

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035274.D
 Acq On : 18 Apr 2024 11:37
 Operator : SY/MD
 Sample : P2158-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RC3

Quant Time: Apr 19 01:42:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

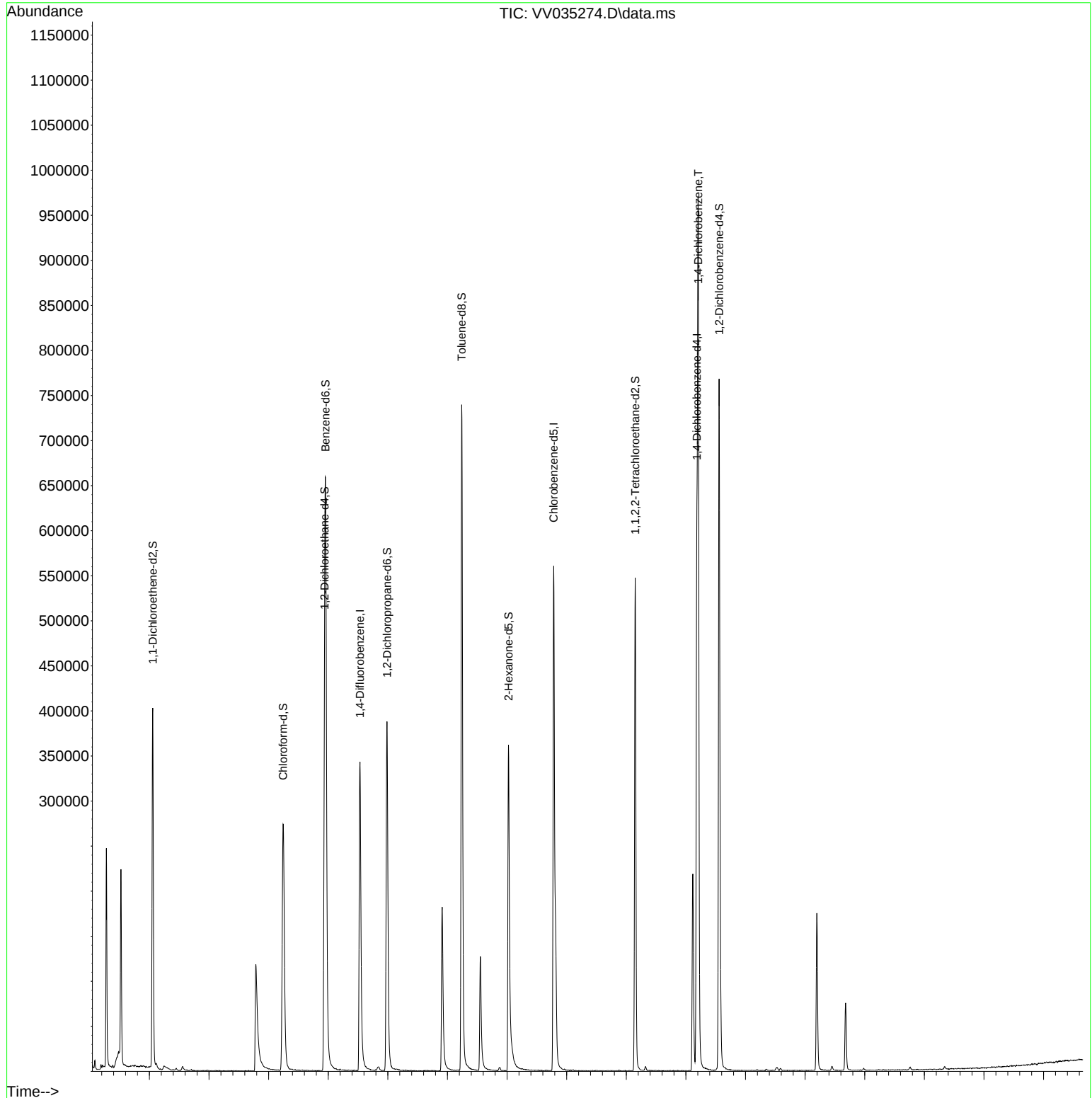
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	306443	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	304344	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139108	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159979	54.056	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.120%	
7) Chloroethane-d5	1.523	69	138976	54.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 108.140%	
11) 1,1-Dichloroethene-d2	2.056	65	68785	53.022	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.040%	
21) 2-Butanone-d5	3.786	46	193005	109.961	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 109.960%	
24) Chloroform-d	4.243	84	302847	60.863	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 121.720%	
26) 1,2-Dichloroethane-d4	4.937	65	191665	60.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 121.340%	
32) Benzene-d6	4.957	84	605826	59.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.520%	
36) 1,2-Dichloropropane-d6	5.986	67	198346	61.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 122.200%#	
41) Toluene-d8	7.240	98	511329	55.539	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 111.080%	
43) trans-1,3-Dichloroprop...	7.551	79	78114	49.496	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 99.000%	
47) 2-Hexanone-d5	8.024	63	127002	103.474	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 103.470%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	264719	59.216	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 118.440%	
66) 1,2-Dichlorobenzene-d4	11.558	152	193217	61.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 123.720%#	
Target Compounds						Qvalue
51) Chlorobenzene	8.815	112	89258	13.255	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	91586	19.542	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	375283	78.744	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	27849	5.965	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	56043	18.063	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	24497	8.010	ug/L	98

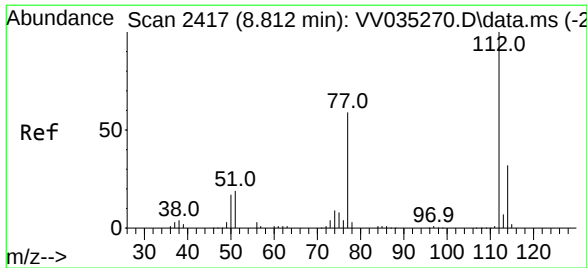
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 13.255 ug/L

RT: 8.815 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035274.D

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Instrument :

MSVOA_V

ClientSampleId :

MC0RC3

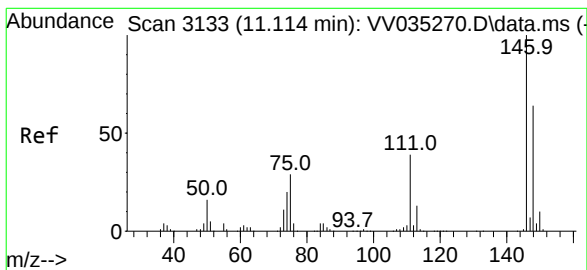
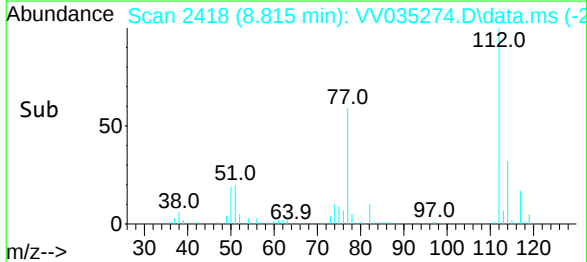
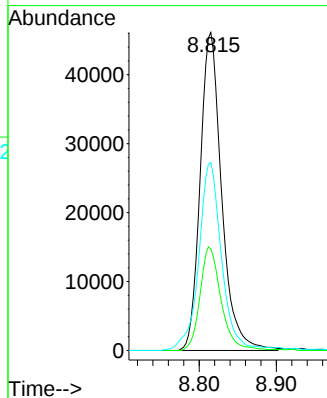
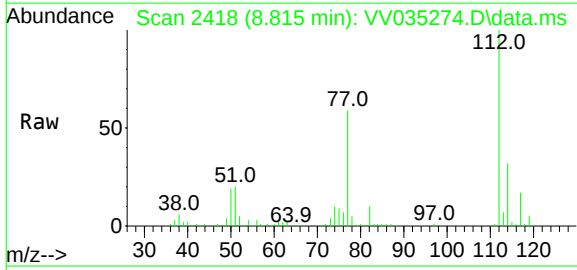
Tgt Ion:112 Resp: 89258

Ion Ratio Lower Upper

112 100

114 32.0 22.0 41.0

77 59.1 47.4 71.2



#64

1,3-Dichlorobenzene

Concen: 19.542 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV035274.D

Acq: 18 Apr 2024 11:37

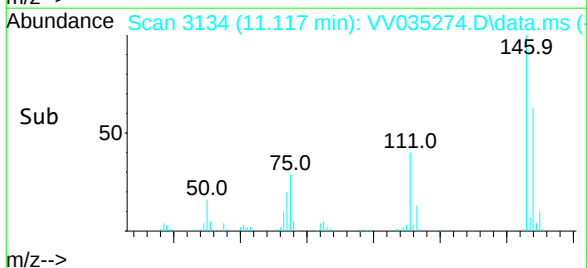
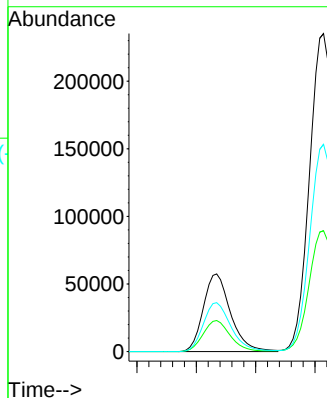
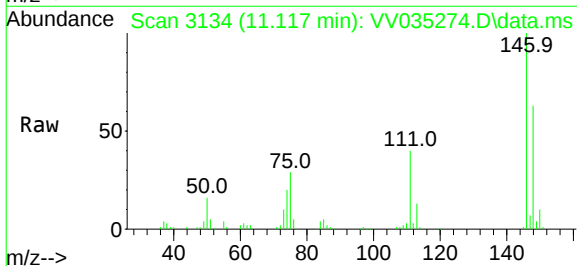
Tgt Ion:146 Resp: 91586

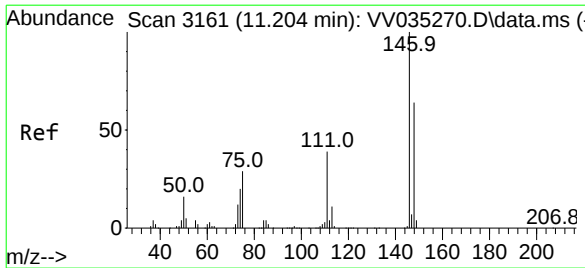
Ion Ratio Lower Upper

146 100

111 40.0 28.7 53.3

148 63.0 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 78.744 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035274.D

Acq: 18 Apr 2024 11:37

Instrument :

MSVOA_V

ClientSampleId :

MC0RC3

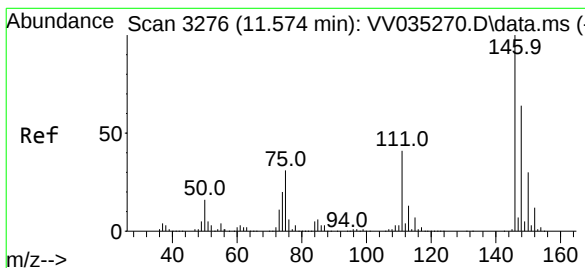
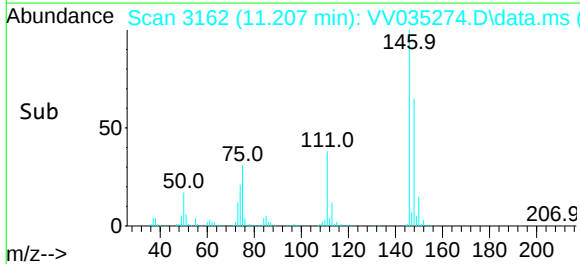
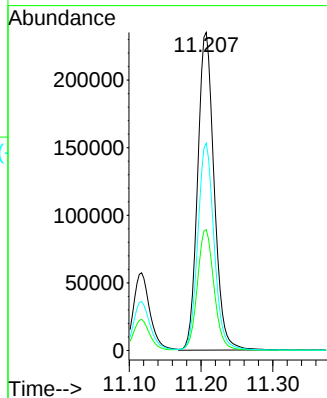
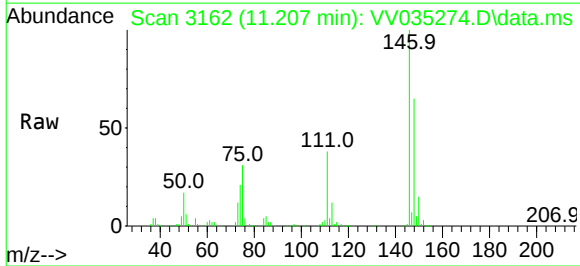
Tgt Ion:146 Resp: 375283

Ion Ratio Lower Upper

146 100

111 38.0 27.4 50.8

148 65.2 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 5.965 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035274.D

Acq: 18 Apr 2024 11:37

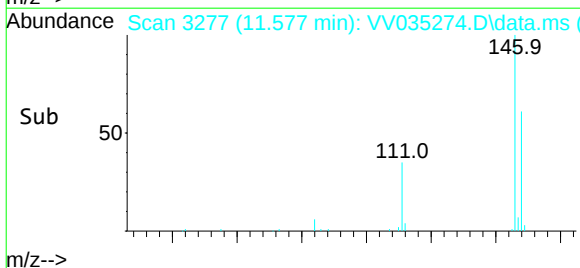
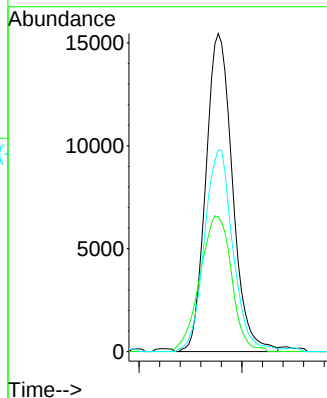
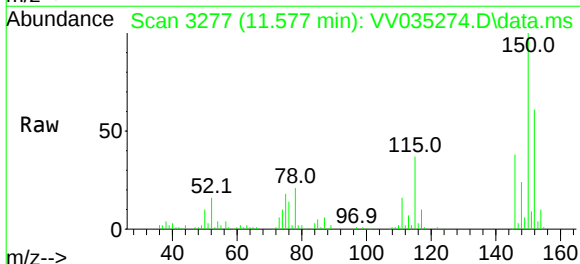
Tgt Ion:146 Resp: 27849

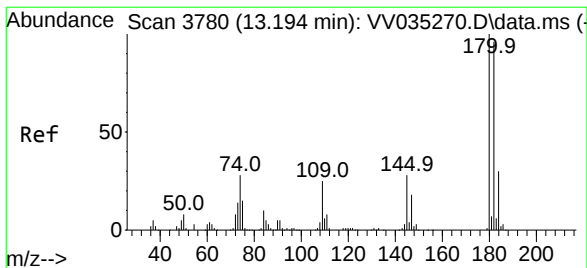
Ion Ratio Lower Upper

146 100

111 42.4 34.6 52.0

148 63.4 51.5 77.3





#70

1,2,4-trichlorobenzene

Concen: 18.063 ug/L

RT: 13.197 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV035274.D

Acq: 18 Apr 2024 11:37

Instrument :

MSVOA_V

ClientSampleId :

MC0RC3

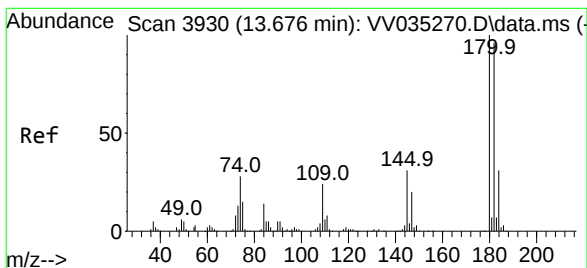
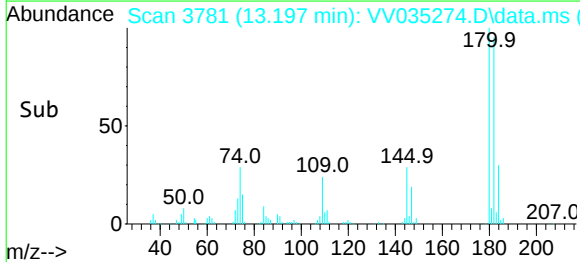
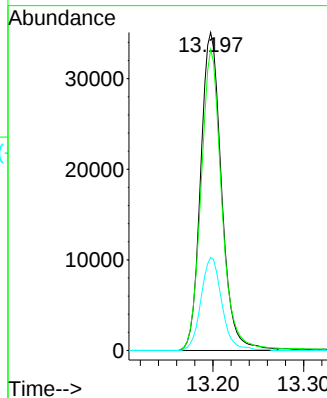
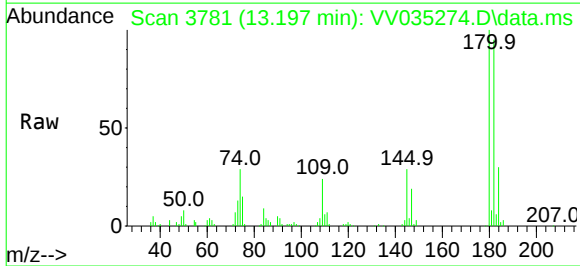
Tgt Ion:180 Resp: 56043

Ion Ratio Lower Upper

180 100

182 94.3 75.6 113.4

145 29.1 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 8.010 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035274.D

Acq: 18 Apr 2024 11:37

Tgt Ion:180 Resp: 24497

Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

145 29.6 25.8 38.6

