

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071224\
 Data File : VW036501.D
 Acq On : 12 Jul 2024 12:22
 Operator : SY/MD
 Sample : P3215-01
 Misc : 5.86g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:08:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

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

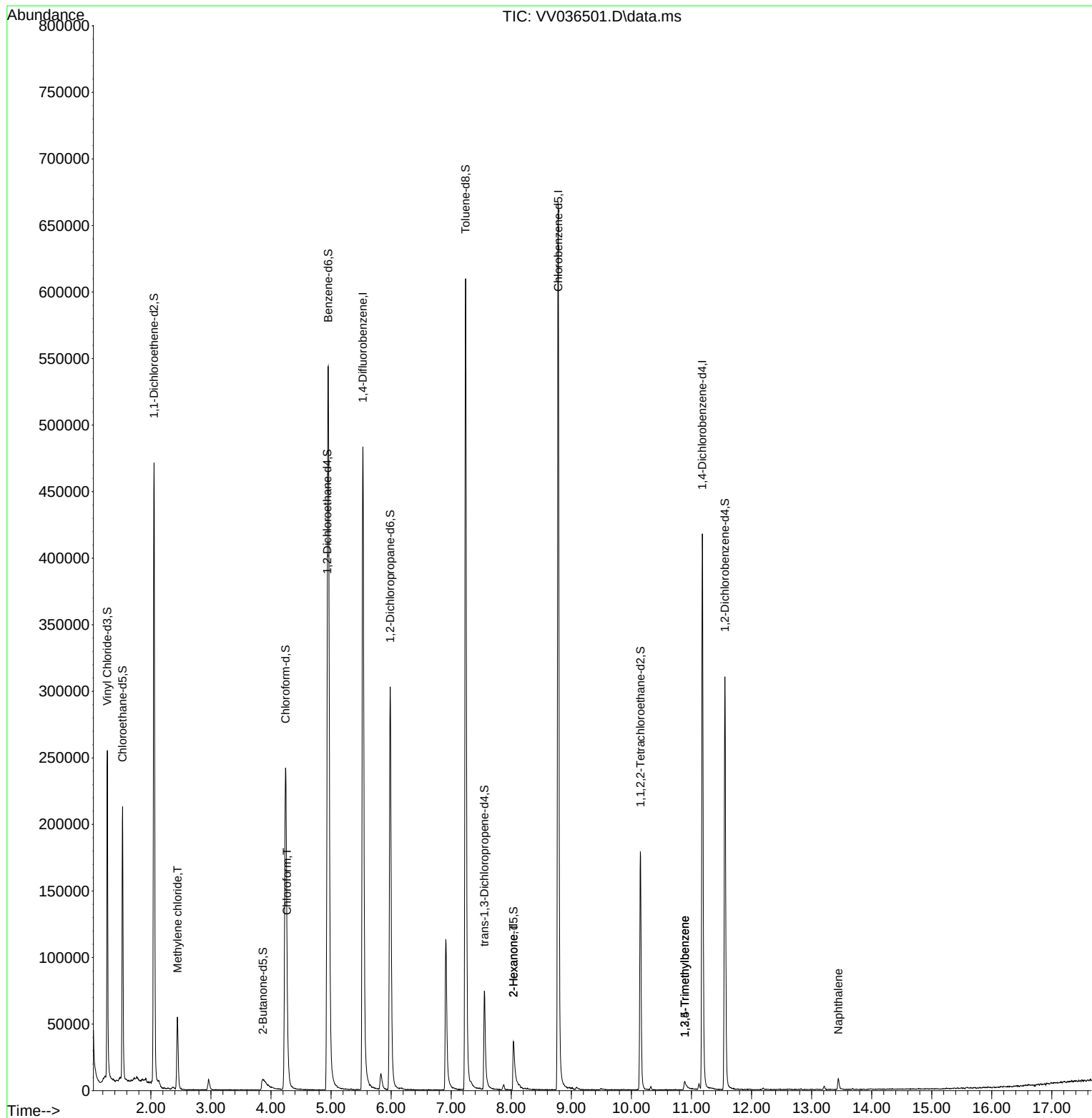
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	452425	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	396452	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	116777	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	159964	24.679	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
7) Chloroethane-d5	1.529	69	134331	23.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.053	65	75320	22.629	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.520%
21) 2-Butanone-d5	3.867	46	9329	8.409	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.820%#
24) Chloroform-d	4.243	84	269228	20.444	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.760%
26) 1,2-Dichloroethane-d4	4.937	65	127640	19.542	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.160%
32) Benzene-d6	4.953	84	511873	25.880	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.520%
36) 1,2-Dichloropropane-d6	5.986	67	146308	24.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.280%
41) Toluene-d8	7.239	98	431149	23.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.520%
43) trans-1,3-Dichloroprop...	7.551	79	47610	19.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.720%
47) 2-Hexanone-d5	8.037	63	14121	21.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	87414	17.608	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	87625	22.111	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.440%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	25643	2.757	ug/L	96
25) Chloroform	4.269	83	7597	0.582	ug/L	88
48) 2-Hexanone	8.037	43	1370	0.821	ug/L #	78
62) 1,3,5-Trimethylbenzene	10.889	105	3603	0.431	ug/L #	27
63) 1,2,4-Trimethylbenzene	10.889	105	3603	0.396	ug/L #	30
71) Naphthalene	13.445	128	7896	1.238	ug/L	98

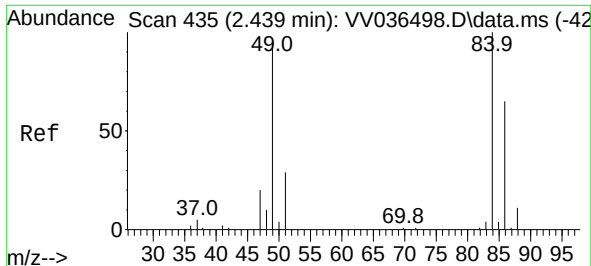
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 13 04:06:53 2024
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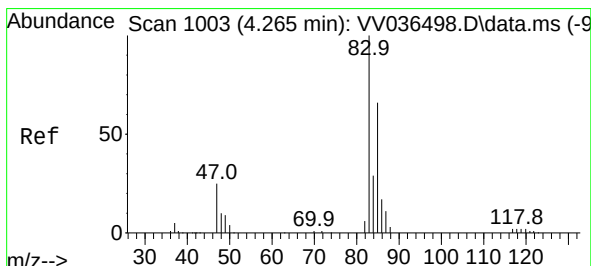
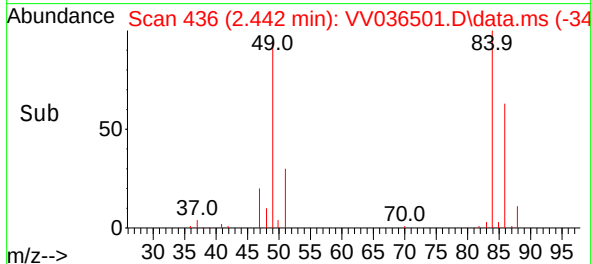
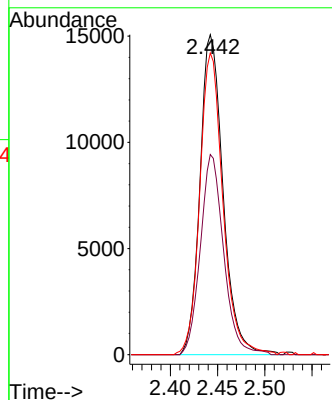
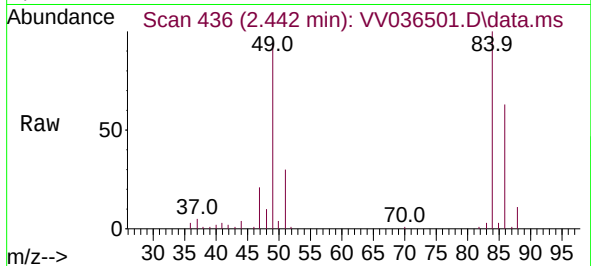




#16
Methylene chloride
Concen: 2.757 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036501.D
Acq: 12 Jul 2024 12:22

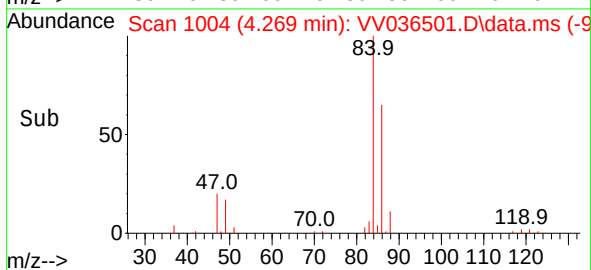
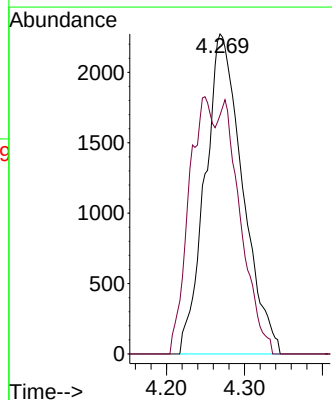
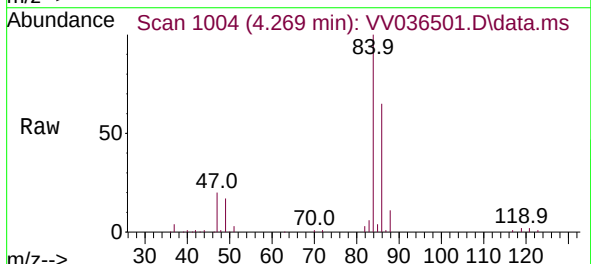
Instrument :
MSVOA_V
ClientSampleId :

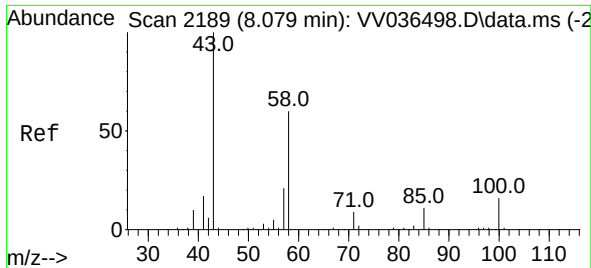
Tgt Ion: 84 Resp: 25643
Ion Ratio Lower Upper
84 100
86 62.6 46.3 86.1
49 94.3 68.1 126.5



#25
Chloroform
Concen: 0.582 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV036501.D
Acq: 12 Jul 2024 12:22

Tgt Ion: 83 Resp: 7597
Ion Ratio Lower Upper
83 100
85 74.7 45.6 84.6





#48

2-Hexanone

Concen: 0.821 ug/L

RT: 8.037 min Scan# 2189

Delta R.T. -0.042 min

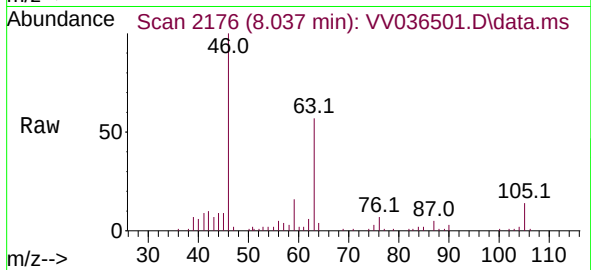
Lab File: VV036501.D

Acq: 12 Jul 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 1370

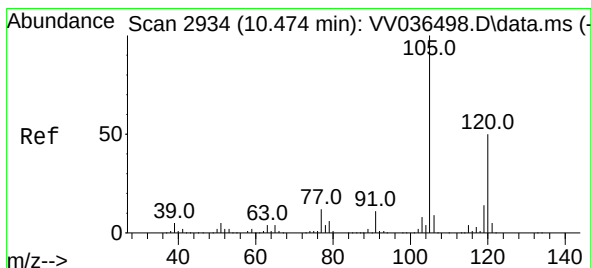
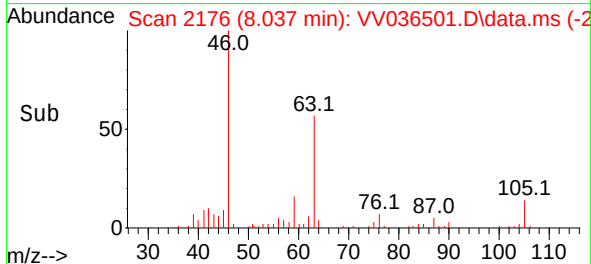
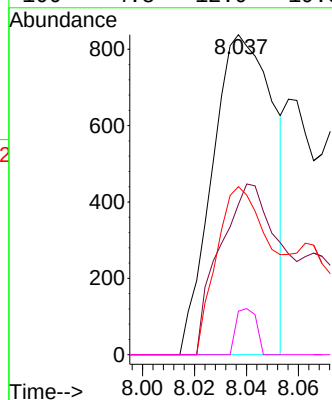
Ion Ratio Lower Upper

43 100

58 53.9 49.5 74.3

57 45.0 15.3 22.9#

100 4.8 12.9 19.3#



#62

1,3,5-Trimethylbenzene

Concen: 0.431 ug/L

RT: 10.889 min Scan# 3063

Delta R.T. 0.415 min

Lab File: VV036501.D

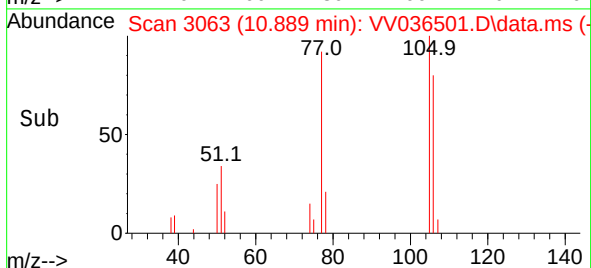
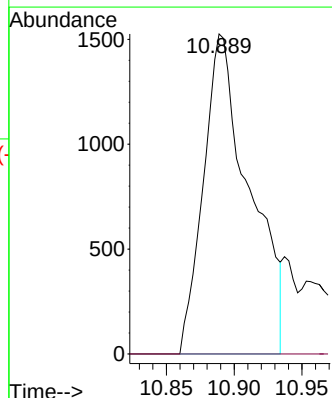
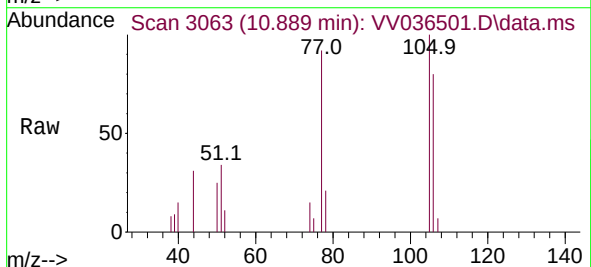
Acq: 12 Jul 2024 12:22

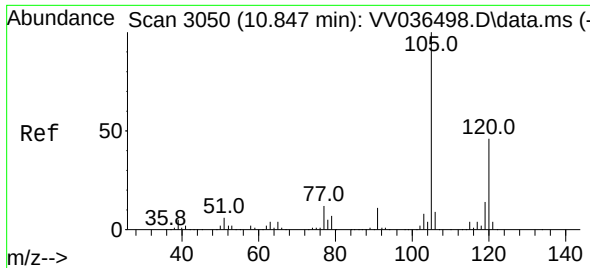
Tgt Ion: 105 Resp: 3603

Ion Ratio Lower Upper

105 100

120 0.0 39.9 59.9#

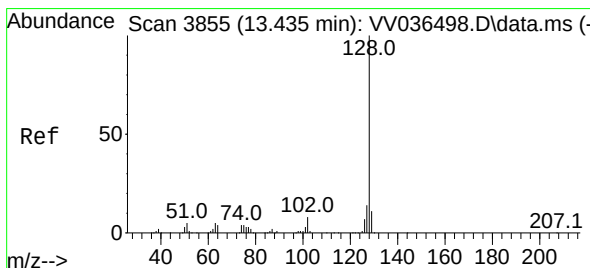
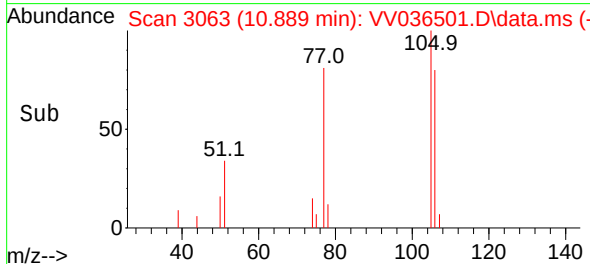
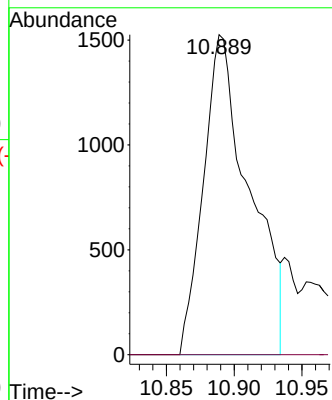
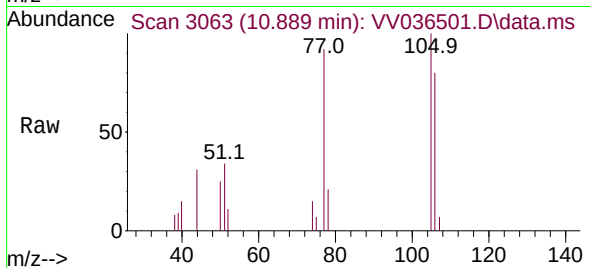




#63
1,2,4-Trimethylbenzene
Concen: 0.396 ug/L
RT: 10.889 min Scan# 3063
Delta R.T. 0.042 min
Lab File: VV036501.D
Acq: 12 Jul 2024 12:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 3603
Ion Ratio Lower Upper
105 100
120 0.0 37.0 55.4#



#71
Naphthalene
Concen: 1.238 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.010 min
Lab File: VV036501.D
Acq: 12 Jul 2024 12:22

Tgt Ion:128 Resp: 7896
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.1 8.6 13.0

