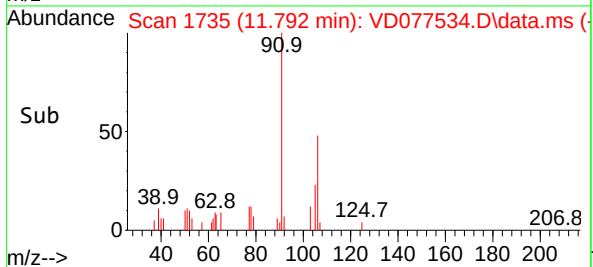
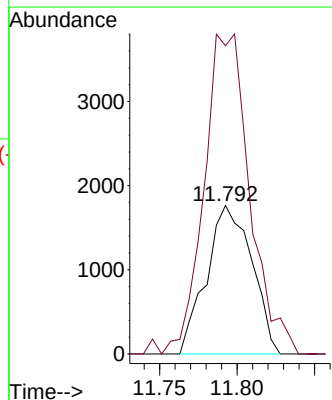
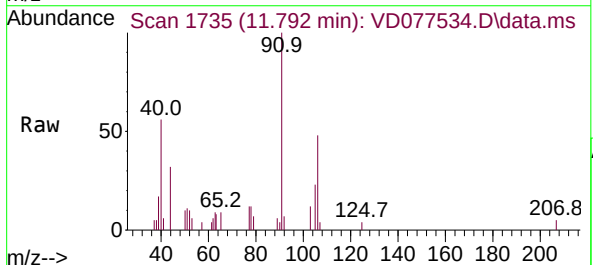


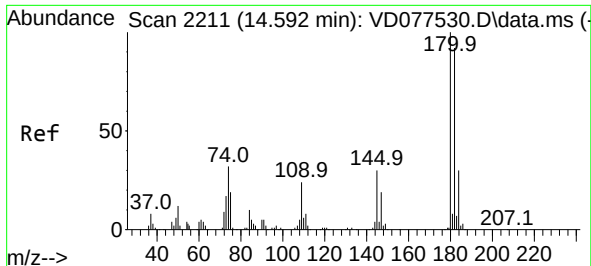
Tgt Ion: 83 Resp: 33879
Ion Ratio Lower Upper
83 100
55 0.6 66.5 99.7#
98 1.5 37.4 56.2#



#53
m,p-Xylene
Concen: 0.355 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077534.D
Acq: 09 Nov 2023 17:07

Tgt Ion:106 Resp: 3595
Ion Ratio Lower Upper
106 100
91 207.5 146.7 272.4





#69

1,3,5-Trichlorobenzene

Concen: 0.637 ug/L

RT: 15.098 min Scan# 2211

Delta R.T. 0.506 min

Lab File: VD077534.D

Acq: 09 Nov 2023 17:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 4644

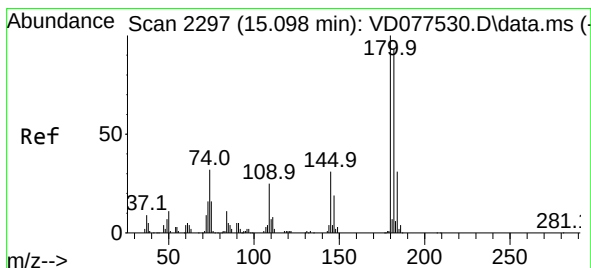
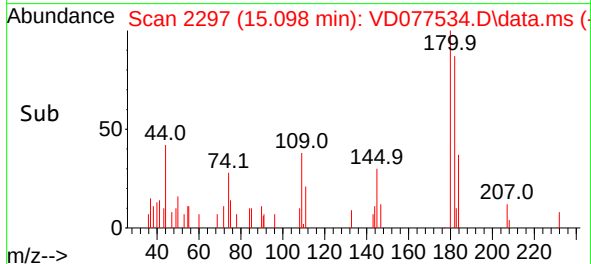
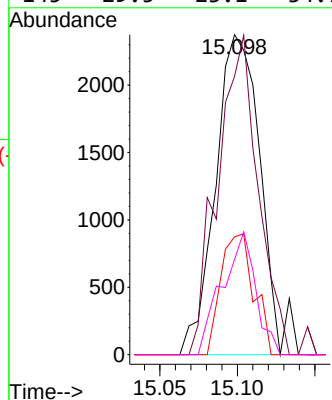
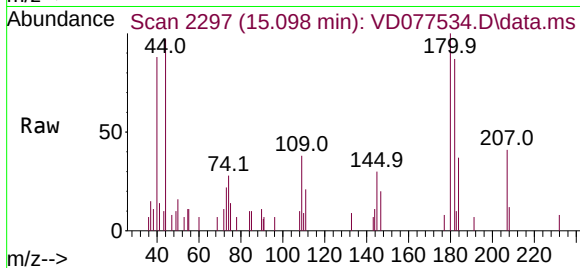
Ion Ratio Lower Upper

180 100

182 92.5 76.1 114.1

184 28.6 24.0 36.0

145 29.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 0.756 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077534.D

Acq: 09 Nov 2023 17:07

Tgt Ion:180 Resp: 4644

Ion Ratio Lower Upper

180 100

182 92.5 75.8 113.6

145 29.5 24.1 36.1

