

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036533.D
 Acq On : 15 Jul 2024 17:19
 Operator : SY/MD
 Sample : P3215-22
 Misc : 5.19g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:29:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

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

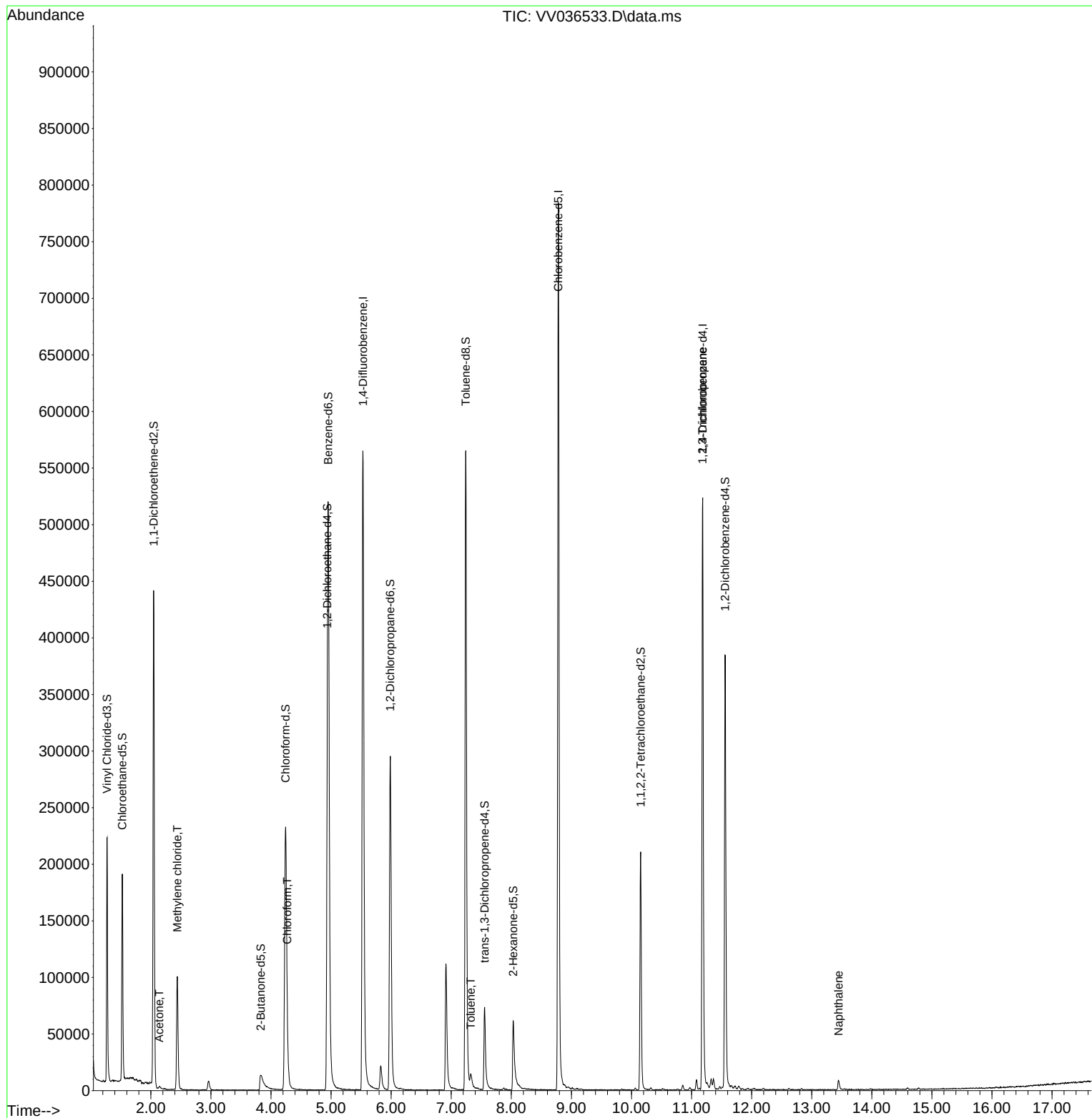
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	524817	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	463629	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	150421	20.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
7) Chloroethane-d5	1.523	69	127619	19.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.640%
11) 1,1-Dichloroethene-d2	2.047	65	70996	18.388	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.560%
21) 2-Butanone-d5	3.828	46	25930	20.149	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.300%
24) Chloroform-d	4.243	84	259423	16.982	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.920%
26) 1,2-Dichloroethane-d4	4.937	65	131243	17.322	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.280%#
32) Benzene-d6	4.953	84	484753	20.958	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.840%
36) 1,2-Dichloropropane-d6	5.985	67	142772	20.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.840%
41) Toluene-d8	7.243	98	400738	18.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.120%
43) trans-1,3-Dichloroprop...	7.554	79	46340	16.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.680%
47) 2-Hexanone-d5	8.030	63	20653	26.976	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.960%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	99128	17.075	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	107236	21.242	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.960%
Target Compounds						
					Qvalue	
13) Acetone	2.140	43	2058	1.131	ug/L	93
16) Methylene chloride	2.439	84	47572	4.409	ug/L	97
25) Chloroform	4.268	83	8599	0.568	ug/L	92
42) Toluene	7.326	91	9874	0.406	ug/L	99
61) 1,2,3-Trichloropropane	11.181	75	14464	5.465	ug/L #	60
71) Naphthalene	13.445	128	8460	1.041	ug/L	97

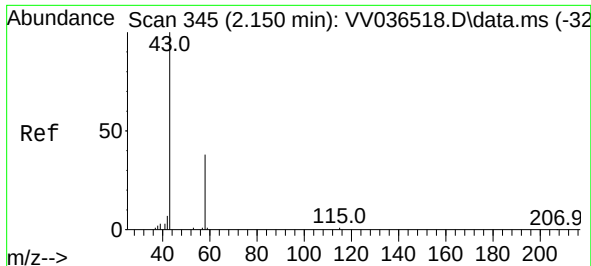
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 01:29:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:25:30 2024
Response via : Initial Calibration

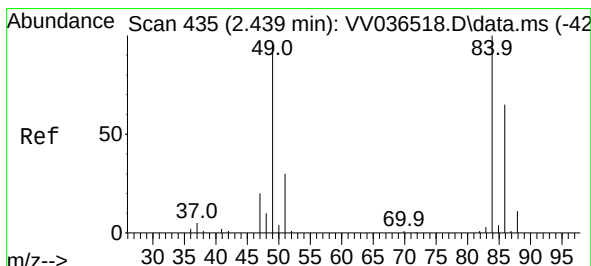
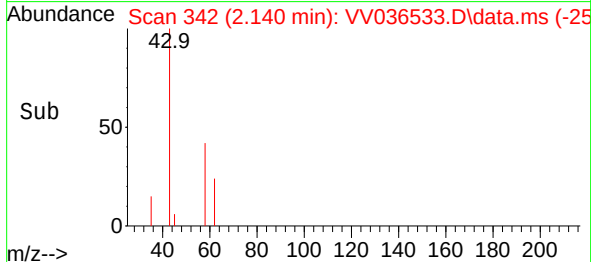
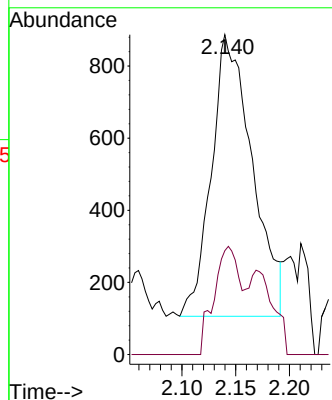
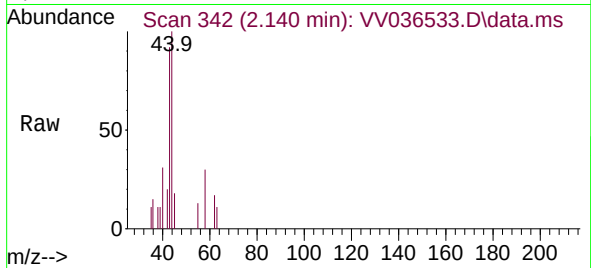




#13
Acetone
Concen: 1.131 ug/L
RT: 2.140 min Scan# 34
Delta R.T. -0.010 min
Lab File: VV036533.D
Acq: 15 Jul 2024 17:19

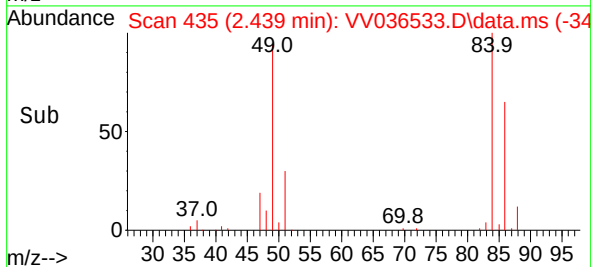
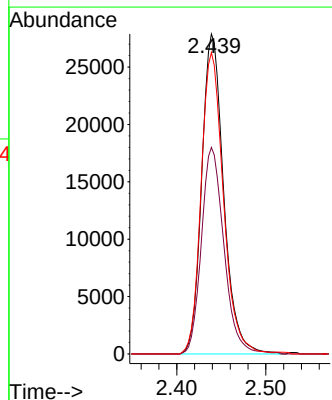
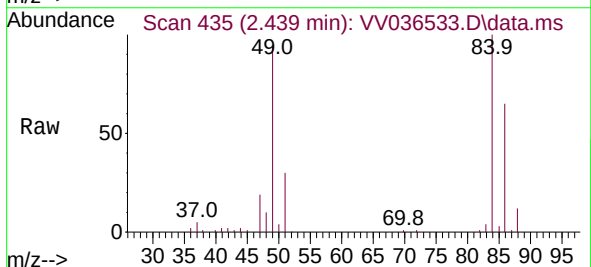
Instrument :
MSVOA_V
ClientSampleId :

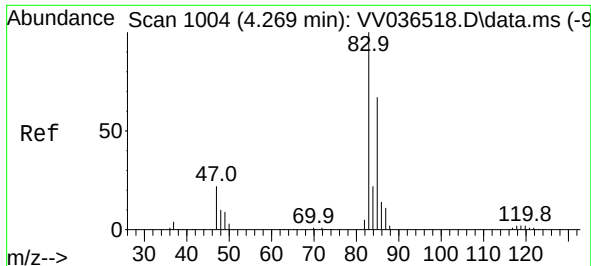
Tgt Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
58 17.2 0.0 28.4



#16
Methylene chloride
Concen: 4.409 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036533.D
Acq: 15 Jul 2024 17:19

Tgt Ion: 84 Resp: 47572
Ion Ratio Lower Upper
84 100
86 64.5 46.3 86.1
49 94.2 68.1 126.5





#25

Chloroform

Concen: 0.568 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VV036533.D

Acq: 15 Jul 2024 17:19

Instrument :

MSVOA_V

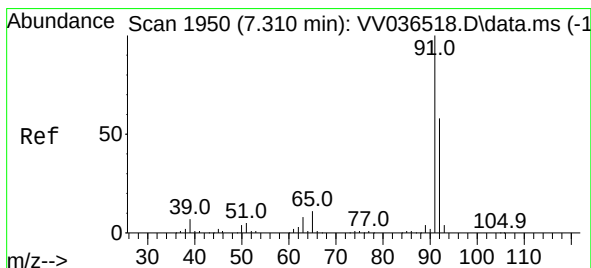
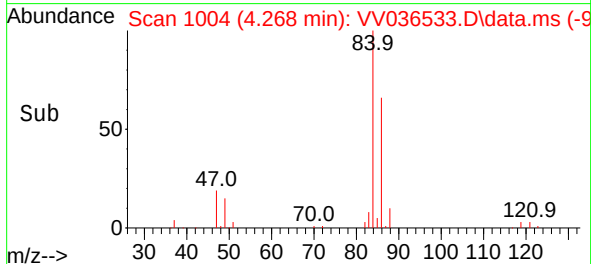
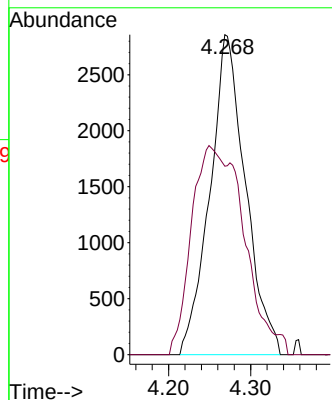
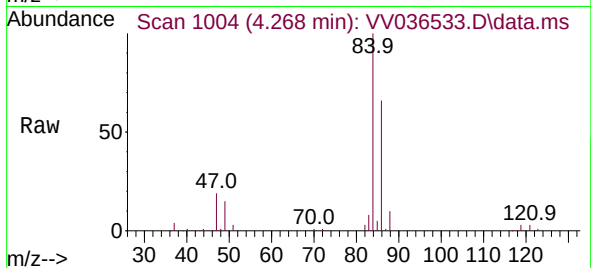
ClientSampleId :

Tgt Ion: 83 Resp: 8599

Ion Ratio Lower Upper

83 100

85 58.9 45.6 84.6



#42

Toluene

Concen: 0.406 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.016 min

Lab File: VV036533.D

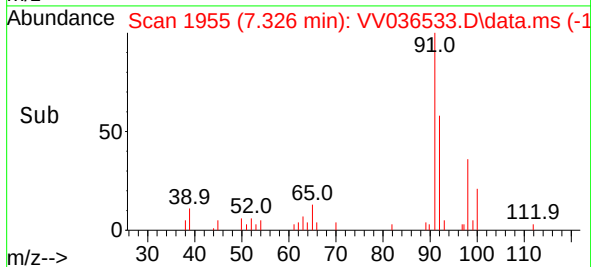
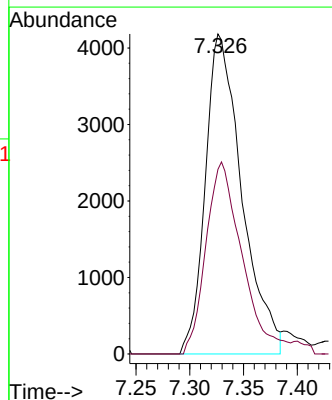
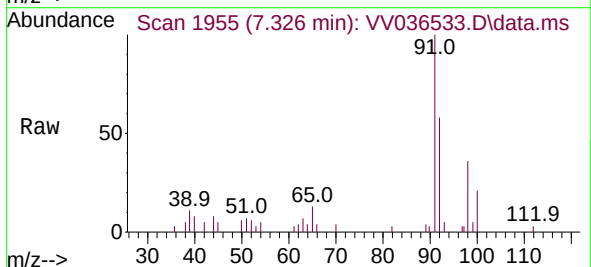
Acq: 15 Jul 2024 17:19

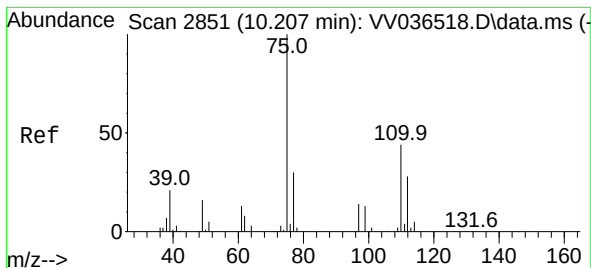
Tgt Ion: 91 Resp: 9874

Ion Ratio Lower Upper

91 100

92 57.7 40.1 74.5





#61

1,2,3-Trichloropropane

Concen: 5.465 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.974 min

Lab File: VV036533.D

Acq: 15 Jul 2024 17:19

Instrument :

MSVOA_V

ClientSampleId :

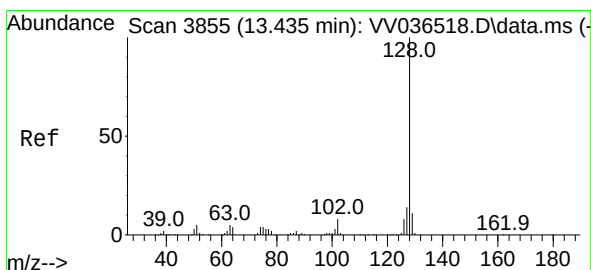
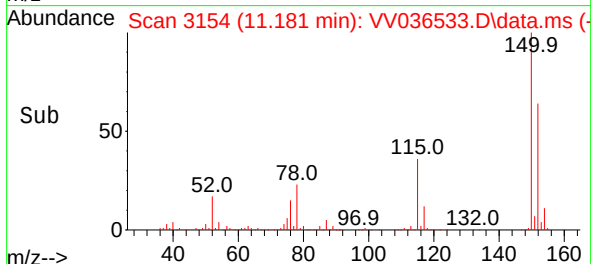
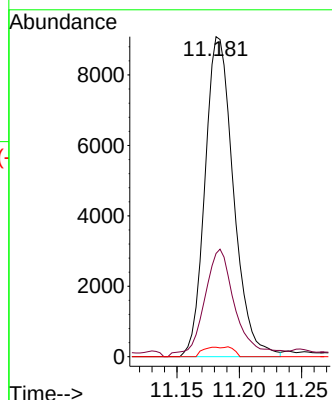
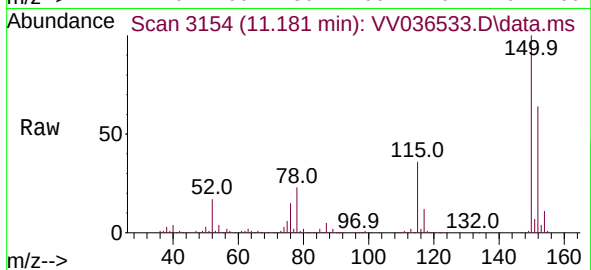
Tgt Ion: 75 Resp: 14464

Ion Ratio Lower Upper

75 100

77 35.2 25.6 38.4

110 1.9 34.8 52.2#



#71

Naphthalene

Concen: 1.041 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.009 min

Lab File: VV036533.D

Acq: 15 Jul 2024 17:19

Tgt Ion:128 Resp: 8460

Ion Ratio Lower Upper

128 100

127 11.5 10.8 16.2

129 10.3 8.6 13.0

