

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036185.D
 Acq On : 21 Jun 2024 00:48
 Operator : SY/MD
 Sample : P2962-16
 Misc : 4.71g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:15:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

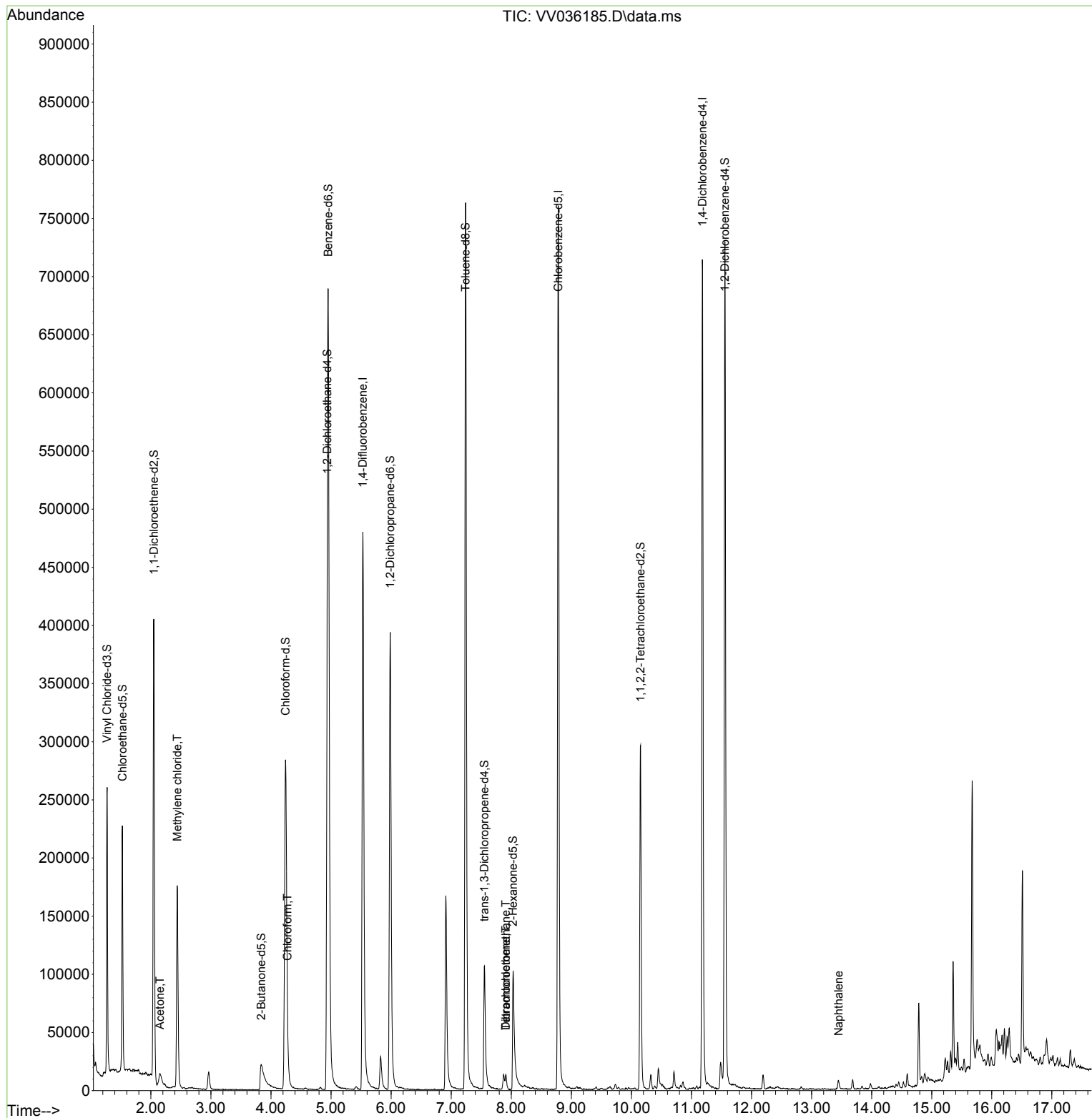
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	424980	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	425948	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	186621	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	167260	21.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.640%
7) Chloroethane-d5	1.526	69	144251	23.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.050	65	70536	20.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.120%
21) 2-Butanone-d5	3.838	46	42436	23.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.340%
24) Chloroform-d	4.243	84	315228	23.331	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	4.937	65	176390	24.900	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.953	84	632275	24.972	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.880%
36) 1,2-Dichloropropane-d6	5.986	67	199276	24.993	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.960%
41) Toluene-d8	7.240	98	528421	23.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.551	79	70702	21.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.520%
47) 2-Hexanone-d5	8.031	63	40399	37.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.800%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	146328	24.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	189411	27.677	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.720%
Target Compounds						Qvalue
13) Acetone	2.150	43	29101	10.421	ug/L	84
16) Methylene chloride	2.439	84	79017	8.217	ug/L	96
25) Chloroform	4.275	83	7768	0.549	ug/L	82
46) Tetrachloroethene	7.908	164	3162	0.506	ug/L	90
49) Dibromochloromethane	7.908	129	3011	0.455	ug/L #	11
71) Naphthalene	13.448	128	7366	0.609	ug/L #	87

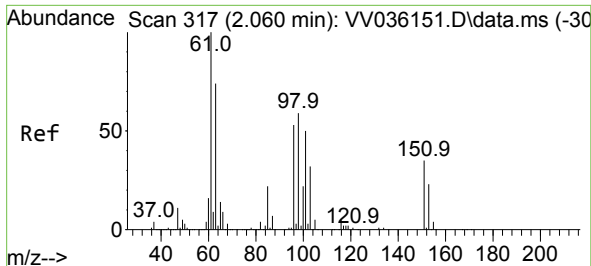
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
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#13

Acetone

Concen: 10.421 ug/L

RT: 2.150 min Scan# 345

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

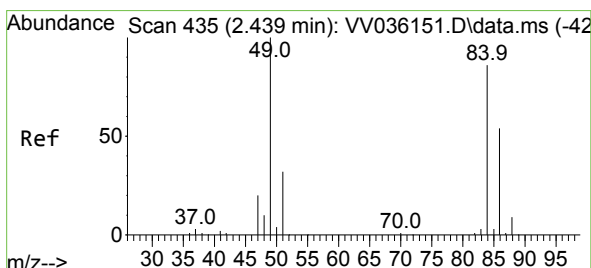
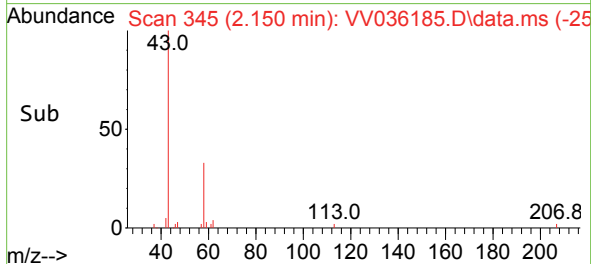
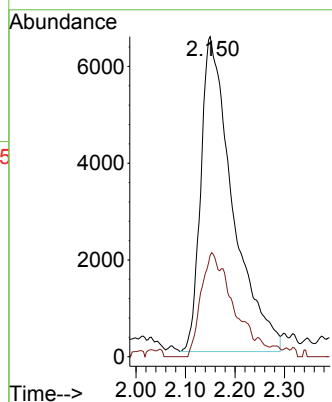
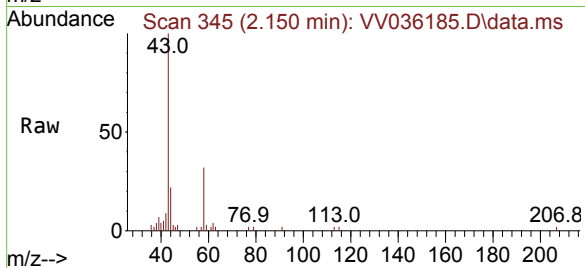
ClientSampleId :

Tgt Ion: 43 Resp: 29101

Ion Ratio Lower Upper

43 100

58 18.1 0.0 24.2



#16

Methylene chloride

Concen: 8.217 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

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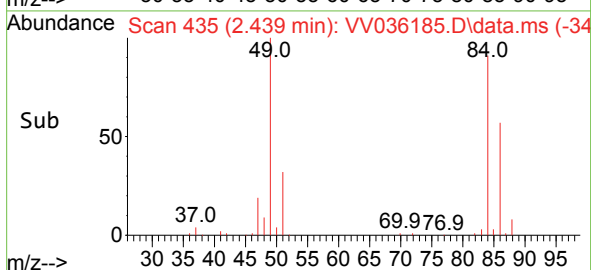
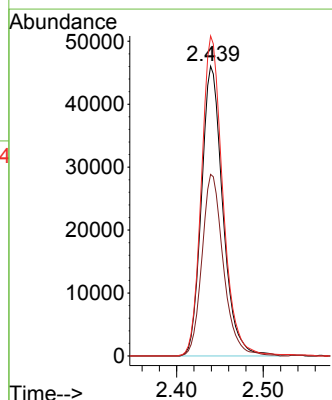
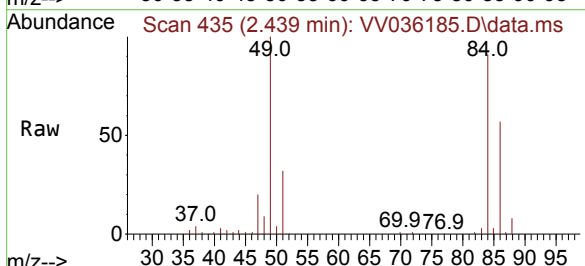
Tgt Ion: 84 Resp: 79017

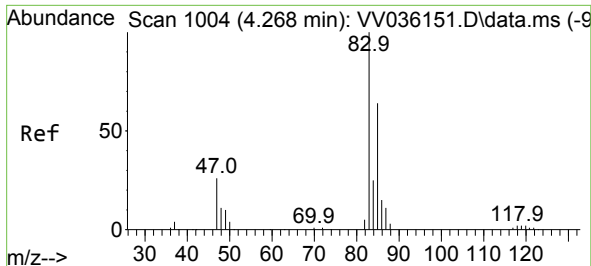
Ion Ratio Lower Upper

84 100

86 62.7 44.6 82.8

49 110.4 81.1 150.5

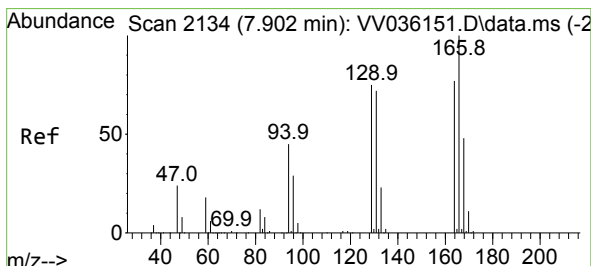
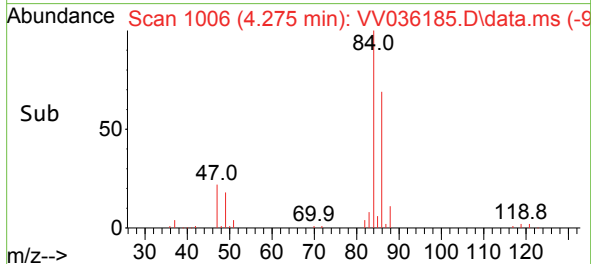
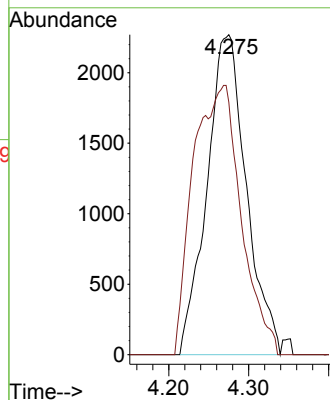
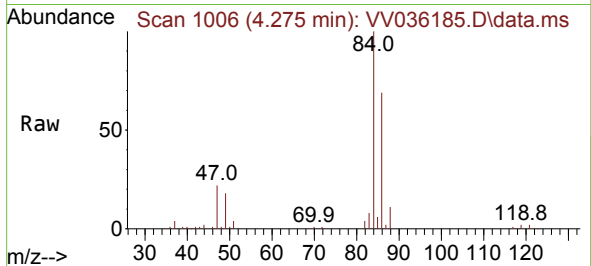




#25
Chloroform
Concen: 0.549 ug/L
RT: 4.275 min Scan# 10
Delta R.T. 0.007 min
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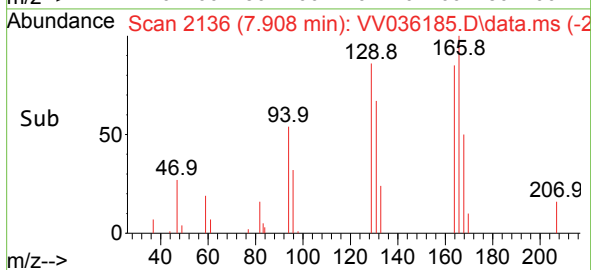
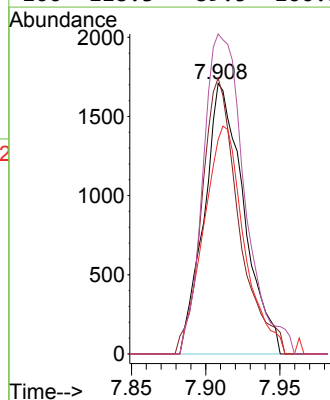
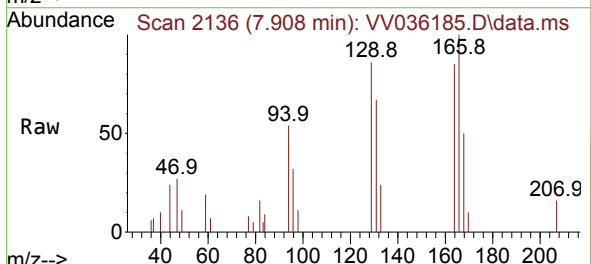
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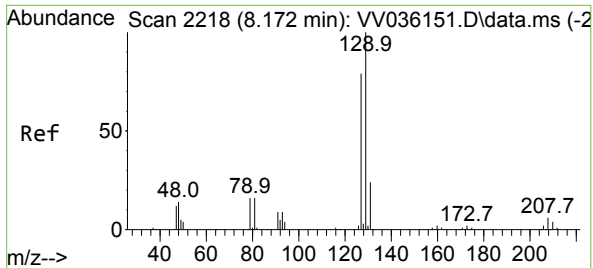
Tgt Ion: 83 Resp: 7768
Ion Ratio Lower Upper
83 100
85 78.9 45.2 84.0



#46
Tetrachloroethene
Concen: 0.506 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.007 min
Lab File: VV036185.D
Acq: 21 Jun 2024 00:48

Tgt Ion: 164 Resp: 3162
Ion Ratio Lower Upper
164 100
129 102.0 64.6 120.0
131 79.2 63.2 117.4
166 118.3 89.5 166.3

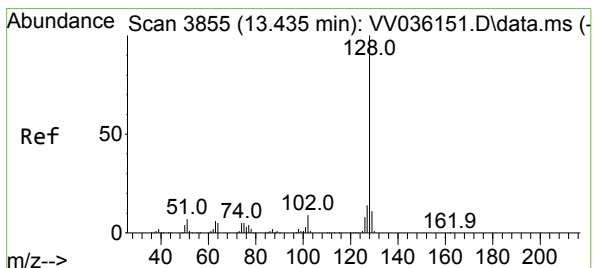
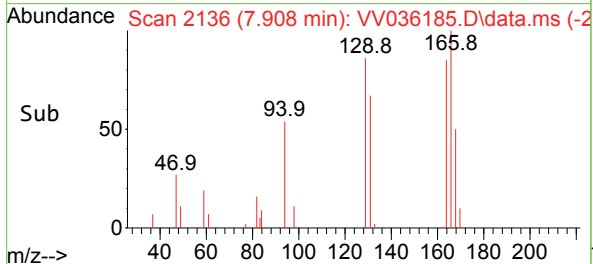
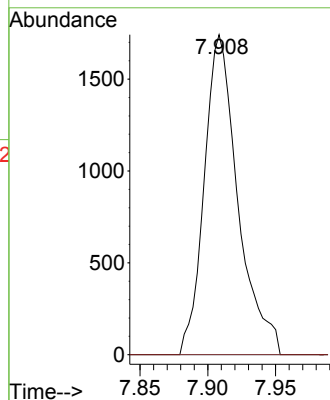
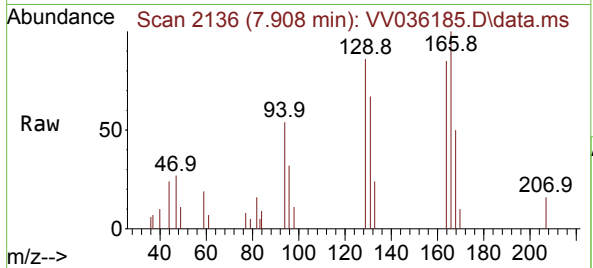




#49
Dibromochloromethane
Concen: 0.455 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.264 min
Lab File: VV036185.D
Acq: 21 Jun 2024 00:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 3011
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#71
Naphthalene
Concen: 0.609 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV036185.D
Acq: 21 Jun 2024 00:48

Tgt Ion:128 Resp: 7366
Ion Ratio Lower Upper
128 100
127 4.9 10.6 16.0#
129 9.4 8.8 13.2

