

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057012.D
 Acq On : 18 Dec 2023 23:40
 Operator : MD/SY
 Sample : 05830-01 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 05:12:01 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)

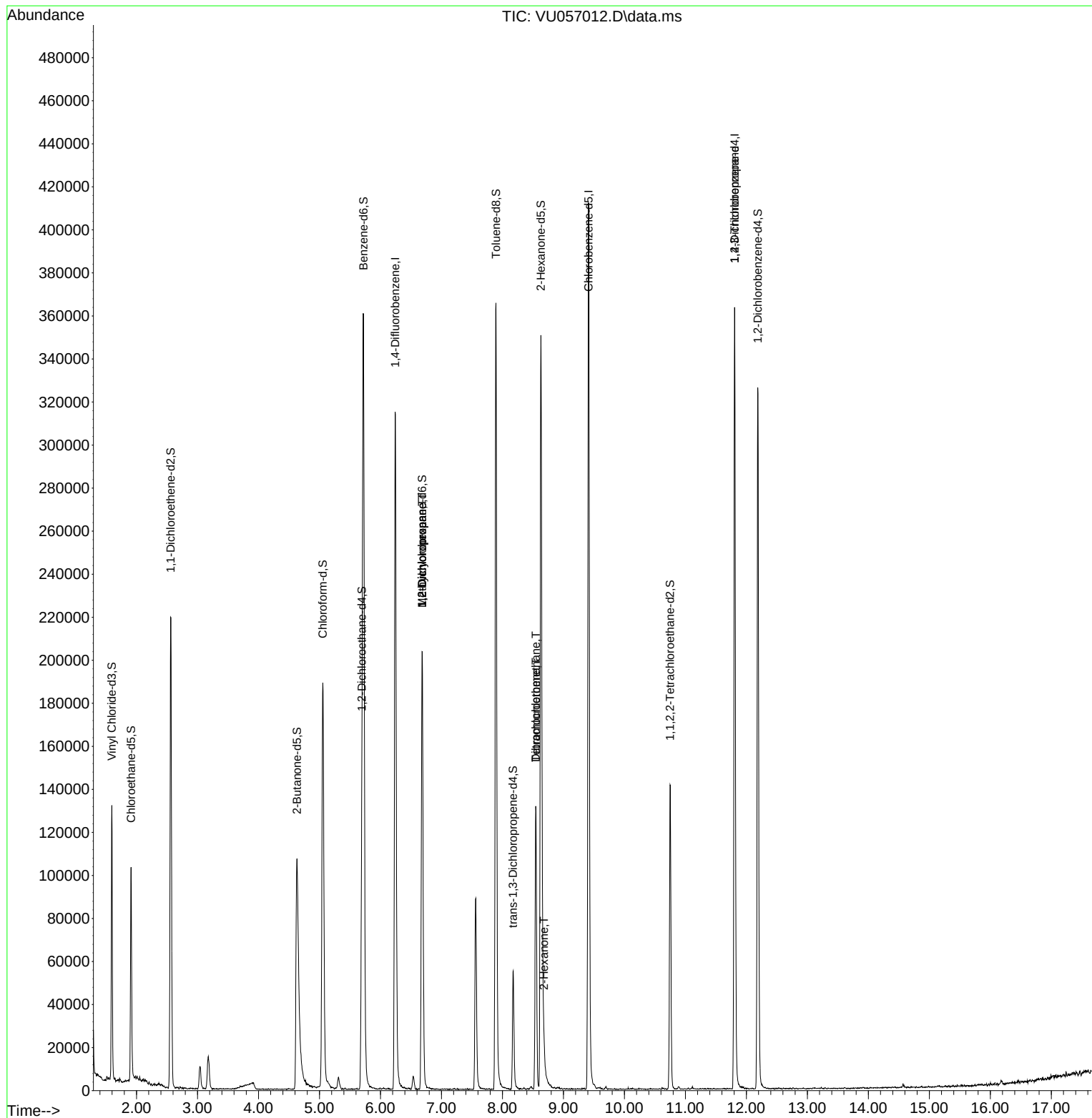
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	258335	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239697	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	97329	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	92825	4.192	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.911	69	73658	4.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.560	65	42409	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.631	46	189143	43.252	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.500%
24) Chloroform-d	5.055	84	180956	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.695	65	87451	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.721	84	346941	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.682	67	101392	4.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.894	98	255604	3.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.174	79	32928	3.649	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.631	63	125137	36.766	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	72129	4.284	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	87514	4.574	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	23292	0.683	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11088	0.515	ug/L #	88
47) Tetrachloroethene	8.547	164	28601	1.769	ug/L	96
48) 2-Hexanone	8.682	43	4614	0.633	ug/L #	36
49) Dibromochloromethane	8.547	129	29822	1.781	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11676	1.117	ug/L #	67

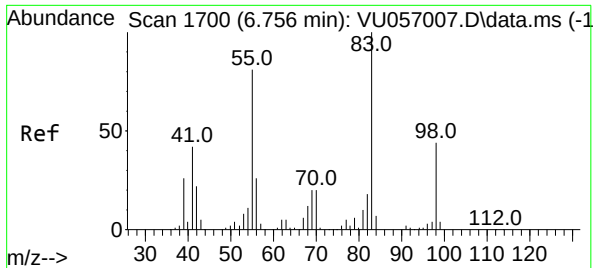
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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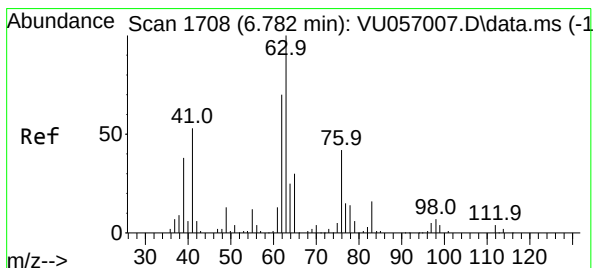
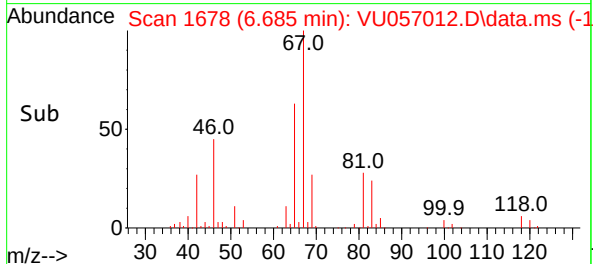
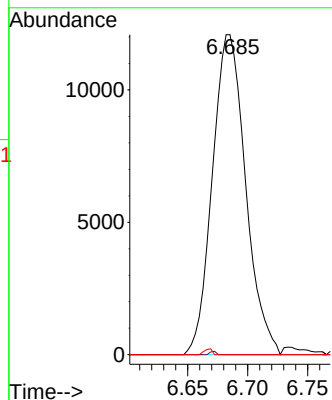
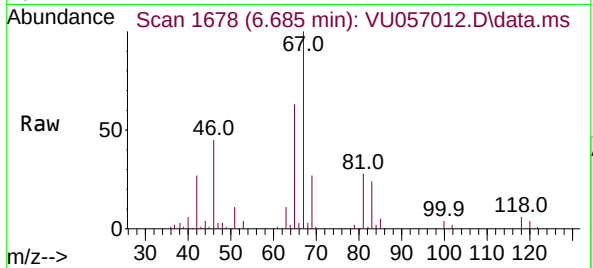




#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057012.D
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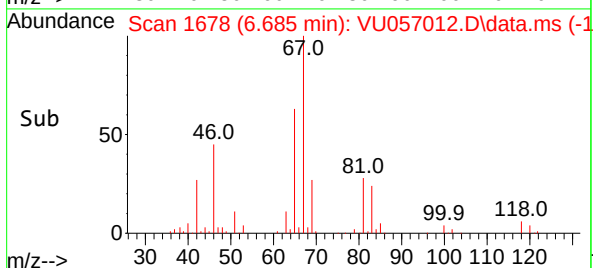
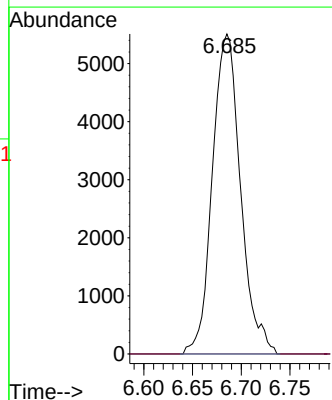
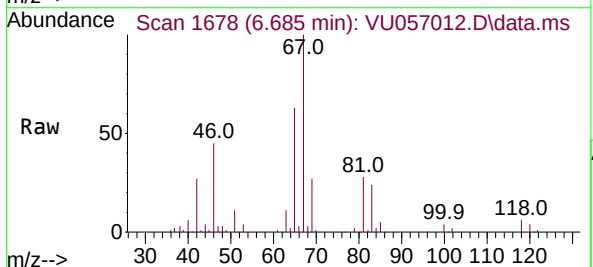
Instrument :
MSVOA_U
ClientSampleId :

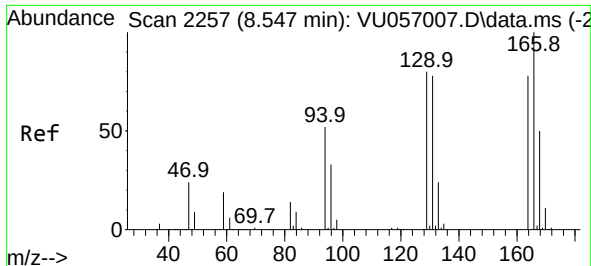
Tgt Ion: 83 Resp: 23292
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 0.4 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU057012.D
Acq: 18 Dec 2023 23:40

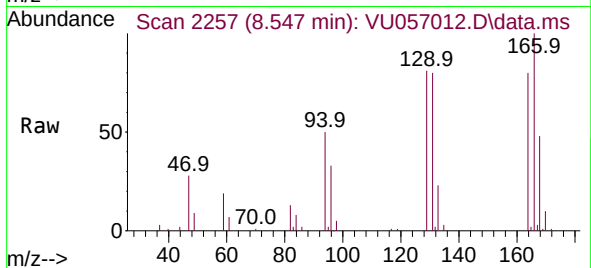
Tgt Ion: 63 Resp: 11088
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



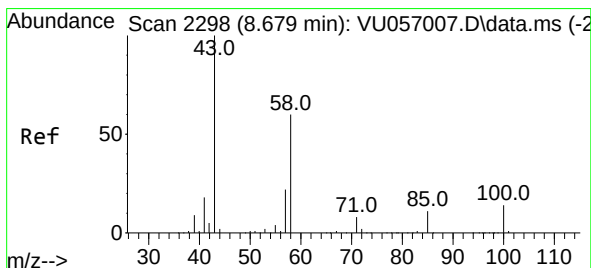
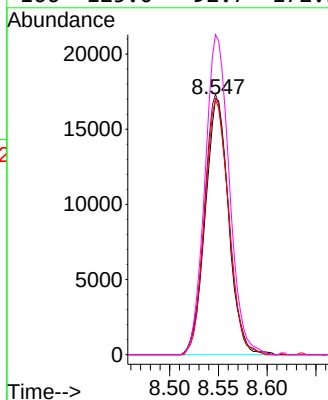
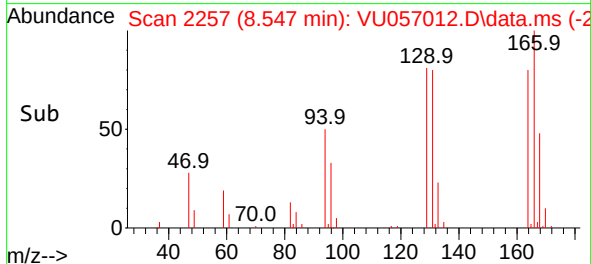


#47
Tetrachloroethene
Concen: 1.769 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057012.D
Acq: 18 Dec 2023 23:40

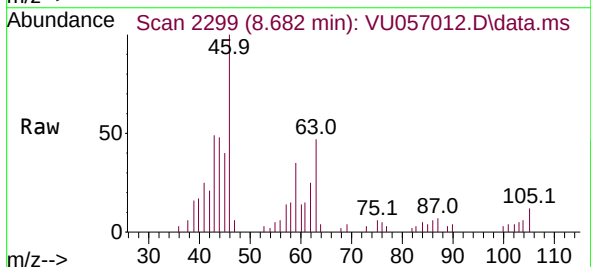
Instrument :
MSVOA_U
ClientSampleId :



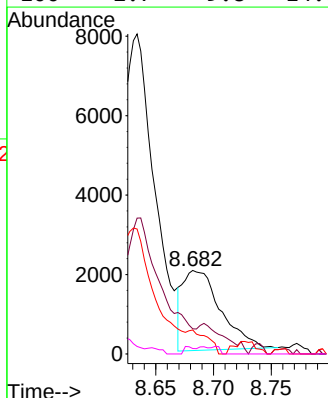
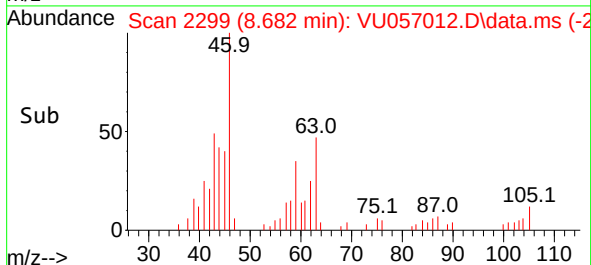
Tgt Ion:164 Resp: 28601
Ion Ratio Lower Upper
164 100
129 101.8 73.4 136.4
131 99.6 71.5 132.9
166 125.0 92.7 172.1

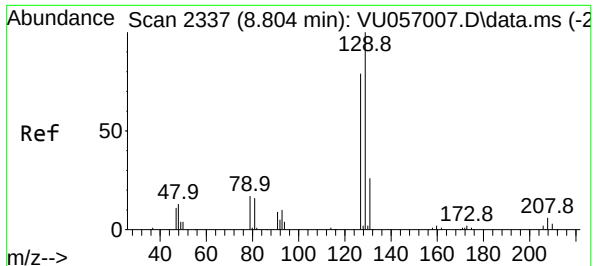


#48
2-Hexanone
Concen: 0.633 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU057012.D
Acq: 18 Dec 2023 23:40



Tgt Ion: 43 Resp: 4614
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 0.0 17.0 25.4#
100 2.7 9.8 14.8#





#49

Dibromochloromethane

Concen: 1.781 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057012.D

Acq: 18 Dec 2023 23:40

Instrument :

MSVOA_U

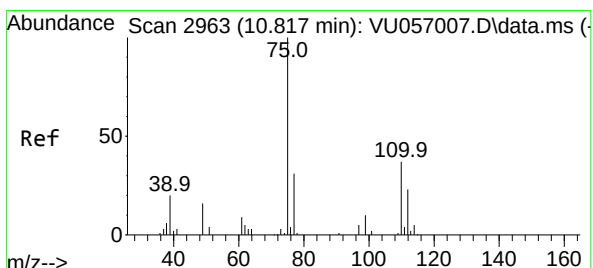
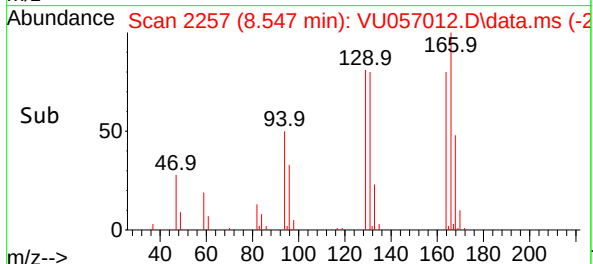
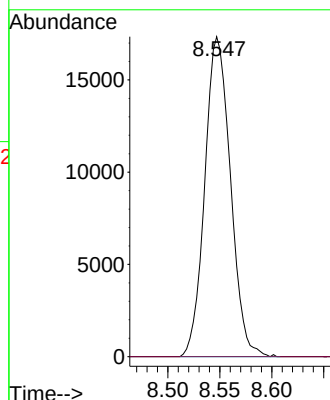
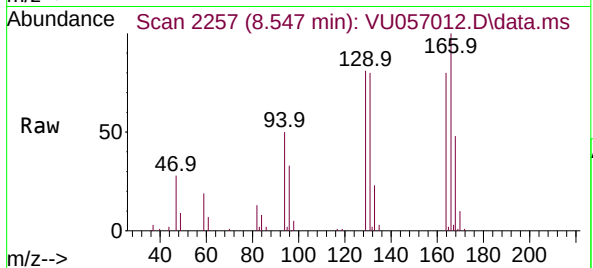
ClientSampleId :

Tgt Ion:129 Resp: 29822

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.117 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057012.D

Acq: 18 Dec 2023 23:40

Tgt Ion: 75 Resp: 11676

Ion Ratio Lower Upper

75 100

110 1.5 28.4 42.6#

77 36.7 26.3 39.5

