

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057024.D
 Acq On : 19 Dec 2023 04:31
 Operator : MD/SY
 Sample : 05843-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 05:14:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

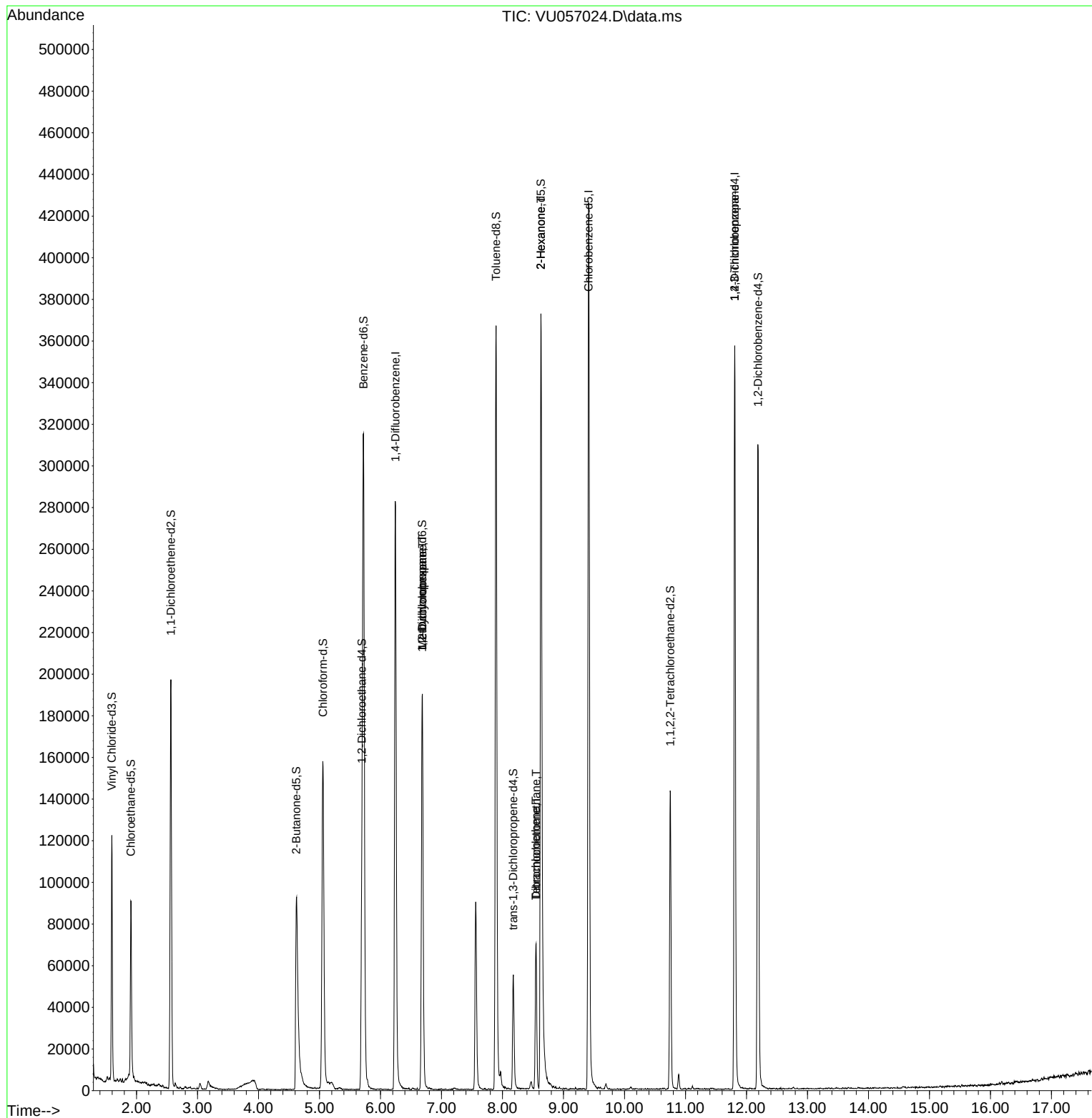
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	225432	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	251808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	85170	4.408	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.907	69	63163	4.368	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.563	65	36759	4.446	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	4.621	46	153721	40.283	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.560%	
24) Chloroform-d	5.055	84	154461	4.221	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.695	65	75903	4.384	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
32) Benzene-d6	5.721	84	304891	3.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.000%	
36) 1,2-Dichloropropane-d6	6.682	67	94548	3.868	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.400%	
41) Toluene-d8	7.894	98	256600	3.676	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.600%	
43) trans-1,3-Dichloroprop...	8.177	79	34915	3.683	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.600%	
46) 2-Hexanone-d5	8.631	63	124026	34.687	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	69.380%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73016	4.128	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	84959	4.600	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	22491	0.628	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	10294	0.455	ug/L #	88
47) Tetrachloroethene	8.547	164	15505	0.913	ug/L	94
48) 2-Hexanone	8.631	43	18281	2.388	ug/L #	86
49) Dibromochloromethane	8.550	129	15777	0.897	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11281	1.118	ug/L #	66

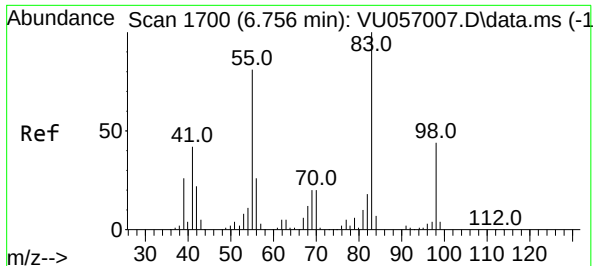
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.628 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU057024.D

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MSVOA_U

ClientSampleId :

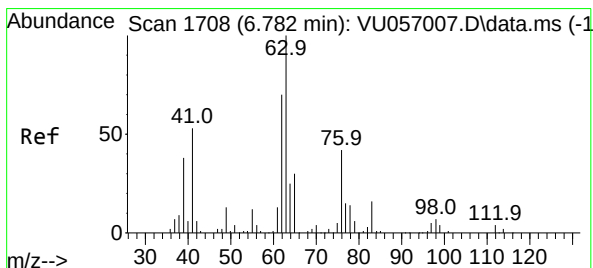
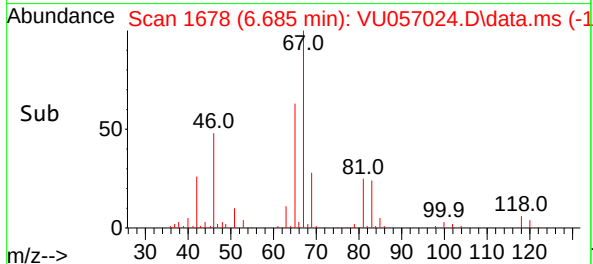
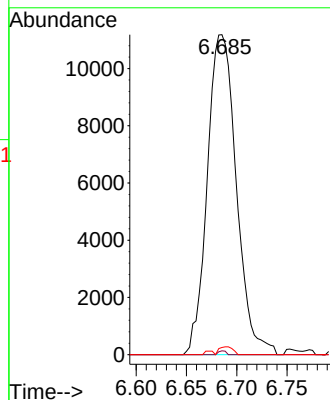
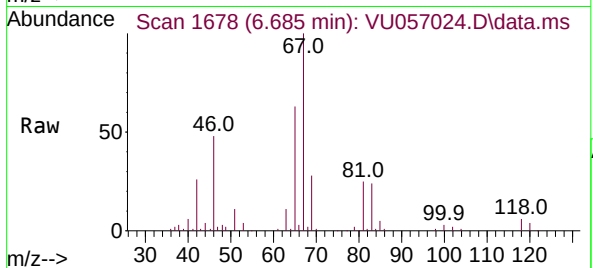
Tgt Ion: 83 Resp: 22491

Ion Ratio Lower Upper

83 100

55 0.3 64.6 97.0#

98 1.2 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.455 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU057024.D

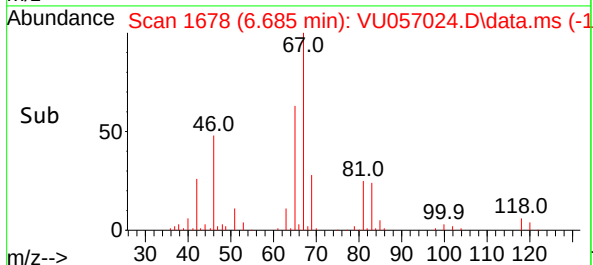
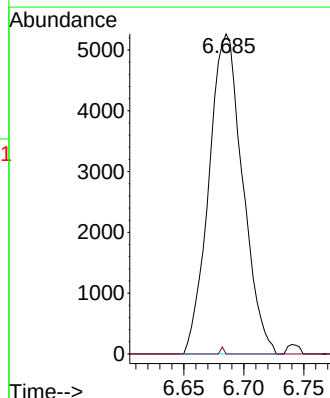
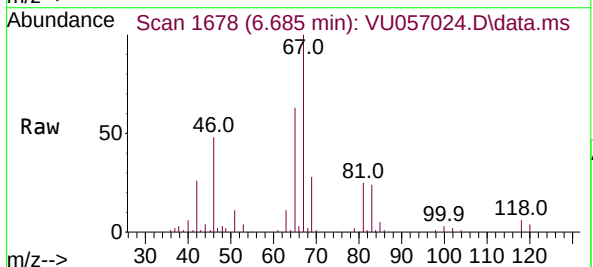
Acq: 19 Dec 2023 04:31

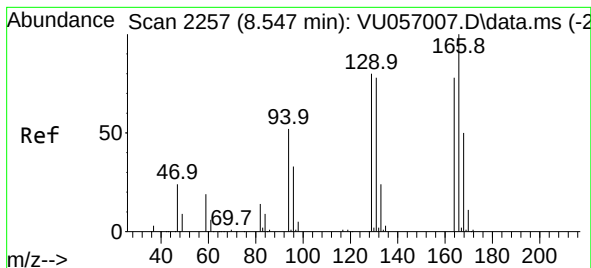
Tgt Ion: 63 Resp: 10294

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.913 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.000 min

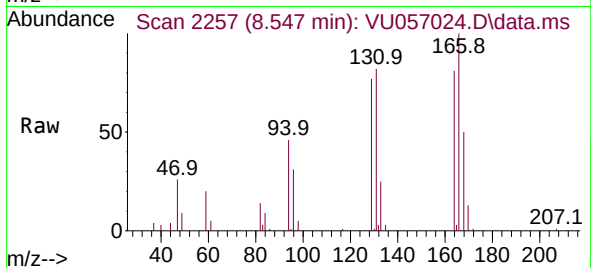
Lab File: VU057024.D

Acq: 19 Dec 2023 04:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 15505

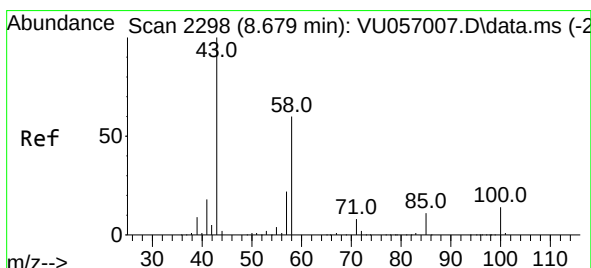
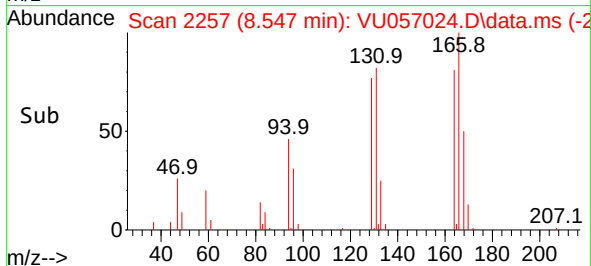
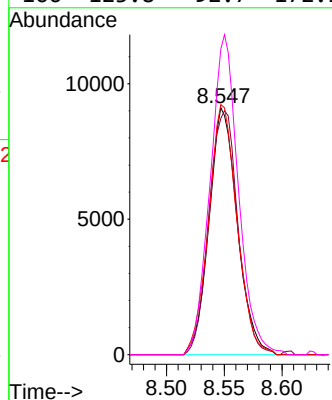
Ion Ratio Lower Upper

164 100

129 95.7 73.4 136.4

131 101.3 71.5 132.9

166 123.8 92.7 172.1



#48

2-Hexanone

Concen: 2.388 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.048 min

Lab File: VU057024.D

Acq: 19 Dec 2023 04:31

Tgt Ion: 43 Resp: 18281

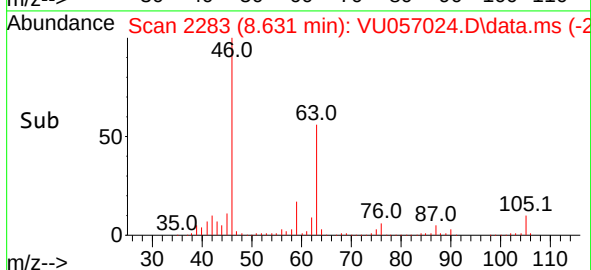
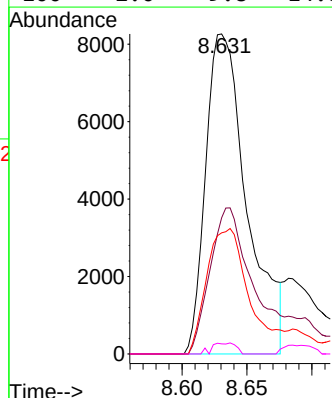
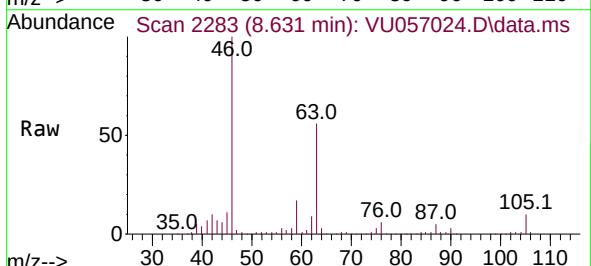
Ion Ratio Lower Upper

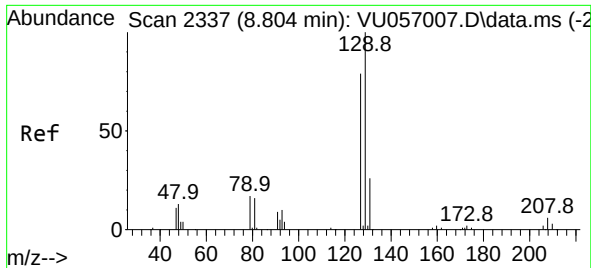
43 100

58 57.9 47.5 71.3

57 40.3 17.0 25.4#

100 2.0 9.8 14.8#

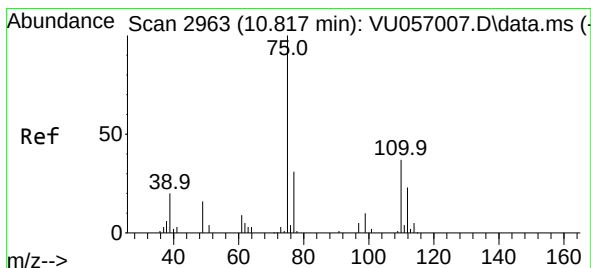
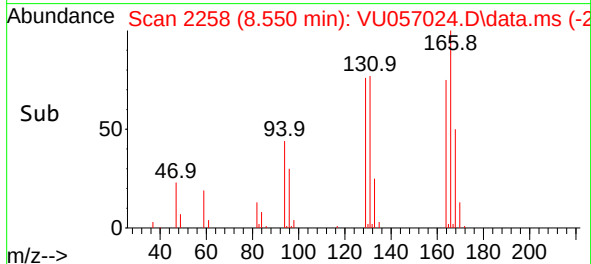
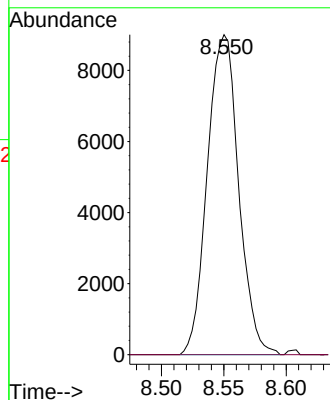
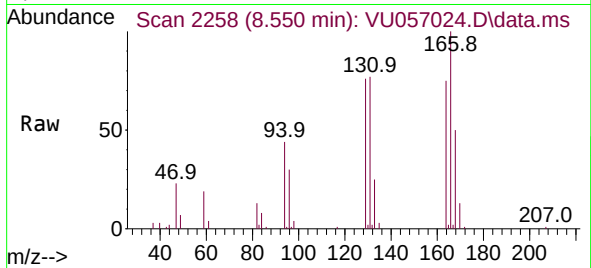




#49
Dibromochloromethane
Concen: 0.897 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU057024.D
Acq: 19 Dec 2023 04:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 15777
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.118 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057024.D
Acq: 19 Dec 2023 04:31

Tgt Ion: 75 Resp: 11281
Ion Ratio Lower Upper
75 100
110 2.0 28.4 42.6#
77 37.5 26.3 39.5

