

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062406.D
 Acq On : 17 Dec 2024 23:49
 Operator : MD/SY
 Sample : P5310-20
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 01:12:26 2024
 Response via : Initial Calibration

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

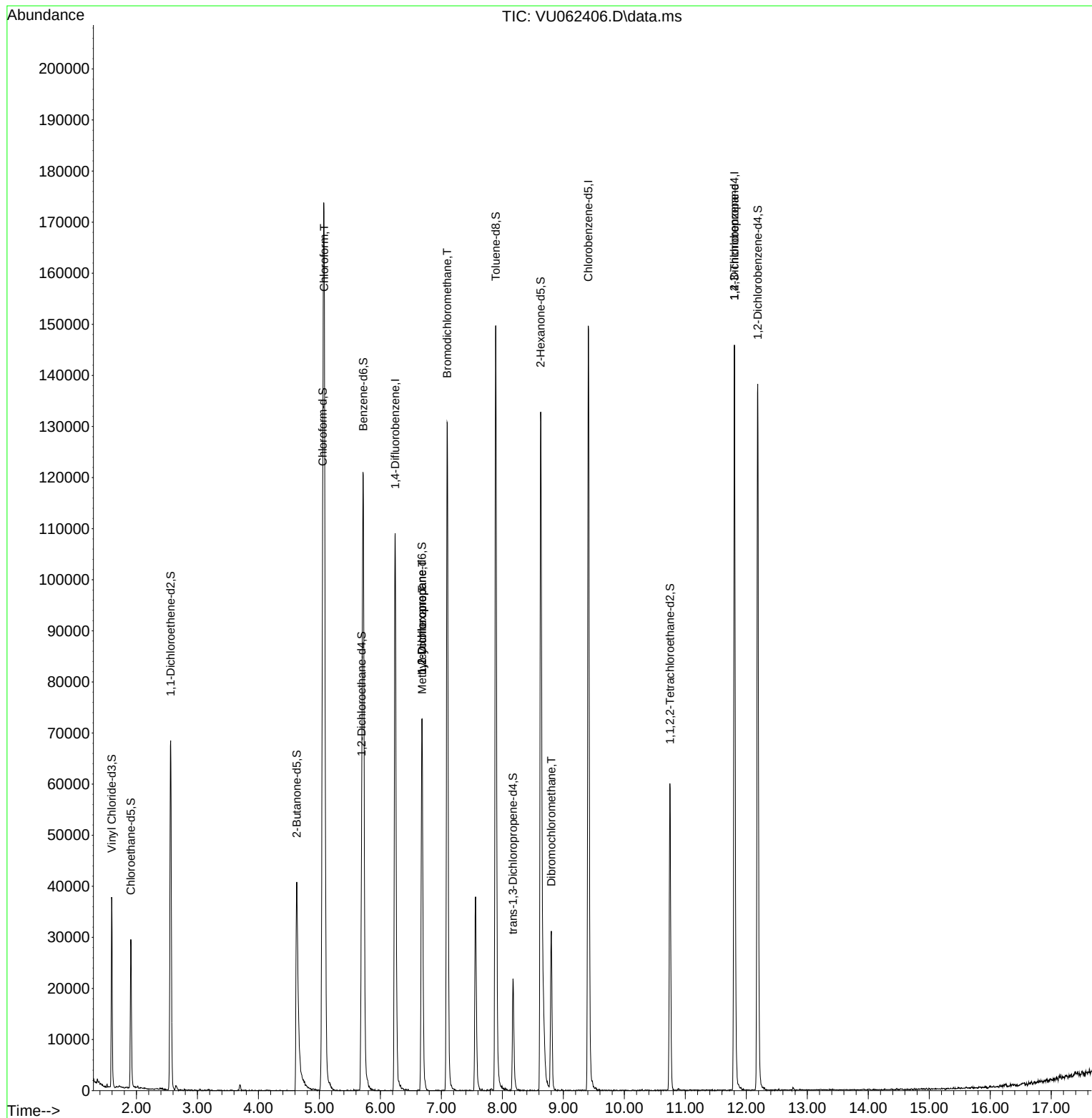
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	93771	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25726	4.067	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.400%		
7) Chloroethane-d5	1.908	69	21375	4.751	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.000%		
11) 1,1-Dichloroethene-d2	2.560	65	13238	4.399	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	88.000%		
20) 2-Butanone-d5	4.628	46	62369	51.453	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	102.900%		
24) Chloroform-d	5.052	84	71699	5.238	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	104.800%		
26) 1,2-Dichloroethane-d4	5.692	65	35693	5.303	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	106.000%		
32) Benzene-d6	5.718	84	117880	4.498	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.000%		
36) 1,2-Dichloropropane-d6	6.679	67	34235	4.565	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.400%		
41) Toluene-d8	7.891	98	108043	4.364	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.200%		
43) trans-1,3-Dichloroprop...	8.174	79	14616	4.428	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	88.600%		
46) 2-Hexanone-d5	8.628	63	47298	47.497	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	95.000%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	28685	4.916	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	39809	4.970	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.400%		
Target Compounds						Qvalue
25) Chloroform	5.078	83	139724	10.403	ug/L	97
35) Methylcyclohexane	6.686	83	9556	0.807	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4096	0.596	ug/L #	87
38) Bromodichloromethane	7.094	83	88172	9.100	ug/L	99
49) Dibromochloromethane	8.801	129	17504	2.795	ug/L	99
61) 1,2,3-Trichloropropane	11.804	75	3973	0.989	ug/L #	64

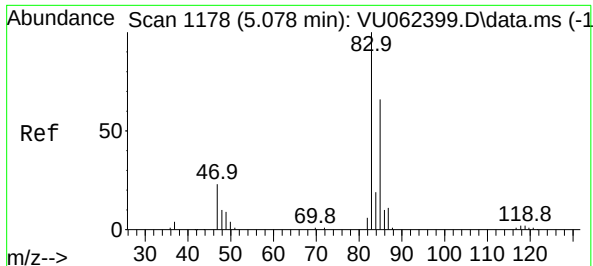
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 10.403 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

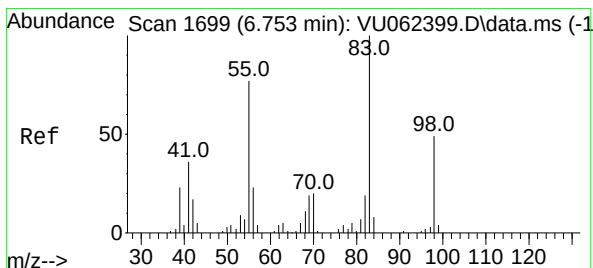
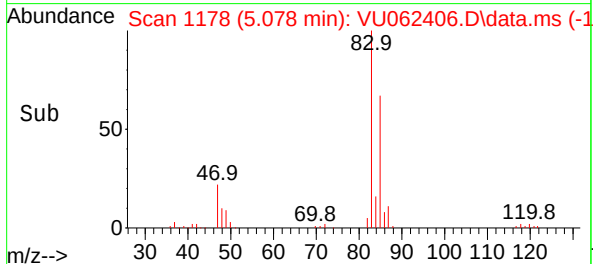
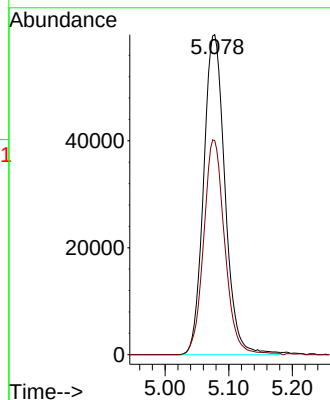
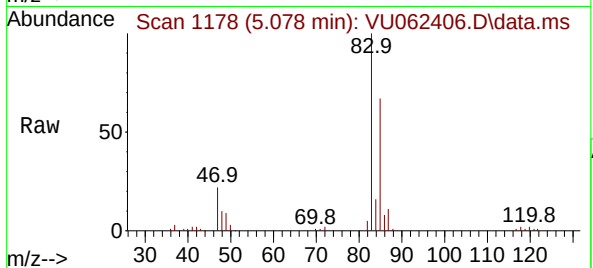
ClientSampleId :

Tgt Ion: 83 Resp: 139724

Ion Ratio Lower Upper

83 100

85 66.9 45.4 84.2



#35

Methylcyclohexane

Concen: 0.807 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.067 min

Lab File: VU062406.D

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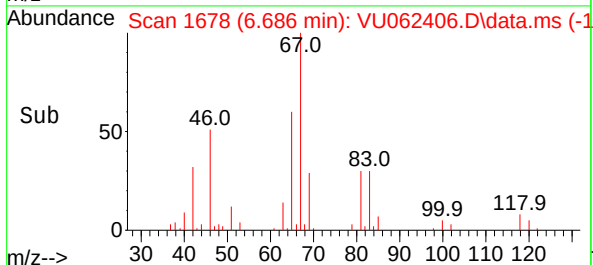
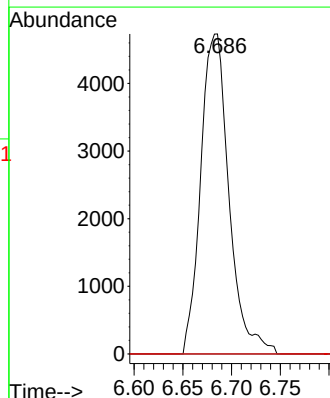
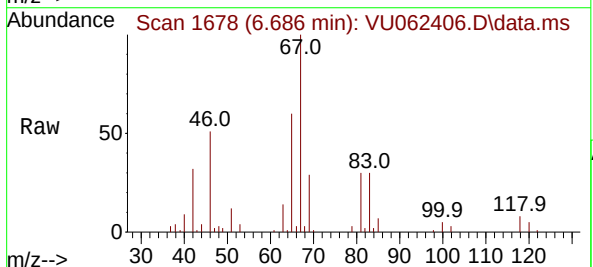
Tgt Ion: 83 Resp: 9556

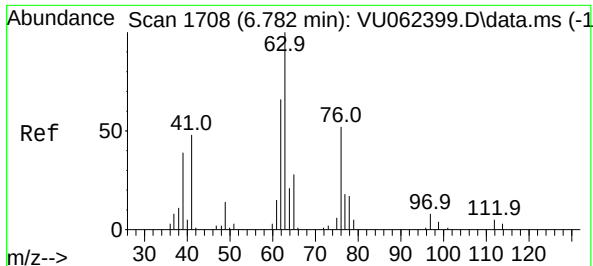
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#

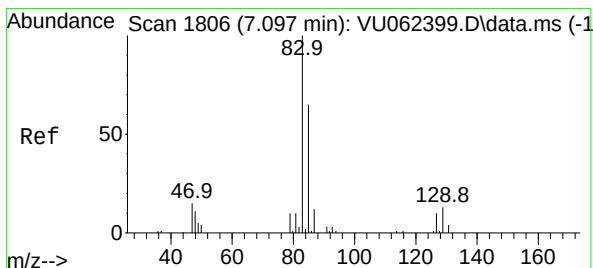
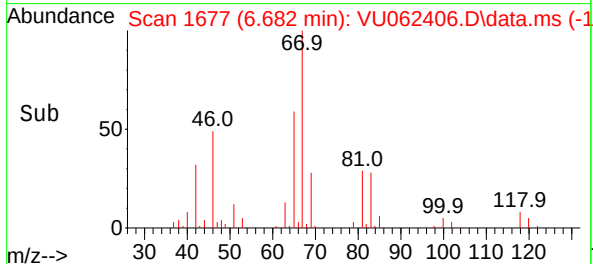
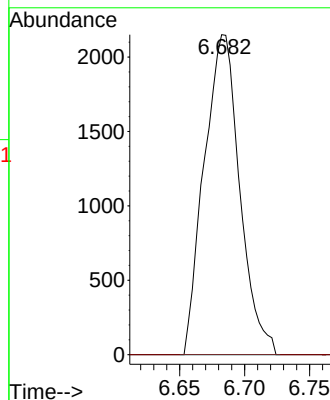
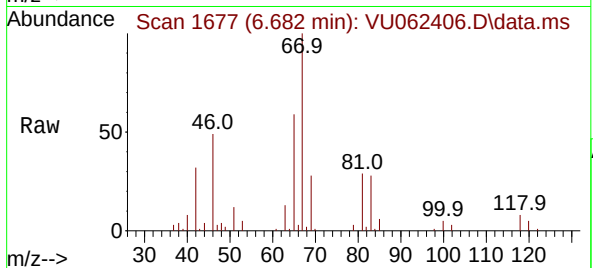




#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU062406.D
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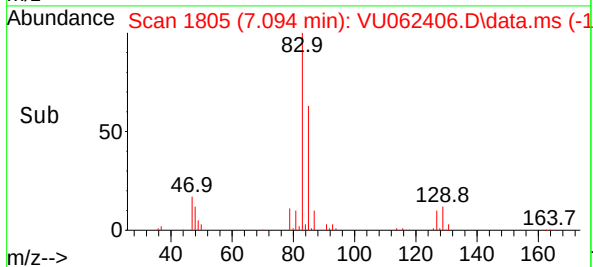
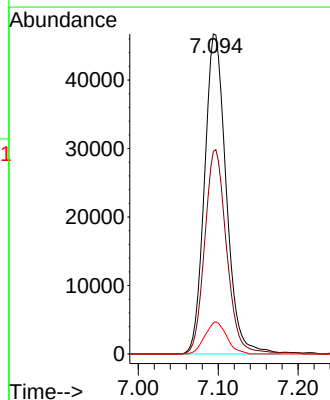
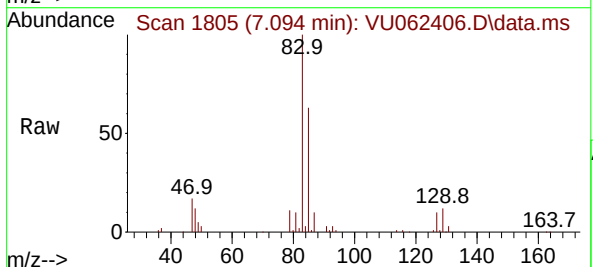
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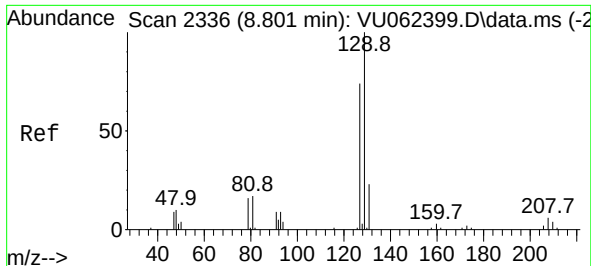
Tgt Ion: 63 Resp: 4096
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 9.100 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062406.D
Acq: 17 Dec 2024 23:49

Tgt Ion: 83 Resp: 88172
Ion Ratio Lower Upper
83 100
85 63.3 44.1 81.9
127 9.7 6.9 10.3

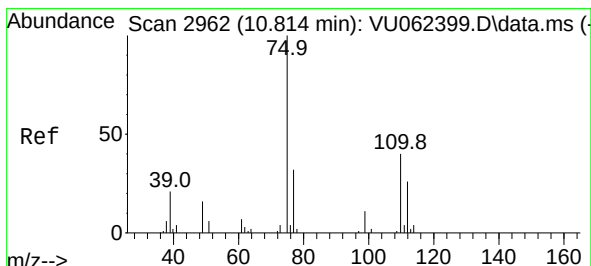
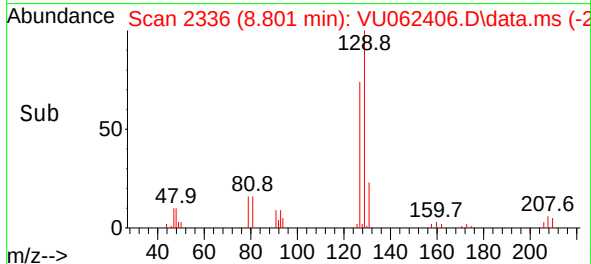
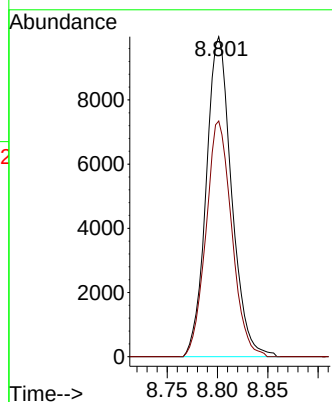
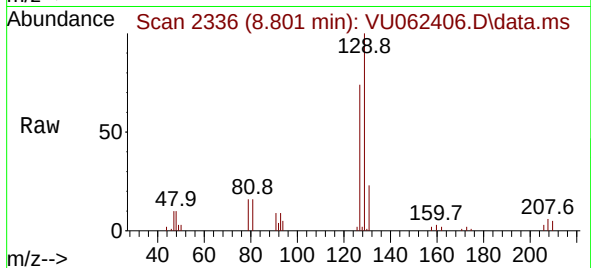




#49
Dibromochloromethane
Concen: 2.795 ug/L
RT: 8.801 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU062406.D
Acq: 17 Dec 2024 23:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 17504
Ion Ratio Lower Upper
129 100
127 73.6 51.1 94.9



#61
1,2,3-Trichloropropane
Concen: 0.989 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.991 min
Lab File: VU062406.D
Acq: 17 Dec 2024 23:49

Tgt Ion: 75 Resp: 3973
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 38.3 26.5 39.7

