

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012624\
 Data File : VU057700.D
 Acq On : 26 Jan 2024 18:33
 Operator : MD/SY
 Sample : P1230-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 00:32:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 29 00:26:20 2024
 Response via : Initial Calibration

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

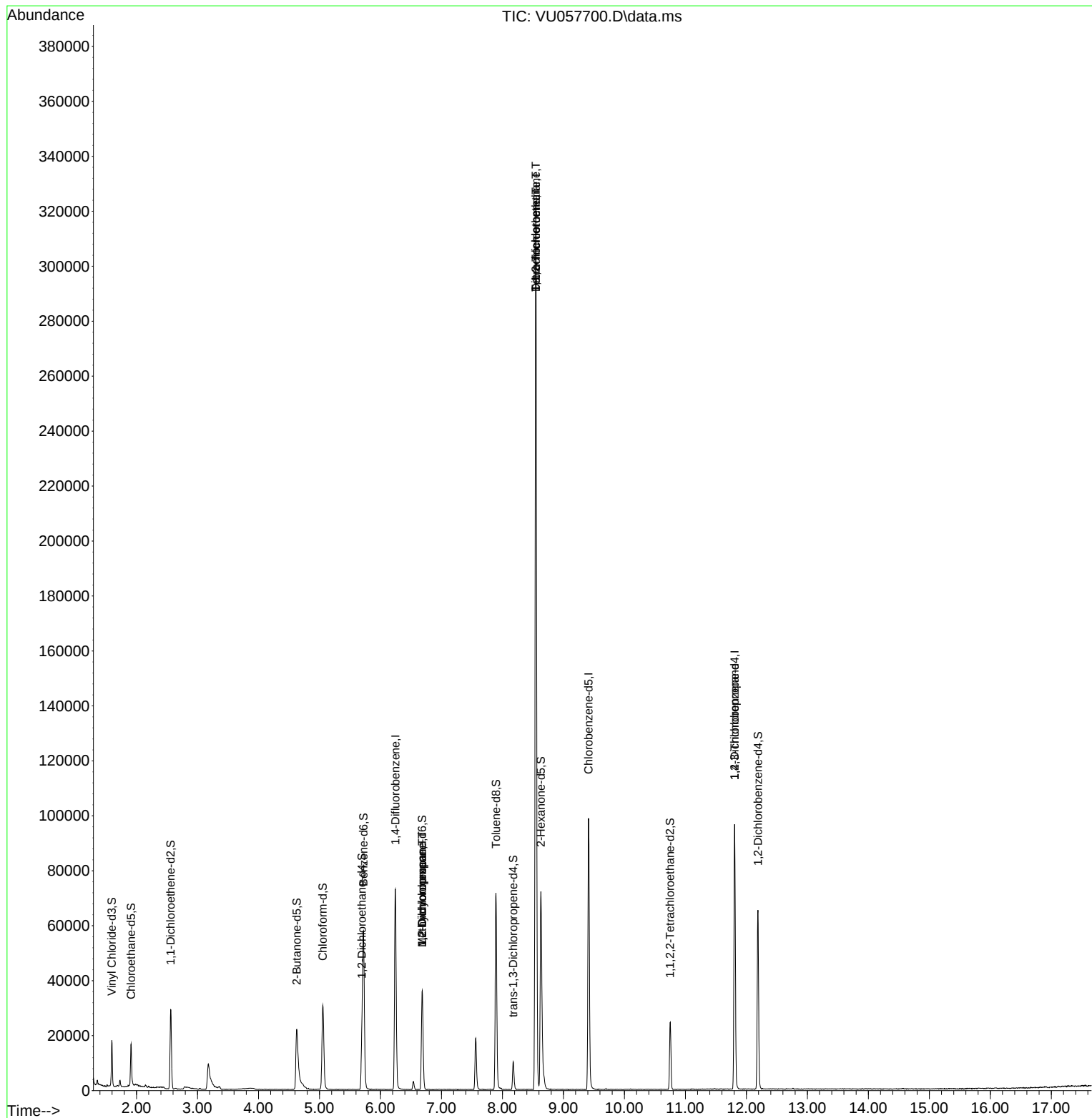
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	60609	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	55785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	10936	3.275	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.911	69	11044	3.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.560	65	5436	3.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.628	46	33495	53.169	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	5.055	84	28870	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.695	65	14205	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.721	84	53767	4.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	17710	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	49100	3.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.177	79	6400	4.069	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.631	63	25768	51.343	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	12284	4.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	16840	4.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	4023	0.472	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2023	0.423	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	573	0.184	ug/L #	1
47) Tetrachloroethene	8.547	164	66115	17.056	ug/L	98
49) Dibromochloromethane	8.547	129	67379	16.712	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3347	1.315	ug/L #	66

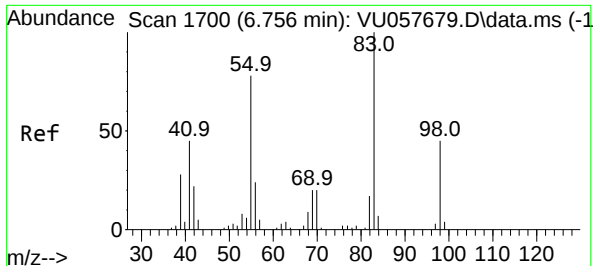
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.472 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057700.D

Acq: 26 Jan 2024 18:33

Instrument :

MSVOA_U

ClientSampleId :

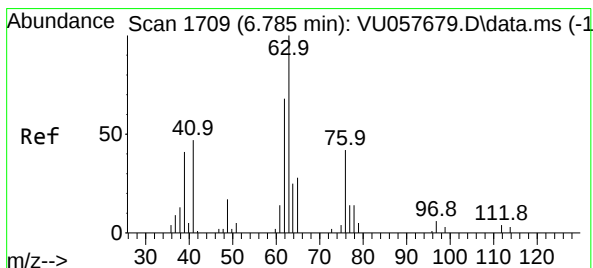
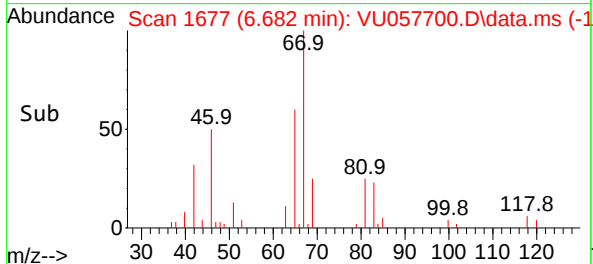
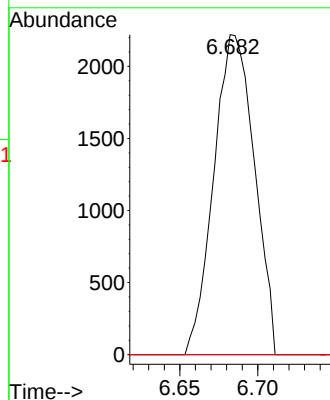
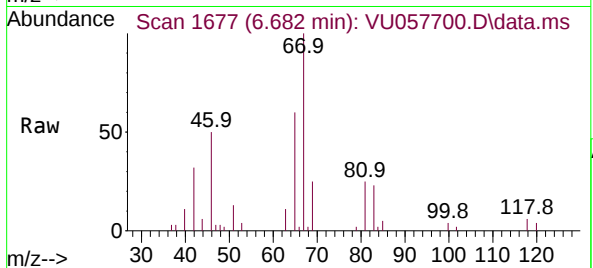
Tgt Ion: 83 Resp: 4023

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: 0.423 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU057700.D

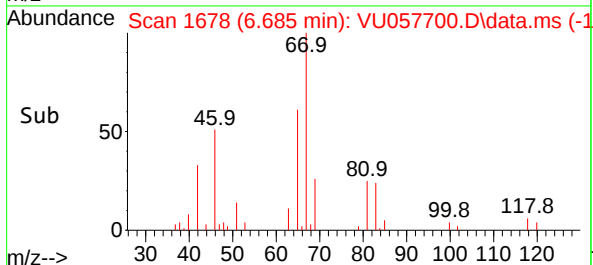
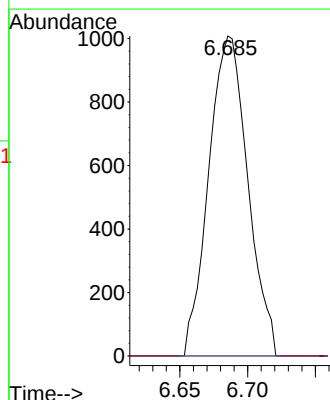
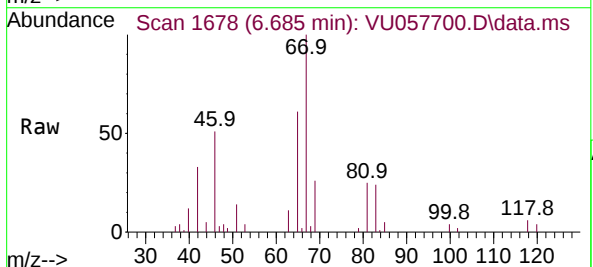
Acq: 26 Jan 2024 18:33

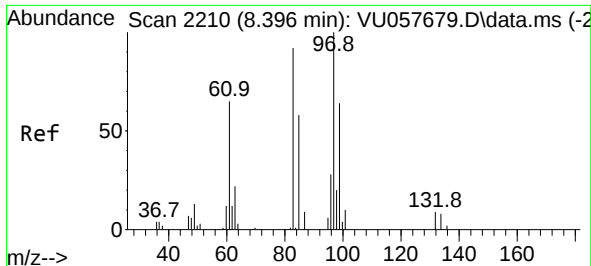
Tgt Ion: 63 Resp: 2023

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 0.184 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.151 min

Lab File: VU057700.D

Acq: 26 Jan 2024 18:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 573

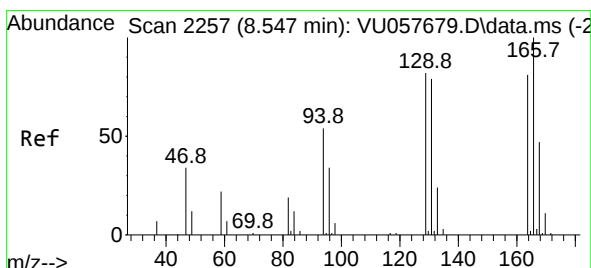
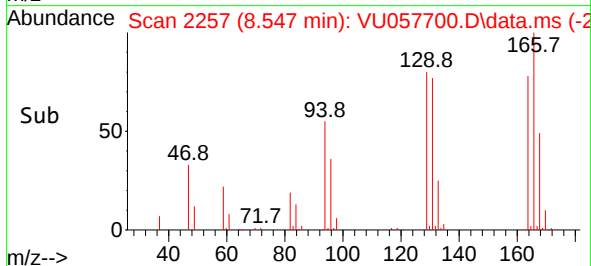
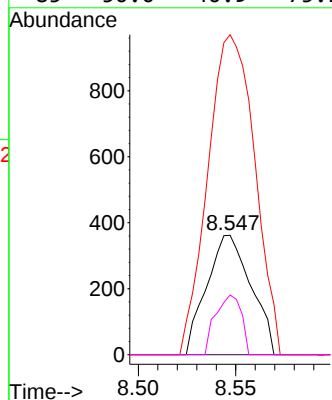
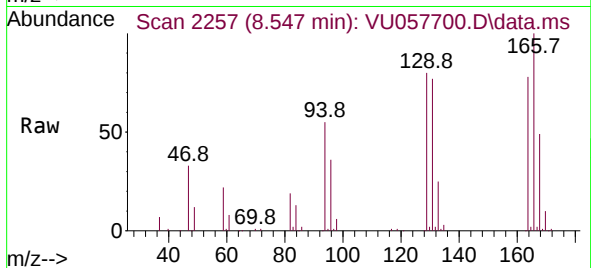
Ion Ratio Lower Upper

97 100

99 0.0 45.1 83.7#

83 268.0 62.3 115.7#

85 50.0 40.9 75.9



#47

Tetrachloroethene

Concen: 17.056 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057700.D

Acq: 26 Jan 2024 18:33

Tgt Ion:164 Resp: 66115

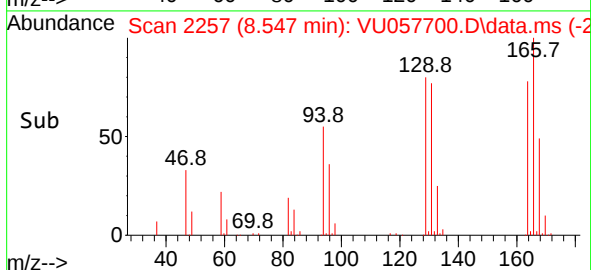
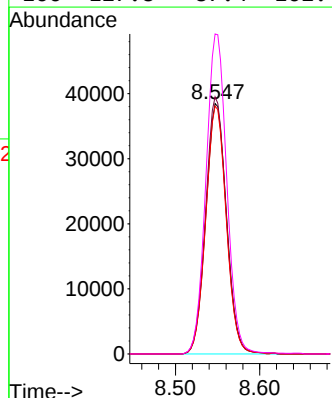
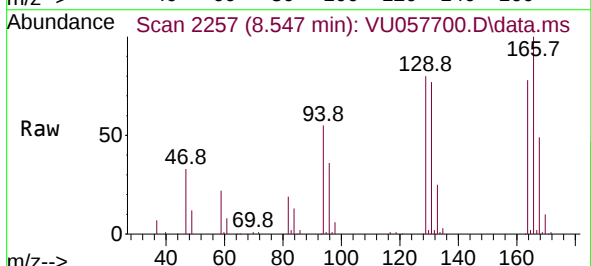
Ion Ratio Lower Upper

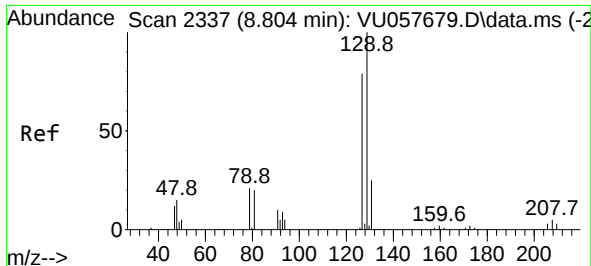
164 100

129 102.7 71.3 132.5

131 99.1 68.1 126.5

166 127.8 87.4 162.4





#49

Dibromochloromethane

Concen: 16.712 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057700.D

Acq: 26 Jan 2024 18:33

Instrument :

MSVOA_U

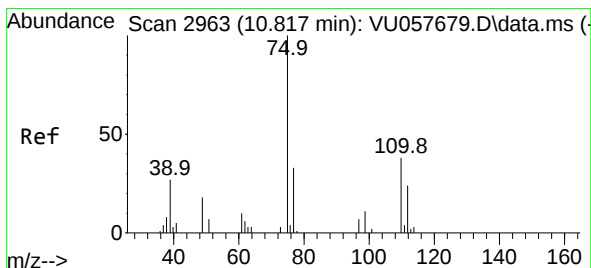
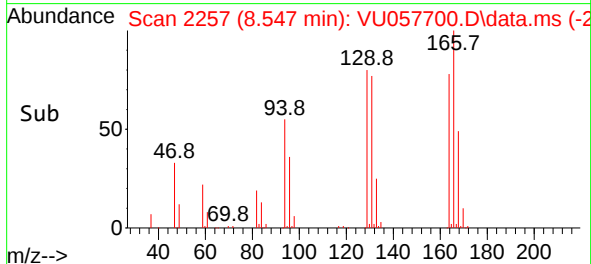
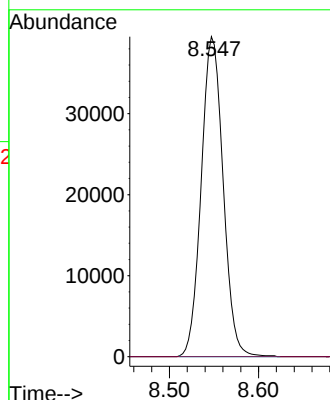
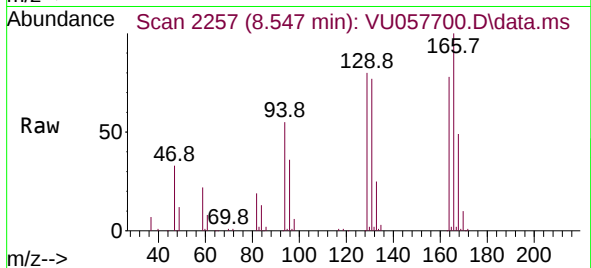
ClientSampleId :

Tgt Ion:129 Resp: 67379

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.315 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057700.D

Acq: 26 Jan 2024 18:33

Tgt Ion: 75 Resp: 3347

Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

77 32.3 25.5 38.3

