

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055938.D
 Acq On : 27 Oct 2023 22:27
 Operator : MD/SY
 Sample : 04995-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 02:00:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

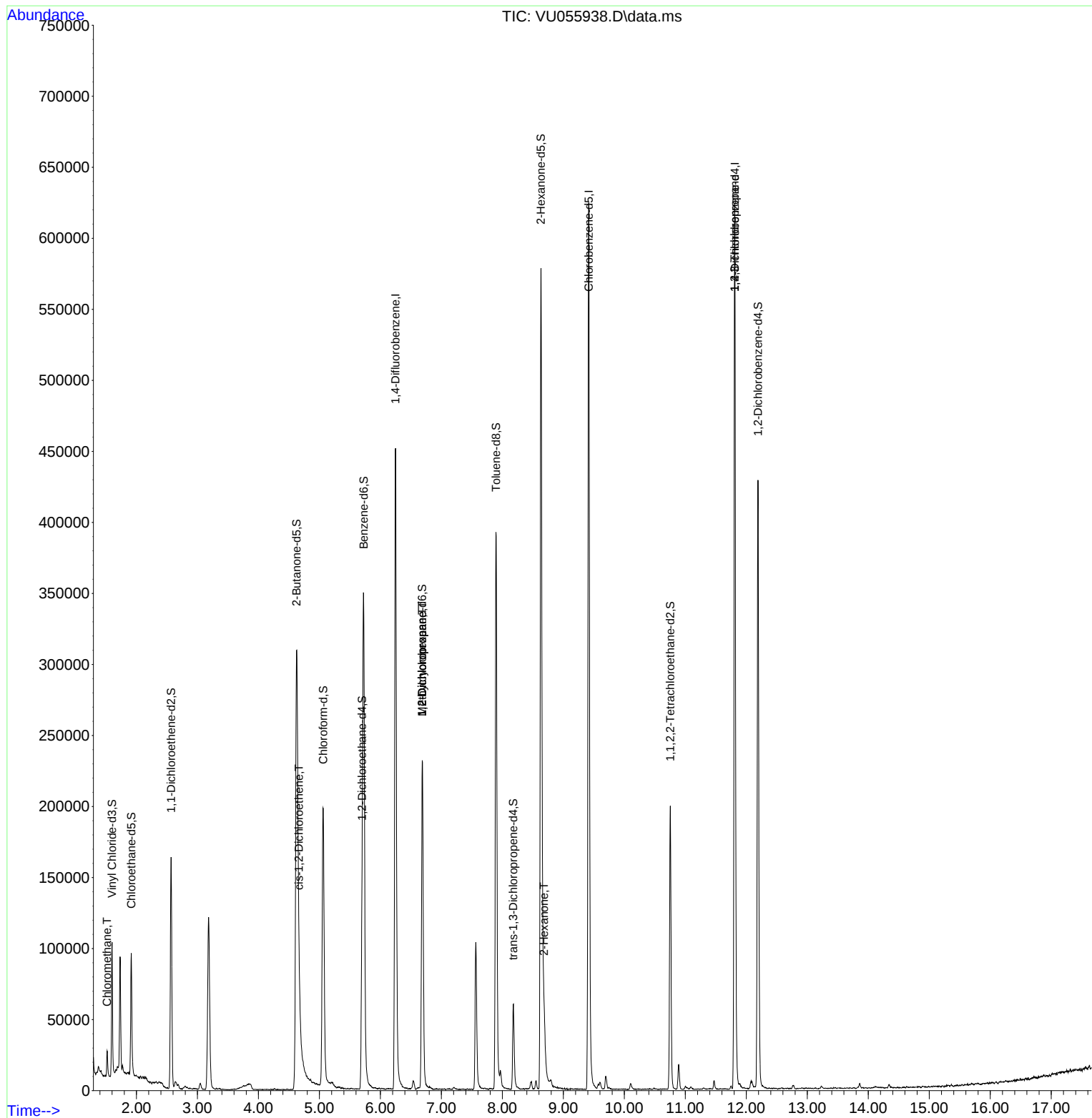
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	386506	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	376595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	175507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	67301	2.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	44.000%
7) Chloroethane-d5	1.914	69	67261	2.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.400%#
11) 1,1-Dichloroethene-d2	2.567	65	31945	2.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.200%#
20) 2-Butanone-d5	4.624	46	276881	50.762	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.520%
24) Chloroform-d	5.062	84	192203	3.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.800%#
26) 1,2-Dichloroethane-d4	5.698	65	93012	3.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
32) Benzene-d6	5.724	84	343568	3.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.200%#
36) 1,2-Dichloropropane-d6	6.685	67	119129	3.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.600%
41) Toluene-d8	7.898	98	283290	2.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.600%#
43) trans-1,3-Dichloroprop...	8.177	79	38159	2.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.600%
46) 2-Hexanone-d5	8.631	63	215584	65.296	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.600%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102382	4.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	119915	3.662	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.200%#
Target Compounds						
3) Chloromethane	1.518	50	11894	0.566	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	3093	0.138	ug/L #	64
35) Methylcyclohexane	6.685	83	28180	0.898	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12851	0.582	ug/L #	88
48) 2-Hexanone	8.682	43	19585	2.342	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	20813	1.727	ug/L #	69

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

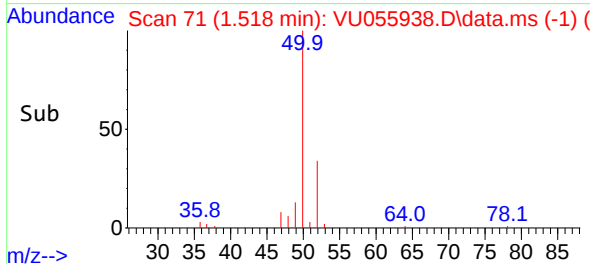
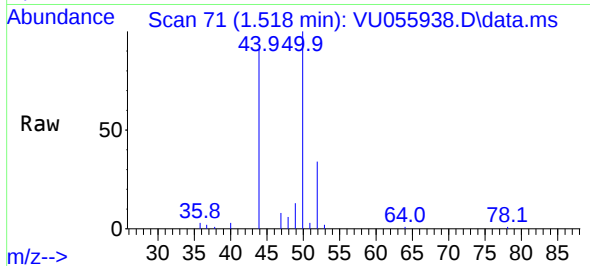
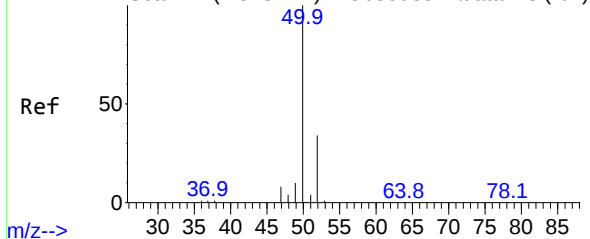
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Abundance Scan 71 (1.518 min): VU055935.D\data.ms (-62)



#3

Chloromethane

Concen: 0.566 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU055938.D

Acq: 27 Oct 2023 22:27

Instrument :

MSVOA_U

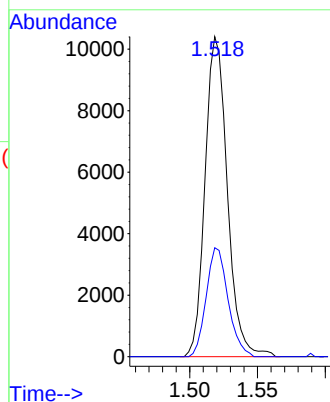
ClientSampleId :

Tgt Ion: 50 Resp: 11894

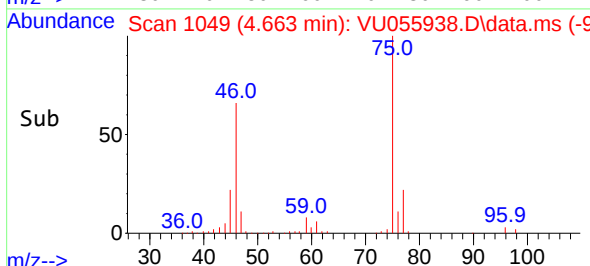
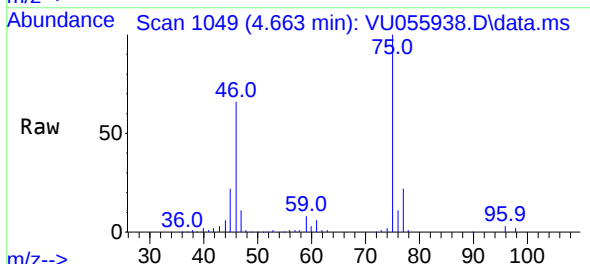
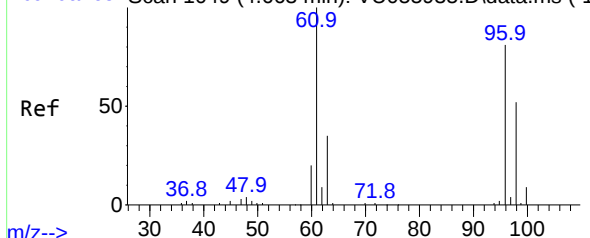
Ion Ratio Lower Upper

50 100

52 34.1 22.0 40.8



Abundance Scan 1049 (4.663 min): VU055935.D\data.ms (-1)



#22

cis-1,2-Dichloroethene

Concen: 0.138 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055938.D

Acq: 27 Oct 2023 22:27

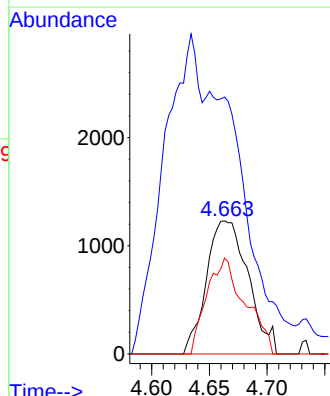
Tgt Ion: 96 Resp: 3093

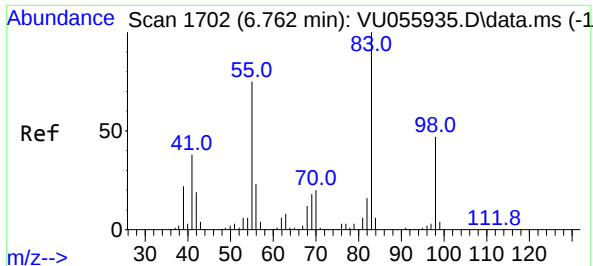
Ion Ratio Lower Upper

96 100

61 192.9 93.8 174.2#

98 72.0 45.6 84.8





#35

Methylcyclohexane

Concen: 0.898 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU055938.D

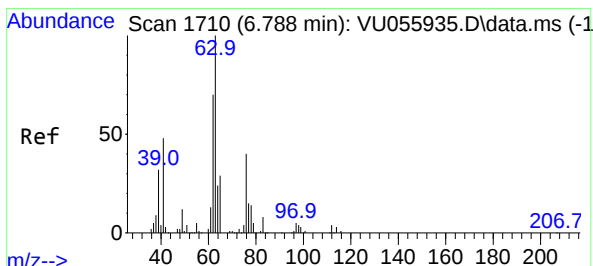
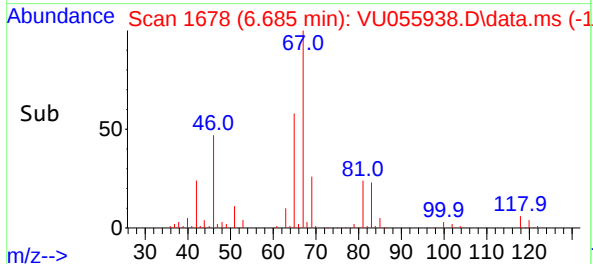
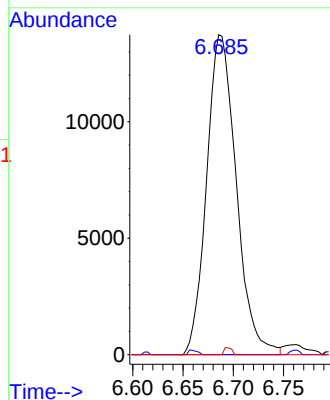
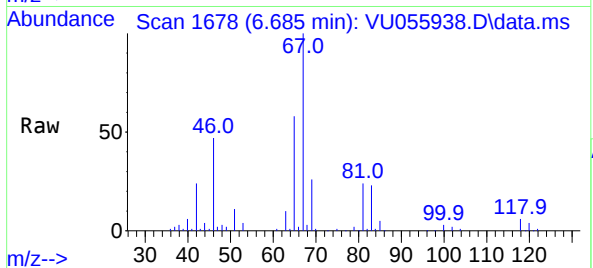
Acq: 27 Oct 2023 22:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	28180
Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.4	93.6#
98	0.6	37.4	56.2#



#37

1,2-Dichloropropane

Concen: 0.582 ug/L

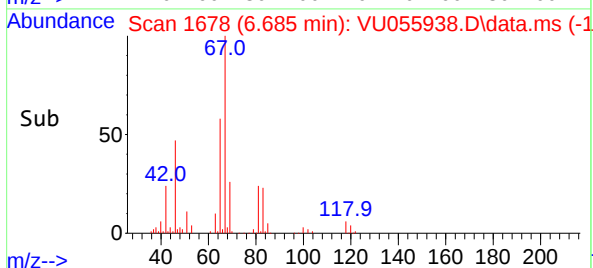
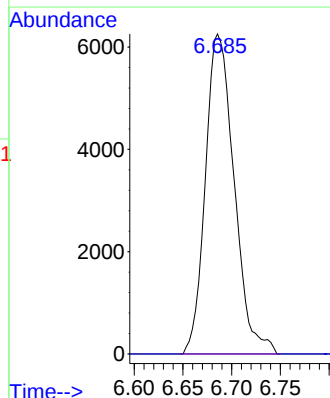
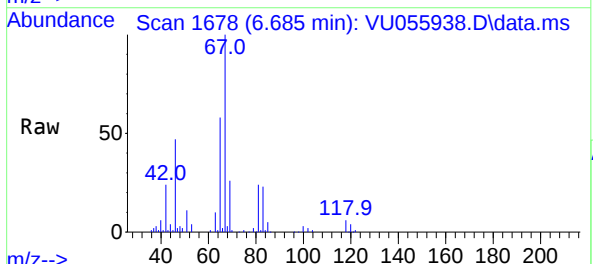
RT: 6.685 min Scan# 1678

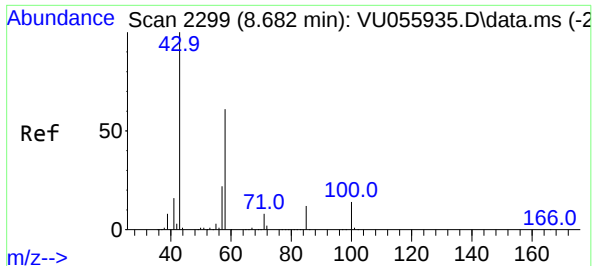
Delta R.T. -0.100 min

Lab File: VU055938.D

Acq: 27 Oct 2023 22:27

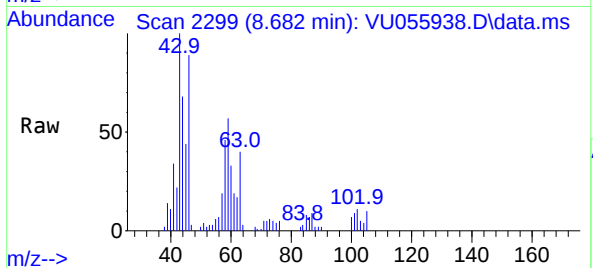
Tgt Ion:	63	Resp:	12851
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



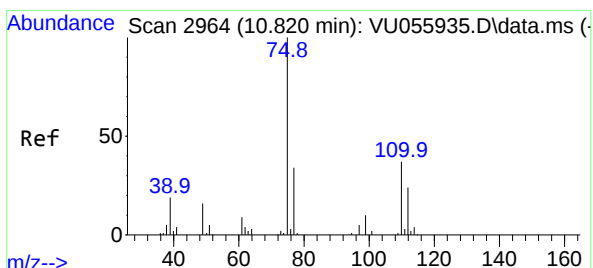
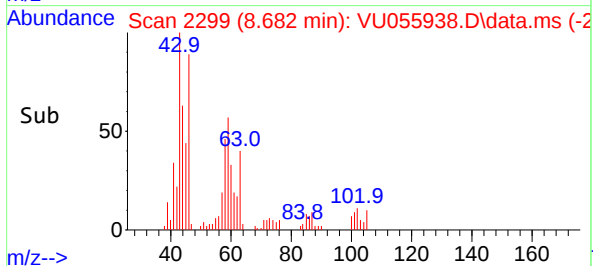
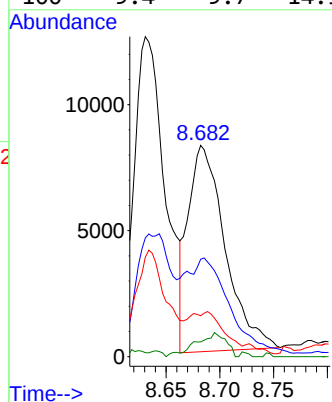


#48
2-Hexanone
Concen: 2.342 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055938.D
Acq: 27 Oct 2023 22:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 19585
Ion Ratio Lower Upper
43 100
58 44.2 49.5 74.3#
57 0.0 16.9 25.3#
100 9.4 9.7 14.5#



#61
1,2,3-Trichloropropane
Concen: 1.727 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU055938.D
Acq: 27 Oct 2023 22:27

Tgt Ion: 75 Resp: 20813
Ion Ratio Lower Upper
75 100
110 3.0 29.0 43.6#
77 31.0 24.5 36.7

