

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057582.D
 Acq On : 23 Jan 2024 21:09
 Operator : MD/SY
 Sample : P1228-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 01:09:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:56:55 2024
 Response via : Initial Calibration

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

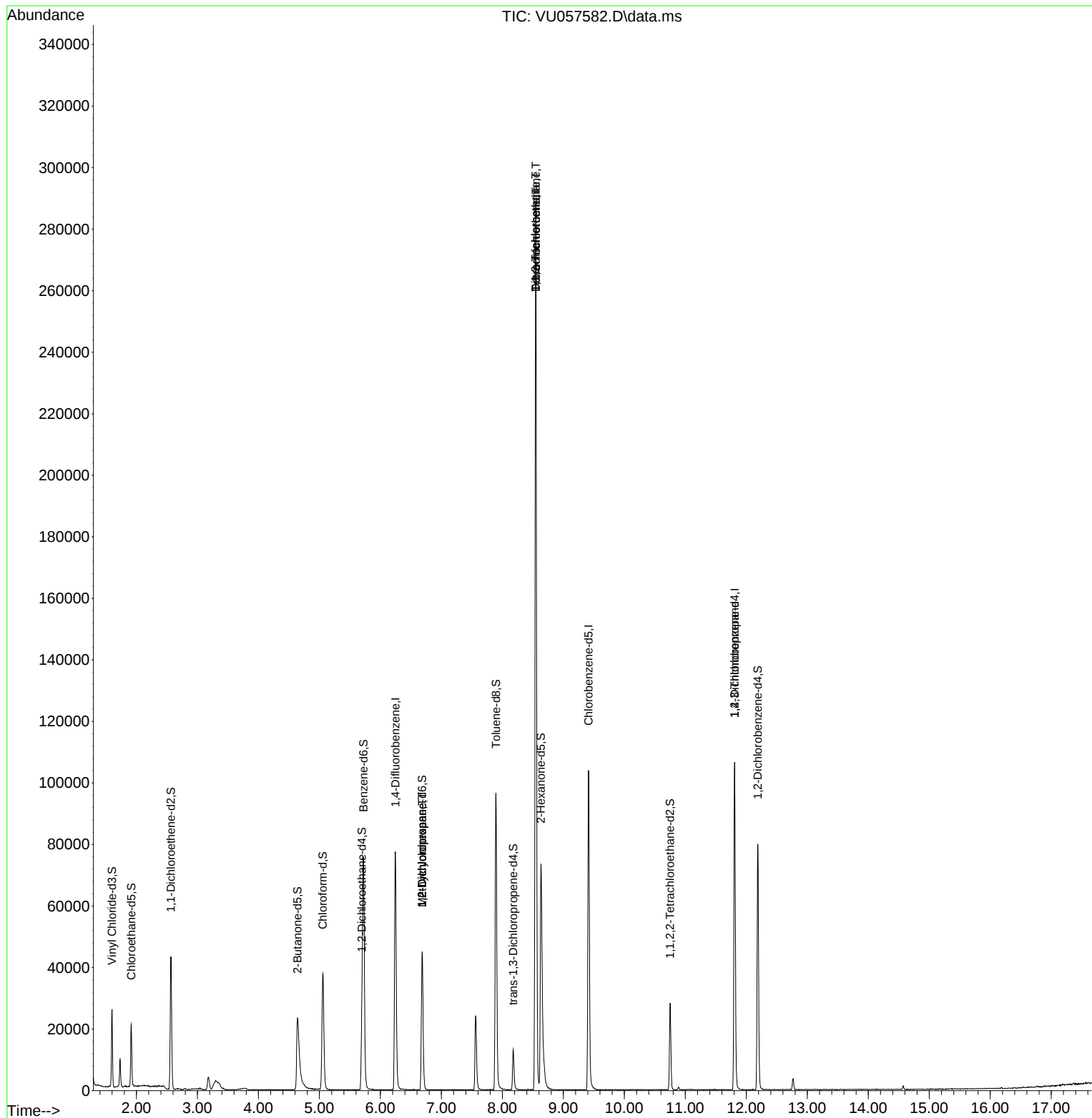
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	64604	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	60364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17894	5.027	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.600%		
7) Chloroethane-d5	1.914	69	14722	4.936	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 98.800%		
11) 1,1-Dichloroethene-d2	2.563	65	8211	4.906	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.200%		
20) 2-Butanone-d5	4.640	46	36743	54.718	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.440%		
24) Chloroform-d	5.055	84	35579	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.400%		
26) 1,2-Dichloroethane-d4	5.695	65	17658	5.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.600%		
32) Benzene-d6	5.721	84	72906	5.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.000%		
36) 1,2-Dichloropropane-d6	6.685	67	22152	5.187	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.800%		
41) Toluene-d8	7.894	98	67027	4.987	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.800%		
43) trans-1,3-Dichloroprop...	8.177	79	8391	4.930	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.600%		
46) 2-Hexanone-d5	8.631	63	27496	50.630	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 101.260%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14237	4.973	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 99.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	21548	5.331	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.600%		
Target Compounds						
						Qvalue
35) Methylcyclohexane	6.685	83	5158	0.559	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2427	0.469	ug/L #	89
45) 1,1,2-Trichloroethane	8.544	97	532	0.158	ug/L #	5
47) Tetrachloroethene	8.547	164	60041	14.314	ug/L	98
49) Dibromochloromethane	8.547	129	60201	13.799	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3614	1.250	ug/L #	64

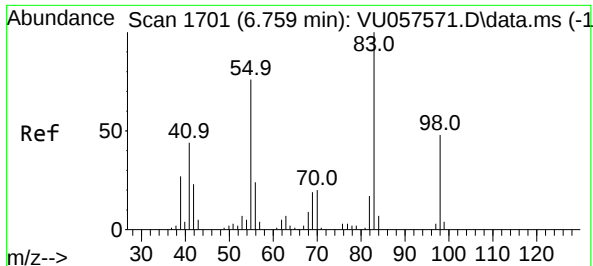
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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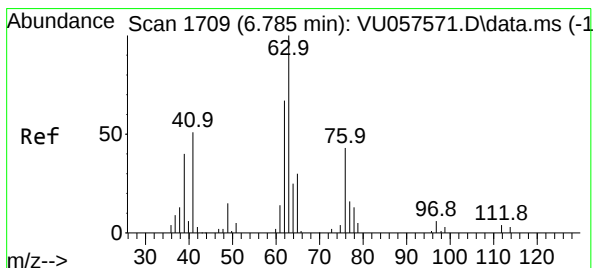
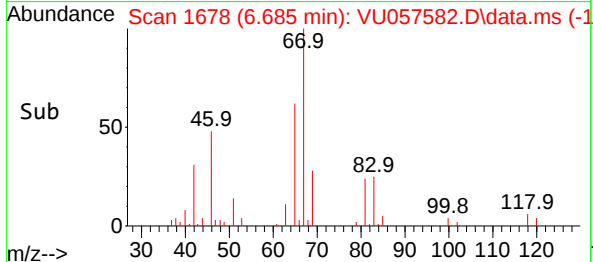
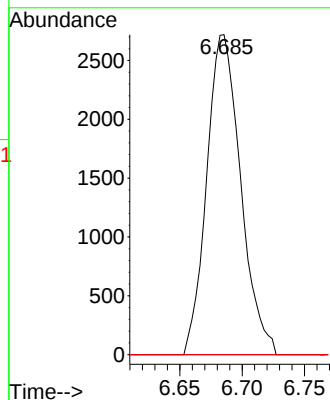
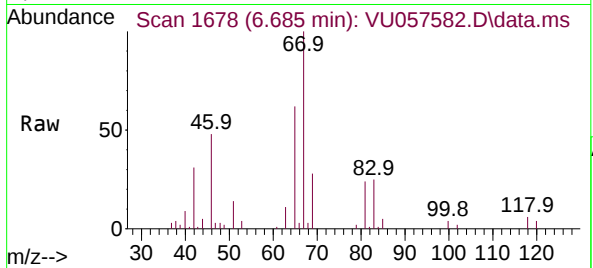




#35
Methylcyclohexane
Concen: 0.559 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057582.D
Acq: 23 Jan 2024 21:09

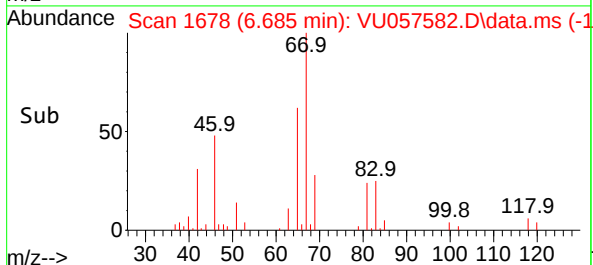
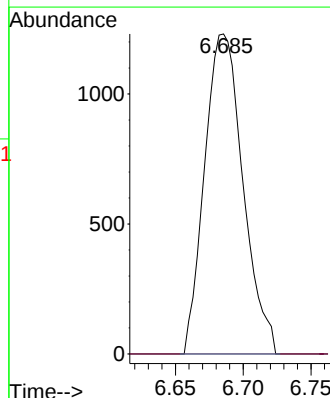
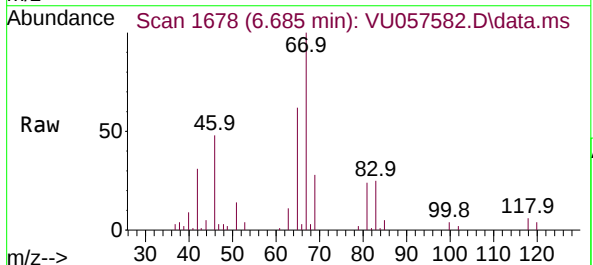
Instrument :
MSVOA_U
ClientSampleId :

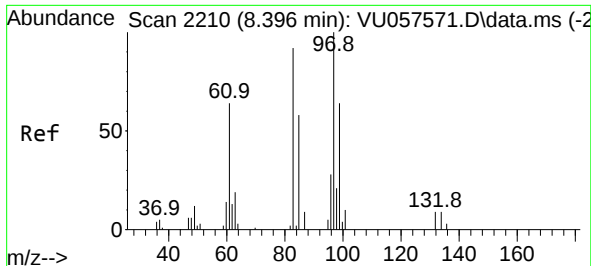
Tgt Ion: 83 Resp: 5158
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057582.D
Acq: 23 Jan 2024 21:09

Tgt Ion: 63 Resp: 2427
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 0.158 ug/L

RT: 8.544 min Scan# 21

Delta R.T. 0.148 min

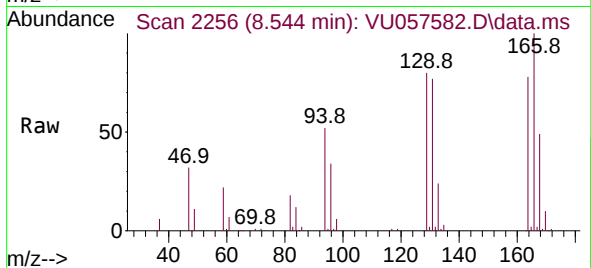
Lab File: VU057582.D

Acq: 23 Jan 2024 21:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 532

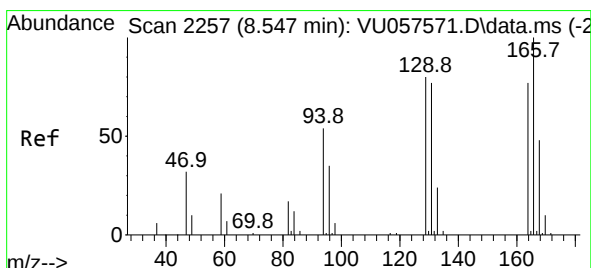
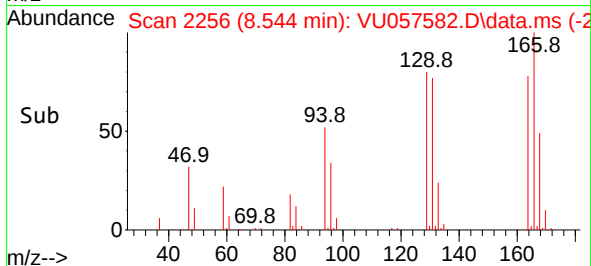
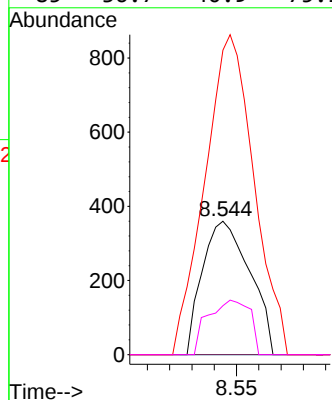
Ion Ratio Lower Upper

97 100

99 0.0 45.1 83.7#

83 228.1 62.3 115.7#

85 36.7 40.9 75.9#



#47

Tetrachloroethene

Concen: 14.314 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057582.D

Acq: 23 Jan 2024 21:09

Tgt Ion:164 Resp: 60041

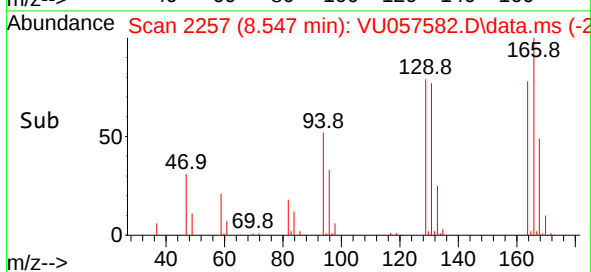
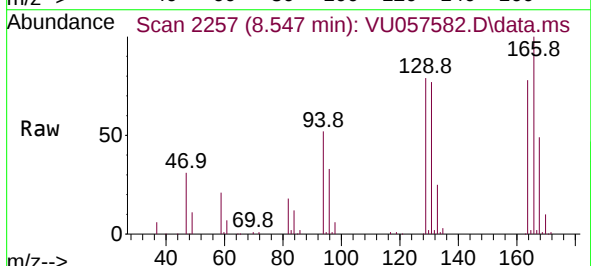
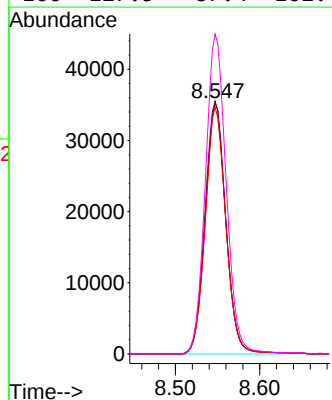
Ion Ratio Lower Upper

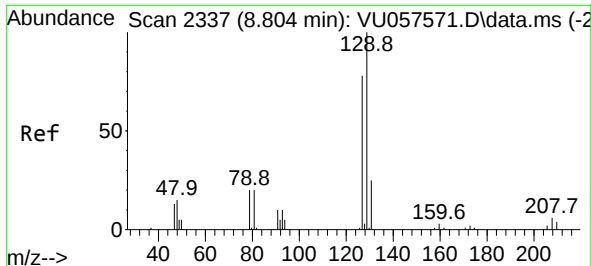
164 100

129 100.7 71.3 132.5

131 98.4 68.1 126.5

166 127.5 87.4 162.4





#49

Dibromochloromethane

Concen: 13.799 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057582.D

Acq: 23 Jan 2024 21:09

Instrument :

MSVOA_U

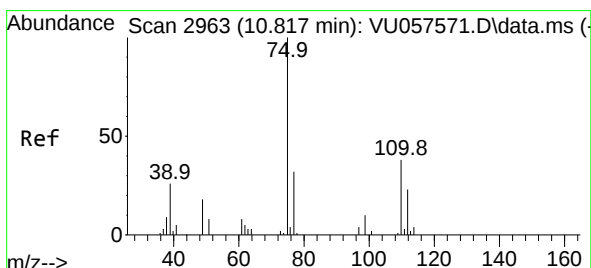
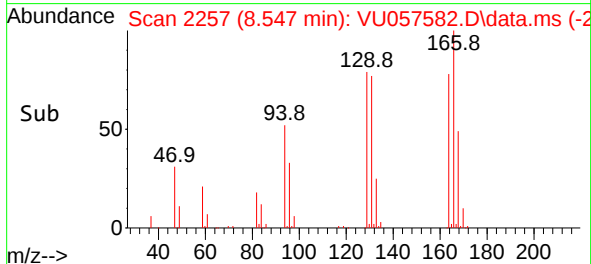
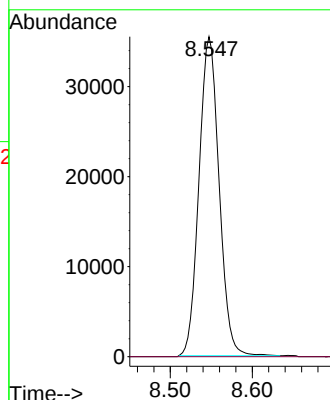
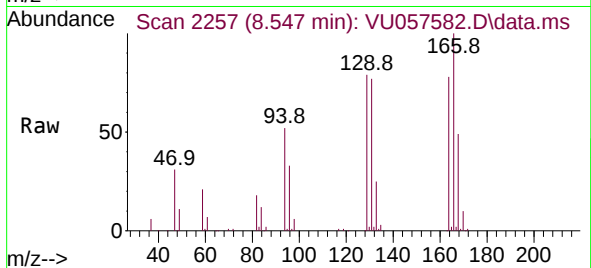
ClientSampleId :

Tgt Ion:129 Resp: 60201

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.250 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057582.D

Acq: 23 Jan 2024 21:09

Tgt Ion: 75 Resp: 3614

Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

77 34.9 25.5 38.3

